

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037621.D
 Acq On : 29 Oct 2018 13:53
 Operator : JU/SJ
 Sample : J5690-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

Quant Time: Oct 30 04:47:10 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	116439	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	516111	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	341419	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	776815	20.00	ng	0.00
76) Chrysene-d12	21.77	240	689618	20.00	ng	0.00
87) Perylene-d12	25.11	264	741077	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	173279	24.88	ng	0.00
7) Phenol-d6	7.24	99	160295	15.22	ng	0.00
23) Nitrobenzene-d5	9.28	82	386881	41.99	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	197939	53.15	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	911179	40.24	ng	0.00
79) Terphenyl-d14	20.09	244	1255073	38.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	23847	6.752	ng	95
3) Pyridine	3.93	79	49902	5.606	ng	97
4) n-Nitrosodimethylamine	3.85	42	31011	9.780	ng	92
6) Aniline	7.42	93	107657	8.379	ng	99
8) 2-Chlorophenol	7.66	128	130748	16.047	ng	100
9) Benzaldehyde	7.24	77	96343	14.624	ng	93
10) Phenol	7.27	94	80241	7.221	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	182658	21.643	ng	98
12) 1,3-Dichlorobenzene	7.99	146	190875	21.043	ng	99
13) 1,4-Dichlorobenzene	8.14	146	192984	20.800	ng	98
14) 1,2-Dichlorobenzene	8.46	146	183702	20.582	ng	97
15) Benzyl Alcohol	8.34	79	103491	13.299	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.62	45	333332	22.074	ng	98
17) 2-Methylphenol	8.53	107	104051	14.164	ng	98
18) Hexachloroethane	9.19	117	87038	27.516	ng	# 71
19) n-Nitroso-di-n-propylamine	8.90	70	158323	21.831	ng	93
20) 3+4-Methylphenols	8.86	107	126507	12.045	ng	98
22) Acetophenone	8.93	105	315786	24.397	ng	# 98
24) Nitrobenzene	9.32	77	225653	23.577	ng	93
25) Isophorone	9.84	82	446115	26.501	ng	98
26) 2-Nitrophenol	10.03	139	81151	18.821	ng	99
27) 2,4-Dimethylphenol	10.07	122	152950	19.868	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	267154	24.222	ng	96
29) 2,4-Dichlorophenol	10.56	162	154869	18.068	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	204803	21.972	ng	98
31) Naphthalene	10.98	128	832224	32.829	ng	99
32) Benzoic acid	10.16	122	31185	6.237	ng	91
33) 4-Chloroaniline	11.08	127	102233	8.583	ng	95
34) Hexachlorobutadiene	11.24	225	118447	21.440	ng	98
35) Caprolactam	11.91	113	10672	3.104	ng	# 88
36) 4-Chloro-3-methylphenol	12.18	107	166807	17.256	ng	96
37) 2-Methylnaphthalene	12.57	142	520211	28.151	ng	98
38) 1-Methylnaphthalene	12.79	142	956136	53.279	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	237293	21.547	ng	99

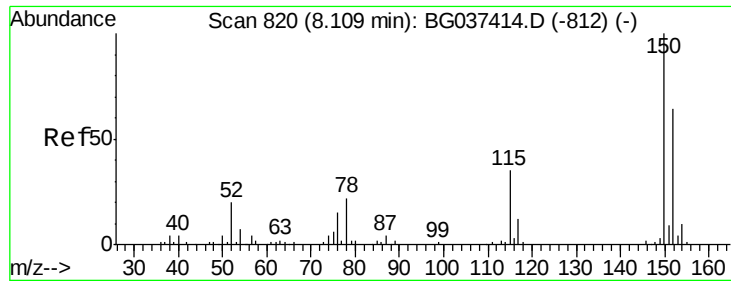
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037621.D
 Acq On : 29 Oct 2018 13:53
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	260623	49.544	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	133963	18.208	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	143353	17.896	ng	99
46) 1,1'-Biphenyl	13.57	154	607504	21.485	ng	99
47) 2-Chloronaphthalene	13.62	162	485338	22.688	ng	98
48) 2-Nitroaniline	13.83	65	162530	25.055	ng	98
49) Acenaphthylene	14.46	152	787809	24.482	ng	99
50) Dimethylphthalate	14.19	163	621066	23.514	ng	99
51) 2,6-Dinitrotoluene	14.32	165	139179	23.820	ng	98
52) Acenaphthene	14.80	154	469235	23.677	ng	100
53) 3-Nitroaniline	14.65	138	86187	13.287	ng	# 95
54) 2,4-Dinitrophenol	14.85	184	96547	50.003	ng	91
55) Dibenzofuran	15.13	168	732052	22.295	ng	98
56) 4-Nitrophenol	14.94	139	98504	20.516	ng	98
57) 2,4-Dinitrotoluene	15.10	165	193674	25.251	ng	96
58) Fluorene	15.78	166	599241	24.371	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	124257	18.117	ng	99
60) Diethylphthalate	15.54	149	622776	22.966	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	312414	21.799	ng	98
62) 4-Nitroaniline	15.81	138	136685	21.206	ng	92
63) Azobenzene	16.07	77	595817	23.029	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	72302	23.101	ng	93
66) n-Nitrosodiphenylamine	15.99	169	535283	22.908	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	198246	23.239	ng	98
68) Hexachlorobenzene	16.78	284	193935	21.935	ng	99
69) Atrazine	16.93	200	198010	23.438	ng	99
70) Pentachlorophenol	17.12	266	175259	29.594	ng	95
71) Phenanthrene	17.53	178	942679	23.877	ng	99
72) Anthracene	17.62	178	955596	24.664	ng	98
73) Carbazole	17.89	167	870592	22.464	ng	100
74) Di-n-butylphthalate	18.42	149	1041799	24.165	ng	99
75) Fluoranthene	19.53	202	1082096	24.166	ng	99
77) Benzidine	19.71	184	66360	2.830	ng	99
78) Pyrene	19.90	202	1075347	23.853	ng	99
80) Butylbenzylphthalate	20.77	149	474225	25.703	ng	98
81) Benzo(a)anthracene	21.75	228	1006062	24.664	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	223764	14.153	ng	99
83) Chrysene	21.82	228	925432	23.594	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	655613	25.351	ng	99
85) Di-n-octyl phthalate	22.87	149	1100380	26.093	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	1009600	23.999	ng	99
88) Benzo(b)fluoranthene	24.03	252	972985	23.948	ng	98
89) Benzo(k)fluoranthene	24.11	252	972261	24.426	ng	98
90) Benzo(a)pyrene	24.94	252	944570	24.467	ng	98
91) Dibenzo(a,h)anthracene	29.00	278	790749	22.205	ng	98
92) Benzo(g,h,i)perylene	30.13	276	817727	22.697	ng	100

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

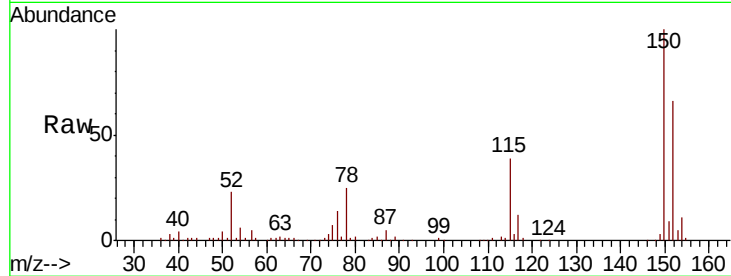


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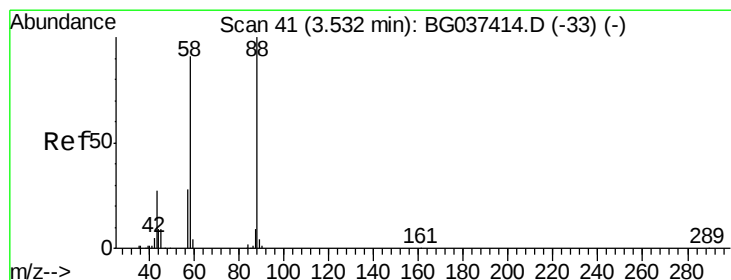
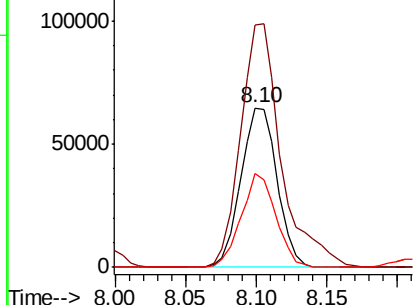
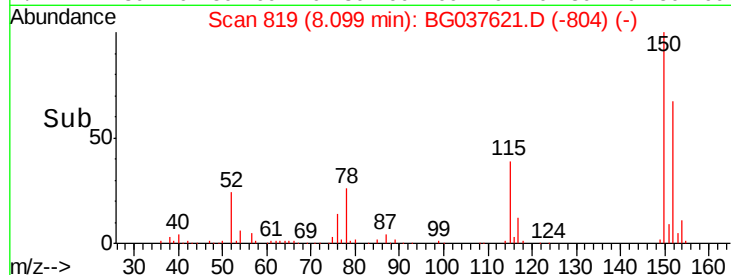
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_G
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.0	189.0
115	58.5	45.5	68.3



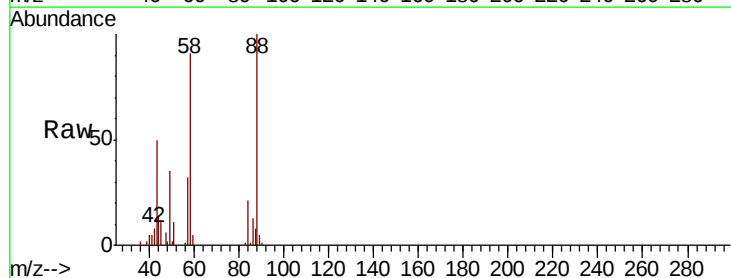
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



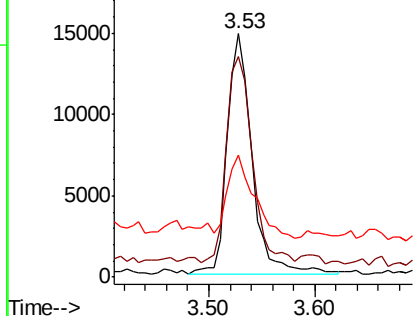
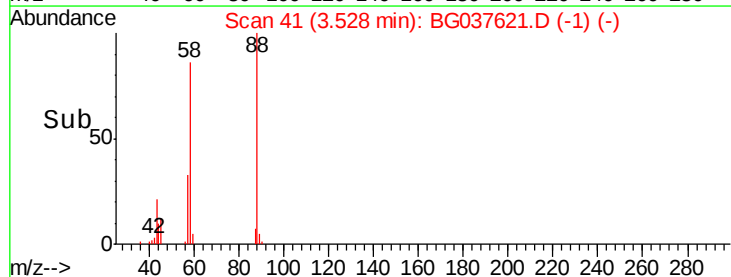
#2

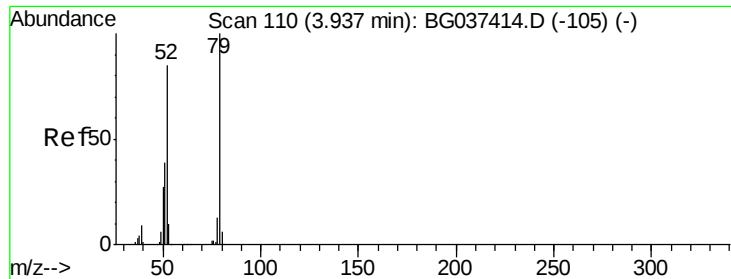
1,4-Dioxane
Concen: 6.752 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	74.4	111.6
43	37.7	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: 5.606 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

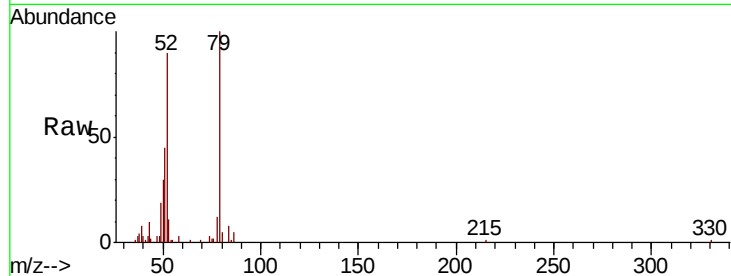
Tot Ion: 79 Resp: 49902

Ion Ratio Lower Upper

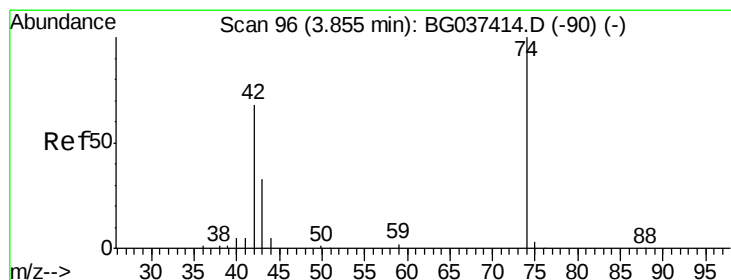
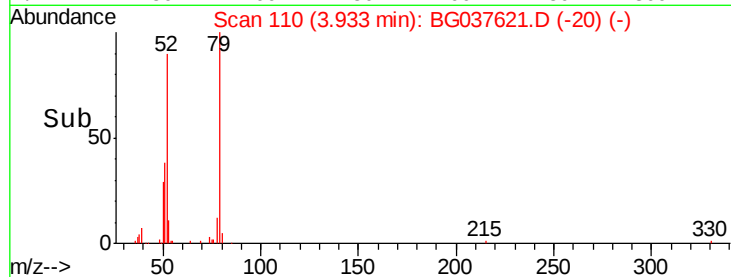
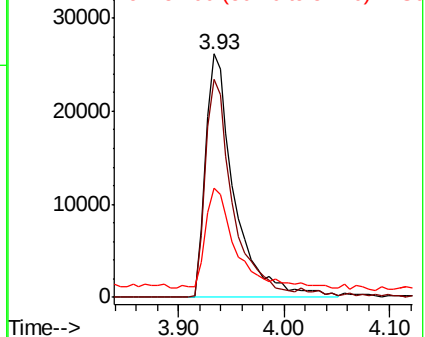
79 100

52 89.6 74.2 111.2

51 44.7 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: 9.780 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

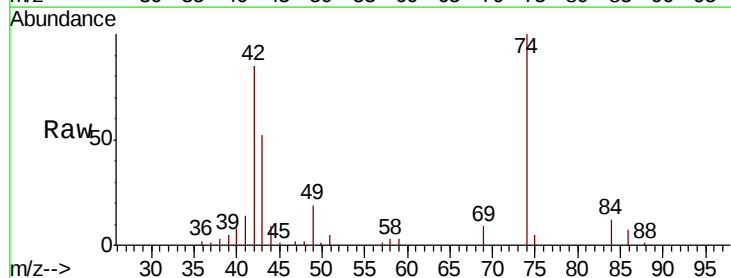
Tgt Ion: 42 Resp: 31011

Ion Ratio Lower Upper

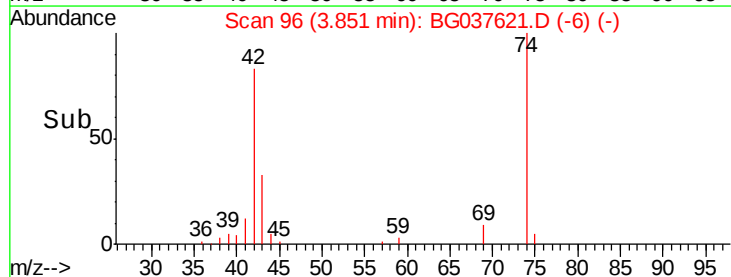
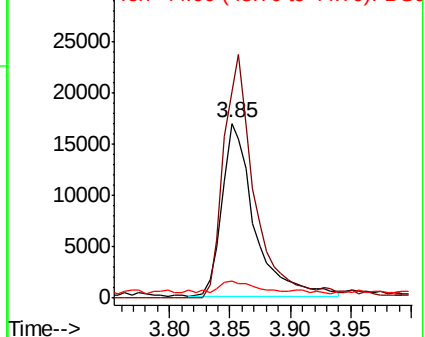
42 100

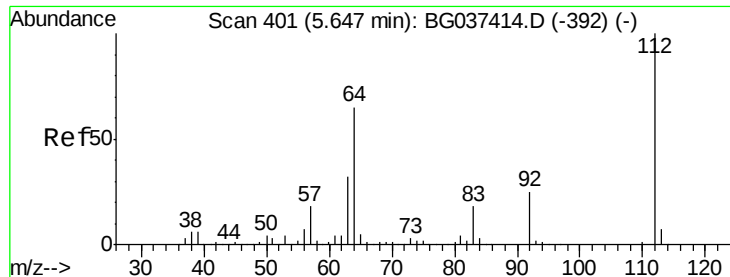
74 118.0 102.0 153.0

44 10.1 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: 24.880 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

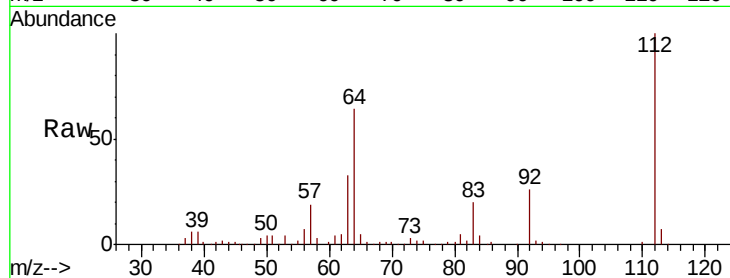
Tot Ion: 112 Resp: 173279

Ion Ratio Lower Upper

112 100

64 63.6 53.1 79.7

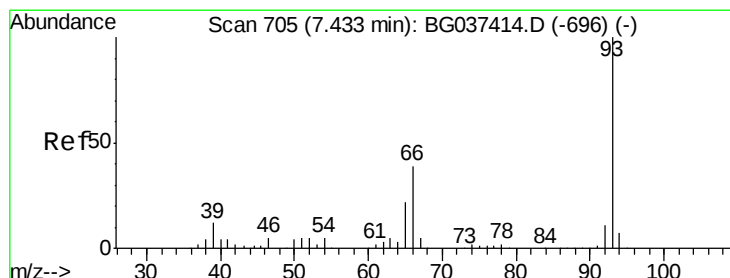
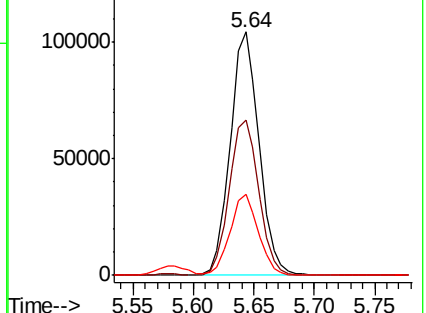
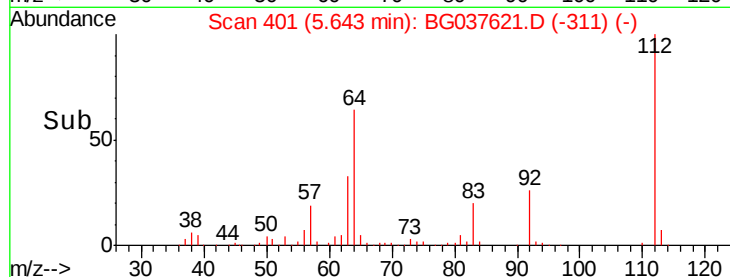
63 33.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.379 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

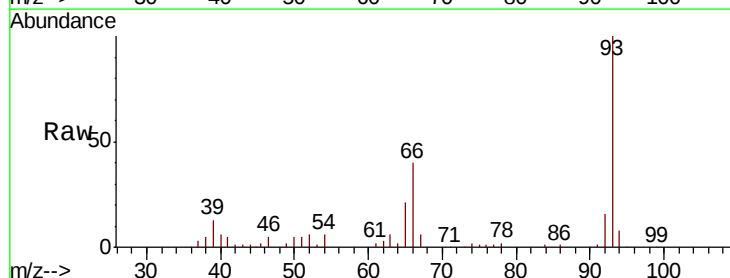
Tgt Ion: 93 Resp: 107657

Ion Ratio Lower Upper

93 100

66 40.2 32.8 49.2

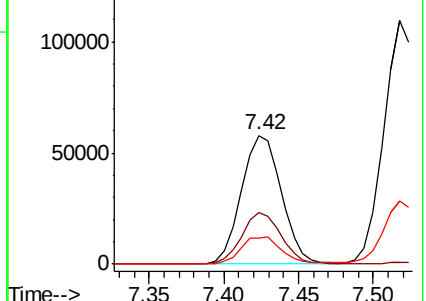
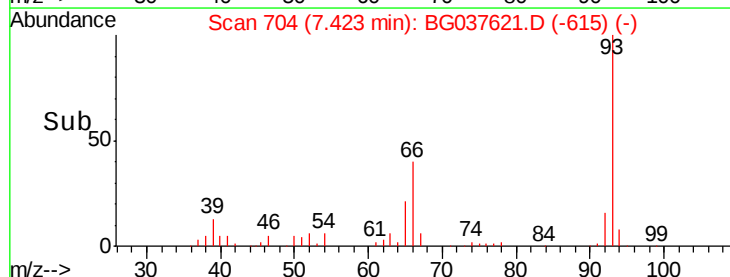
65 20.7 16.4 24.6

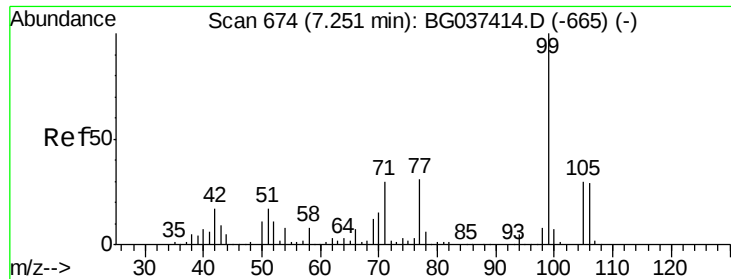


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 15.221 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

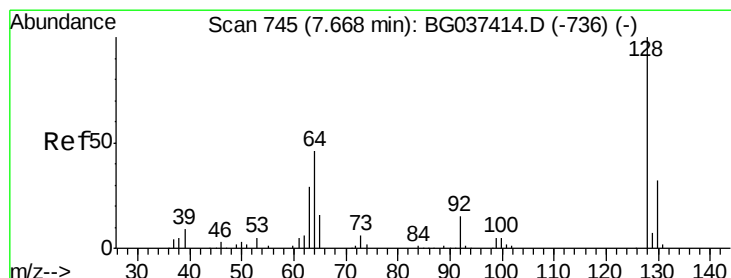
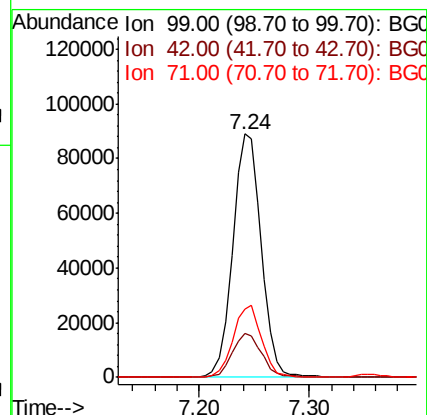
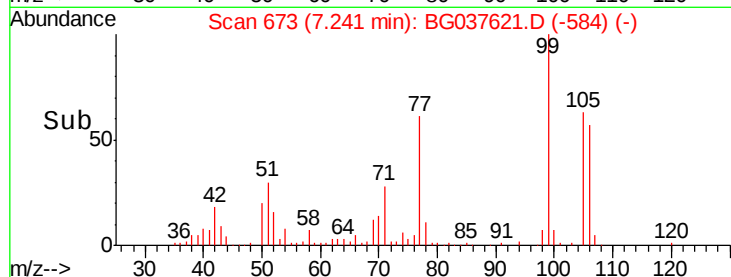
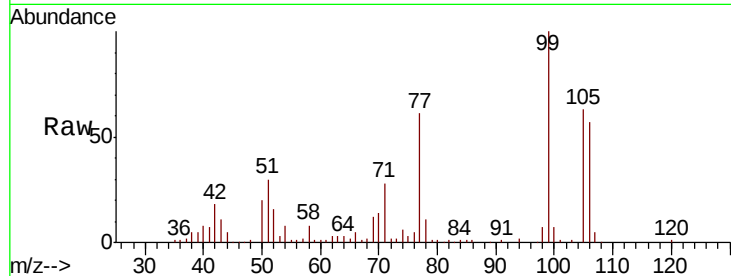
Tot Ion: 99 Resp: 160295

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

71 27.8 25.5 38.3



#8

2-Chlorophenol

Concen: 16.047 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

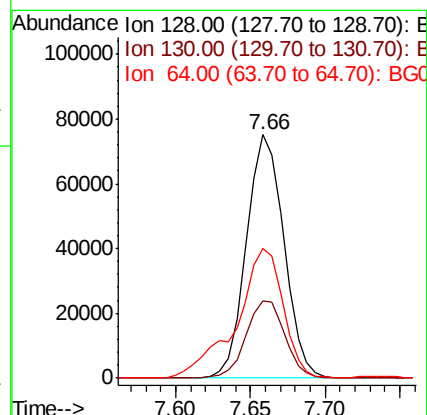
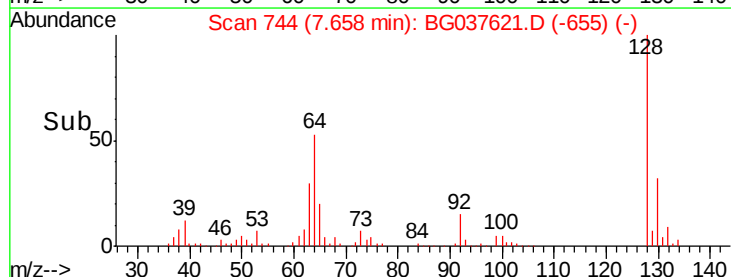
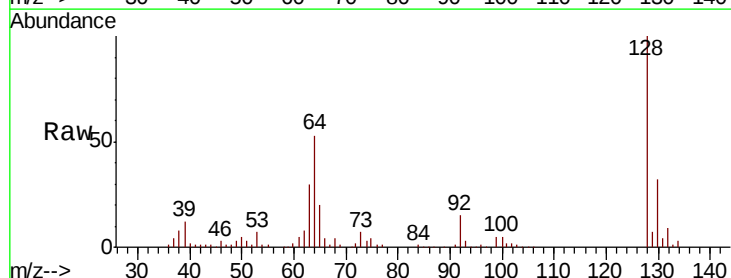
Tgt Ion: 128 Resp: 130748

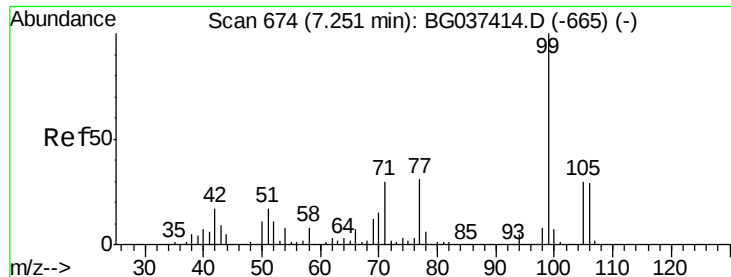
Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 53.1 32.9 72.9





#9

Benzaldehyde

Concen: 14.624 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampled :

MW-15MSD

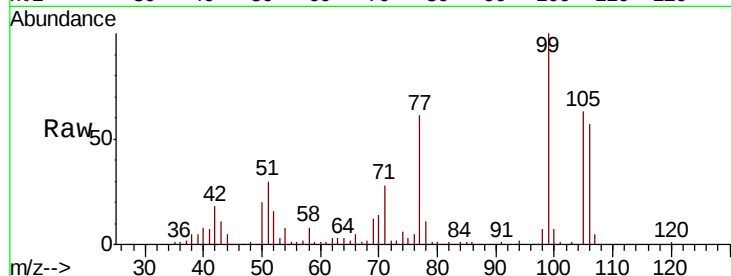
Tot Ion: 77 Resp: 96343

Ion Ratio Lower Upper

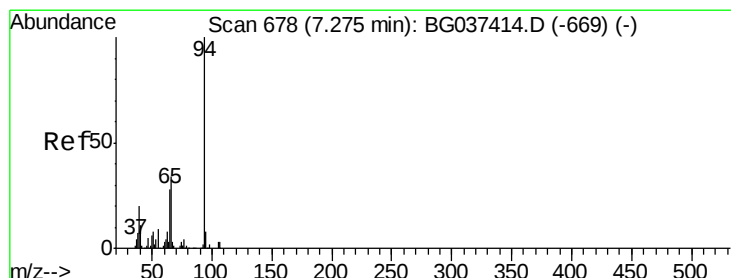
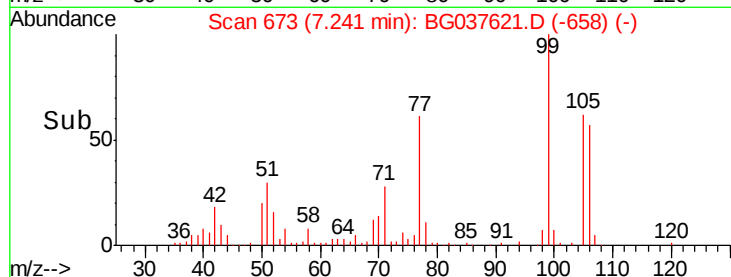
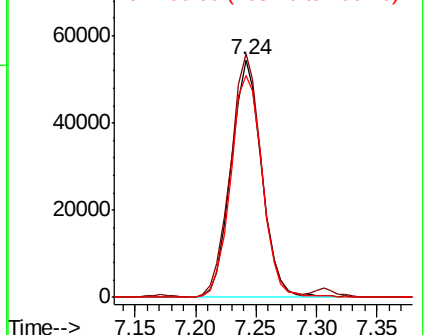
77 100

105 102.6 72.6 112.6

106 93.7 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: 7.221 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

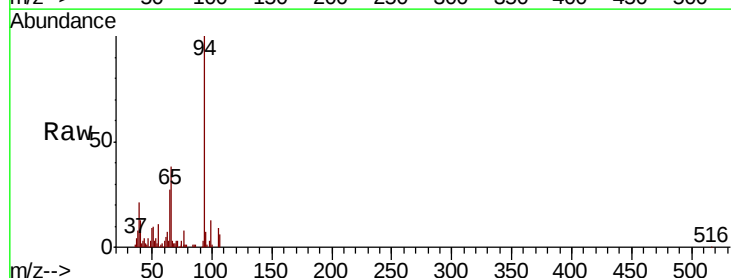
Tgt Ion: 94 Resp: 80241

Ion Ratio Lower Upper

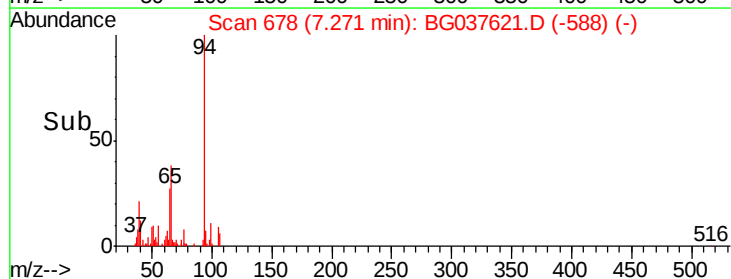
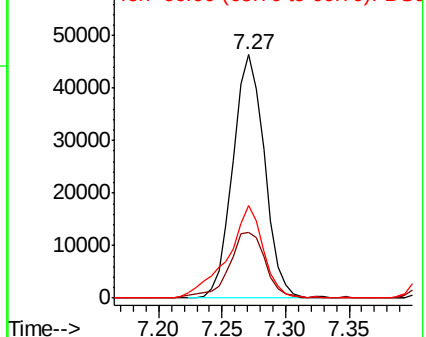
94 100

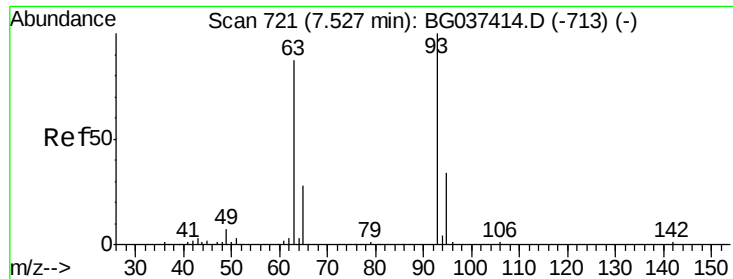
65 26.8 9.7 49.7

66 38.1 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

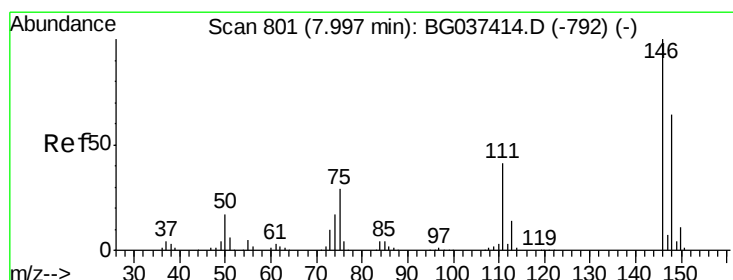
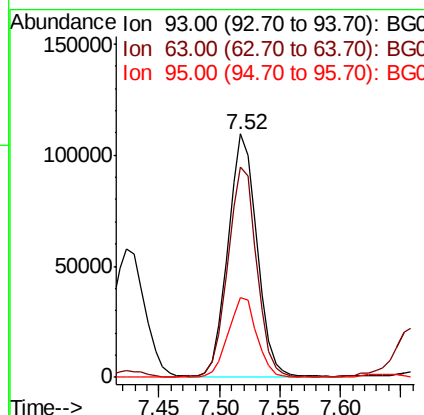
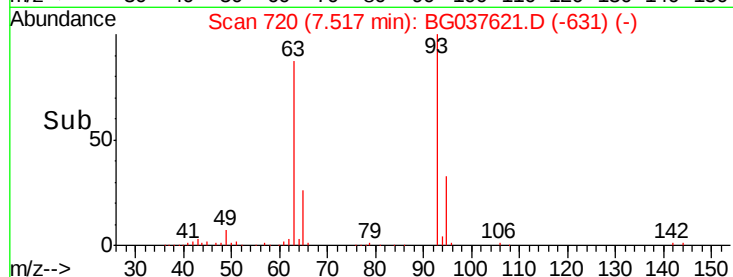
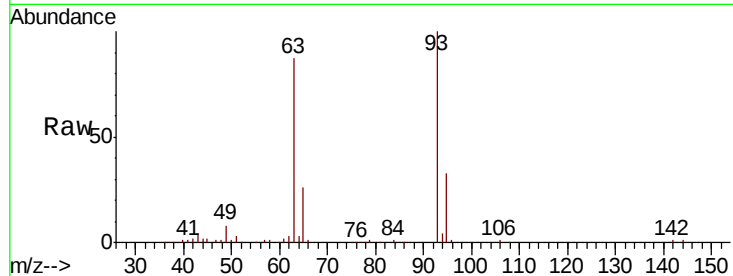




#11
bis(2-Chloroethyl)ether
Concen: 21.643 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

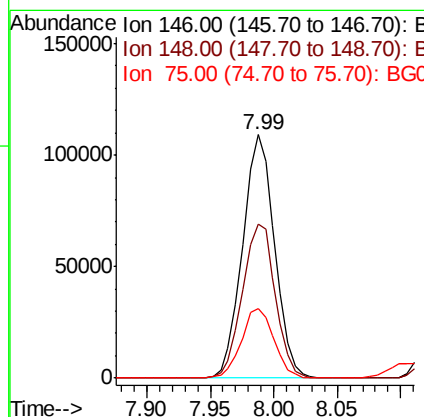
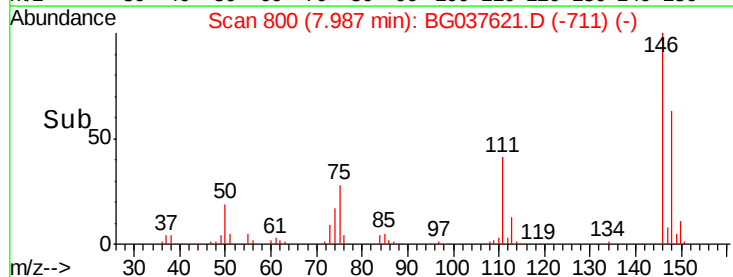
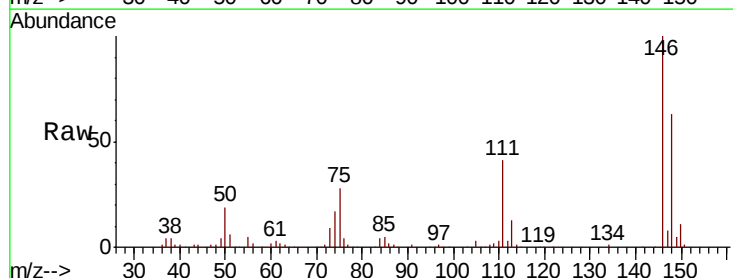
Instrument :
BNA_G
ClientSampled :
MW-15MSD

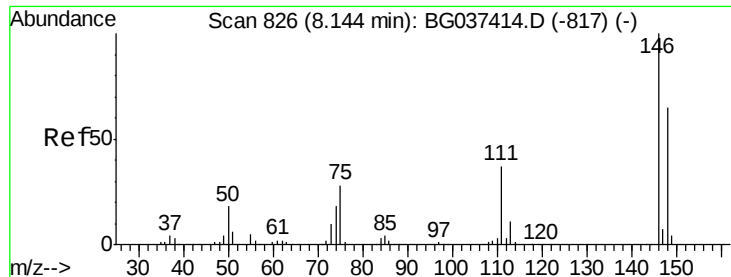
Tot Ion: 93 Resp: 182658
Ion Ratio Lower Upper
93 100
63 86.6 69.5 109.5
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 21.043 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion: 146 Resp: 190875
Ion Ratio Lower Upper
146 100
148 63.5 49.8 74.8
75 28.4 23.2 34.8

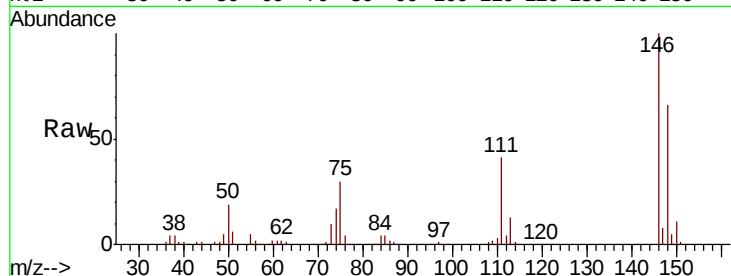




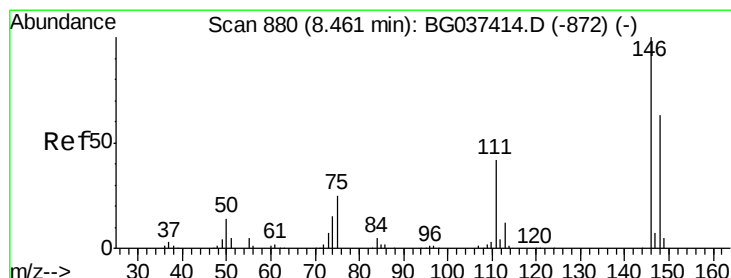
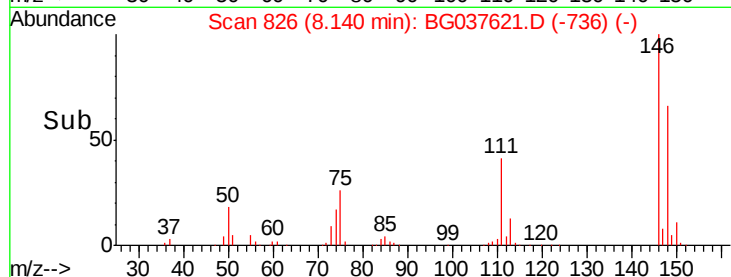
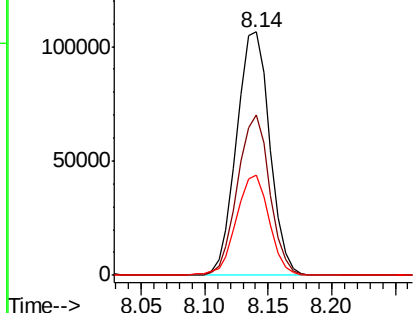
#13
 1,4-Dichlorobenzene
 Concen: 20.800 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

Tot Ion:146 Resp: 192984
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.0 76.6
 111 41.1 32.4 48.6

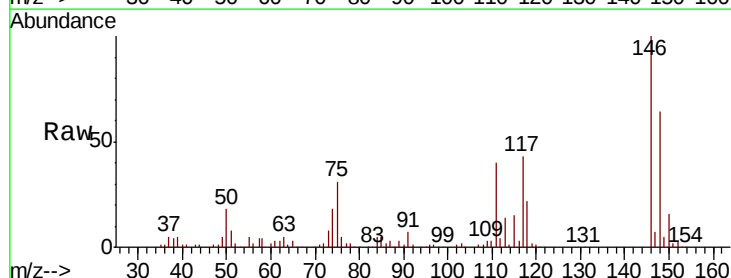


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

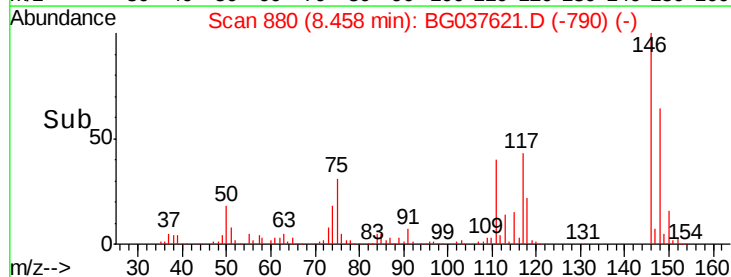
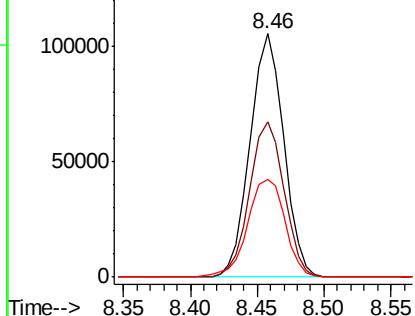


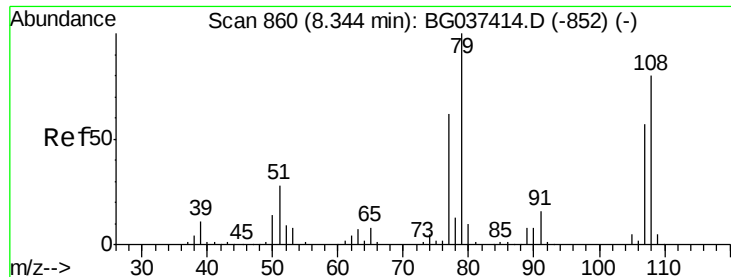
#14
 1,2-Dichlorobenzene
 Concen: 20.582 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion:146 Resp: 183702
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 40.0 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 13.299 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

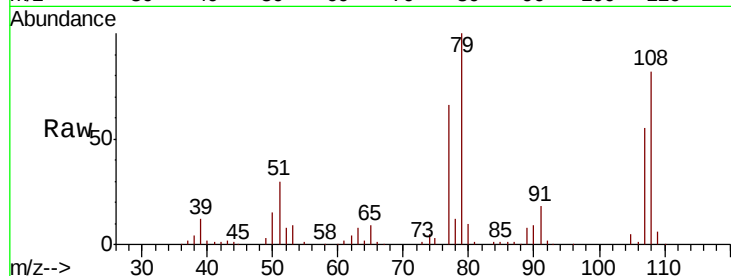
Tot Ion: 79 Resp: 103491

Ion Ratio Lower Upper

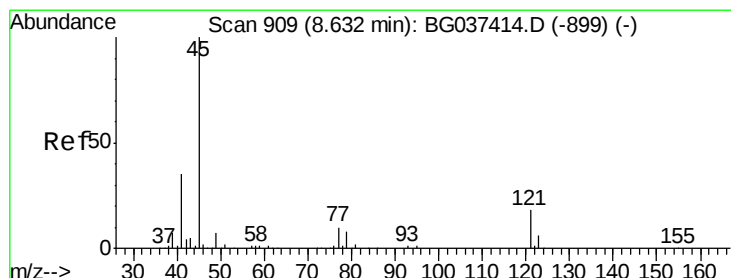
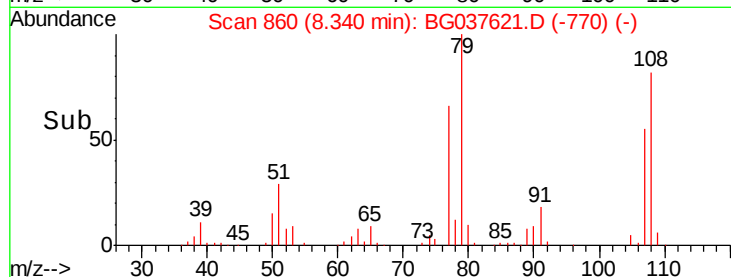
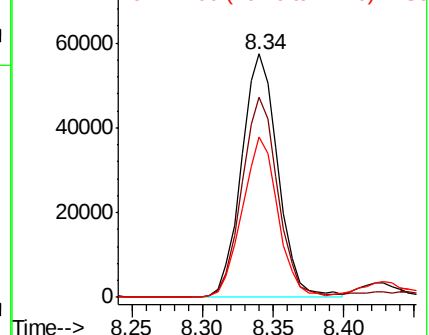
79 100

108 82.2 65.8 98.8

77 65.7 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: 22.074 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

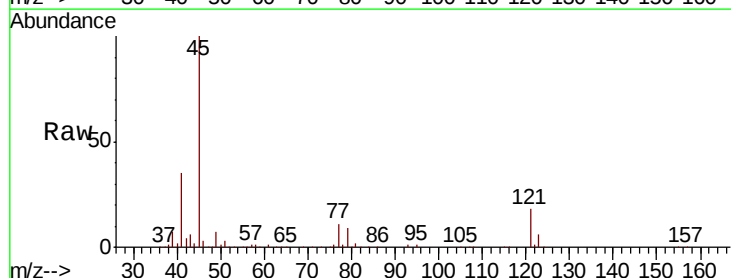
Tgt Ion: 45 Resp: 333332

Ion Ratio Lower Upper

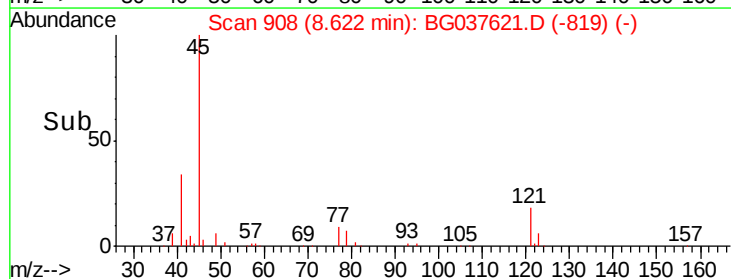
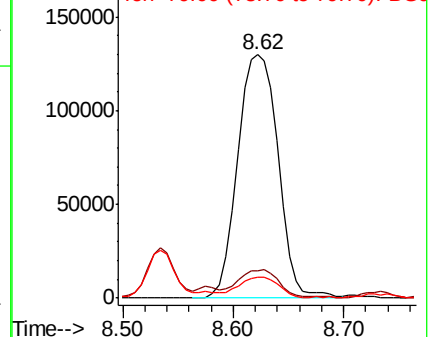
45 100

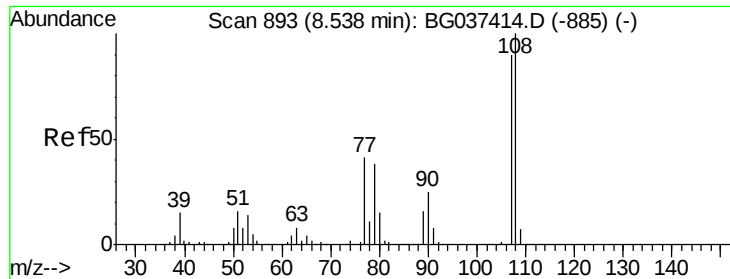
77 11.1 0.0 30.0

79 8.6 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

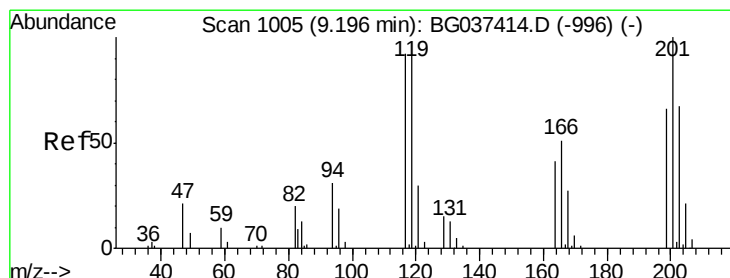
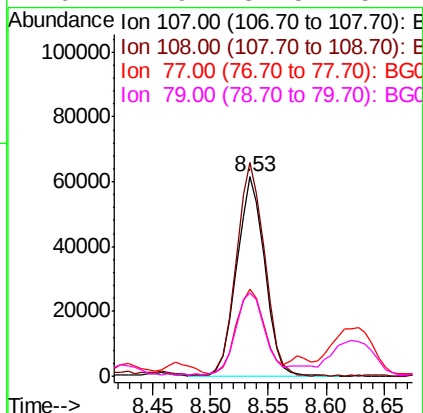
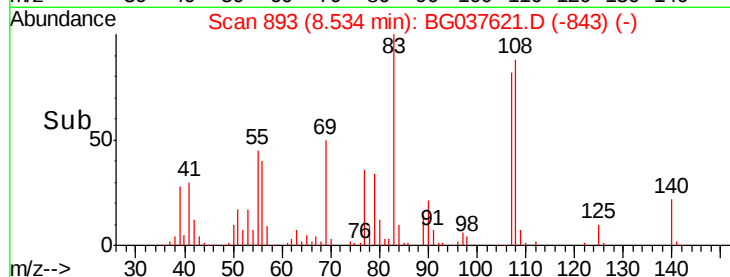
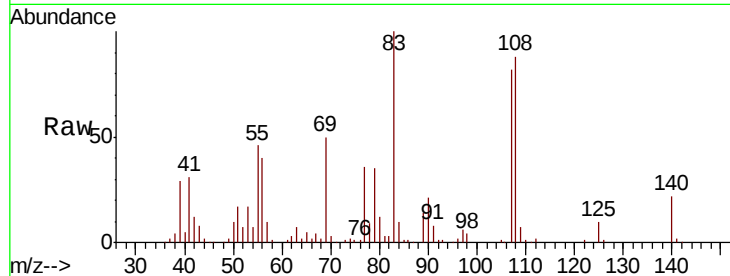




#17
 2-Methylphenol
 Concen: 14.164 ng
 RT: 8.53 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

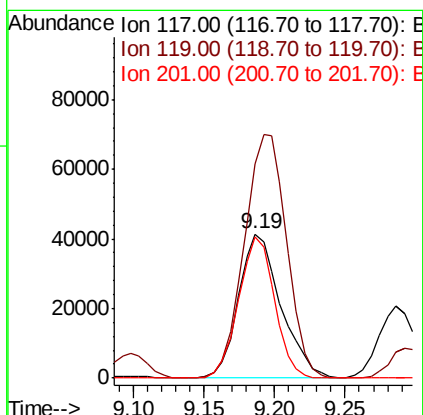
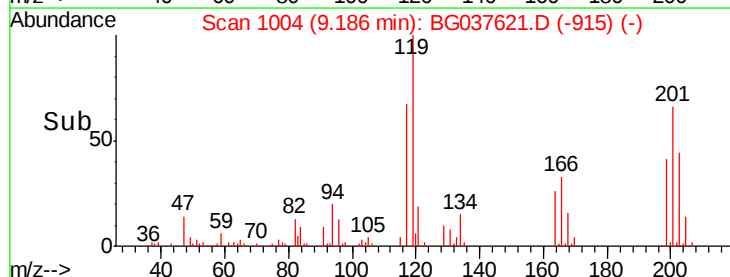
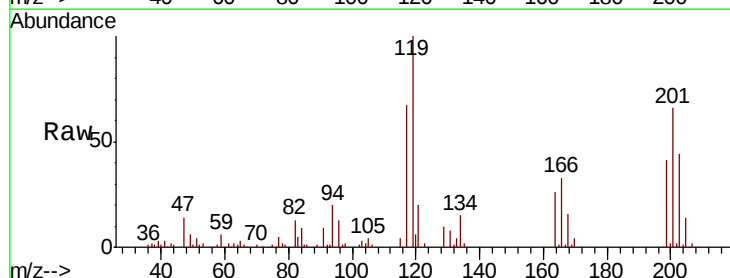
Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

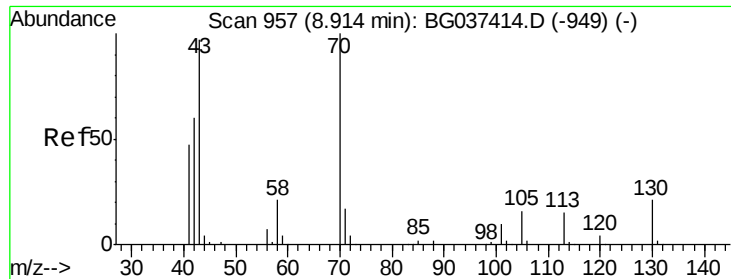
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.1	87.9	131.9
77	44.0	35.1	52.7
79	41.9	34.5	51.7



#18
 Hexachloroethane
 Concen: 27.516 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	148.3	74.6	111.8#
201	97.6	80.8	121.2

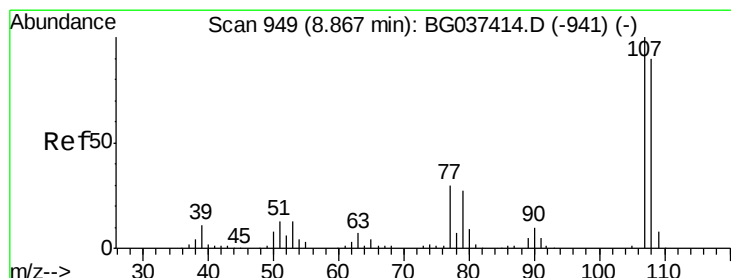
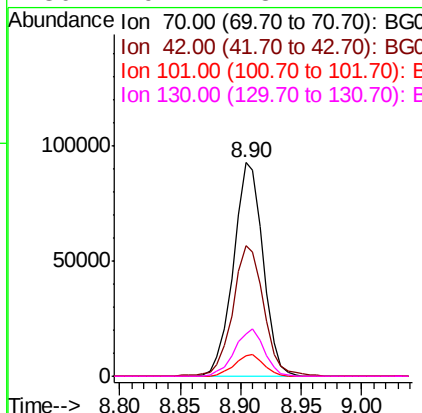
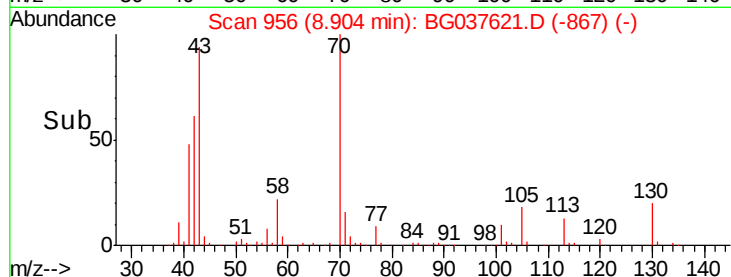
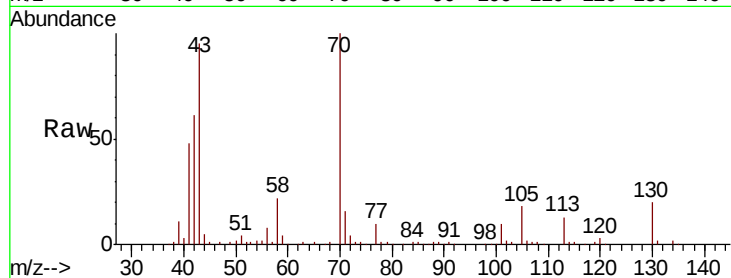




#19
n-Nitroso-di-n-propylamine
Concen: 21.831 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

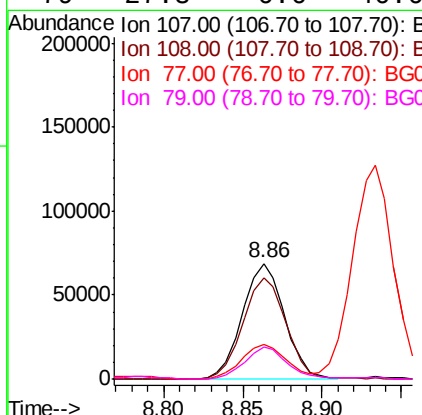
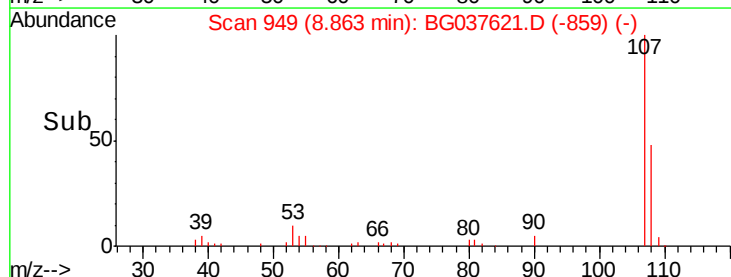
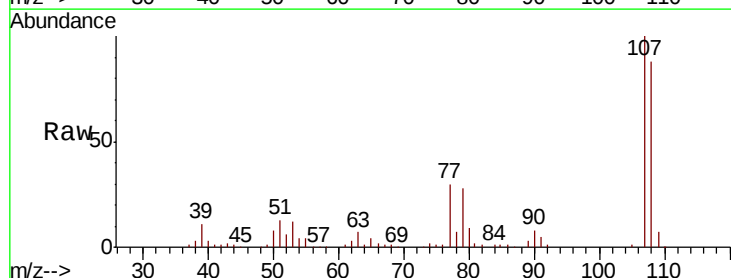
Instrument :
BNA_G
ClientSampled :
MW-15MSD

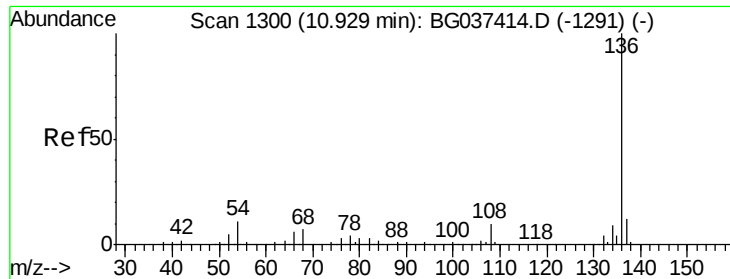
Tot Ion: 70 Resp: 158323
Ion Ratio Lower Upper
70 100
42 61.0 53.9 80.9
101 9.6 8.2 12.2
130 19.7 18.2 27.4



#20
3+4-Methylphenols
Concen: 12.045 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion: 107 Resp: 126507
Ion Ratio Lower Upper
107 100
108 87.8 69.9 109.9
77 30.3 11.2 51.2
79 27.8 6.6 46.6

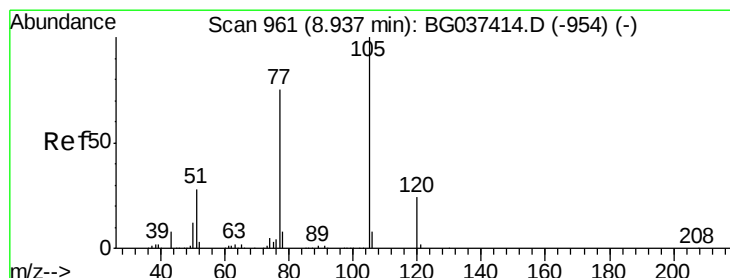
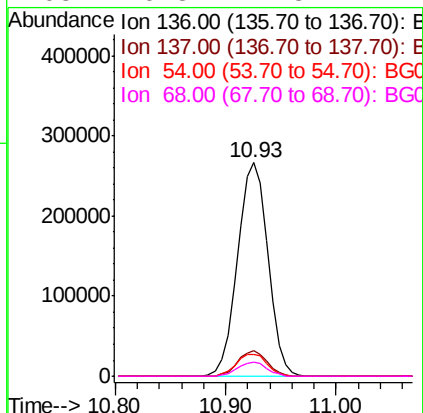
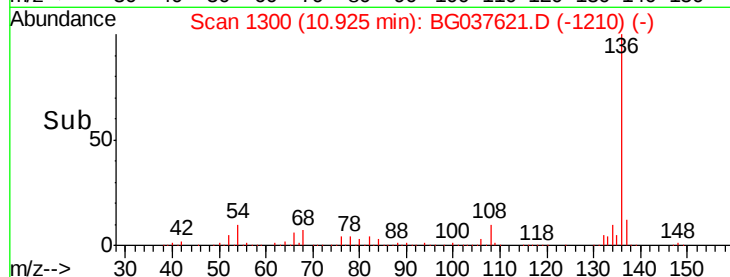
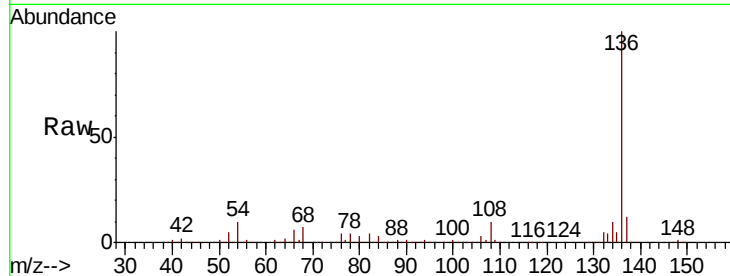




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

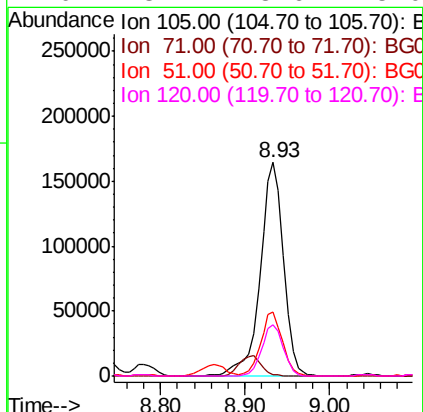
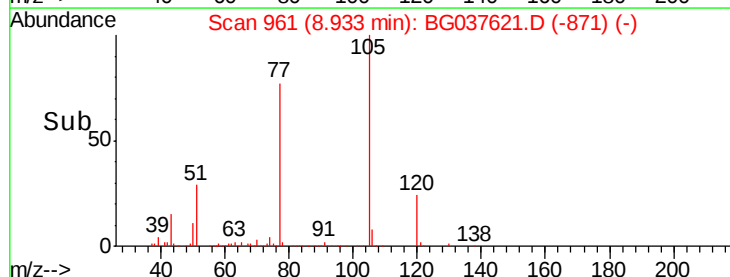
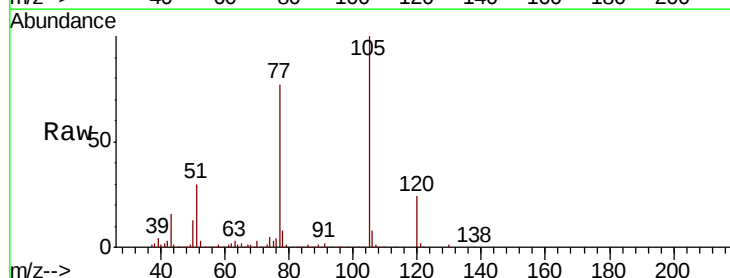
Instrument :
BNA_G
ClientSampleId :
MW-15MSD

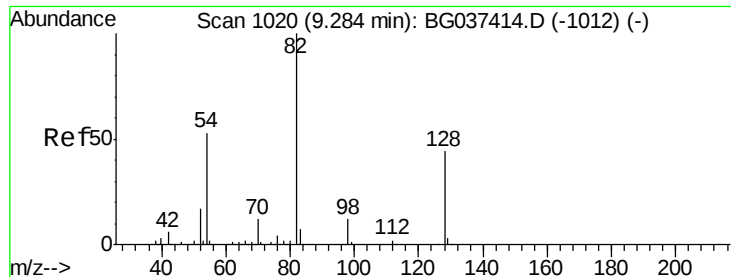
Tot Ion:136	Resp:	516111
Ion	Ratio	Lower Upper
136	100	
137	12.2	9.6 14.4
54	10.3	7.9 11.9
68	6.8	4.8 7.2



#22
Acetophenone
Concen: 24.397 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:105	Resp:	315786
Ion	Ratio	Lower Upper
105	100	
71	0.5	1.2 1.8#
51	29.8	25.0 37.6
120	23.7	18.6 28.0

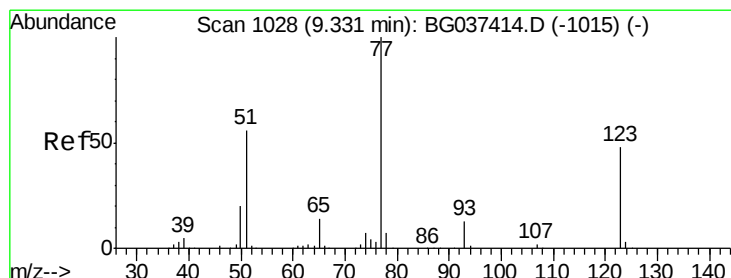
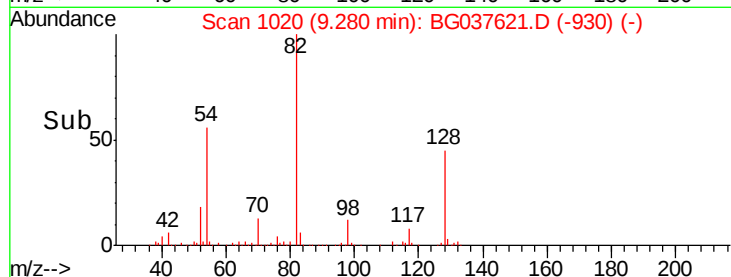
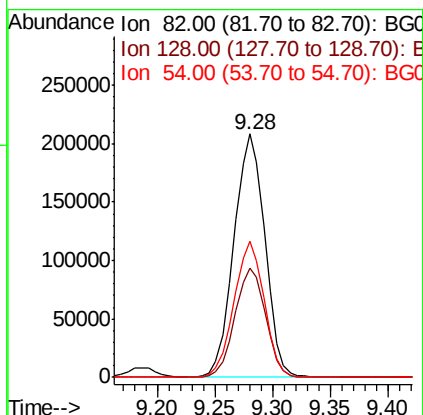
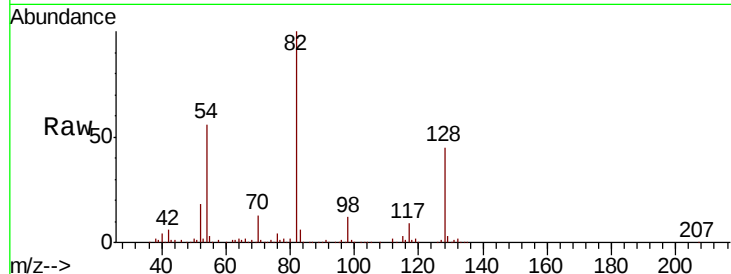




#23
Nitrobenzene-d5
Concen: 41.992 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

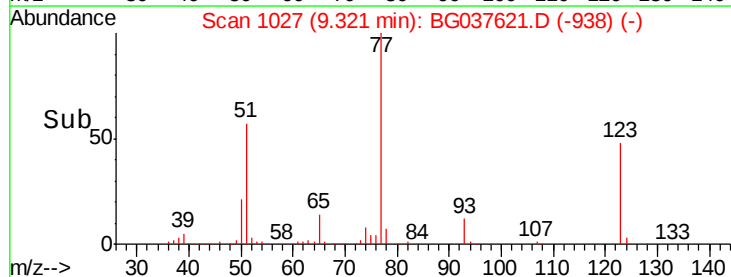
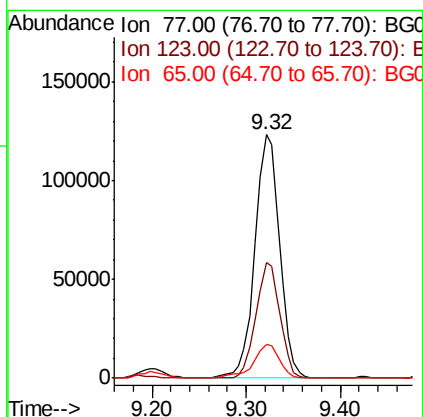
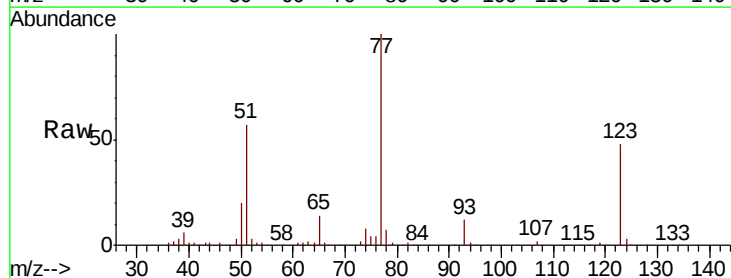
Instrument :
BNA_G
ClientSampleId :
MW-15MSD

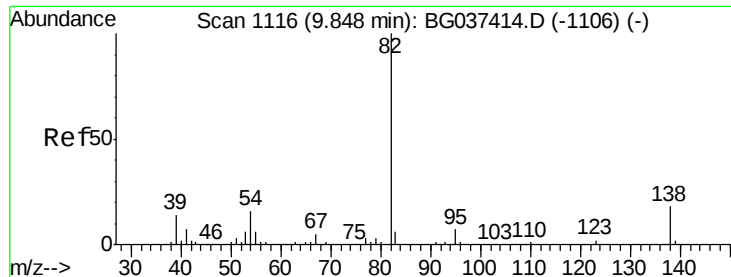
Tot Ion	82	Resp	386881
Ion Ratio	100	Lower	Upper
128	45.0	34.6	51.8
54	56.0	45.3	67.9



#24
Nitrobenzene
Concen: 23.577 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion	77	Resp	225653
Ion Ratio	100	Lower	Upper
123	47.7	33.6	50.4
65	13.9	11.3	16.9





#25

Isophorone

Concen: 26.501 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

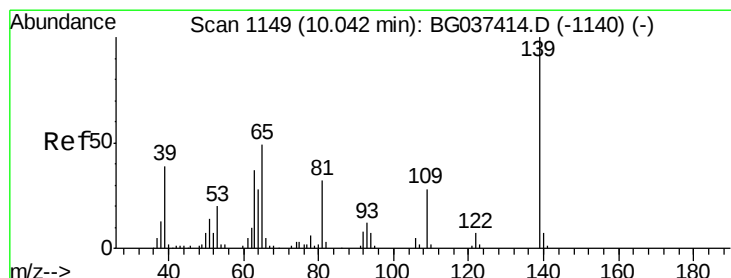
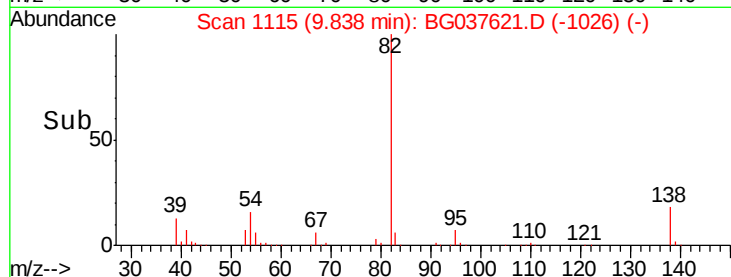
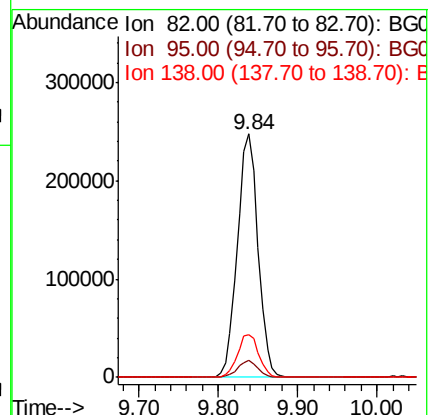
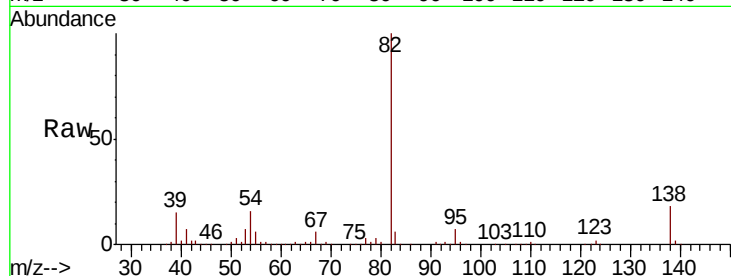
Tot Ion: 82 Resp: 446115

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 17.8 13.3 19.9



#26

2-Nitrophenol

Concen: 18.821 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

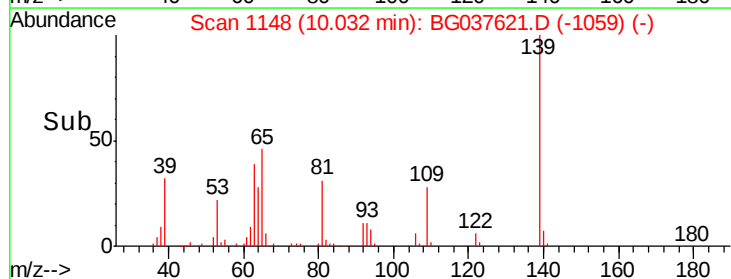
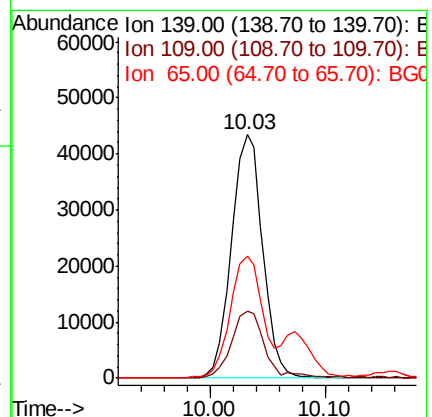
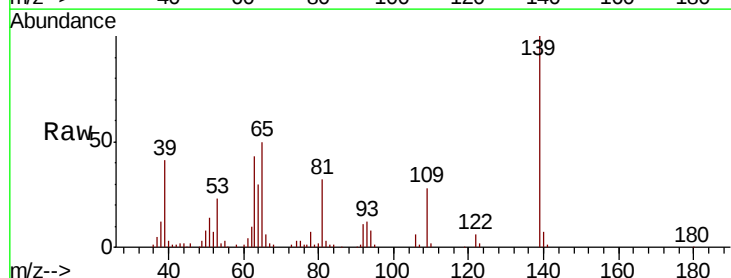
Tgt Ion: 139 Resp: 81151

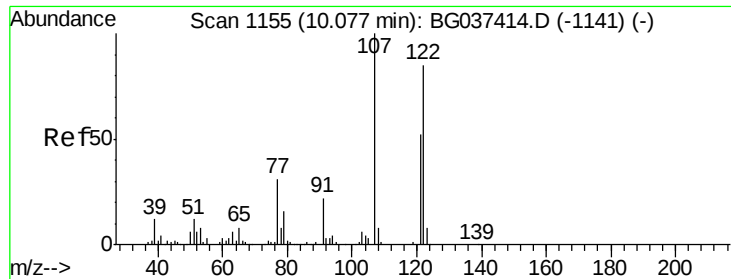
Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

65 50.0 39.8 59.8

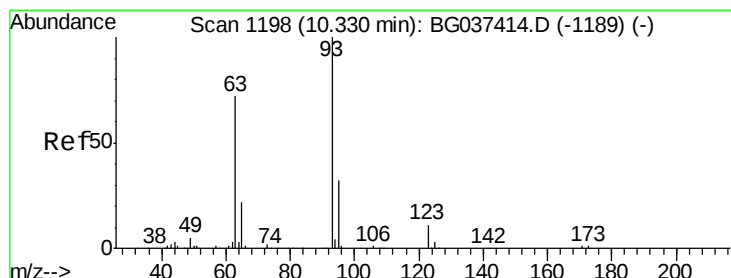
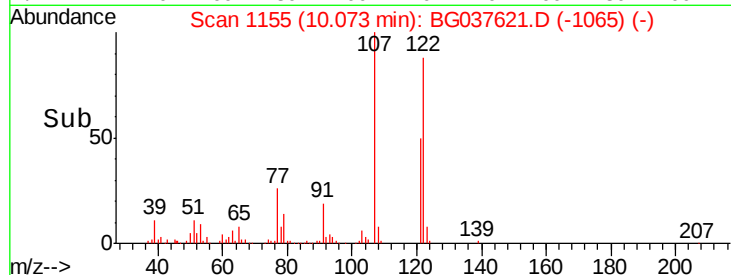
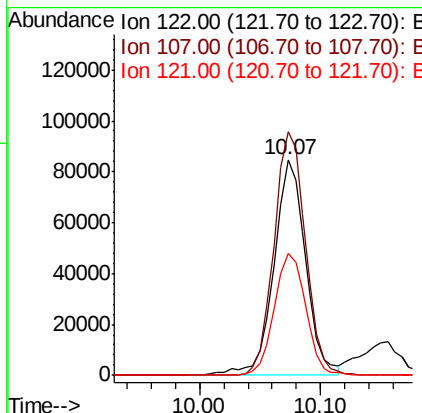
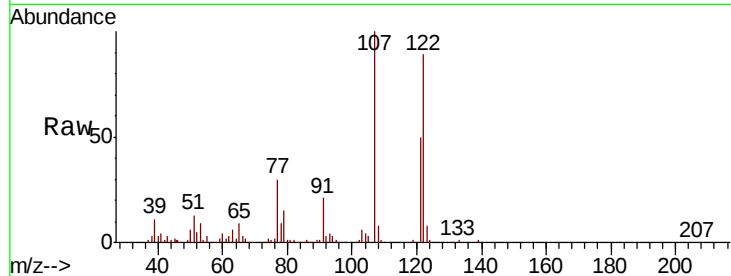




#27
 2,4-Dimethylphenol
 Concen: 19.868 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

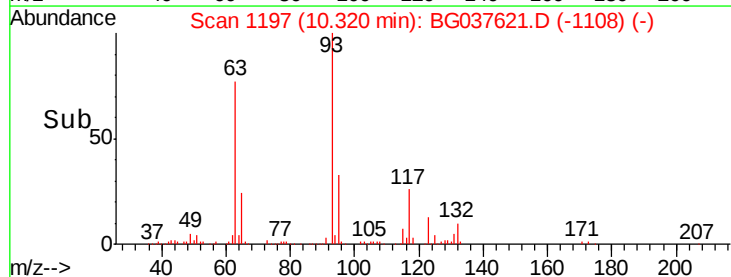
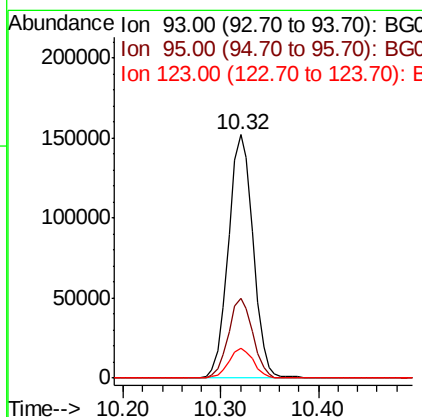
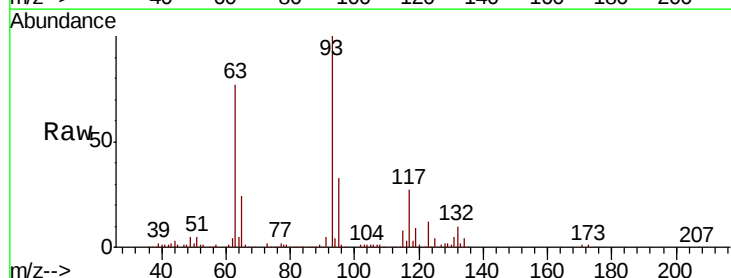
Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

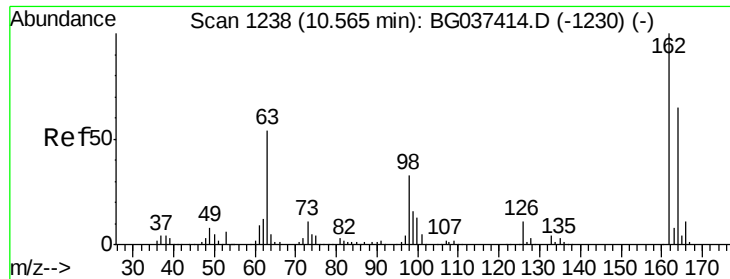
Tot Ion:122 Resp: 152950
 Ion Ratio Lower Upper
 122 100
 107 113.0 94.2 141.2
 121 56.6 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.222 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion: 93 Resp: 267154
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.6 37.0
 123 12.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 18.068 ng

RT: 10.56 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

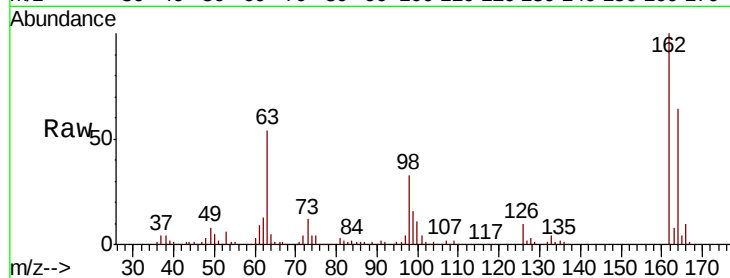
Tot Ion:162 Resp: 154869

Ion Ratio Lower Upper

162 100

164 64.2 43.2 83.2

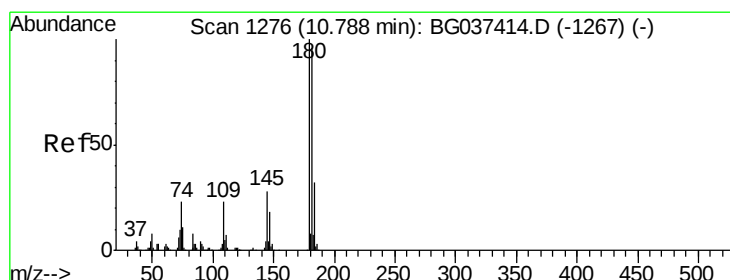
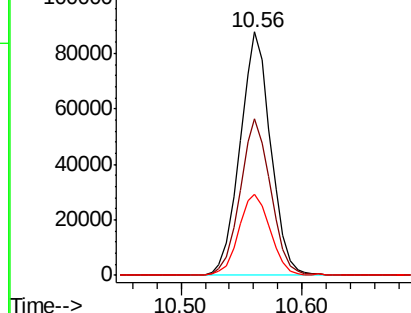
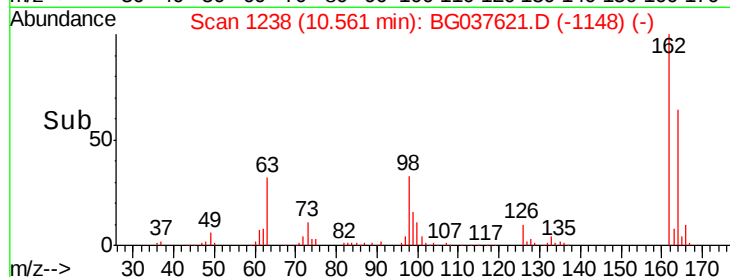
98 33.4 16.0 56.0



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: 21.972 ng

RT: 10.78 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

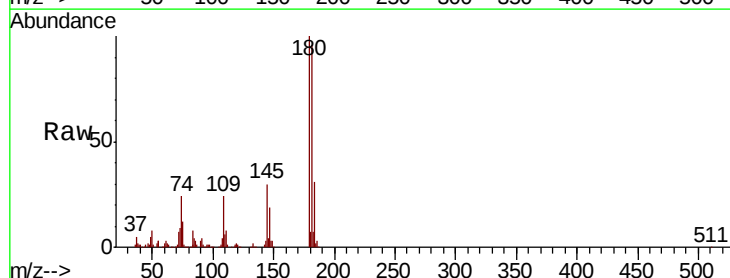
Tgt Ion:180 Resp: 204803

Ion Ratio Lower Upper

180 100

182 95.8 77.7 116.5

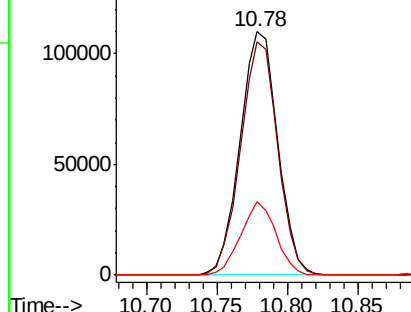
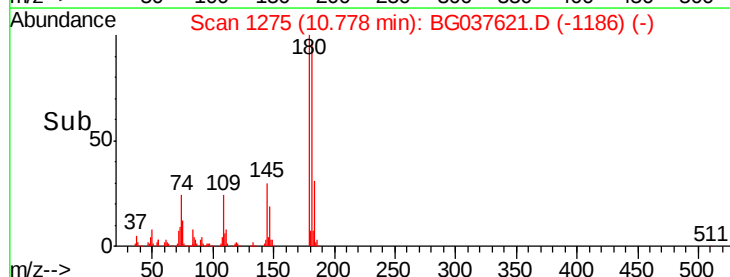
145 30.4 23.3 34.9

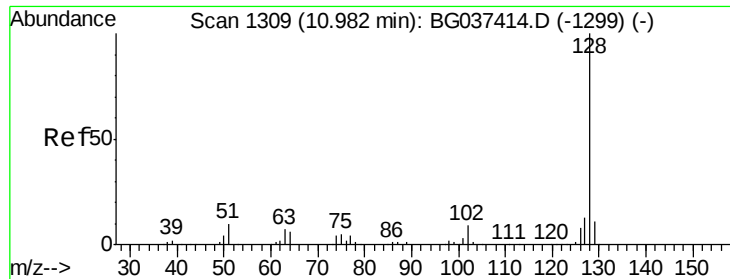


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

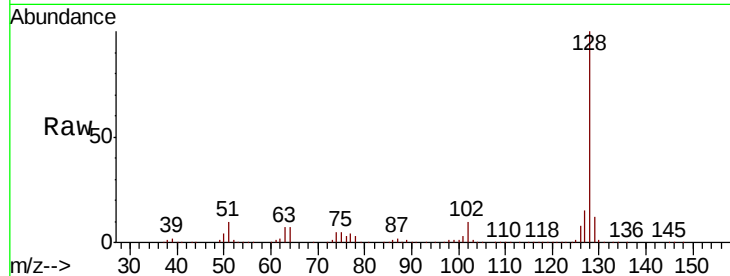




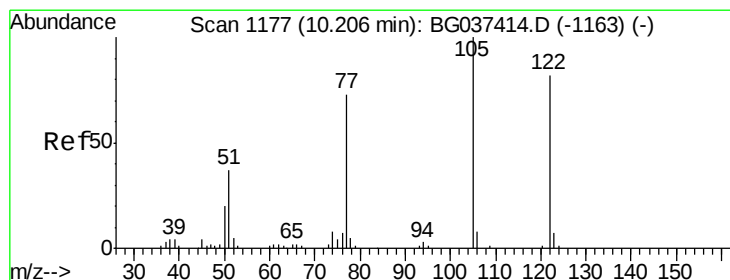
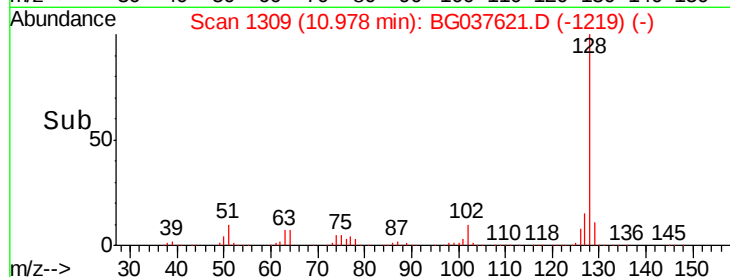
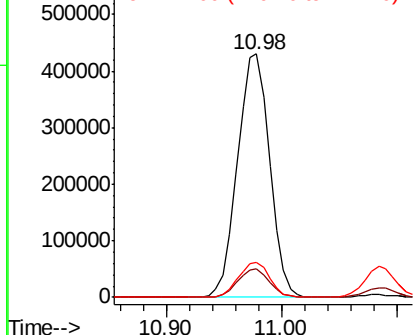
#31
Naphthalene
Concen: 32.829 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_G
ClientSampleId :
MW-15MSD

Tot Ion:128 Resp: 832224
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.5 11.1 16.7

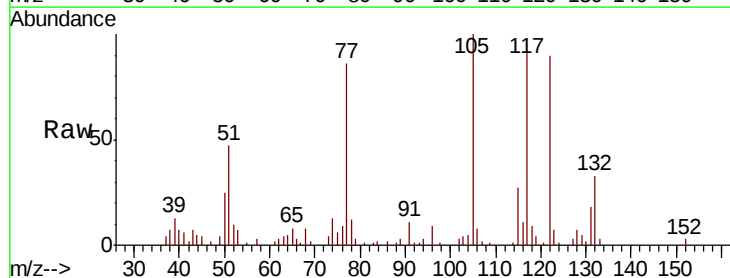


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

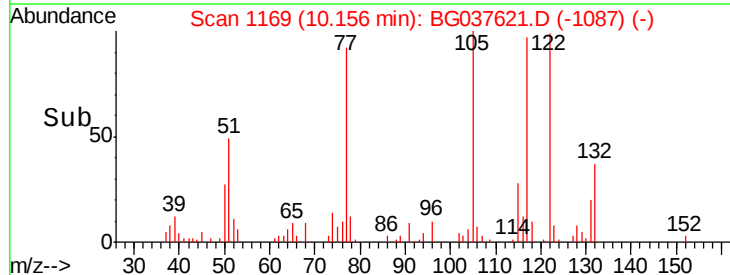
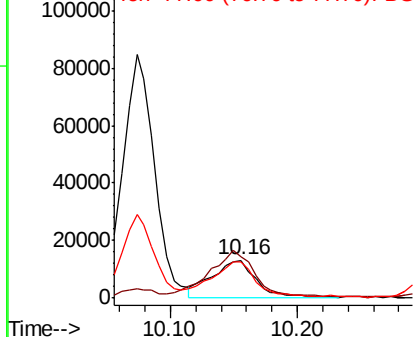


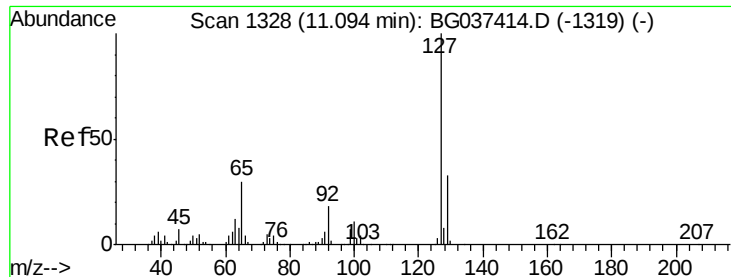
#32
Benzoic acid
Concen: 6.237 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:122 Resp: 31185
Ion Ratio Lower Upper
122 100
105 111.4 106.7 146.7
77 95.4 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

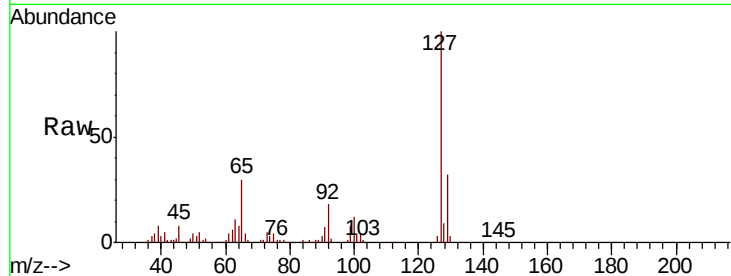




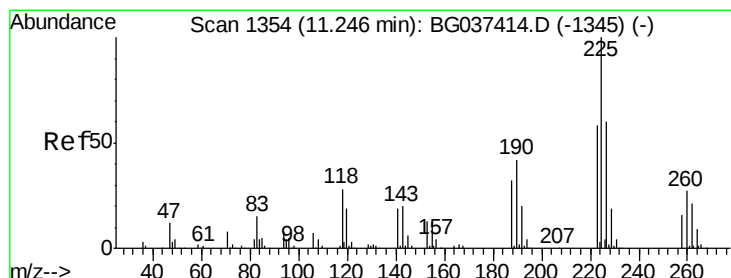
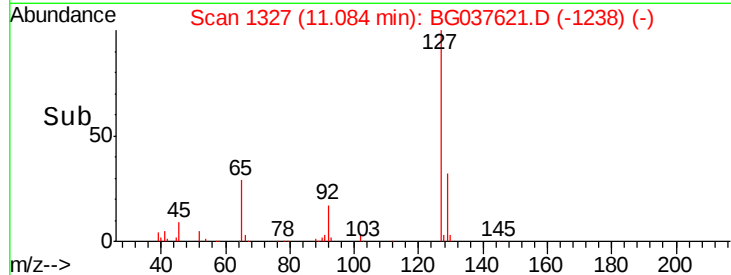
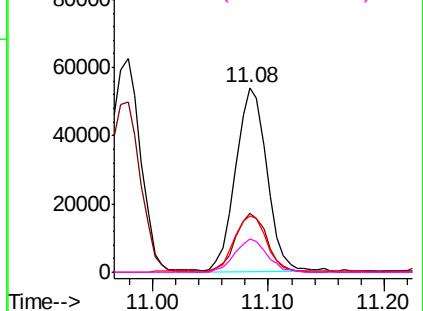
#33
4-Chloroaniline
Concen: 8.583 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_G
ClientSampleId :
MW-15MSD

Tot Ion:127	Resp:	102233
Ion	Ratio	Lower Upper
127	100	
129	32.1	27.1 40.7
65	30.3	26.6 39.8
92	17.8	16.4 24.6

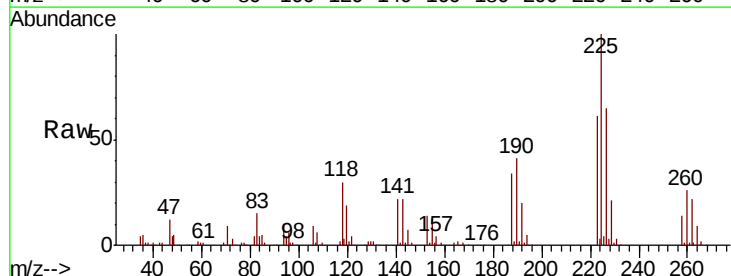


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

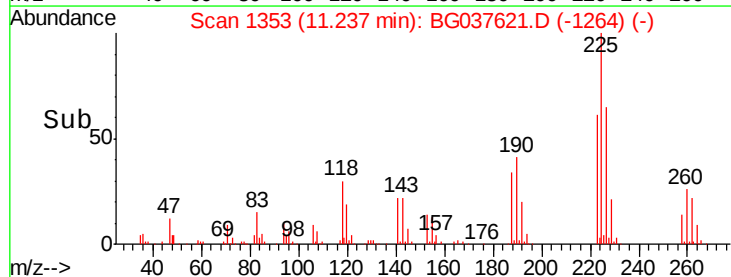
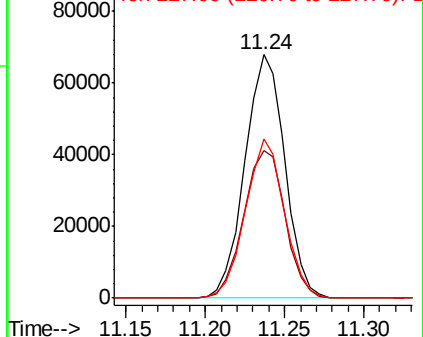


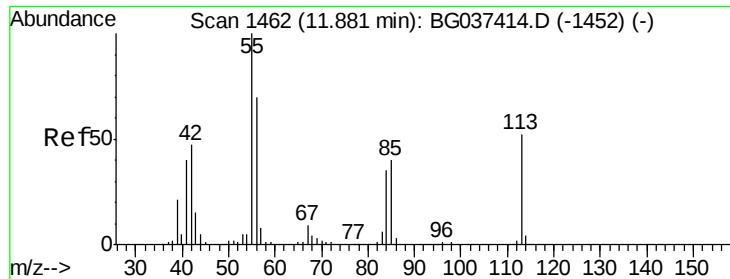
#34
Hexachlorobutadiene
Concen: 21.440 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:225	Resp:	118447
Ion	Ratio	Lower Upper
225	100	
223	61.7	48.2 72.4
227	65.5	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

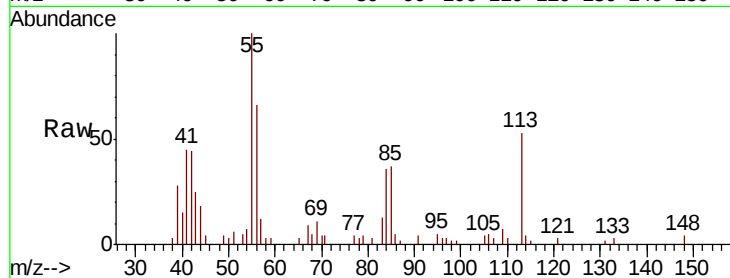




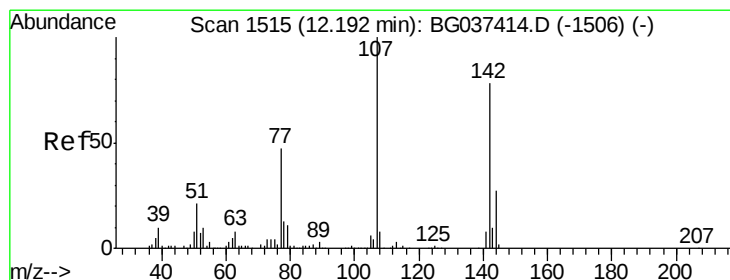
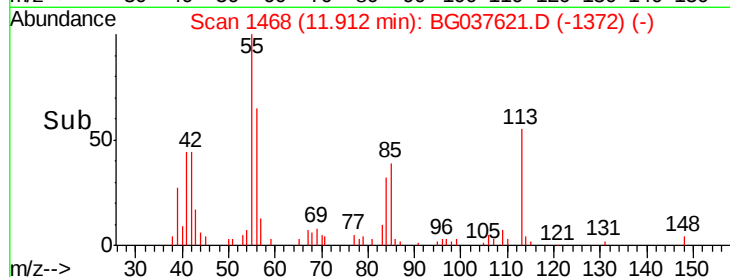
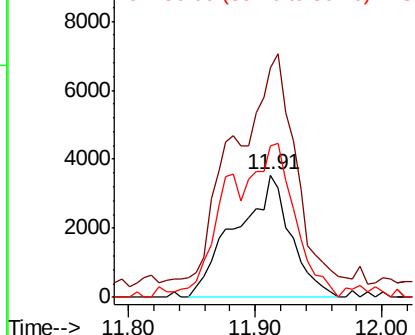
#35
 Caprolactam
 Concen: 3.104 ng
 RT: 11.91 min Scan# 1468
 Delta R.T. 0.03 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

Tot Ion:113 Resp: 10672
 Ion Ratio Lower Upper
 113 100
 55 188.0 176.6 216.6
 56 123.6 128.3 168.3#

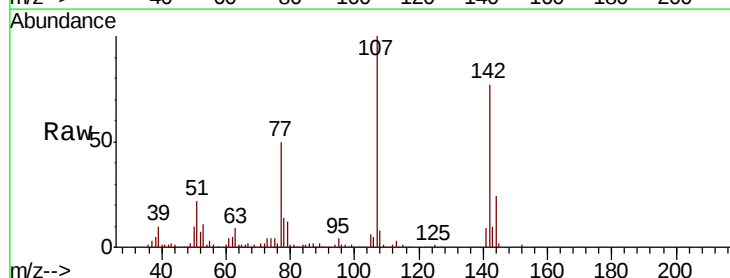


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

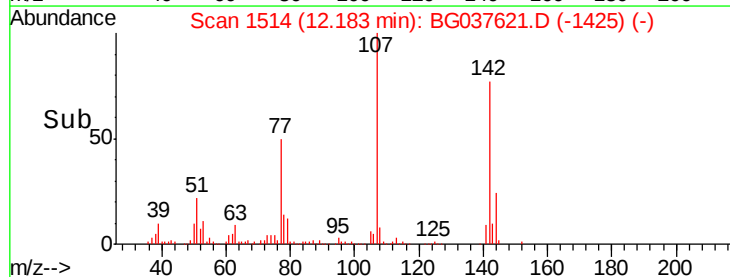
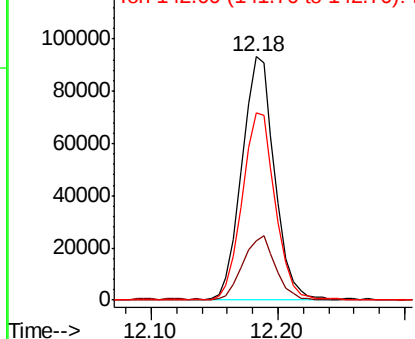


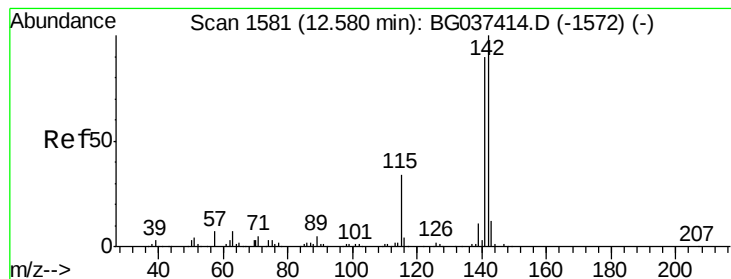
#36
 4-Chloro-3-methylphenol
 Concen: 17.256 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion:107 Resp: 166807
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.7 31.1
 142 77.1 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: 28.151 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

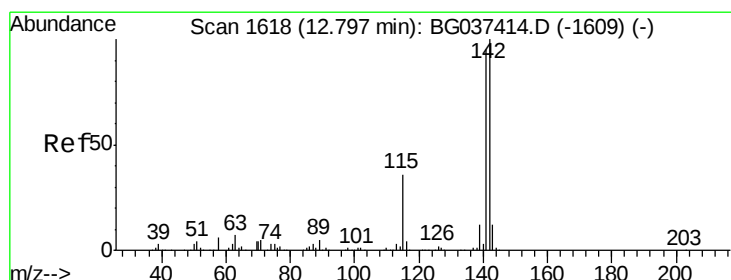
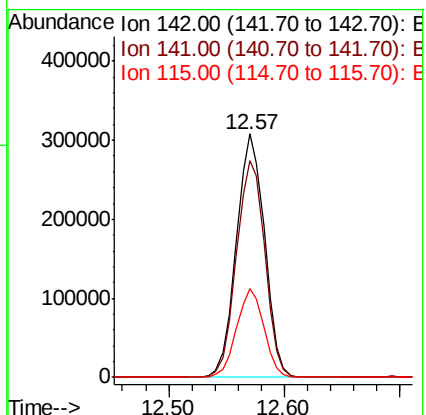
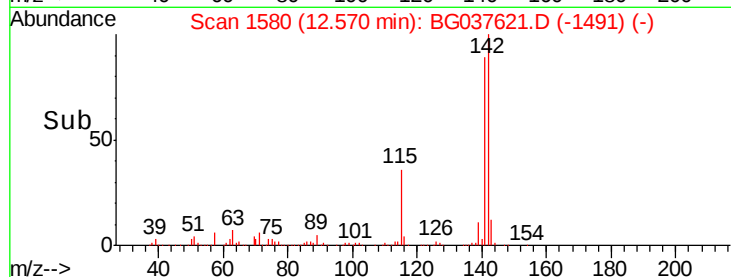
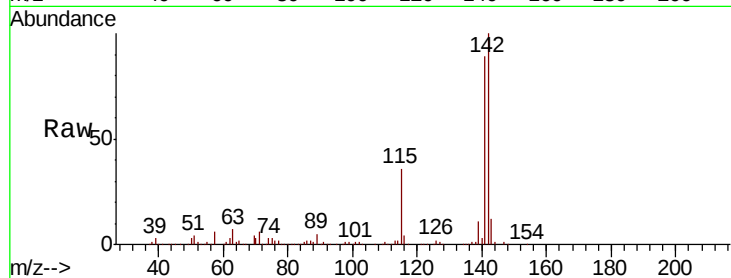
Tot Ion:142 Resp: 520211

Ion Ratio Lower Upper

142 100

141 88.8 71.9 107.9

115 36.3 27.8 41.8



#38

1-Methylnaphthalene

Concen: 53.279 ng

RT: 12.79 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

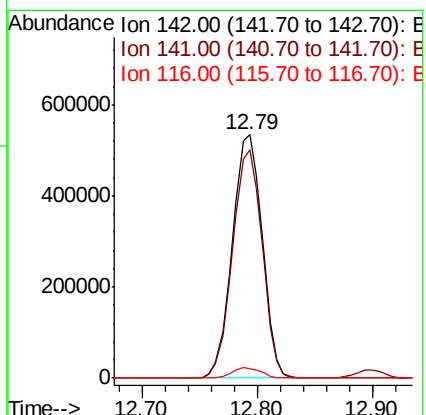
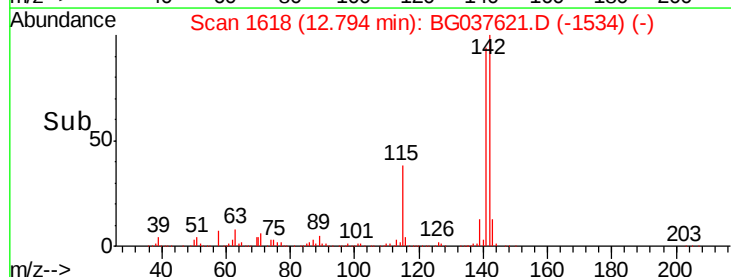
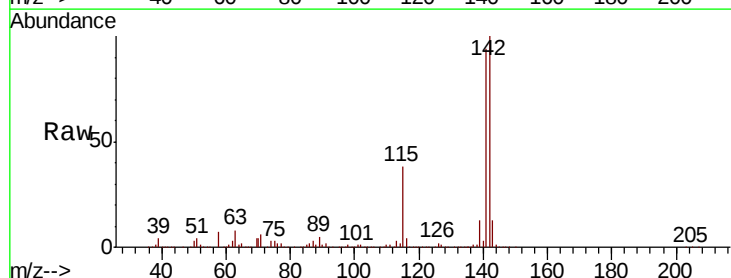
Tgt Ion:142 Resp: 956136

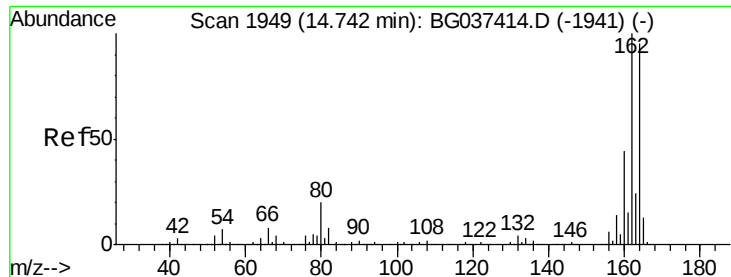
Ion Ratio Lower Upper

142 100

141 94.0 75.2 112.8

116 4.1 3.3 4.9

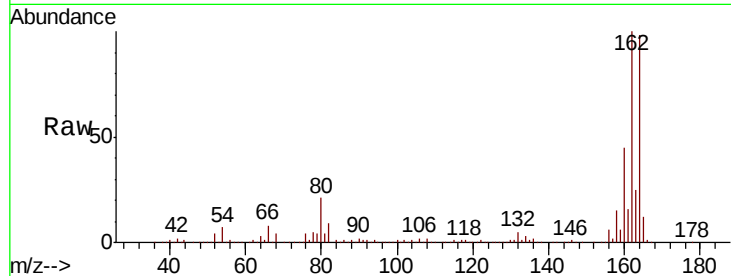




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	46.1	36.3	54.5

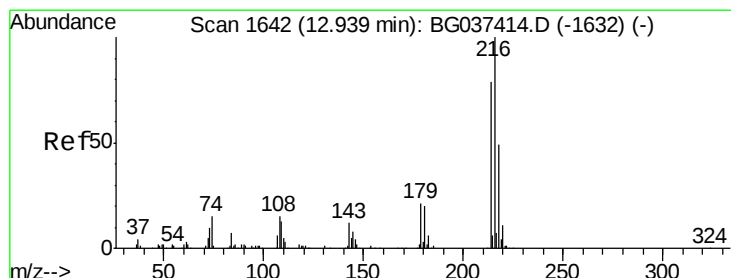
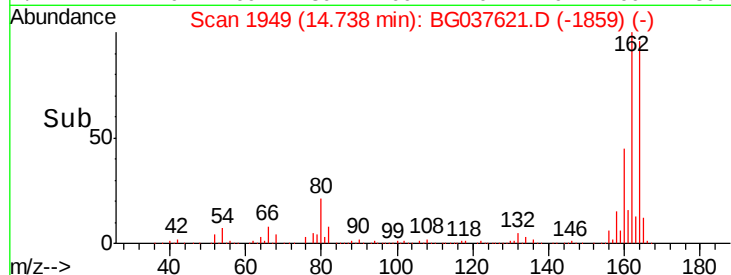
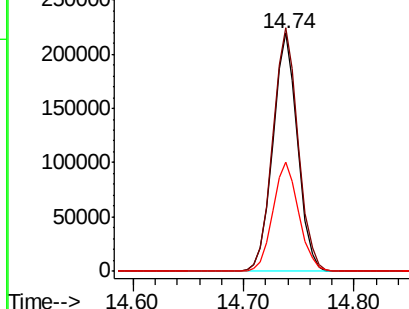


Abundance

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: 21.547 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	21.2	17.4	26.0
108	19.0	13.9	20.9

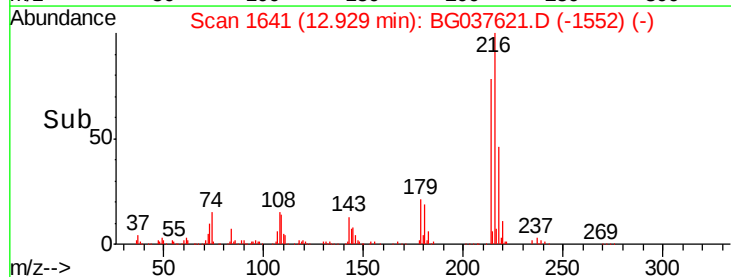
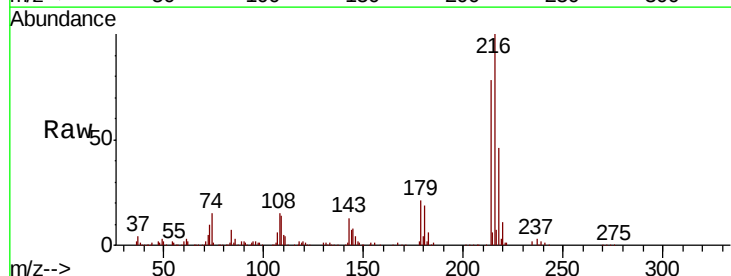
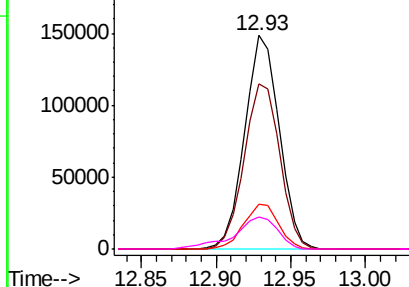
Abundance

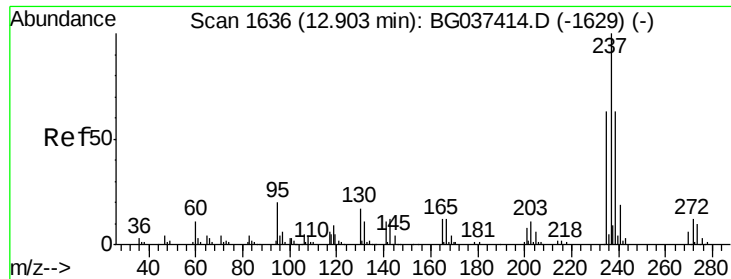
Ion 216.00 (215.70 to 216.70): E

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: 49.544 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

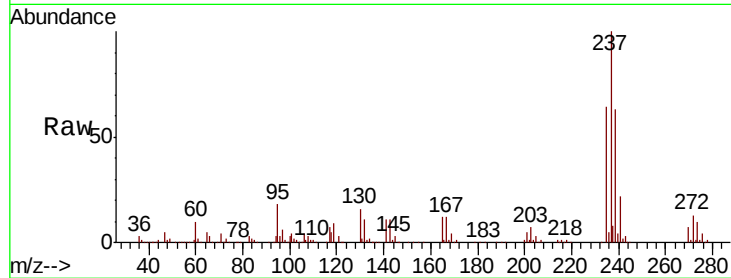
Tot Ion:237 Resp: 260623

Ion Ratio Lower Upper

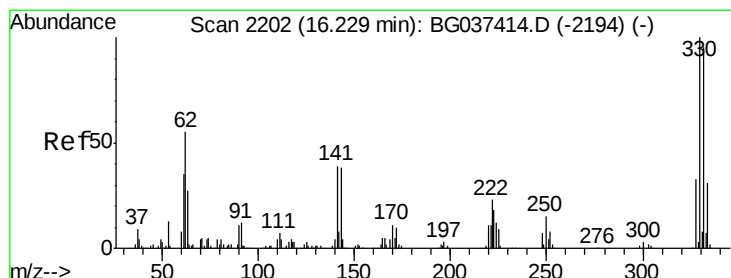
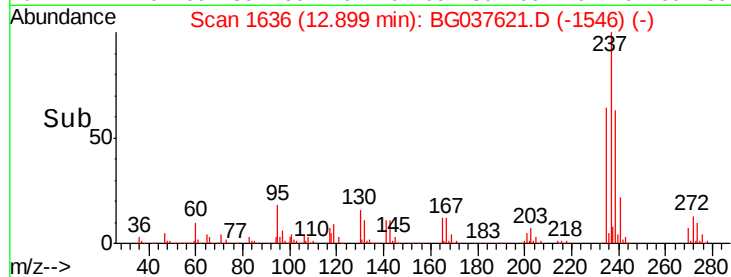
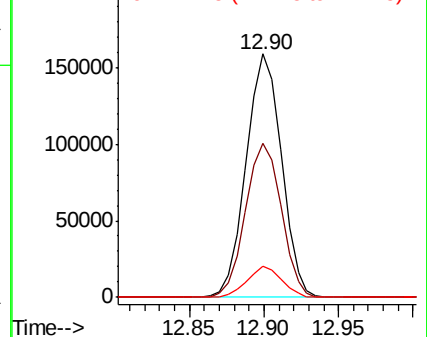
237 100

235 63.5 42.5 82.5

272 12.5 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: 53.155 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

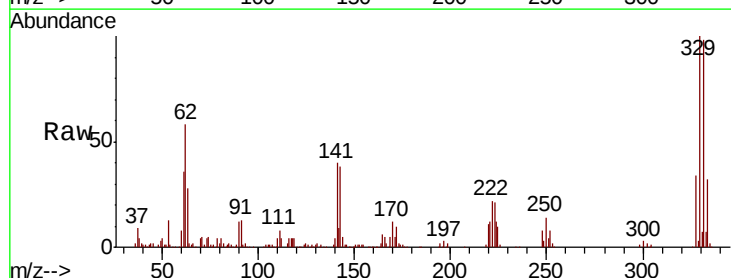
Tgt Ion:330 Resp: 197939

Ion Ratio Lower Upper

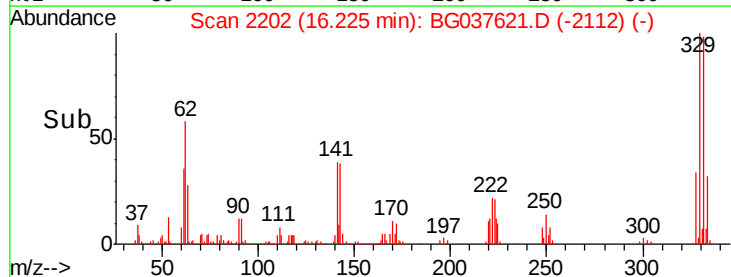
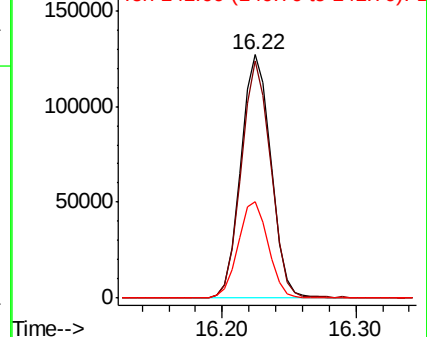
330 100

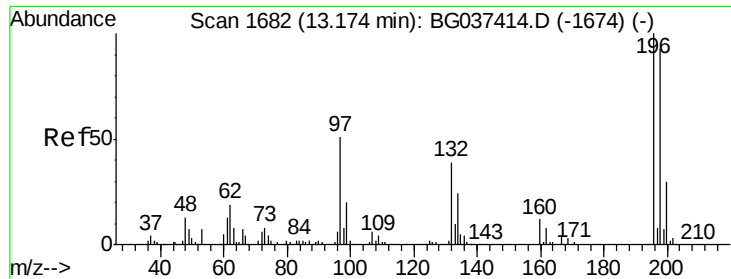
332 96.1 78.4 117.6

141 39.9 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

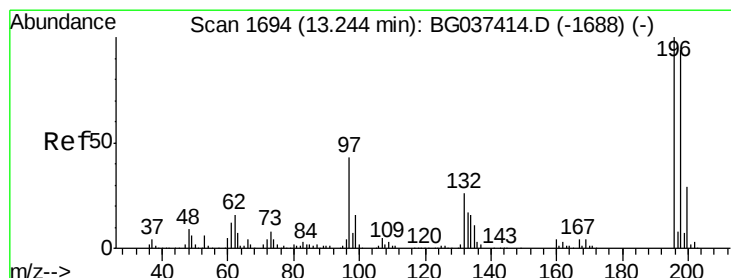
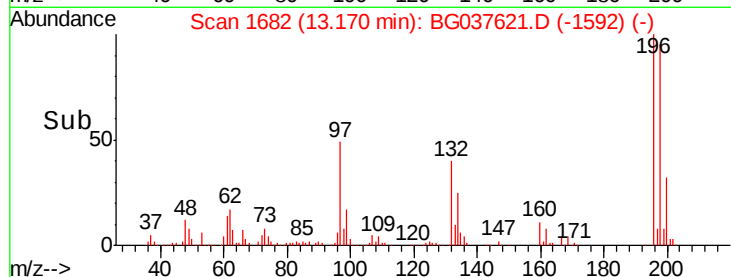
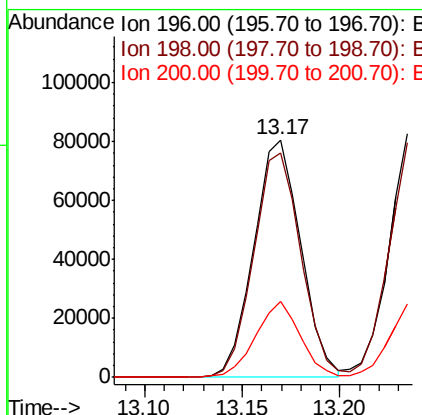
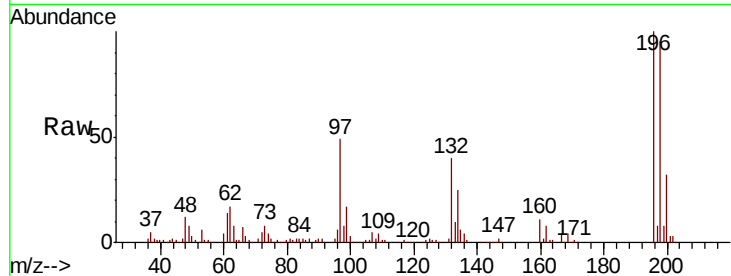




#43
 2,4,6-Trichlorophenol
 Concen: 18.208 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

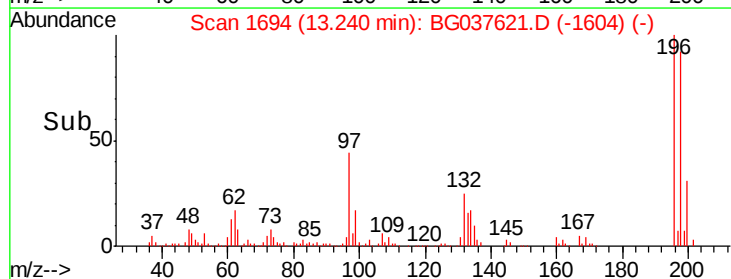
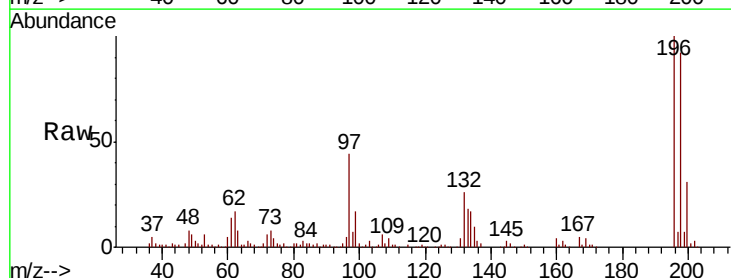
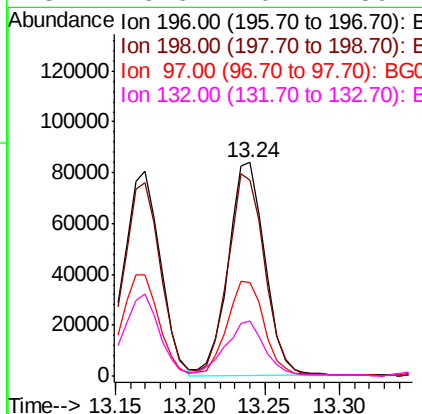
Instrument :
 BNA_G
 ClientSampled :
 MW-15MSD

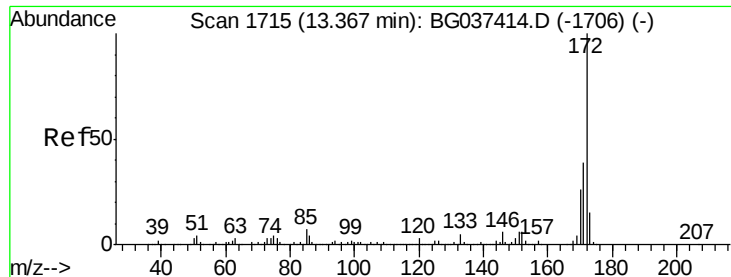
Tot Ion:196 Resp: 133963
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.4 114.6
 200 32.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 17.896 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion:196 Resp: 143353
 Ion Ratio Lower Upper
 196 100
 198 91.5 74.2 111.2
 97 44.0 34.1 51.1
 132 25.6 20.2 30.4

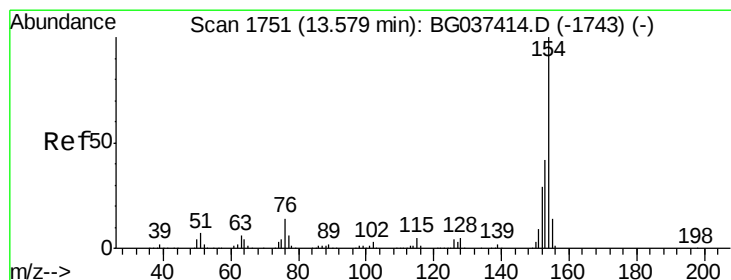
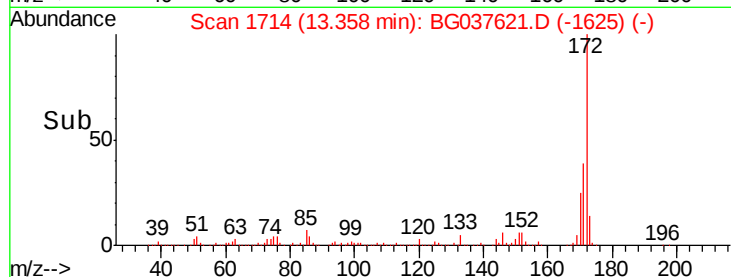
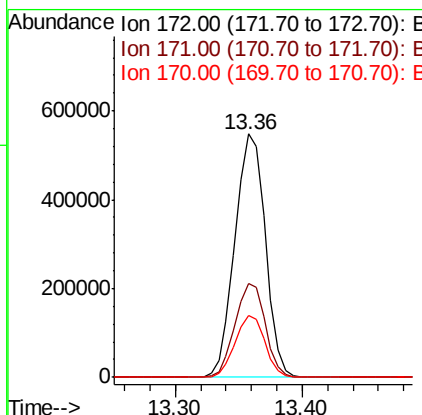
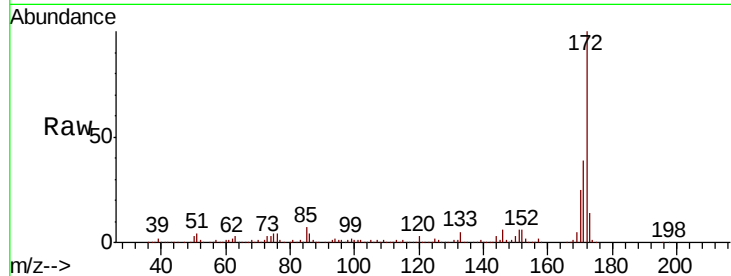




#45
2-Fluorobiphenyl
Concen: 40.244 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

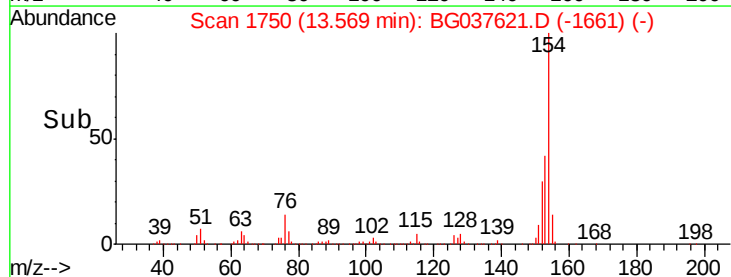
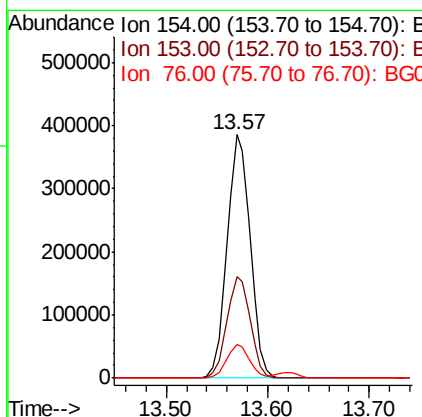
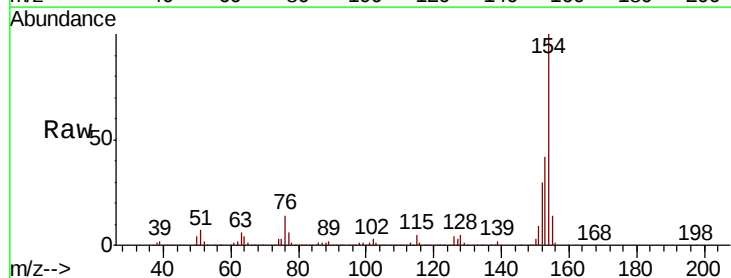
Instrument :
BNA_G
ClientSampleId :
MW-15MSD

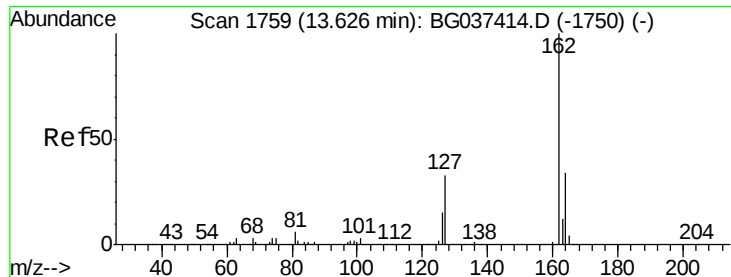
Tot Ion:172 Resp: 911179
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 25.5 20.2 30.2



#46
1,1'-Biphenyl
Concen: 21.485 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:154 Resp: 607504
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 13.7 0.0 33.2

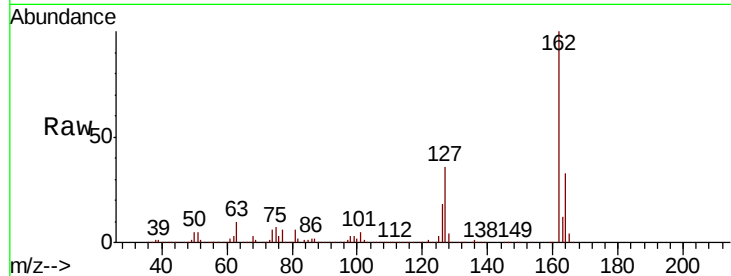




#47
2-Chloronaphthalene
Concen: 22.688 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_G
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.5	45.7
164	32.6	26.4	39.6

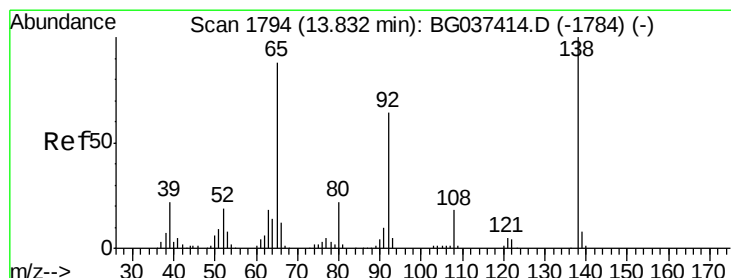
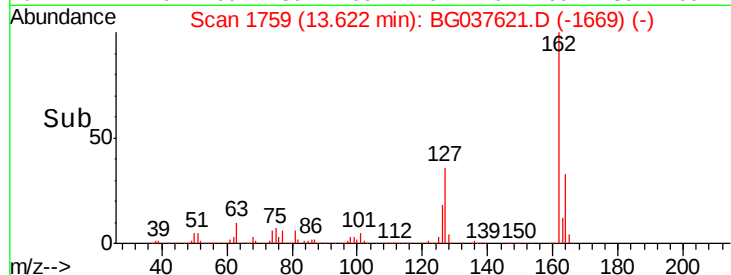
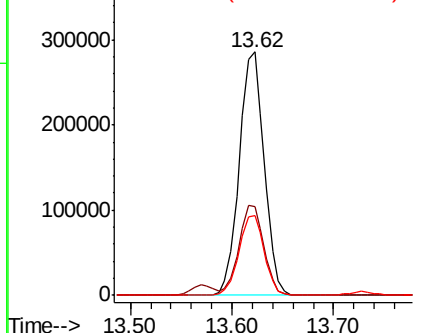


Abundance

Ion 162.00 (161.70 to 162.70): E

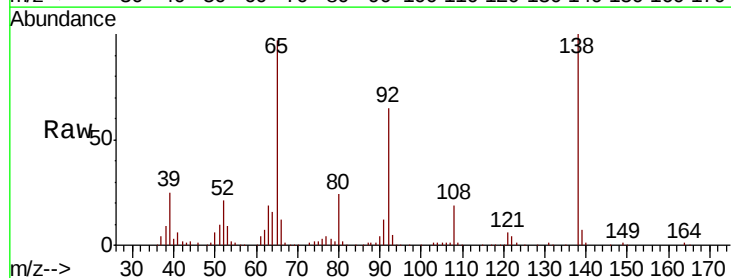
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 25.055 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.2	79.8
138	103.2	79.3	118.9

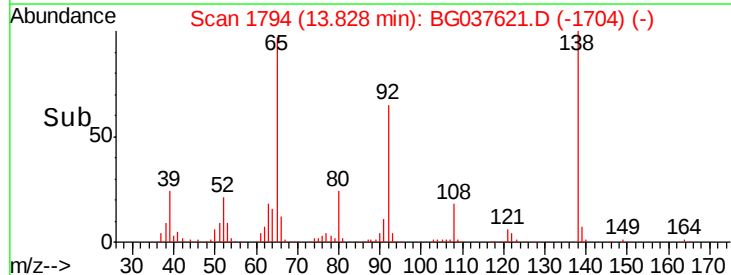
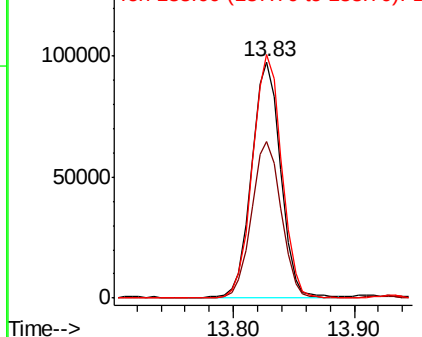


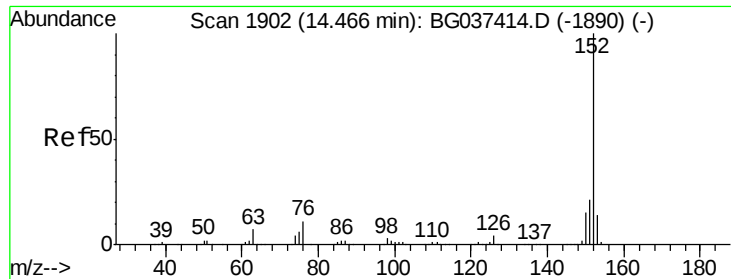
Abundance

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: 24.482 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

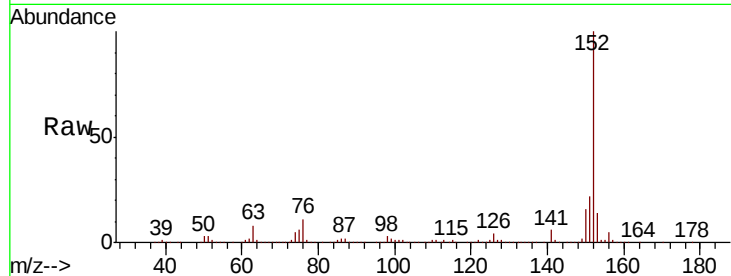
Tot Ion:152 Resp: 787809

Ion Ratio Lower Upper

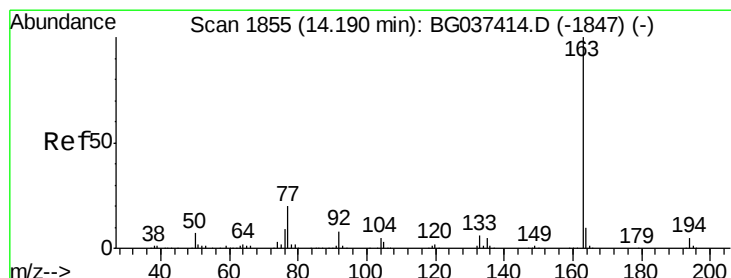
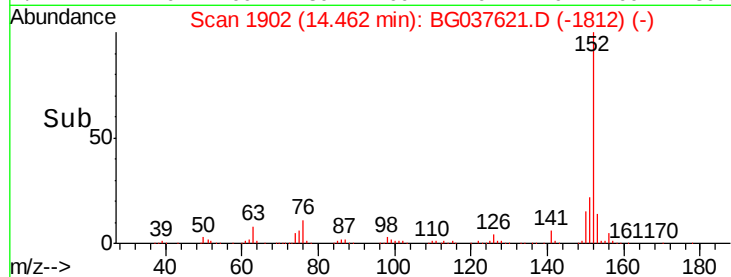
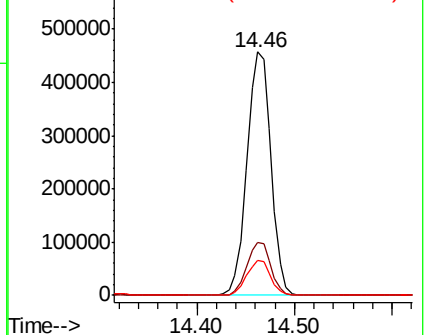
152 100

151 21.6 17.1 25.7

153 14.4 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: 23.514 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

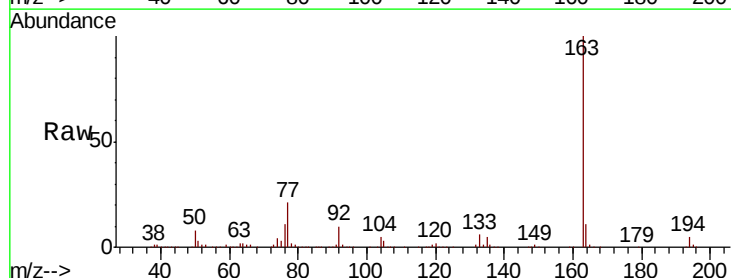
Tgt Ion:163 Resp: 621066

Ion Ratio Lower Upper

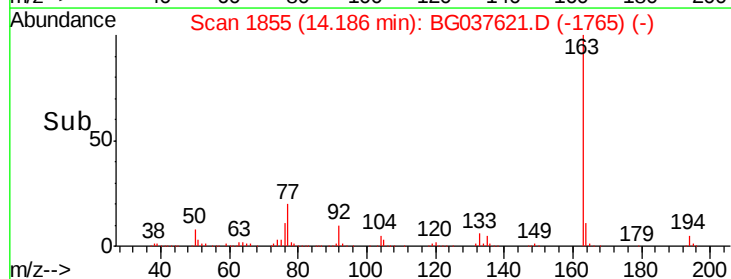
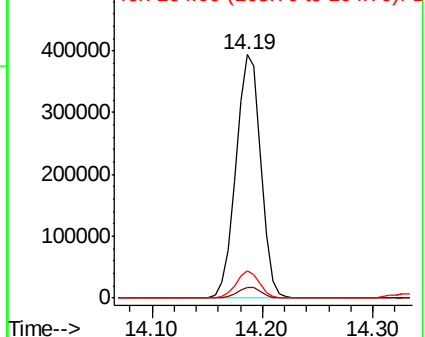
163 100

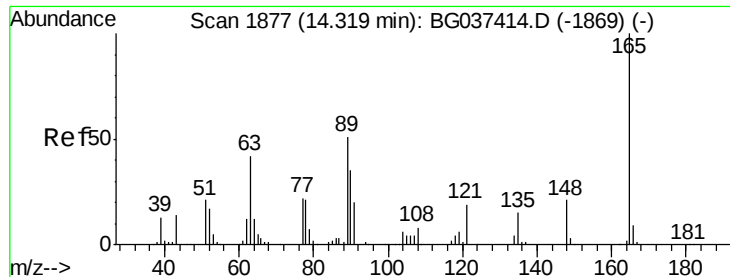
194 4.6 3.5 5.3

164 11.2 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

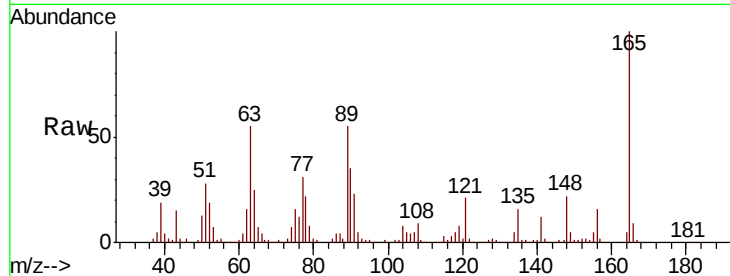




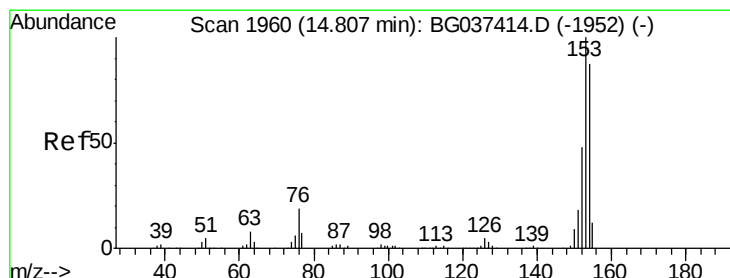
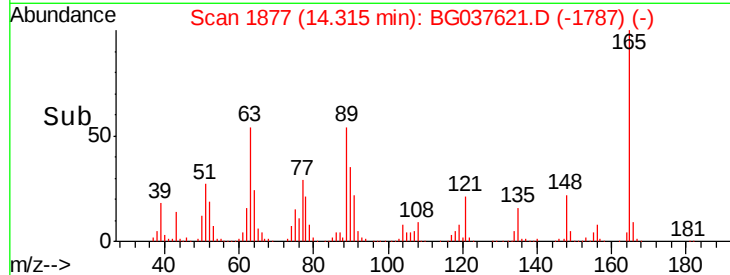
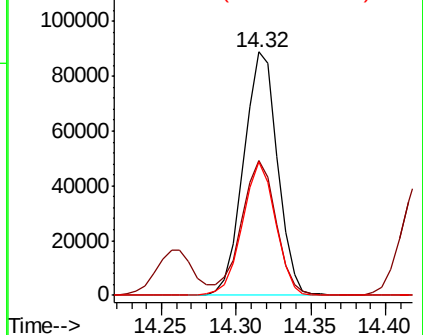
#51
 2,6-Dinitrotoluene
 Concen: 23.820 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

Tot Ion:165 Resp: 139179
 Ion Ratio Lower Upper
 165 100
 63 55.4 43.4 65.2
 89 54.8 45.8 68.6

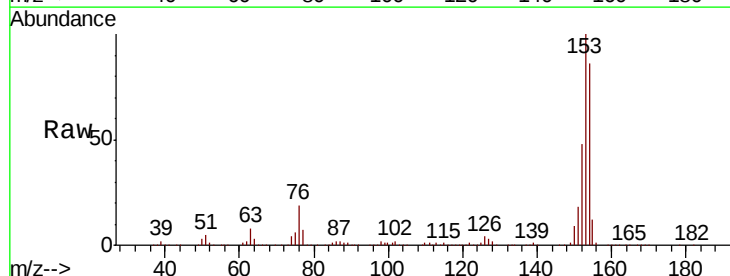


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

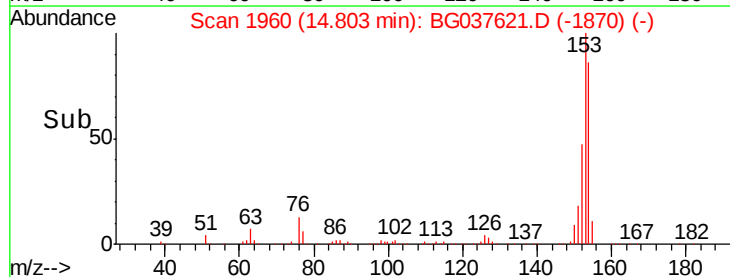
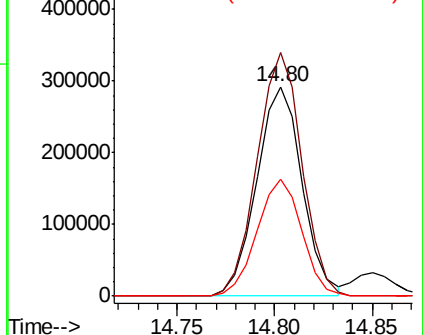


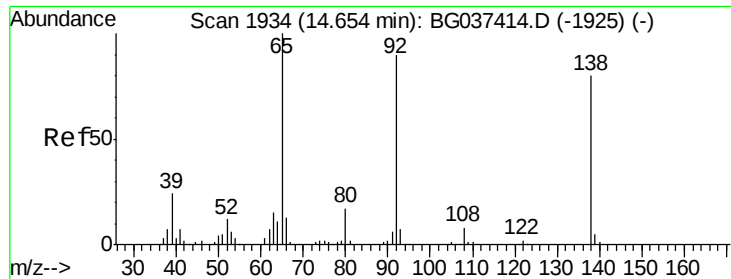
#52
 Acenaphthene
 Concen: 23.677 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion:154 Resp: 469235
 Ion Ratio Lower Upper
 154 100
 153 116.4 93.4 140.0
 152 55.9 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

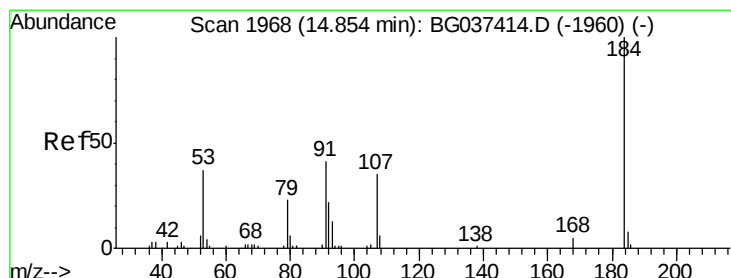
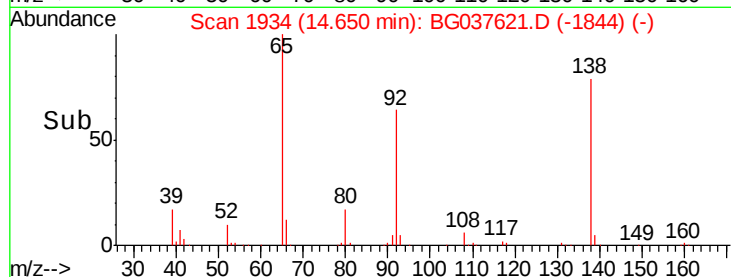
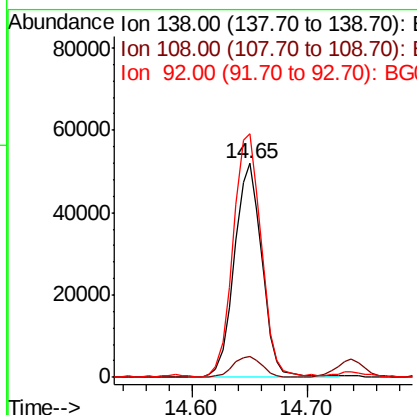
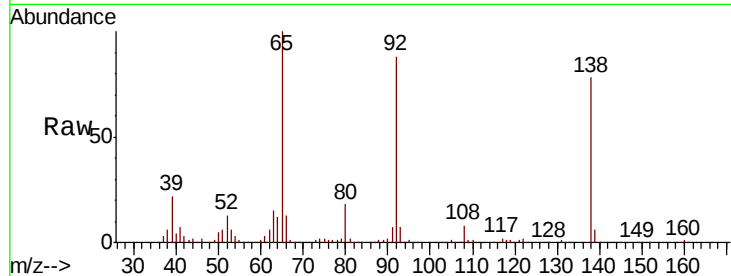




#53
 3-Nitroaniline
 Concen: 13.287 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

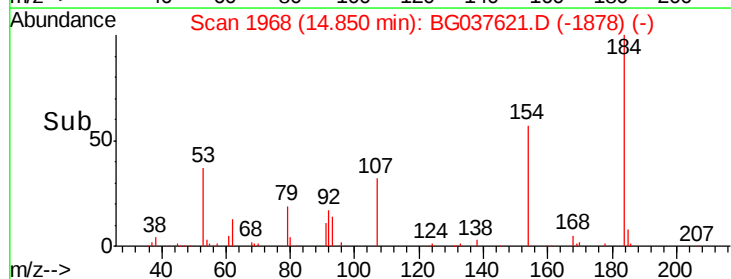
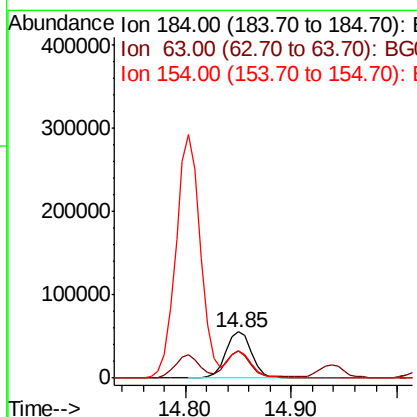
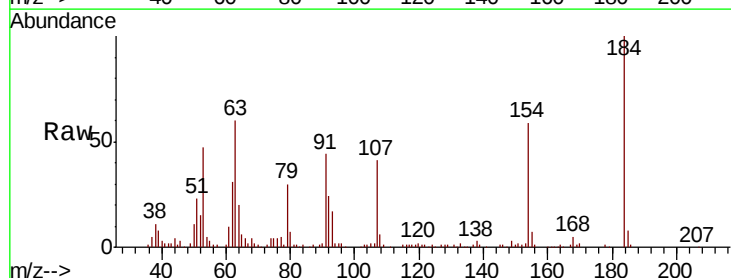
Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

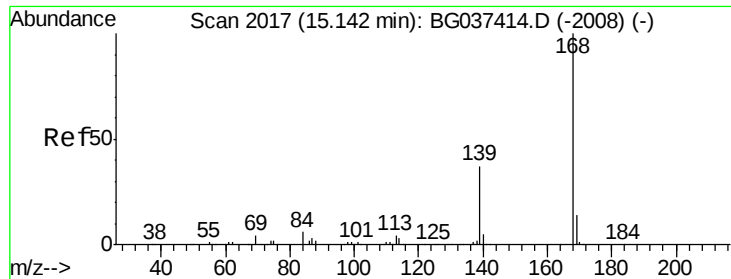
Tot Ion:138 Resp: 86187
 Ion Ratio Lower Upper
 138 100
 108 9.7 11.0 16.6#
 92 113.9 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 50.003 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion:184 Resp: 96547
 Ion Ratio Lower Upper
 184 100
 63 60.0 42.6 63.8
 154 58.8 41.8 62.6

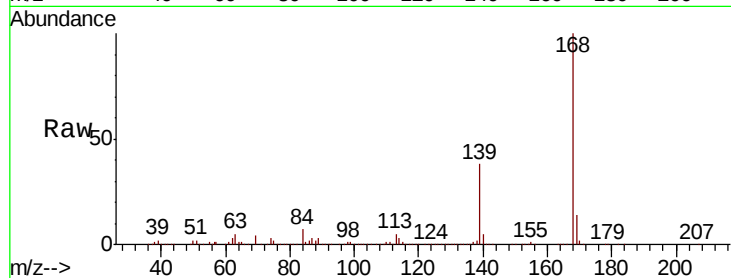




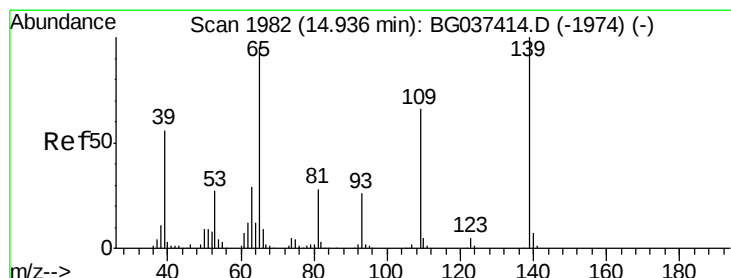
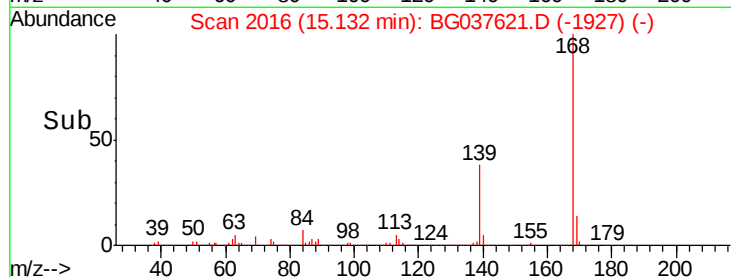
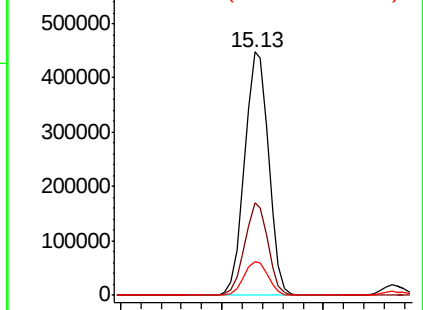
#55
Dibenzofuran
Concen: 22.295 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_G
ClientSampleId :
MW-15MSD

Tot Ion:168 Resp: 732052
Ion Ratio Lower Upper
168 100
139 38.2 29.4 44.0
169 14.1 11.0 16.6

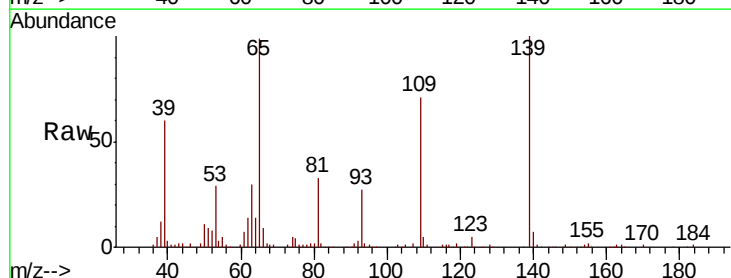


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

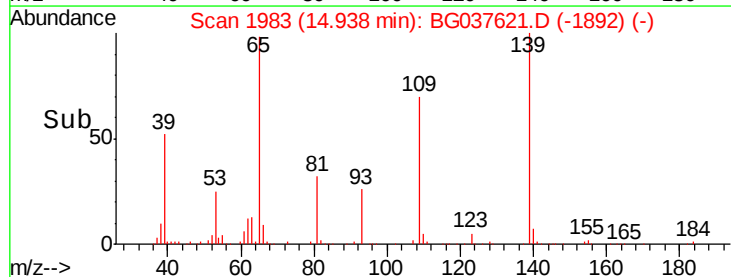
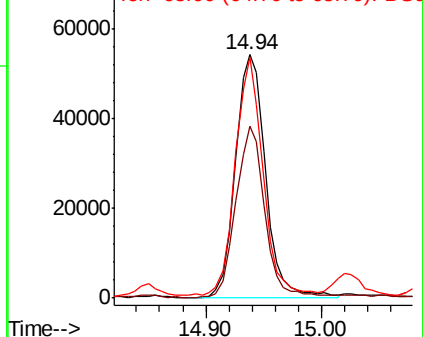


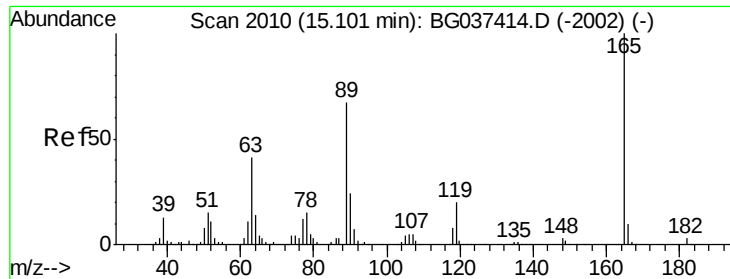
#56
4-Nitrophenol
Concen: 20.516 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:139 Resp: 98504
Ion Ratio Lower Upper
139 100
109 70.8 49.5 89.5
65 99.2 76.8 116.8



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

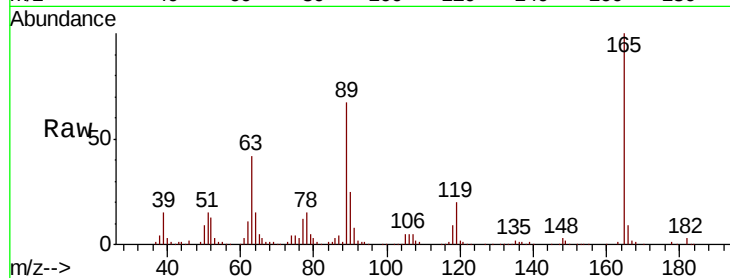




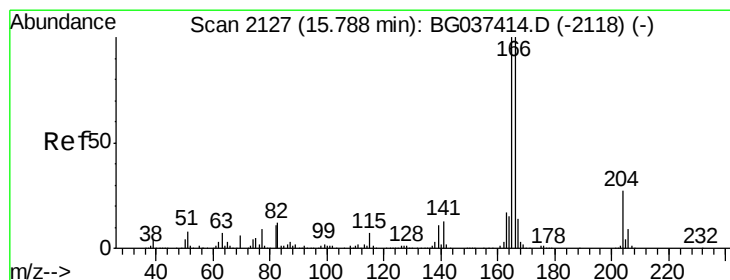
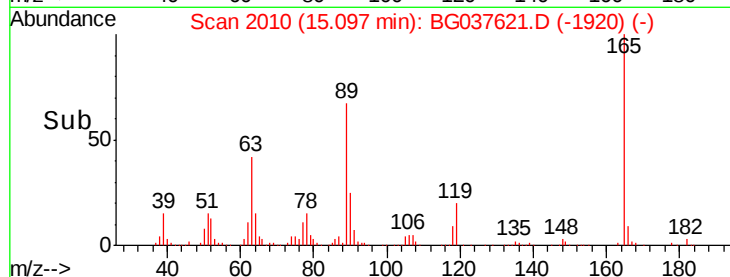
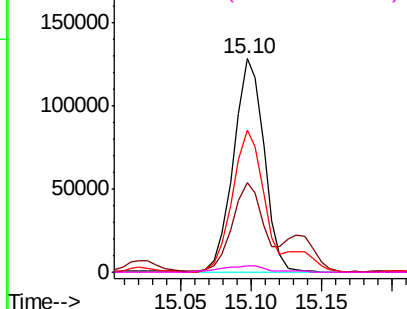
#57
2,4-Dinitrotoluene
Concen: 25.251 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_G
ClientSampleId :
MW-15MSD

Tot Ion:165	Resp:	193674
Ion	Ratio	Lower Upper
165	100	
63	41.7	33.4 50.0
89	66.5	57.2 85.8
182	3.1	2.6 4.0

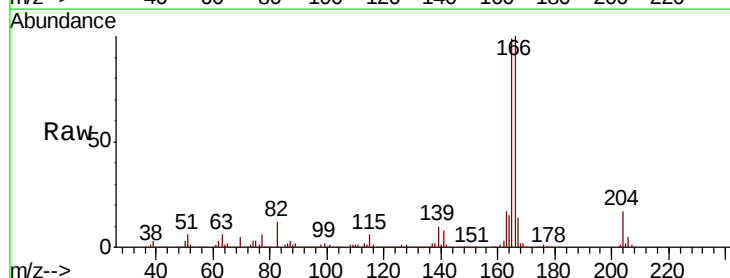


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

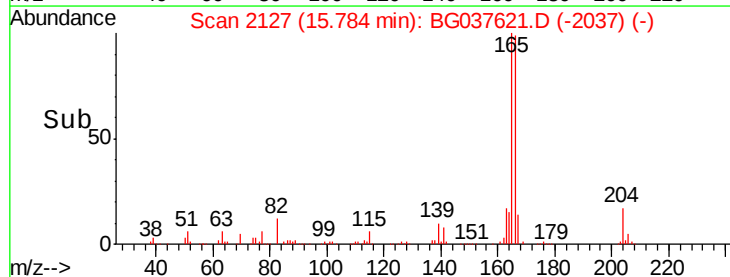
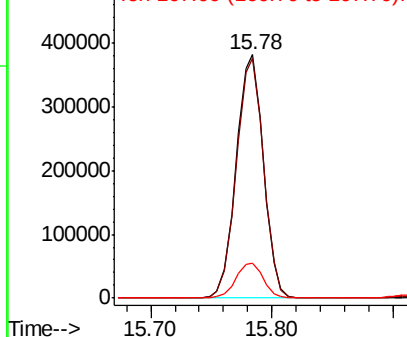


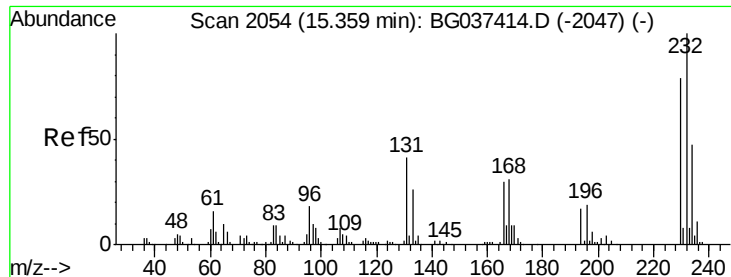
#58
Fluorene
Concen: 24.371 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:166	Resp:	599241
Ion	Ratio	Lower Upper
166	100	
165	98.7	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

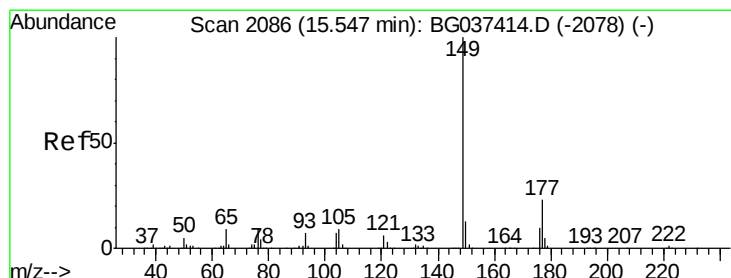
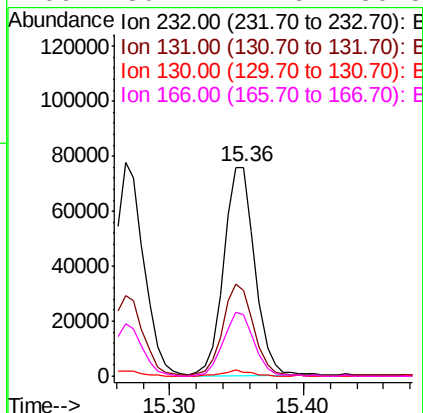
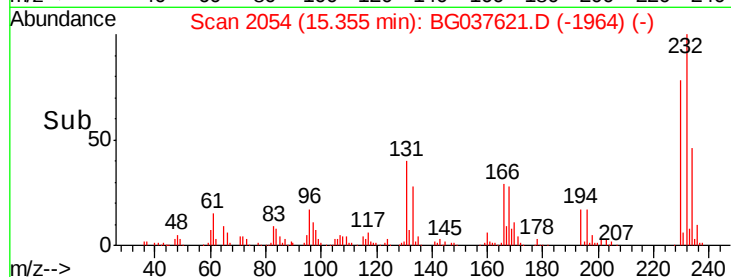
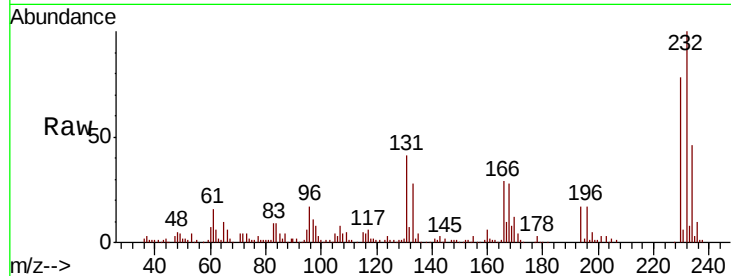




#59
2,3,4,6-Tetrachlorophenol
Concen: 18.117 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

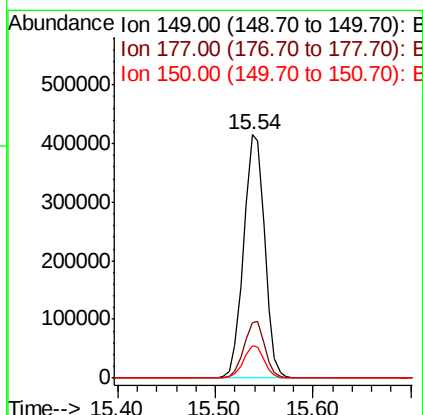
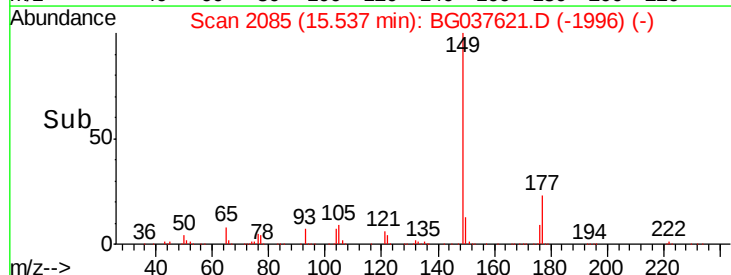
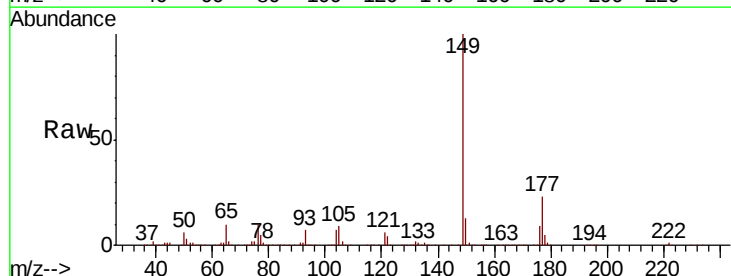
Instrument :
BNA_G
ClientSampleId :
MW-15MSD

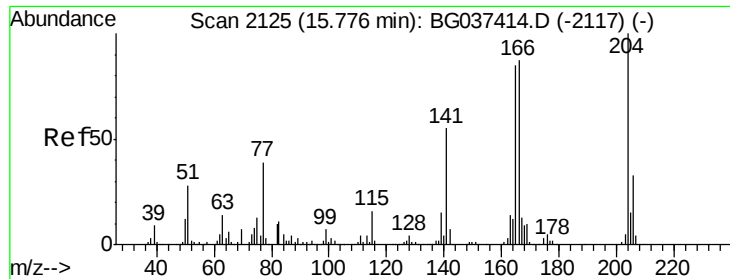
Tot Ion:	232	Resp:	124257
Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.7	50.5
130	2.8	2.1	3.1
166	30.7	24.6	36.8



#60
Diethylphthalate
Concen: 22.966 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:	149	Resp:	622776
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	13.1	10.0	15.0

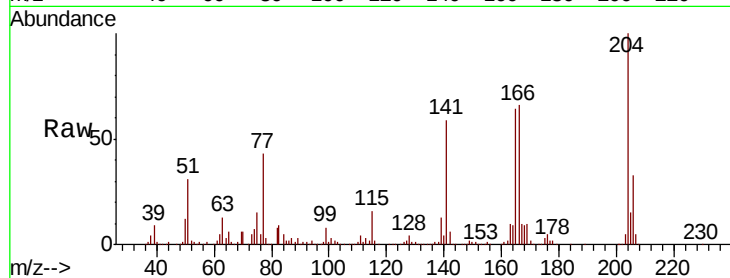




#61
 4-Chlorophenyl-phenylether
 Concen: 21.799 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	58.7	45.4	68.2

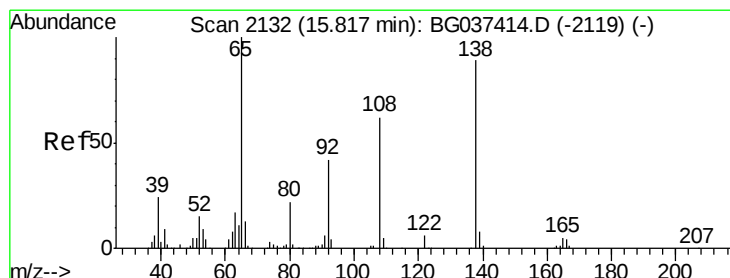
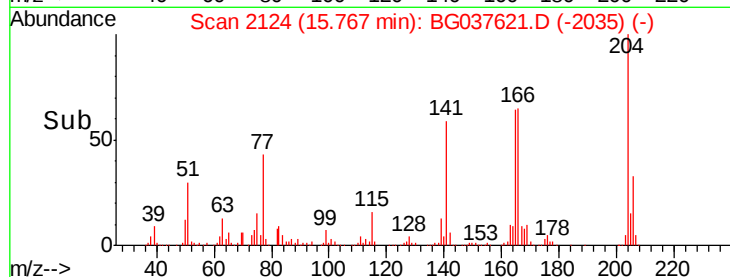
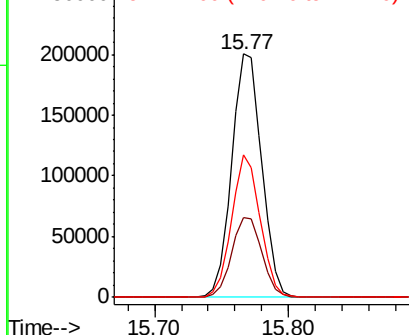


Abundance

Ion 204.00 (203.70 to 204.70): E

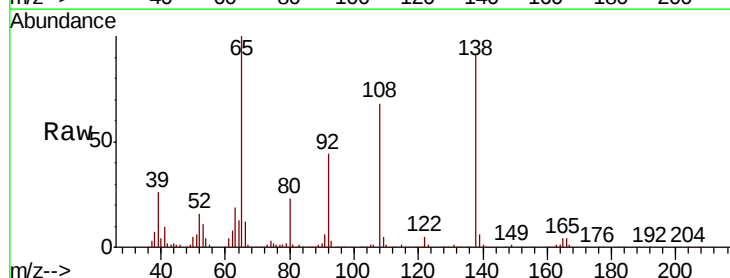
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 21.206 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	36.4	76.4
108	75.1	60.1	100.1

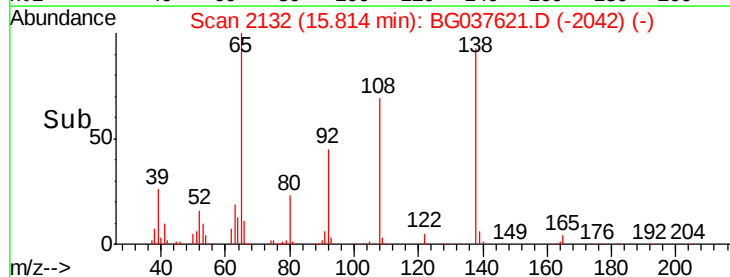
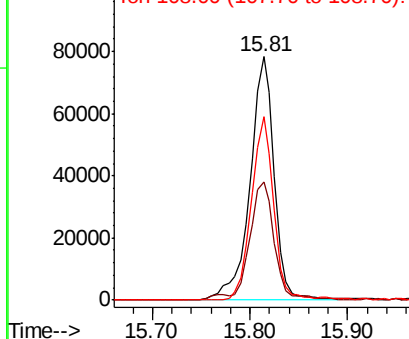


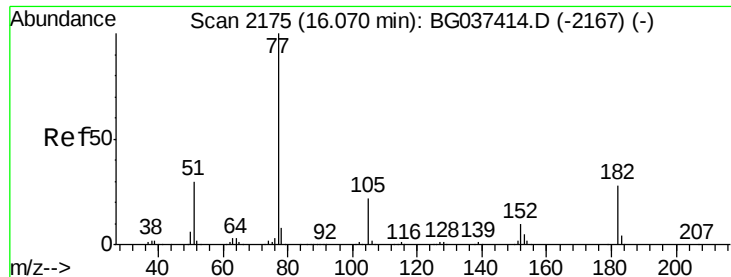
Abundance

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

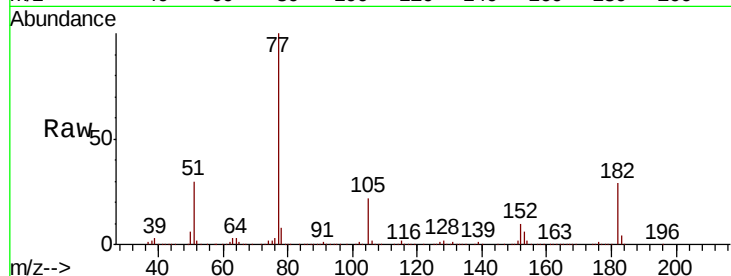




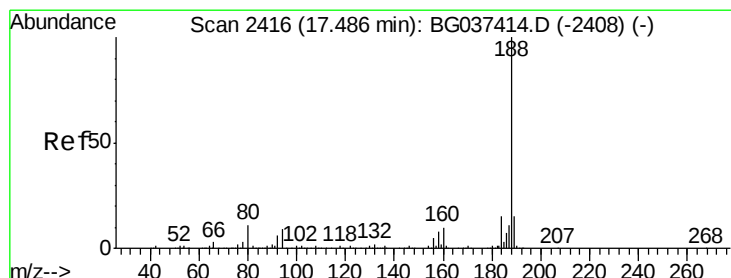
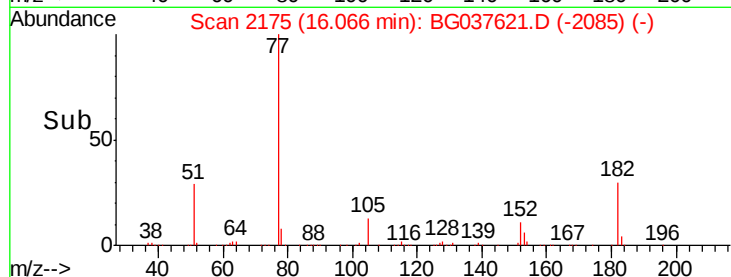
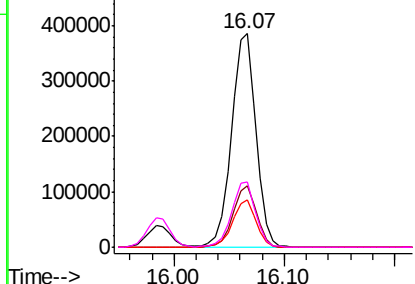
#63
Azobenzene
Concen: 23.029 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_G
ClientSampleId :
MW-15MSD

Tot Ion:	77	Resp:	595817
Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.0	48.0
105	21.9	1.3	41.3
51	30.4	10.7	50.7

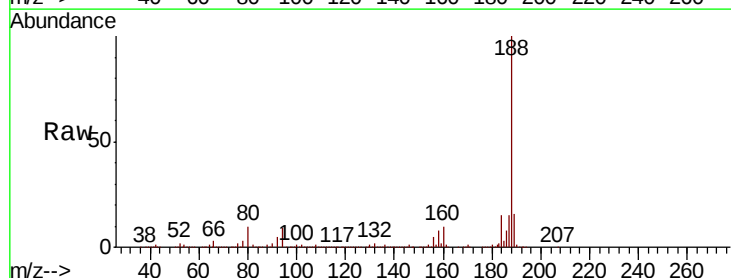


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

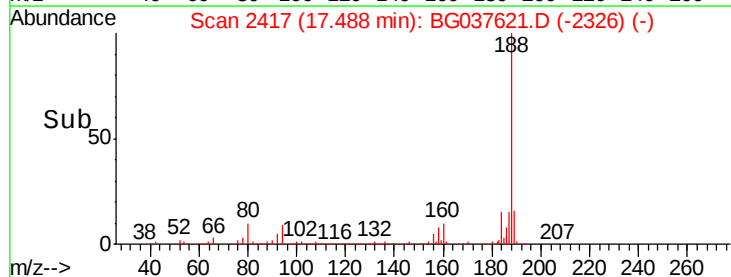
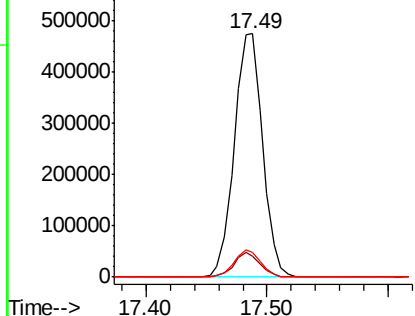


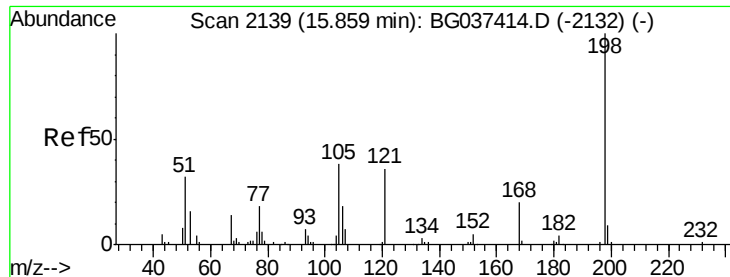
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:	188	Resp:	776815
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.1	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: 23.101 ng

RT: 15.85 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

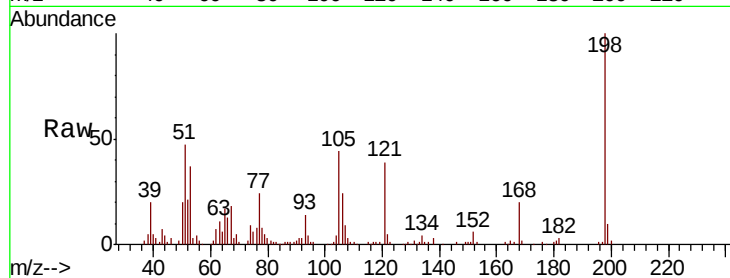
Tot Ion:198 Resp: 72302

Ion	Ratio	Lower	Upper
198	100		
51	47.1	22.7	62.7
105	43.6	19.7	59.7

198 100

51 47.1 22.7 62.7

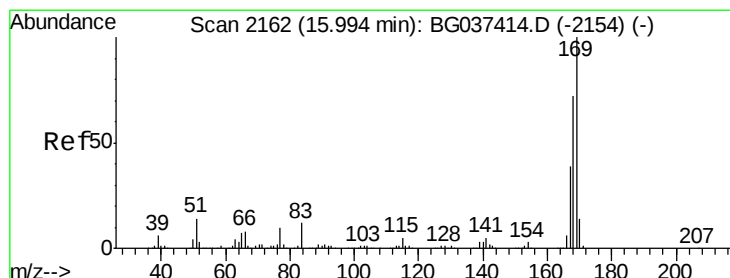
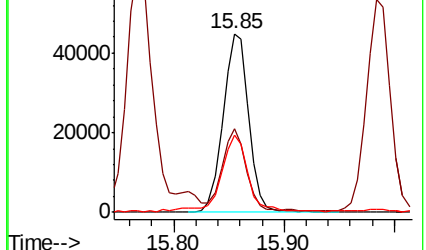
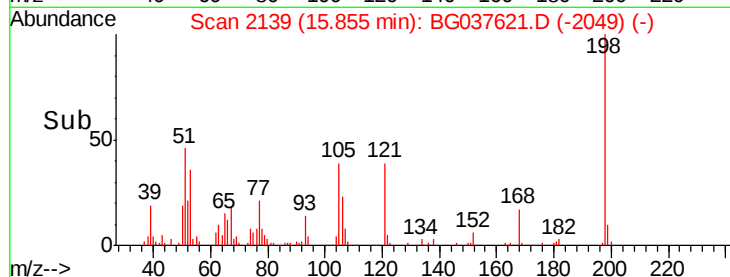
105 43.6 19.7 59.7



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: 22.908 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

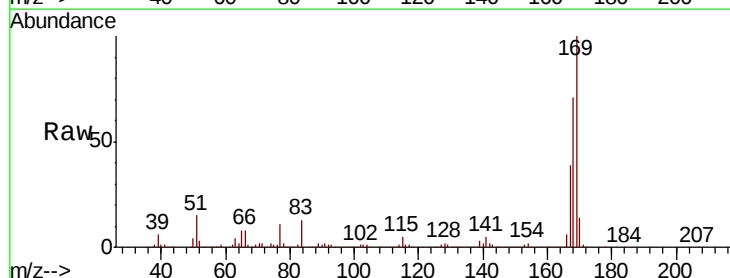
Tgt Ion:169 Resp: 535283

Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.7	83.5
167	38.5	31.3	46.9

169 100

168 71.0 55.7 83.5

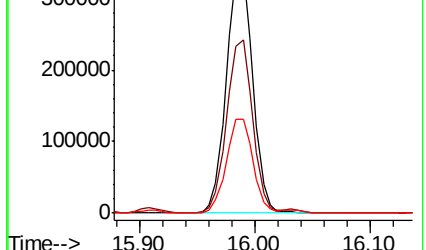
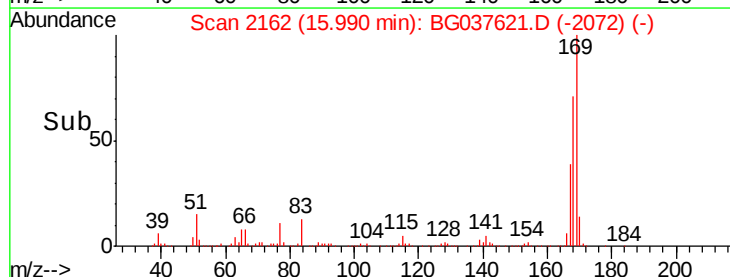
167 38.5 31.3 46.9

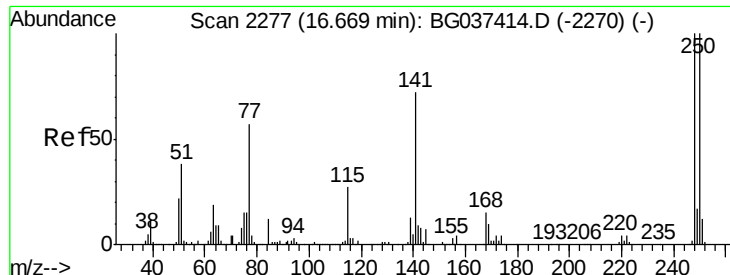


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

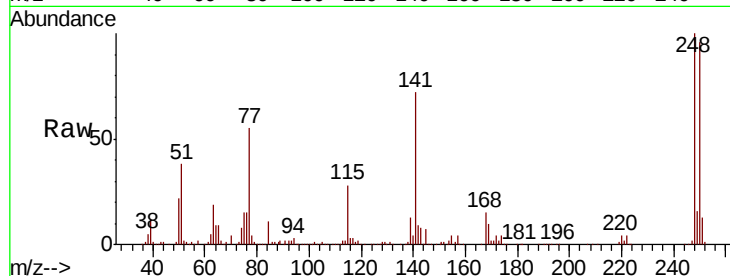




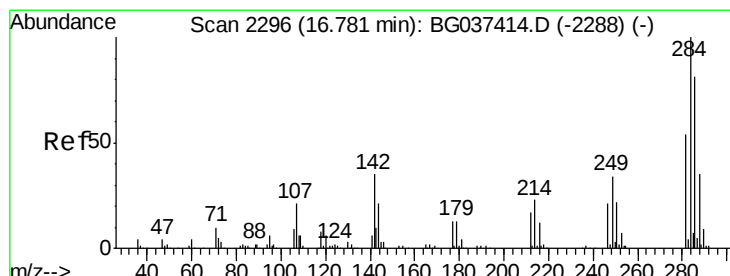
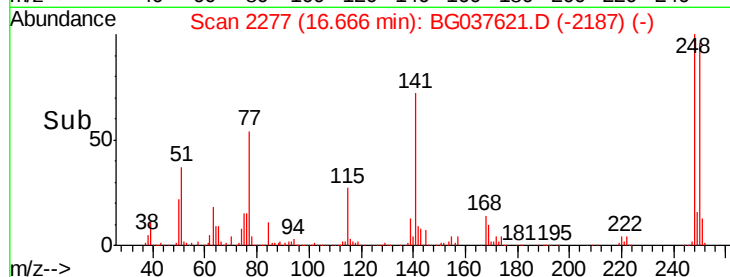
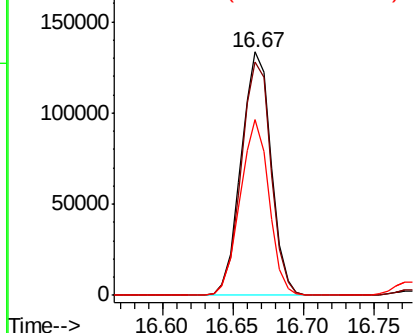
#67
 4-Bromophenyl-phenylether
 Concen: 23.239 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

Tot Ion:248 Resp: 198246
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.0 115.6
 141 72.3 55.5 83.3

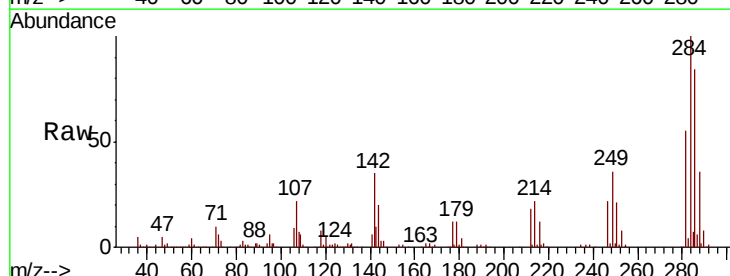


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

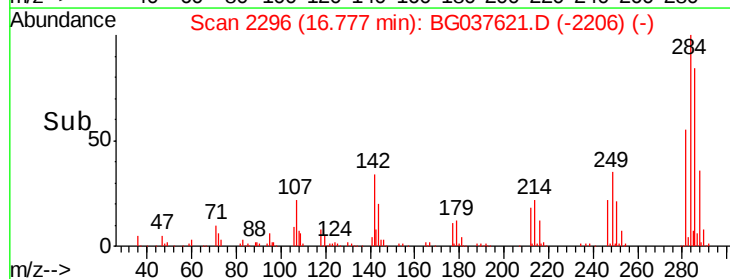
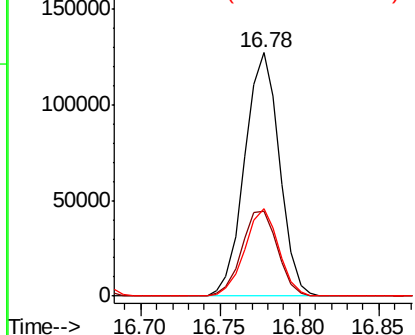


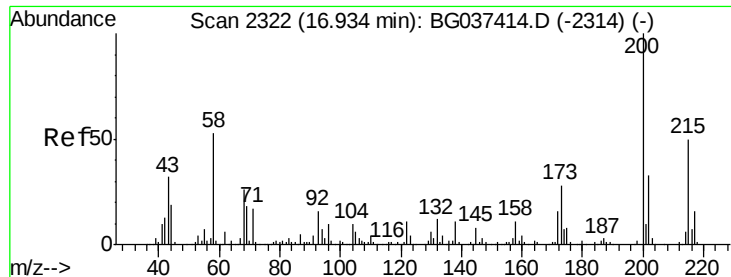
#68
 Hexachlorobenzene
 Concen: 21.935 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion:284 Resp: 193935
 Ion Ratio Lower Upper
 284 100
 142 34.9 28.1 42.1
 249 38.1 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

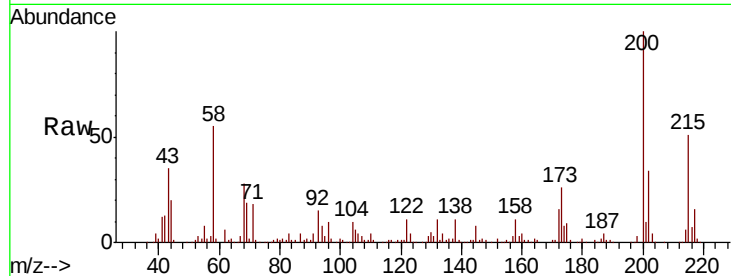




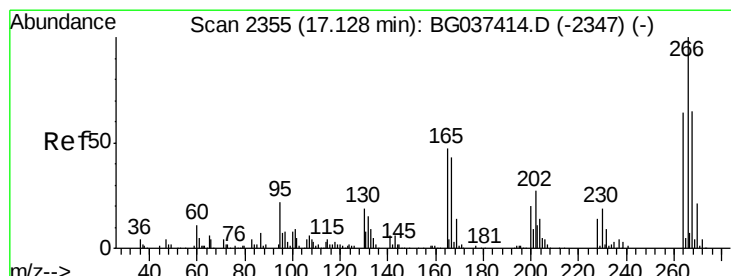
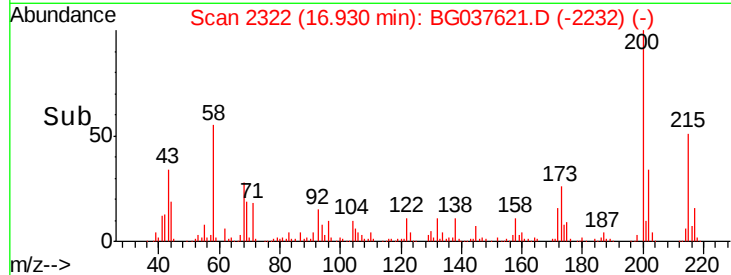
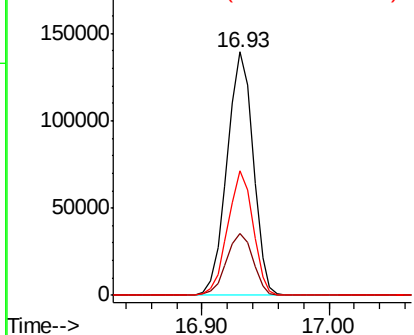
#69
 Atrazine
 Concen: 23.438 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

Tot Ion:200 Resp: 198010
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.1 46.1
 215 51.1 30.8 70.8

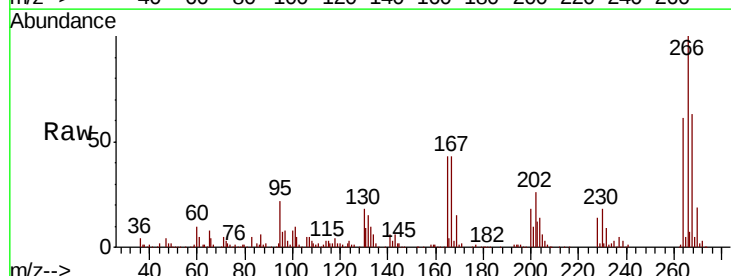


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

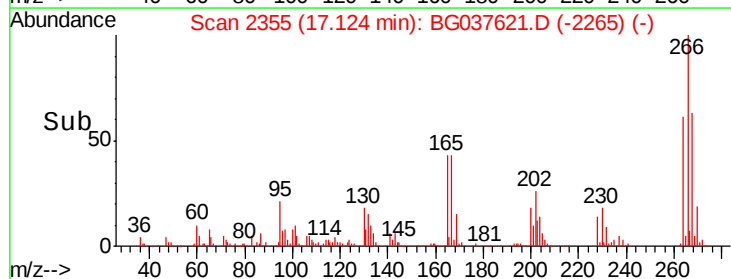
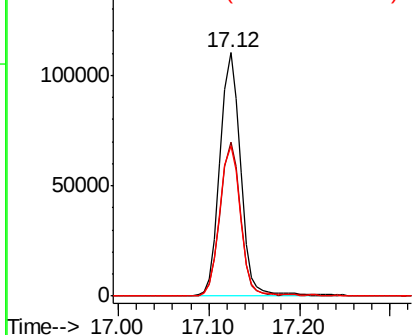


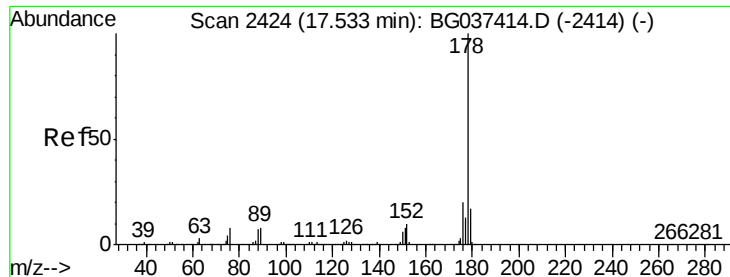
#70
 Pentachlorophenol
 Concen: 29.594 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion:266 Resp: 175259
 Ion Ratio Lower Upper
 266 100
 268 68.1 55.0 82.6
 264 66.4 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

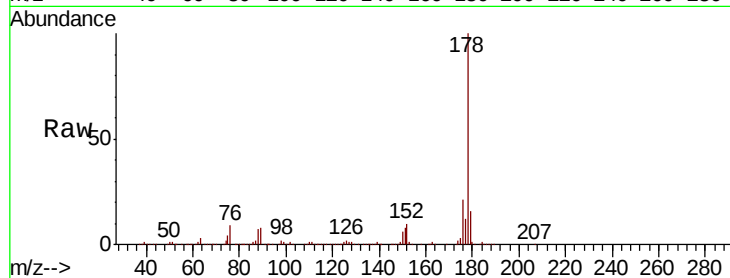




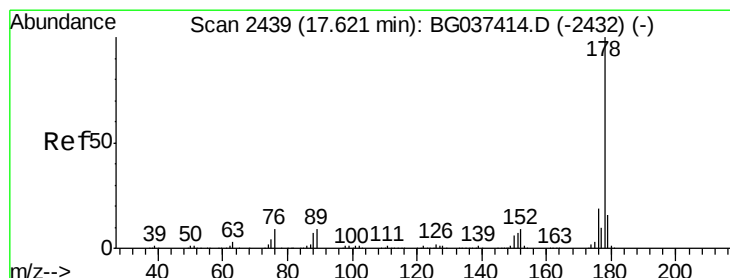
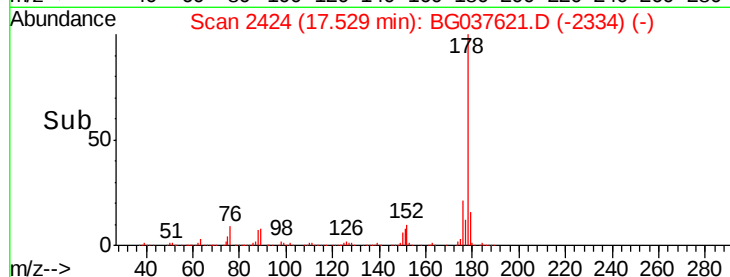
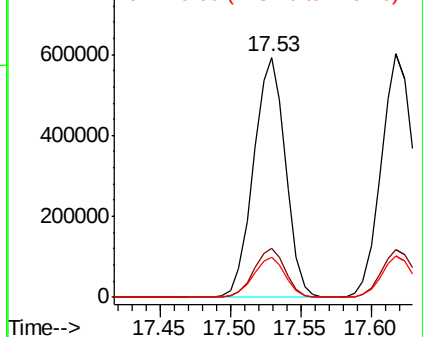
#71
Phenanthrene
Concen: 23.877 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_G
ClientSampleId :
MW-15MSD

Tot Ion:178 Resp: 942679
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 16.5 13.0 19.4

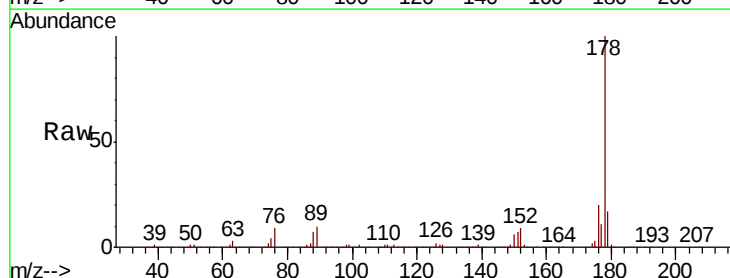


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

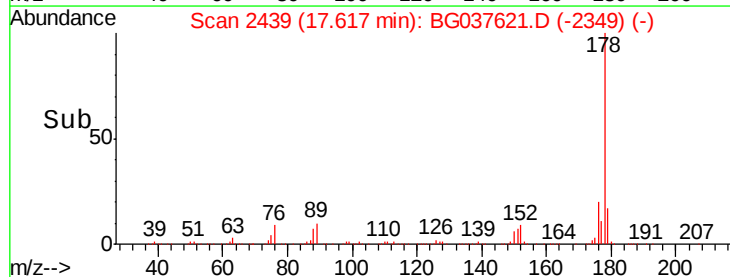
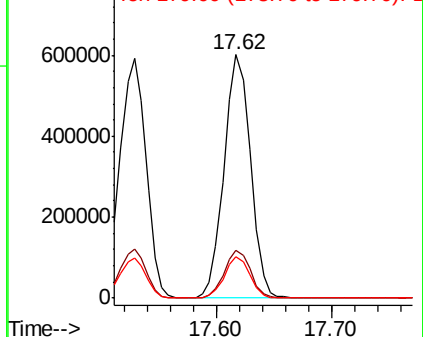


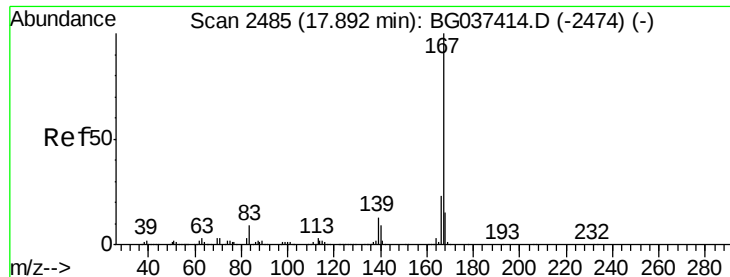
#72
Anthracene
Concen: 24.664 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:178 Resp: 955596
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 16.8 12.8 19.2



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

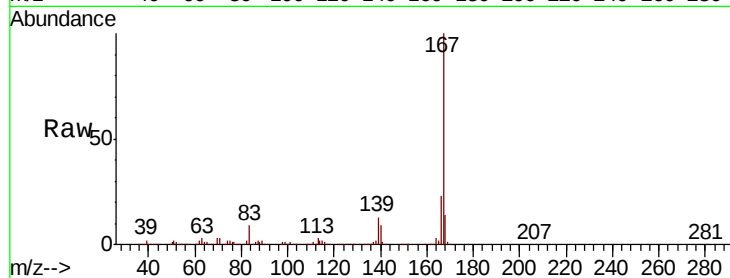




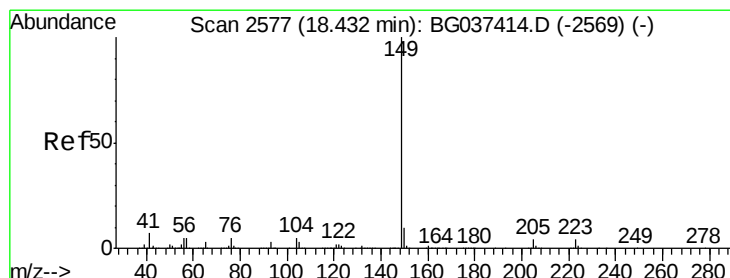
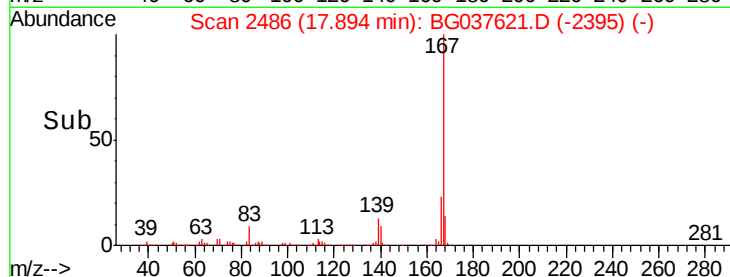
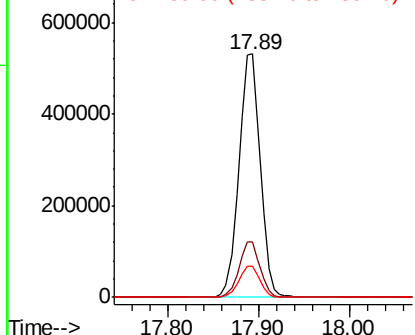
#73
 Carbazole
 Concen: 22.464 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-15MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	12.7	10.5	15.7

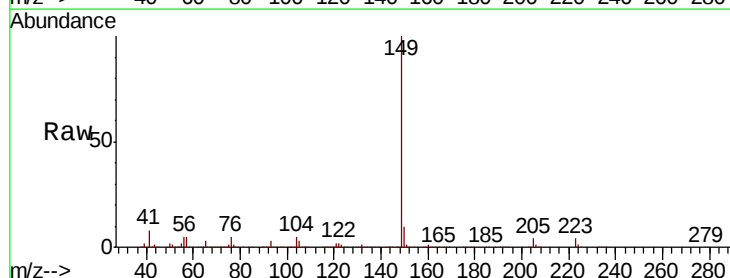


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

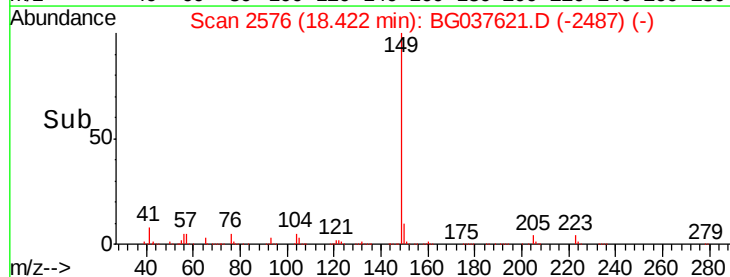
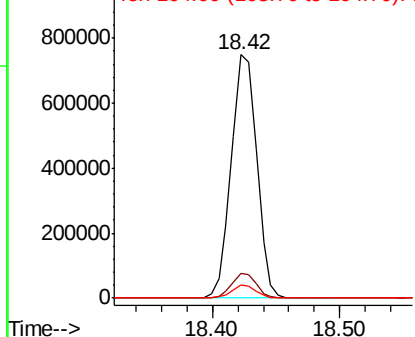


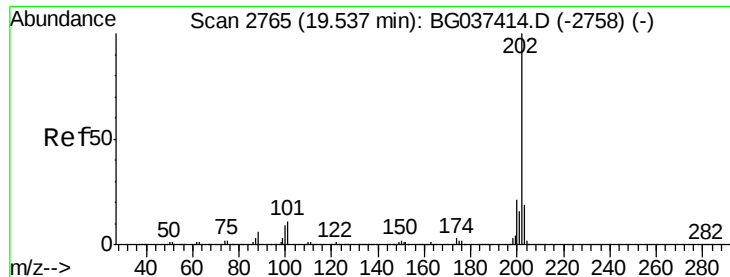
#74
 Di-n-butylphthalate
 Concen: 24.165 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037621.D
 Acq: 29 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.4	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: 24.166 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

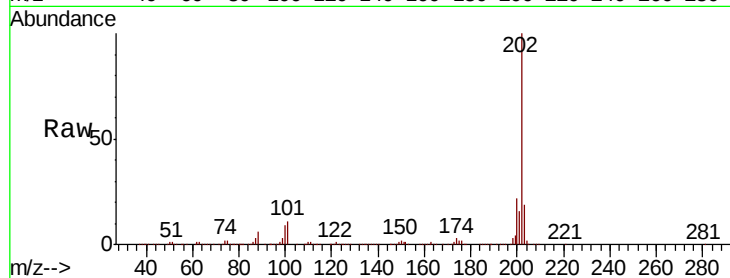
Tot Ion:202 Resp: 1082096

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

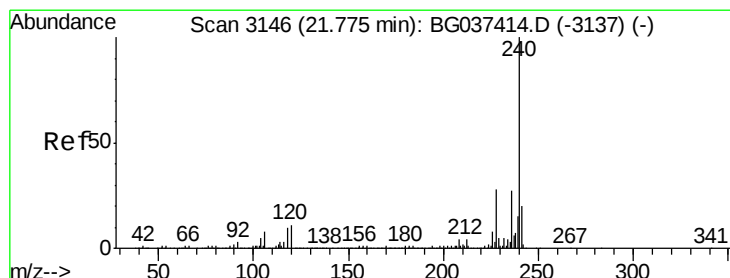
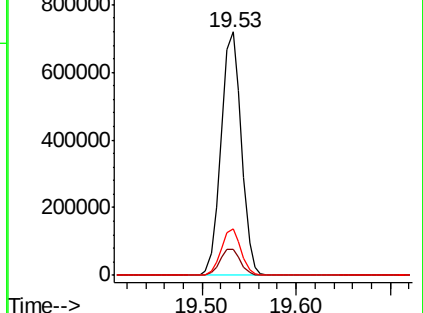
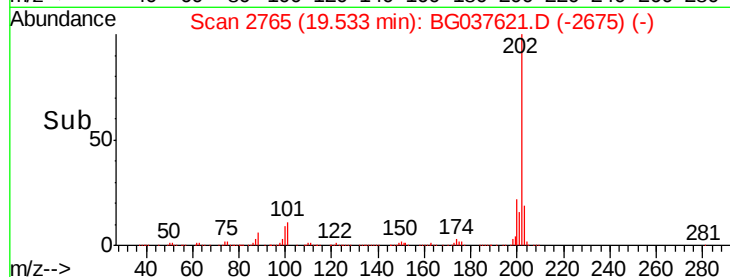
203 19.3 0.0 38.5



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: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

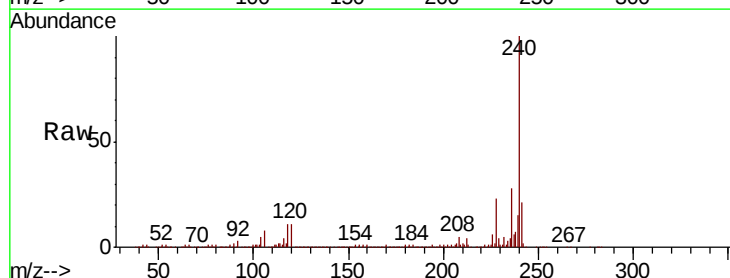
Tgt Ion:240 Resp: 689618

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

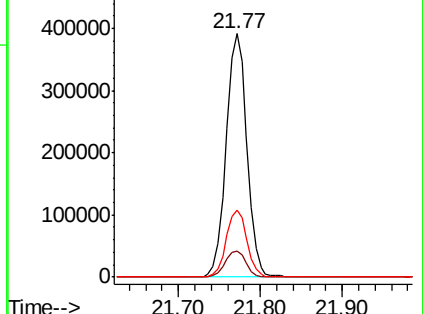
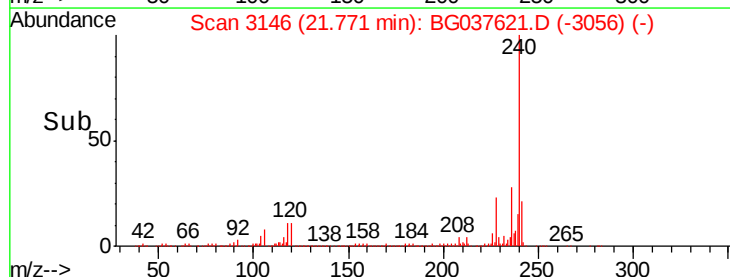
236 27.6 21.4 32.0

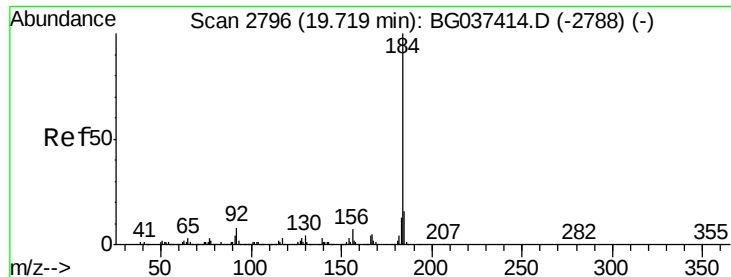


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.830 ng

RT: 19.71 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

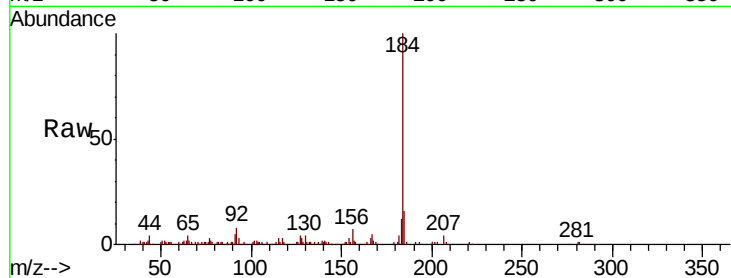
Tot Ion:184 Resp: 66360

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

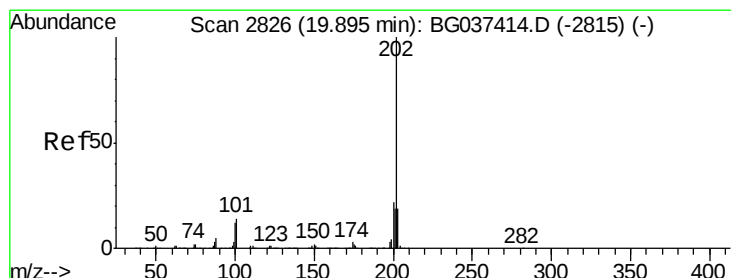
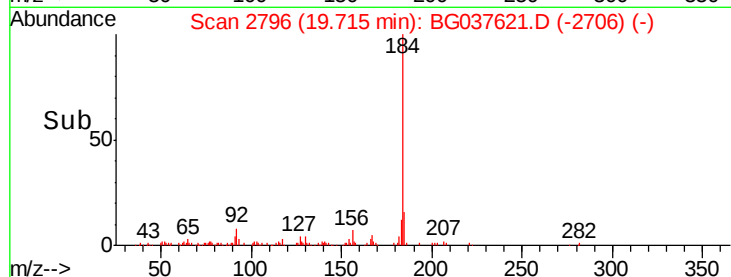
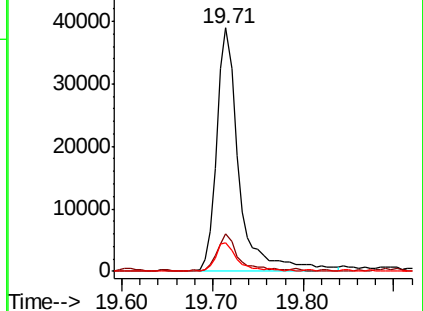
183 11.8 10.2 15.2



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: 23.853 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

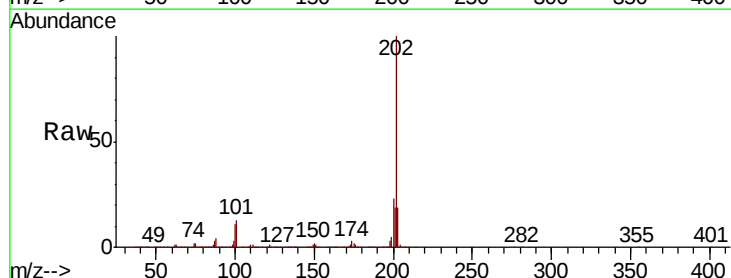
Tgt Ion:202 Resp: 1075347

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.6

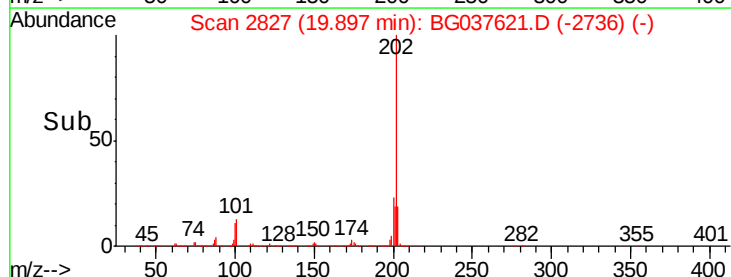
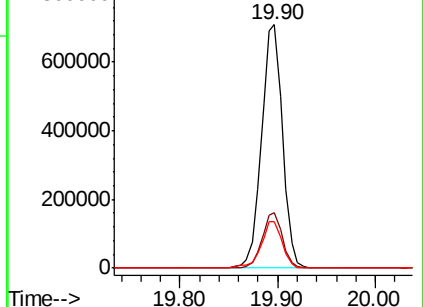
203 19.2 15.2 22.8

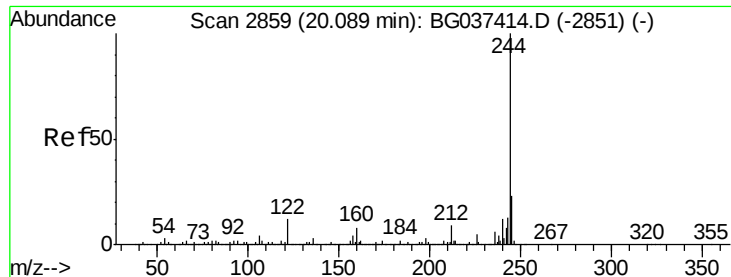


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 38.888 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

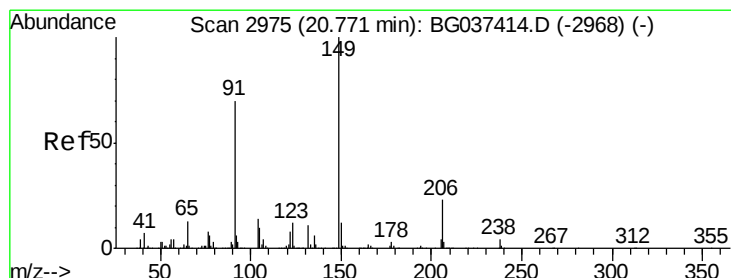
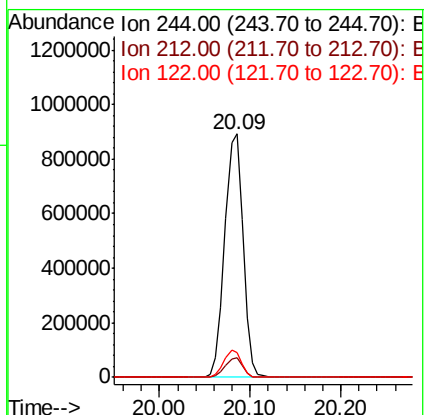
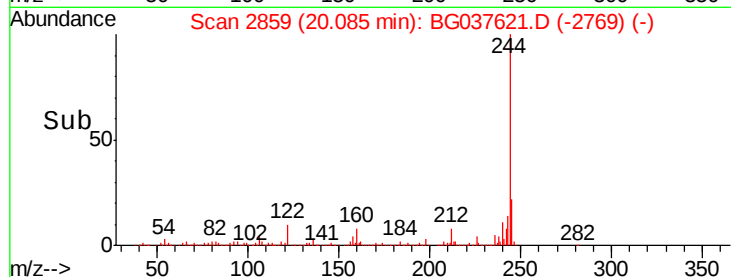
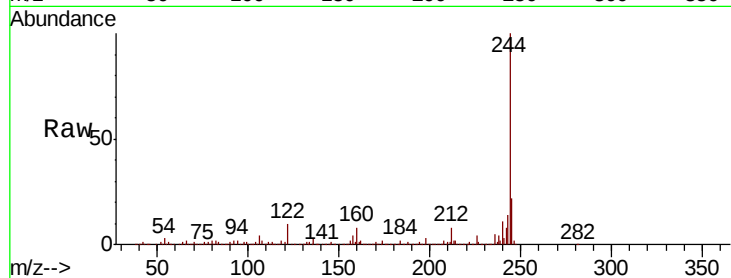
BNA_G

ClientSampleId :

MW-15MSD

Tot Ion:244 Resp: 1255073

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.3	9.0	13.4



#80

Butylbenzylphthalate

Concen: 25.703 ng

RT: 20.77 min Scan# 2975

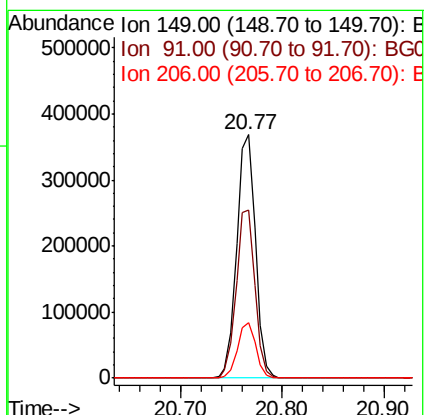
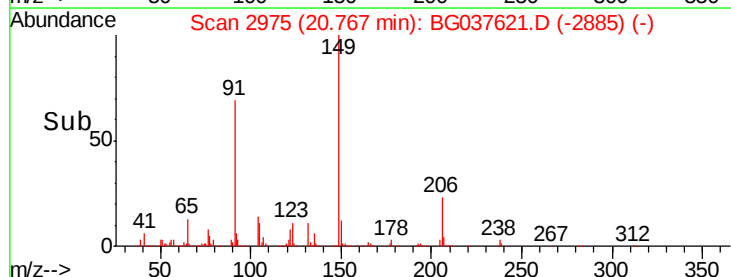
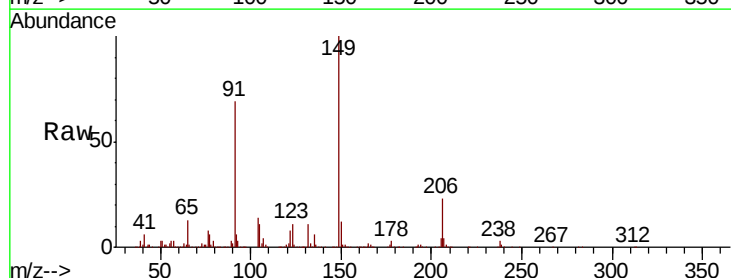
Delta R.T. -0.00 min

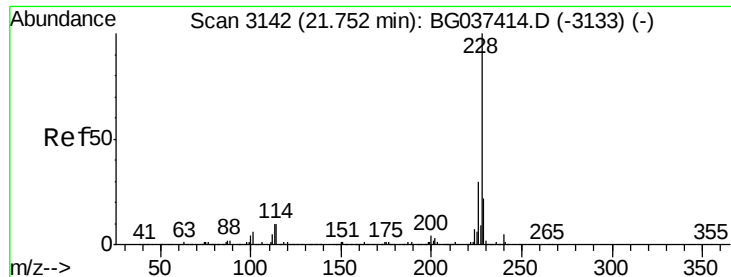
Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Tgt Ion:149 Resp: 474225

Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.0	85.4
206	22.7	17.8	26.6

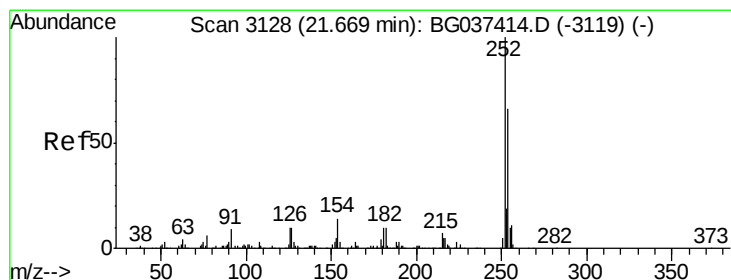
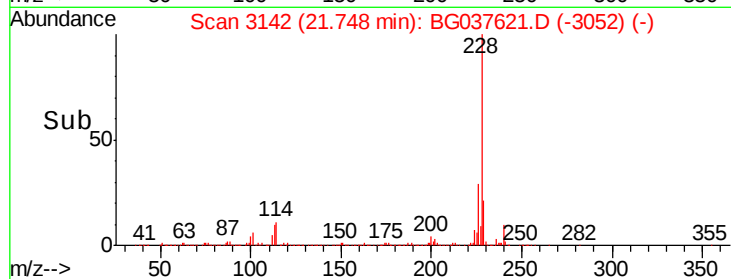
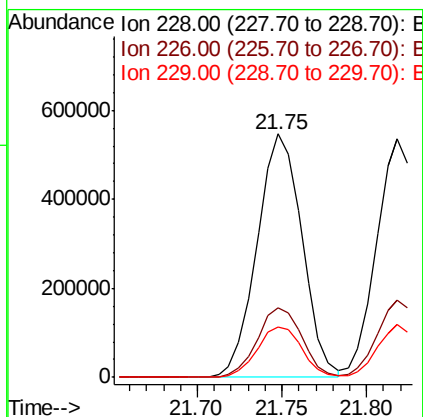
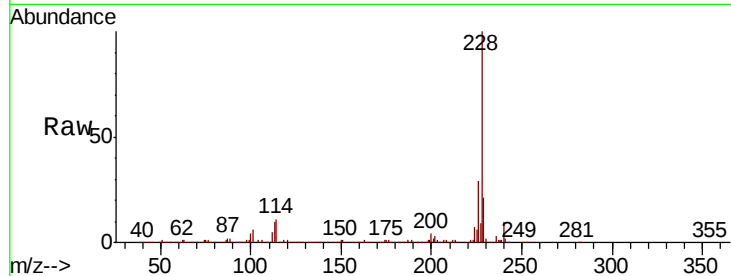




#81
Benzo(a)anthracene
Concen: 24.664 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

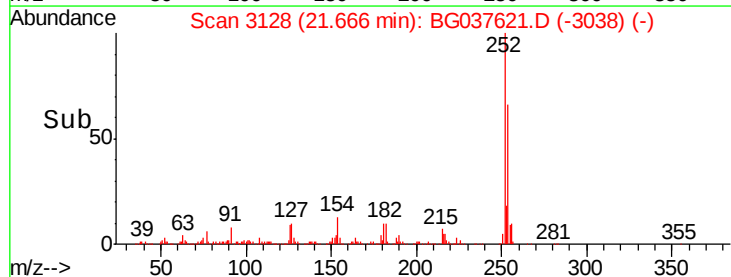
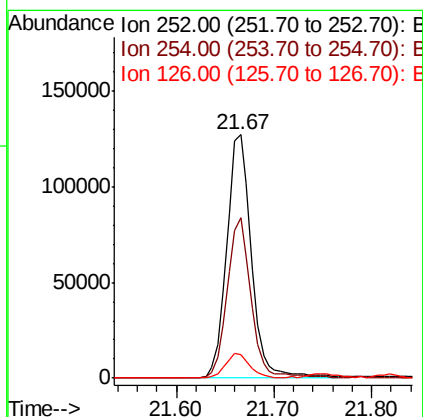
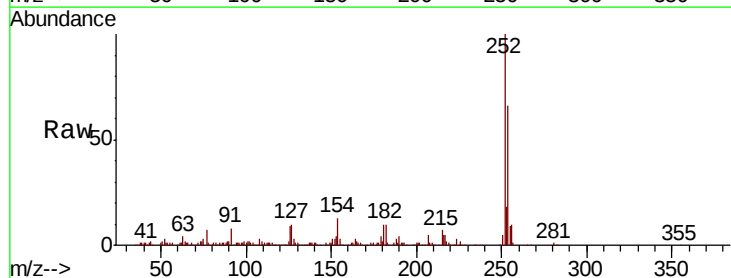
Instrument :
BNA_G
ClientSampleId :
MW-15MSD

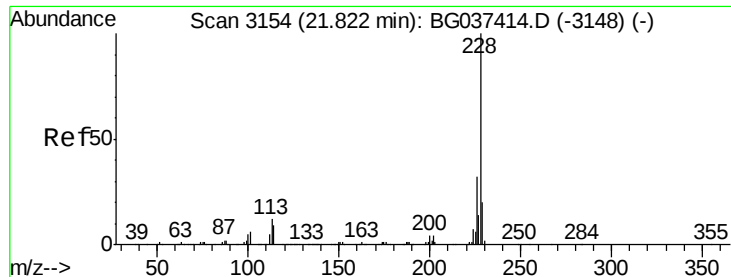
Tot Ion:228 Resp: 1006062
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 14.153 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:252 Resp: 223764
Ion Ratio Lower Upper
252 100
254 65.8 52.0 78.0
126 9.4 8.2 12.4





#83

Chrysene

Concen: 23.594 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

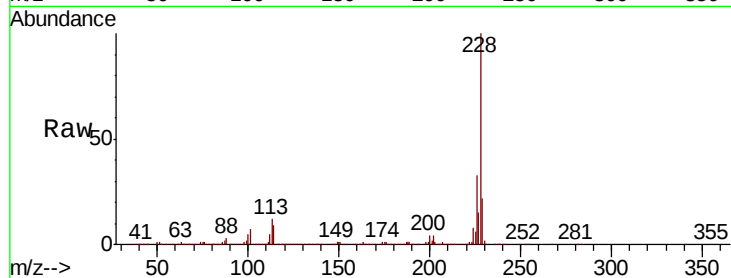
Tot Ion:228 Resp: 925432

Ion Ratio Lower Upper

228 100

226 32.6 25.7 38.5

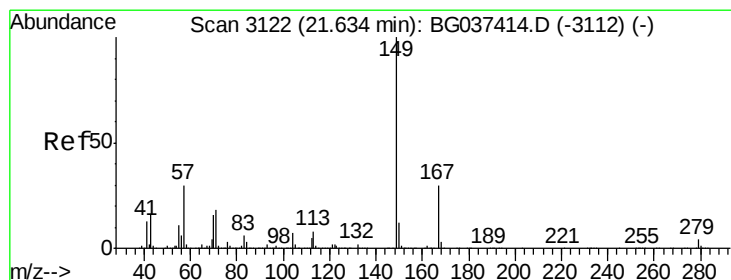
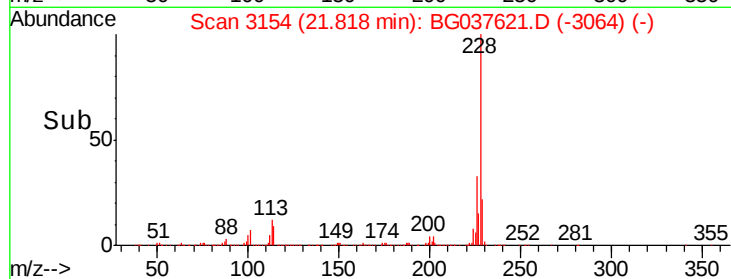
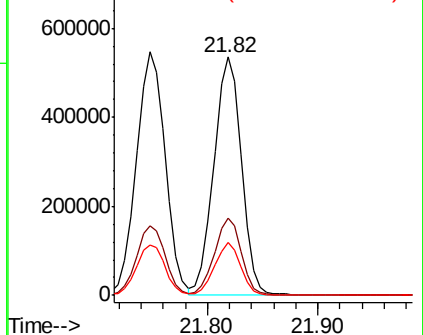
229 22.3 16.5 24.7



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: 25.351 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

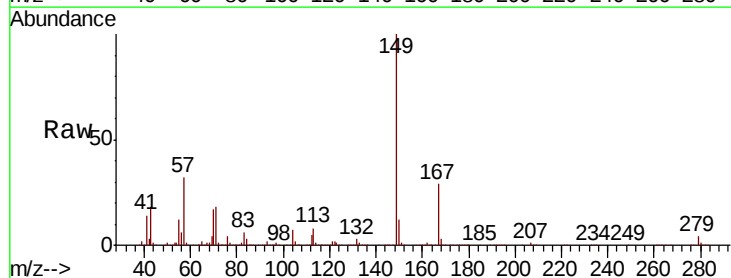
Tgt Ion:149 Resp: 655613

Ion Ratio Lower Upper

149 100

167 29.4 23.0 34.4

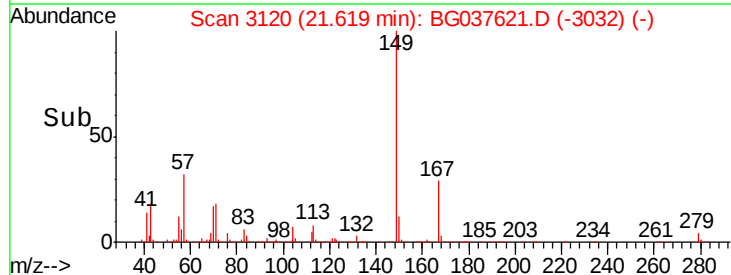
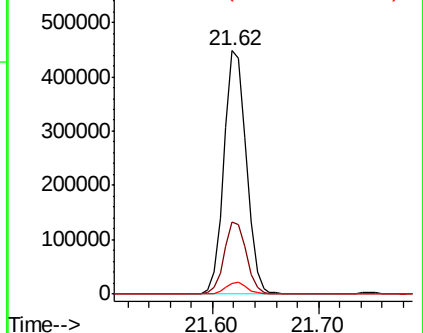
279 4.4 3.6 5.4

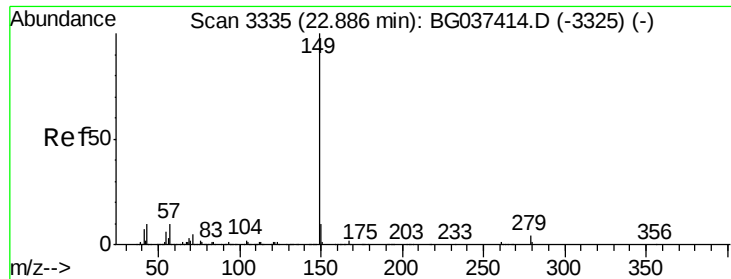


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

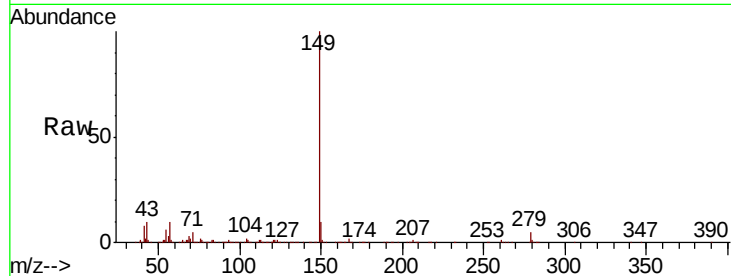




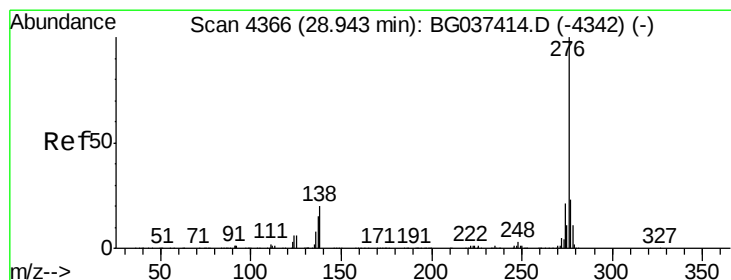
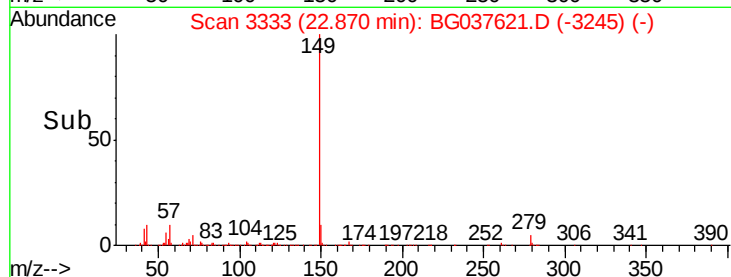
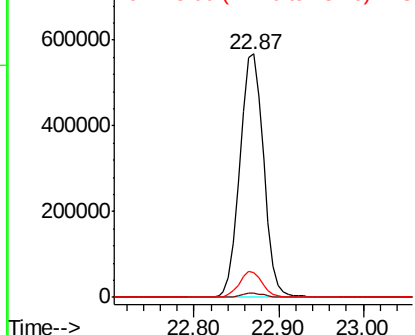
#85
Di-n-octyl phthalate
Concen: 26.093 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.02 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_G
ClientSampleId :
MW-15MSD

Tot Ion:149 Resp: 1100380
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.2 8.7 13.1

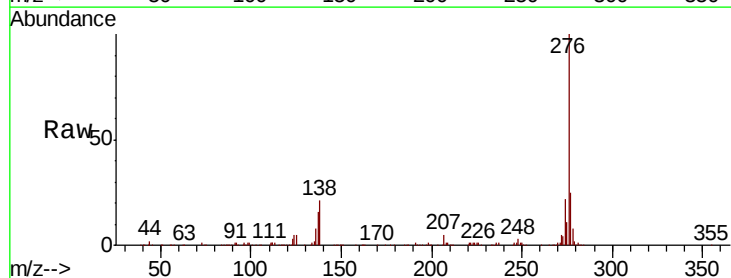


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

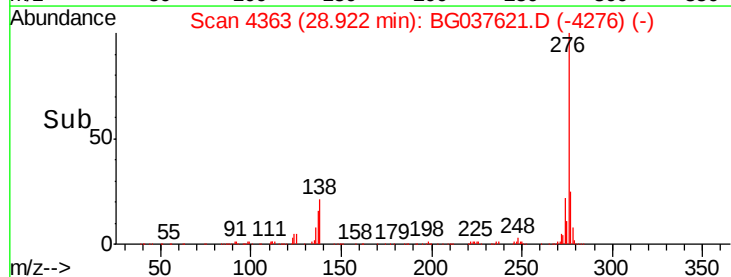
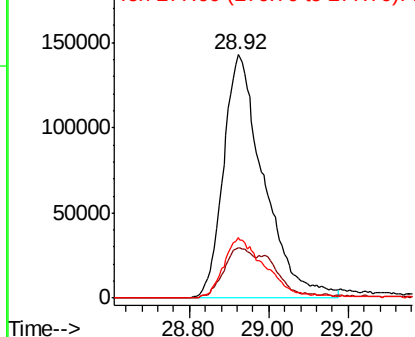


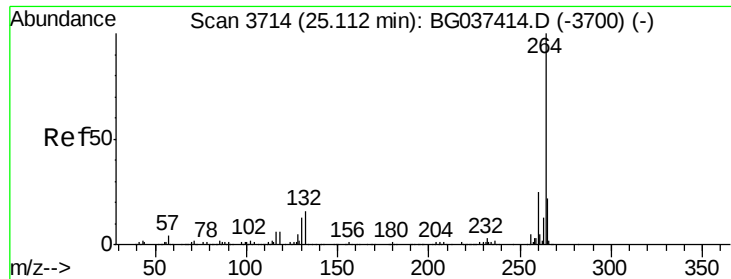
#86
Indeno(1,2,3-cd)pyrene
Concen: 23.999 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037621.D
Acq: 29 Oct 2018 13:53

Tgt Ion:276 Resp: 1009600
Ion Ratio Lower Upper
276 100
138 15.3 12.0 18.0
277 25.1 20.6 30.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

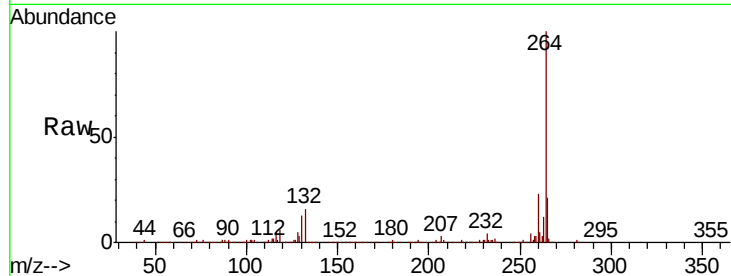
Tot Ion:264 Resp: 741077

Ion Ratio Lower Upper

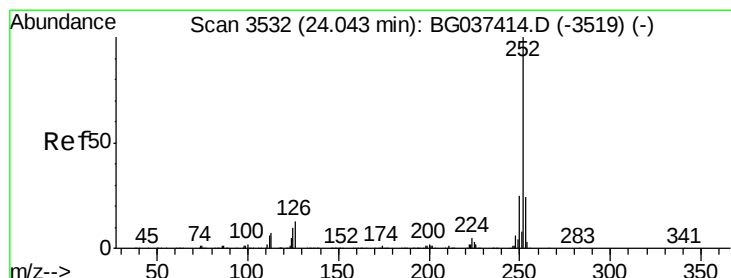
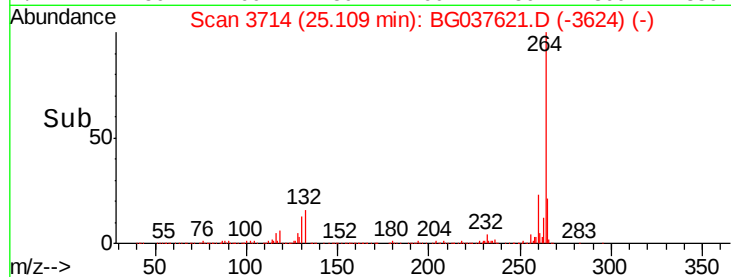
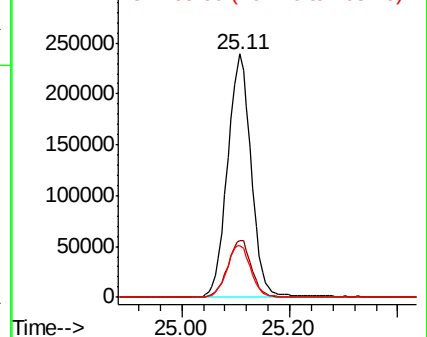
264 100

260 23.5 18.2 27.4

265 21.3 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: 23.948 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

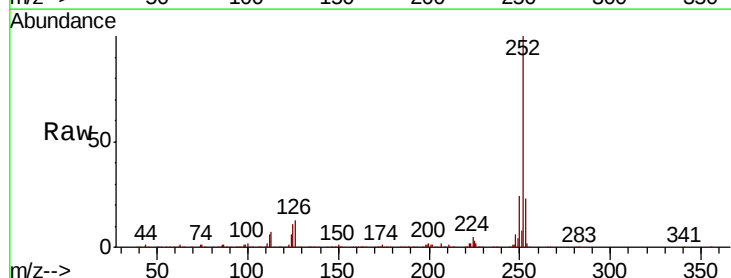
Tgt Ion:252 Resp: 972985

Ion Ratio Lower Upper

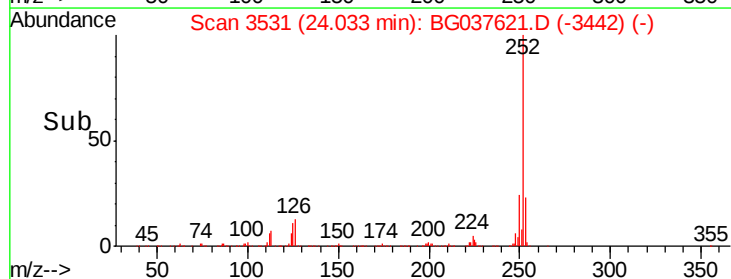
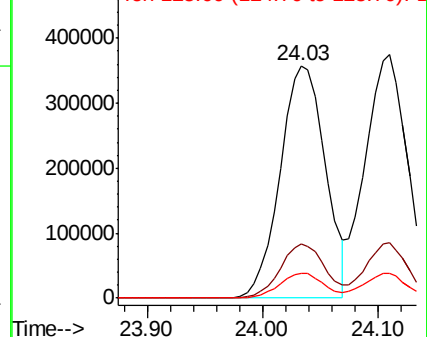
252 100

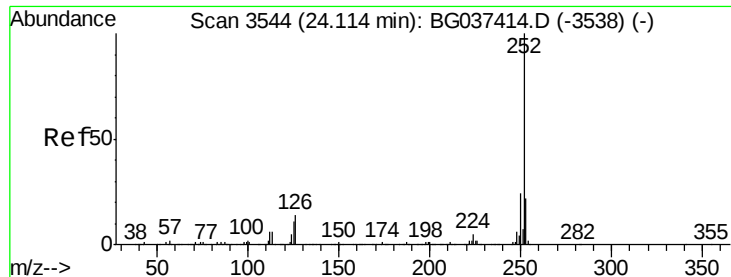
253 23.3 18.2 27.2

125 10.8 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: 24.426 ng

RT: 24.11 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

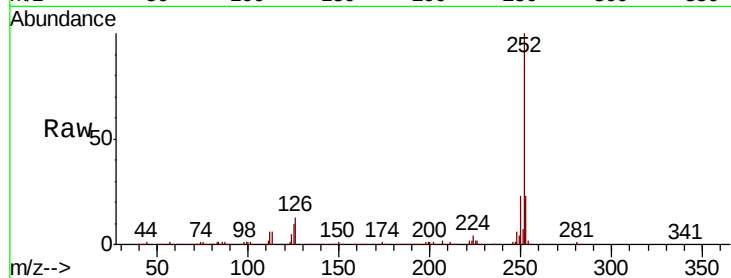
Tot Ion:252 Resp: 972261

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

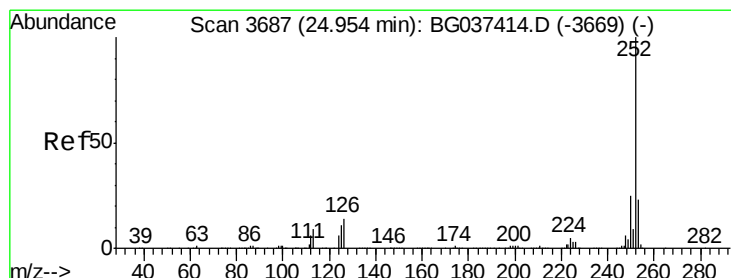
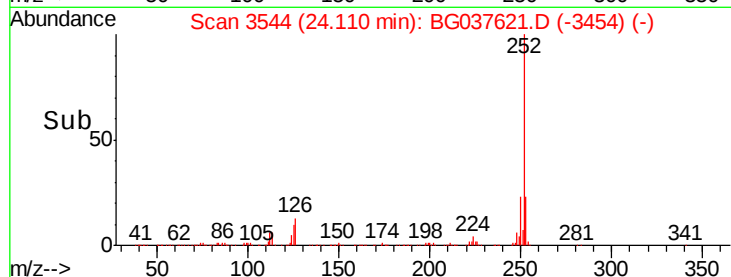
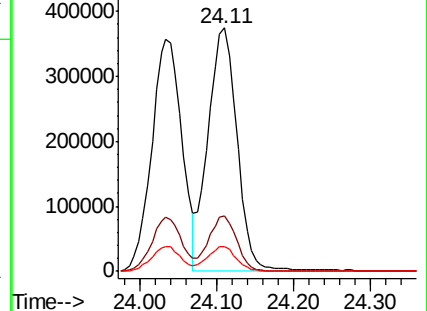
125 10.4 7.4 11.0



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



#90

Benzo(a)pyrene

Concen: 24.467 ng

RT: 24.94 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

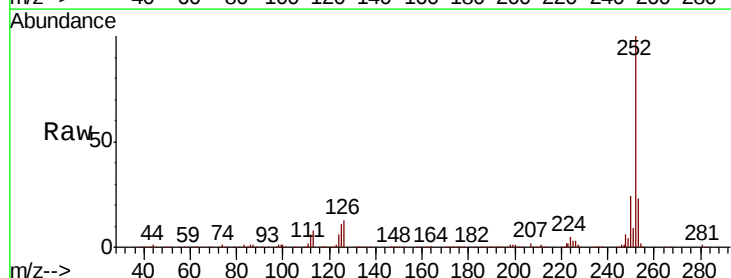
Tgt Ion:252 Resp: 944570

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

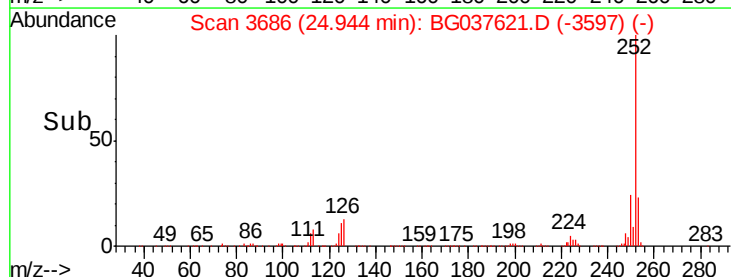
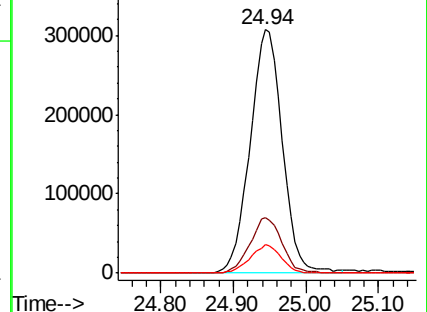
125 11.5 9.0 13.6

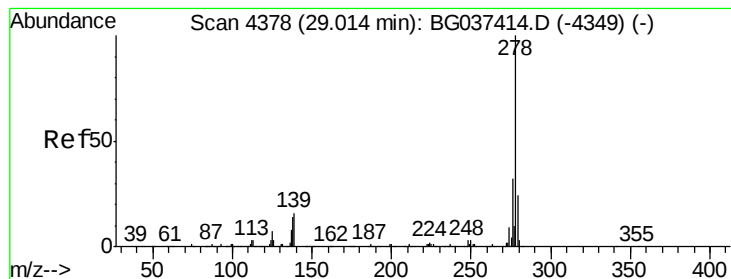


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 22.205 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.02 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_G

ClientSampleId :

MW-15MSD

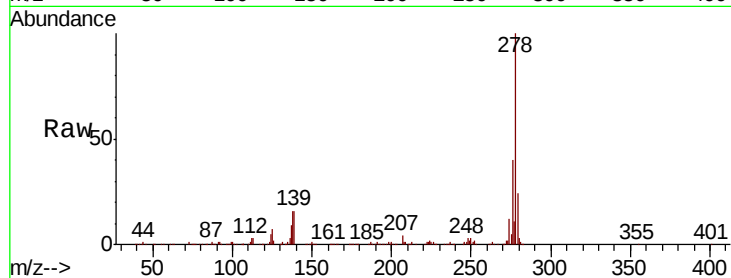
Tot Ion:278 Resp: 790749

Ion Ratio Lower Upper

278 100

139 15.6 11.5 17.3

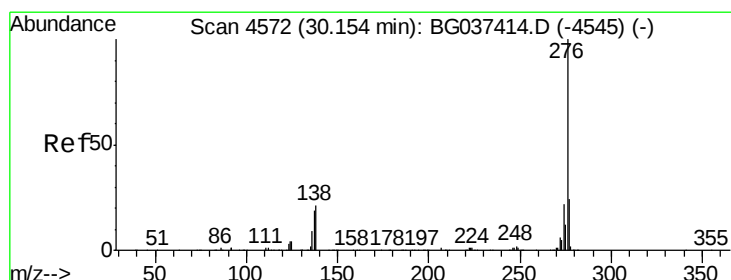
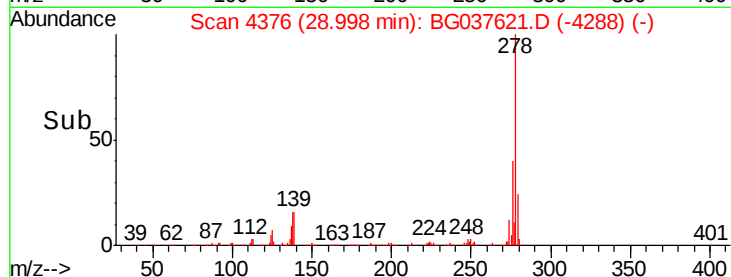
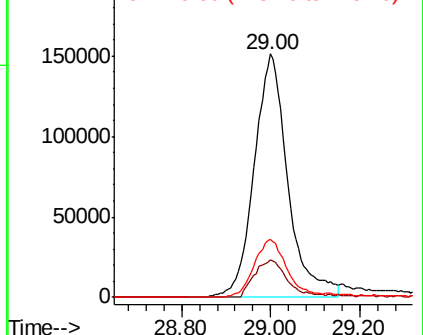
279 23.6 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 22.697 ng

RT: 30.13 min Scan# 4569

Delta R.T. -0.02 min

Lab File: BG037621.D

Acq: 29 Oct 2018 13:53

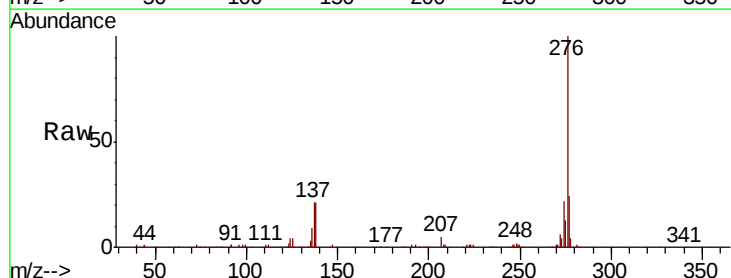
Tgt Ion:276 Resp: 817727

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 21.4 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

