

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037620.D
 Acq On : 29 Oct 2018 13:14
 Operator : JU/SJ
 Sample : J5690-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MS

Quant Time: Oct 30 04:46:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	109283	40.00	ng	0.00
21) Naphthalene-d8	10.93	136	493043	40.00	ng	0.00
39) Acenaphthene-d10	14.74	164	324135	40.00	ng	0.00
64) Phenanthrene-d10	17.48	188	755577	40.00	ng	0.00
76) Chrysene-d12	21.77	240	668399	40.00	ng	0.00
87) Perylene-d12	25.11	264	713985	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	181530	55.54	ng	0.00
7) Phenol-d6	7.24	99	162659	32.91	ng	0.00
23) Nitrobenzene-d5	9.28	82	334806	76.08	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	202073	114.32	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	810614	75.42	ng	0.00
79) Terphenyl-d14	20.08	244	1155100	73.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	14063	8.485	ng	94
3) Pyridine	3.94	79	63158	15.119	ng	97
4) n-Nitrosodimethylamine	3.85	42	19658	13.211	ng	93
6) Aniline	7.43	93	168792	27.996	ng	97
8) 2-Chlorophenol	7.66	128	17145	4.484	ng	94
9) Benzaldehyde	7.24	77	75602	24.455	ng	94
10) Phenol	7.27	94	43056	8.257	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	132096	33.354	ng	94
12) 1,3-Dichlorobenzene	7.99	146	135447	31.821	ng	98
13) 1,4-Dichlorobenzene	8.14	146	136246	31.292	ng	96
14) 1,2-Dichlorobenzene	8.46	146	132678	31.678	ng	98
15) Benzyl Alcohol	8.34	79	61178	16.753	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	231943	32.731	ng	99
17) 2-Methylphenol	8.54	107	17717	5.139	ng	93
18) Hexachloroethane	9.19	117	61070	41.142	ng	# 59
19) n-Nitroso-di-n-propylamine	8.91	70	108815	31.974	ng	92
20) 3+4-Methylphenols	8.86	107	19582	3.973	ng	94
22) Acetophenone	8.93	105	229315	37.090	ng	# 98
24) Nitrobenzene	9.32	77	160931	35.202	ng	95
25) Isophorone	9.83	82	312365	38.848	ng	96
26) 2-Nitrophenol	10.03	139	9394	4.561	ng	96
27) 2,4-Dimethylphenol	10.08	122	30835	8.386	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	190522	36.165	ng	96
29) 2,4-Dichlorophenol	10.56	162	19869	4.853	ng	90
30) 1,2,4-Trichlorobenzene	10.78	180	142780	32.069	ng	96
31) Naphthalene	10.97	128	556395	45.951	ng	100
32) Benzoic acid	10.13	122	3535	1.480	ng	# 85
33) 4-Chloroaniline	11.09	127	204481	35.941	ng	96
34) Hexachlorobutadiene	11.24	225	80215	30.398	ng	95
35) Caprolactam	11.86	113	6368	3.878	ng	91
36) 4-Chloro-3-methylphenol	12.18	107	24131	5.226	ng	95
37) 2-Methylnaphthalene	12.57	142	347510	39.371	ng	99
38) 1-Methylnaphthalene	12.79	142	718297	83.797	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	160875	30.774	ng	99

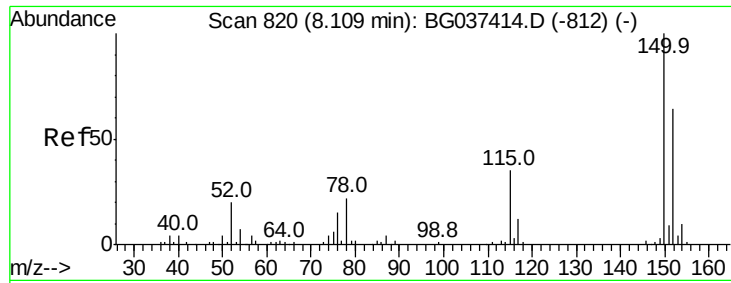
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	165155	66.140	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	17762	5.086	nq	90
44) 2,4,5-Trichlorophenol	13.24	196	19941	5.244	nq	# 91
46) 1,1'-Biphenyl	13.57	154	421712	31.420	nq	99
47) 2-Chloronaphthalene	13.62	162	332519	32.747	nq	98
48) 2-Nitroaniline	13.82	65	117936	38.300	nq	96
49) Acenaphthylene	14.46	152	556739	36.448	nq	100
50) Dimethylphthalate	14.19	163	462462	36.885	nq	99
51) 2,6-Dinitrotoluene	14.31	165	97879	35.289	nq	96
52) Acenaphthene	14.80	154	330392	35.121	nq	99
53) 3-Nitroaniline	14.65	138	105059	34.120	nq	# 98
54) 2,4-Dinitrophenol	14.85	184	5909	21.103	nq	# 80
55) Dibenzofuran	15.13	168	524200	33.632	nq	99
56) 4-Nitrophenol	14.94	139	18402	8.074	nq	96
57) 2,4-Dinitrotoluene	15.09	165	139424	38.294	nq	98
58) Fluorene	15.78	166	428570	36.718	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	15840	4.865	nq	# 62
60) Diethylphthalate	15.54	149	452194	35.130	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	218438	32.109	nq	99
62) 4-Nitroaniline	15.81	138	101780	33.266	nq	96
63) Azobenzene	16.06	77	426793	34.751	nq	100
65) 4,6-Dinitro-2-methylphenol	15.85	198	7041	19.937	nq	88
66) n-Nitrosodiphenylamine	15.99	169	387920	34.136	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	137688	33.188	nq	98
68) Hexachlorobenzene	16.77	284	139412	32.423	nq	98
69) Atrazine	16.93	200	147997	36.021	nq	99
70) Pentachlorophenol	17.12	266	20871	7.247	nq	98
71) Phenanthrene	17.53	178	682242	35.533	nq	99
72) Anthracene	17.62	178	704274	37.377	nq	99
73) Carbazole	17.89	167	640691	33.992	nq	99
74) Di-n-butylphthalate	18.42	149	756576	36.084	nq	99
75) Fluoranthene	19.53	202	783274	35.968	nq	99
77) Benzidine	19.71	184	459874	40.469	nq	99
78) Pyrene	19.89	202	778746	35.645	nq	99
80) Butylbenzylphthalate	20.76	149	337796	37.780	nq	98
81) Benzo(a)anthracene	21.75	228	738257	37.347	nq	100
82) 3,3'-Dichlorobenzidine	21.66	252	225559	29.438	nq	99
83) Chrysene	21.81	228	680279	35.789	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	482245	38.478	nq	98
85) Di-n-octyl phthalate	22.87	149	805191	39.399	nq	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	707905	34.723	nq	# 97
88) Benzo(b)fluoranthene	24.04	252	718413	36.707	nq	98
89) Benzo(k)fluoranthene	24.11	252	687059	35.831	nq	98
90) Benzo(a)pyrene	24.94	252	685065	36.836	nq	99
91) Dibenzo(a,h)anthracene	29.00	278	593221	34.580	nq	97
92) Benzo(g,h,i)perylene	30.13	276	596553	34.372	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

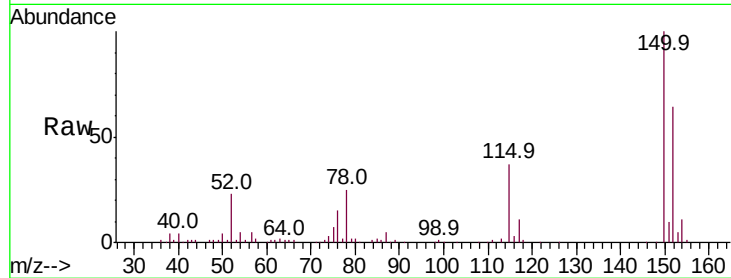
Tot Ion:152 Resp: 109283

Ion Ratio Lower Upper

152 100

150 156.5 126.0 189.0

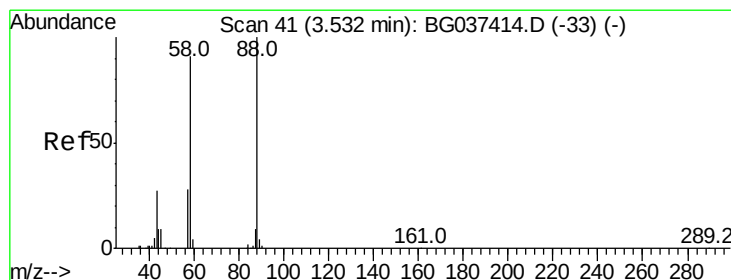
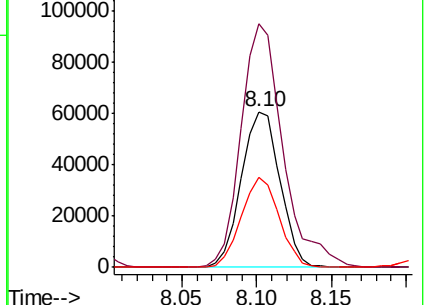
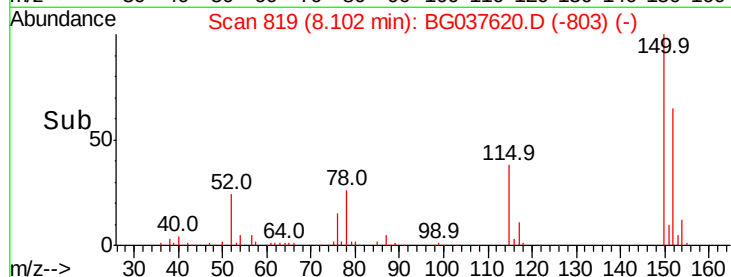
115 57.6 45.5 68.3



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: 8.485 ng

RT: 3.53 min Scan# 41

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

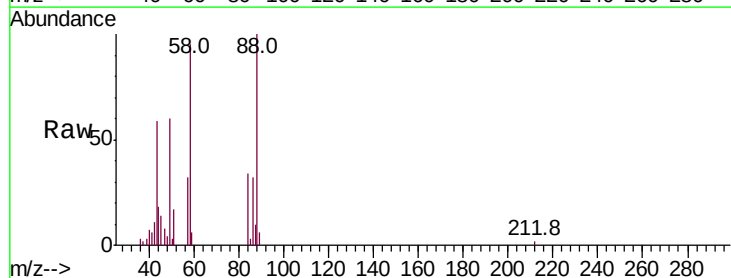
Tgt Ion: 88 Resp: 14063

Ion Ratio Lower Upper

88 100

58 99.6 74.4 111.6

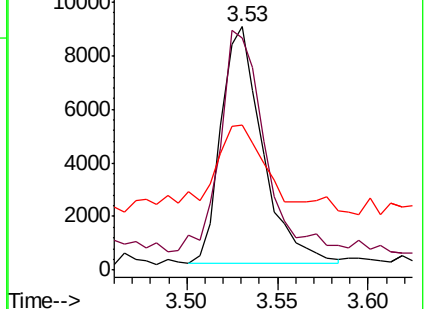
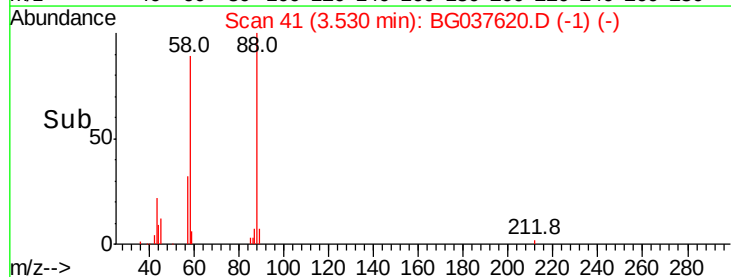
43 34.1 25.8 38.8

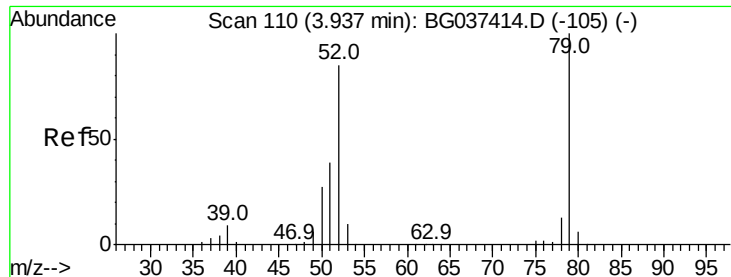


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 15.119 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

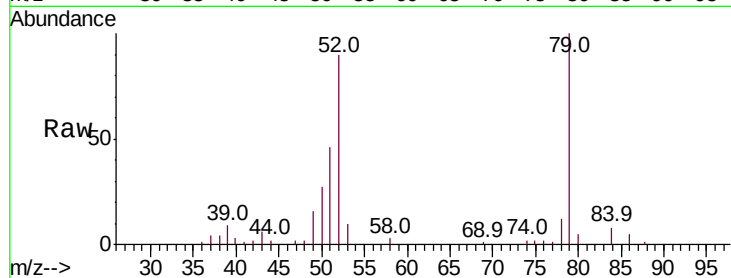
Tot Ion: 79 Resp: 63158

Ion Ratio Lower Upper

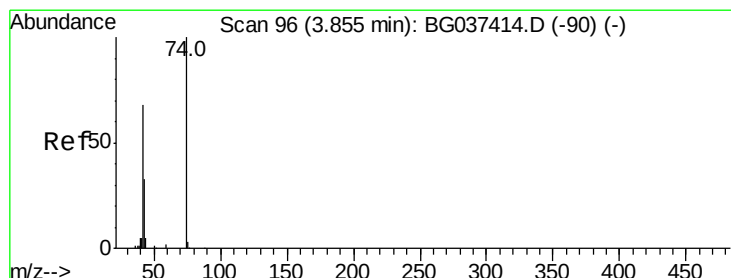
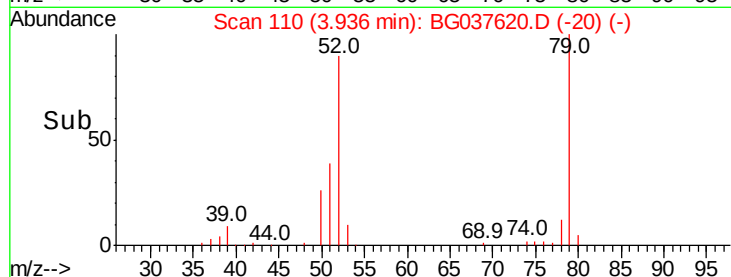
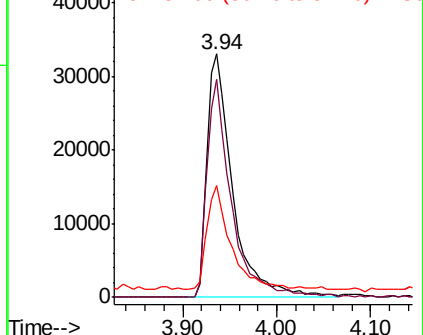
79 100

52 89.6 74.2 111.2

51 45.7 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 13.211 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

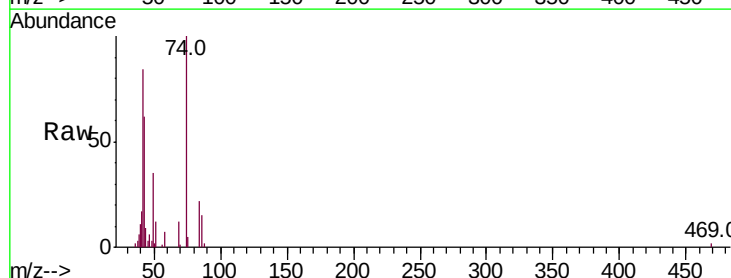
Tgt Ion: 42 Resp: 19658

Ion Ratio Lower Upper

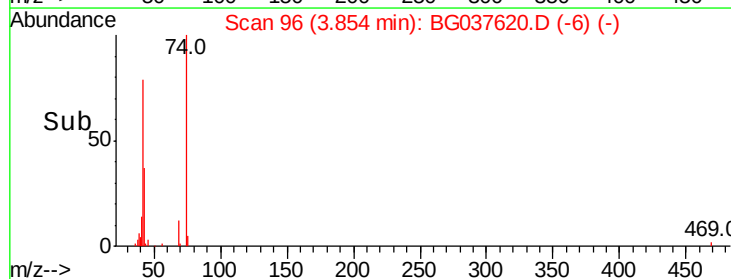
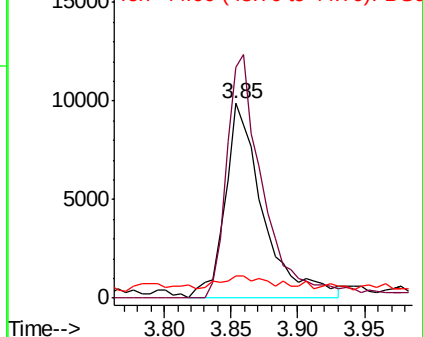
42 100

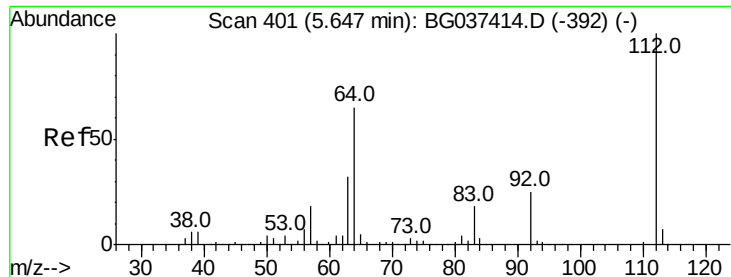
74 118.8 102.0 153.0

44 11.2 9.6 14.4



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





#5

2-Fluorophenol

Concen: 55.542 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

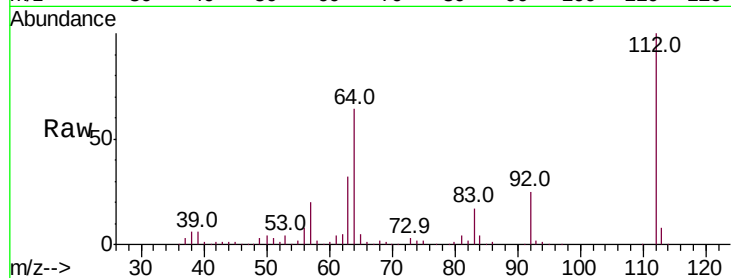
Tot Ion:112 Resp: 181530

Ion Ratio Lower Upper

112 100

64 63.6 53.1 79.7

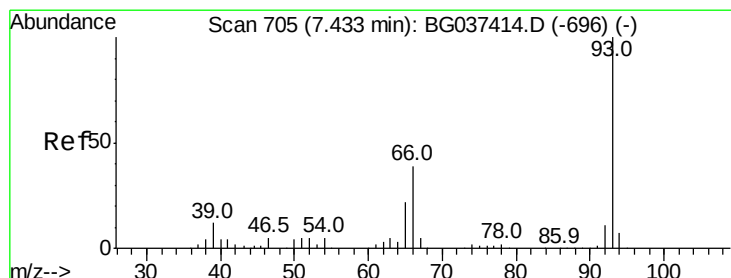
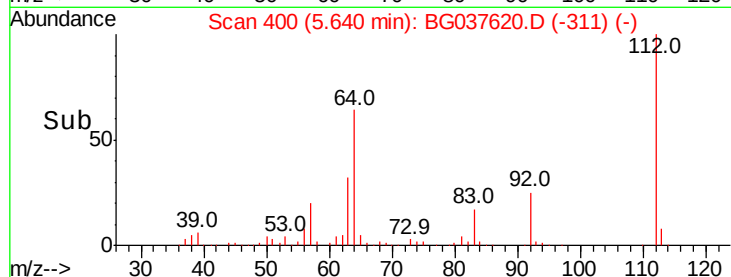
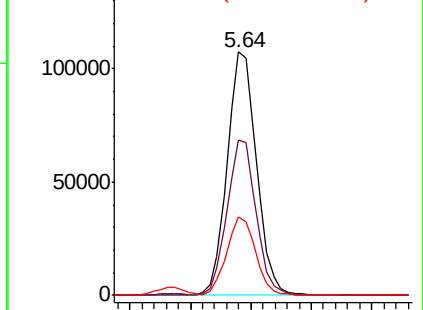
63 32.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.996 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

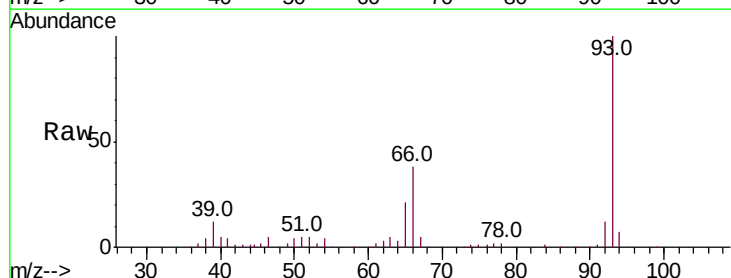
Tgt Ion: 93 Resp: 168792

Ion Ratio Lower Upper

93 100

66 37.9 32.8 49.2

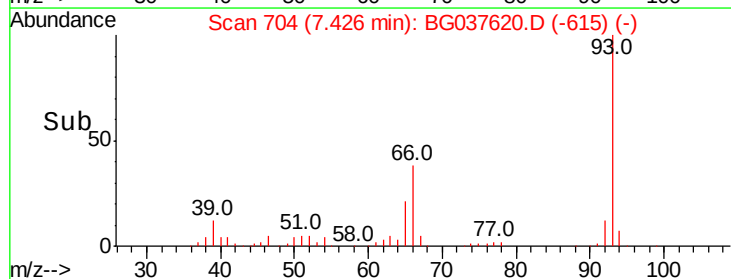
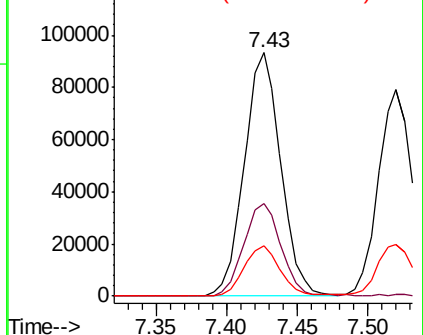
65 20.6 16.4 24.6

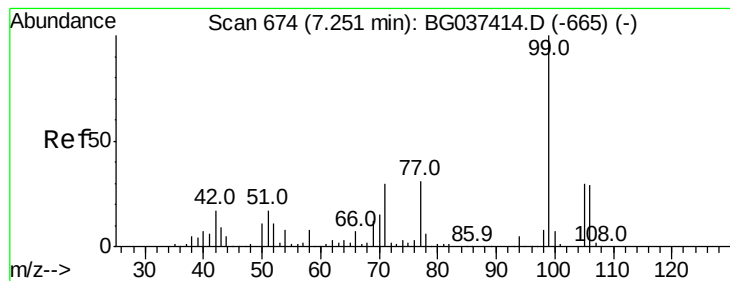


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 32.913 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

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ClientSampleId :

MW-15MS

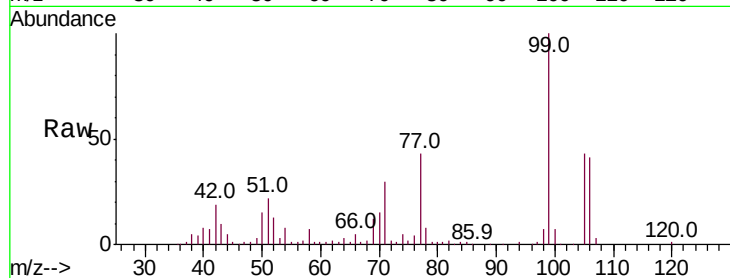
Tot Ion: 99 Resp: 162659

Ion Ratio Lower Upper

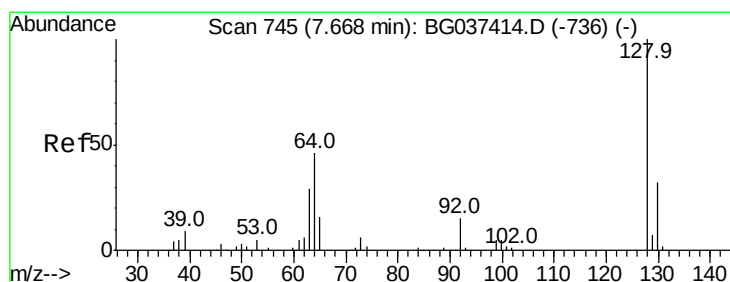
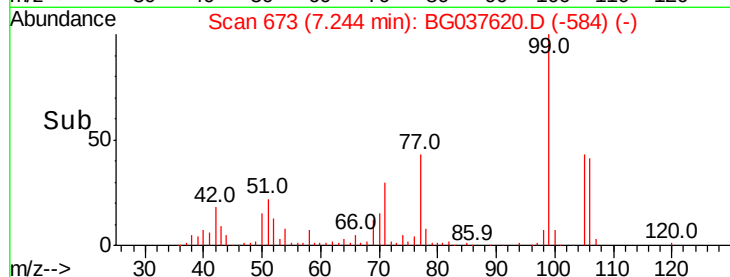
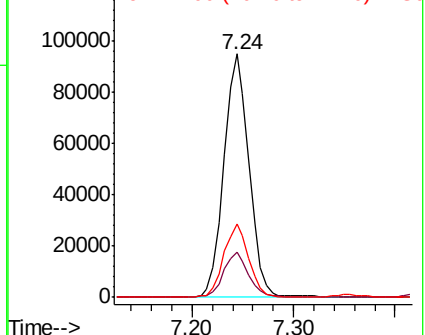
99 100

42 18.6 15.0 22.4

71 30.3 25.5 38.3



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



#8

2-Chlorophenol

Concen: 4.484 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

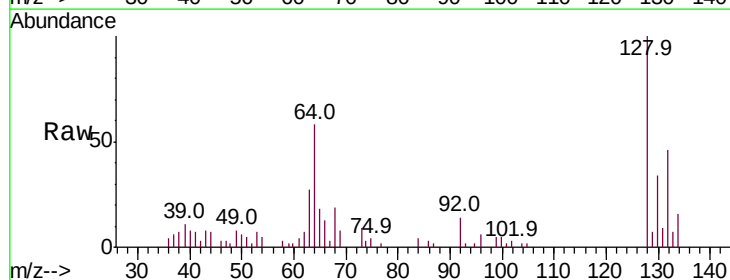
Tgt Ion: 128 Resp: 17145

Ion Ratio Lower Upper

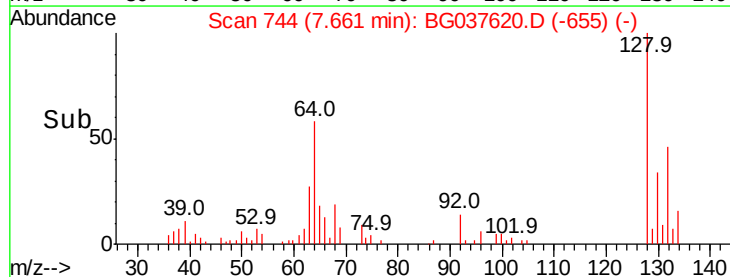
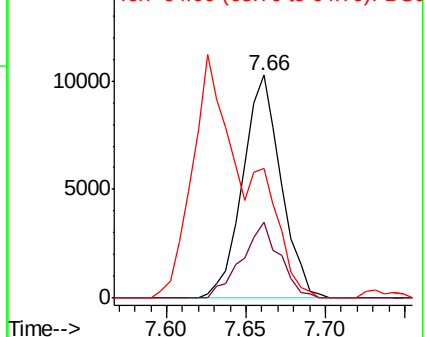
128 100

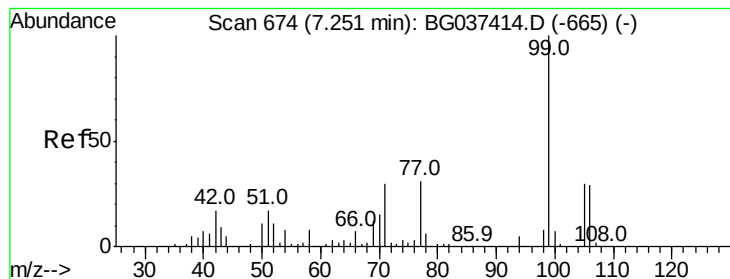
130 34.0 12.0 52.0

64 58.5 32.9 72.9



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





#9

Benzaldehyde

Concen: 24.455 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

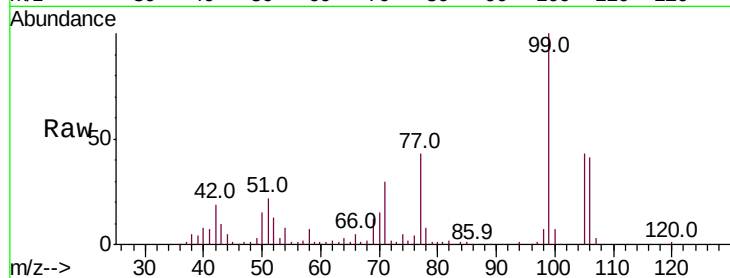
Tot Ion: 77 Resp: 75602

Ion Ratio Lower Upper

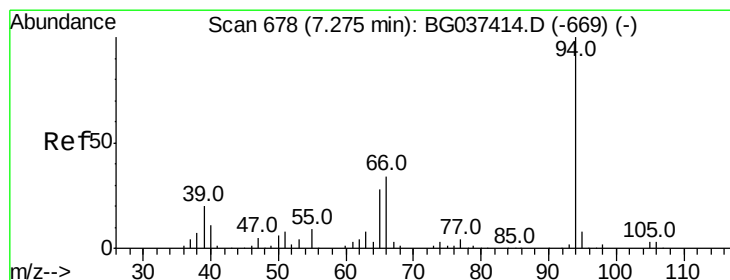
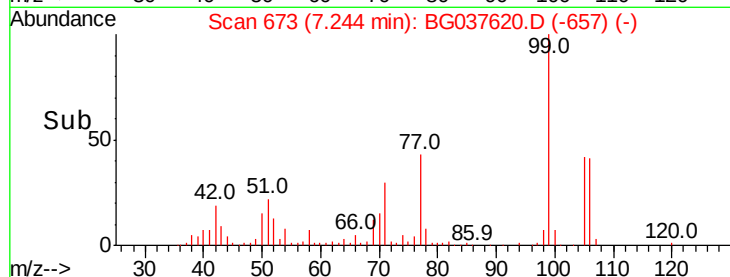
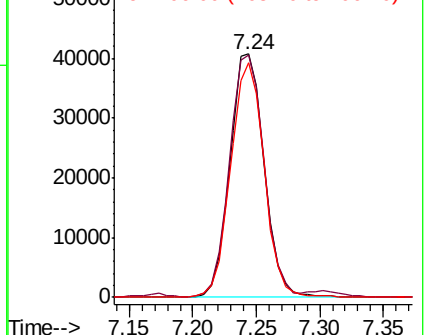
77 100

105 99.4 72.6 112.6

106 96.4 71.3 111.3



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: 8.257 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

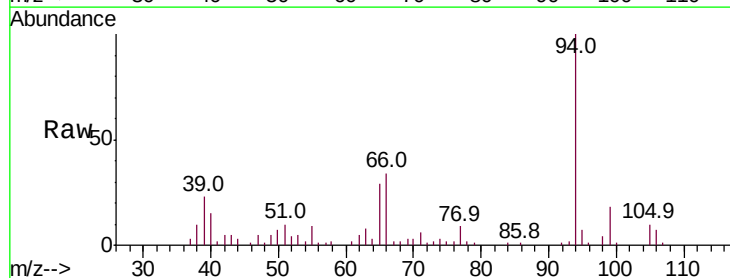
Tgt Ion: 94 Resp: 43056

Ion Ratio Lower Upper

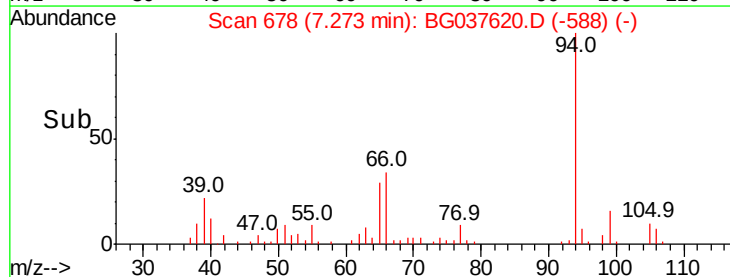
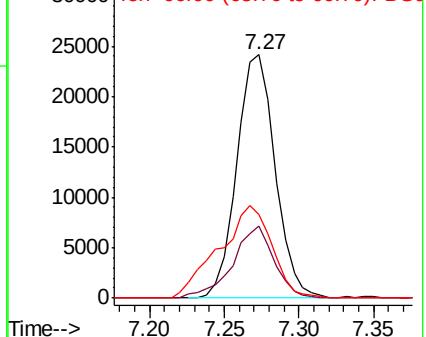
94 100

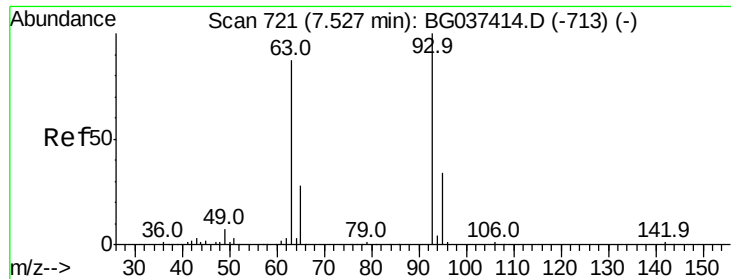
65 29.5 9.7 49.7

66 34.5 15.9 55.9



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

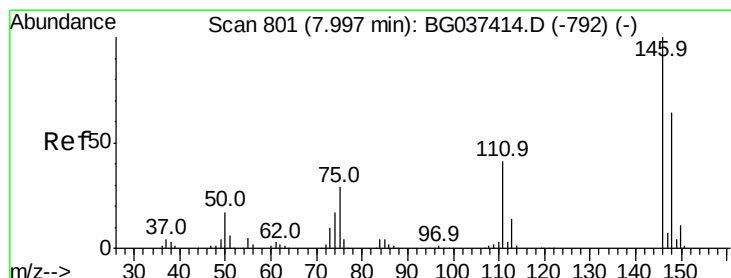
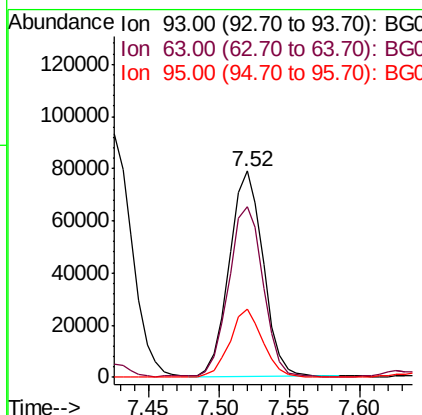
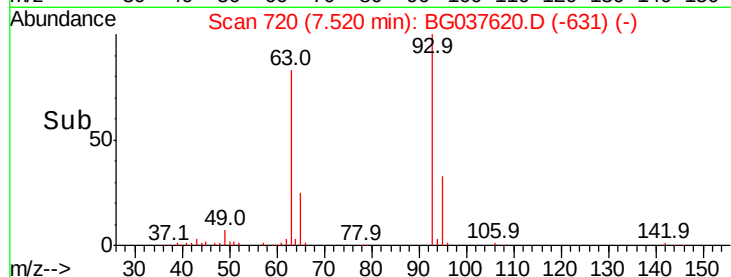
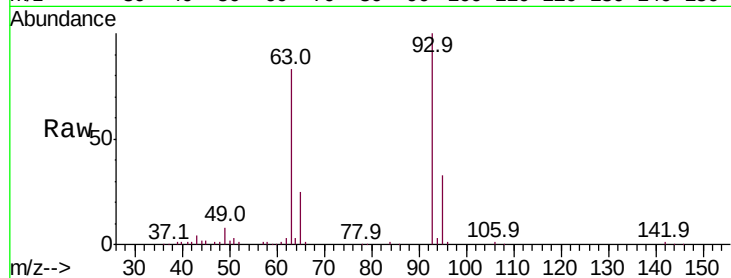




#11
 bis(2-Chloroethyl)ether
 Concen: 33.354 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

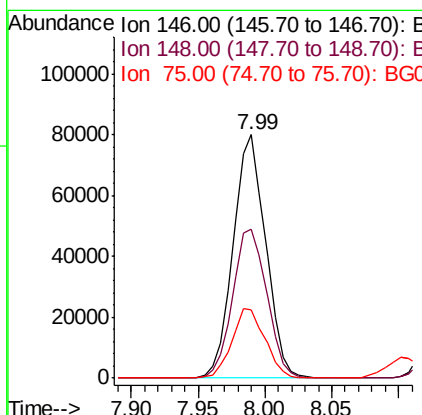
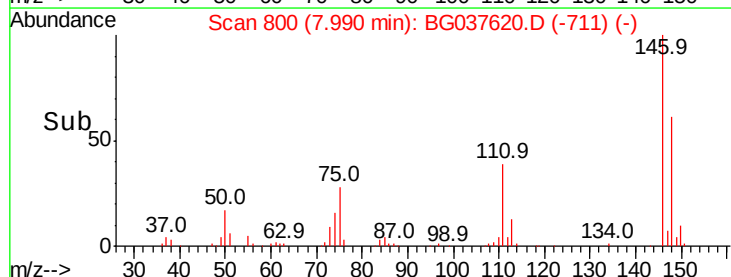
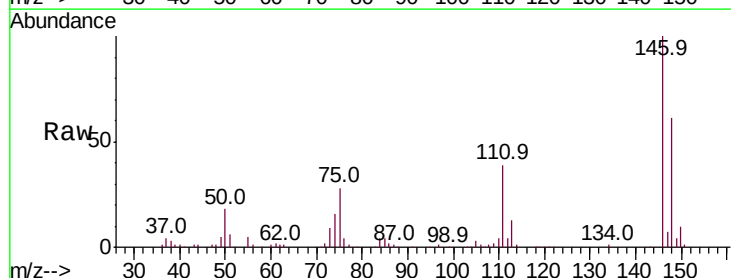
Instrument :
 BNA_G
 ClientSampleId :
 MW-15MS

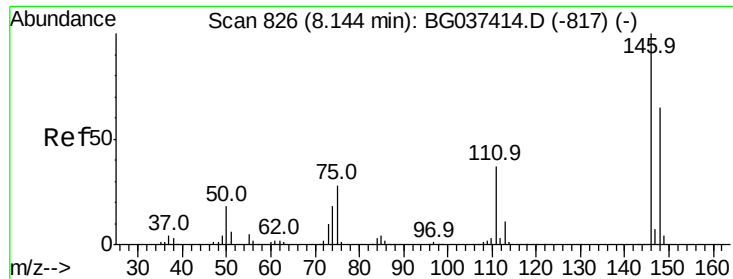
Tot Ion:	93	Resp:	132096
Ion	Ratio	Lower	Upper
93	100		
63	82.8	69.5	109.5
95	33.1	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 31.821 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

Tgt Ion:	146	Resp:	135447
Ion	Ratio	Lower	Upper
146	100		
148	61.0	49.8	74.8
75	28.0	23.2	34.8

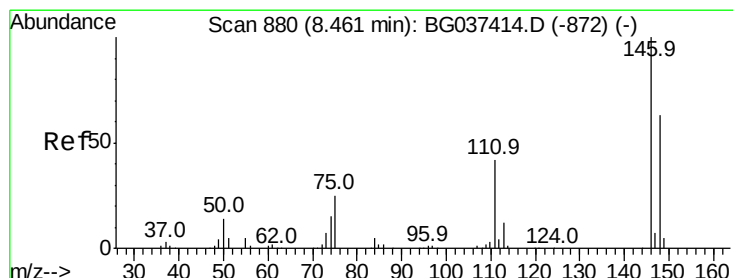
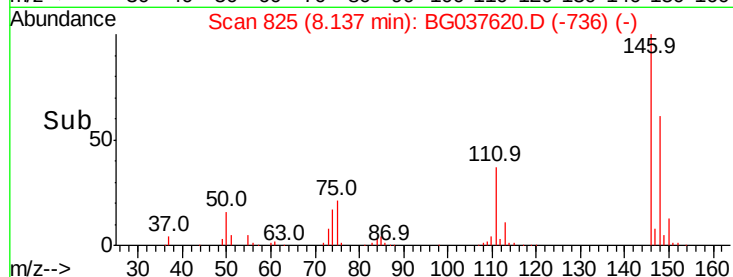
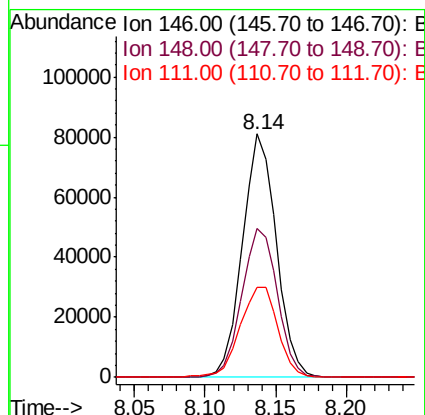
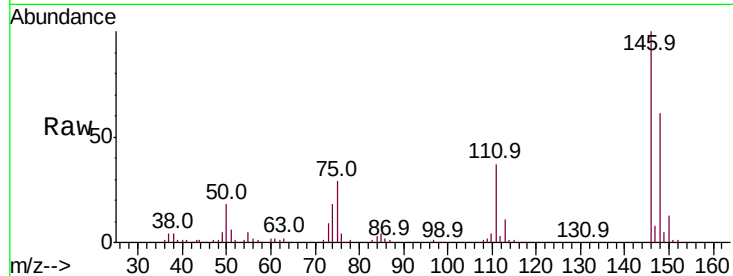




#13
 1,4-Dichlorobenzene
 Concen: 31.292 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

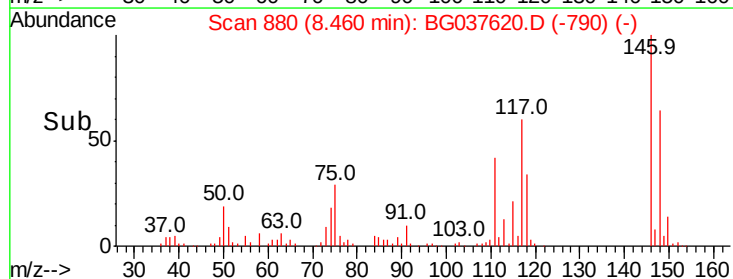
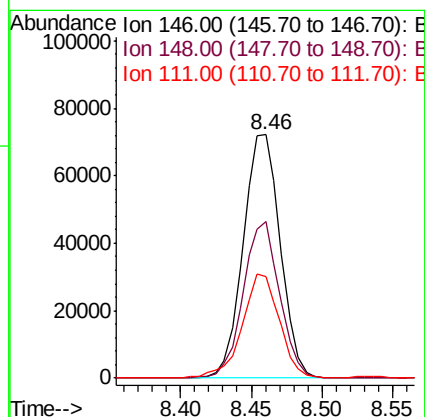
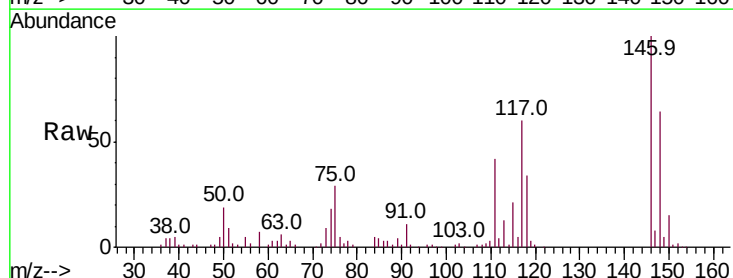
Instrument :
 BNA_G
 ClientSampleId :
 MW-15MS

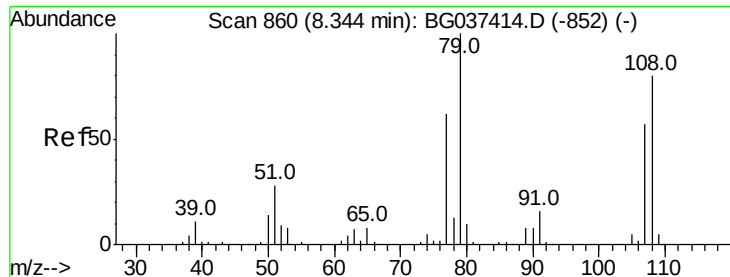
Tot Ion:146 Resp: 136246
 Ion Ratio Lower Upper
 146 100
 148 61.4 51.0 76.6
 111 37.1 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 31.678 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

Tgt Ion:146 Resp: 132678
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 41.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 16.753 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

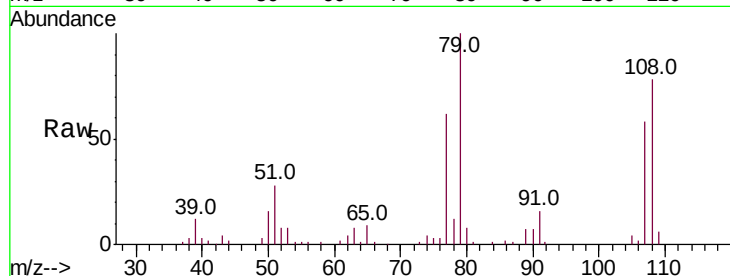
Tot Ion: 79 Resp: 61178

Ion Ratio Lower Upper

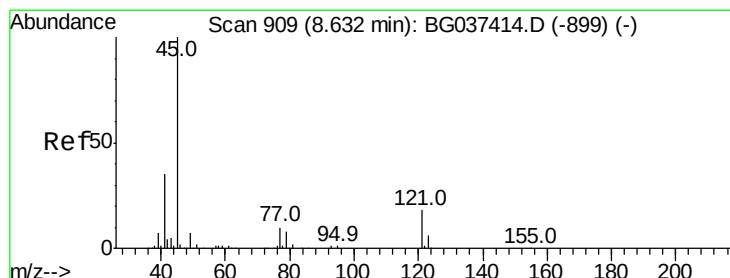
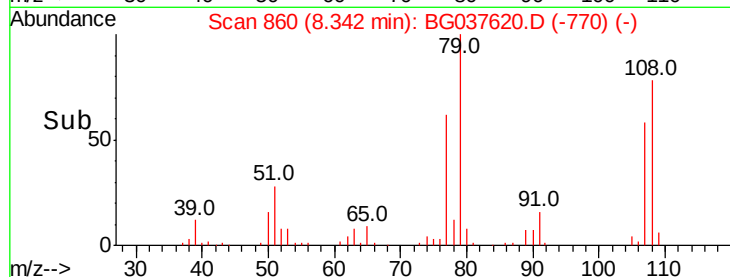
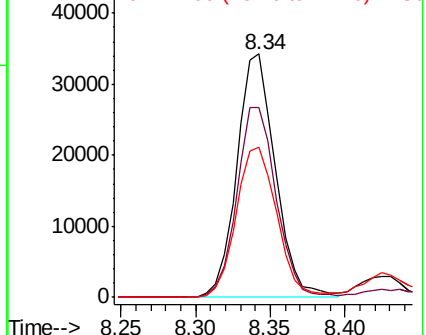
79 100

108 78.0 65.8 98.8

77 61.8 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.731 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

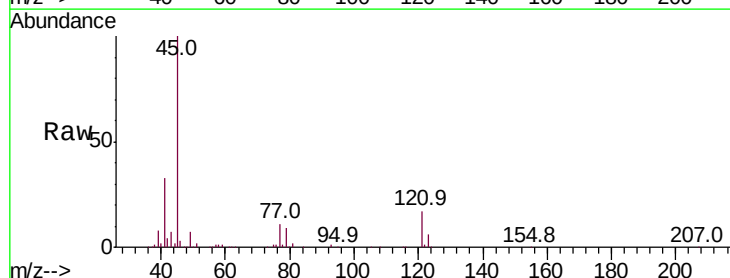
Tgt Ion: 45 Resp: 231943

Ion Ratio Lower Upper

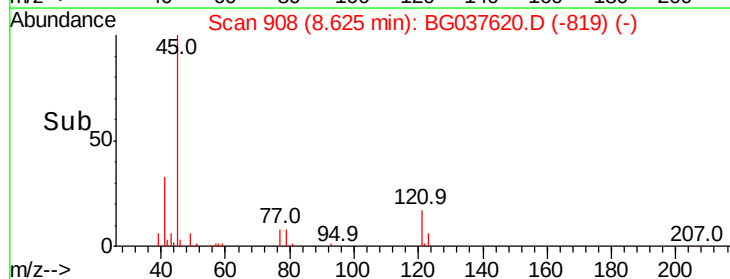
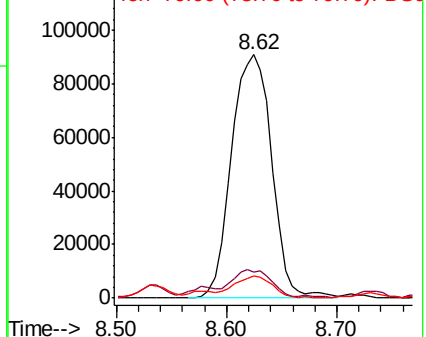
45 100

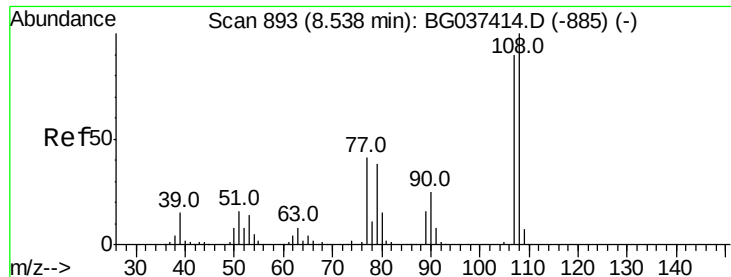
77 10.7 0.0 30.0

79 9.3 0.0 29.0



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

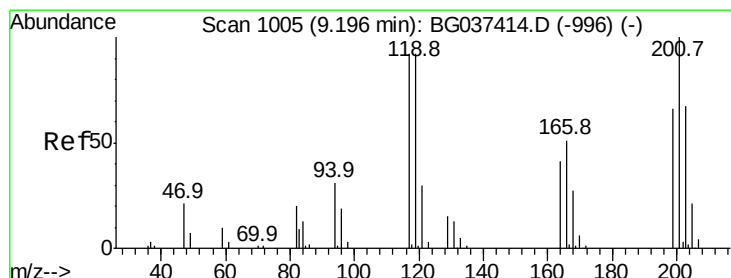
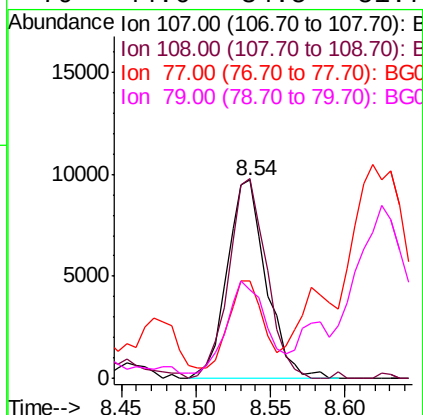
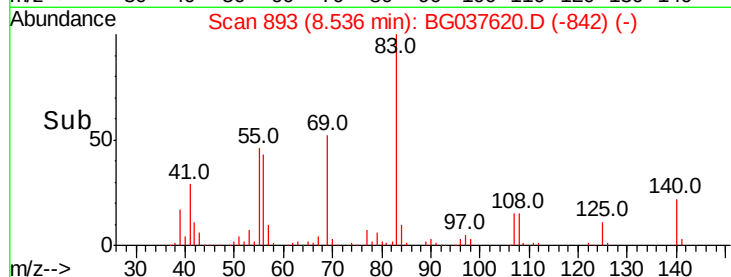
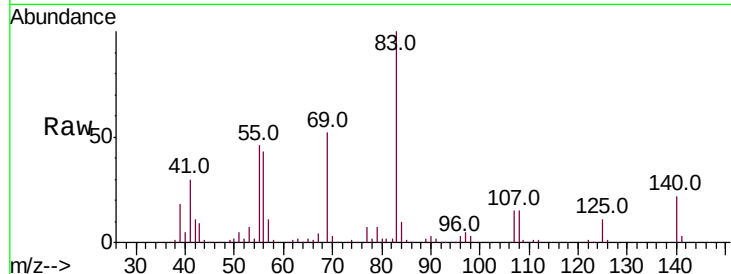




#17
2-Methylphenol
Concen: 5.139 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

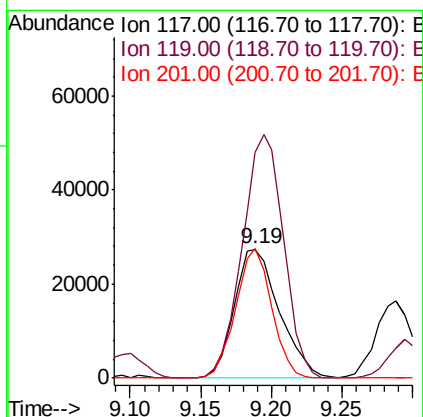
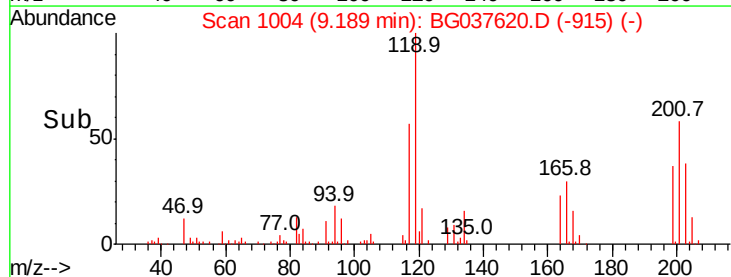
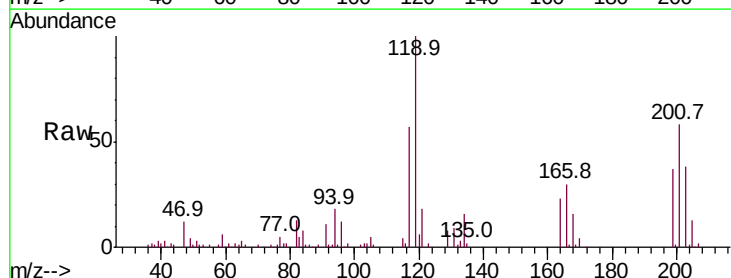
Instrument :
BNA_G
ClientSampleId :
MW-15MS

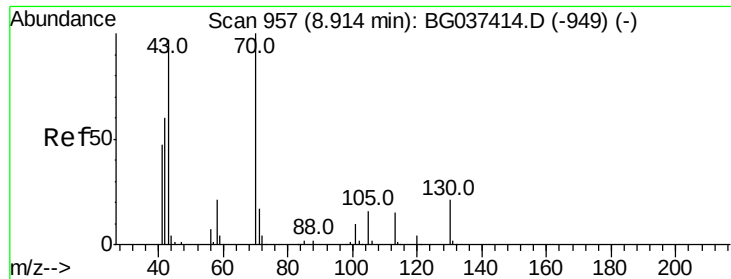
Tot Ion	Ratio	Lower	Upper
107	100		
108	100.5	87.9	131.9
77	49.4	35.1	52.7
79	44.6	34.5	51.7



#18
Hexachloroethane
Concen: 41.142 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	175.2	74.6	111.8#
201	100.8	80.8	121.2

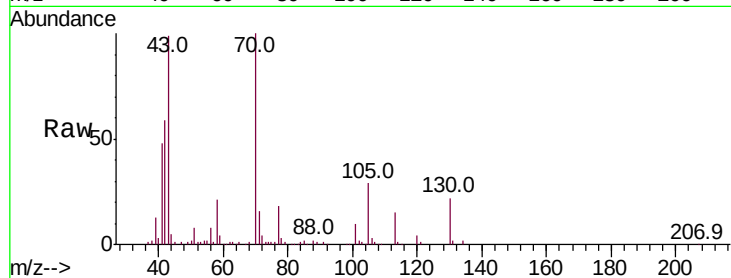




#19
n-Nitroso-di-n-propylamine
Concen: 31.974 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion:	70	Resp:	108815
Ion	Ratio	Lower	Upper
70	100		
42	58.8	53.9	80.9
101	10.3	8.2	12.2
130	21.9	18.2	27.4



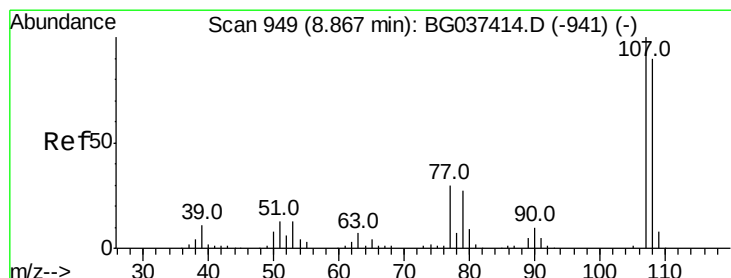
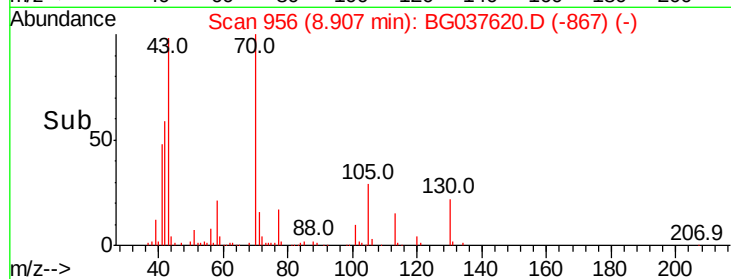
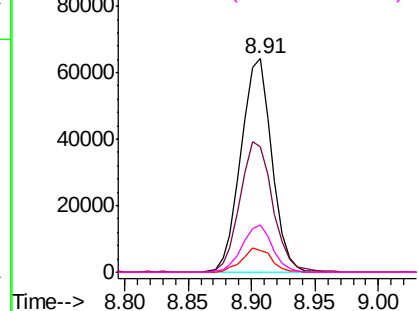
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

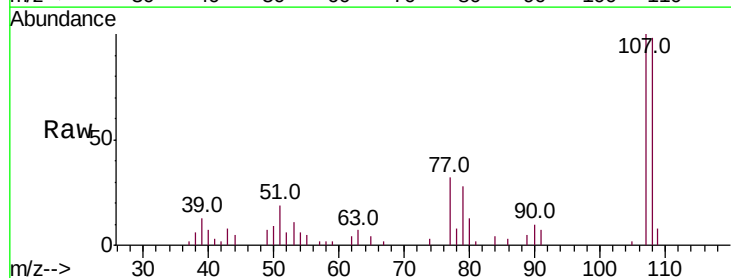
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 3.973 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:	107	Resp:	19582
Ion	Ratio	Lower	Upper
107	100		
108	98.3	69.9	109.9
77	31.9	11.2	51.2
79	27.6	6.6	46.6



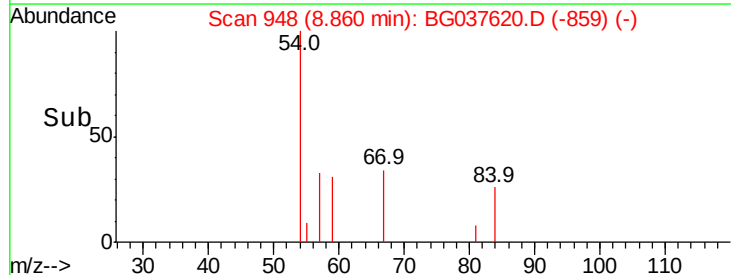
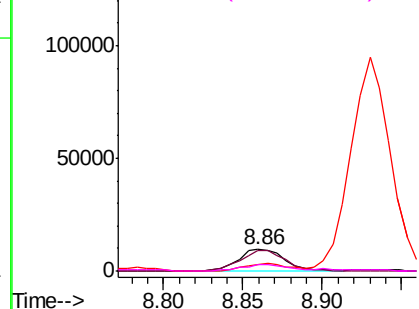
Abundance

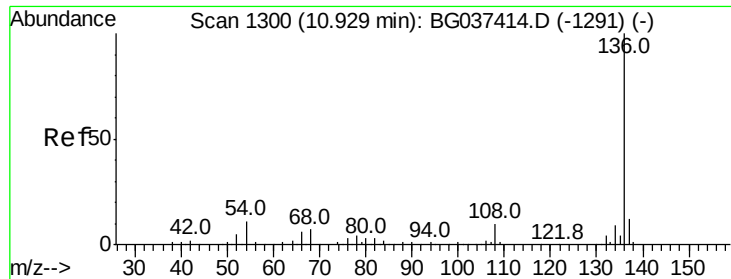
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 40.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

Tot Ion:136 Resp: 493043

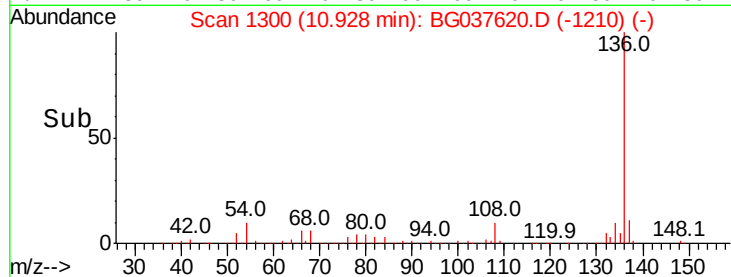
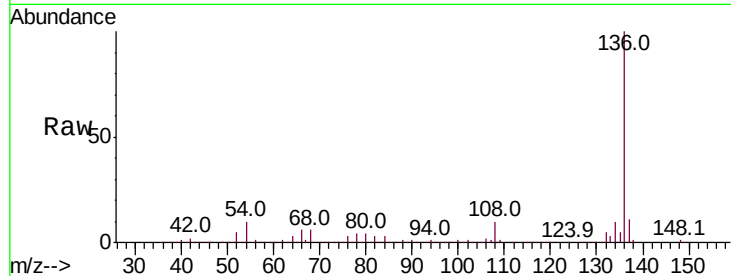
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 10.4 7.9 11.9

68 6.3 4.8 7.2

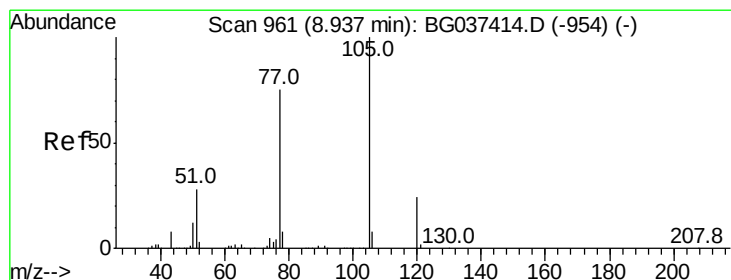
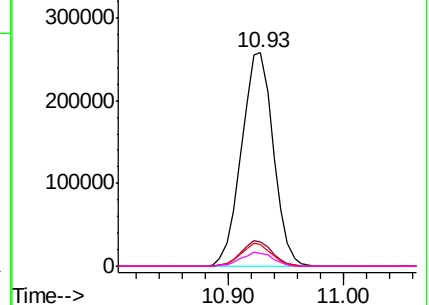


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.090 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Tgt Ion:105 Resp: 229315

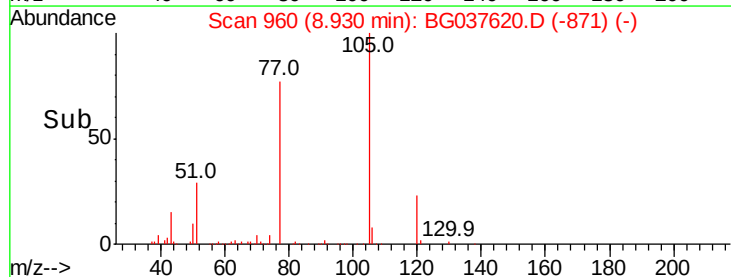
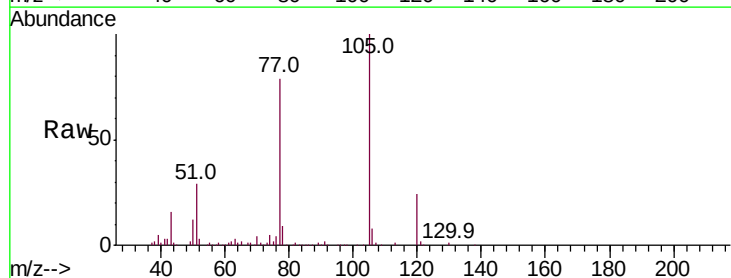
Ion Ratio Lower Upper

105 100

71 0.8 1.2 1.8#

51 29.3 25.0 37.6

120 23.5 18.6 28.0

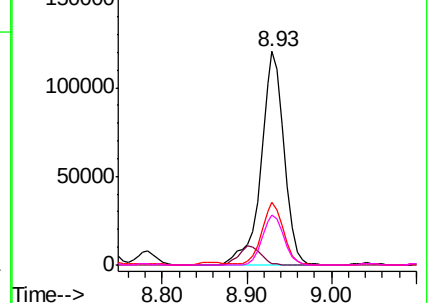


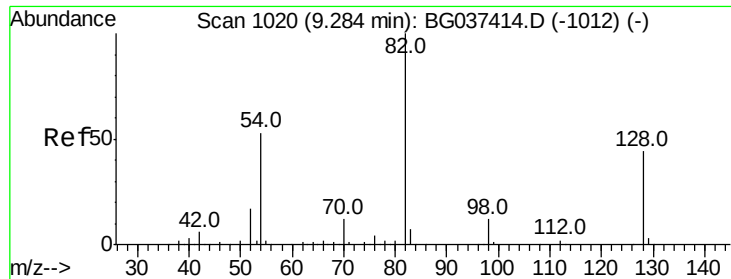
Abundance Ion 105.00 (104.70 to 105.70): E

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

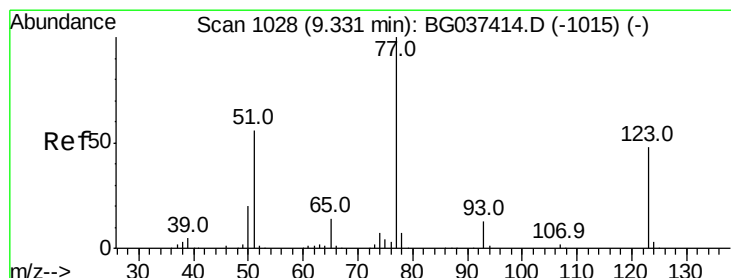
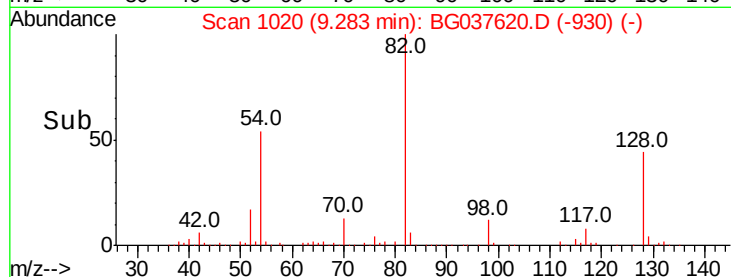
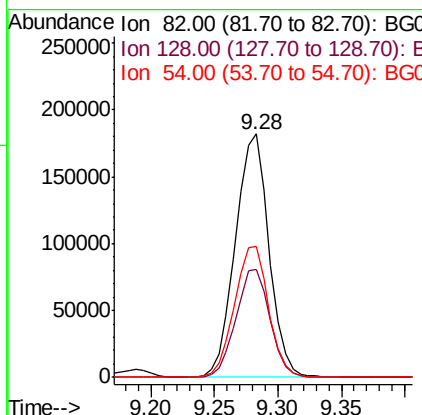
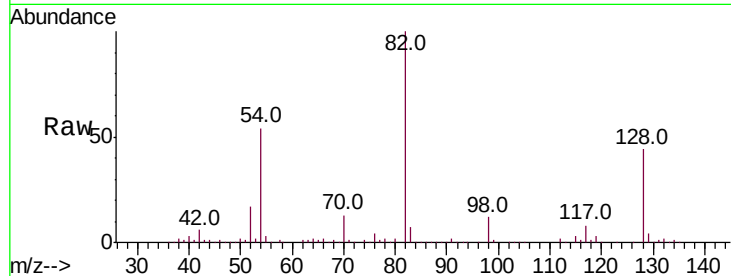




#23
 Nitrobenzene-d5
 Concen: 76.081 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

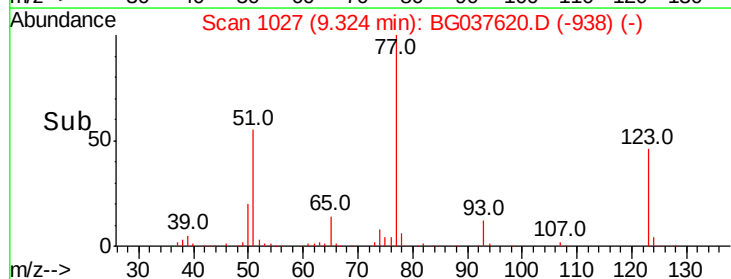
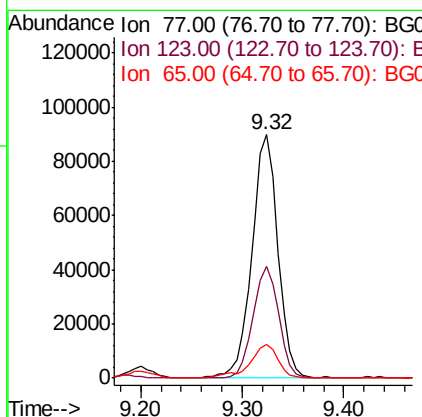
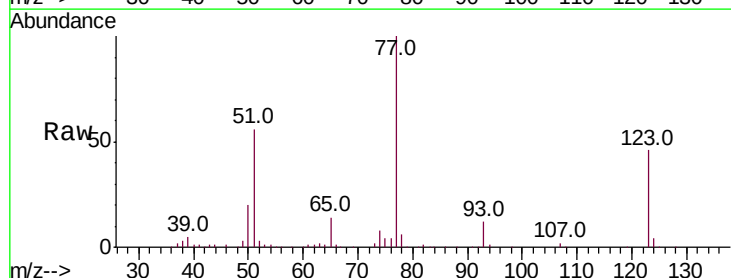
Instrument :
 BNA_G
 ClientSampled :
 MW-15MS

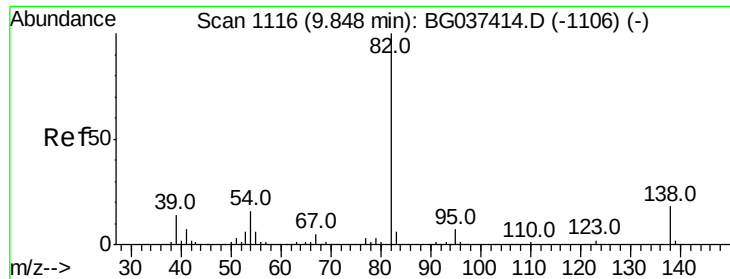
Tot Ion	82	Resp	334806
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	53.9	45.3	67.9



#24
 Nitrobenzene
 Concen: 35.202 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

Tgt Ion	77	Resp	160931
Ion	Ratio	Lower	Upper
77	100		
123	45.9	33.6	50.4
65	13.9	11.3	16.9

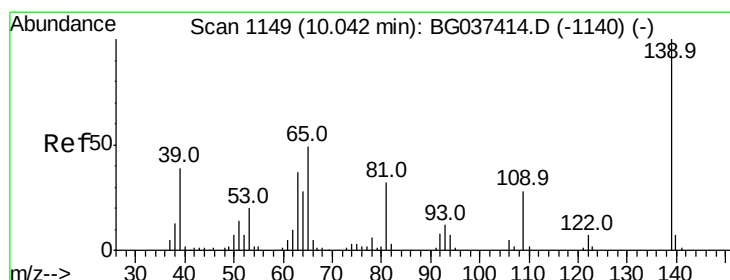
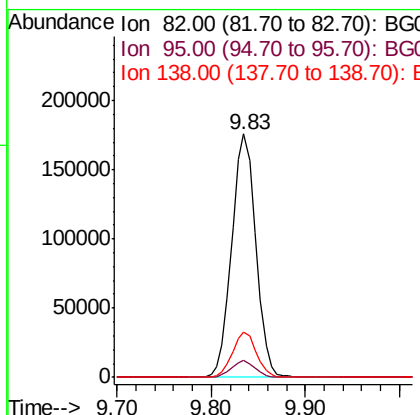
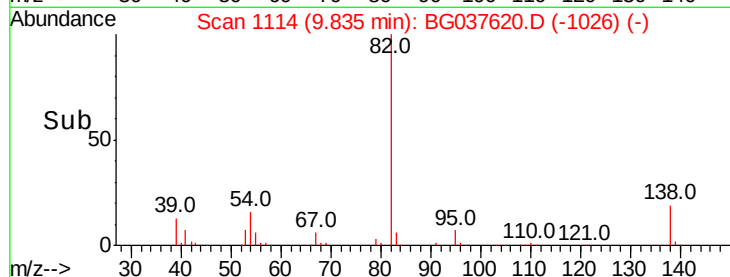
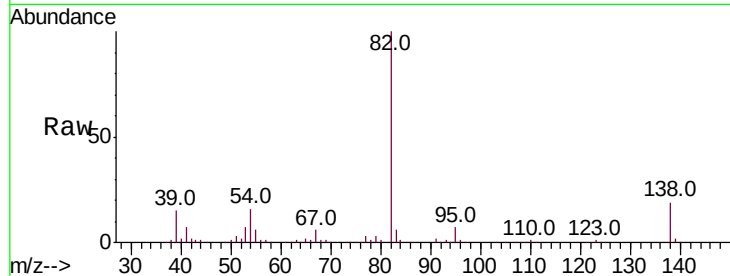




#25
Isophorone
Concen: 38.848 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

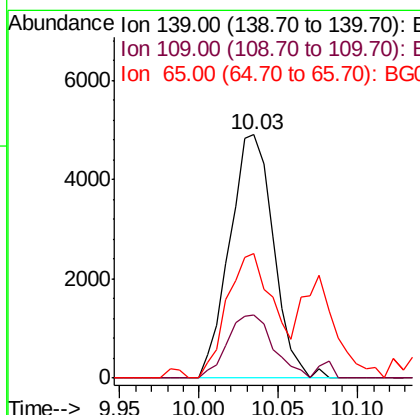
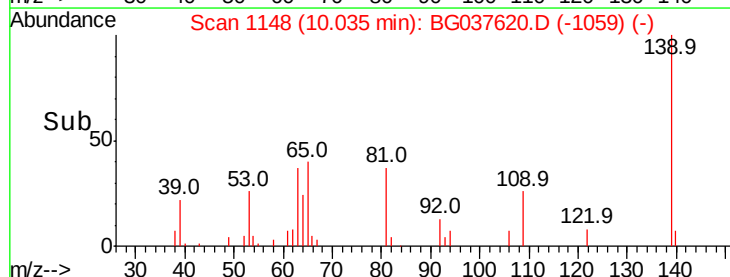
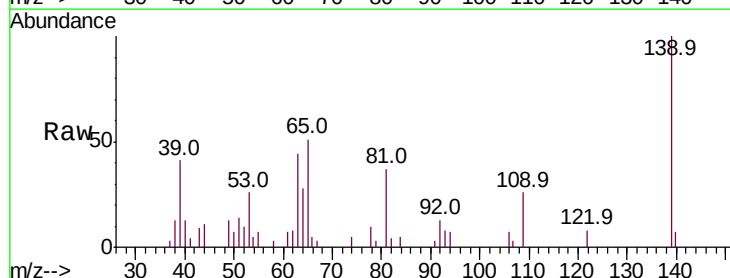
Instrument :
BNA_G
ClientSampleId :
MW-15MS

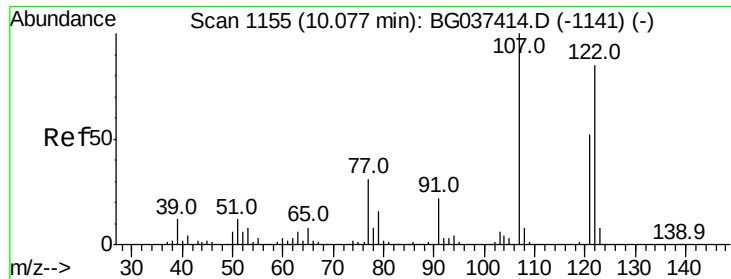
Tot Ion: 82 Resp: 312365
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.7 13.3 19.9



#26
2-Nitrophenol
Concen: 4.561 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion: 139 Resp: 9394
Ion Ratio Lower Upper
139 100
109 25.7 23.3 34.9
65 51.4 39.8 59.8

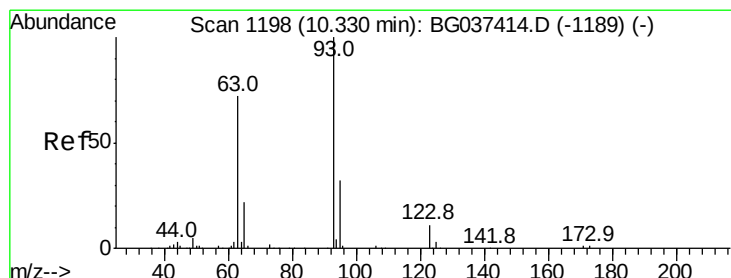
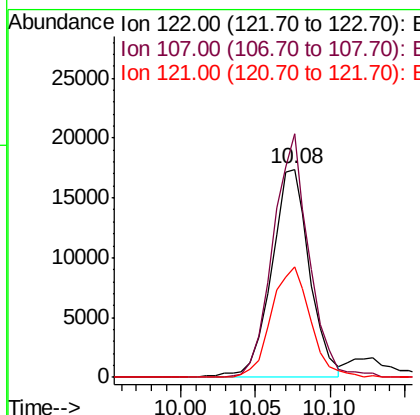
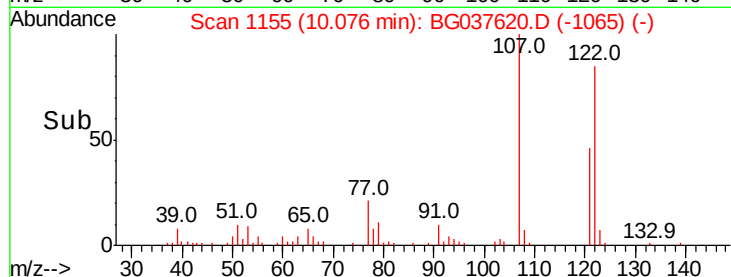
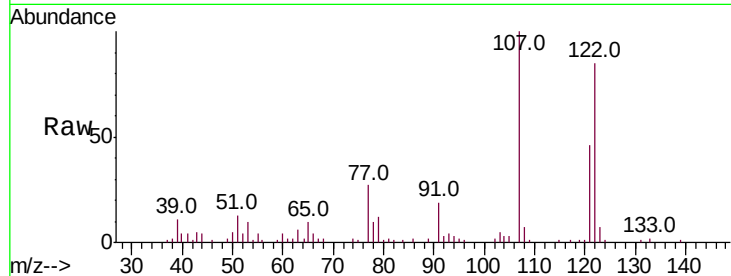




#27
2,4-Dimethylphenol
Concen: 8.386 ng
RT: 10.08 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

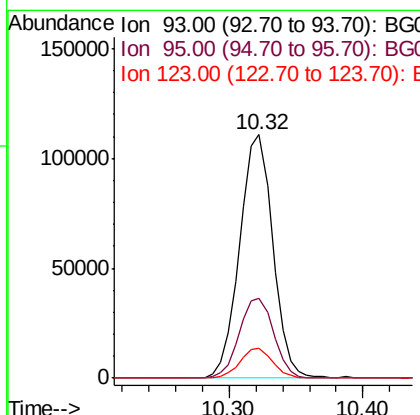
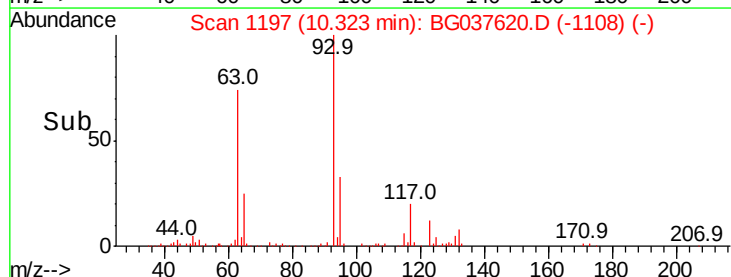
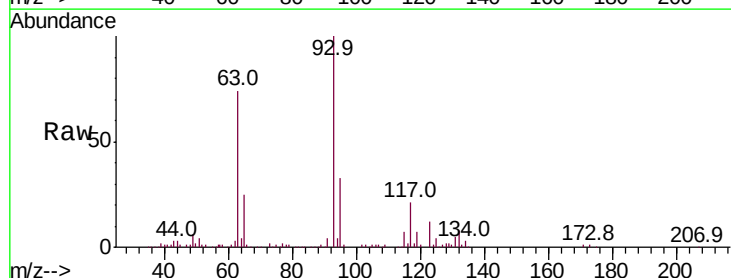
Instrument :
BNA_G
ClientSampleId :
MW-15MS

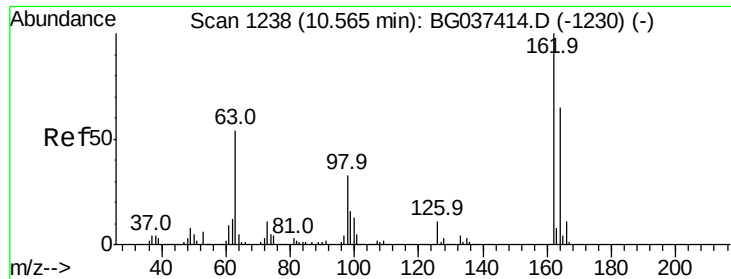
Tot Ion:122 Resp: 30835
Ion Ratio Lower Upper
122 100
107 117.0 94.2 141.2
121 53.4 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 36.165 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion: 93 Resp: 190522
Ion Ratio Lower Upper
93 100
95 33.0 24.6 37.0
123 12.4 9.1 13.7

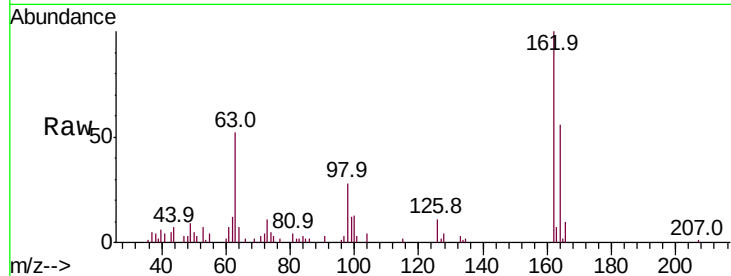




#29
 2,4-Dichlorophenol
 Concen: 4.853 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	56.4	43.2	83.2
98	28.1	16.0	56.0

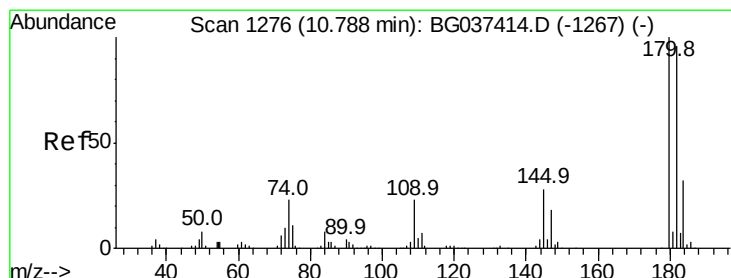
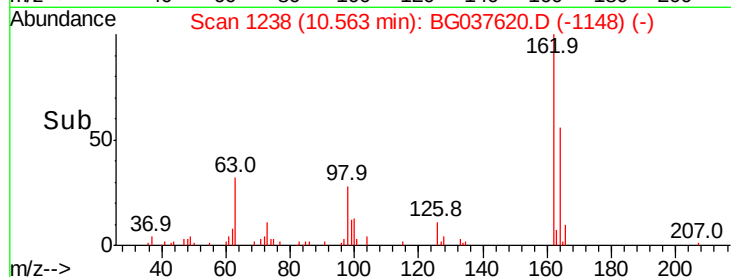
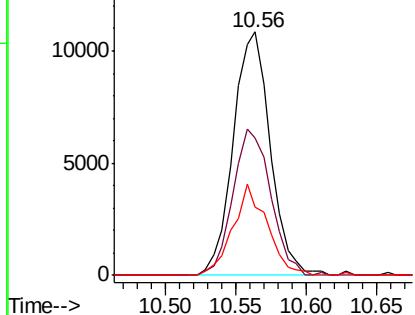


Abundance

Ion 162.00 (161.70 to 162.70): E

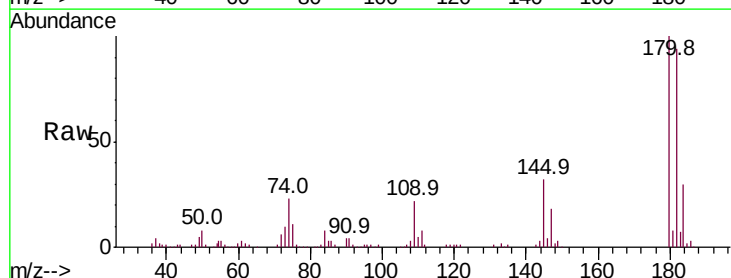
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 32.069 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.7	116.5
145	32.3	23.3	34.9

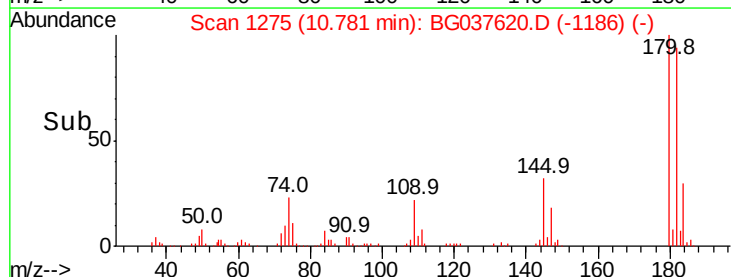
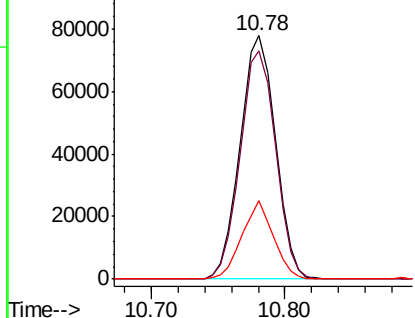


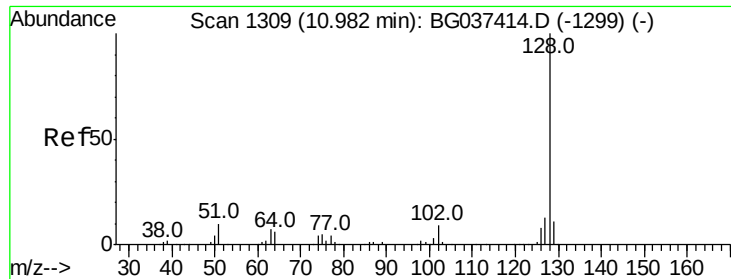
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

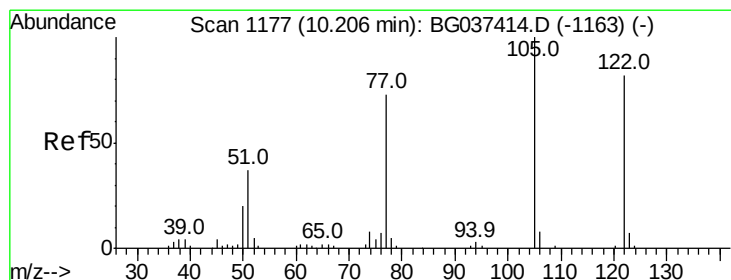
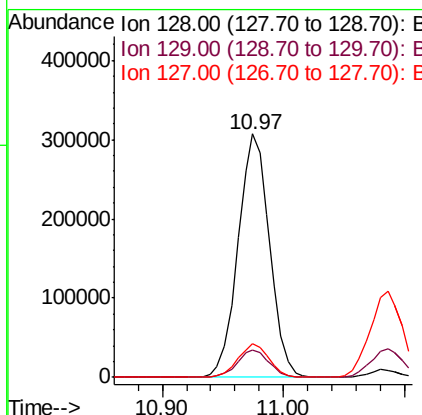
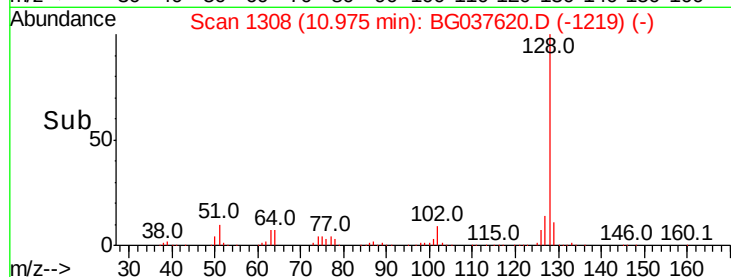
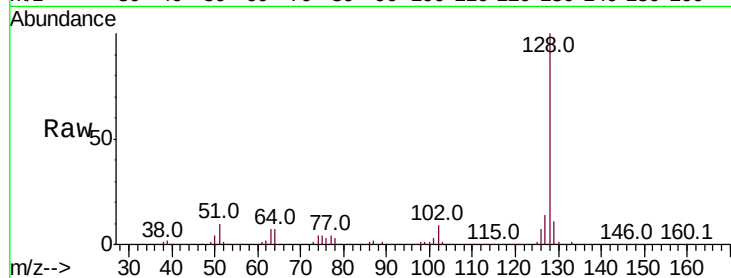




#31
Naphthalene
Concen: 45.951 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

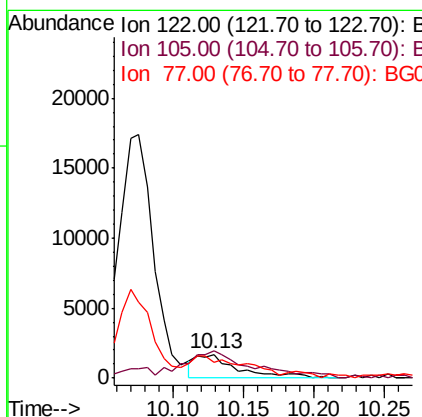
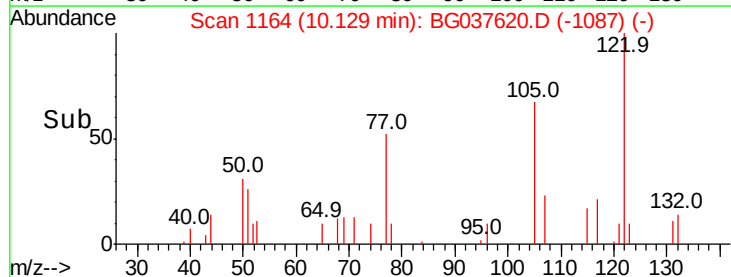
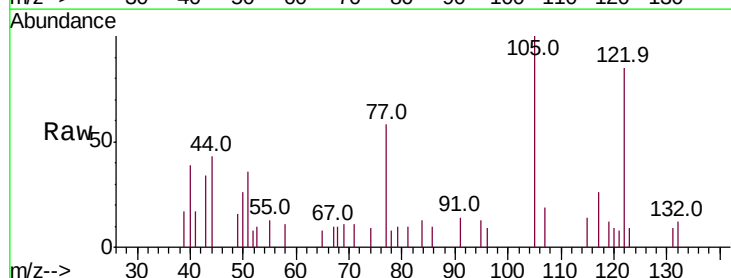
Instrument :
BNA_G
ClientSampleId :
MW-15MS

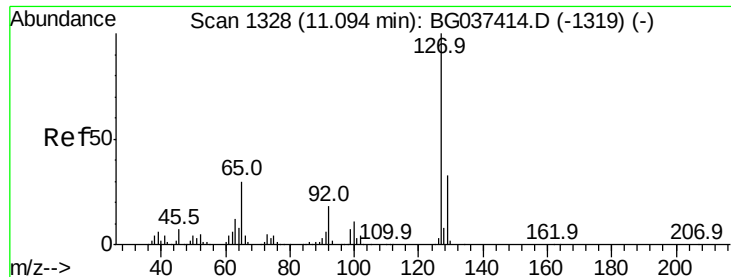
Tot Ion:128 Resp: 556395
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 1.480 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.08 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:122 Resp: 3535
Ion Ratio Lower Upper
122 100
105 117.6 106.7 146.7
77 68.1 72.2 112.2#

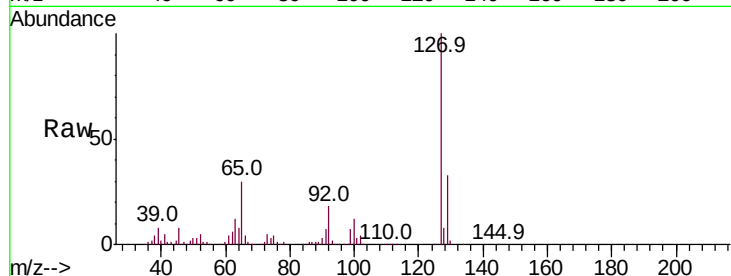




#33
4-Chloroaniline
Concen: 35.941 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion:	127	Resp:	204481
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.1	40.7
65	29.6	26.6	39.8
92	18.4	16.4	24.6



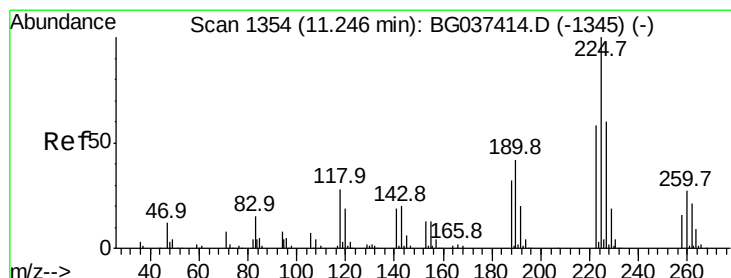
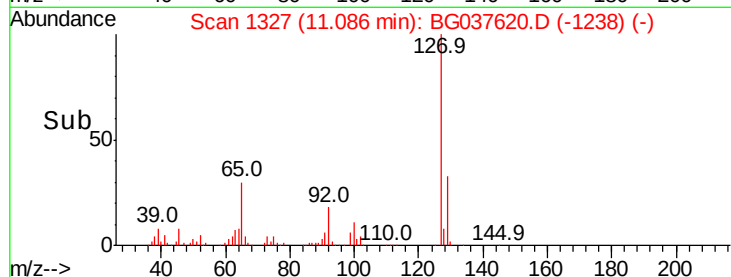
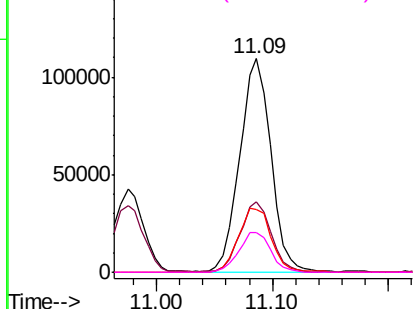
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

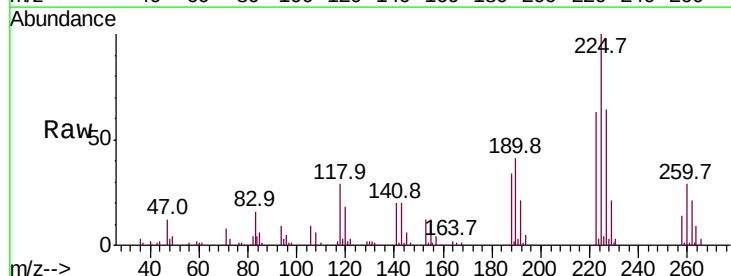
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 30.398 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:	225	Resp:	80215
Ion	Ratio	Lower	Upper
225	100		
223	66.1	48.2	72.4
227	67.0	51.6	77.4

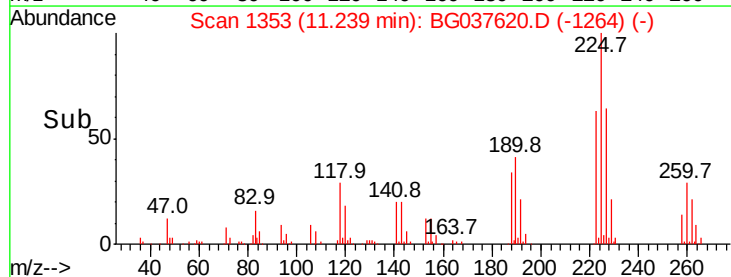
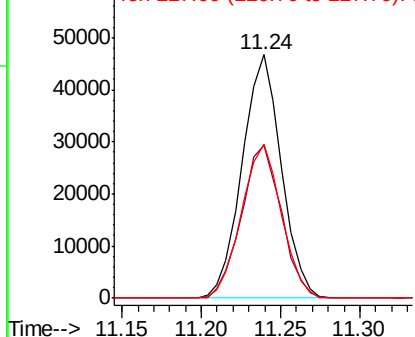


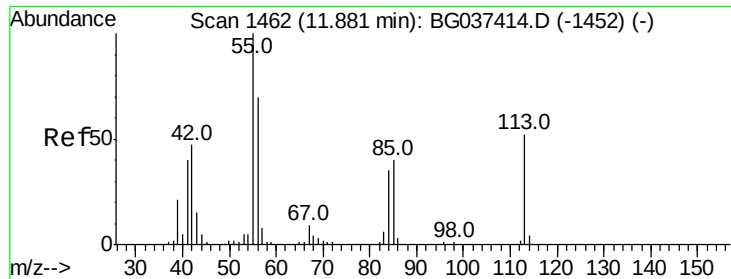
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.878 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampled :

MW-15MS

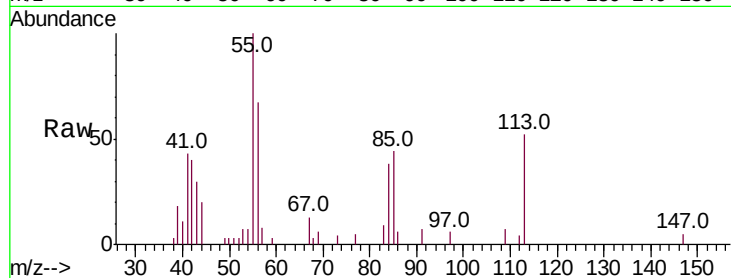
Tot Ion:113 Resp: 6368

Ion Ratio Lower Upper

113 100

55 191.1 176.6 216.6

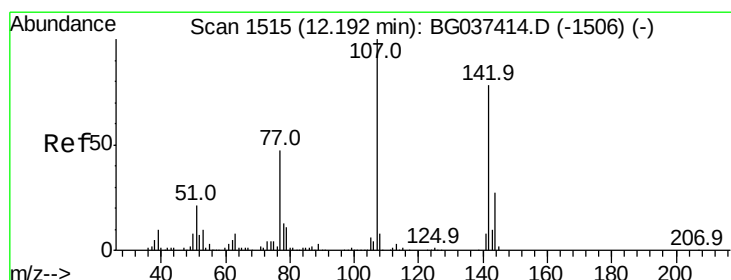
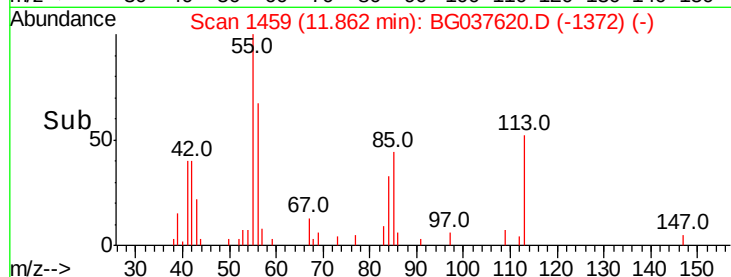
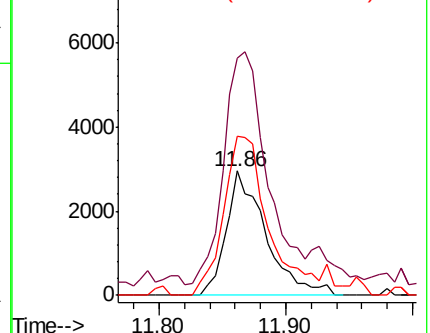
56 128.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 5.226 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

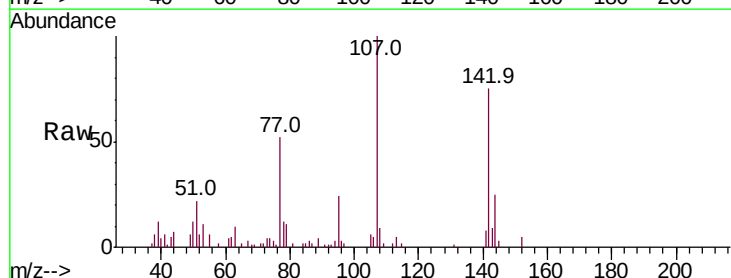
Tgt Ion:107 Resp: 24131

Ion Ratio Lower Upper

107 100

144 25.2 20.7 31.1

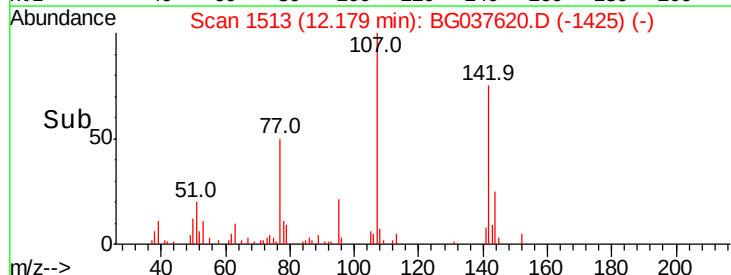
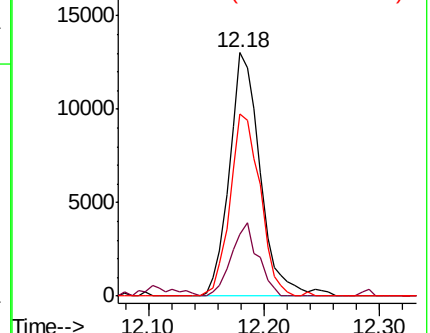
142 75.0 64.4 96.6

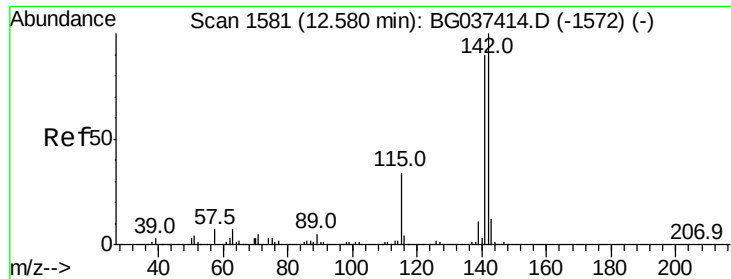


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.371 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

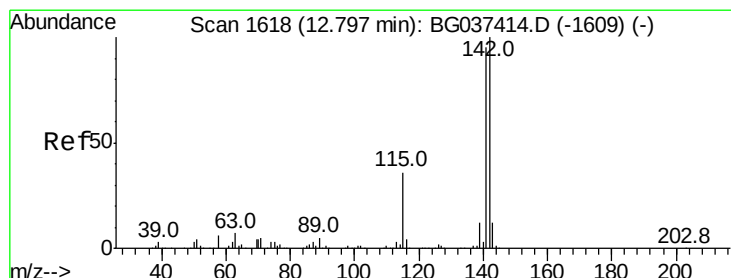
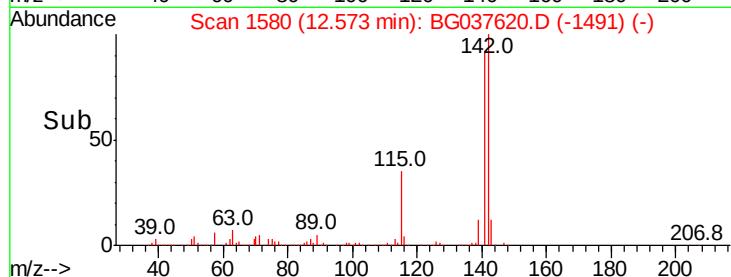
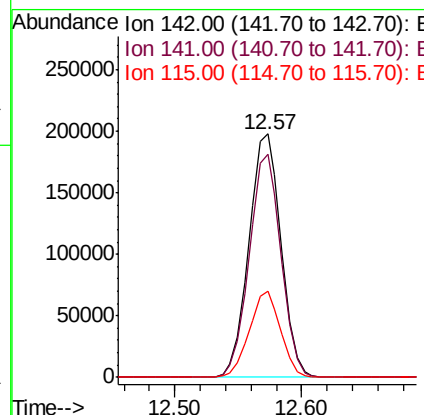
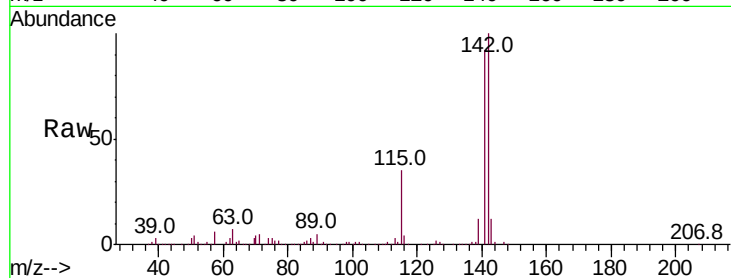
Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion:142 Resp: 347510

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
115	35.2	27.8	41.8



#38

1-Methylnaphthalene

Concen: 83.797 ng

RT: 12.79 min Scan# 1617

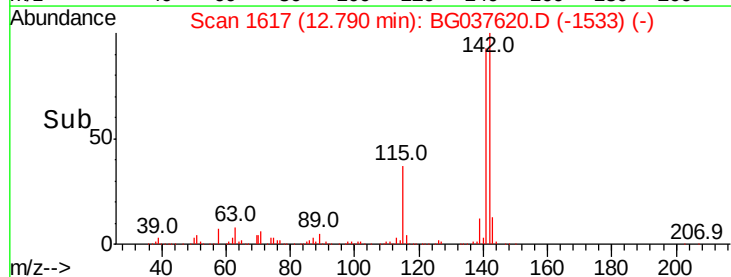
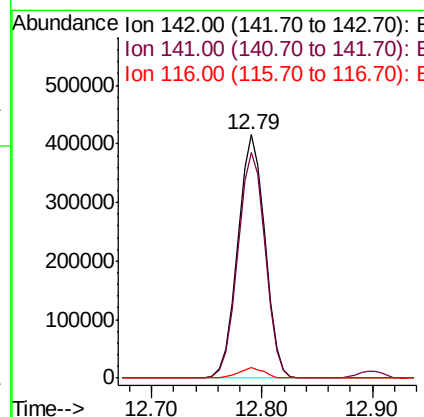
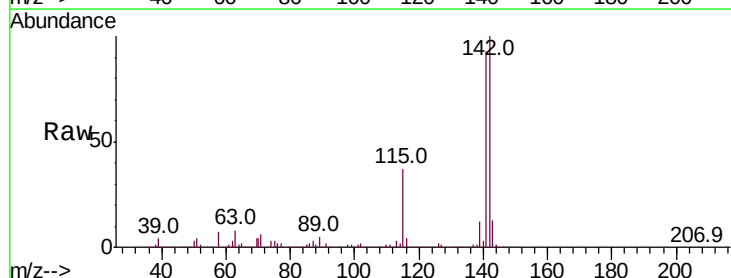
Delta R.T. -0.01 min

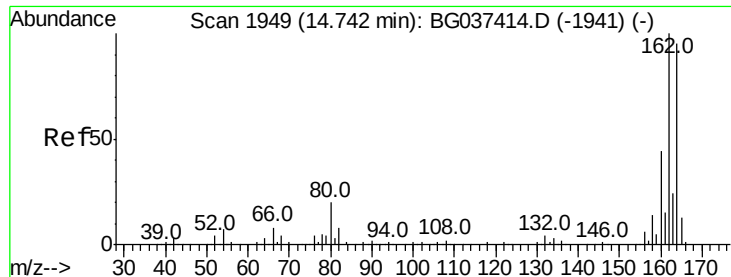
Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Tgt Ion:142 Resp: 718297

Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.2	112.8
116	4.3	3.3	4.9





#39

Acenaphthene-d10

Concen: 40.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

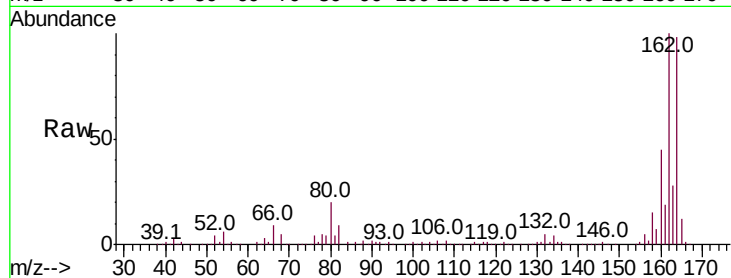
BNA_G

ClientSampleId :

MW-15MS

Tot Ion:164 Resp: 324135

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	46.0	36.3	54.5

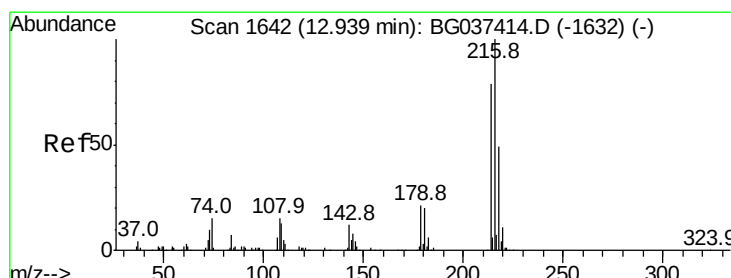
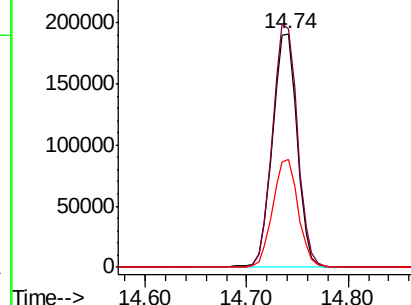
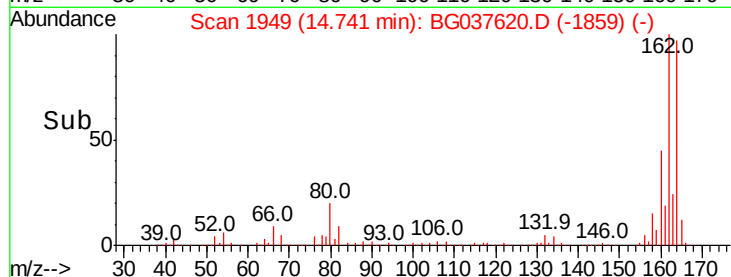


Abundance

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: 30.774 ng

RT: 12.93 min Scan# 1641

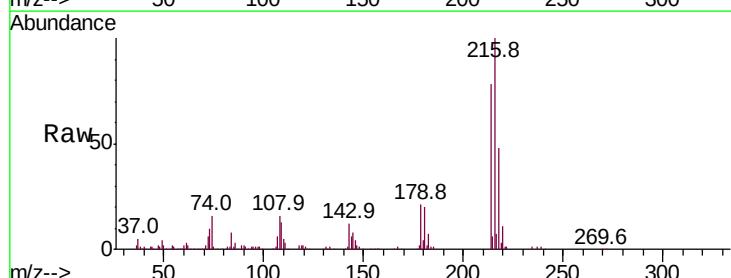
Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Tgt Ion:216 Resp: 160875

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	21.5	17.4	26.0
108	19.1	13.9	20.9



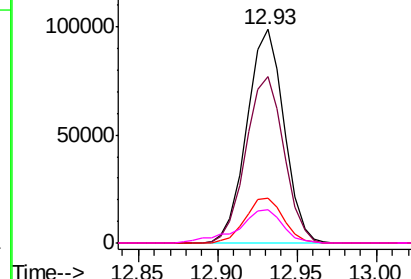
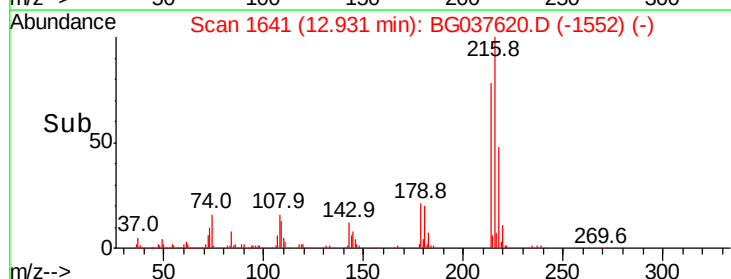
Abundance

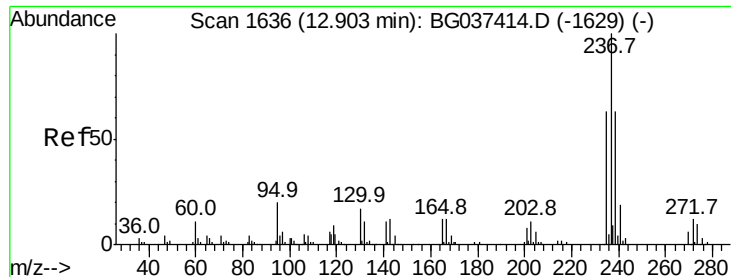
Ion 216.00 (215.70 to 216.70): E

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

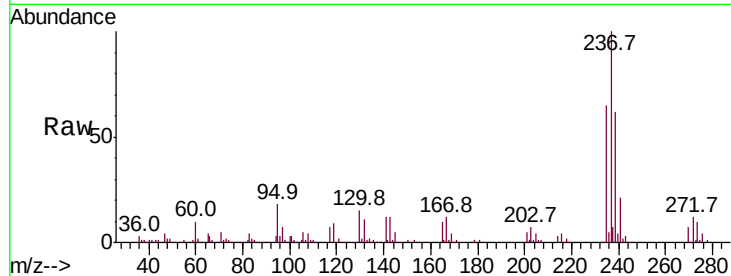




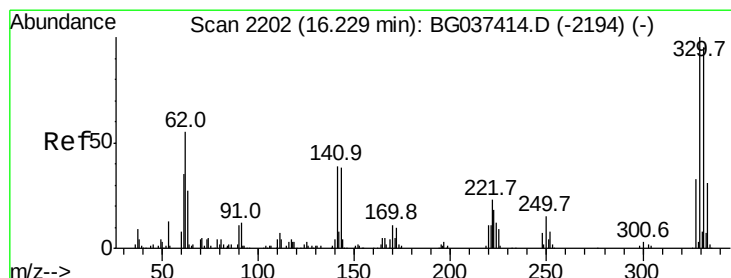
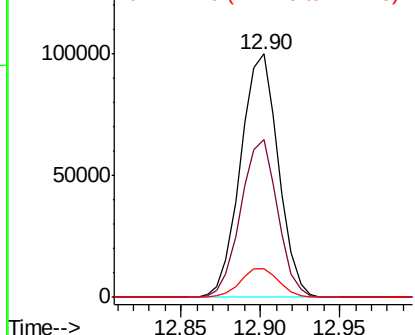
#41
Hexachlorocyclopentadiene
Concen: 66.140 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.9	42.5	82.5
272	11.9	0.0	31.6

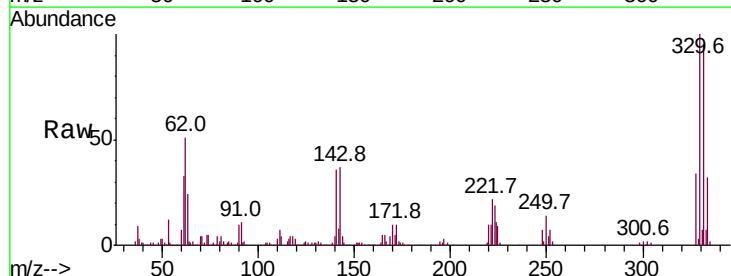


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

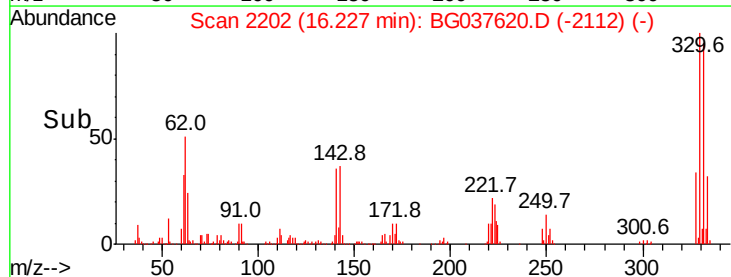
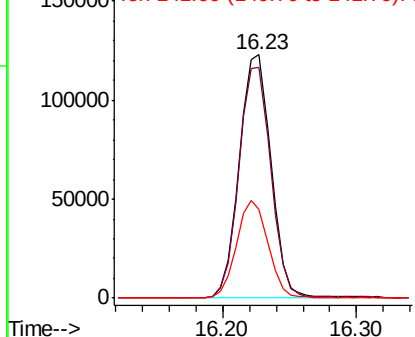


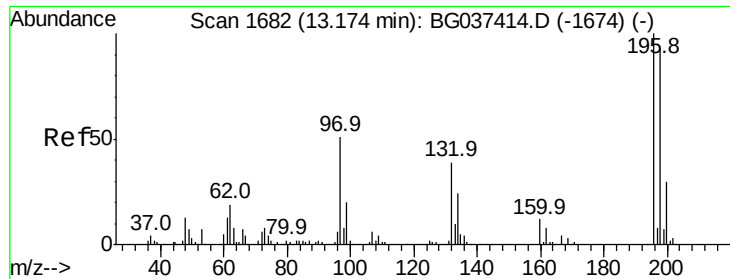
#42
2,4,6-Tribromophenol
Concen: 114.317 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	40.3	32.2	48.2



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

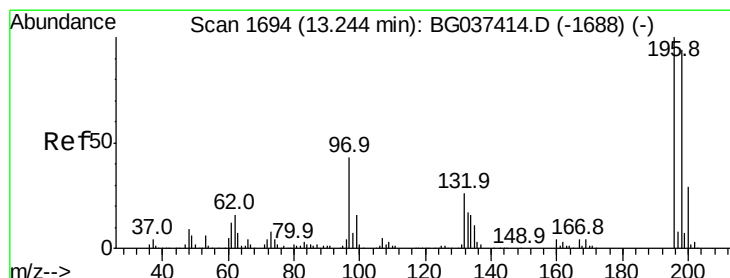
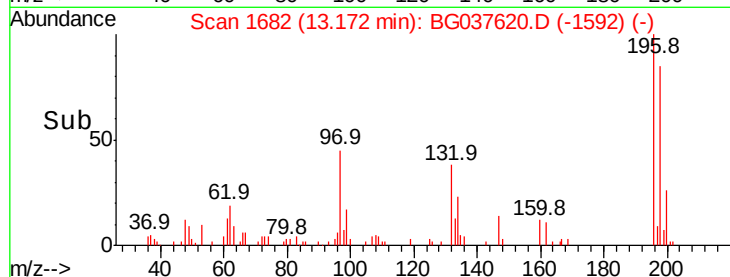
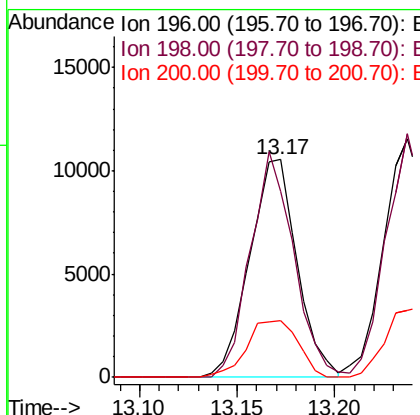
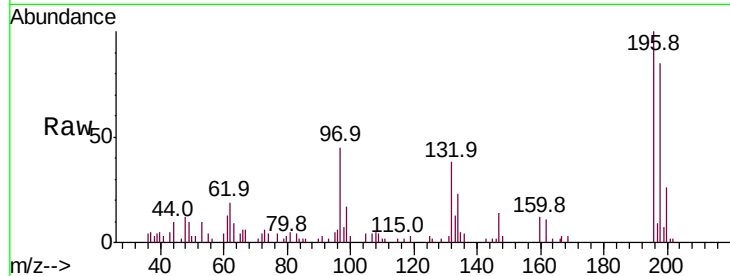




#43
 2,4,6-Trichlorophenol
 Concen: 5.086 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

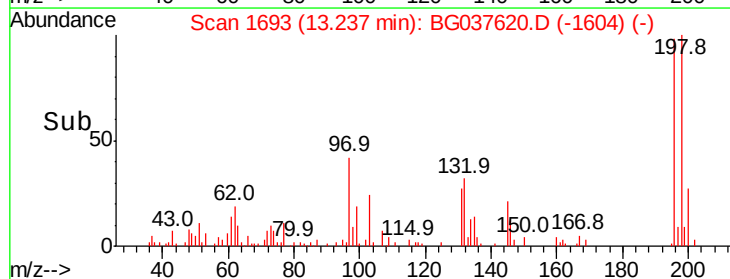
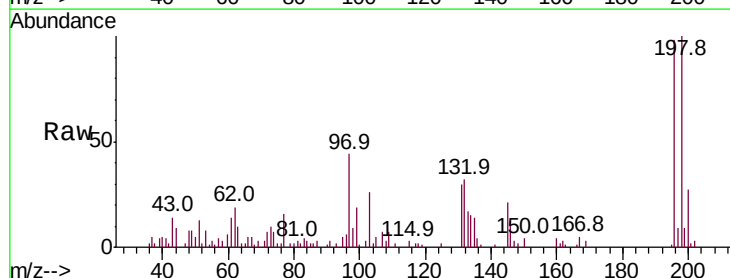
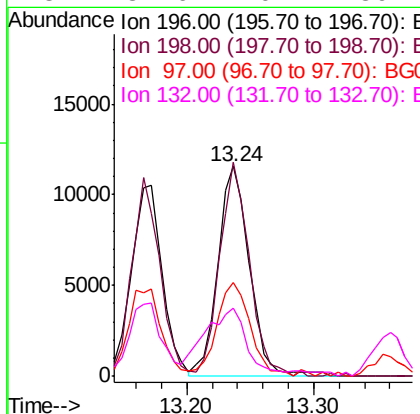
Instrument :
 BNA_G
 ClientSampleId :
 MW-15MS

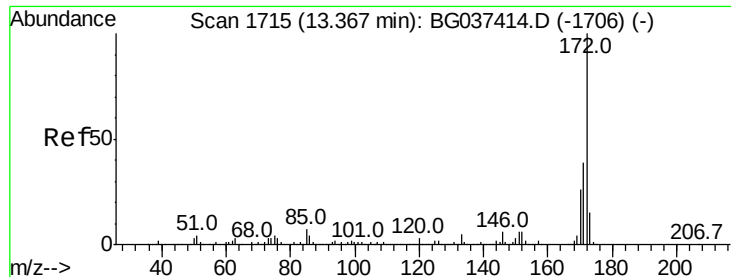
Tot Ion:196 Resp: 17762
 Ion Ratio Lower Upper
 196 100
 198 85.3 76.4 114.6
 200 26.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 5.244 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

Tgt Ion:196 Resp: 19941
 Ion Ratio Lower Upper
 196 100
 198 102.0 74.2 111.2
 97 44.4 34.1 51.1
 132 32.6 20.2 30.4#

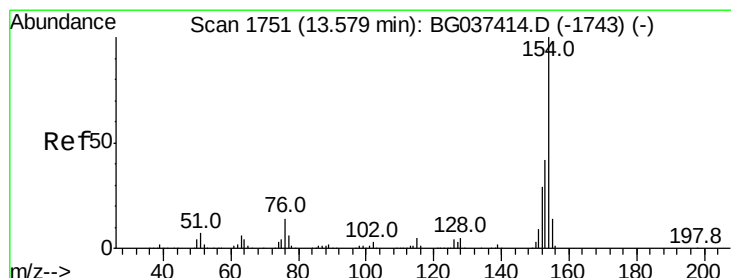
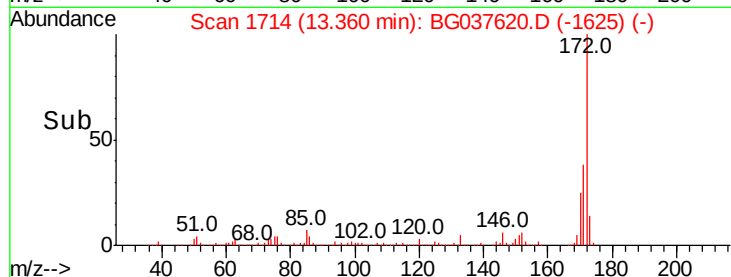
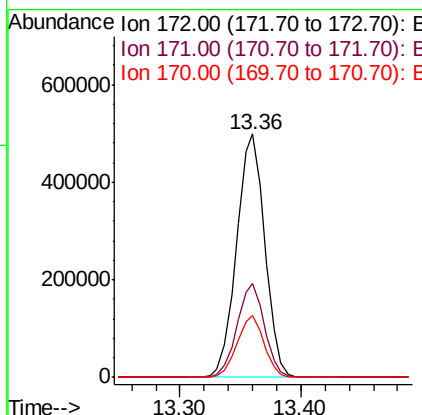
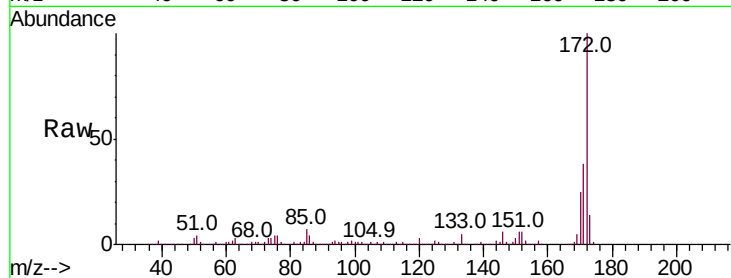




#45
2-Fluorobiphenyl
Concen: 75.423 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

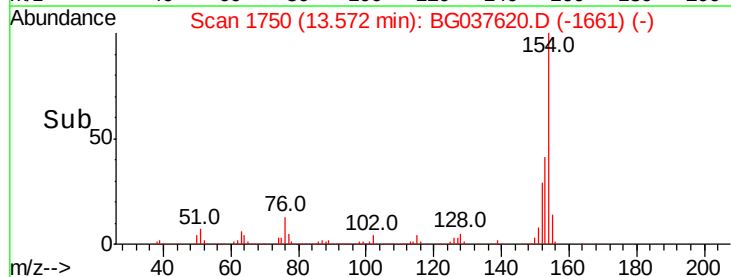
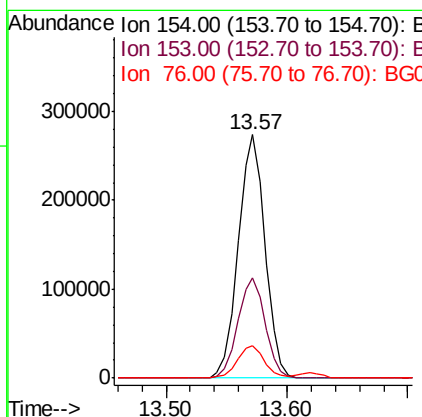
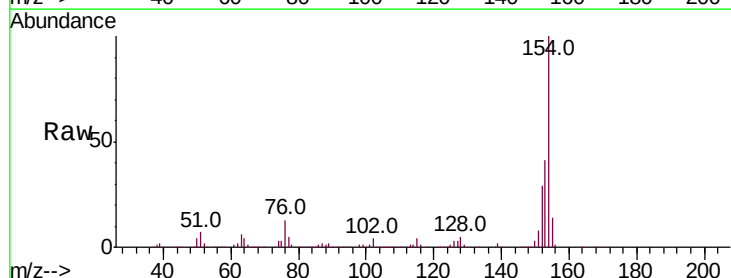
Instrument :
BNA_G
ClientSampleId :
MW-15MS

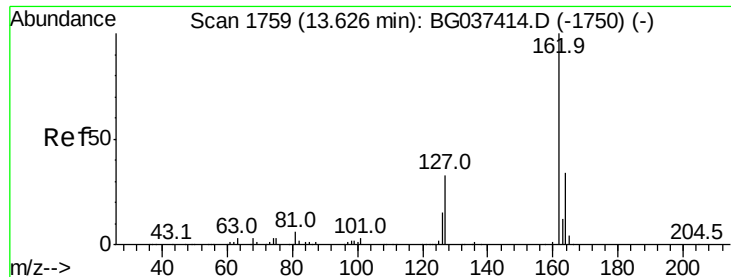
Tot Ion:172 Resp: 810614
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 25.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 31.420 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:154 Resp: 421712
Ion Ratio Lower Upper
154 100
153 41.4 22.1 62.1
76 13.1 0.0 33.2

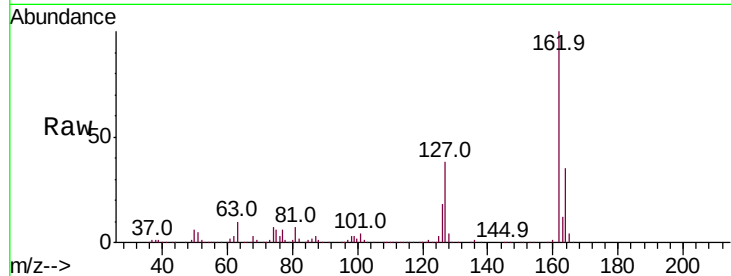




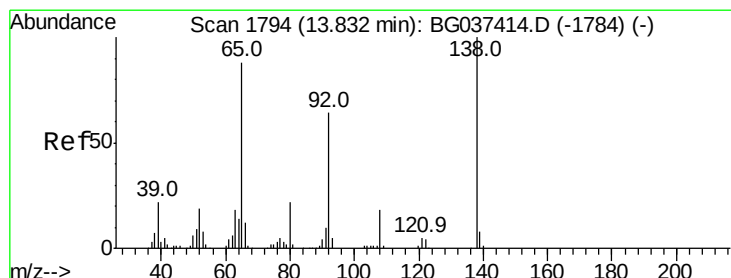
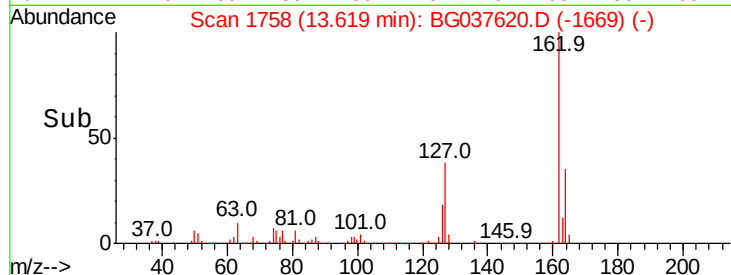
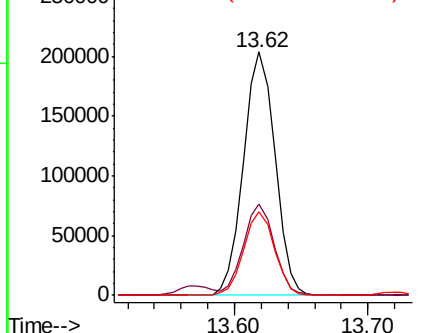
#47
 2-Chloronaphthalene
 Concen: 32.747 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.5	45.7
164	34.5	26.4	39.6

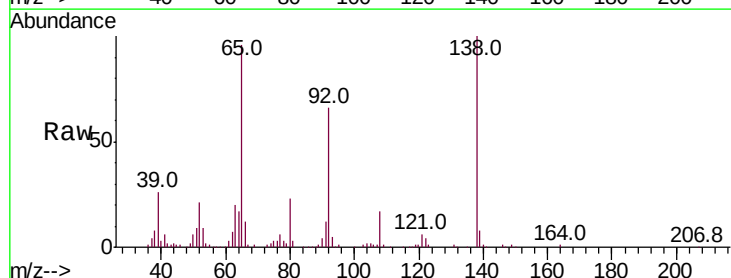


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

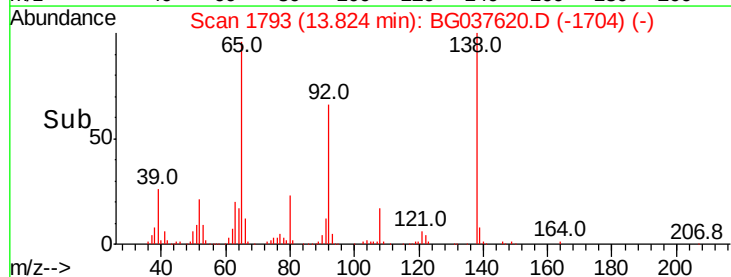
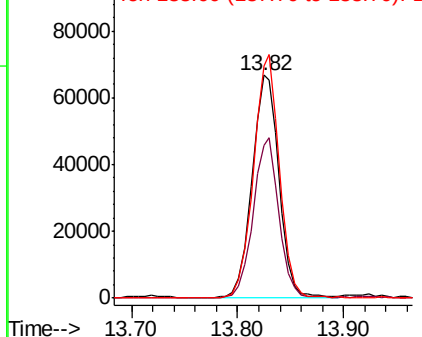


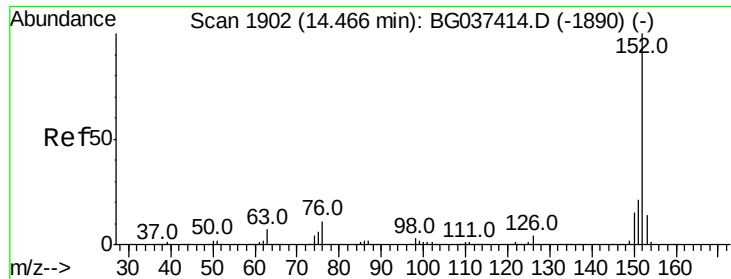
#48
 2-Nitroaniline
 Concen: 38.300 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.2	79.8
138	104.0	79.3	118.9



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: 36.448 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

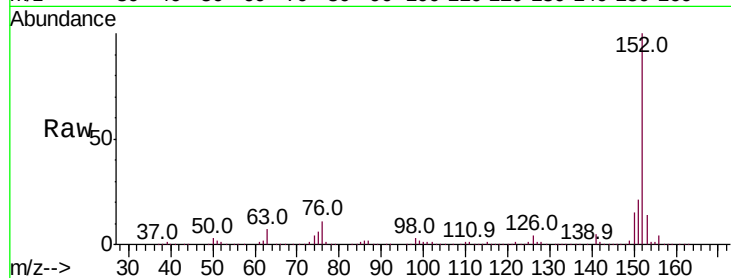
Tot Ion:152 Resp: 556739

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

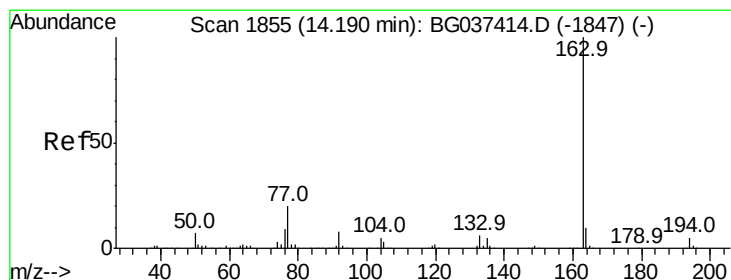
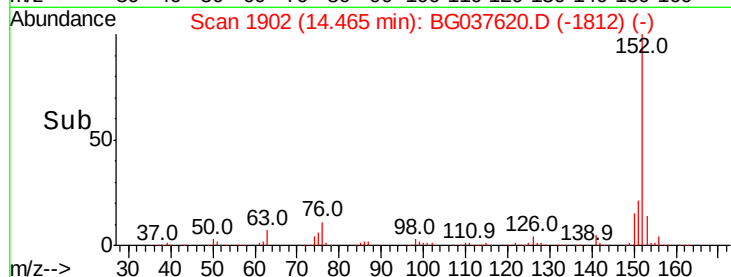
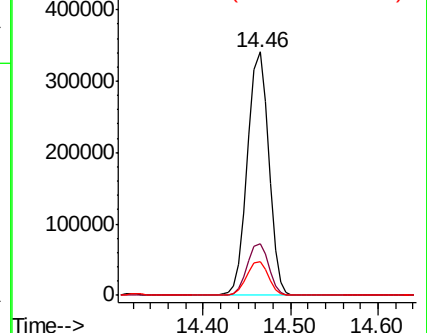
153 13.9 11.1 16.7



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: 36.885 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

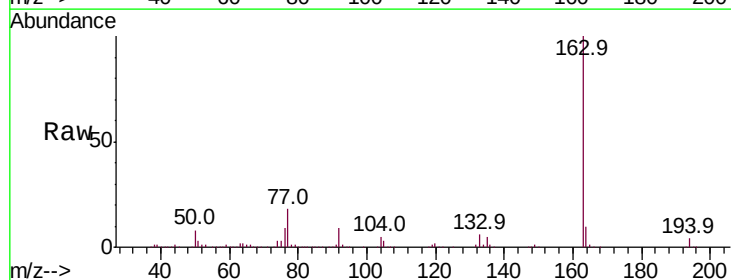
Tgt Ion:163 Resp: 462462

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

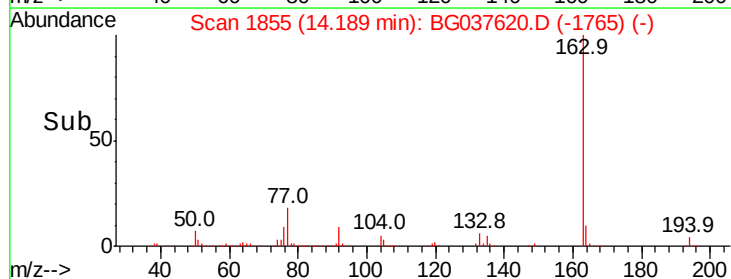
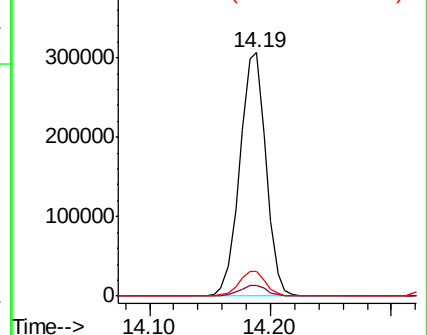
164 10.3 8.5 12.7

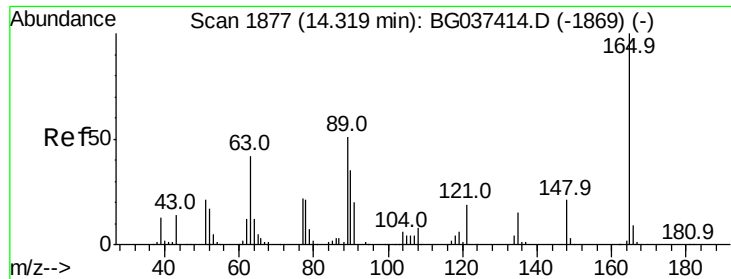


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.289 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

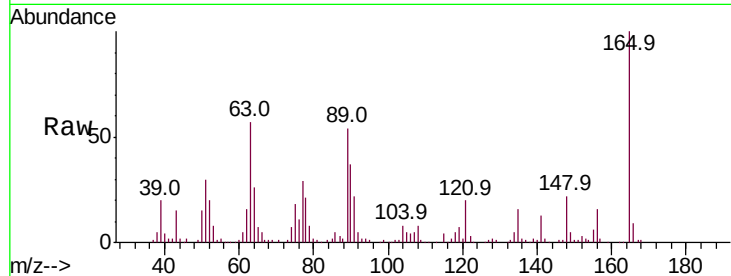
Tot Ion:165 Resp: 97879

Ion Ratio Lower Upper

165 100

63 57.2 43.4 65.2

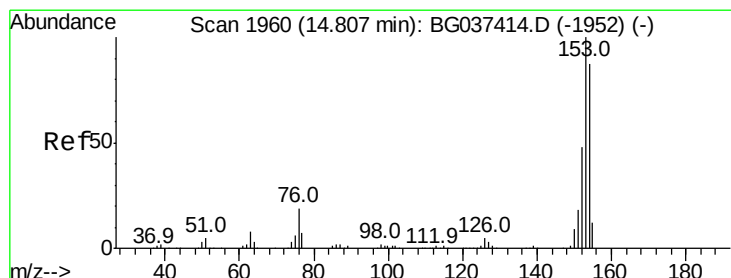
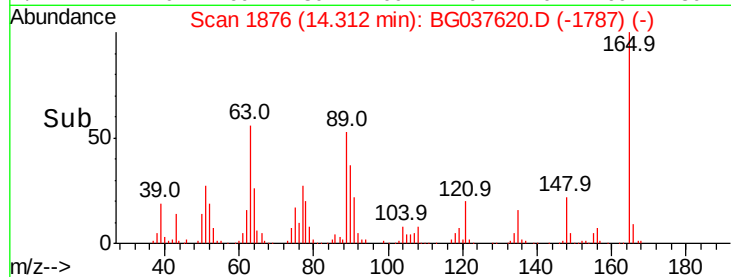
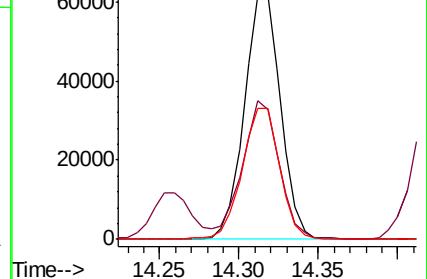
89 53.7 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 35.121 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

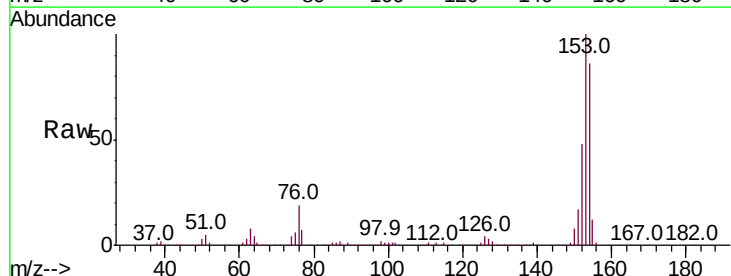
Tgt Ion:154 Resp: 330392

Ion Ratio Lower Upper

154 100

153 116.3 93.4 140.0

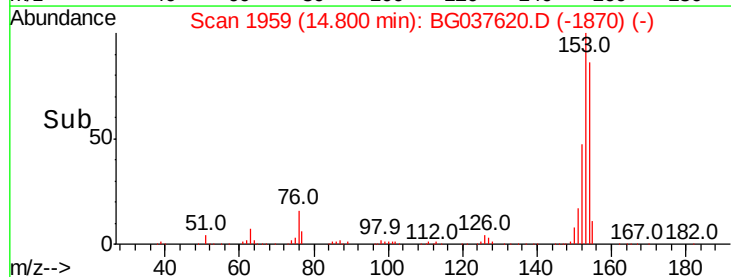
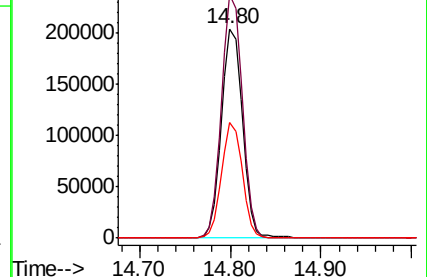
152 55.2 44.7 67.1

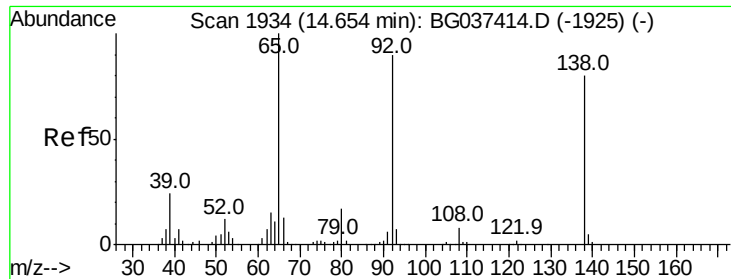


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

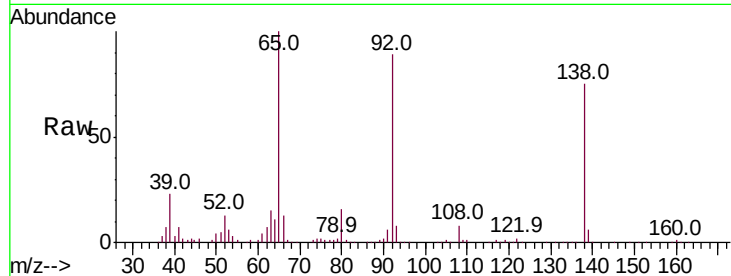




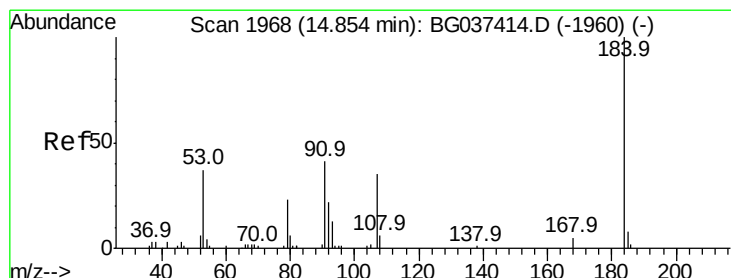
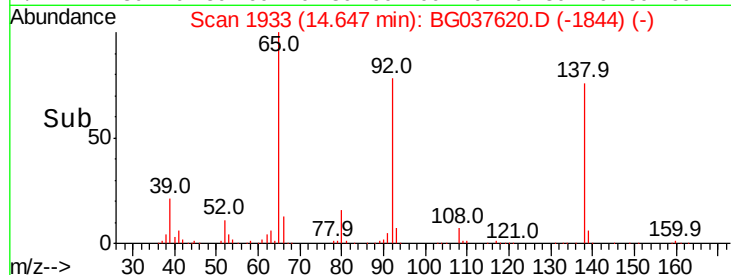
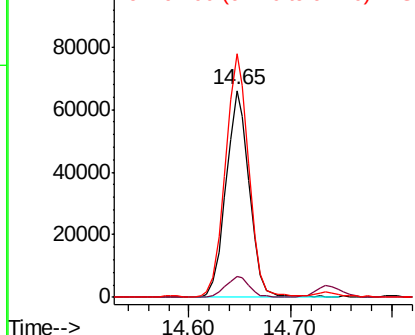
#53
3-Nitroaniline
Concen: 34.120 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion:138 Resp: 105059
Ion Ratio Lower Upper
138 100
108 10.0 11.0 16.6#
92 117.9 95.2 142.8

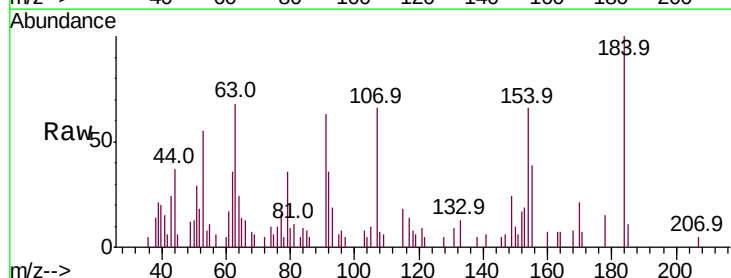


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

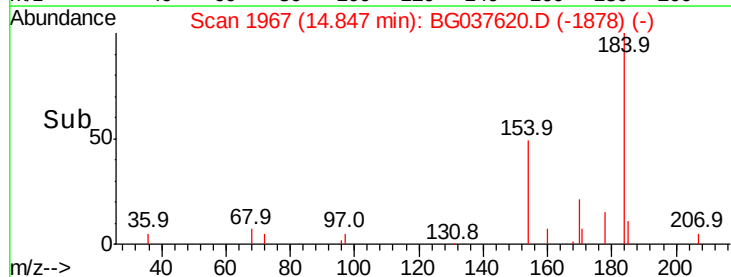
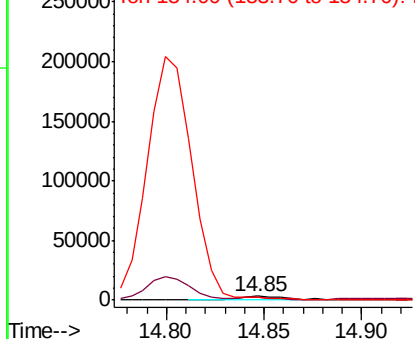


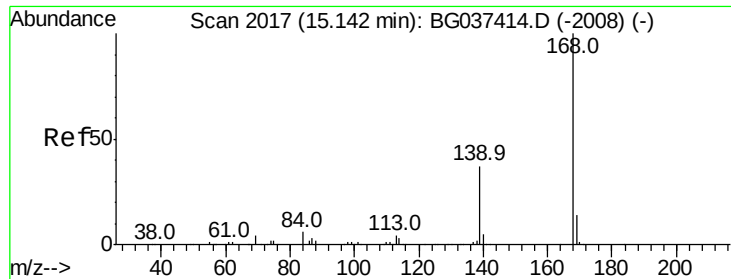
#54
2,4-Dinitrophenol
Concen: 21.103 ng
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:184 Resp: 5909
Ion Ratio Lower Upper
184 100
63 68.4 42.6 63.8#
154 65.7 41.8 62.6#



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

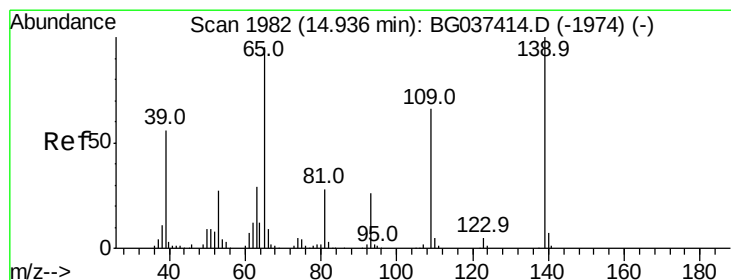
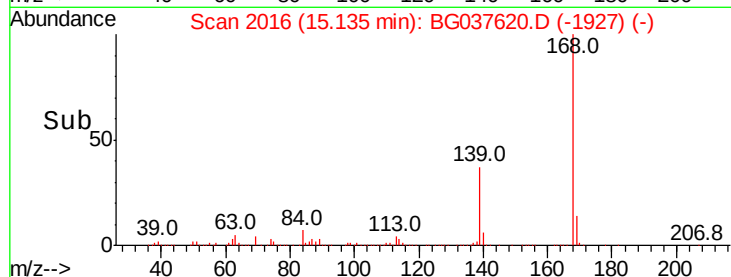
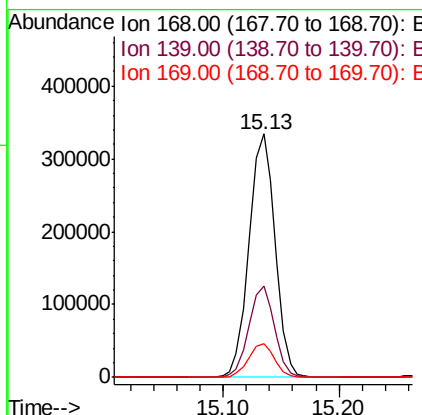
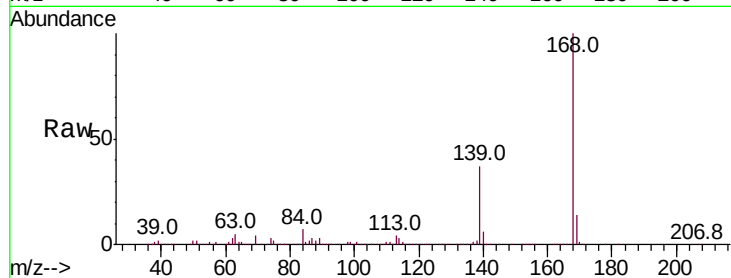




#55
Dibenzofuran
Concen: 33.632 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

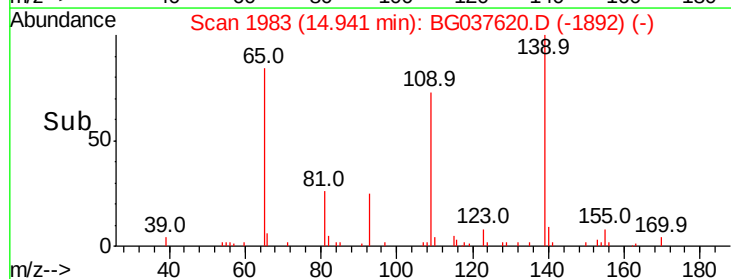
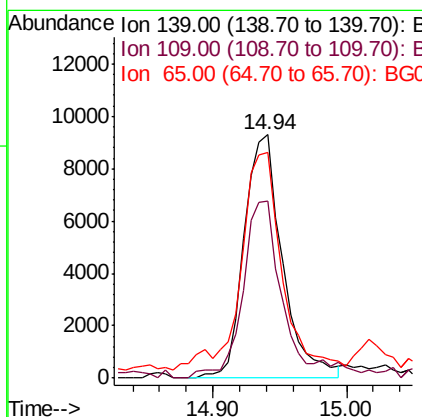
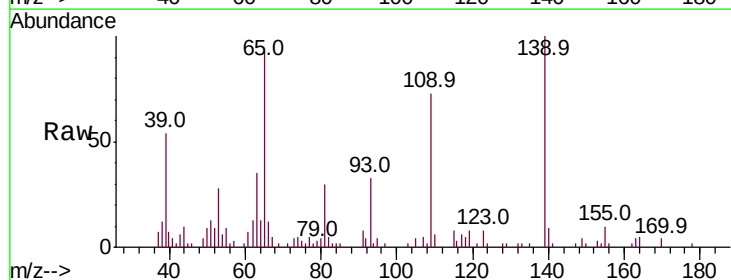
Instrument :
BNA_G
ClientSampleId :
MW-15MS

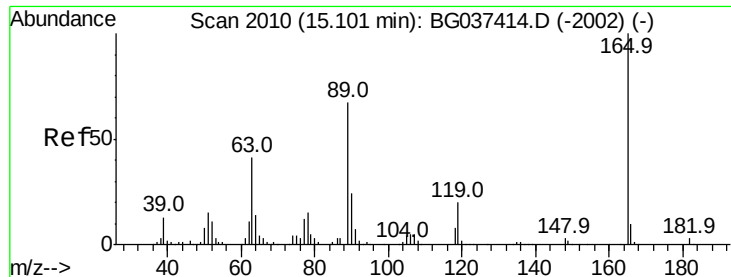
Tot Ion:168 Resp: 524200
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 8.074 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:139 Resp: 18402
Ion Ratio Lower Upper
139 100
109 72.9 49.5 89.5
65 92.6 76.8 116.8

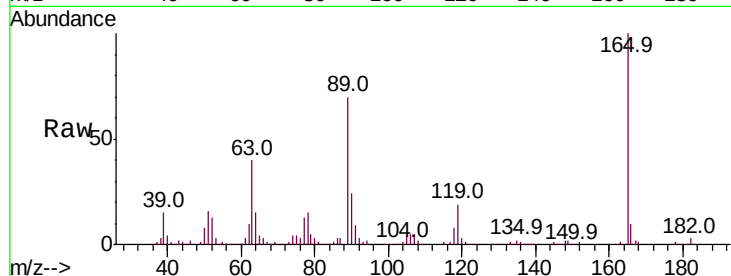




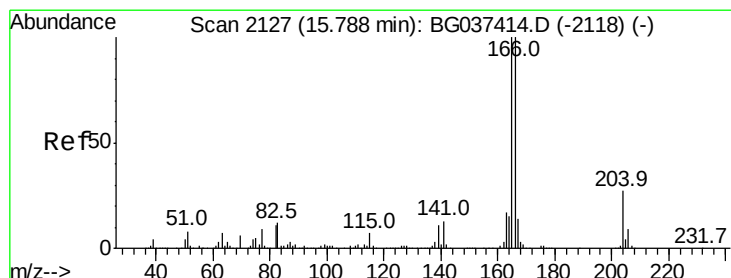
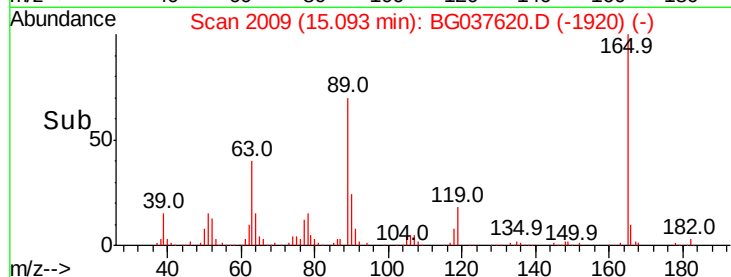
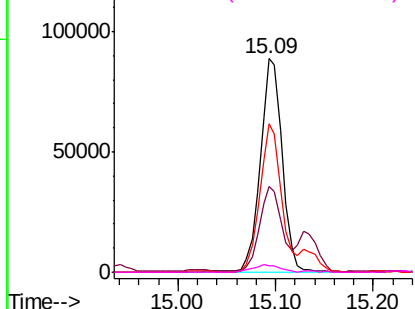
#57
2,4-Dinitrotoluene
Concen: 38.294 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion:165 Resp: 139424
Ion Ratio Lower Upper
165 100
63 40.1 33.4 50.0
89 69.5 57.2 85.8
182 3.0 2.6 4.0

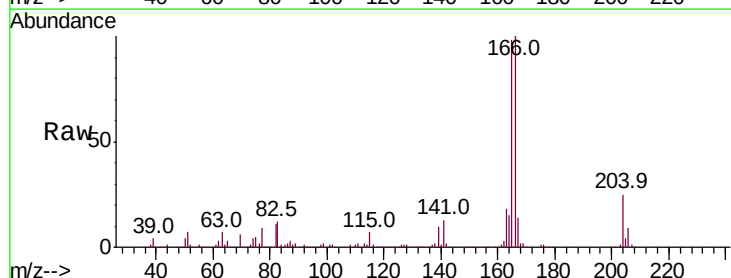


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

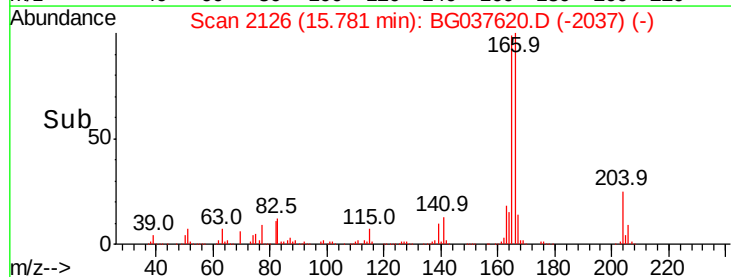
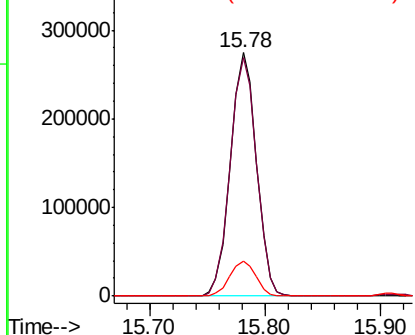


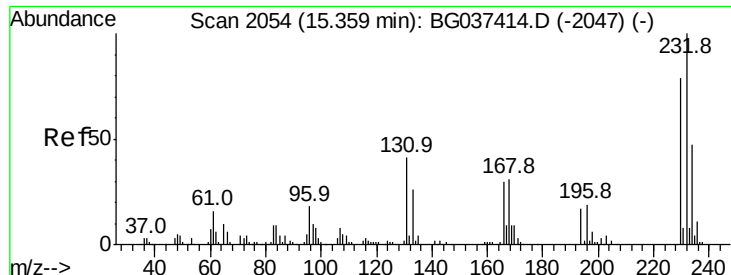
#58
Fluorene
Concen: 36.718 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:166 Resp: 428570
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 14.3 11.3 16.9



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

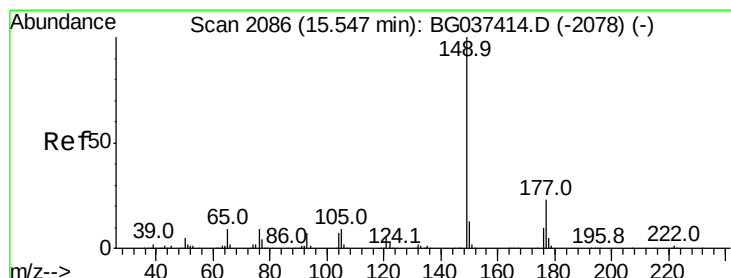
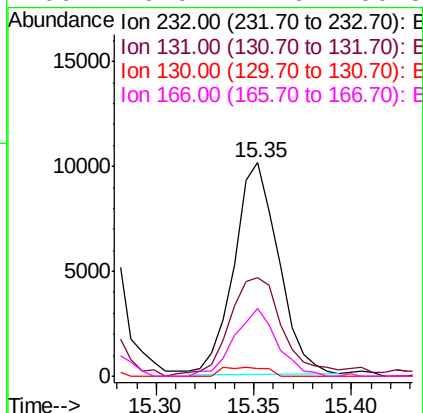
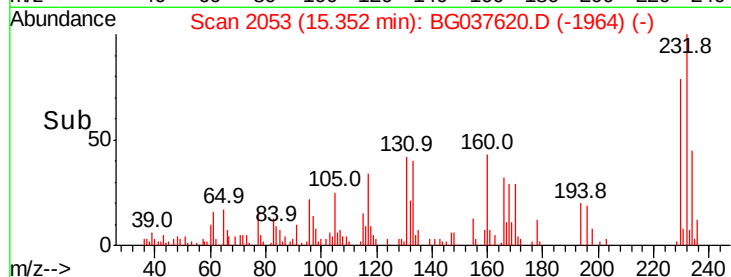
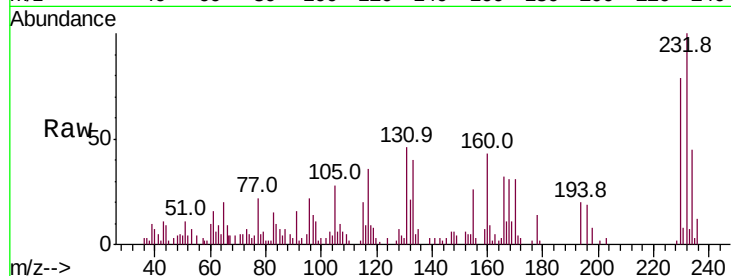




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.865 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

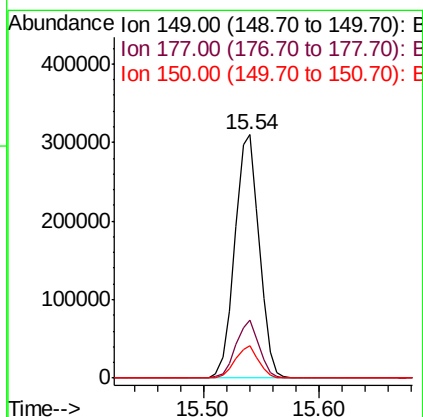
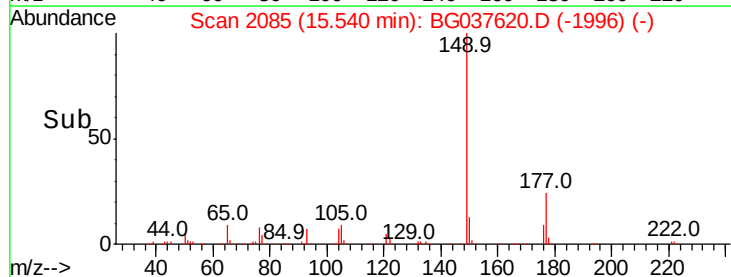
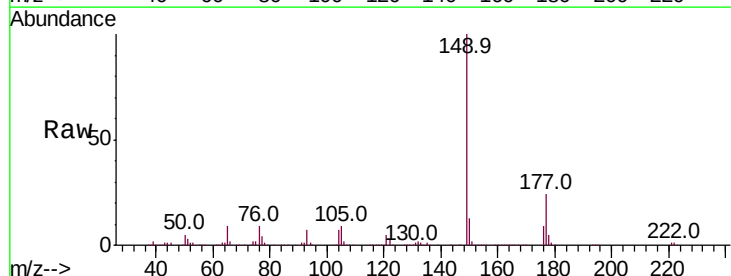
Instrument :
 BNA_G
 ClientSampleId :
 MW-15MS

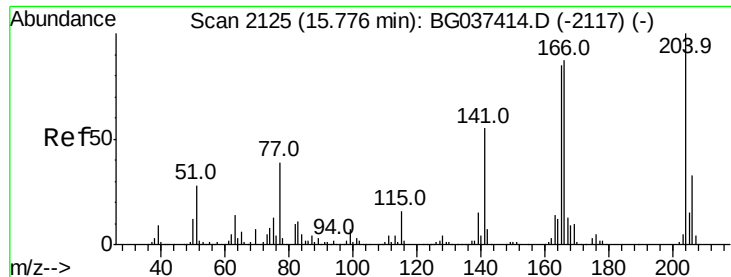
Tot Ion:232 Resp: 15840
 Ion Ratio Lower Upper
 232 100
 131 58.9 33.7 50.5#
 130 4.3 2.1 3.1#
 166 0.0 24.6 36.8#



#60
 Diethylphthalate
 Concen: 35.130 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037620.D
 Acq: 29 Oct 2018 13:14

Tgt Ion:149 Resp: 452194
 Ion Ratio Lower Upper
 149 100
 177 23.9 18.3 27.5
 150 13.1 10.0 15.0

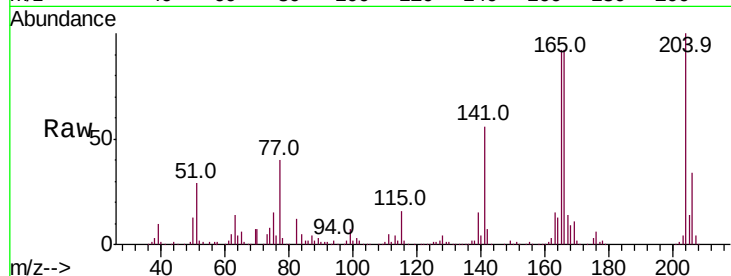




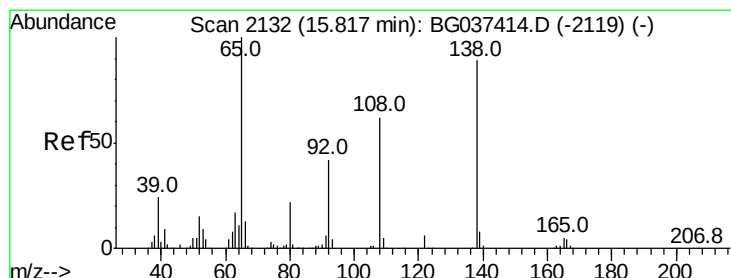
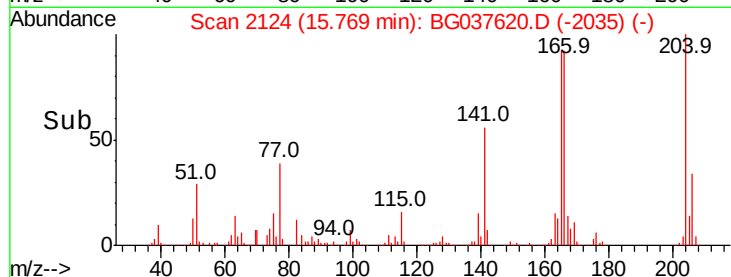
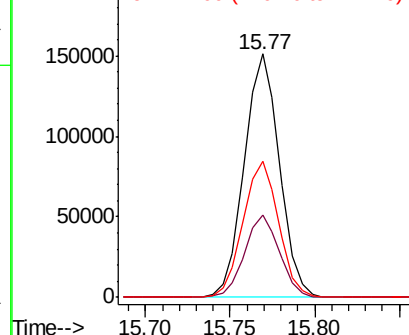
#61
4-Chlorophenyl-phenylether
Concen: 32.109 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion:204 Resp: 218438
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 55.7 45.4 68.2

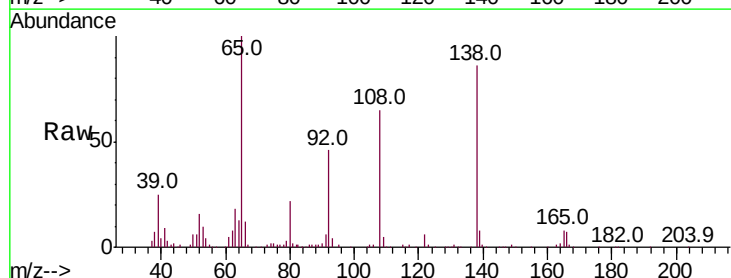


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

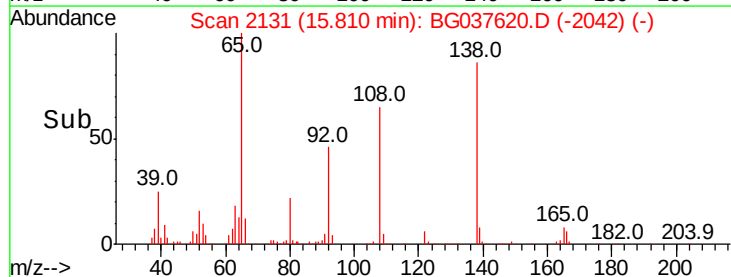
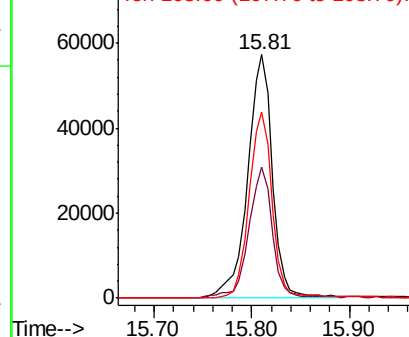


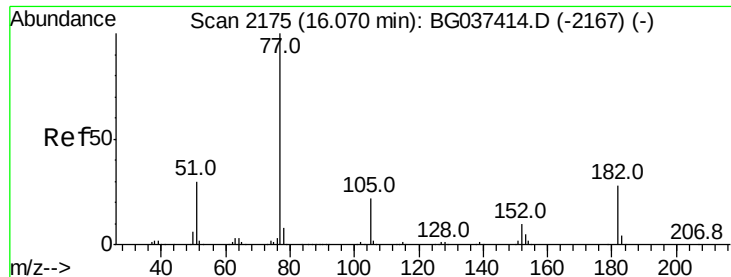
#62
4-Nitroaniline
Concen: 33.266 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:138 Resp: 101780
Ion Ratio Lower Upper
138 100
92 53.8 36.4 76.4
108 76.2 60.1 100.1



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

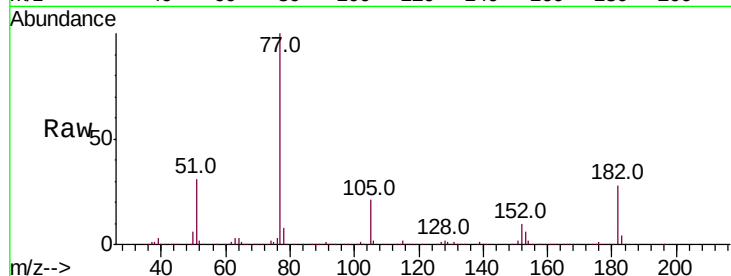




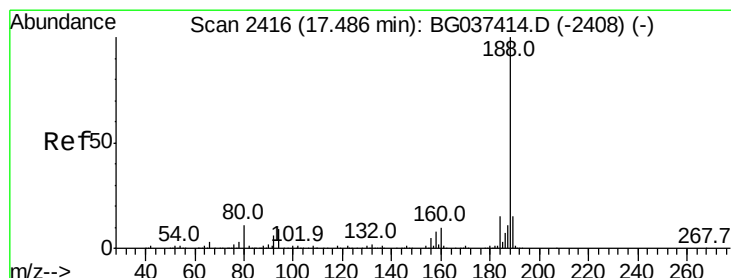
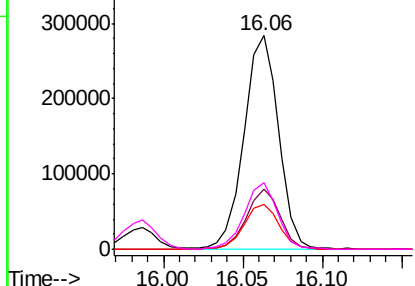
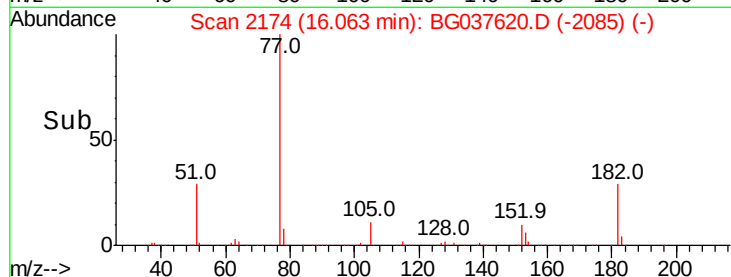
#63
Azobenzene
Concen: 34.751 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion: 77 Resp: 426793
Ion Ratio Lower Upper
77 100
182 28.0 8.0 48.0
105 21.0 1.3 41.3
51 31.0 10.7 50.7

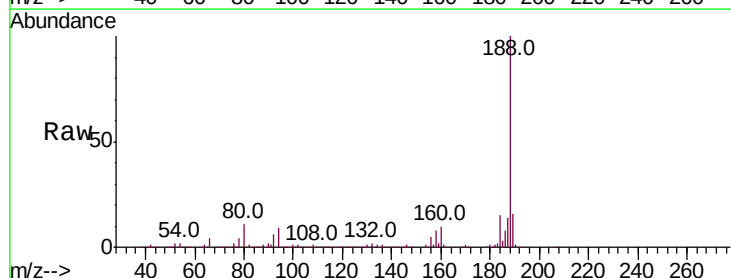


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

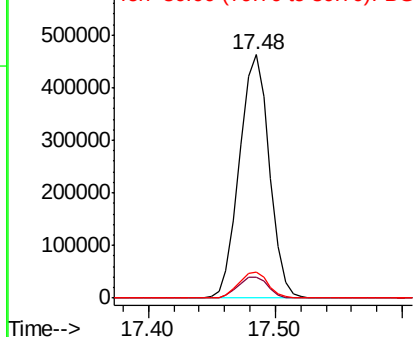
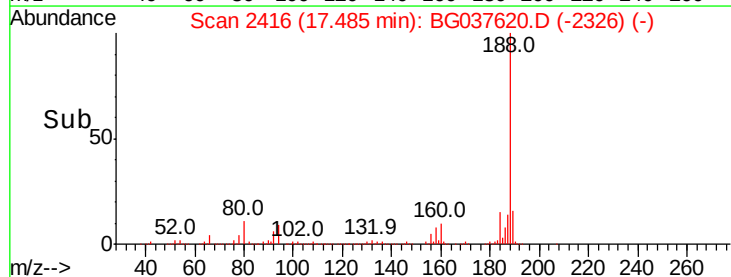


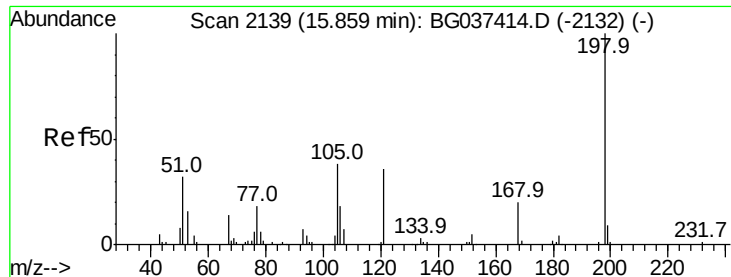
#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion: 188 Resp: 755577
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.8 7.7 11.5



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: 19.937 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampled :

MW-15MS

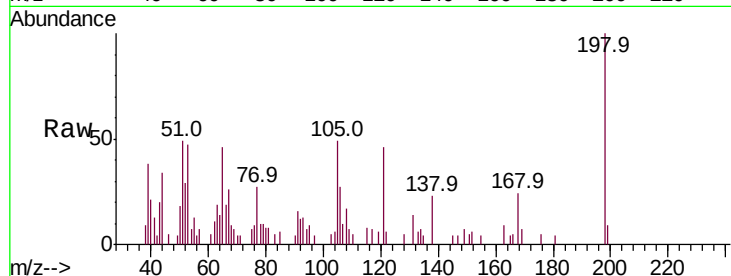
Tot Ion:198 Resp: 7041

Ion Ratio Lower Upper

198 100

51 48.9 22.7 62.7

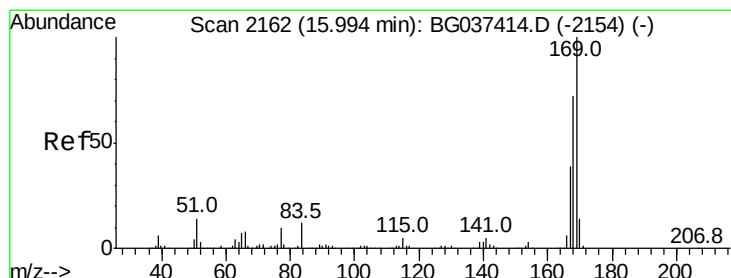
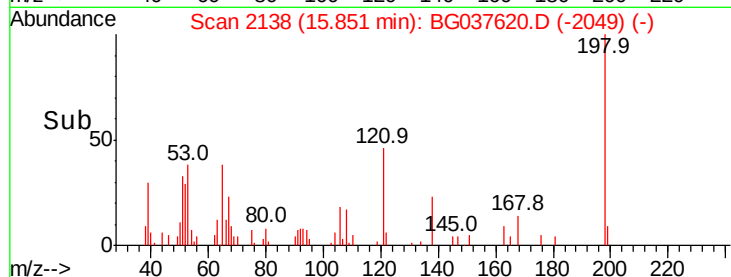
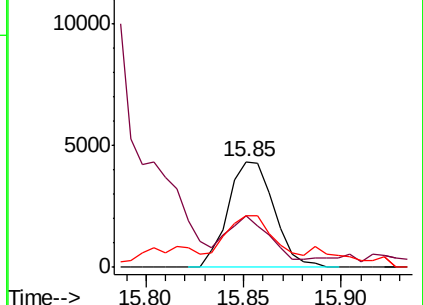
105 49.0 19.7 59.7



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: 34.136 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

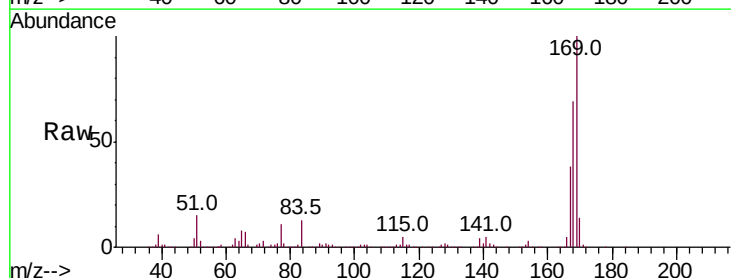
Tgt Ion:169 Resp: 387920

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

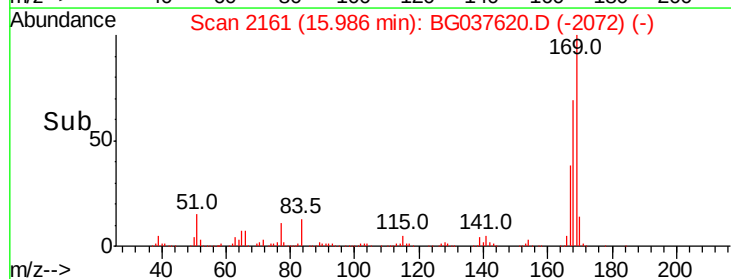
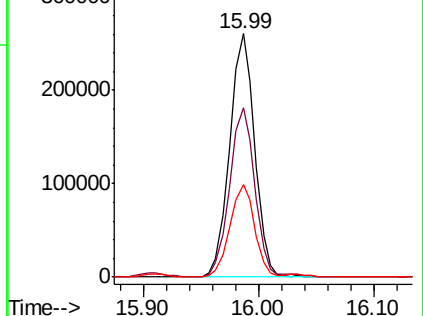
167 37.9 31.3 46.9

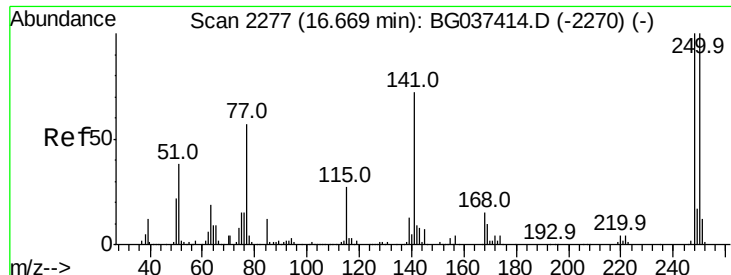


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 33.188 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

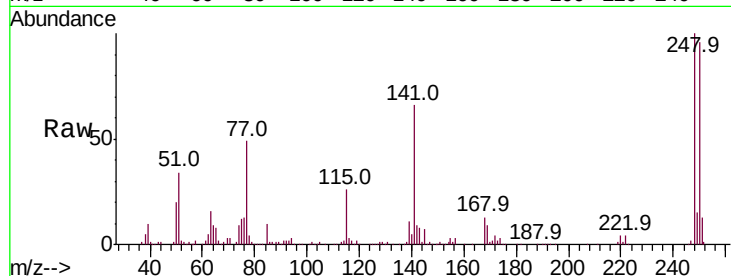
Tot Ion:248 Resp: 137688

Ion Ratio Lower Upper

248 100

250 96.1 77.0 115.6

141 66.0 55.5 83.3

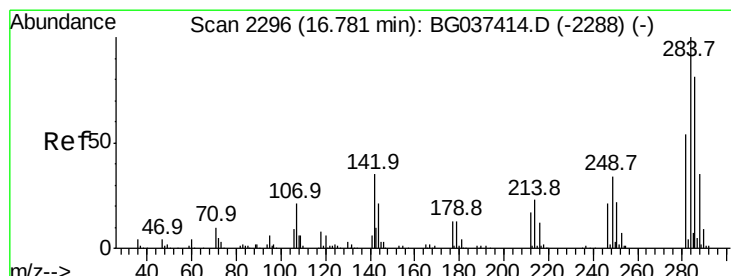
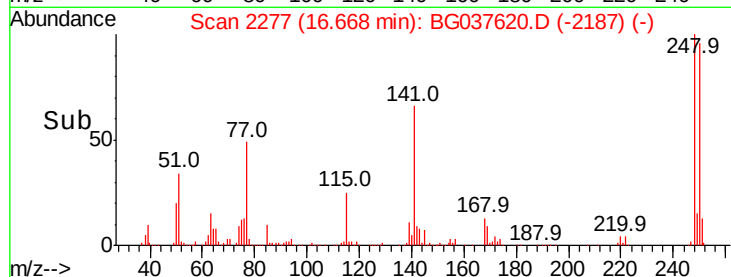
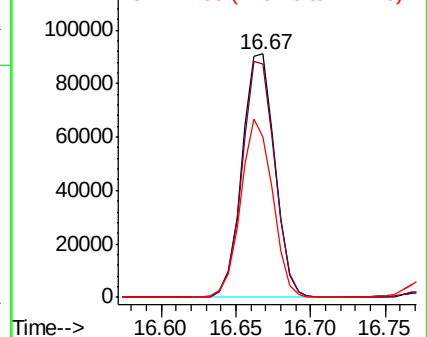


Abundance

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: 32.423 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

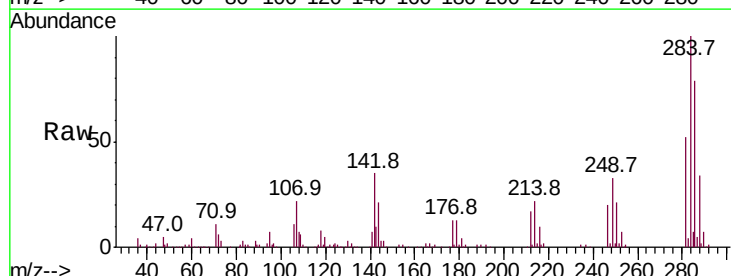
Tgt Ion:284 Resp: 139412

Ion Ratio Lower Upper

284 100

142 34.7 28.1 42.1

249 35.5 29.8 44.8

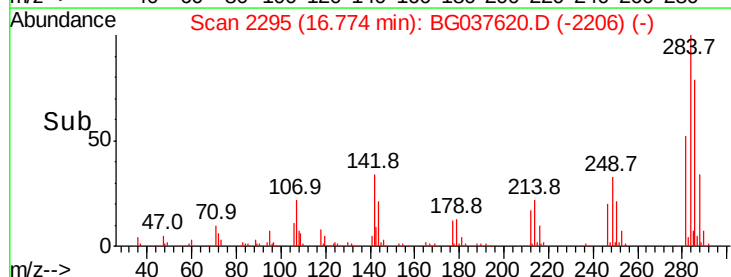
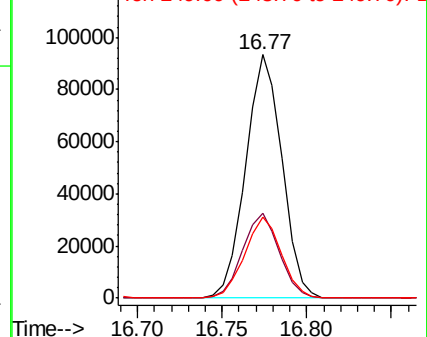


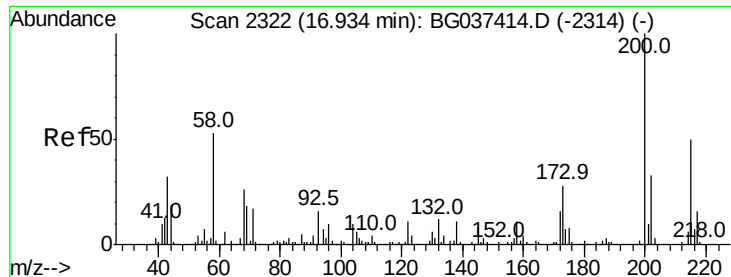
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

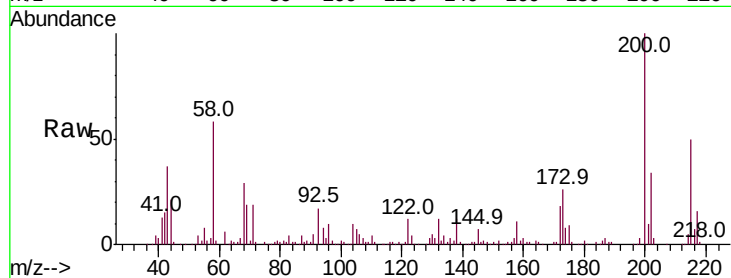




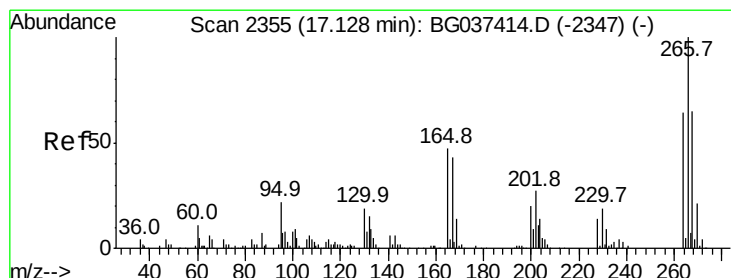
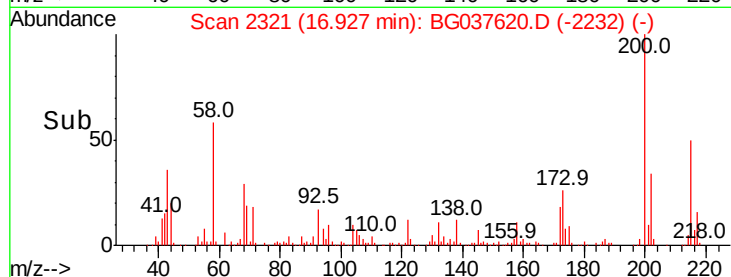
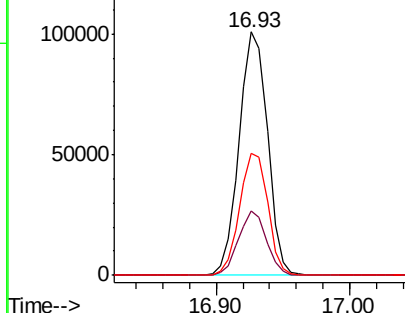
#69
Atrazine
Concen: 36.021 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion:200 Resp: 147997
Ion Ratio Lower Upper
200 100
173 26.3 6.1 46.1
215 50.1 30.8 70.8

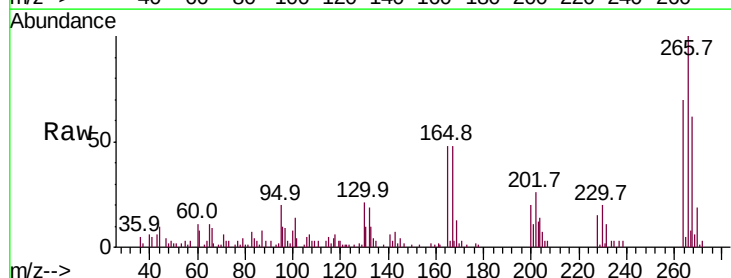


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

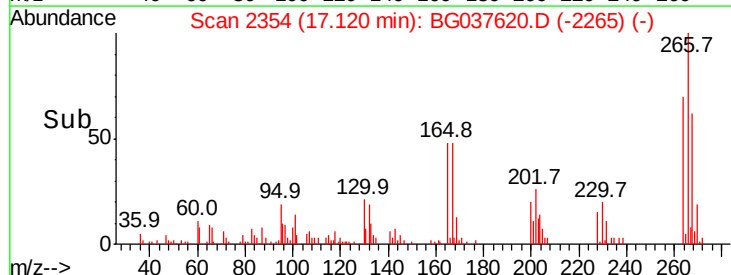
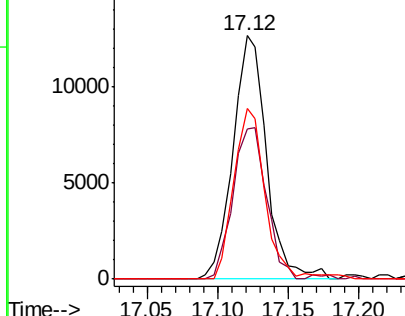


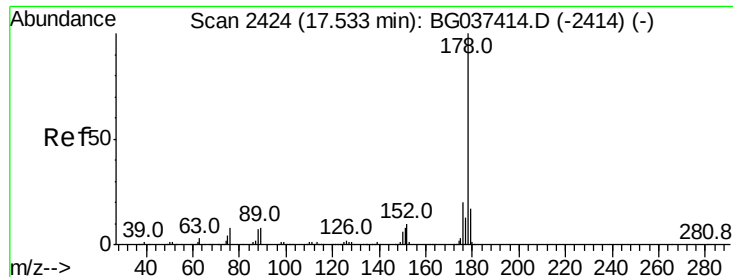
#70
Pentachlorophenol
Concen: 7.247 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:266 Resp: 20871
Ion Ratio Lower Upper
266 100
268 67.9 55.0 82.6
264 75.2 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

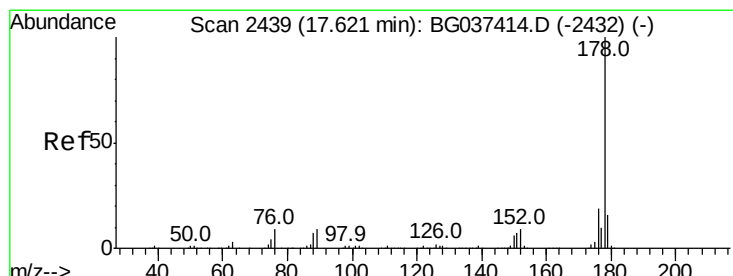
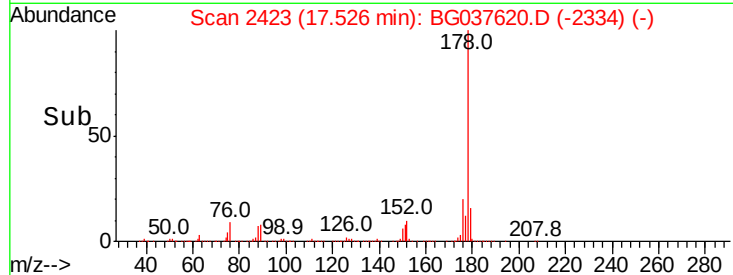
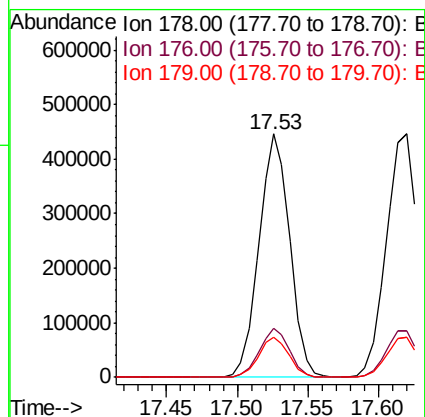
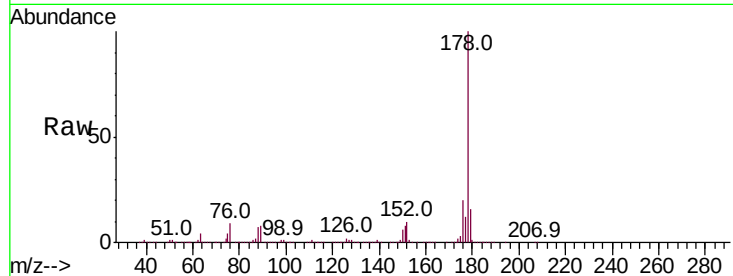




#71
Phenanthrene
Concen: 35.533 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

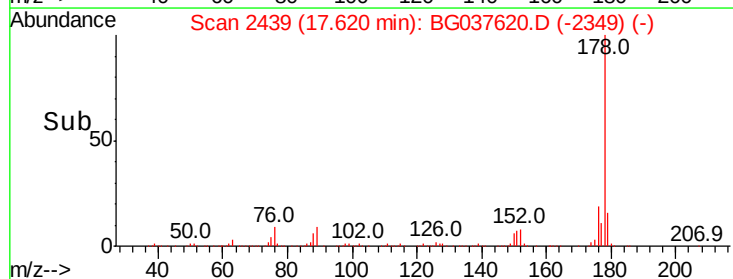
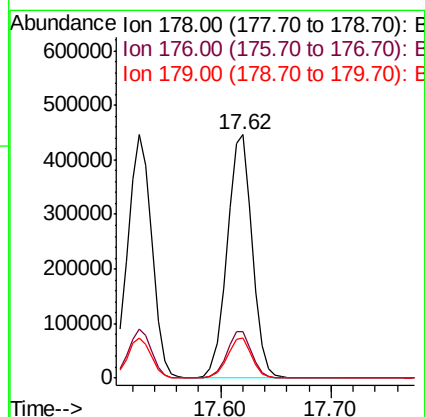
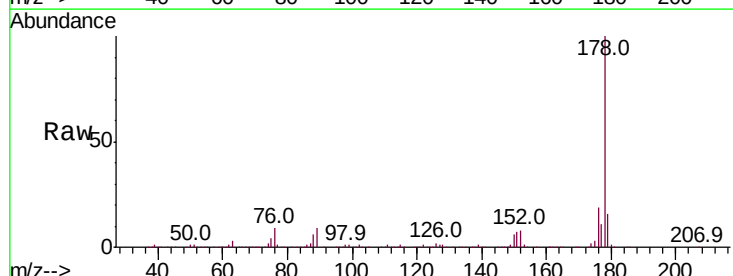
Instrument :
BNA_G
ClientSampleId :
MW-15MS

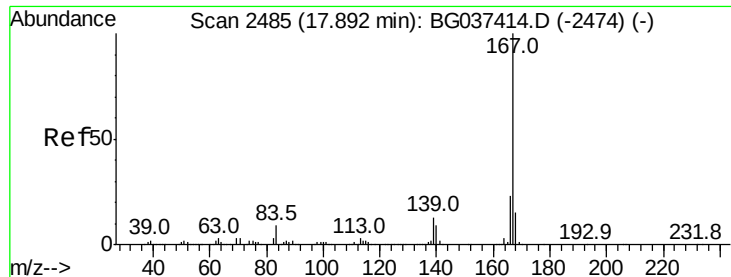
Tot Ion:178 Resp: 682242
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.4 13.0 19.4



#72
Anthracene
Concen: 37.377 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:178 Resp: 704274
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 16.4 12.8 19.2





#73

Carbazole

Concen: 33.992 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

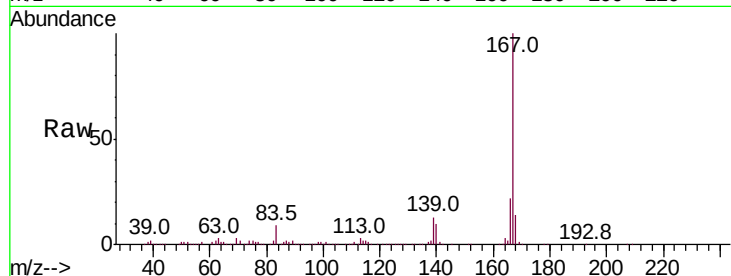
Tot Ion:167 Resp: 640691

Ion Ratio Lower Upper

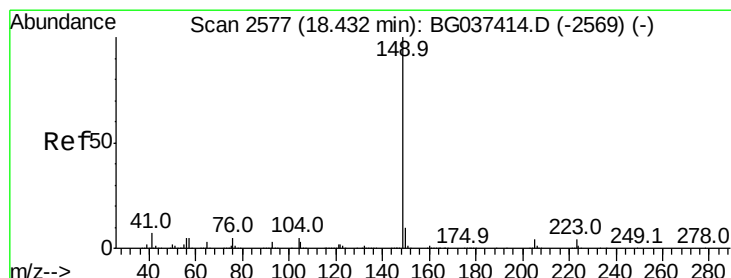
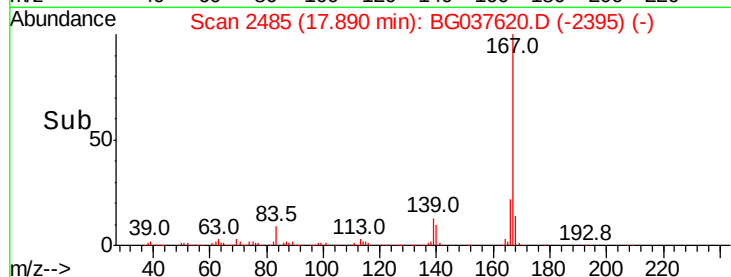
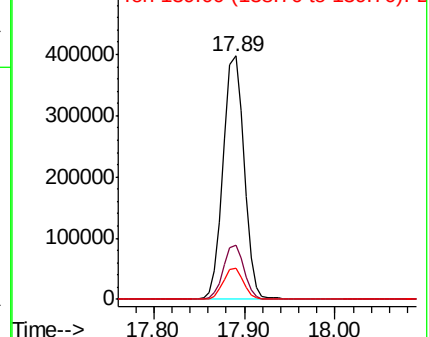
167 100

166 22.5 18.3 27.5

139 13.1 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.084 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

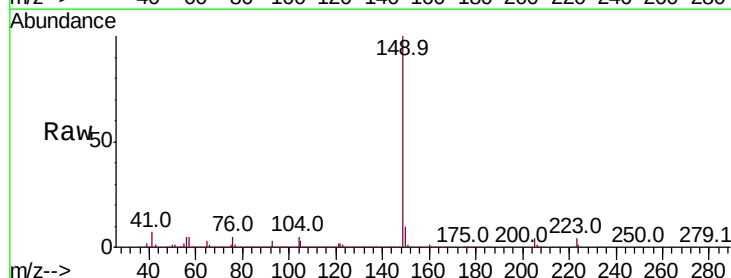
Tgt Ion:149 Resp: 756576

Ion Ratio Lower Upper

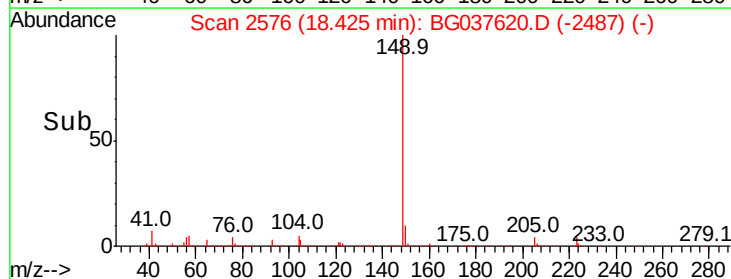
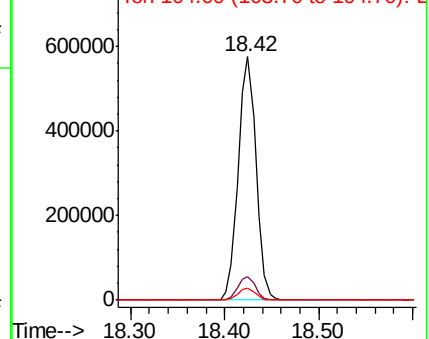
149 100

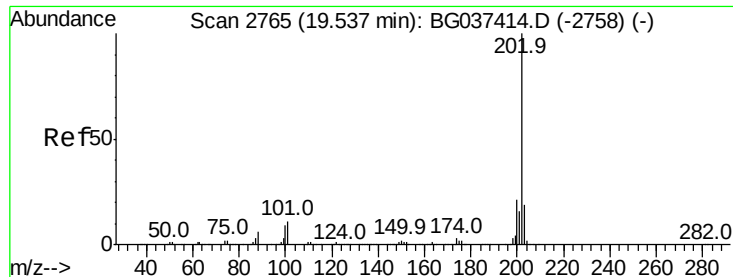
150 9.8 8.2 12.2

104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.968 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

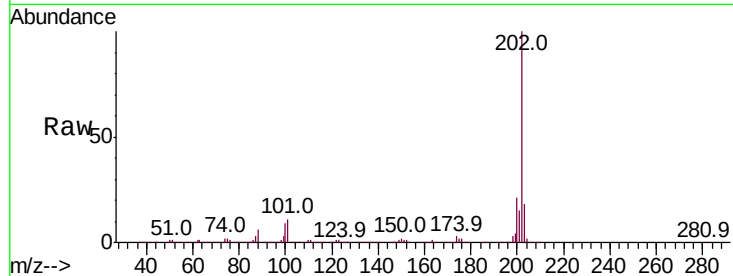
Tot Ion:202 Resp: 783274

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.7

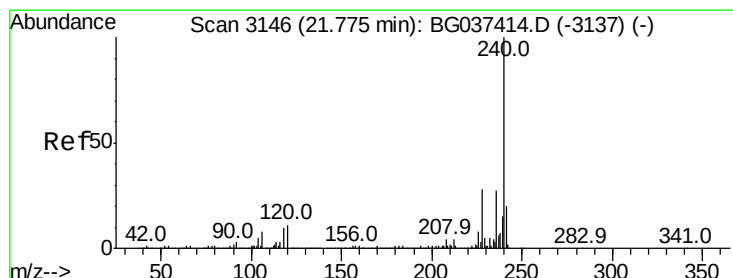
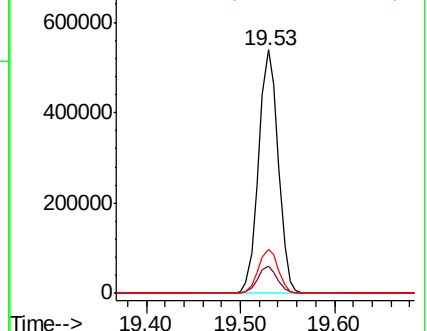
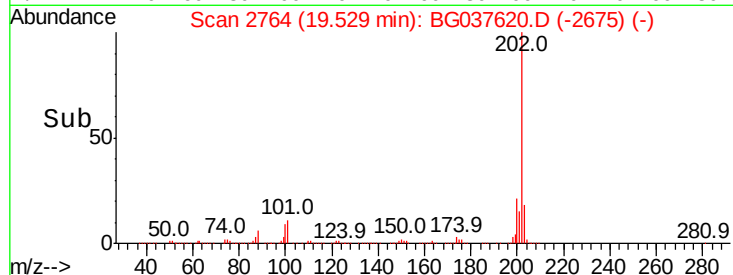
203 18.2 0.0 38.5



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: 40.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

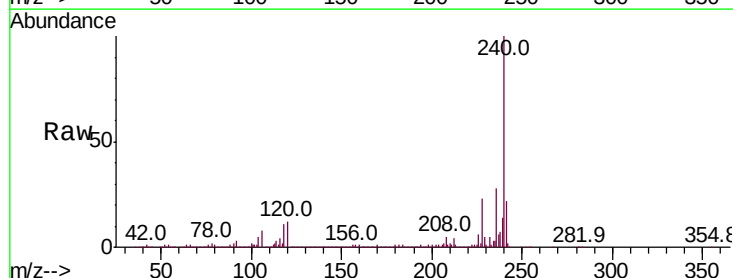
Tgt Ion:240 Resp: 668399

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

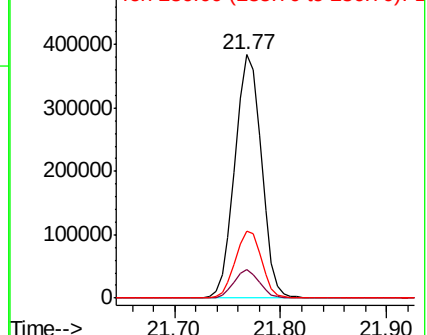
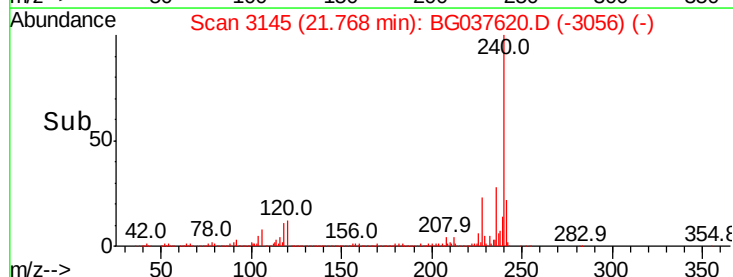
236 27.7 21.4 32.0

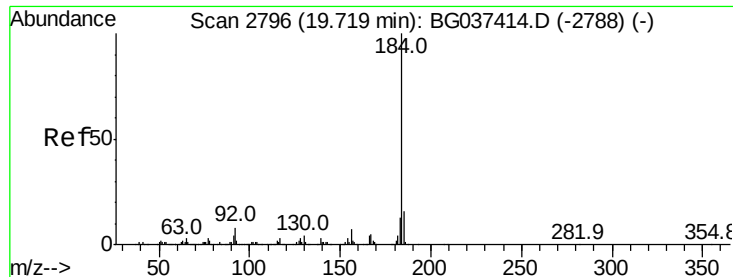


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.469 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

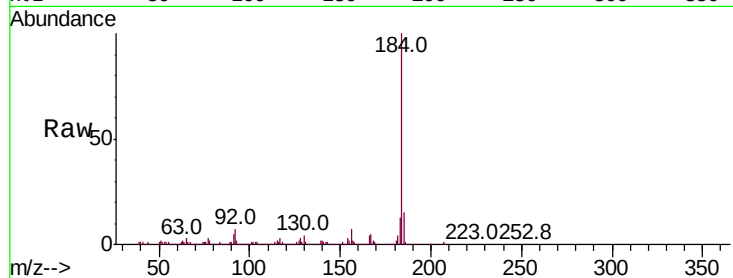
Tot Ion:184 Resp: 459874

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

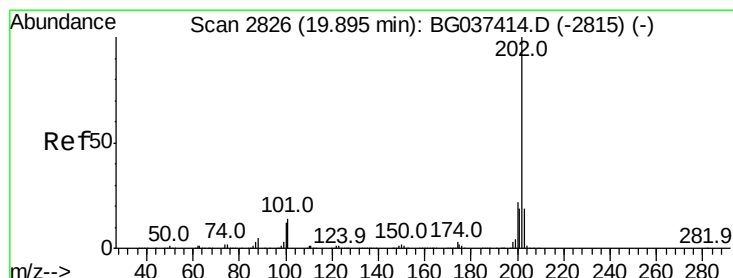
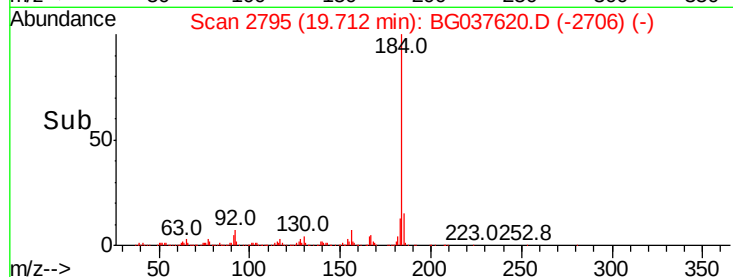
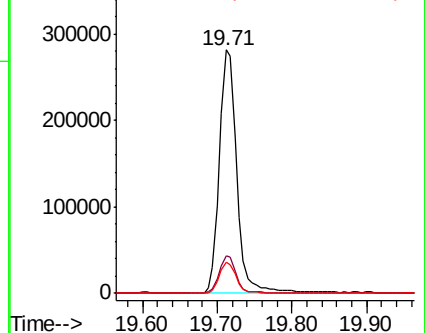
183 13.0 10.2 15.2



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: 35.645 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

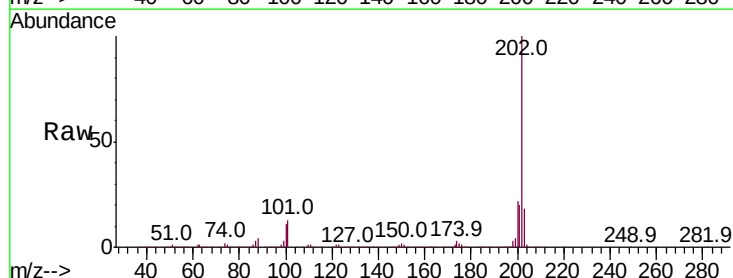
Tgt Ion:202 Resp: 778746

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

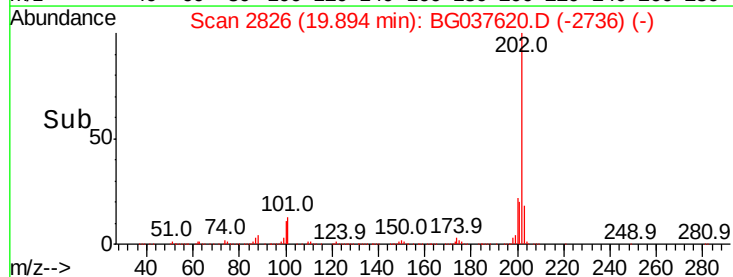
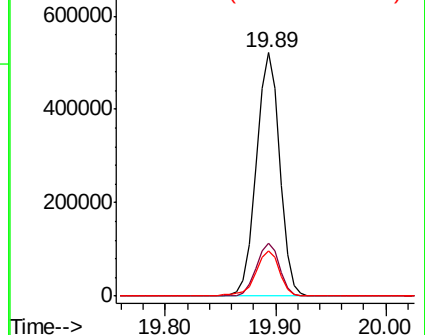
203 18.5 15.2 22.8

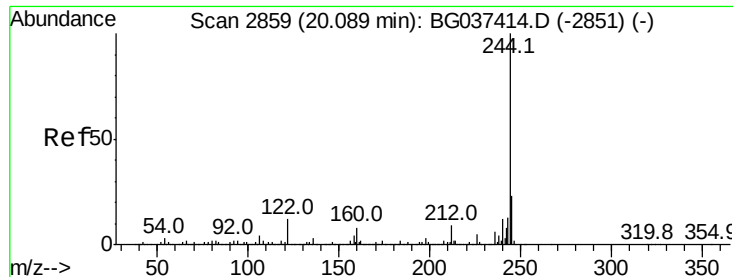


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.853 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

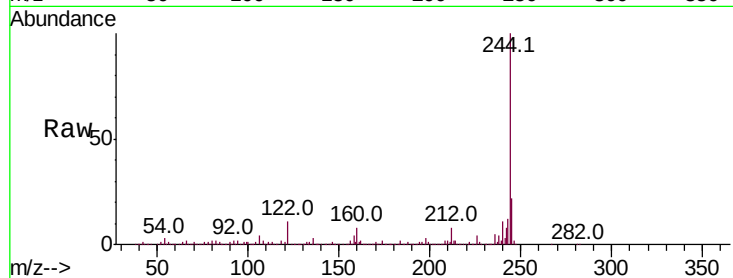
Tot Ion:244 Resp: 1155100

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

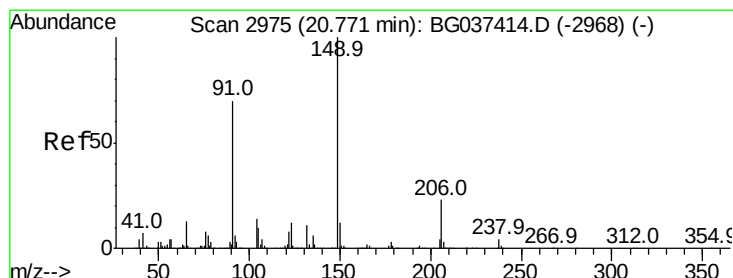
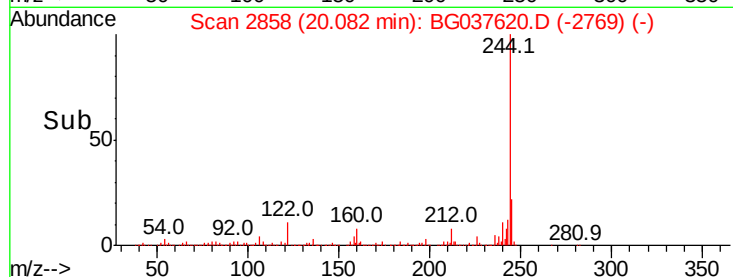
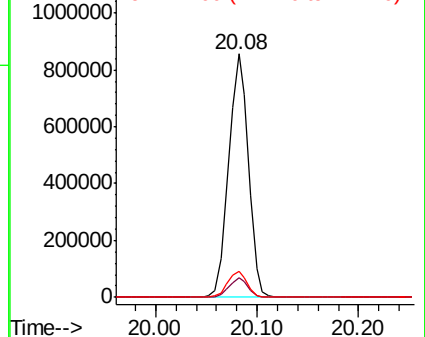
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.780 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

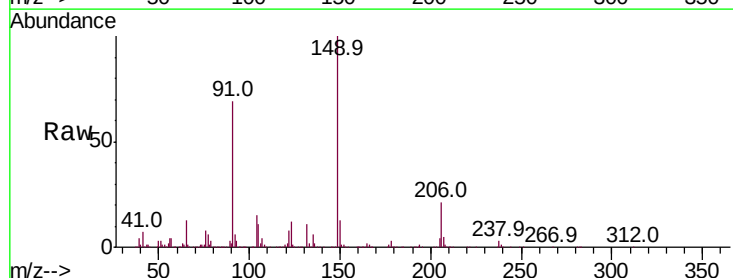
Tgt Ion:149 Resp: 337796

Ion Ratio Lower Upper

149 100

91 69.0 57.0 85.4

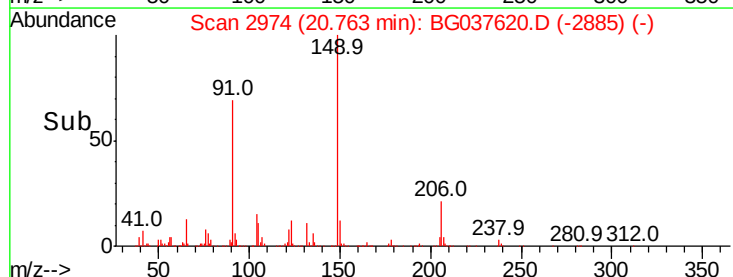
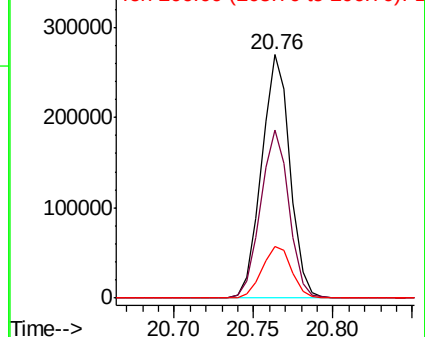
206 21.4 17.8 26.6

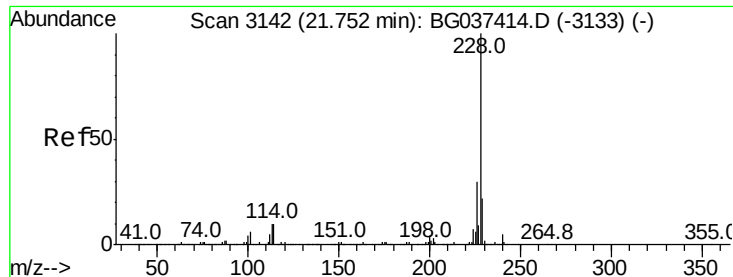


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

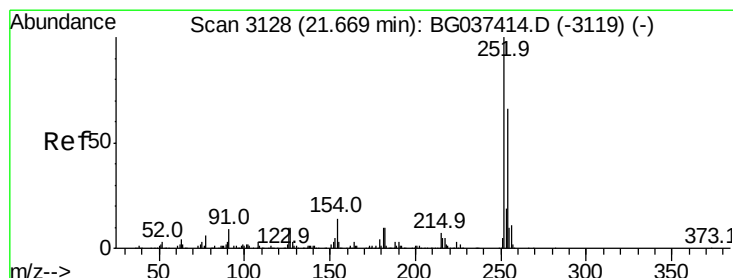
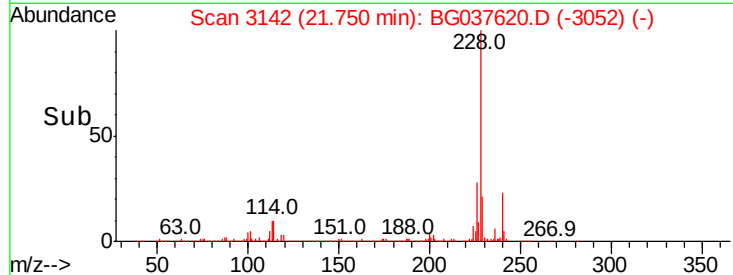
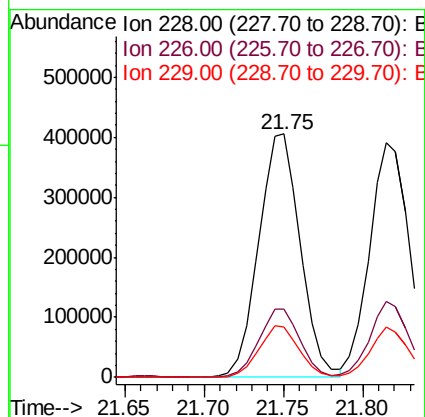
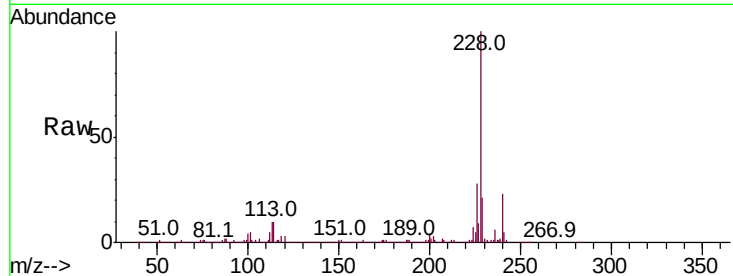




#81
Benzo(a)anthracene
Concen: 37.347 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

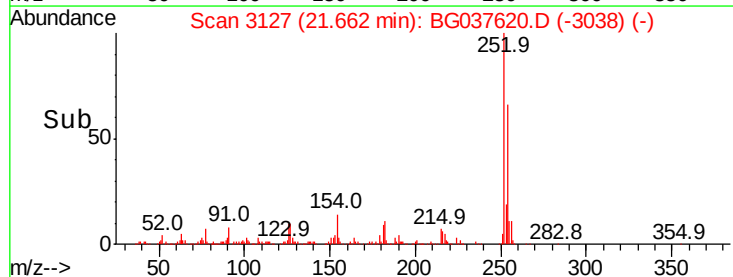
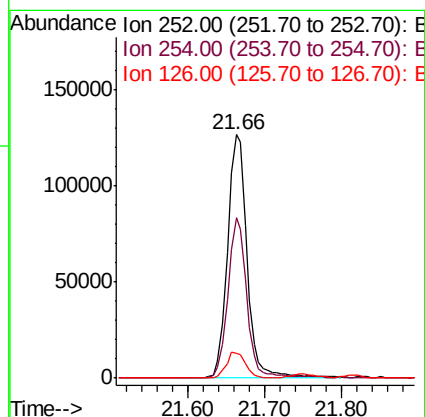
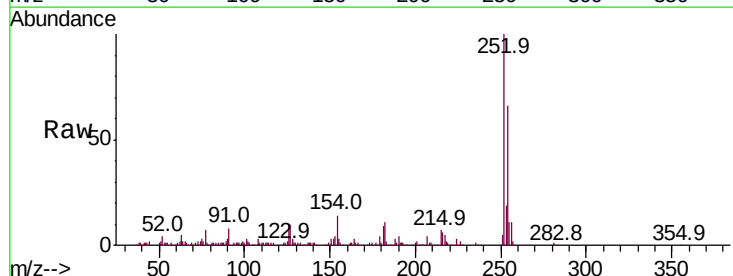
Instrument :
BNA_G
ClientSampleId :
MW-15MS

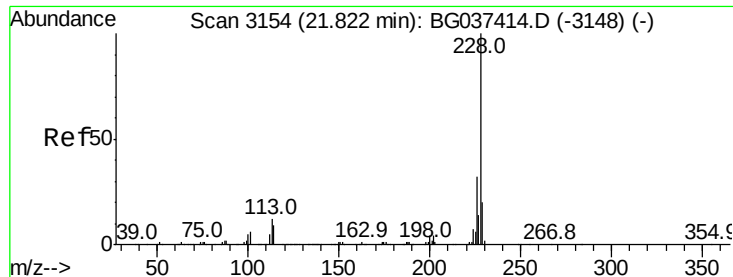
Tot	Ion:228	Resp:	738257
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.6	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 29.438 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt	Ion:252	Resp:	225559
Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.0	78.0
126	10.2	8.2	12.4





#83

Chrysene

Concen: 35.789 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

BNA_G

ClientSampleId :

MW-15MS

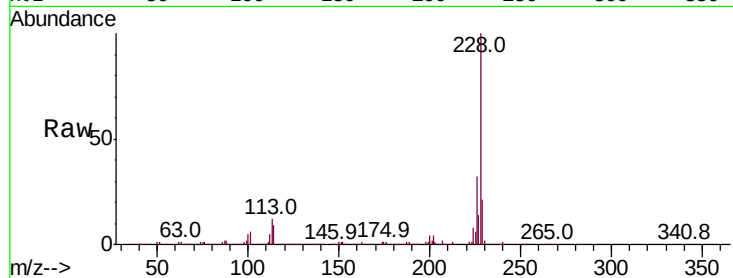
Tot Ion:228 Resp: 680279

Ion Ratio Lower Upper

228 100

226 32.3 25.7 38.5

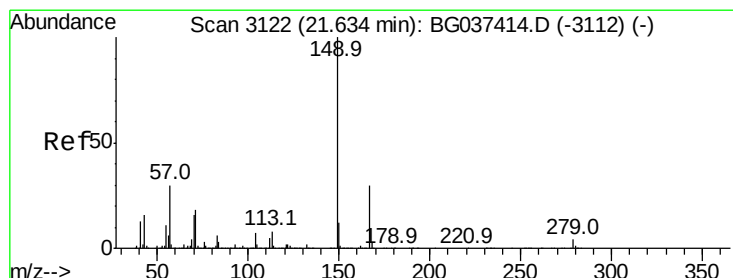
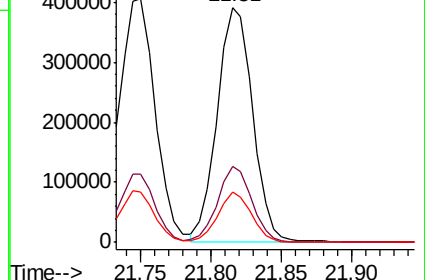
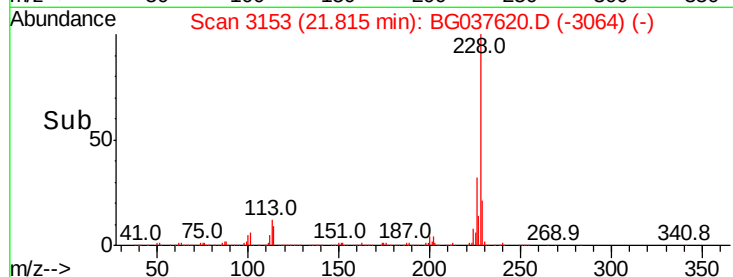
229 21.3 16.5 24.7



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: 38.478 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

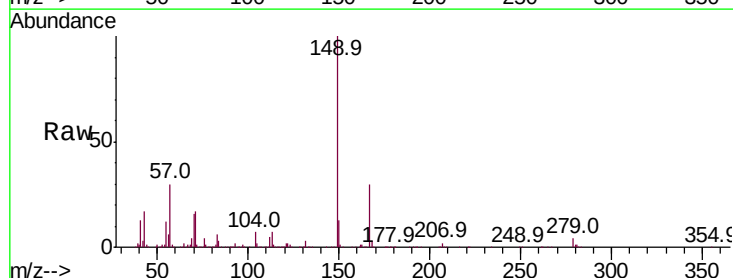
Tgt Ion:149 Resp: 482245

Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

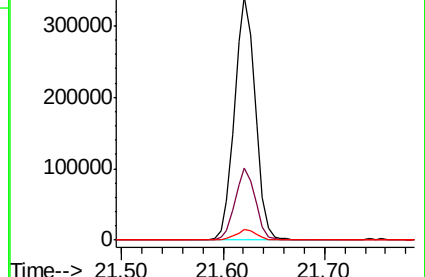
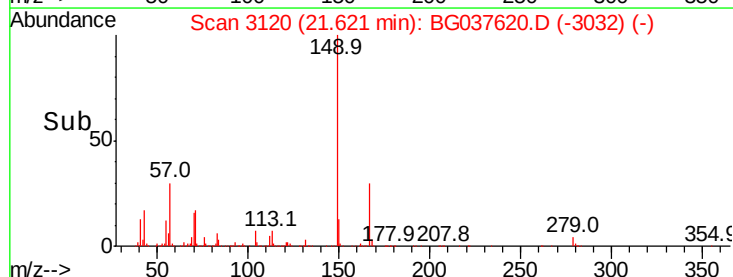
279 4.5 3.6 5.4

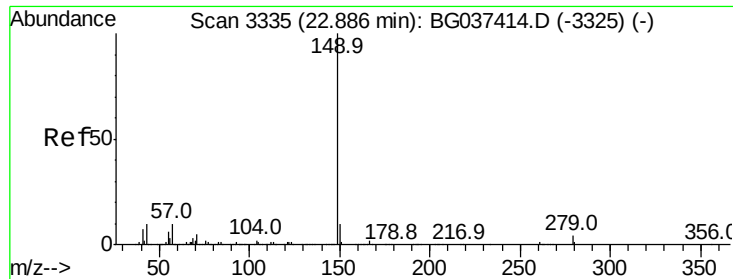


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

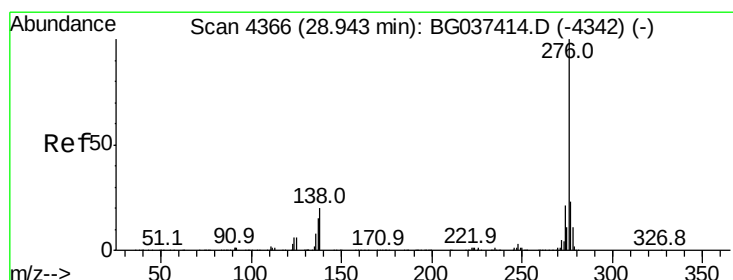
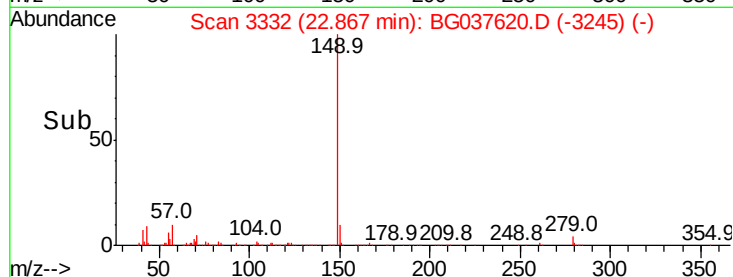
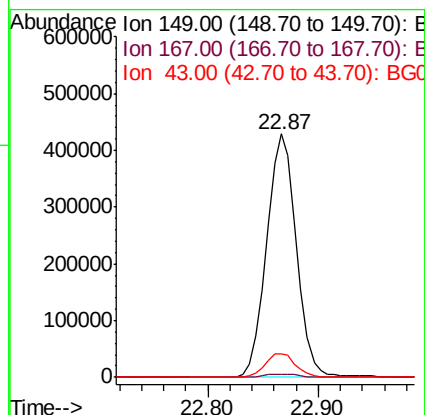
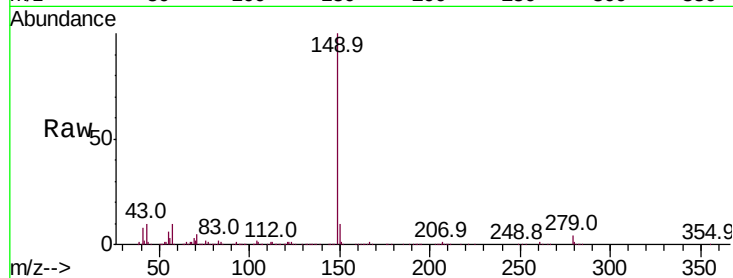




#85
Di-n-octyl phthalate
Concen: 39.399 ng
RT: 22.87 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

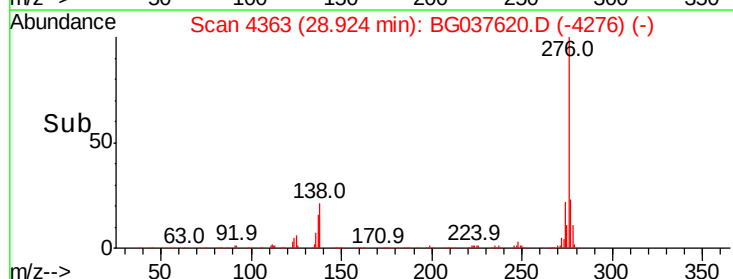
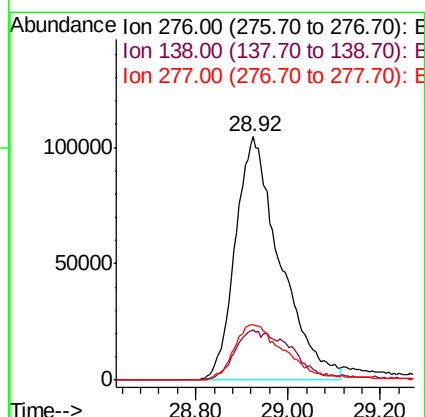
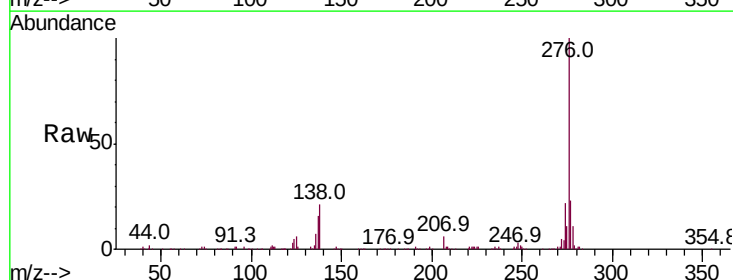
Instrument :
BNA_G
ClientSampleId :
MW-15MS

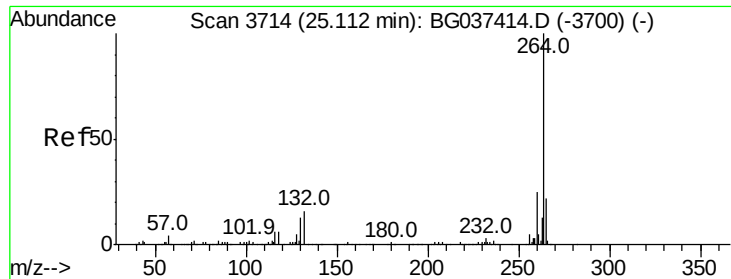
Tot Ion:149 Resp: 805191
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.723 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion:276 Resp: 707905
Ion Ratio Lower Upper
276 100
138 11.9 12.0 18.0#
277 25.3 20.6 30.8





#87

Pervlene-d12

Concen: 40.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Instrument :

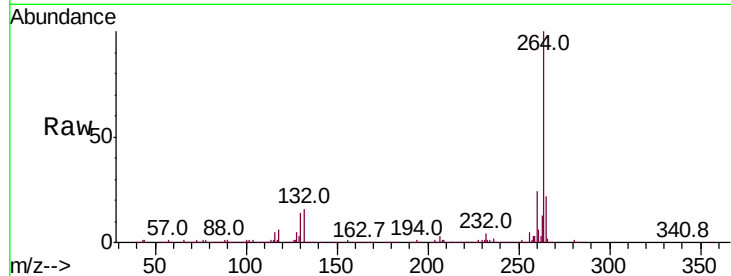
BNA_G

ClientSampleId :

MW-15MS

Tot Ion:264 Resp: 713985

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.6	17.9	26.9

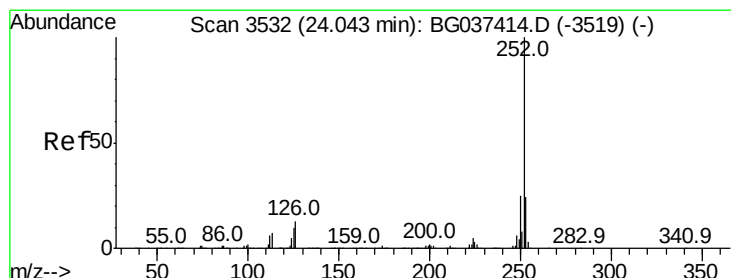
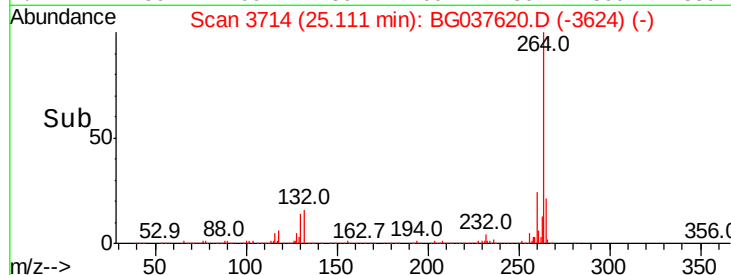
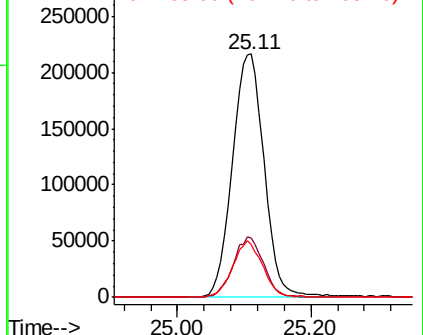


Abundance

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: 36.707 ng

RT: 24.04 min Scan# 3531

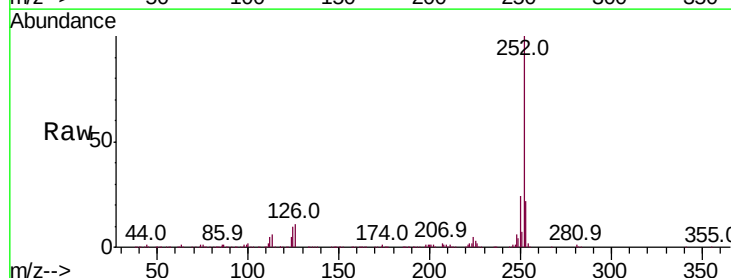
Delta R.T. -0.01 min

Lab File: BG037620.D

Acq: 29 Oct 2018 13:14

Tgt Ion:252 Resp: 718413

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.4	7.8	11.6

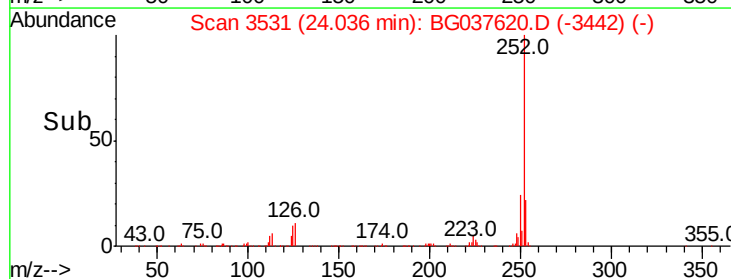
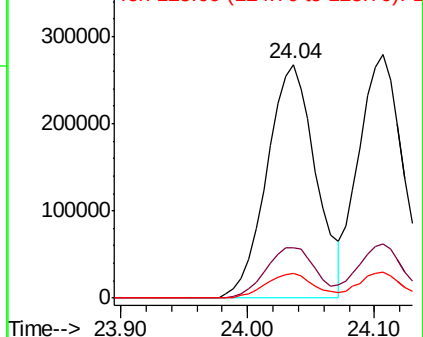


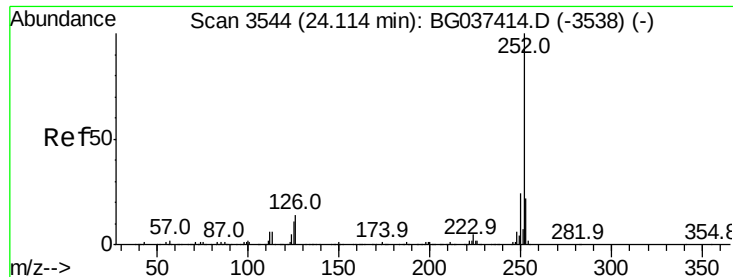
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

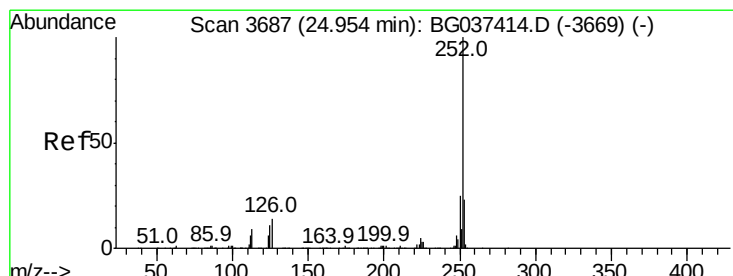
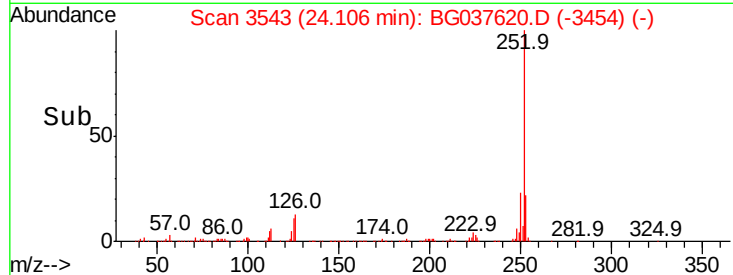
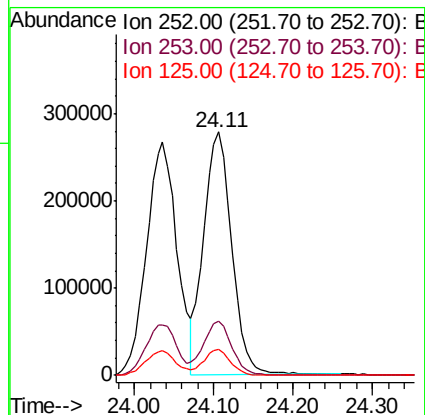
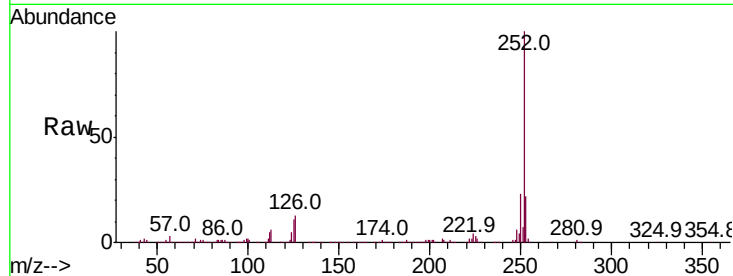




#89
Benzo(k)fluoranthene
Concen: 35.831 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

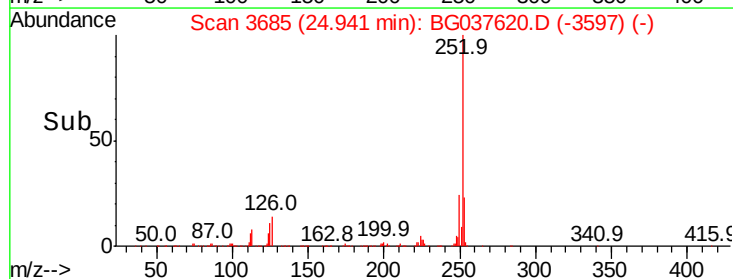
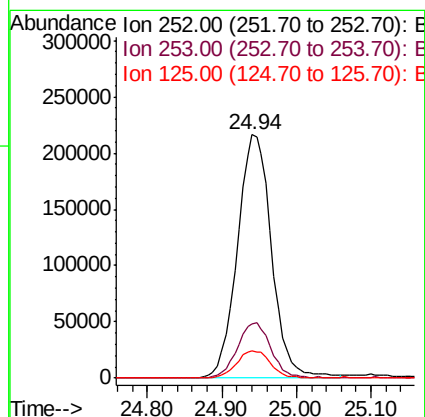
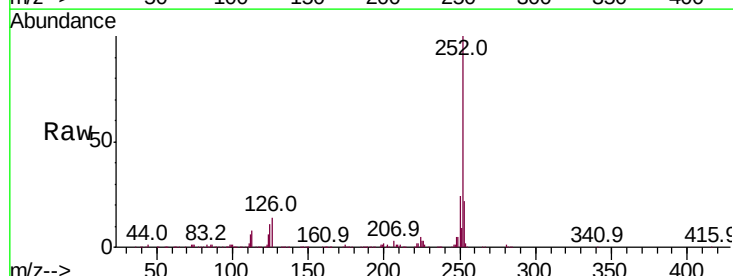
Instrument :
BNA_G
ClientSampleId :
MW-15MS

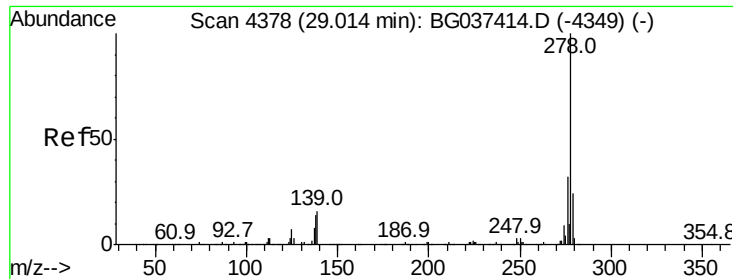
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.8	7.4	11.0



#90
Benzo(a)pyrene
Concen: 36.836 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	11.2	9.0	13.6

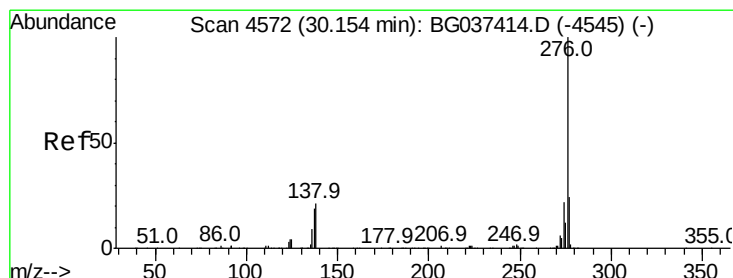
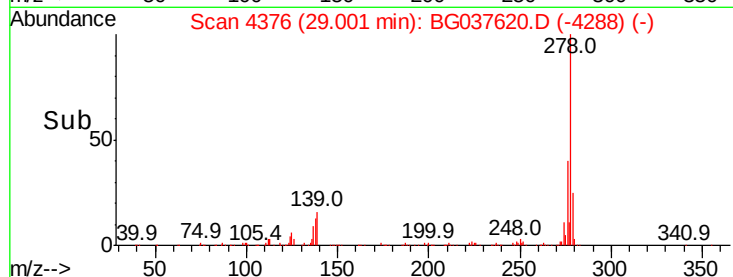
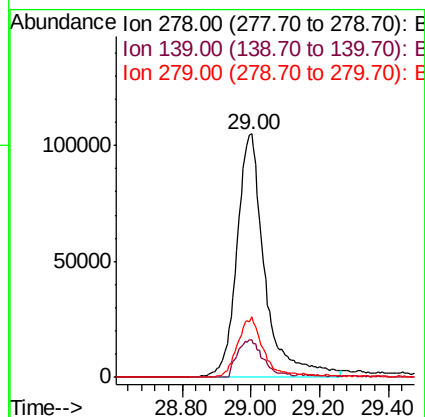
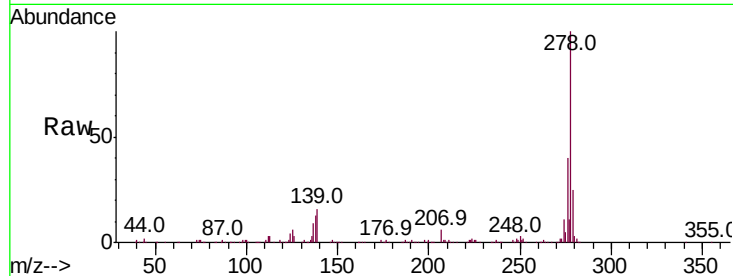




#91
Dibenzo(a,h)anthracene
Concen: 34.580 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Instrument :
BNA_G
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	24.6	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 34.372 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.02 min
Lab File: BG037620.D
Acq: 29 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.7	17.2	25.8

