

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037623.D
 Acq On : 29 Oct 2018 15:10
 Operator : JU/SJ
 Sample : J5696-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

Quant Time: Oct 30 04:47:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54170	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	246132	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	163525	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	381770	20.00	ng	0.00
76) Chrysene-d12	21.77	240	333374	20.00	ng	0.00
87) Perylene-d12	25.10	264	348235	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	186814	57.66	ng	0.00
7) Phenol-d6	7.25	99	166949	34.07	ng	0.00
23) Nitrobenzene-d5	9.28	82	369430	84.08	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	207530	116.36	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	871503	80.37	ng	0.00
79) Terphenyl-d14	20.08	244	1232338	78.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	22368	13.613	ng	99
3) Pyridine	3.94	79	52887	12.770	ng	88
4) n-Nitrosodimethylamine	3.85	42	32146	21.792	ng	99
6) Aniline	7.43	93	107842	18.043	ng	96
8) 2-Chlorophenol	7.66	128	139146	36.710	ng	98
9) Benzaldehyde	7.24	77	87064	28.408	ng	98
10) Phenol	7.27	94	87331	16.894	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	184001	46.865	ng	97
12) 1,3-Dichlorobenzene	7.99	146	193583	45.875	ng	97
13) 1,4-Dichlorobenzene	8.14	146	196696	45.569	ng	99
14) 1,2-Dichlorobenzene	8.46	146	189557	45.652	ng	97
15) Benzyl Alcohol	8.34	79	102154	28.218	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	338533	48.189	ng	96
17) 2-Methylphenol	8.53	107	108149	31.645	ng	98
18) Hexachloroethane	9.18	117	68710	46.692	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	157186	46.590	ng	93
20) 3+4-Methylphenols	8.86	107	136090	27.851	ng	97
22) Acetophenone	8.93	105	296100	47.968	ng	# 98
24) Nitrobenzene	9.33	77	228682	50.101	ng	96
25) Isophorone	9.84	82	440096	54.820	ng	97
26) 2-Nitrophenol	10.03	139	94190	45.807	ng	95
27) 2,4-Dimethylphenol	10.08	122	166744	45.417	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	269202	51.181	ng	97
29) 2,4-Dichlorophenol	10.56	162	176352	43.142	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	210515	47.357	ng	97
31) Naphthalene	10.98	128	619661	51.257	ng	99
32) Benzoic acid	10.16	122	35390	14.841	ng	86
33) 4-Chloroaniline	11.08	127	89652	15.783	ng	97
34) Hexachlorobutadiene	11.24	225	119566	45.383	ng	96
35) Caprolactam	11.87	113	9753	5.949	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	182652	39.621	ng	98
37) 2-Methylnaphthalene	12.57	142	475167	53.919	ng	99
38) 1-Methylnaphthalene	12.79	142	453352	52.972	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	241691	45.822	ng	99

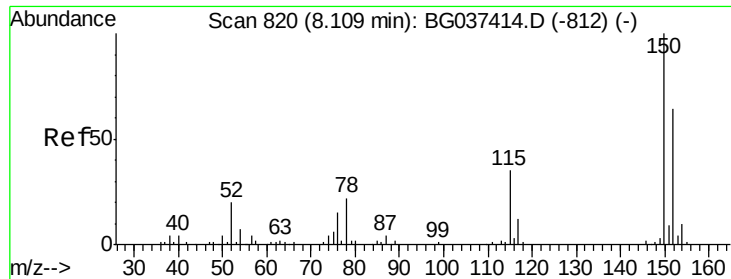
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037623.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	272512	108.160	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	160607	45.577	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	173389	45.193	nq	99
46) 1,1'-Biphenyl	13.57	154	612021	45.192	nq	99
47) 2-Chloronaphthalene	13.62	162	489656	47.792	nq	99
48) 2-Nitroaniline	13.83	65	163095	52.493	nq	96
49) Acenaphthylene	14.47	152	811774	52.671	nq	99
50) Dimethylphthalate	14.19	163	653457	51.654	nq	99
51) 2,6-Dinitrotoluene	14.31	165	143699	51.347	nq	97
52) Acenaphthene	14.80	154	465675	49.060	nq	98
53) 3-Nitroaniline	14.65	138	76537	24.635	nq	# 96
54) 2,4-Dinitrophenol	14.85	184	119749	89.457	nq	92
55) Dibenzofuran	15.14	168	754684	47.988	nq	98
56) 4-Nitrophenol	14.94	139	108635	47.240	nq	98
57) 2,4-Dinitrotoluene	15.10	165	200872	54.680	nq	# 96
58) Fluorene	15.78	166	609846	51.784	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	153383	46.693	nq	99
60) Diethylphthalate	15.54	149	638727	49.179	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	317925	46.316	nq	98
62) 4-Nitroaniline	15.81	138	136361	44.171	nq	94
63) Azobenzene	16.06	77	610770	49.288	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	90126	45.521	nq	98
66) n-Nitrosodiphenylamine	15.99	169	559715	48.740	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	202535	48.309	nq	98
68) Hexachlorobenzene	16.78	284	202905	46.697	nq	96
69) Atrazine	16.93	200	201995	48.651	nq	100
70) Pentachlorophenol	17.12	266	210192	72.219	nq	96
71) Phenanthrene	17.53	178	980271	50.522	nq	99
72) Anthracene	17.62	178	995173	52.264	nq	97
73) Carbazole	17.89	167	895831	47.033	nq	99
74) Di-n-butylphthalate	18.42	149	1056214	49.850	nq	99
75) Fluoranthene	19.53	202	1097472	49.871	nq	98
77) Benzidine	19.71	184	218980	19.318	nq	99
78) Pyrene	19.90	202	1090351	50.032	nq	99
80) Butylbenzylphthalate	20.77	149	483083	54.163	nq	98
81) Benzo(a)anthracene	21.75	228	1026576	52.061	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	224144	29.326	nq	99
83) Chrysene	21.82	228	956384	50.440	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	681644	54.523	nq	98
85) Di-n-octyl phthalate	22.87	149	1150963	56.457	nq	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1089417	53.569	nq	# 90
88) Benzo(b)fluoranthene	24.04	252	1028571	53.876	nq	99
89) Benzo(k)fluoranthene	24.11	252	960126	51.331	nq	98
90) Benzo(a)pyrene	24.95	252	976683	53.837	nq	99
91) Dibenzo(a,h)anthracene	29.00	278	895994	53.543	nq	97
92) Benzo(g,h,i)perylene	30.14	276	916740	54.149	nq	99

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

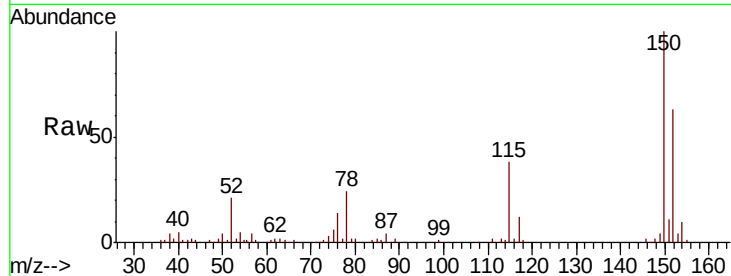


#1

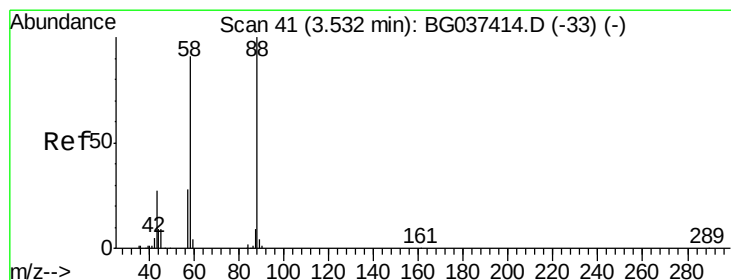
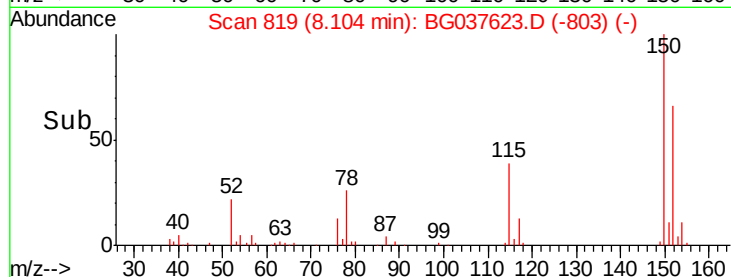
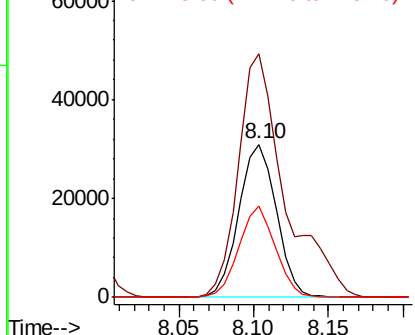
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion:152 Resp: 54170
Ion Ratio Lower Upper
152 100
150 159.2 126.0 189.0
115 59.8 45.5 68.3



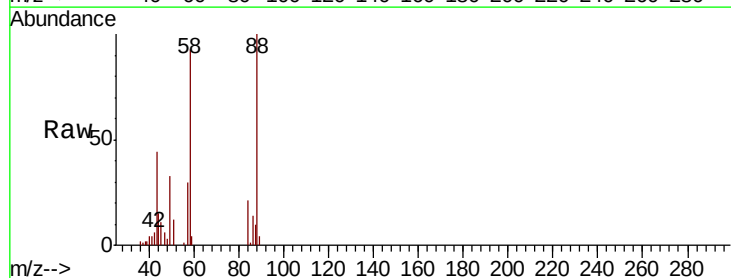
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



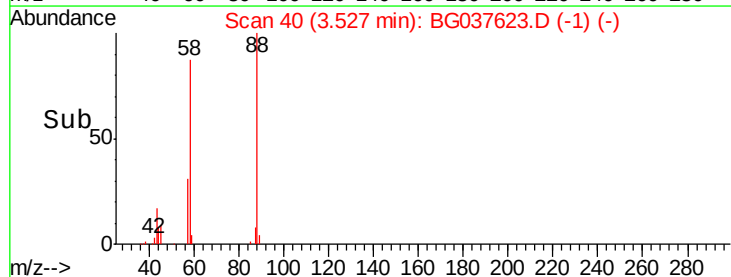
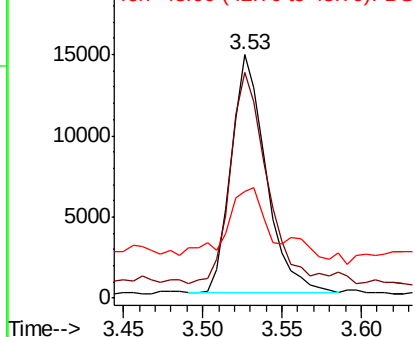
#2

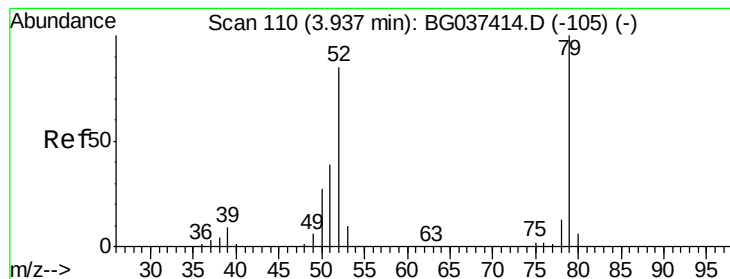
1,4-Dioxane
Concen: 13.613 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion: 88 Resp: 22368
Ion Ratio Lower Upper
88 100
58 93.0 74.4 111.6
43 30.3 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: 12.770 ng

RT: 3.94 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

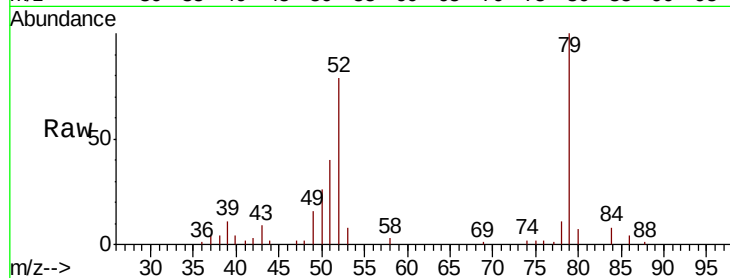
Tot Ion: 79 Resp: 52887

Ion Ratio Lower Upper

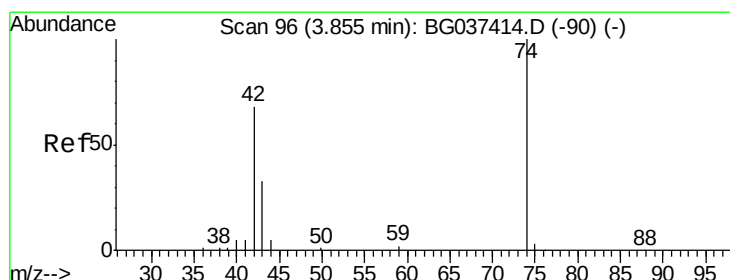
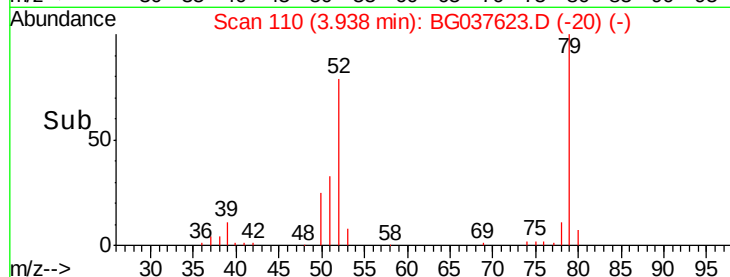
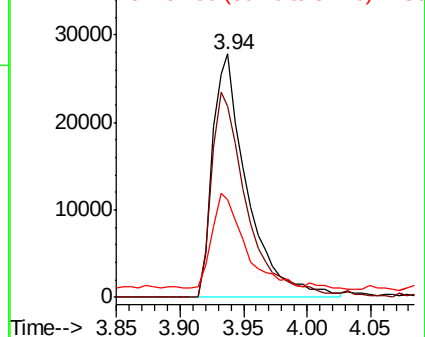
79 100

52 78.6 74.2 111.2

51 40.2 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: 21.792 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

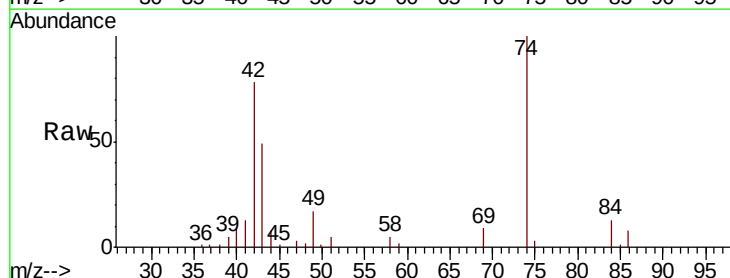
Tgt Ion: 42 Resp: 32146

Ion Ratio Lower Upper

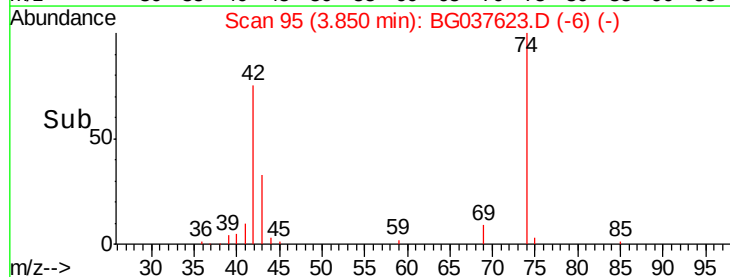
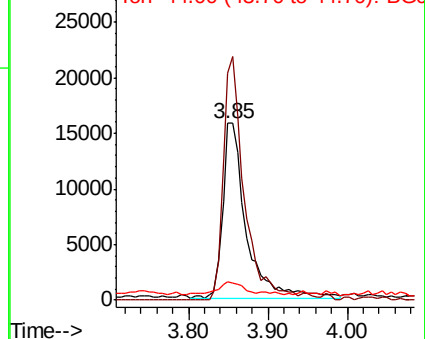
42 100

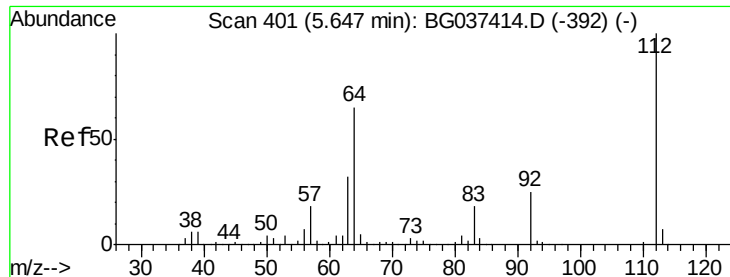
74 128.6 102.0 153.0

44 10.3 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: 57.657 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

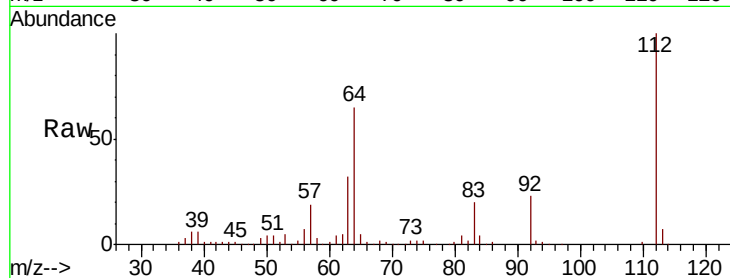
Tot Ion:112 Resp: 186814

Ion Ratio Lower Upper

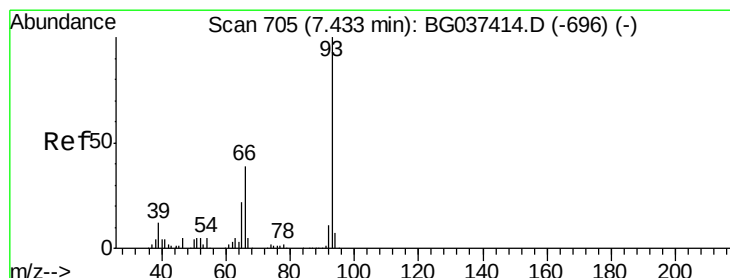
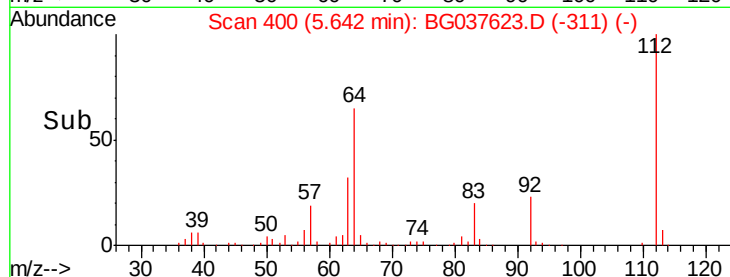
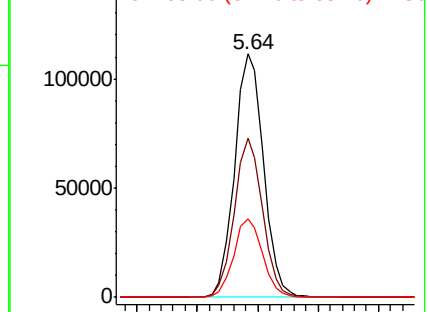
112 100

64 65.4 53.1 79.7

63 32.3 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: 18.043 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

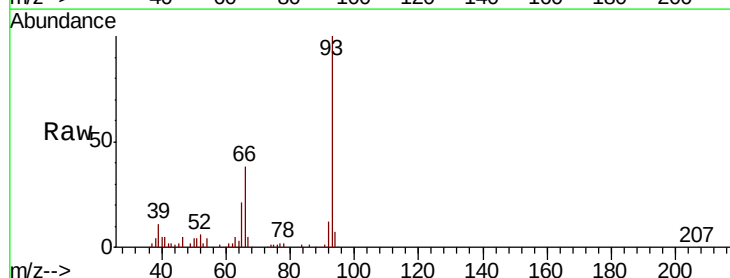
Tgt Ion: 93 Resp: 107842

Ion Ratio Lower Upper

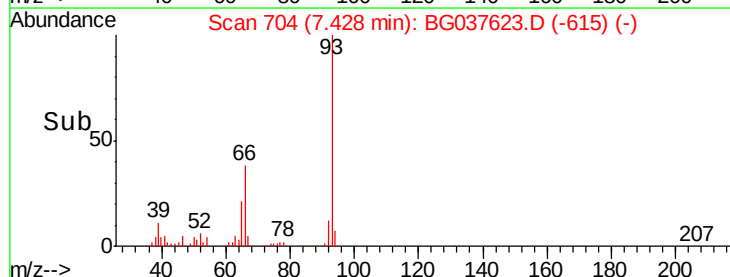
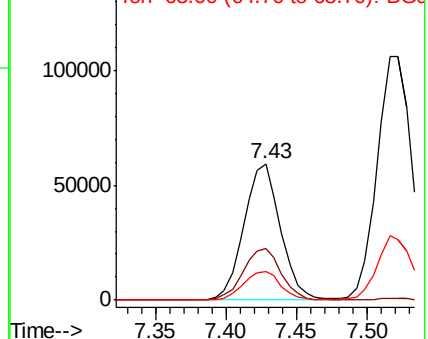
93 100

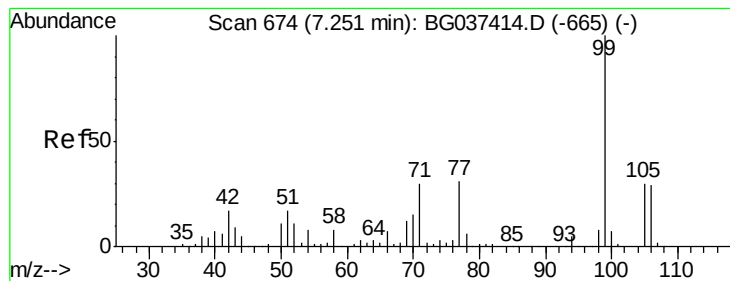
66 38.0 32.8 49.2

65 21.4 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: 34.075 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

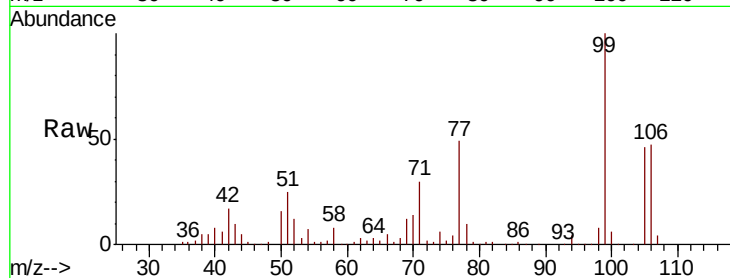
Tot Ion: 99 Resp: 166949

Ion Ratio Lower Upper

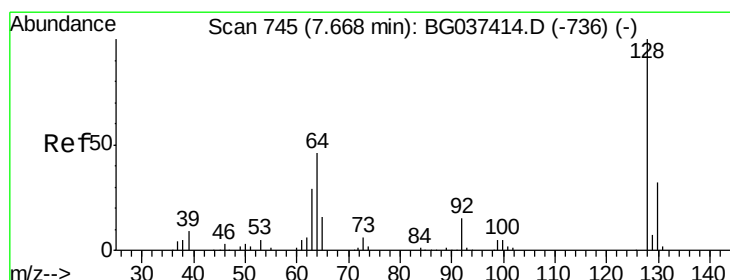
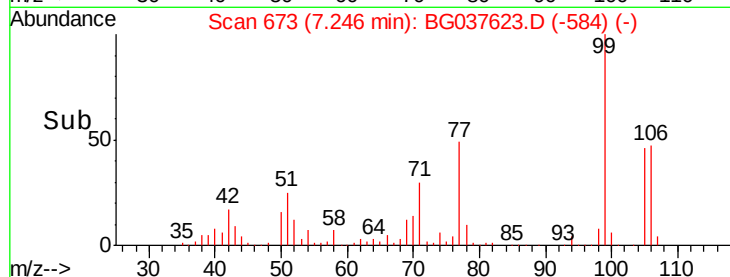
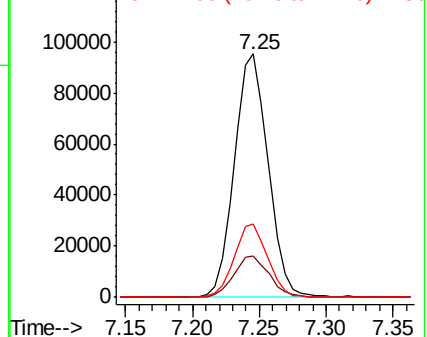
99 100

42 17.3 15.0 22.4

71 30.4 25.5 38.3



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



#8

2-Chlorophenol

Concen: 36.710 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

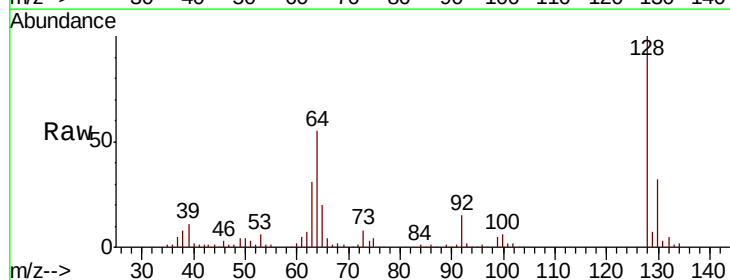
Tgt Ion: 128 Resp: 139146

Ion Ratio Lower Upper

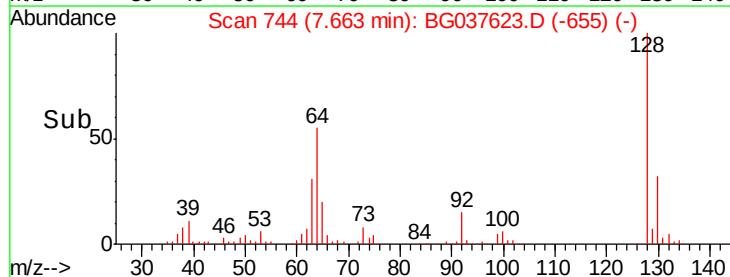
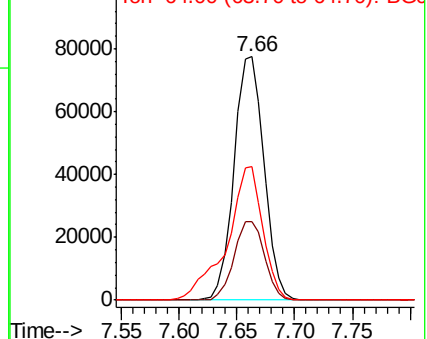
128 100

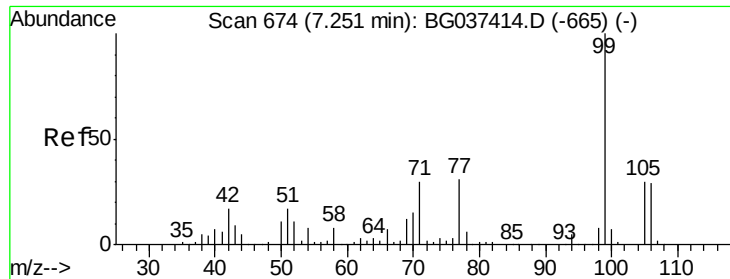
130 32.3 12.0 52.0

64 54.6 32.9 72.9



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





#9

Benzaldehyde

Concen: 28.408 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

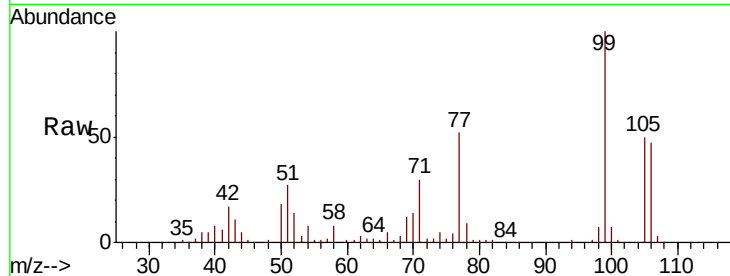
Tot Ion: 77 Resp: 87064

Ion Ratio Lower Upper

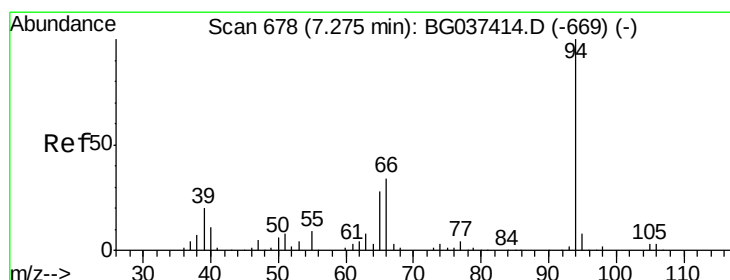
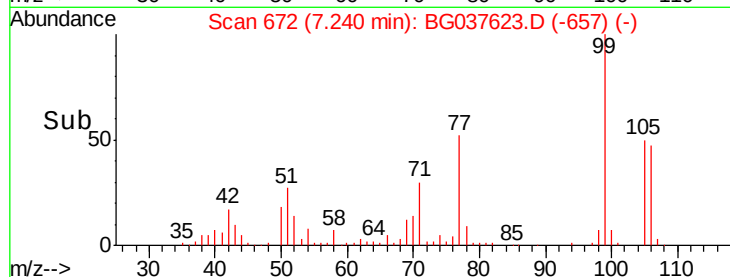
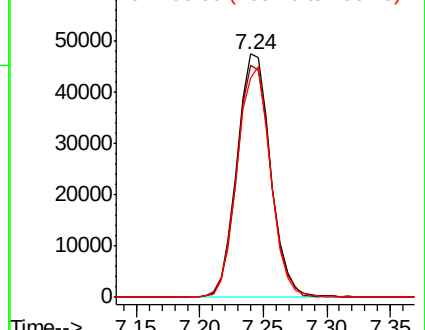
77 100

105 95.6 72.6 112.6

106 90.1 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: 16.894 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

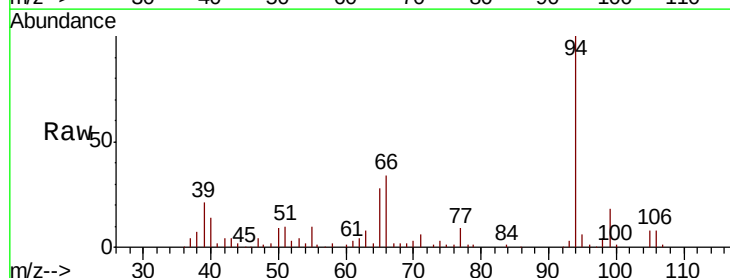
Tgt Ion: 94 Resp: 87331

Ion Ratio Lower Upper

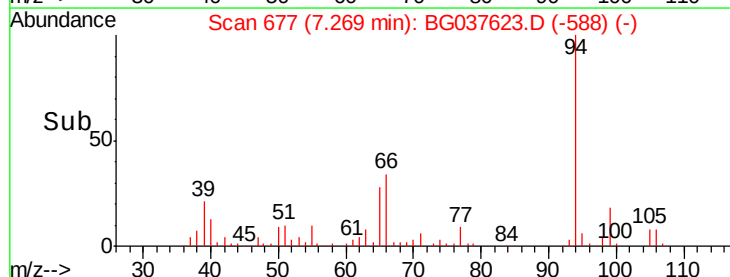
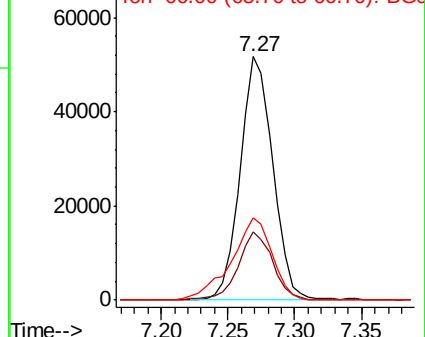
94 100

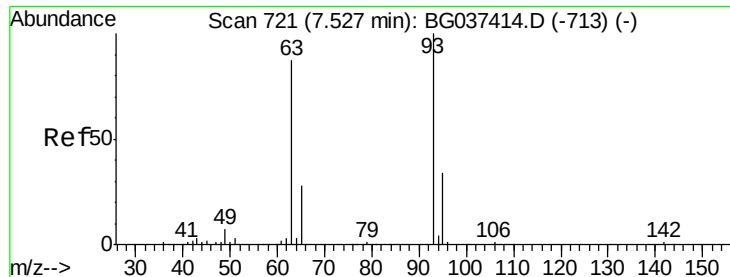
65 27.9 9.7 49.7

66 33.8 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

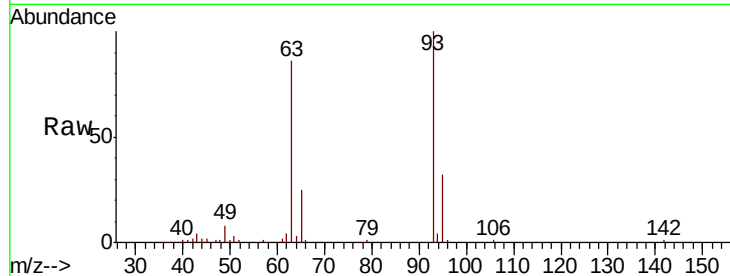




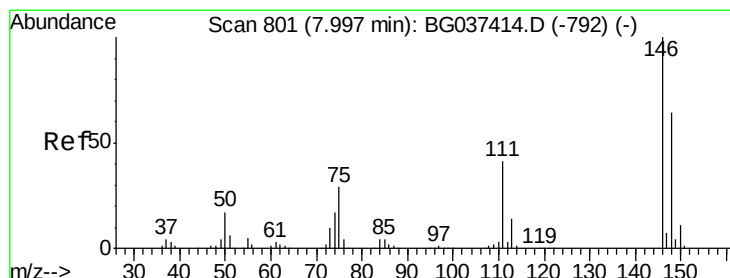
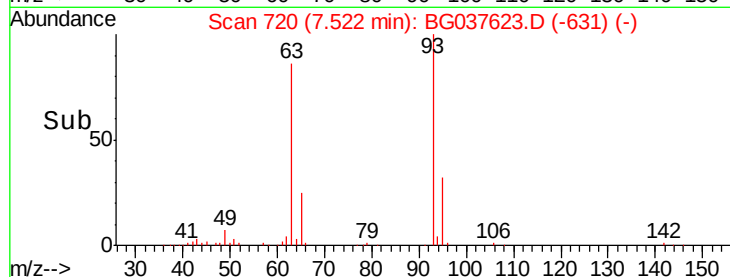
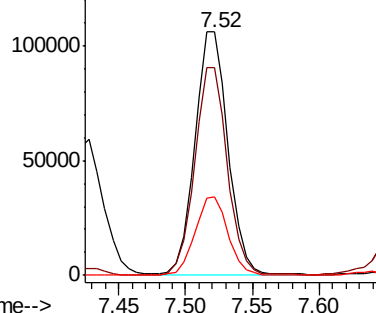
#11
bis(2-Chloroethyl)ether
Concen: 46.865 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion: 93 Resp: 184001
Ion Ratio Lower Upper
93 100
63 85.5 69.5 109.5
95 32.5 12.6 52.6

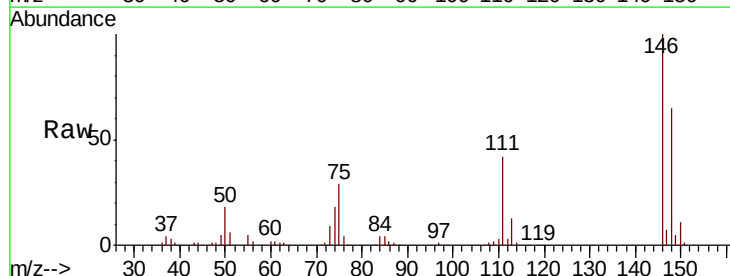


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

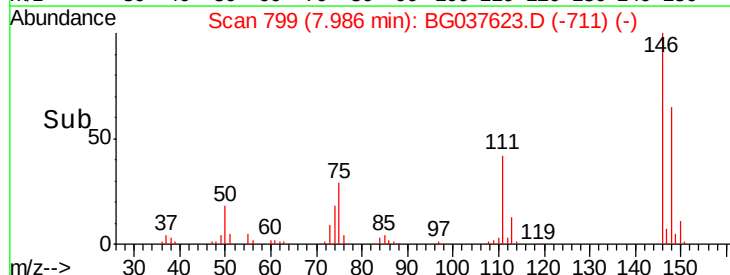
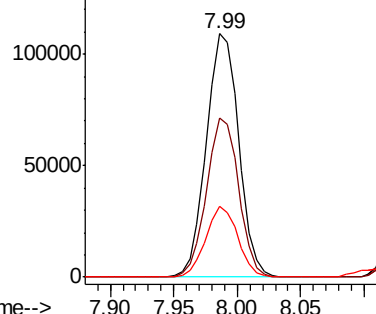


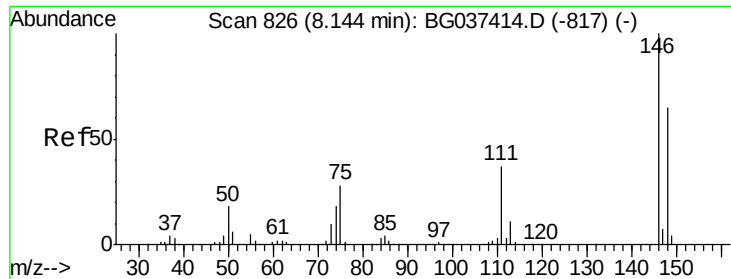
#12
1,3-Dichlorobenzene
Concen: 45.875 ng
RT: 7.99 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion: 146 Resp: 193583
Ion Ratio Lower Upper
146 100
148 65.3 49.8 74.8
75 29.2 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

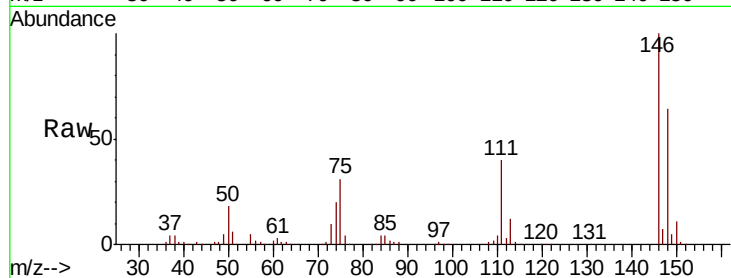




#13
 1,4-Dichlorobenzene
 Concen: 45.569 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	39.7	32.4	48.6

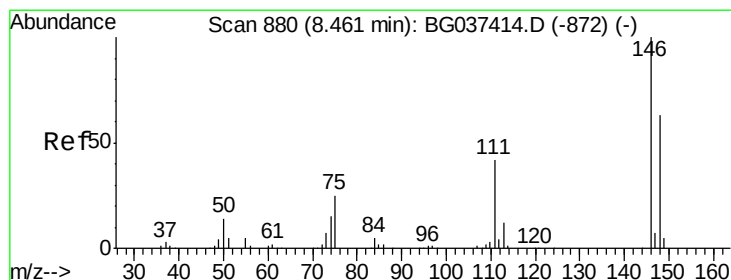
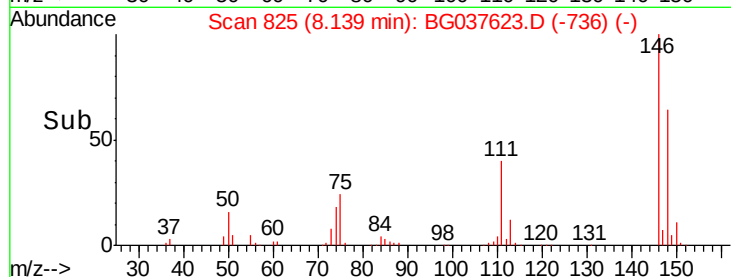
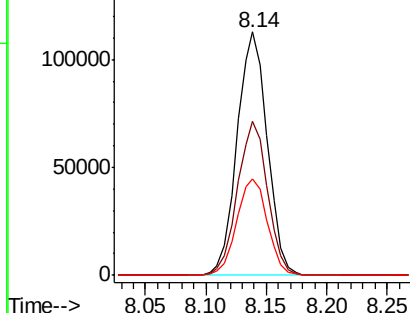


Abundance

Ion 146.00 (145.70 to 146.70): E

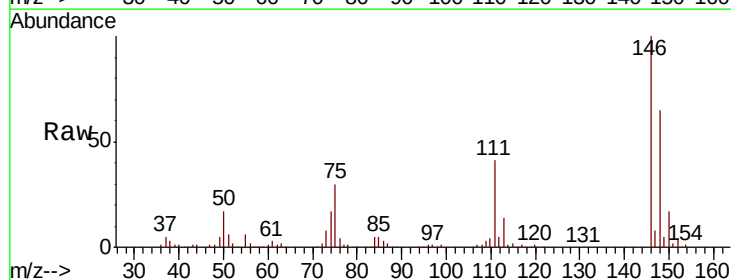
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.652 ng
 RT: 8.46 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
111	41.4	34.6	51.8

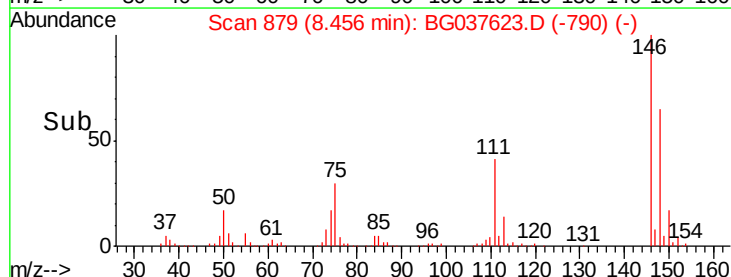
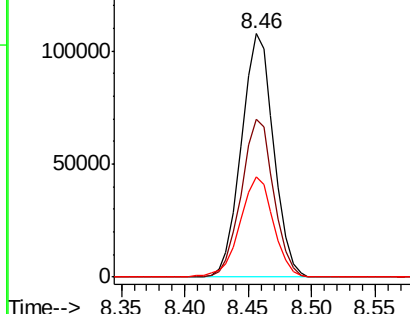


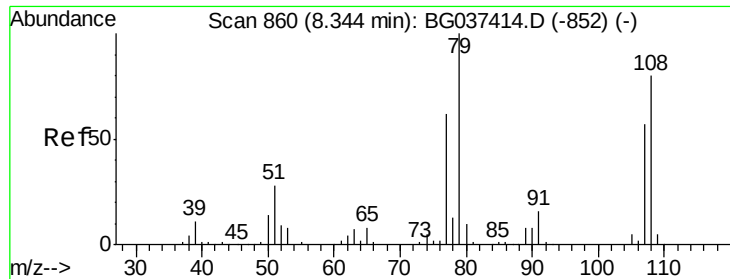
Abundance

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: 28.218 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

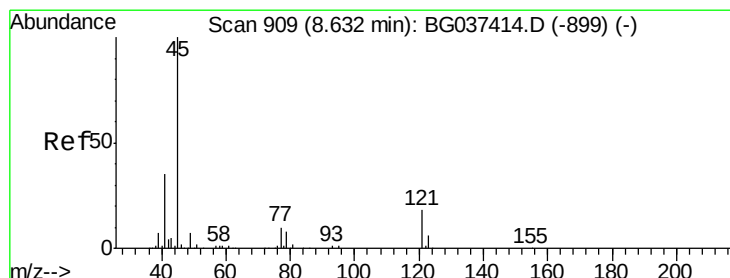
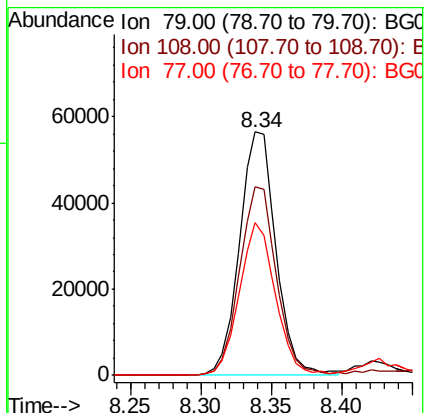
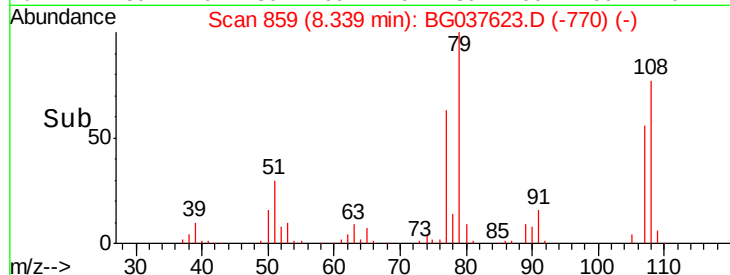
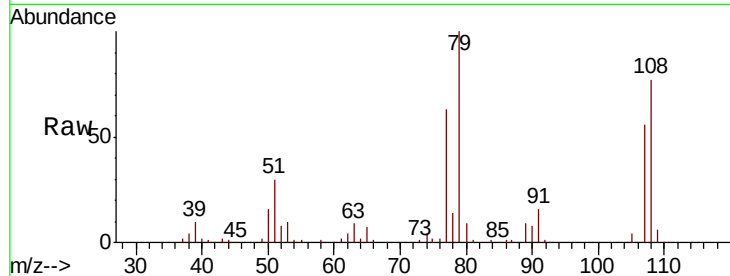
Tot Ion: 79 Resp: 102154

Ion Ratio Lower Upper

79 100

108 77.4 65.8 98.8

77 62.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.189 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

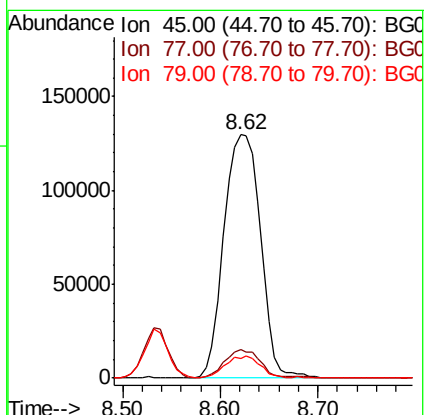
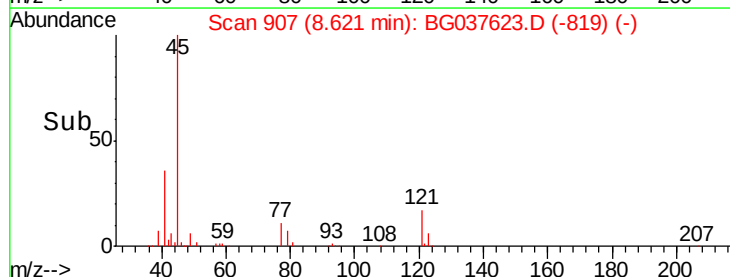
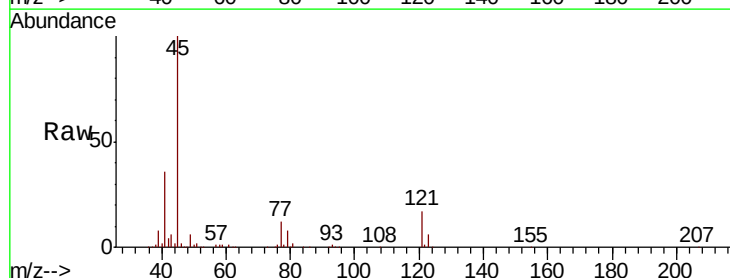
Tgt Ion: 45 Resp: 338533

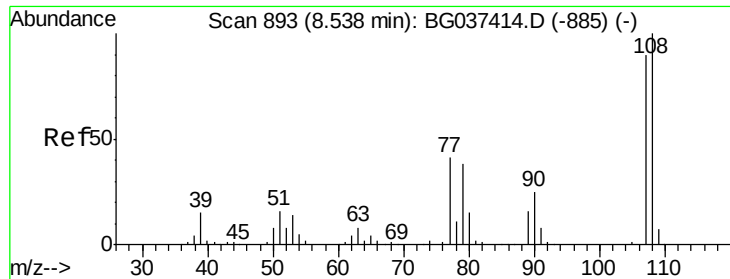
Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.0

79 7.9 0.0 29.0

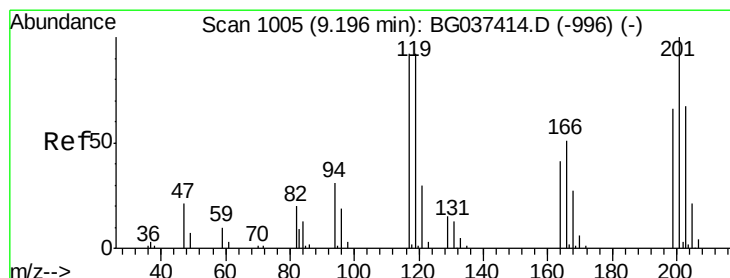
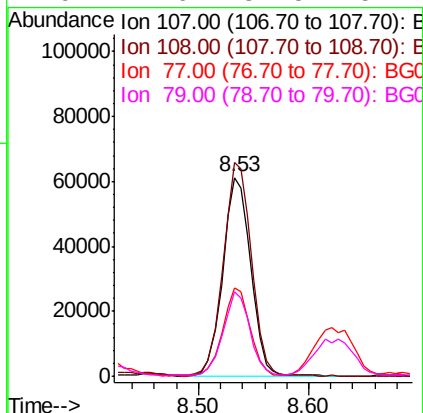
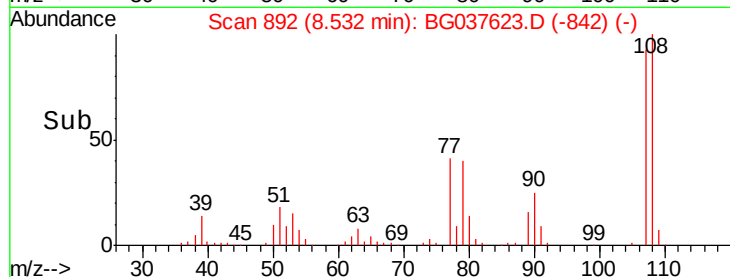
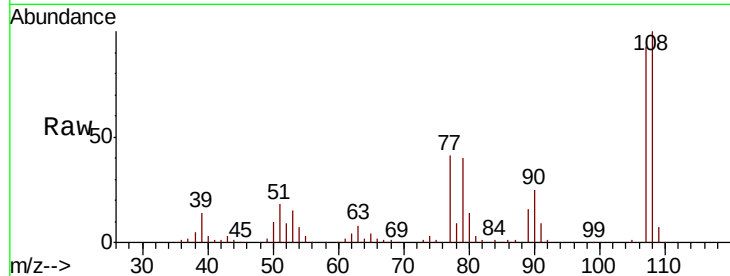




#17
2-Methylphenol
Concen: 31.645 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

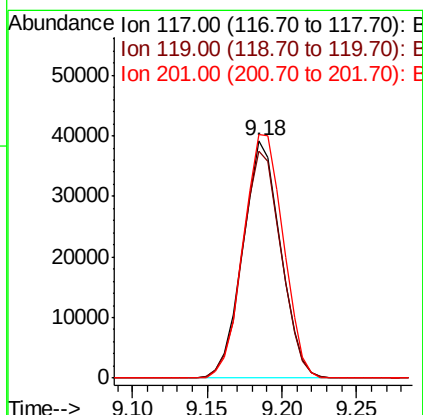
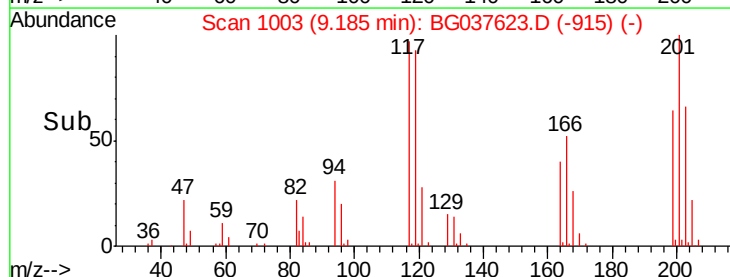
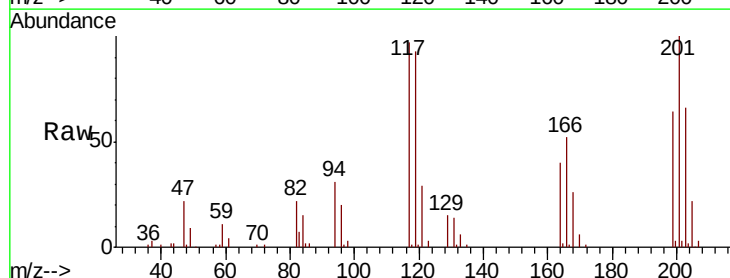
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

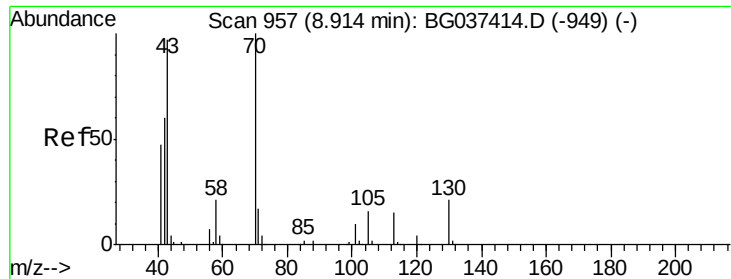
Tot Ion:	107	Resp:	108149
Ion	Ratio	Lower	Upper
107	100		
108	107.6	87.9	131.9
77	44.3	35.1	52.7
79	42.6	34.5	51.7



#18
Hexachloroethane
Concen: 46.692 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:	117	Resp:	68710
Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.6	111.8
201	104.6	80.8	121.2

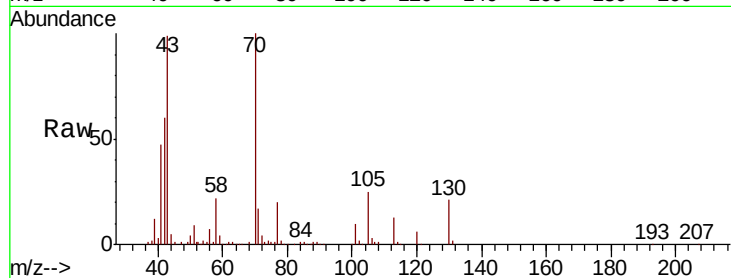




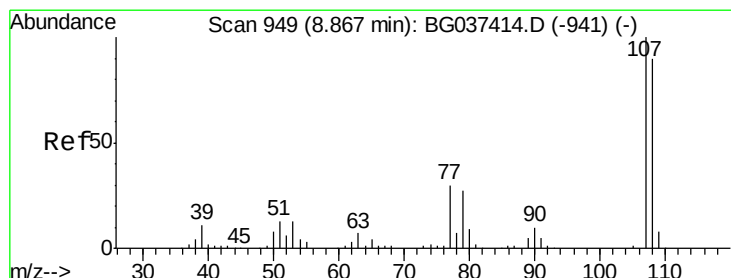
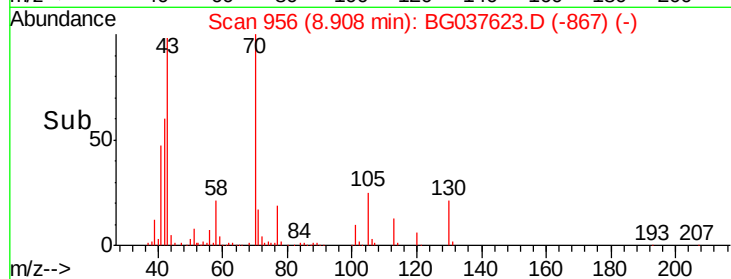
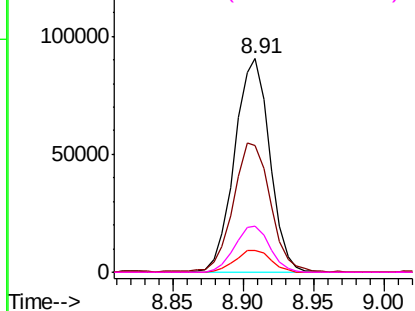
#19
n-Nitroso-di-n-propylamine
Concen: 46.590 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion:	70	Resp:	157186
Ion	Ratio	Lower	Upper
70	100		
42	59.5	53.9	80.9
101	10.1	8.2	12.2
130	21.4	18.2	27.4

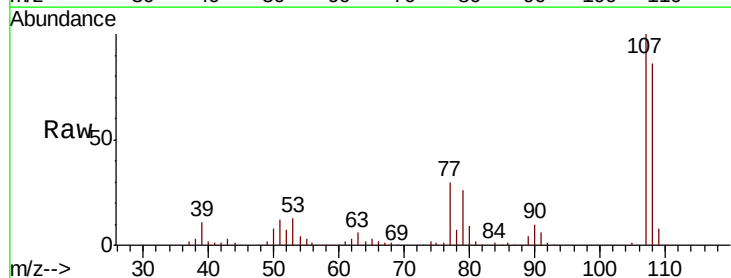


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

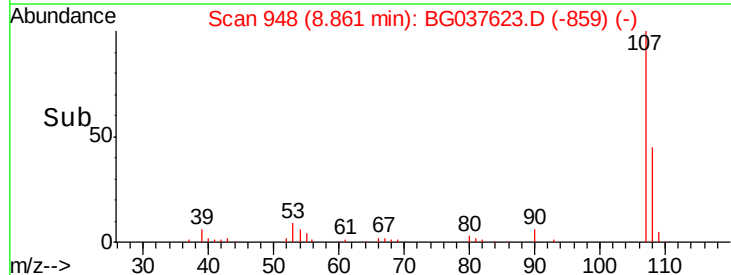
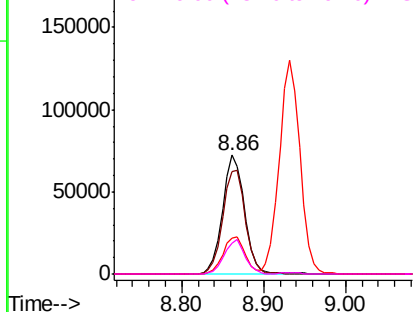


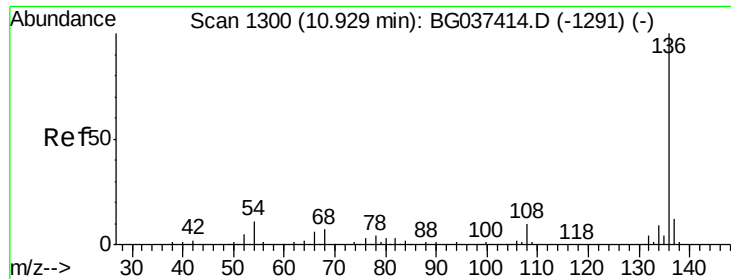
#20
3+4-Methylphenols
Concen: 27.851 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:	107	Resp:	136090
Ion	Ratio	Lower	Upper
107	100		
108	85.8	69.9	109.9
77	30.5	11.2	51.2
79	26.0	6.6	46.6



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

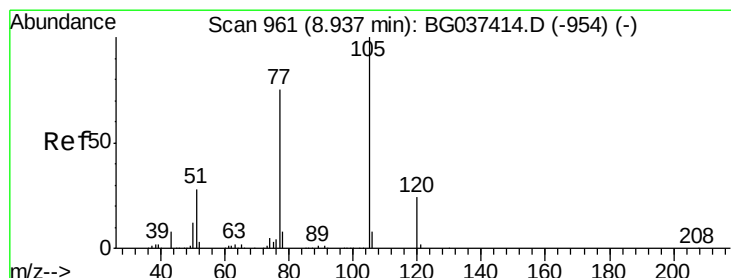
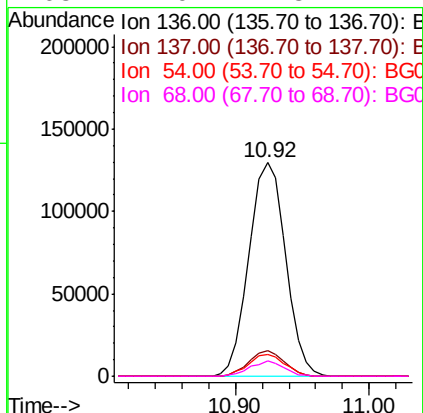
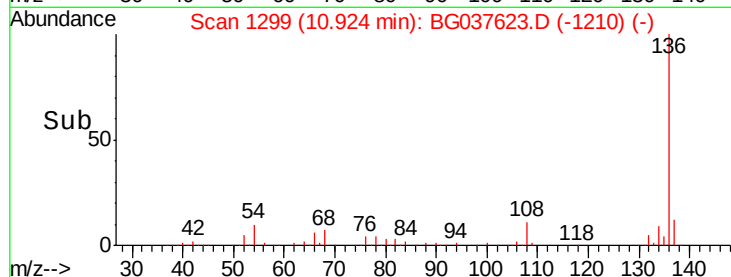
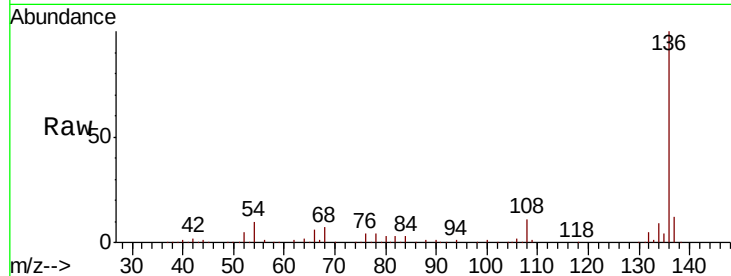




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

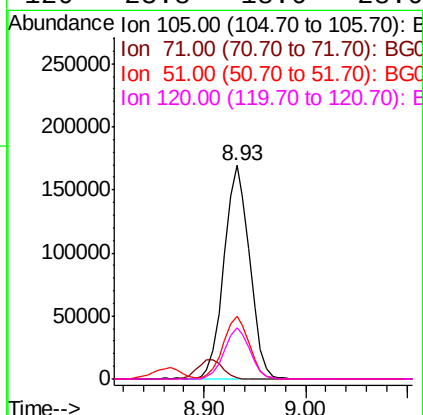
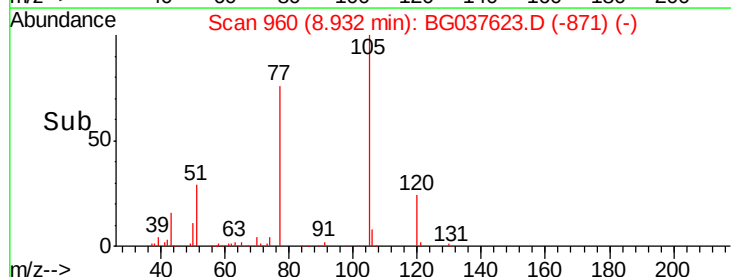
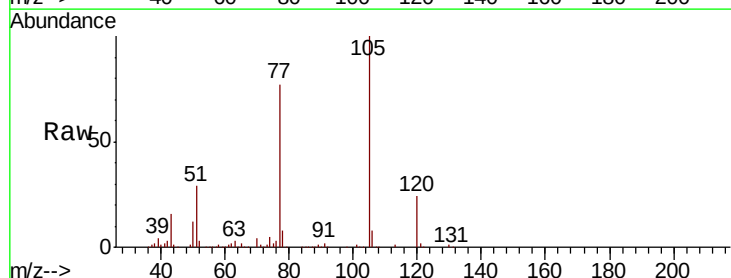
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

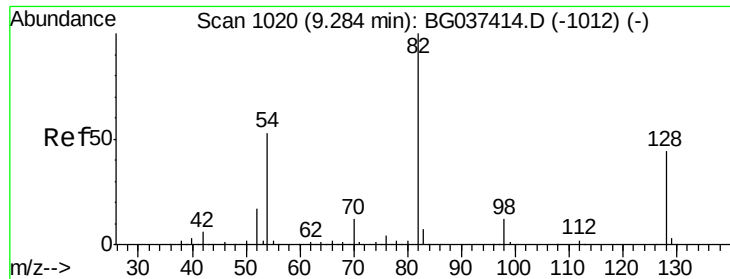
Tot Ion:136	Resp:	246132
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.6 14.4
54	10.5	7.9 11.9
68	7.0	4.8 7.2



#22
Acetophenone
Concen: 47.968 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:105	Resp:	296100
Ion Ratio	Lower	Upper
105	100	
71	0.8	1.2 1.8#
51	29.4	25.0 37.6
120	23.8	18.6 28.0

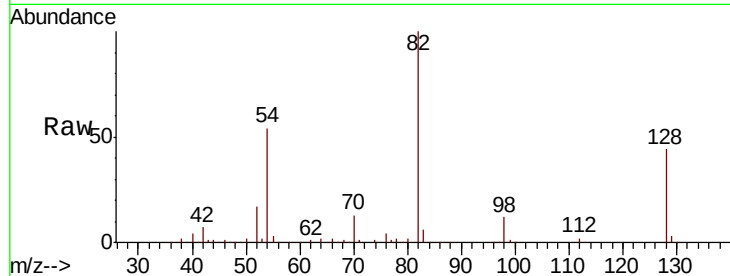




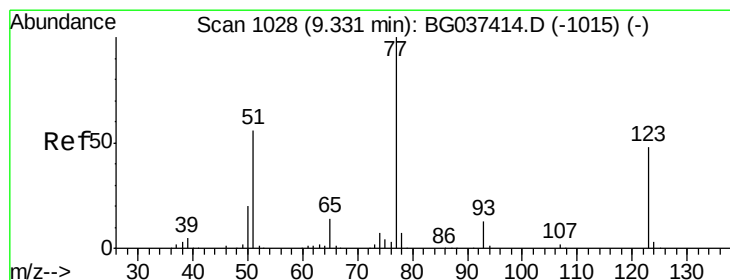
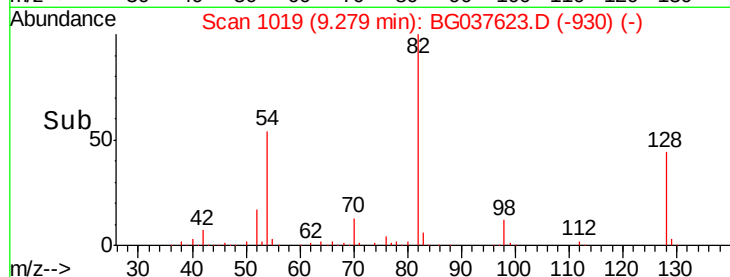
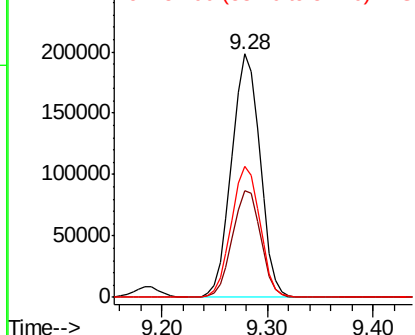
#23
Nitrobenzene-d5
Concen: 84.081 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion: 82 Resp: 369430
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 53.6 45.3 67.9

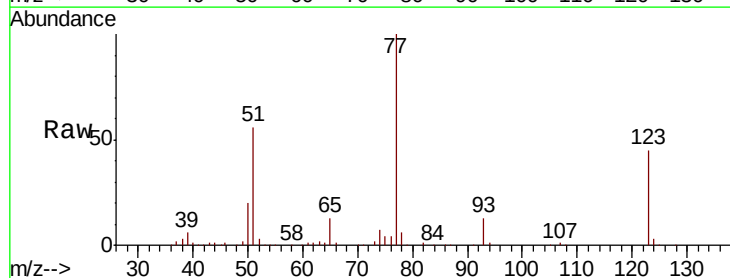


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

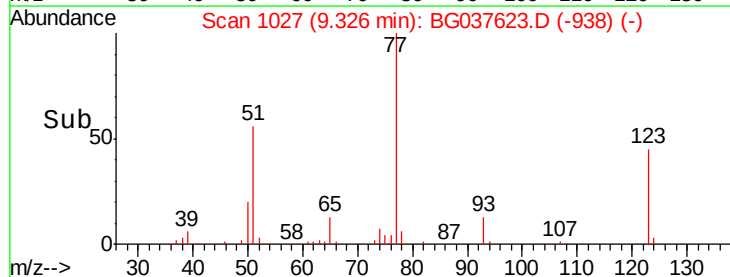
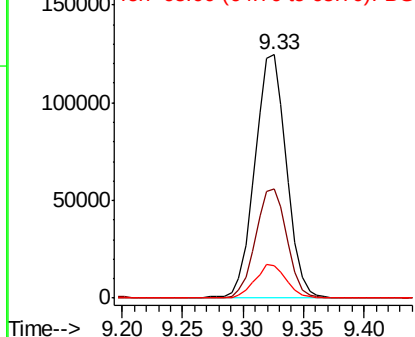


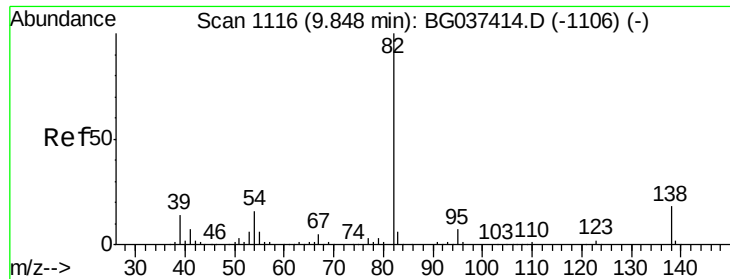
#24
Nitrobenzene
Concen: 50.101 ng
RT: 9.33 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion: 77 Resp: 228682
Ion Ratio Lower Upper
77 100
123 45.0 33.6 50.4
65 13.4 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 54.820 ng

RT: 9.84 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

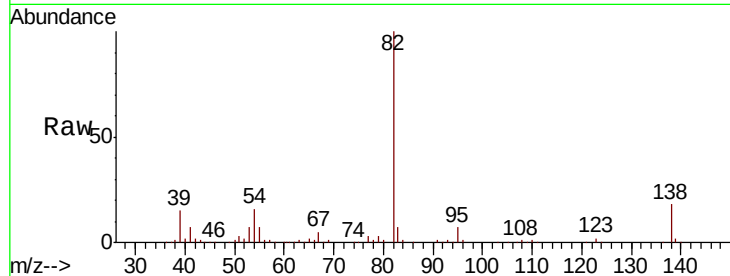
Tot Ion: 82 Resp: 440096

Ion Ratio Lower Upper

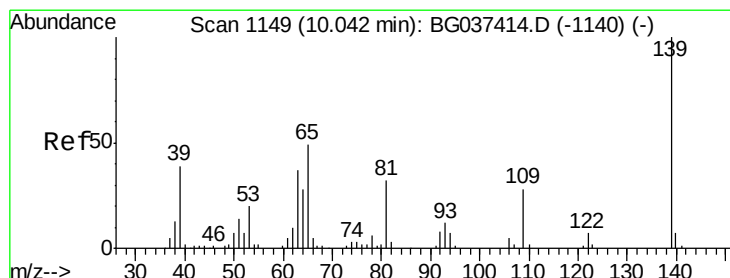
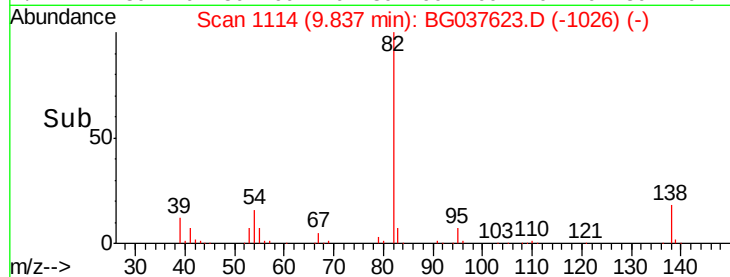
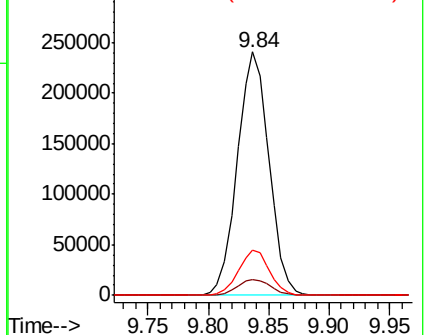
82 100

95 6.7 5.3 7.9

138 18.3 13.3 19.9



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



#26

2-Nitrophenol

Concen: 45.807 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

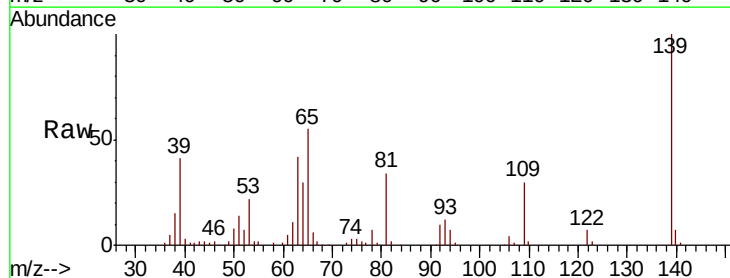
Tgt Ion: 139 Resp: 94190

Ion Ratio Lower Upper

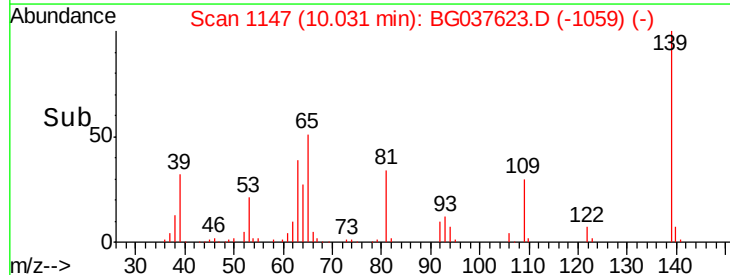
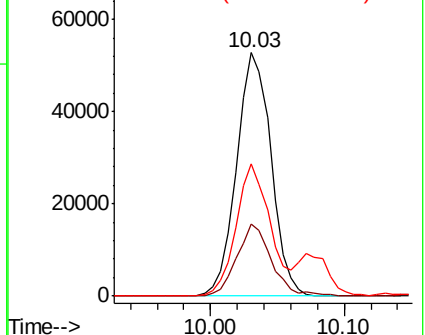
139 100

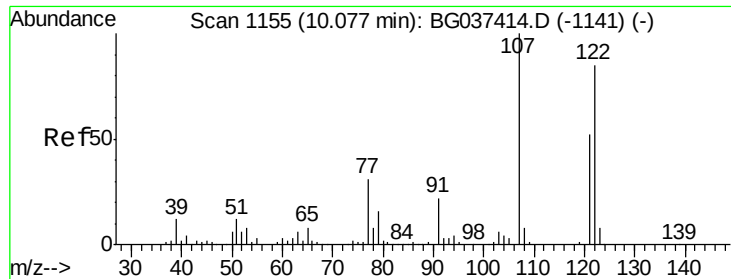
109 29.6 23.3 34.9

65 54.5 39.8 59.8



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

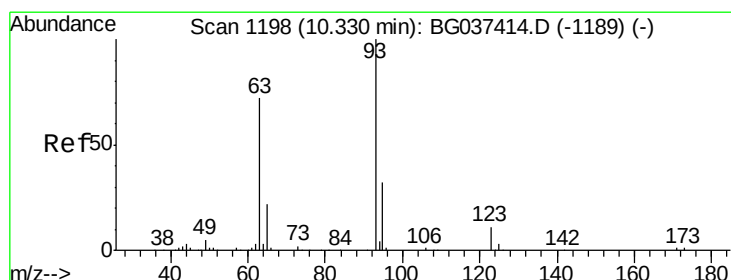
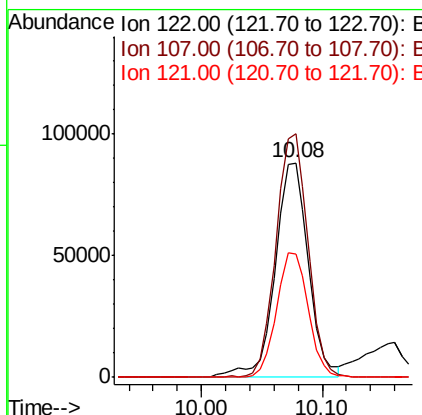
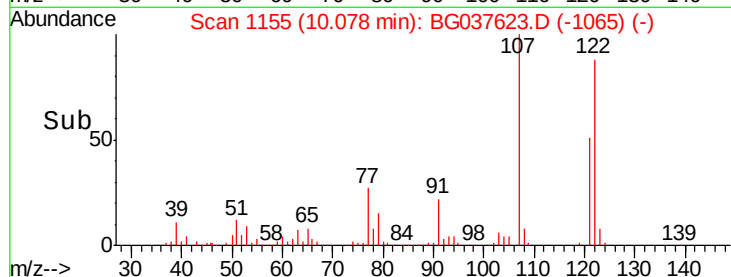
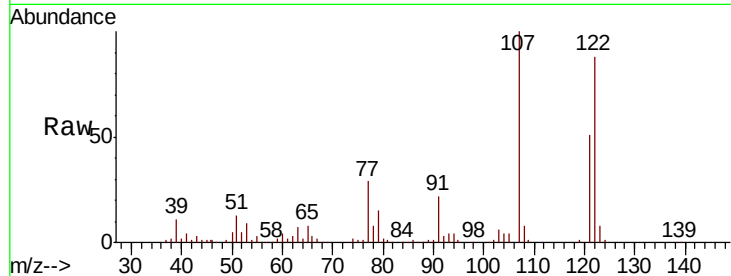




#27
 2,4-Dimethylphenol
 Concen: 45.417 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

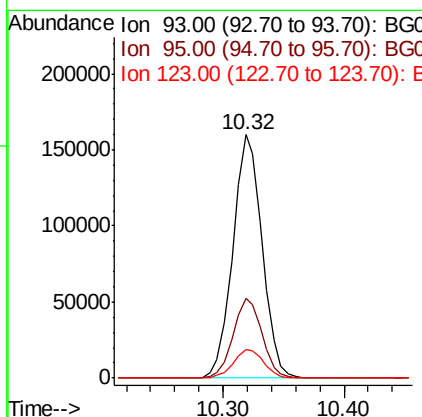
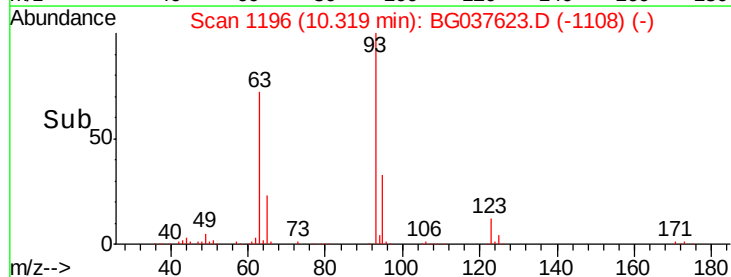
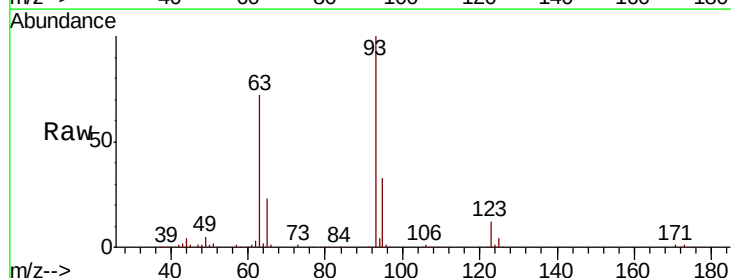
Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

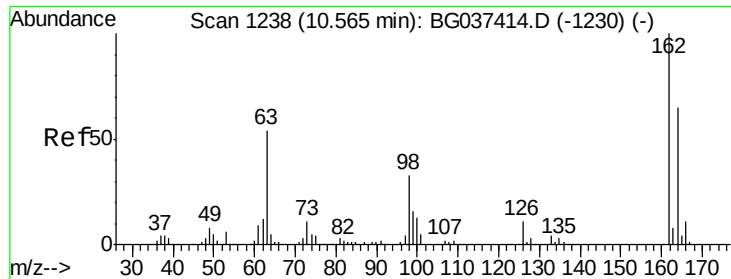
Tot Ion:122 Resp: 166744
 Ion Ratio Lower Upper
 122 100
 107 113.4 94.2 141.2
 121 57.5 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.181 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Tgt Ion: 93 Resp: 269202
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 11.5 9.1 13.7

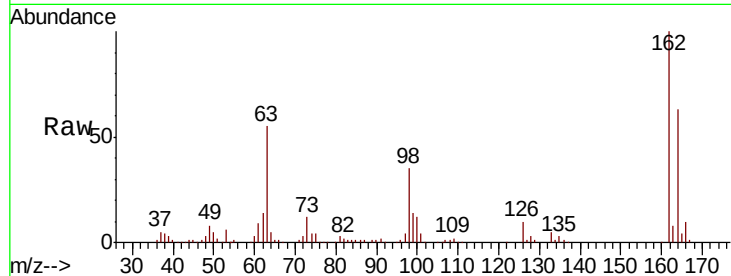




#29
 2,4-Dichlorophenol
 Concen: 43.142 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.2	83.2
98	35.4	16.0	56.0

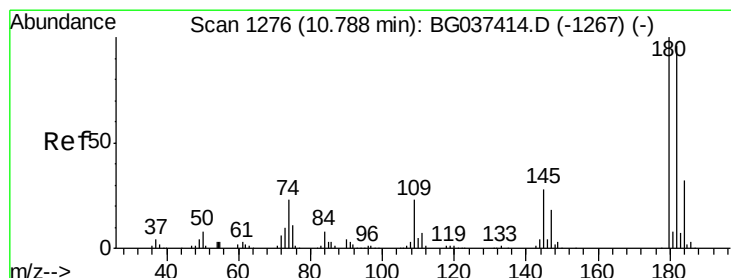
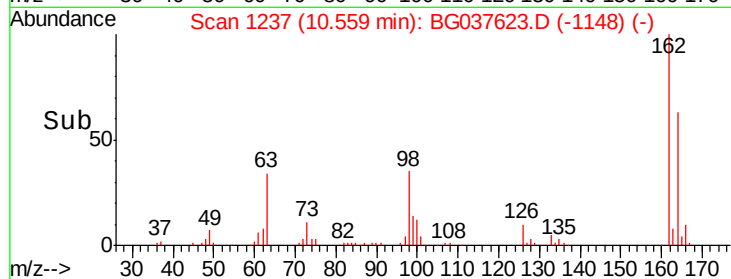
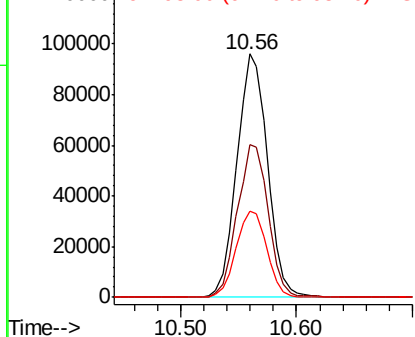


Abundance

Ion 162.00 (161.70 to 162.70): E

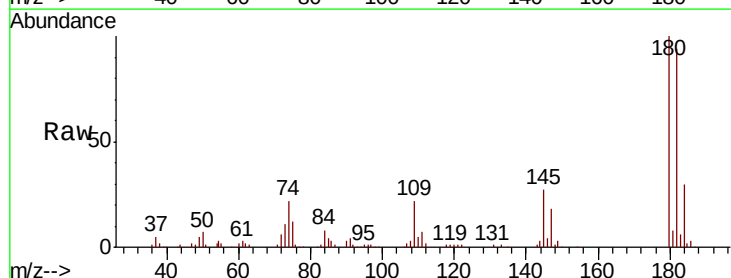
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 47.357 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.7	116.5
145	26.9	23.3	34.9

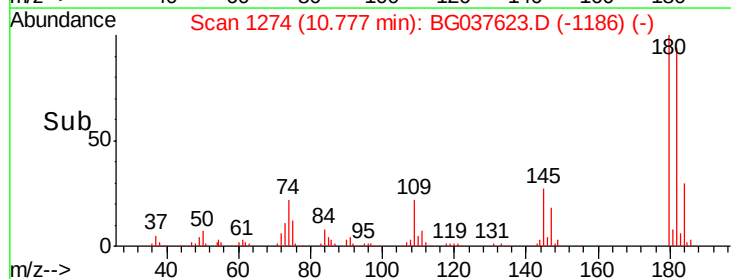
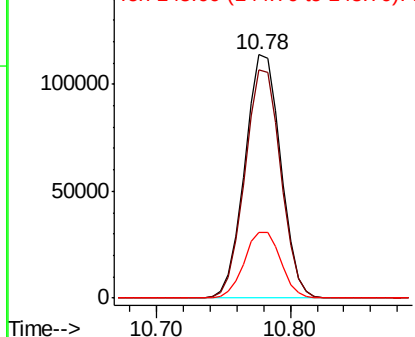


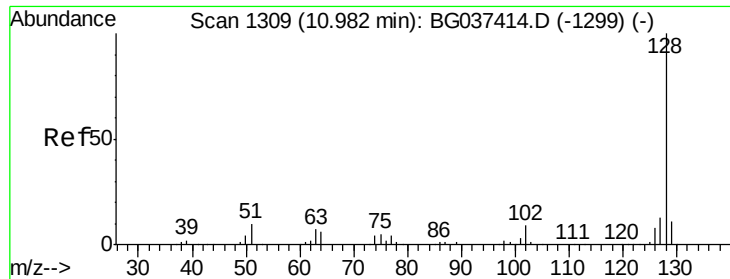
Abundance

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

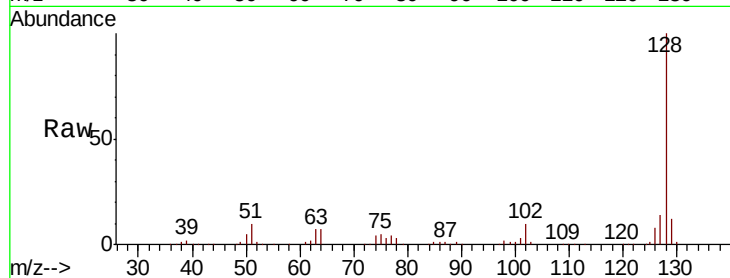




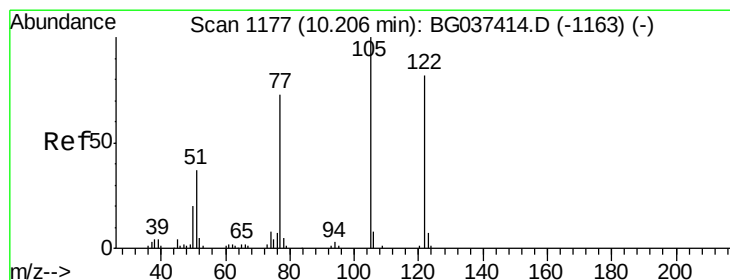
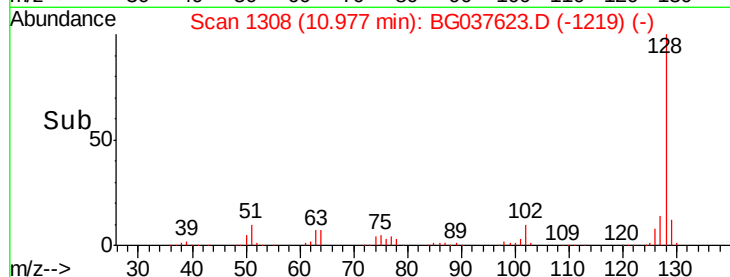
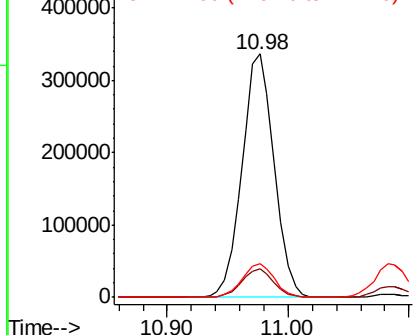
#31
Naphthalene
Concen: 51.257 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion:128 Resp: 619661
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 14.0 11.1 16.7

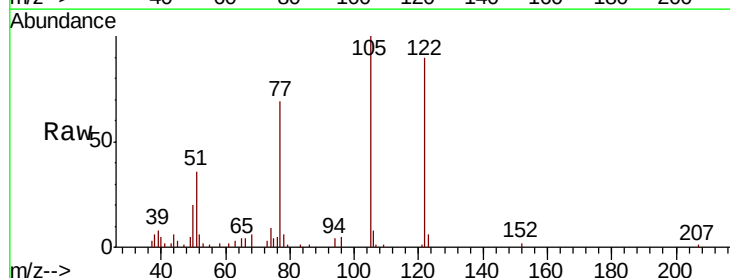


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

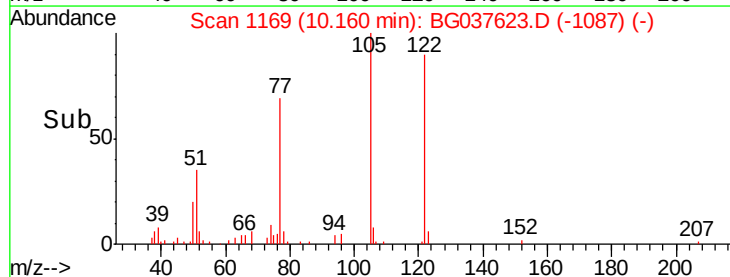
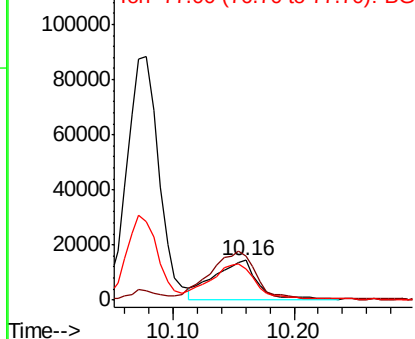


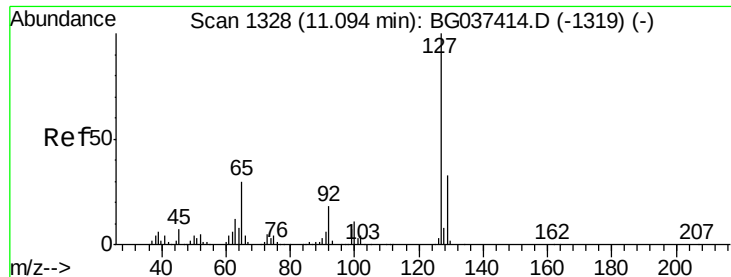
#32
Benzoic acid
Concen: 14.841 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:122 Resp: 35390
Ion Ratio Lower Upper
122 100
105 111.7 106.7 146.7
77 77.0 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

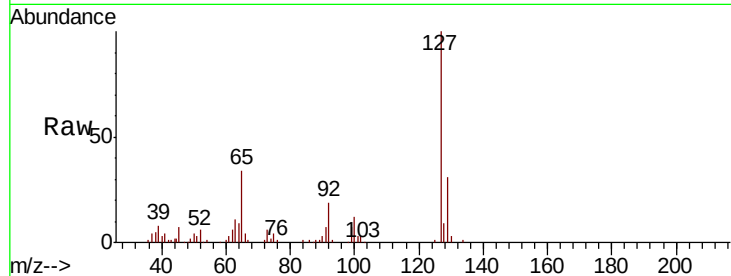




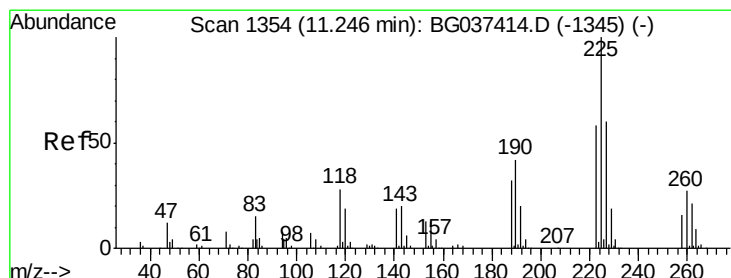
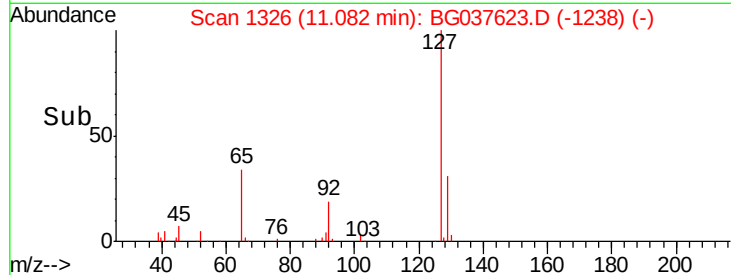
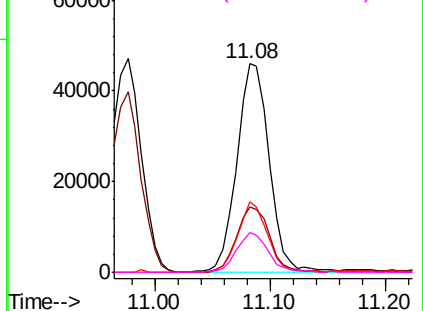
#33
4-Chloroaniline
Concen: 15.783 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion:127	Resp:	89652
Ion Ratio	Lower	Upper
127	100	
129	31.3	27.1 40.7
65	33.9	26.6 39.8
92	19.3	16.4 24.6

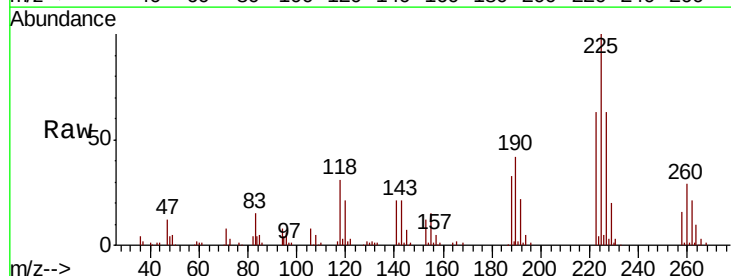


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

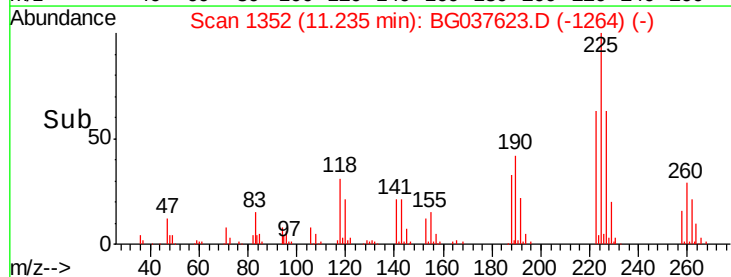
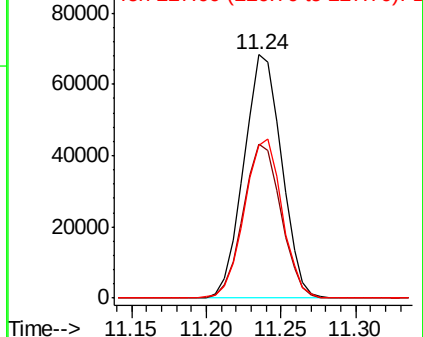


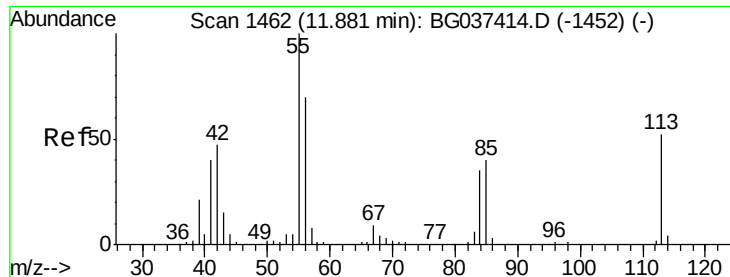
#34
Hexachlorobutadiene
Concen: 45.383 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:225	Resp:	119566
Ion Ratio	Lower	Upper
225	100	
223	64.3	48.2 72.4
227	62.6	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

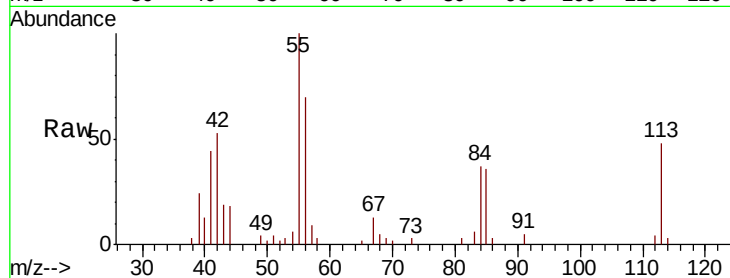




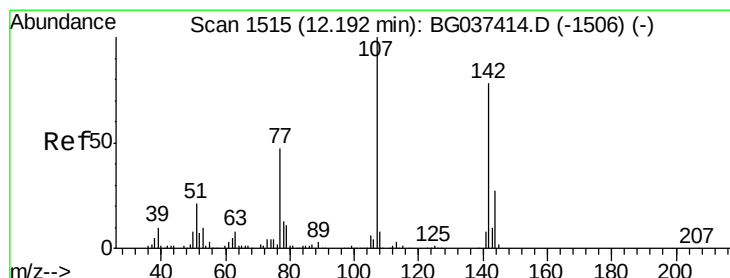
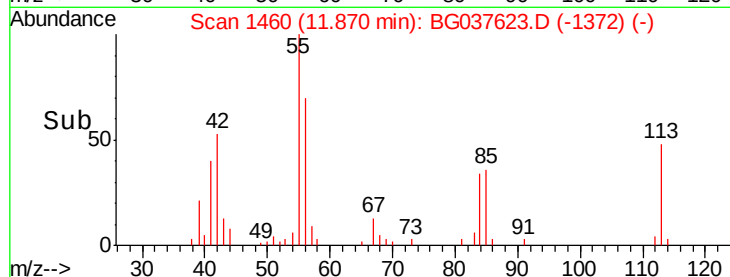
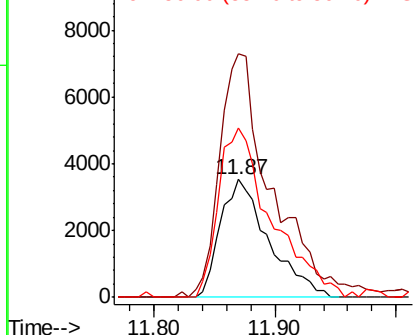
#35
 Caprolactam
 Concen: 5.949 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

Tot Ion:113 Resp: 9753
 Ion Ratio Lower Upper
 113 100
 55 206.8 176.6 216.6
 56 143.9 128.3 168.3

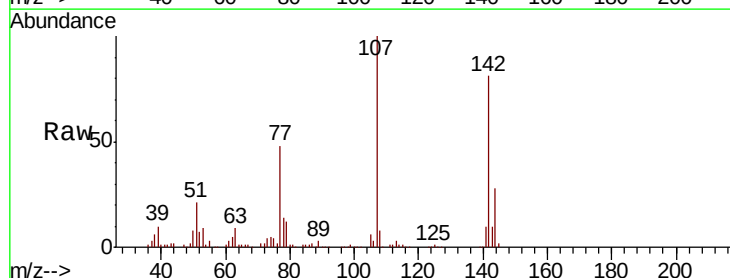


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

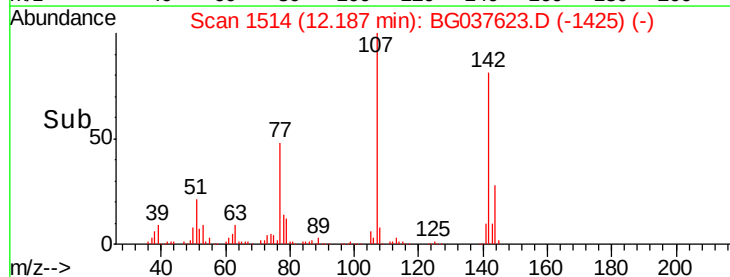
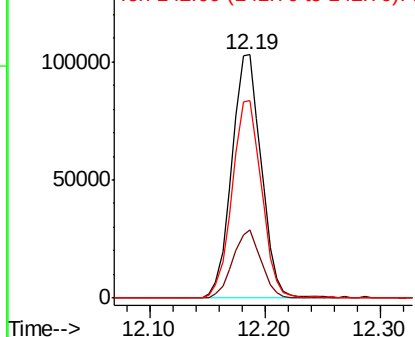


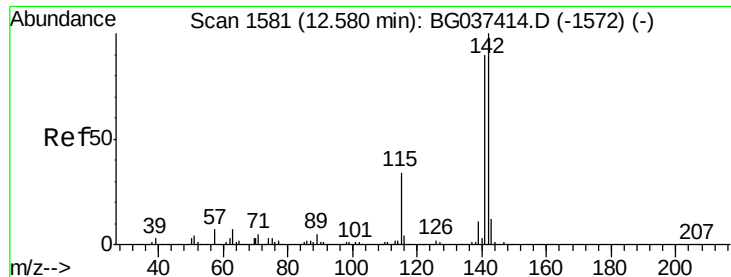
#36
 4-Chloro-3-methylphenol
 Concen: 39.621 ng
 RT: 12.19 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Tgt Ion:107 Resp: 182652
 Ion Ratio Lower Upper
 107 100
 144 27.9 20.7 31.1
 142 81.4 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

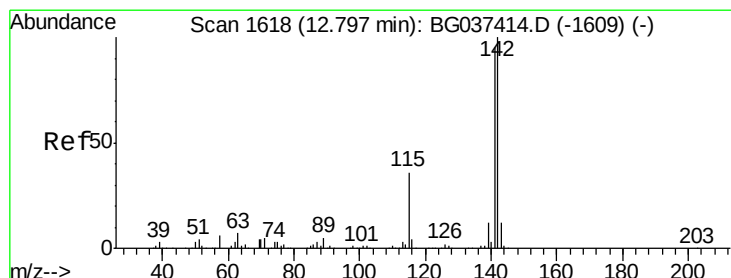
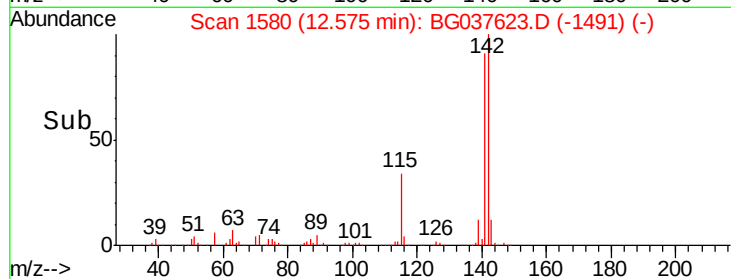
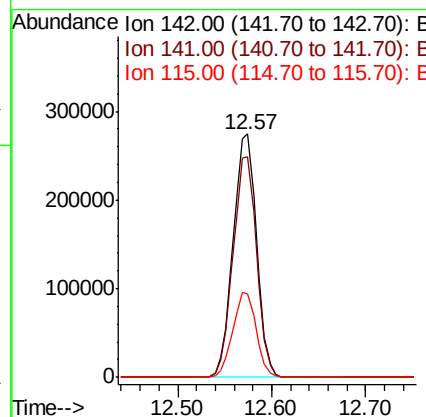
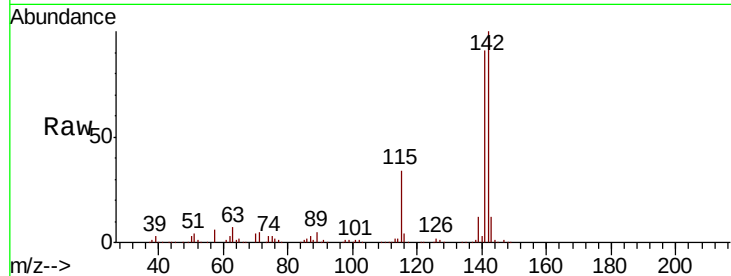




#37
2-Methylnaphthalene
Concen: 53.919 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

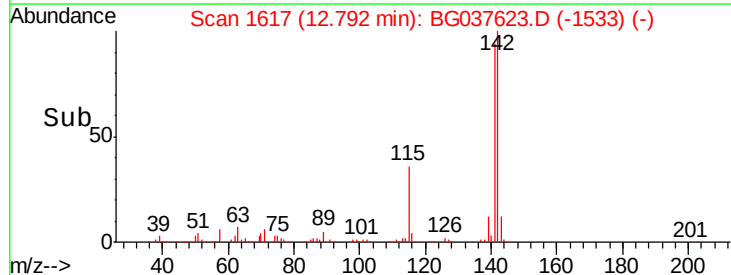
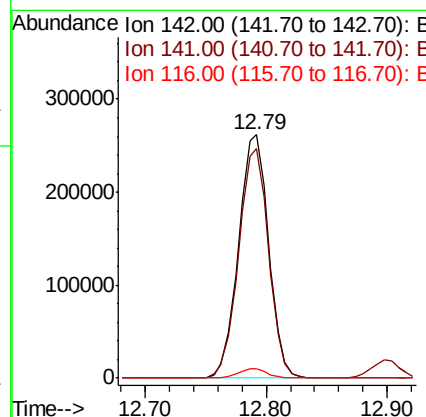
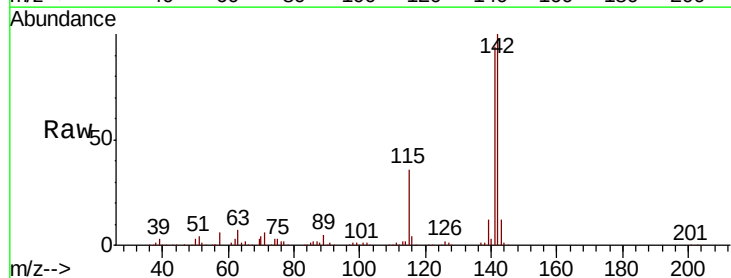
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

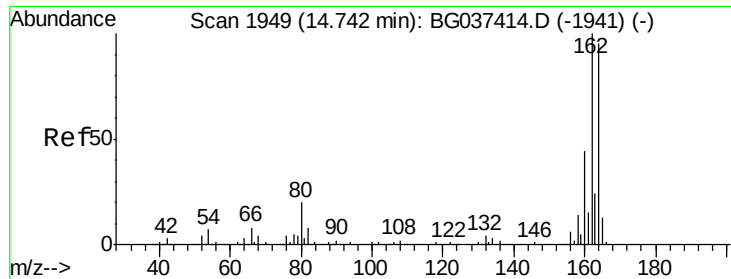
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	34.4	27.8	41.8



#38
1-Methylnaphthalene
Concen: 52.972 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.2	112.8
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

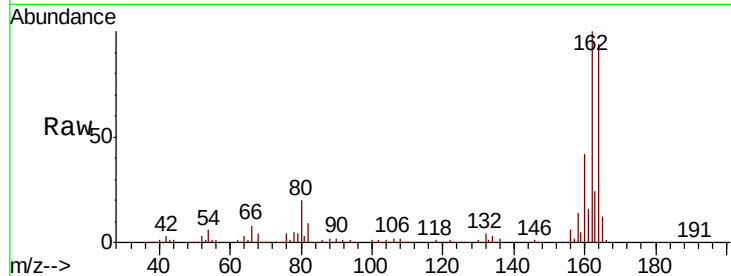
Tot Ion:164 Resp: 163525

Ion Ratio Lower Upper

164 100

162 106.8 81.3 121.9

160 45.3 36.3 54.5

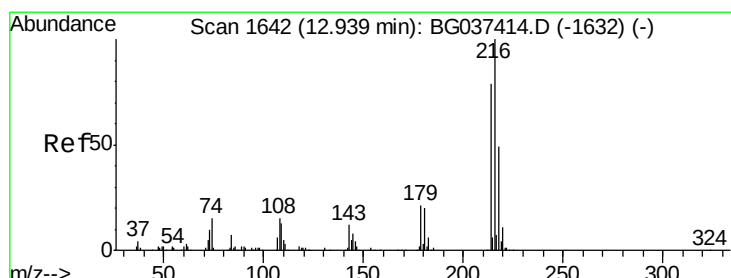
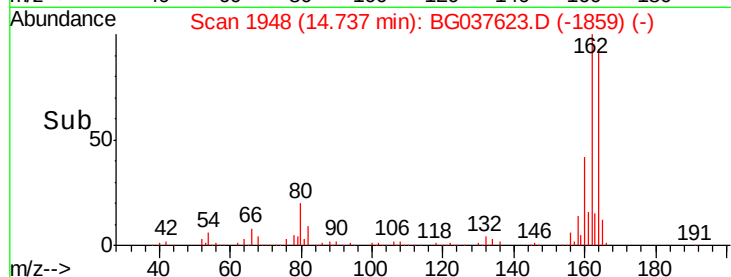
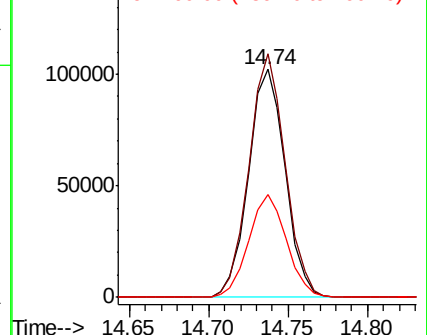


Abundance

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: 45.822 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Tgt Ion:216 Resp: 241691

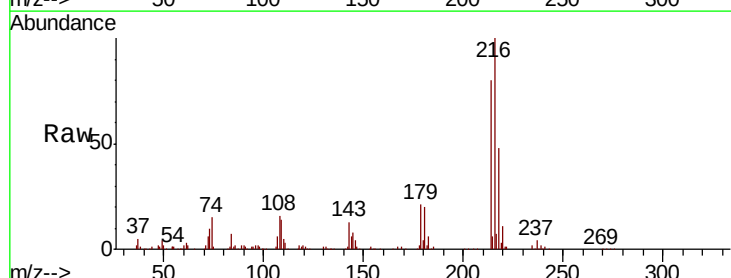
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.2 17.4 26.0

108 19.2 13.9 20.9



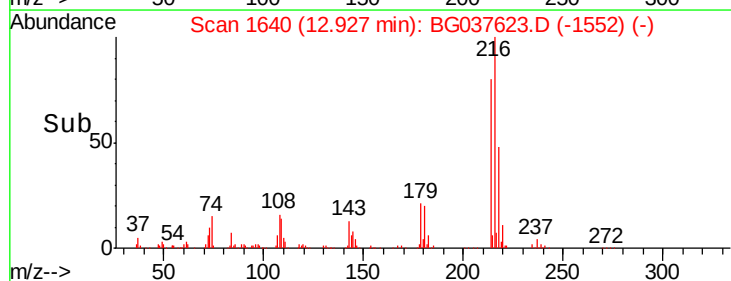
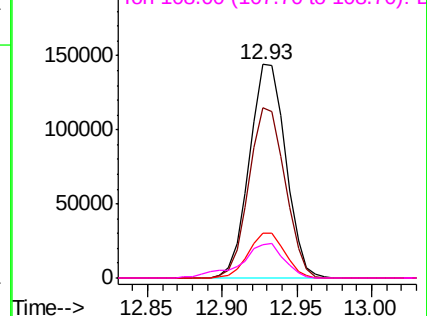
Abundance

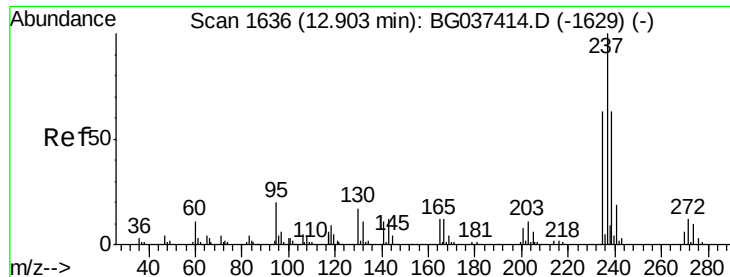
Ion 216.00 (215.70 to 216.70): E

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: 108.160 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

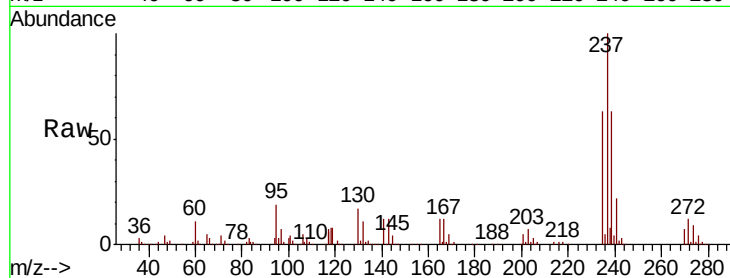
Tot Ion:237 Resp: 272512

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.5	82.5
272	12.2	0.0	31.6

237 100

235 62.9 42.5 82.5

272 12.2 0.0 31.6

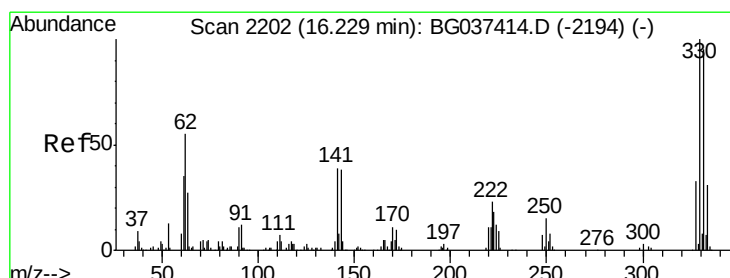
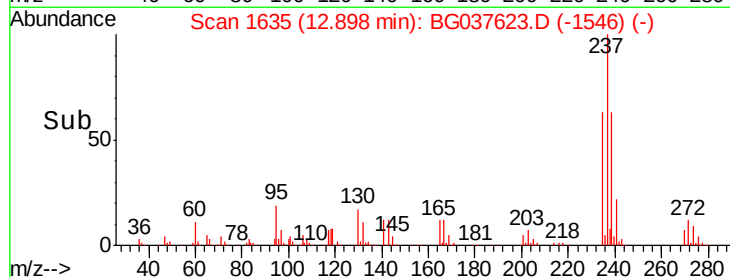
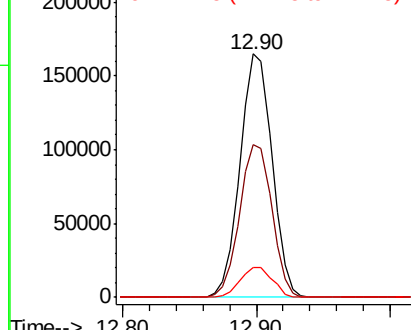


Abundance

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: 116.358 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

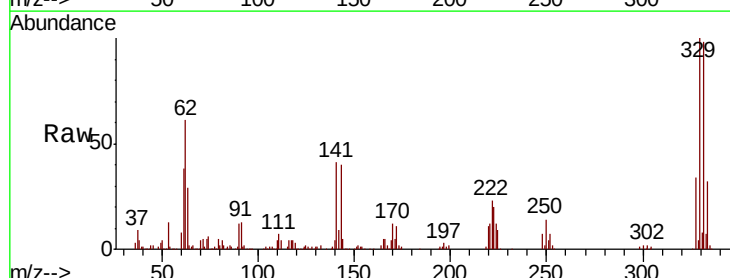
Tgt Ion:330 Resp: 207530

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	39.8	32.2	48.2

330 100

332 96.8 78.4 117.6

141 39.8 32.2 48.2

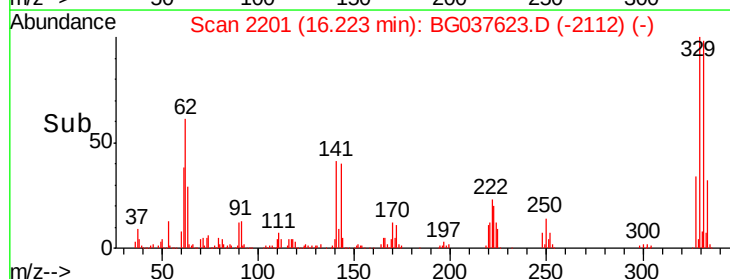
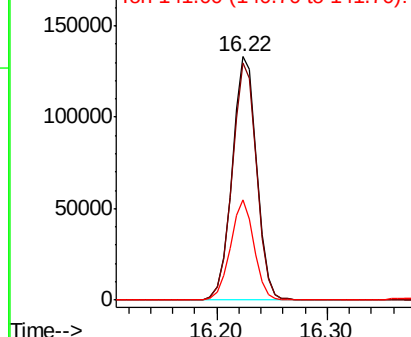


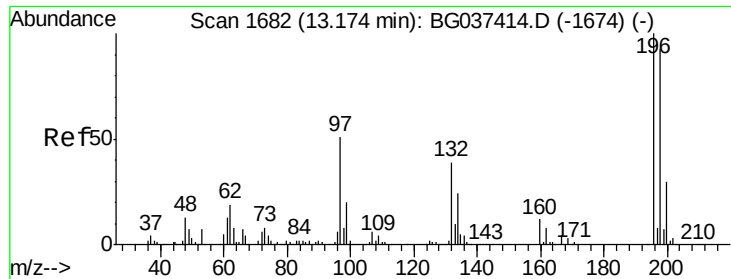
Abundance

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

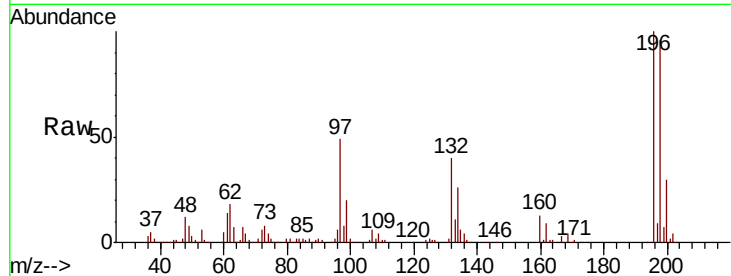




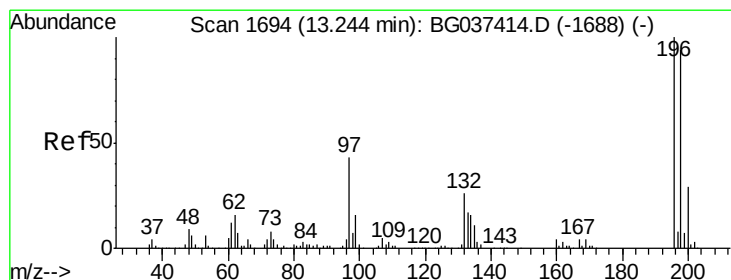
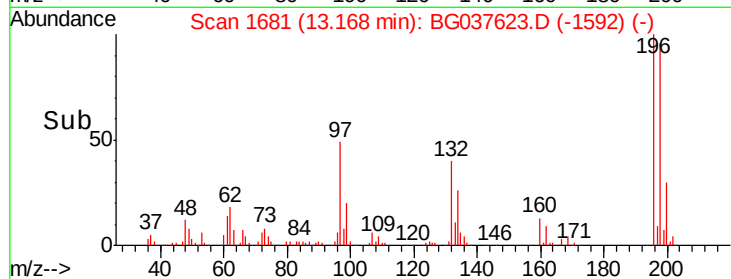
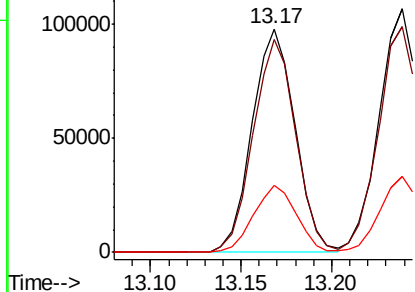
#43
 2,4,6-Trichlorophenol
 Concen: 45.577 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

Tot Ion:196 Resp: 160607
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.4 114.6
 200 30.1 24.9 37.3

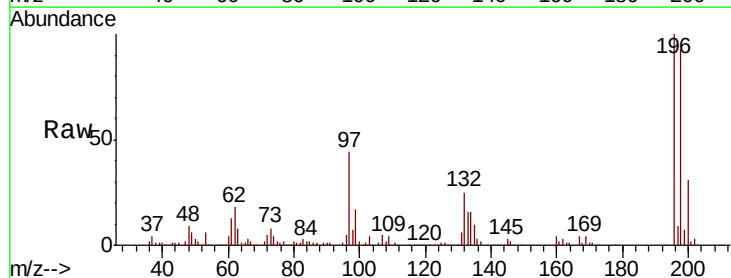


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

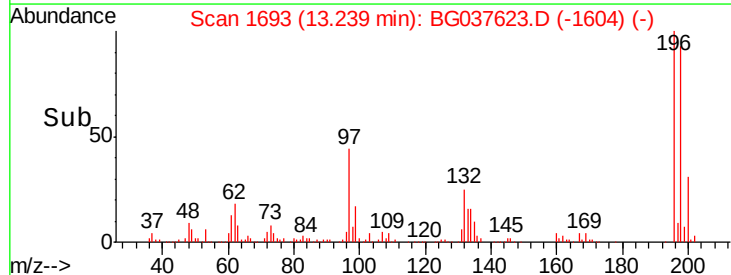
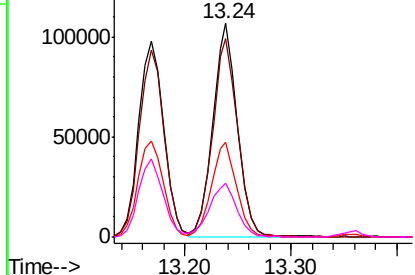


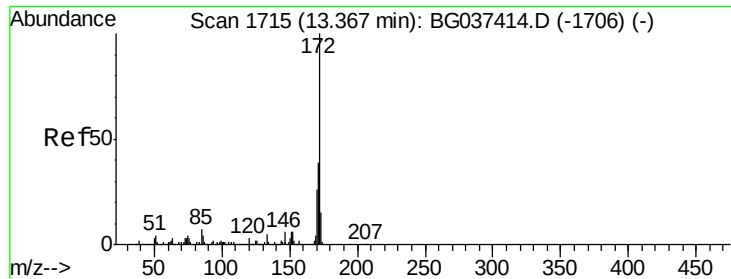
#44
 2,4,5-Trichlorophenol
 Concen: 45.193 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Tgt Ion:196 Resp: 173389
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.2 111.2
 97 44.3 34.1 51.1
 132 25.5 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

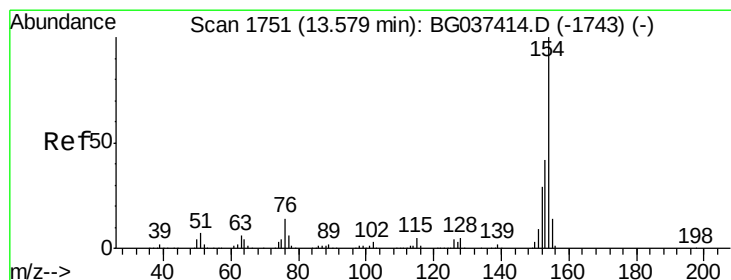
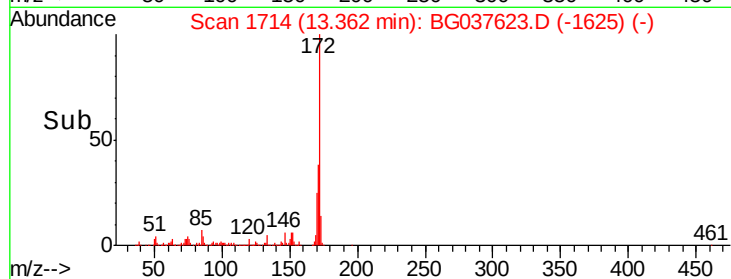
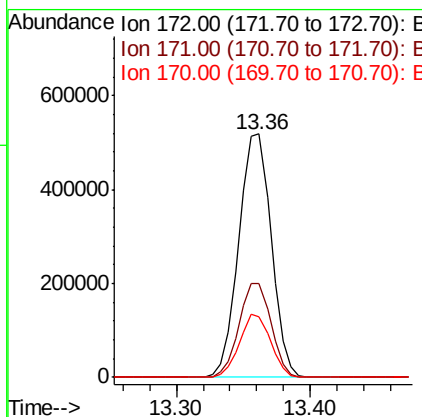
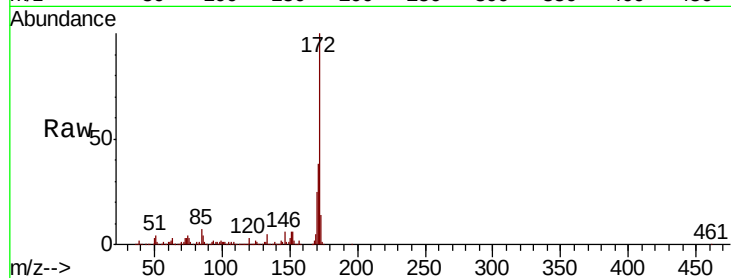




#45
2-Fluorobiphenyl
Concen: 80.366 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

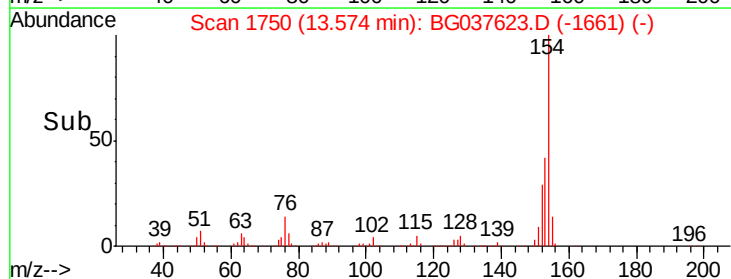
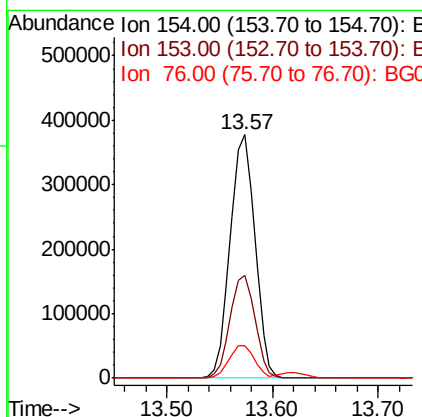
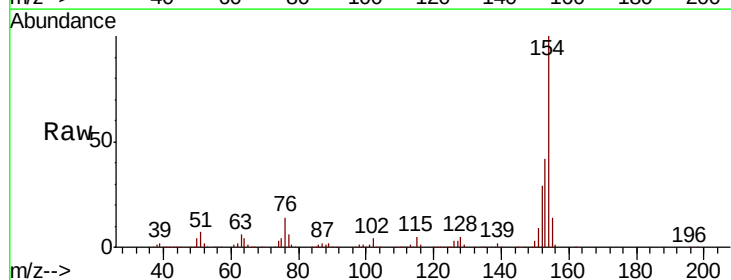
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

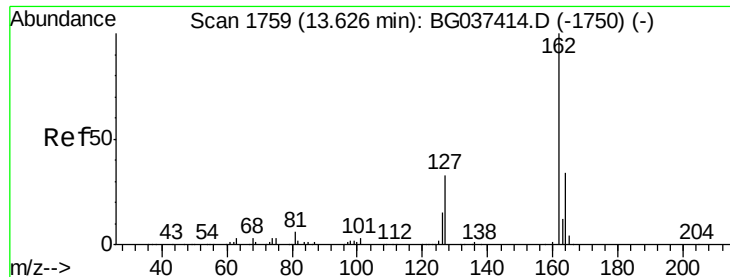
Tot Ion:172 Resp: 871503
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.0 20.2 30.2



#46
1,1'-Biphenyl
Concen: 45.192 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:154 Resp: 612021
Ion Ratio Lower Upper
154 100
153 42.4 22.1 62.1
76 13.6 0.0 33.2

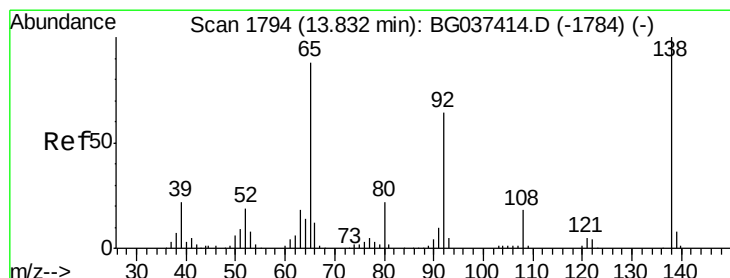
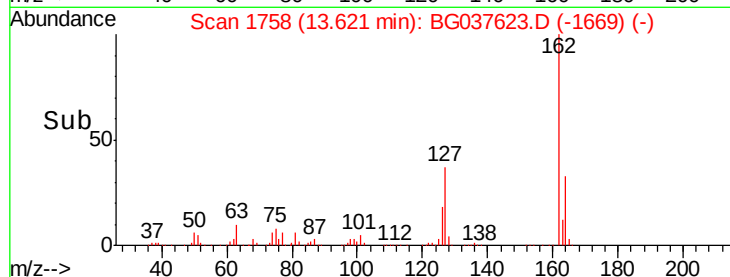
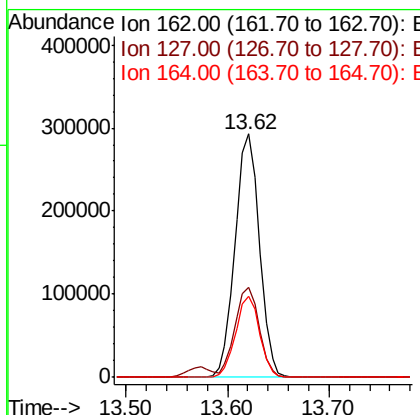
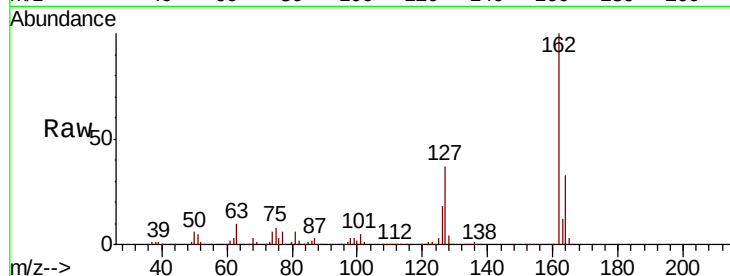




#47
 2-Chloronaphthalene
 Concen: 47.792 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

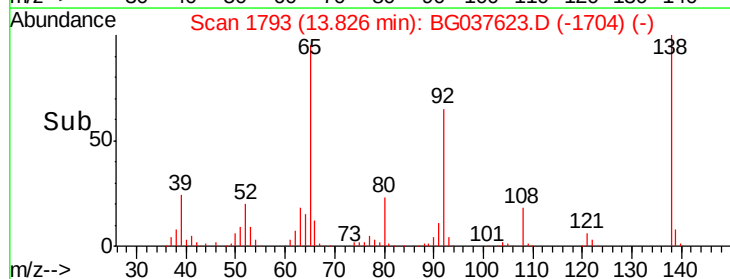
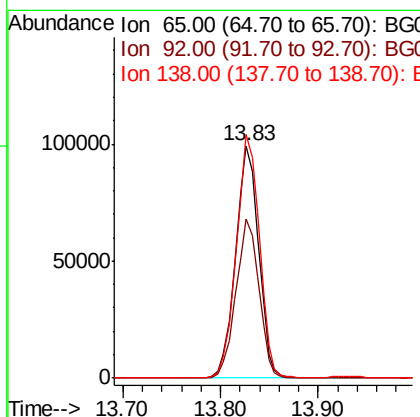
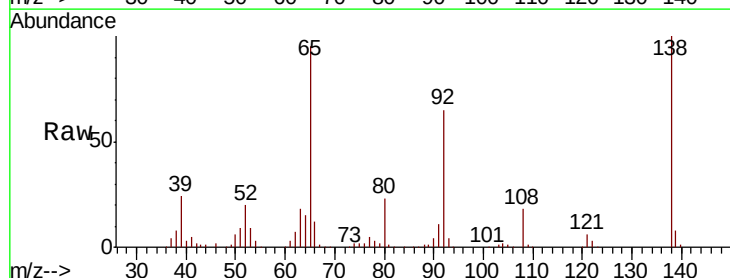
Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

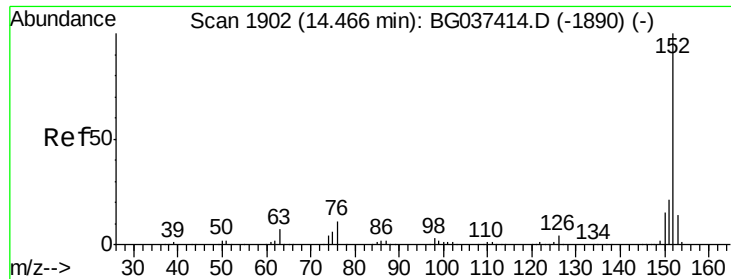
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.5	45.7
164	33.2	26.4	39.6



#48
 2-Nitroaniline
 Concen: 52.493 ng
 RT: 13.83 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.2	79.8
138	104.9	79.3	118.9





#49

Acenaphthylene

Concen: 52.671 ng

RT: 14.47 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

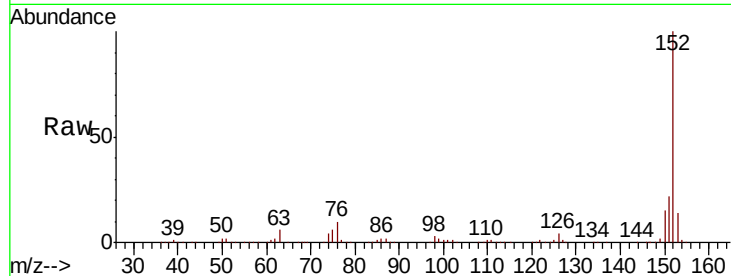
Tot Ion:152 Resp: 811774

Ion Ratio Lower Upper

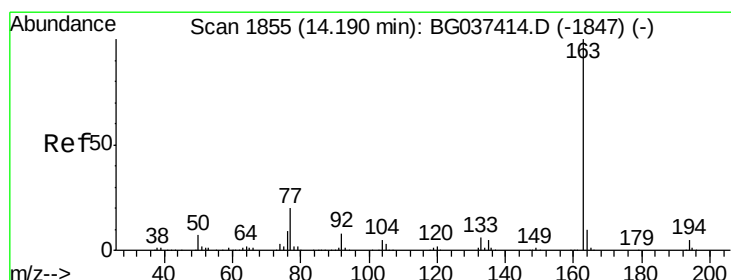
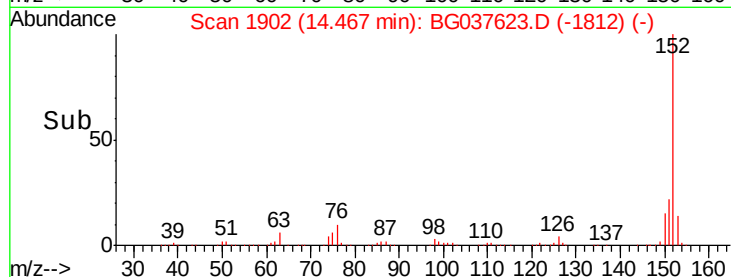
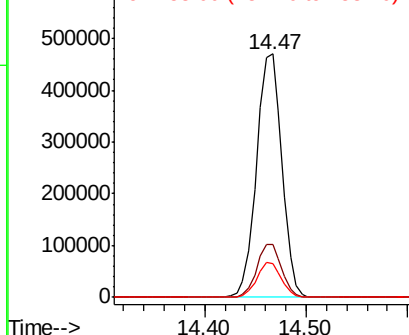
152 100

151 21.8 17.1 25.7

153 13.7 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: 51.654 ng

RT: 14.19 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

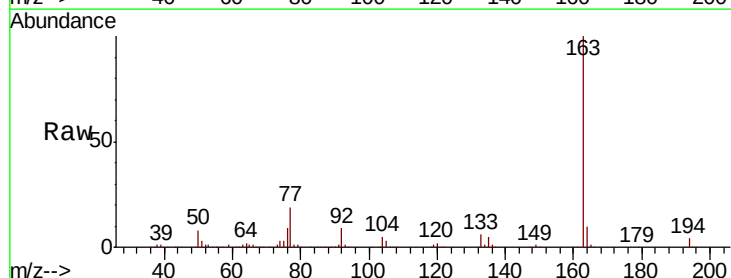
Tgt Ion:163 Resp: 653457

Ion Ratio Lower Upper

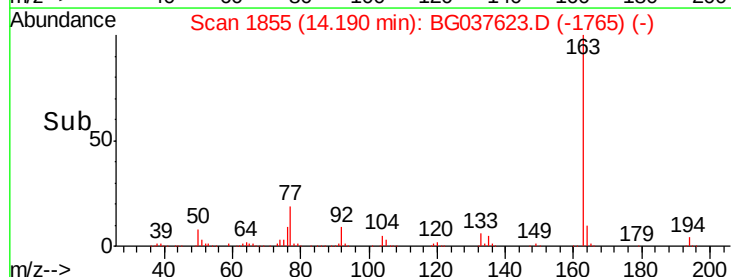
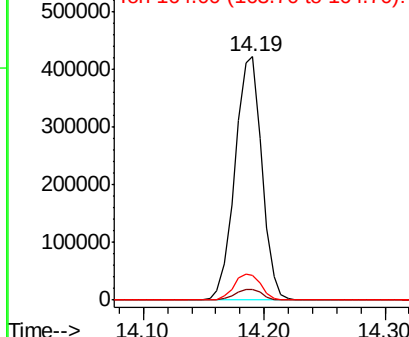
163 100

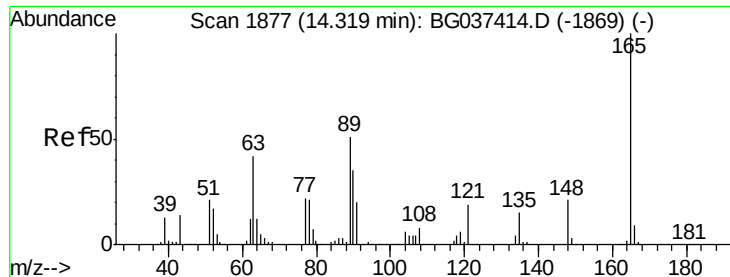
194 4.5 3.5 5.3

164 10.1 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: 51.347 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

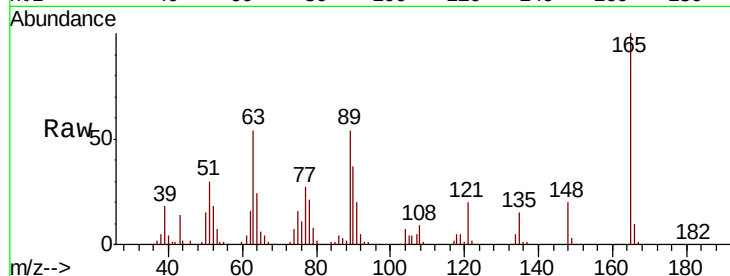
Tot Ion:165 Resp: 143699

Ion Ratio Lower Upper

165 100

63 53.7 43.4 65.2

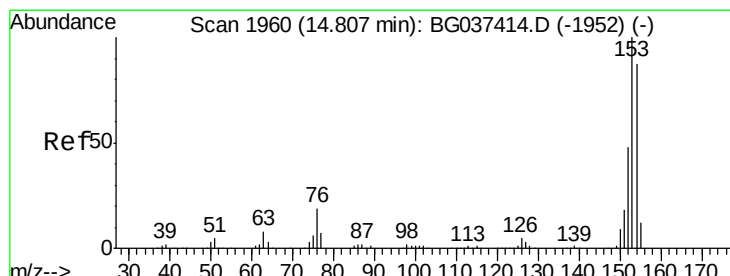
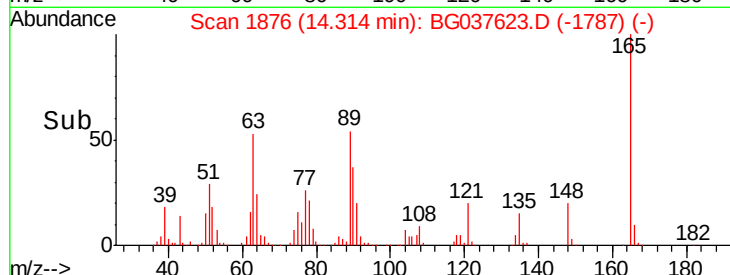
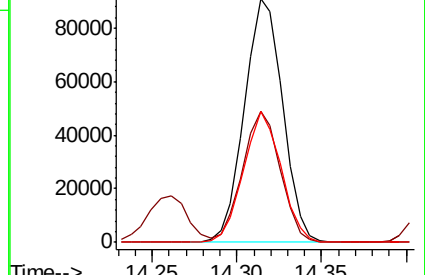
89 53.9 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 49.060 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

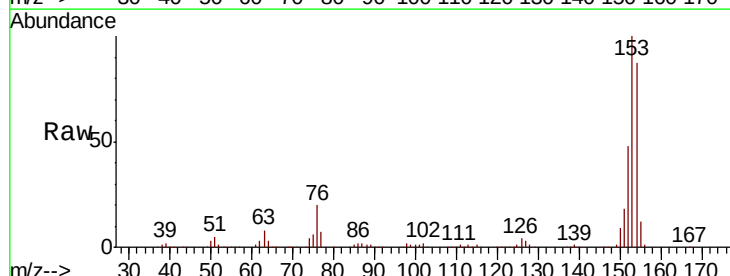
Tgt Ion:154 Resp: 465675

Ion Ratio Lower Upper

154 100

153 114.8 93.4 140.0

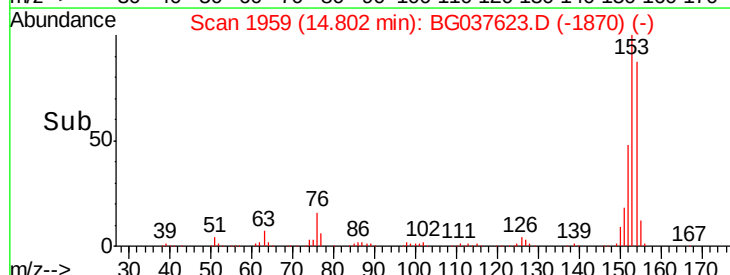
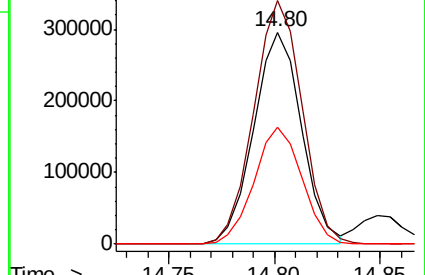
152 55.2 44.7 67.1

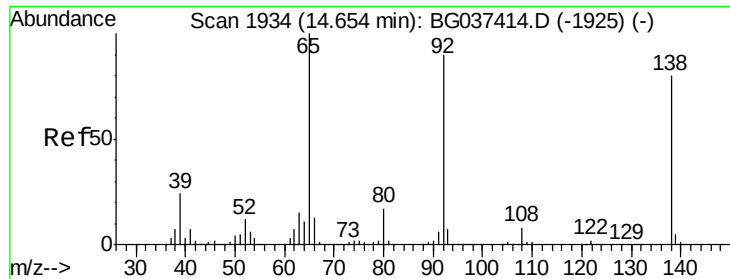


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.635 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

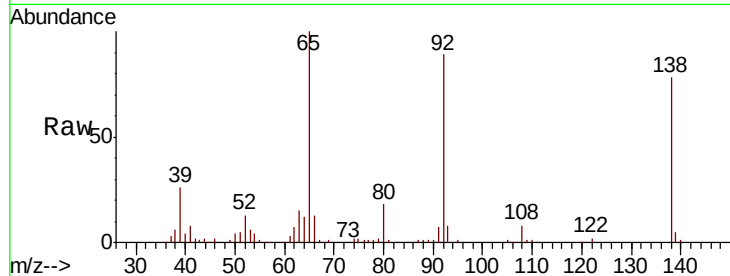
Tot Ion:138 Resp: 76537

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

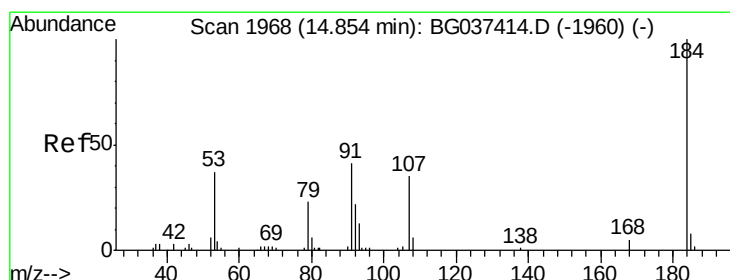
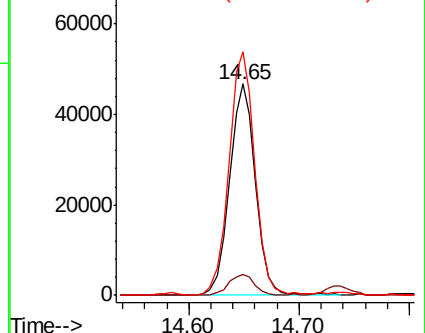
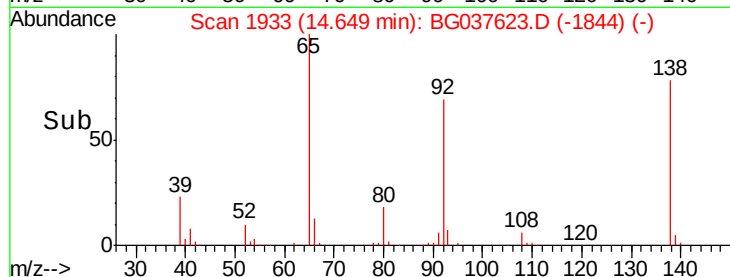
92 115.2 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 89.457 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

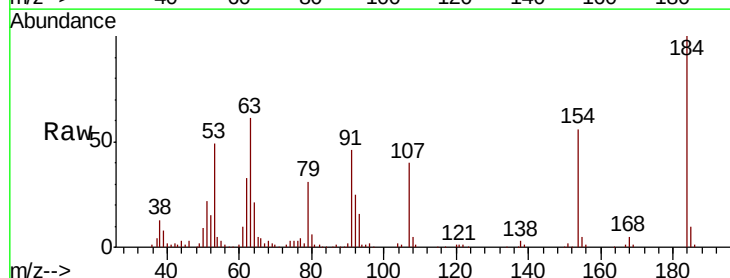
Tgt Ion:184 Resp: 119749

Ion Ratio Lower Upper

184 100

63 60.7 42.6 63.8

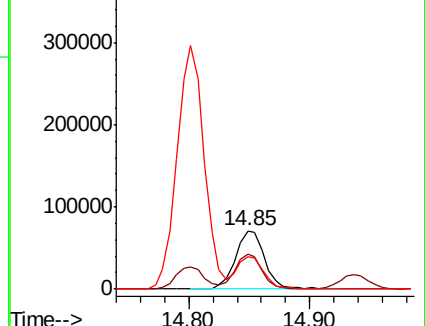
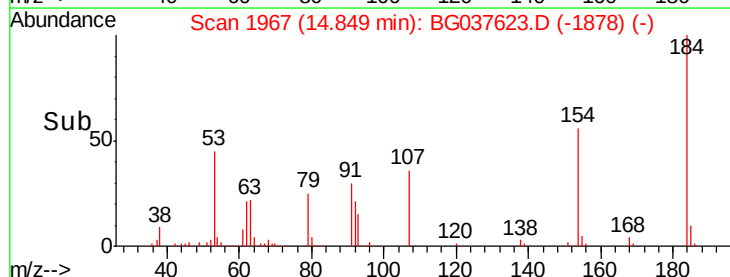
154 56.4 41.8 62.6

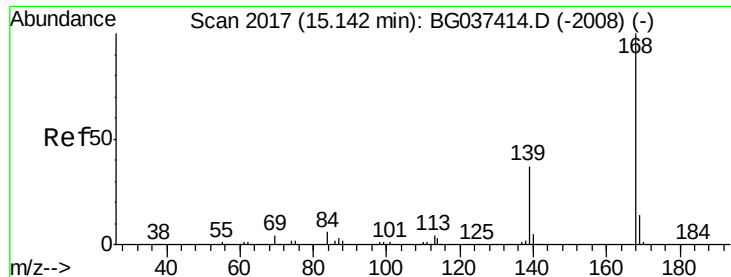


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

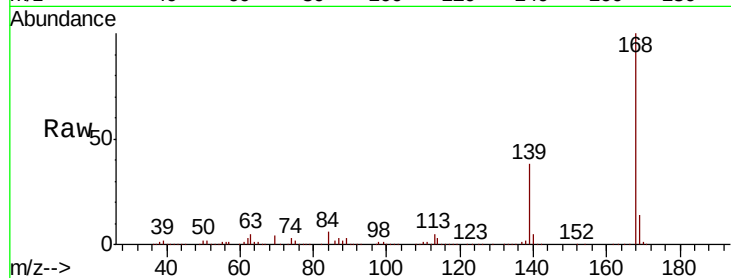




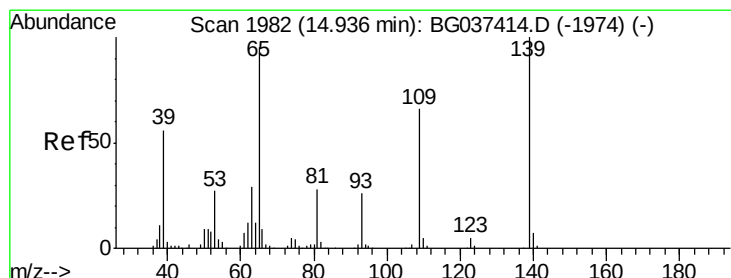
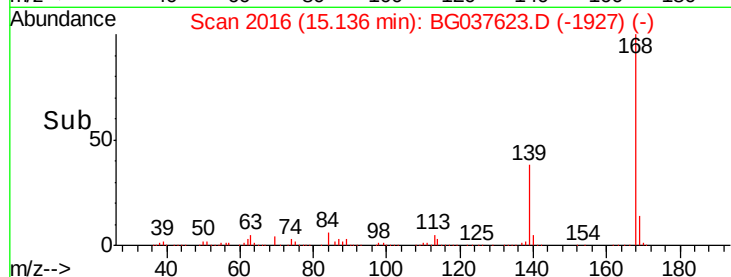
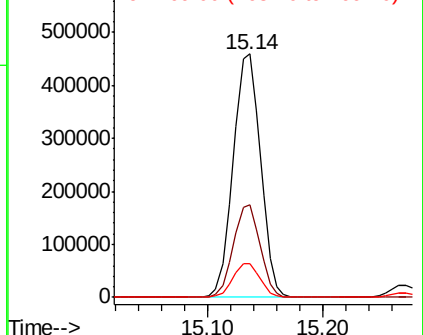
#55
Dibenzofuran
Concen: 47.988 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion:168 Resp: 754684
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0
169 14.1 11.0 16.6

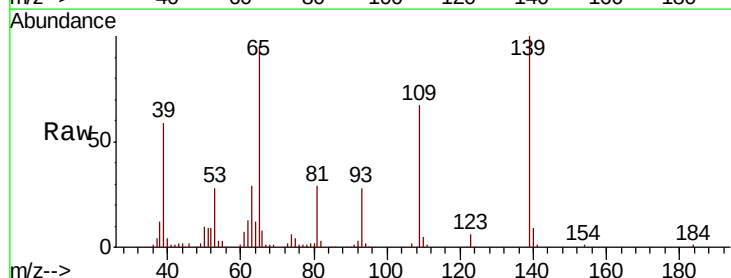


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

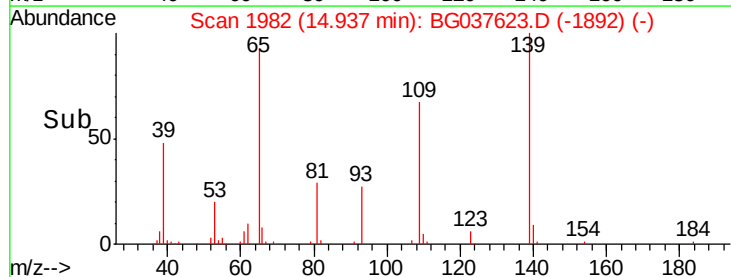
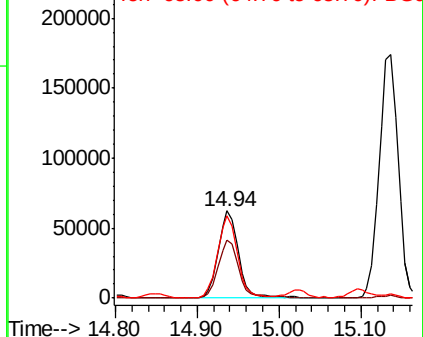


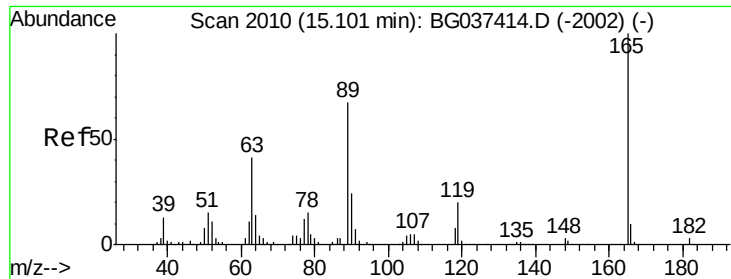
#56
4-Nitrophenol
Concen: 47.240 ng
RT: 14.94 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:139 Resp: 108635
Ion Ratio Lower Upper
139 100
109 66.7 49.5 89.5
65 95.0 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

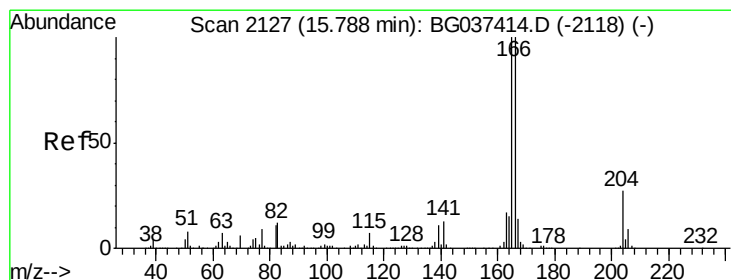
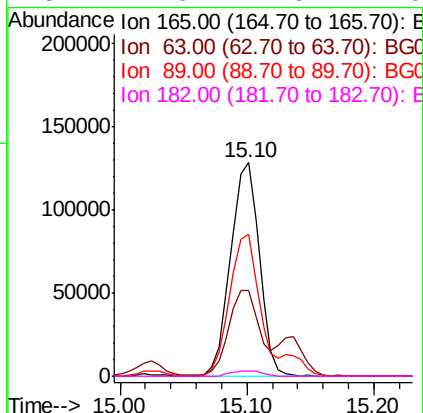
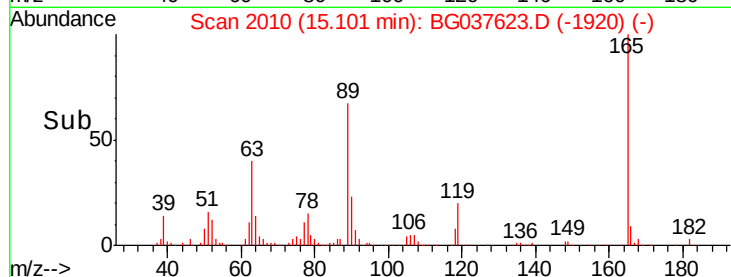
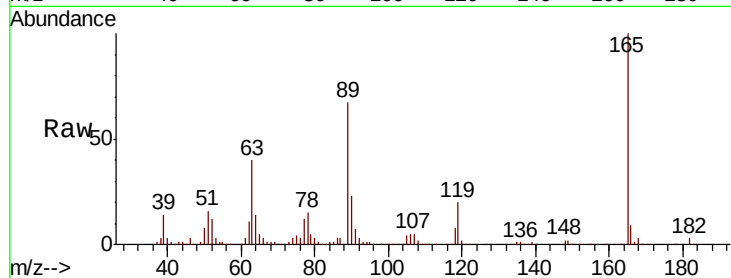




#57
2,4-Dinitrotoluene
Concen: 54.680 ng
RT: 15.10 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

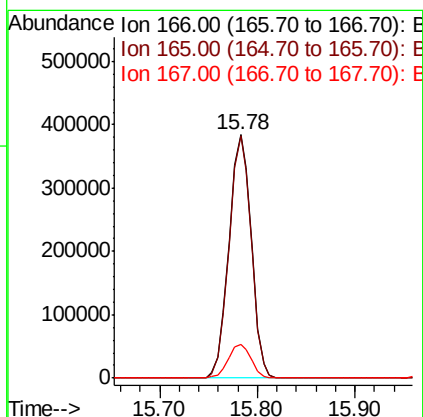
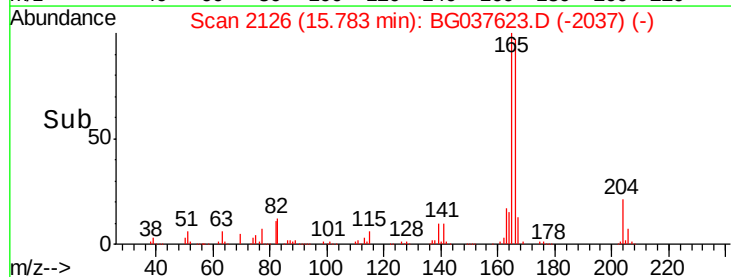
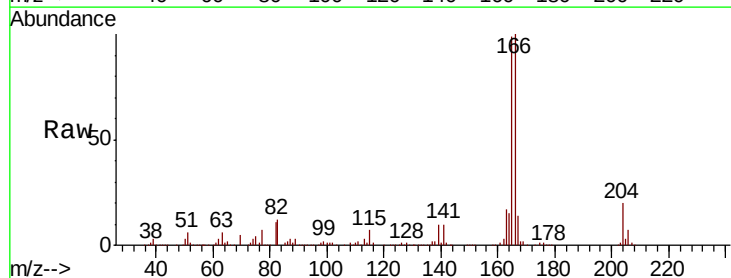
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

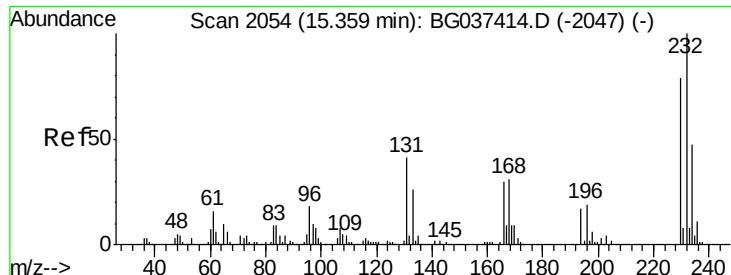
Tot Ion:165	Resp:	200872
Ion Ratio	Lower	Upper
165	100	
63	40.4	33.4 50.0
89	66.7	57.2 85.8
182	2.6	2.6 4.0#



#58
Fluorene
Concen: 51.784 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:166	Resp:	609846
Ion Ratio	Lower	Upper
166	100	
165	99.4	79.0 118.6
167	14.0	11.3 16.9

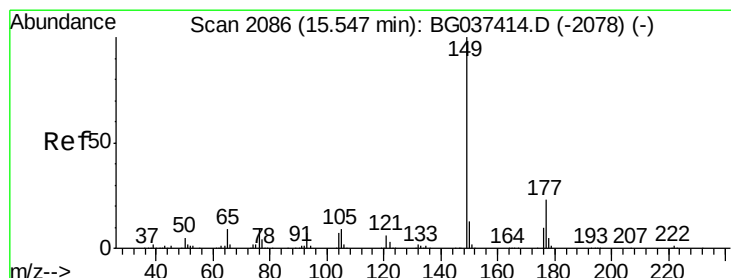
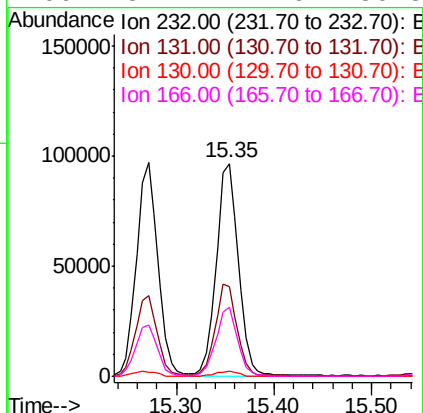
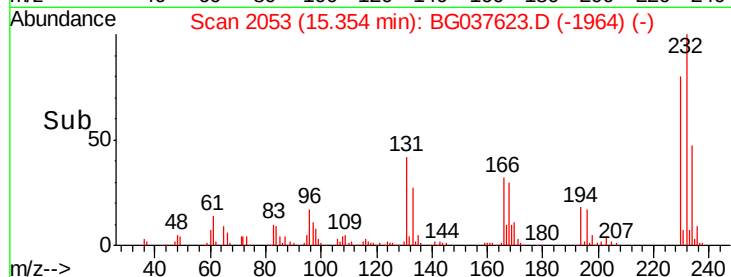
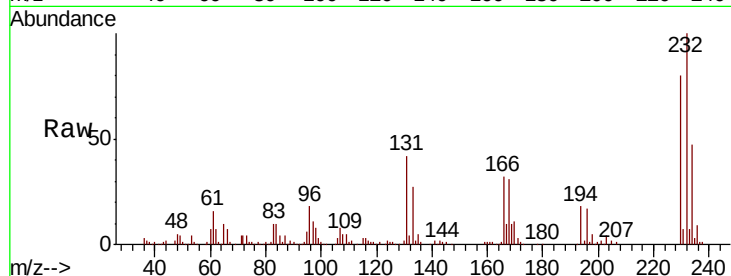




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.693 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

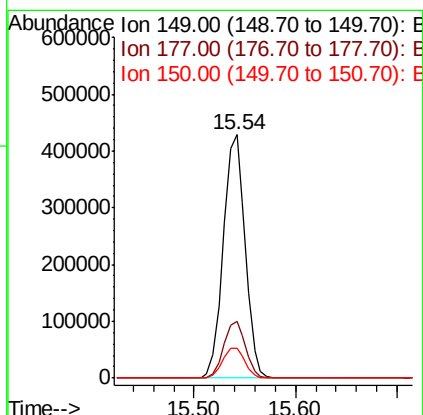
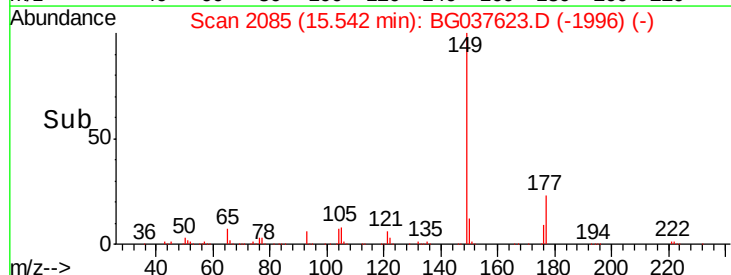
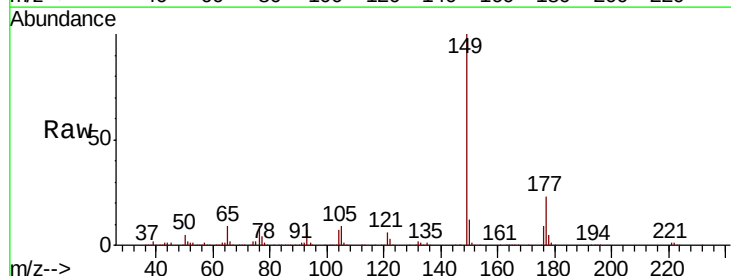
Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

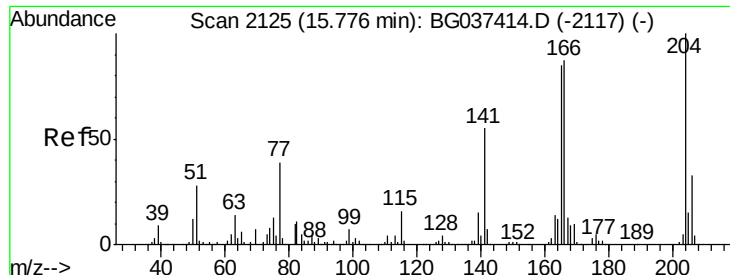
Tot Ion:232 Resp: 153383
 Ion Ratio Lower Upper
 232 100
 131 42.5 33.7 50.5
 130 2.3 2.1 3.1
 166 31.1 24.6 36.8



#60
 Diethylphthalate
 Concen: 49.179 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Tgt Ion:149 Resp: 638727
 Ion Ratio Lower Upper
 149 100
 177 23.4 18.3 27.5
 150 12.3 10.0 15.0

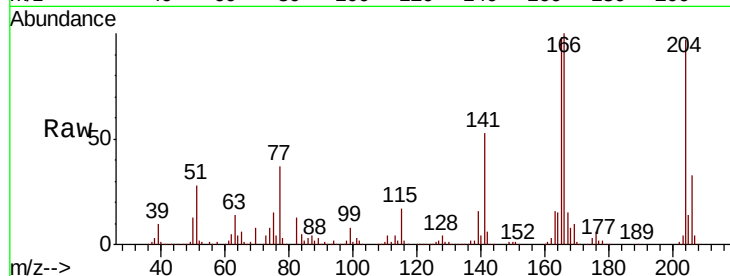




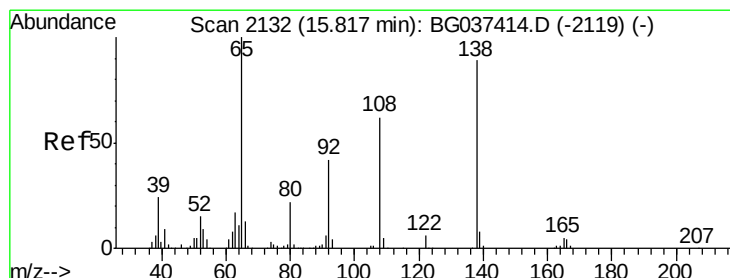
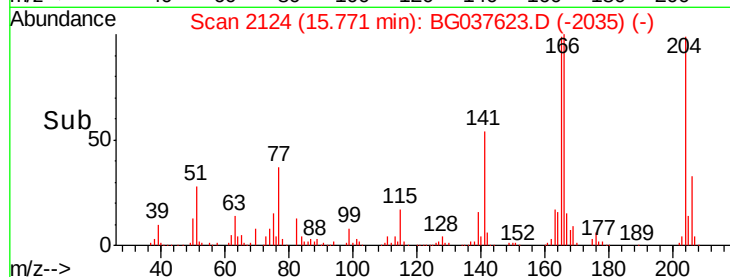
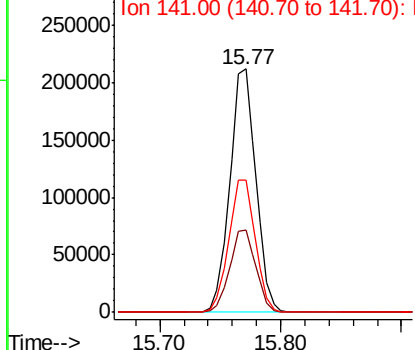
#61
4-Chlorophenyl-phenylether
Concen: 46.316 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion:204 Resp: 317925
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 54.4 45.4 68.2

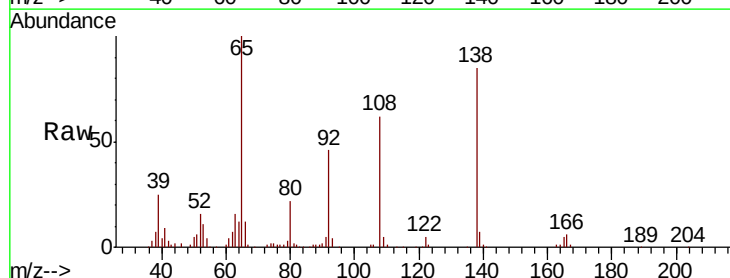


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

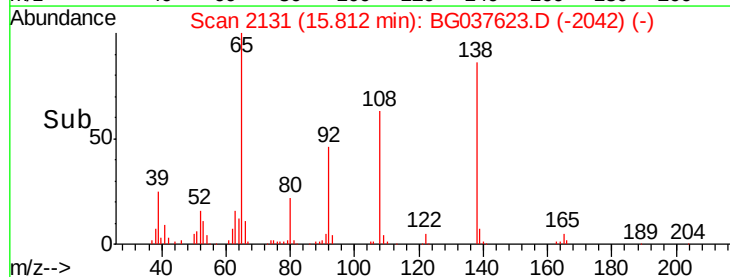
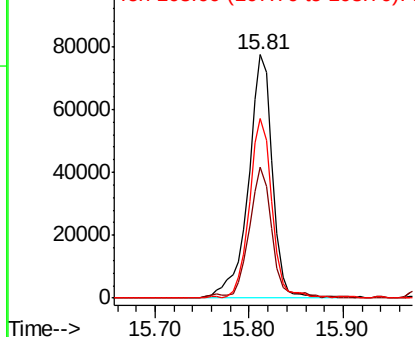


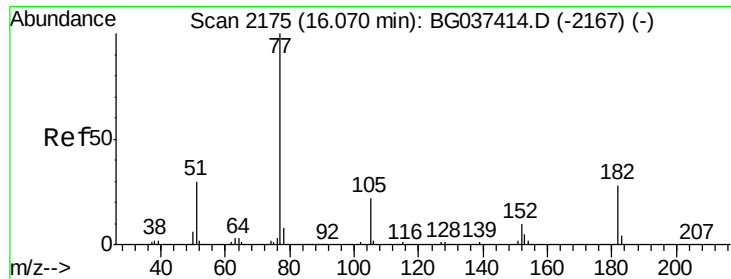
#62
4-Nitroaniline
Concen: 44.171 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:138 Resp: 136361
Ion Ratio Lower Upper
138 100
92 53.8 36.4 76.4
108 73.6 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

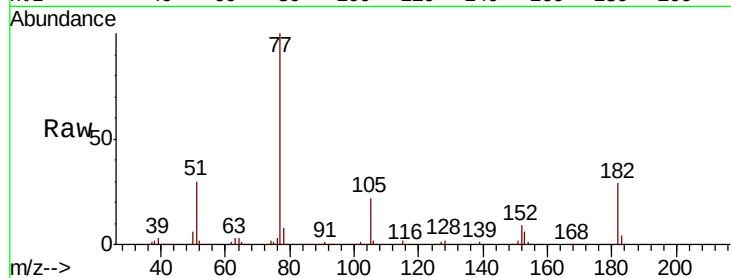




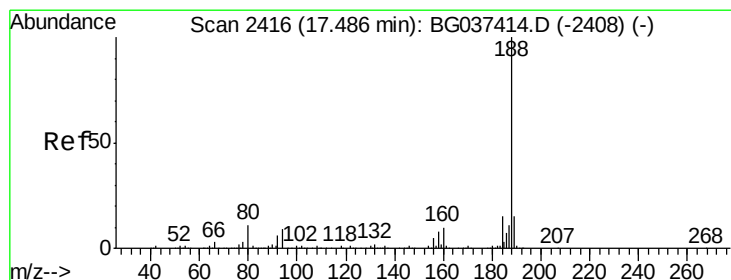
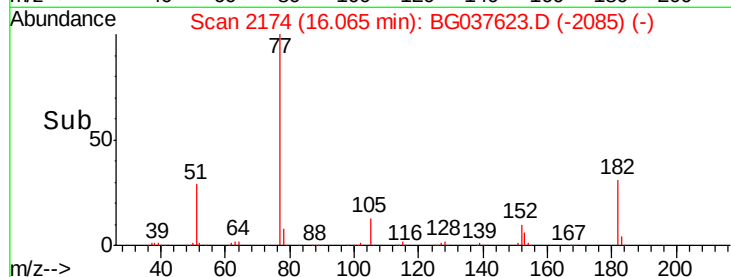
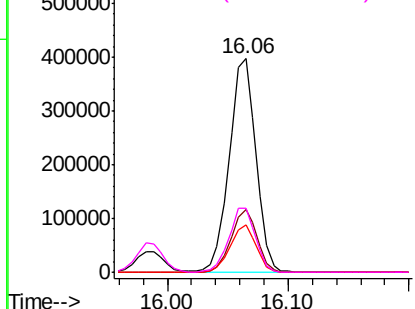
#63
Azobenzene
Concen: 49.288 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion: 77 Resp: 610770
Ion Ratio Lower Upper
77 100
182 29.3 8.0 48.0
105 22.0 1.3 41.3
51 30.1 10.7 50.7

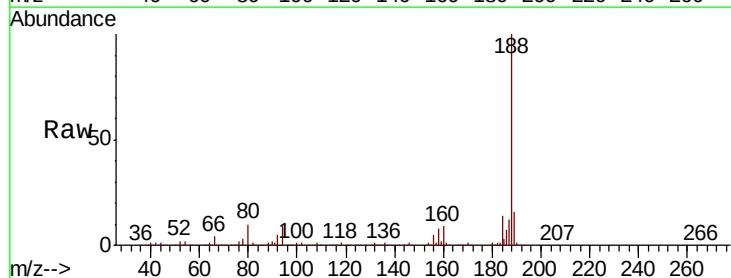


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

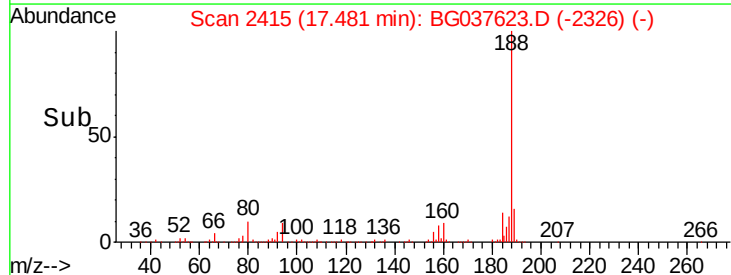
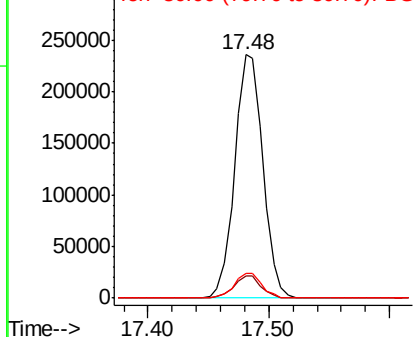


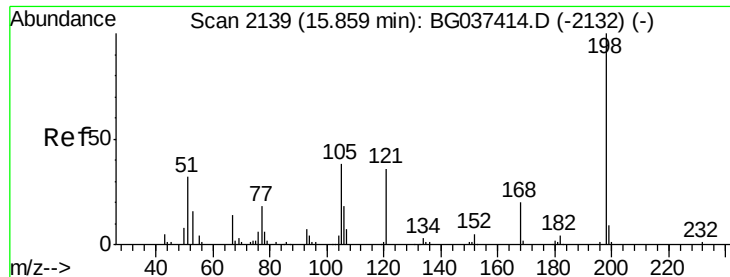
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion: 188 Resp: 381770
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.2 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

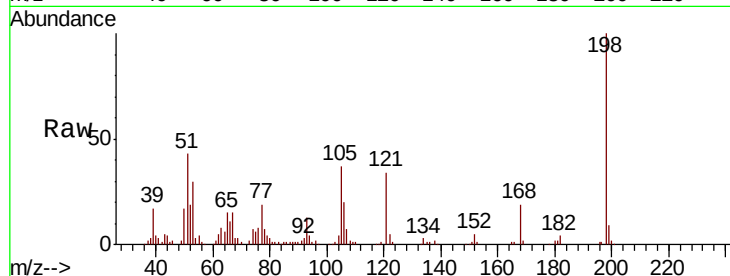




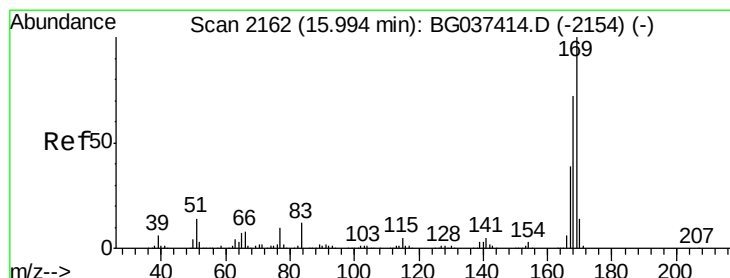
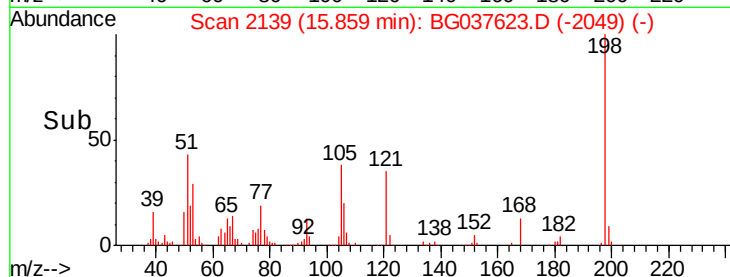
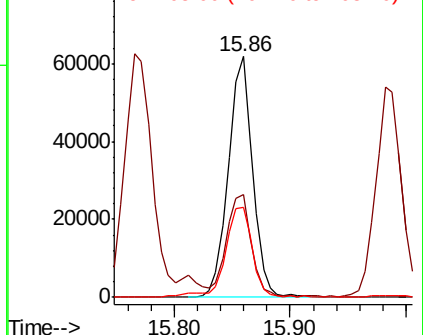
#65
4,6-Dinitro-2-methylphenol
Concen: 45.521 ng
RT: 15.86 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.9	22.7	62.7
105	37.2	19.7	59.7

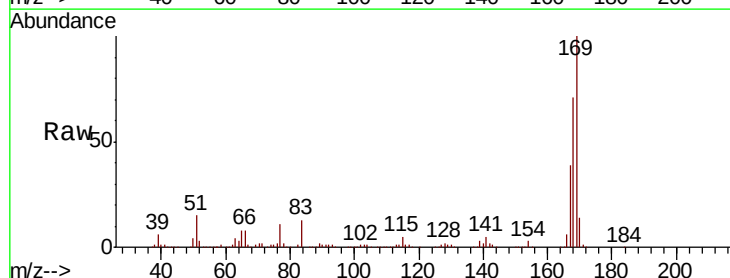


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

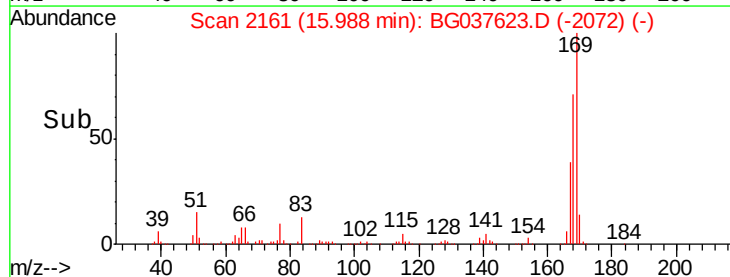
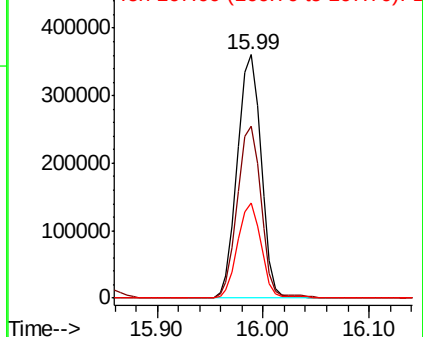


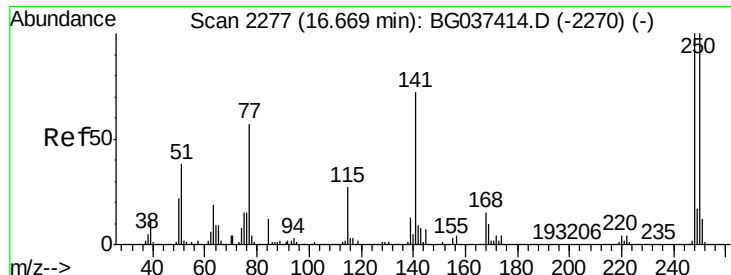
#66
n-Nitrosodiphenylamine
Concen: 48.740 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.7	83.5
167	39.1	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

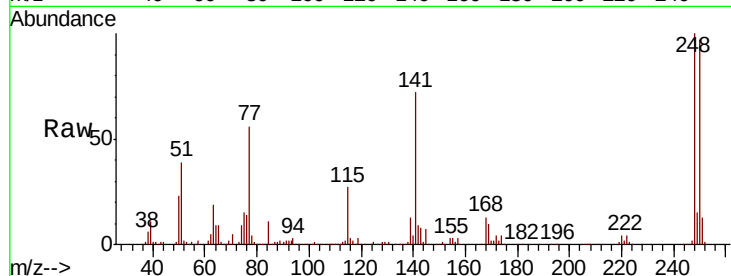




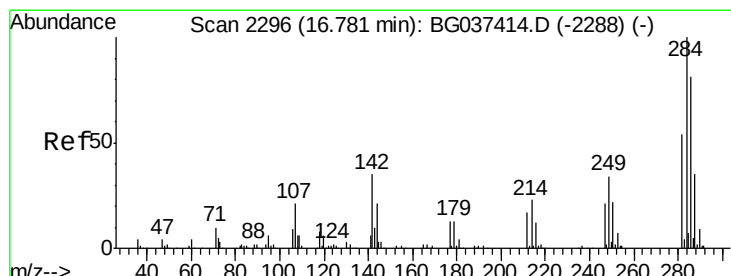
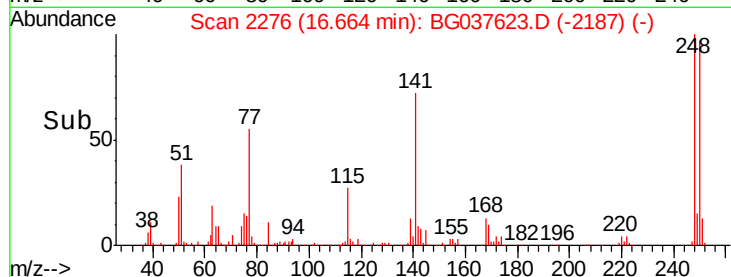
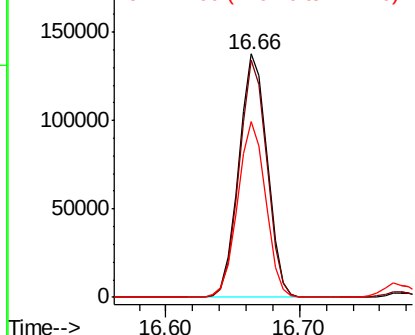
#67
 4-Bromophenyl-phenylether
 Concen: 48.309 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

Tot Ion:248 Resp: 202535
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.0 115.6
 141 72.1 55.5 83.3

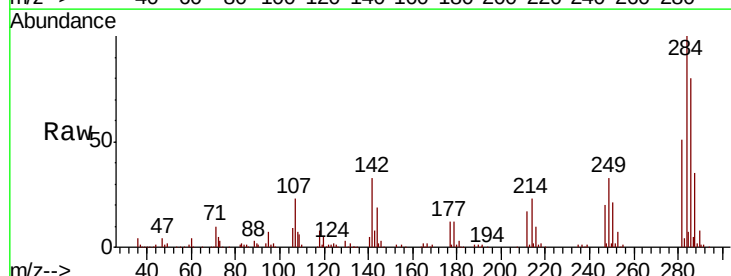


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

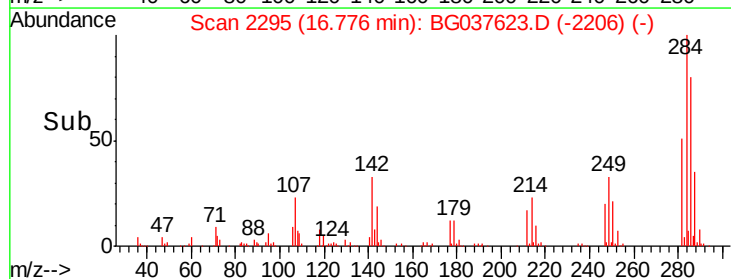
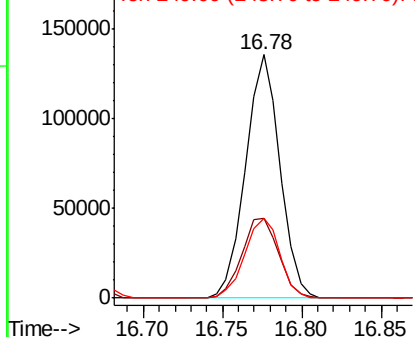


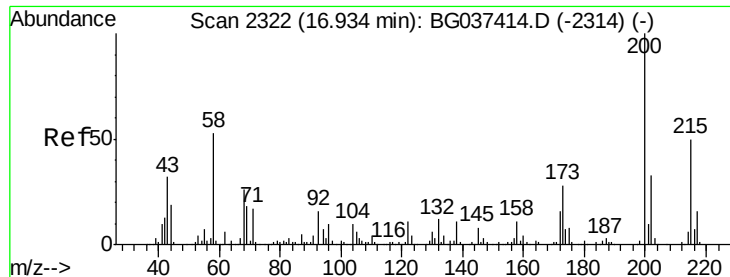
#68
 Hexachlorobenzene
 Concen: 46.697 ng
 RT: 16.78 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Tgt Ion:284 Resp: 202905
 Ion Ratio Lower Upper
 284 100
 142 32.7 28.1 42.1
 249 34.9 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

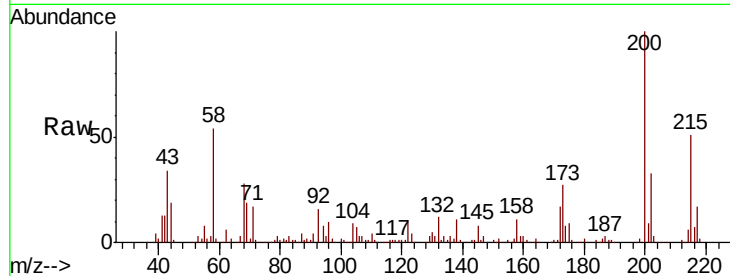




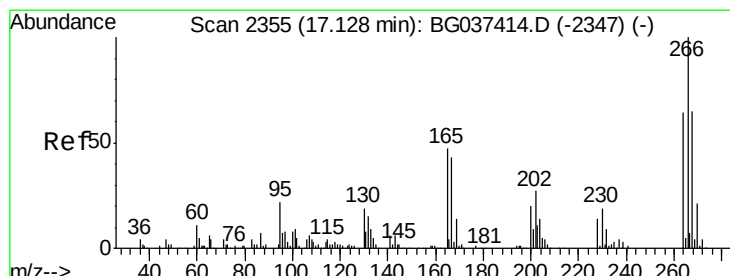
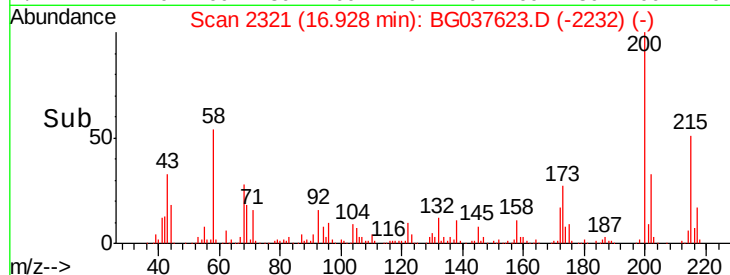
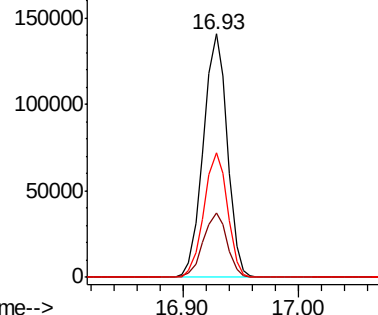
#69
 Atrazine
 Concen: 48.651 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-01MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.1	46.1
215	51.0	30.8	70.8

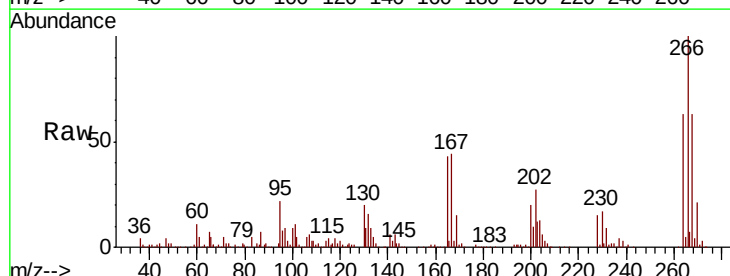


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

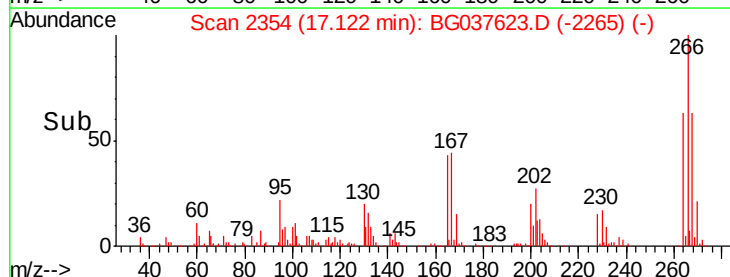
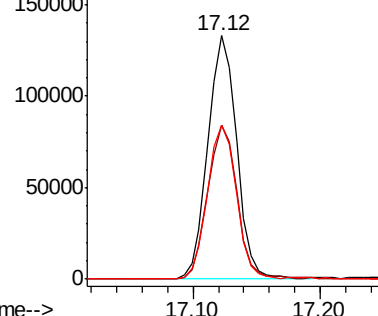


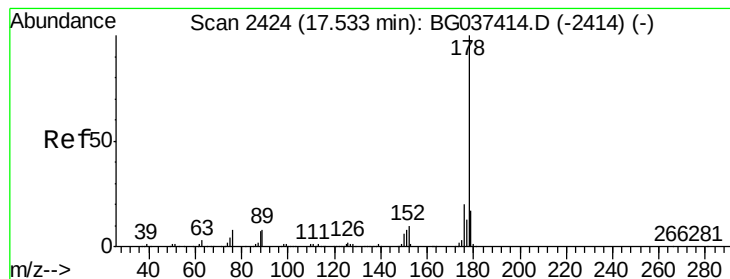
#70
 Pentachlorophenol
 Concen: 72.219 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037623.D
 Acq: 29 Oct 2018 15:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	55.0	82.6
264	68.7	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: 50.522 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

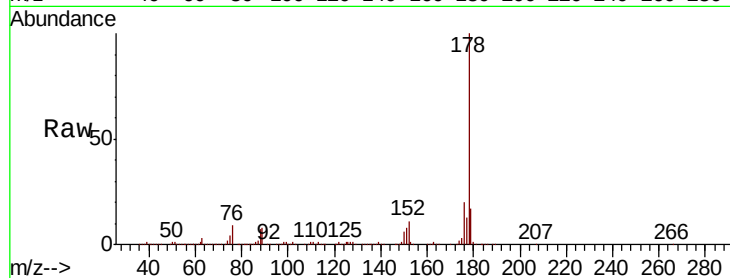
Tot Ion:178 Resp: 980271

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

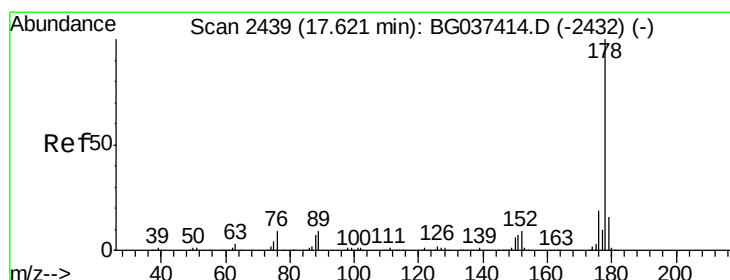
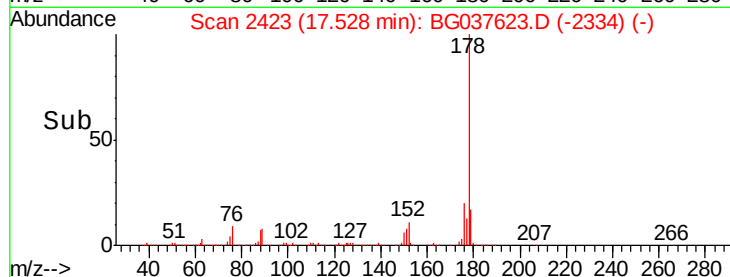
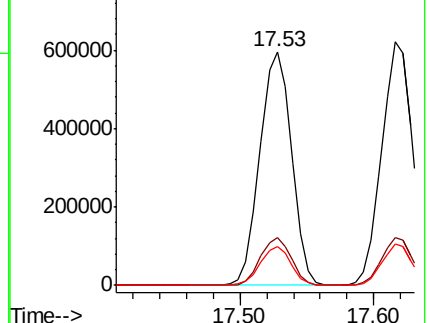
179 16.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.264 ng

RT: 17.62 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

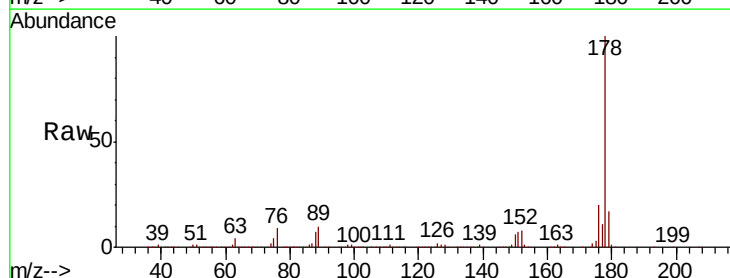
Tgt Ion:178 Resp: 995173

Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

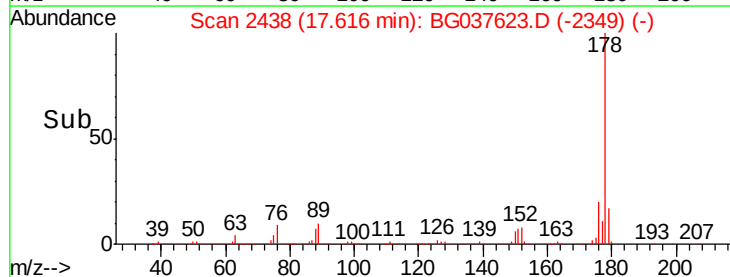
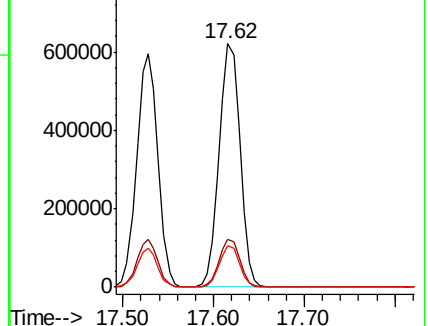
179 17.2 12.8 19.2

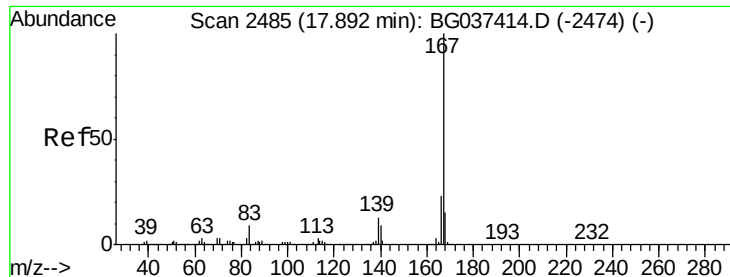


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.033 ng

RT: 17.89 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

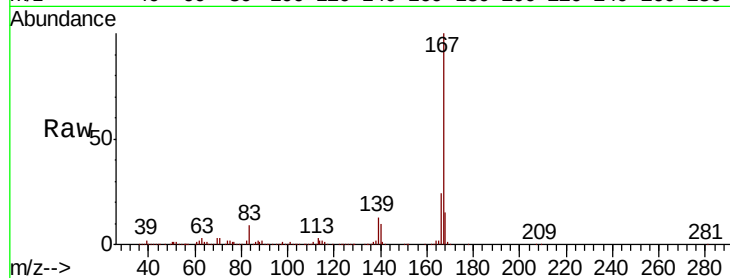
Tot Ion:167 Resp: 895831

Ion Ratio Lower Upper

167 100

166 23.7 18.3 27.5

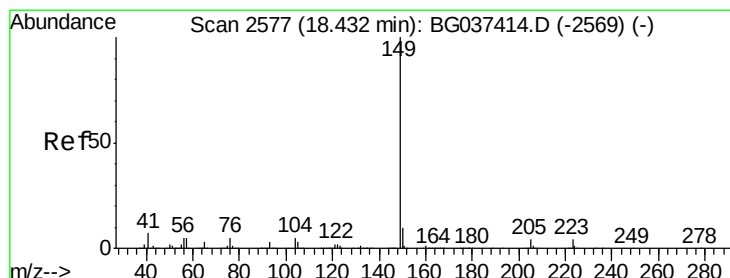
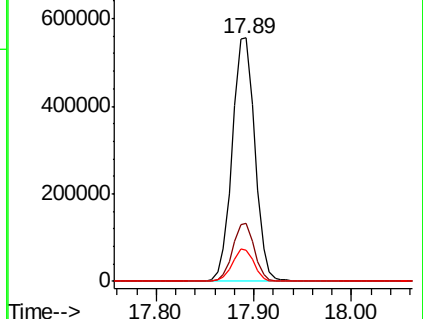
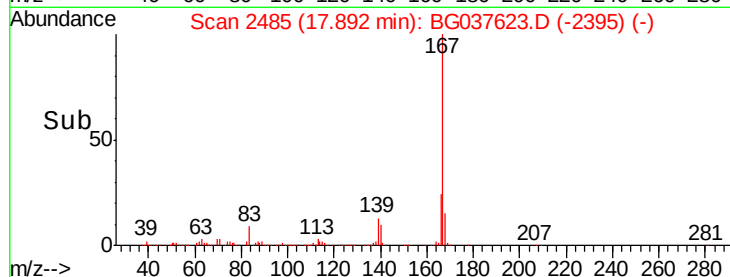
139 13.0 10.5 15.7



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: 49.850 ng

RT: 18.42 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

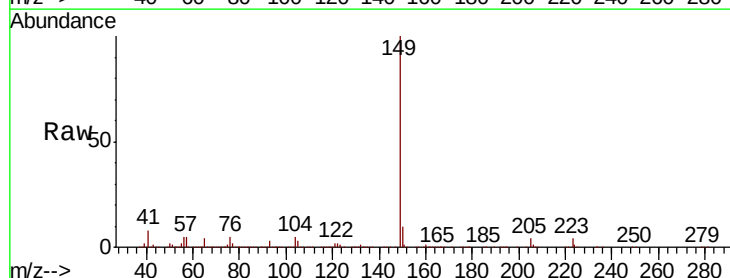
Tgt Ion:149 Resp: 1056214

Ion Ratio Lower Upper

149 100

150 10.4 8.2 12.2

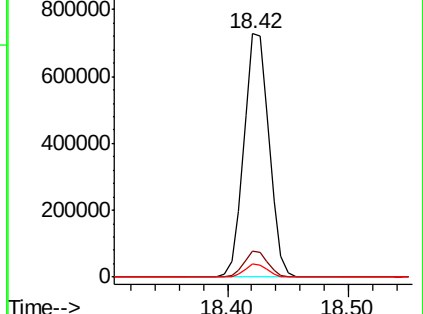
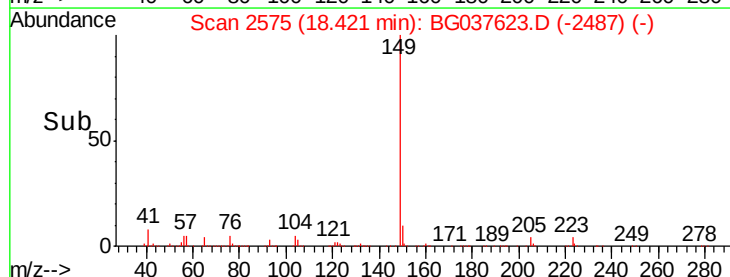
104 5.3 4.0 6.0

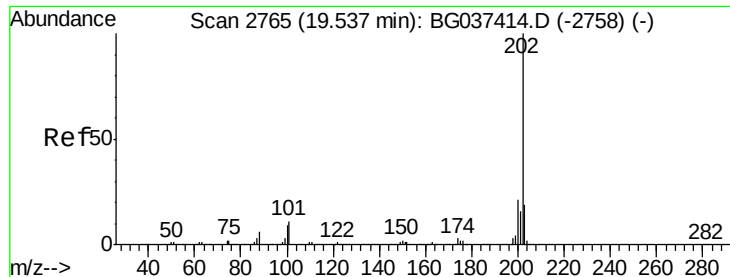


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.871 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

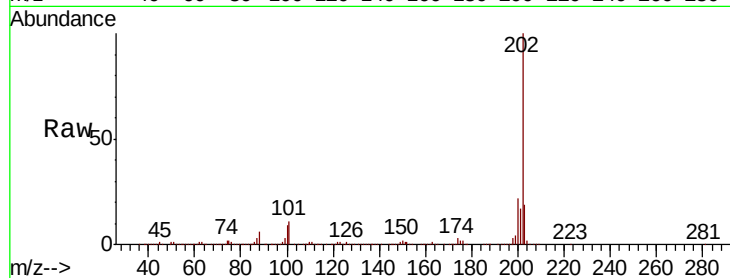
Tot Ion:202 Resp: 1097472

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.7

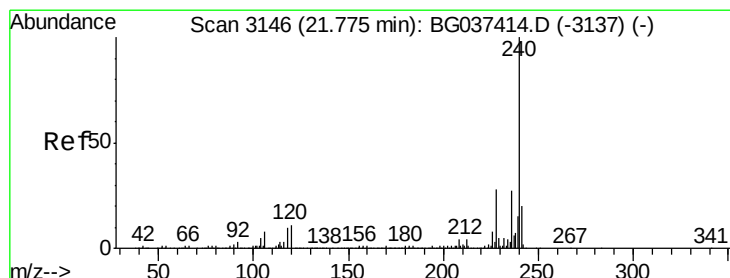
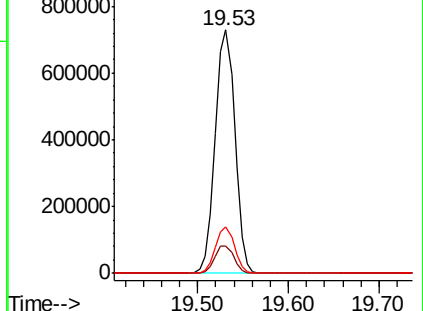
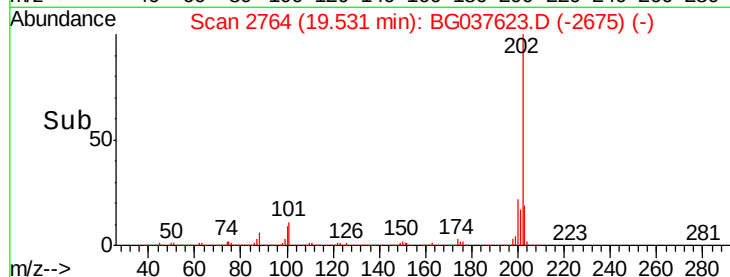
203 19.4 0.0 38.5



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# 3145

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

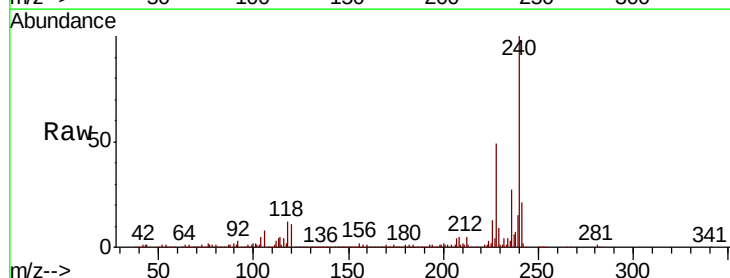
Tgt Ion:240 Resp: 333374

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

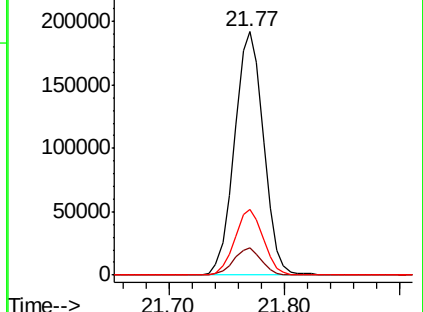
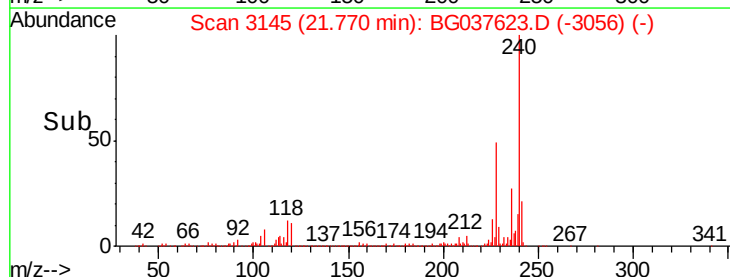
236 27.0 21.4 32.0

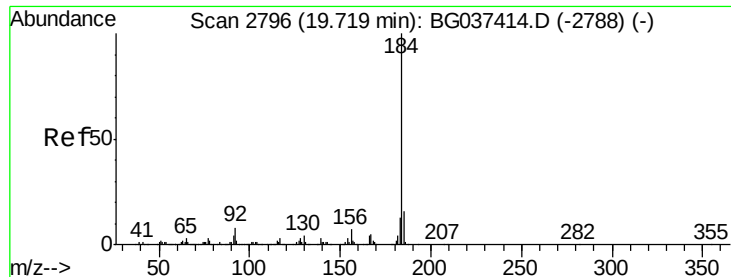


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

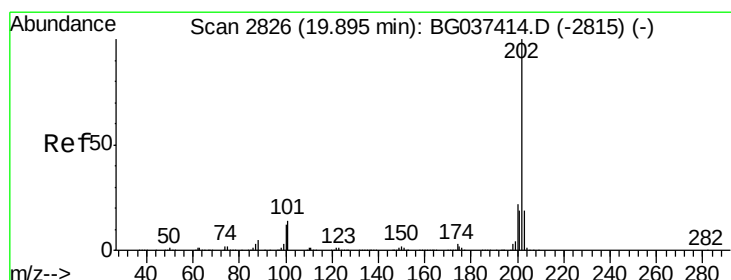
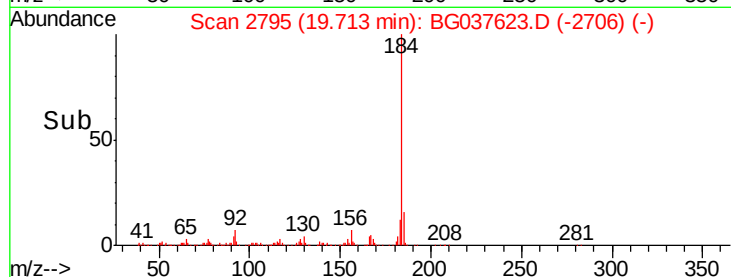
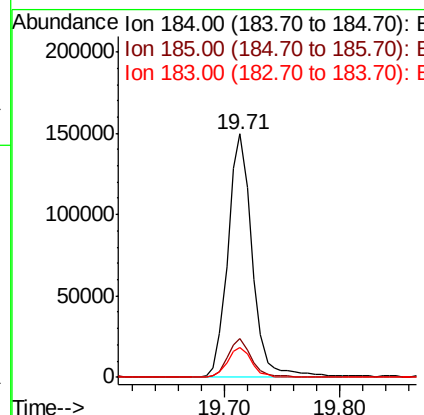
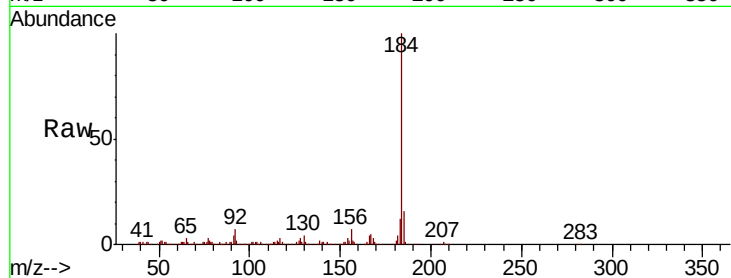




#77
Benzidine
Concen: 19.318 ng
RT: 19.71 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

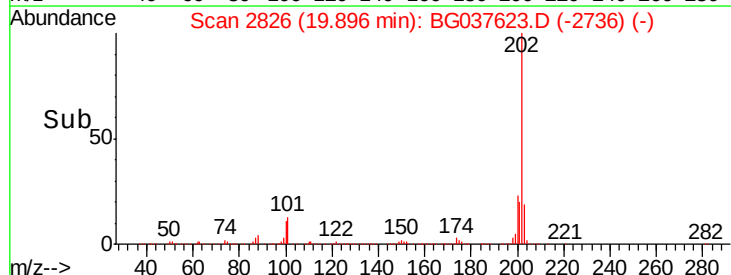
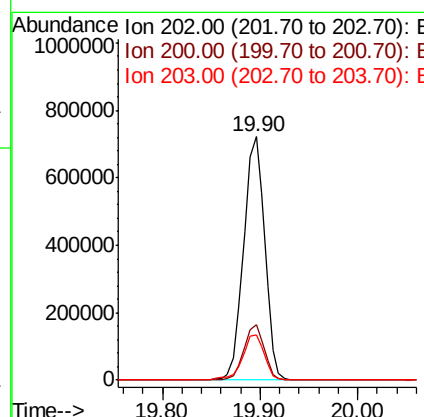
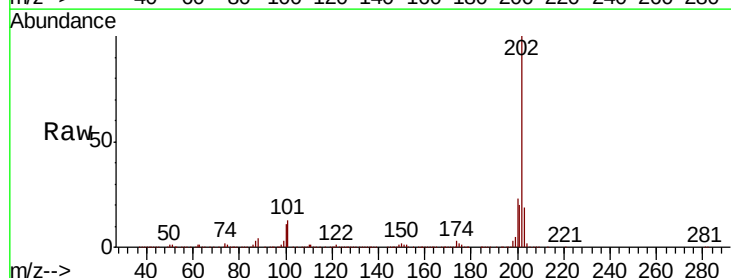
Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

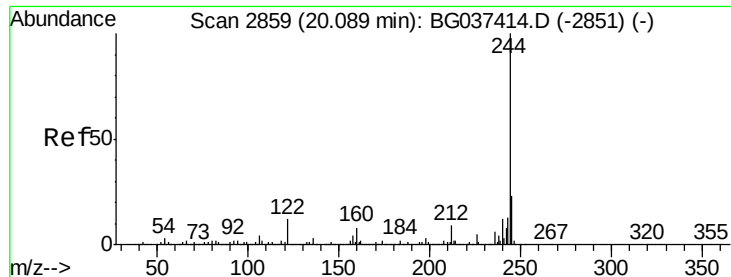
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	12.4	10.2	15.2



#78
Pyrene
Concen: 50.032 ng
RT: 19.90 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.6
203	18.7	15.2	22.8





#79

Terphenyl-d14

Concen: 78.987 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

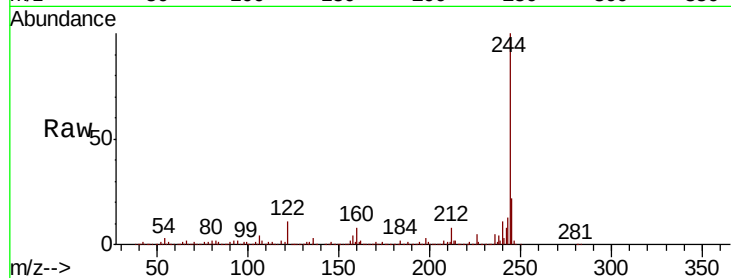
Tot Ion:244 Resp: 1232338

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

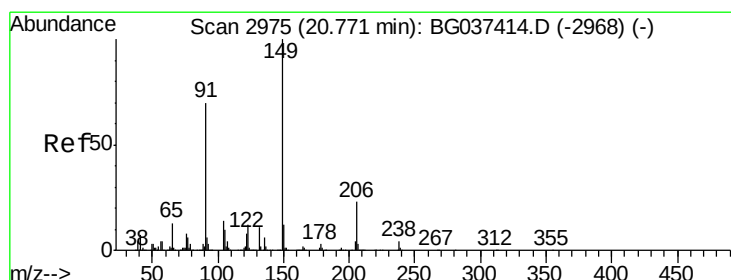
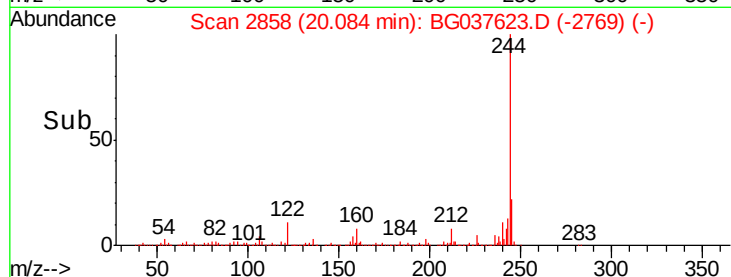
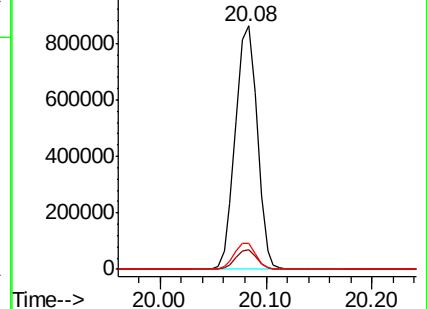
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.163 ng

RT: 20.77 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

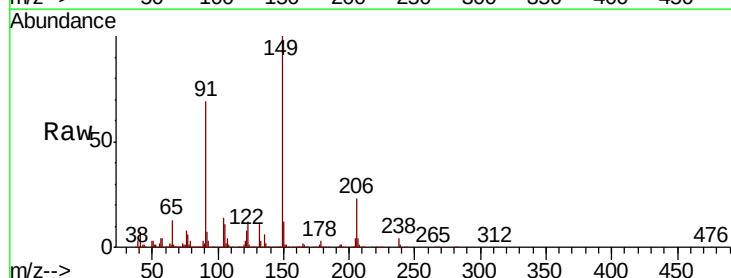
Tgt Ion:149 Resp: 483083

Ion Ratio Lower Upper

149 100

91 69.0 57.0 85.4

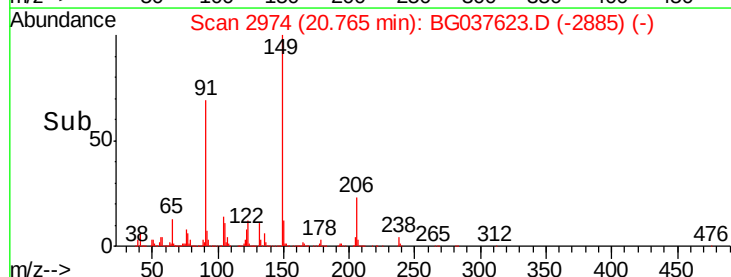
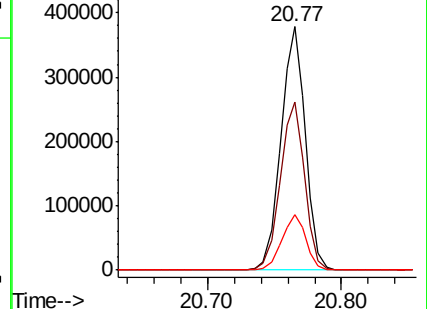
206 22.7 17.8 26.6

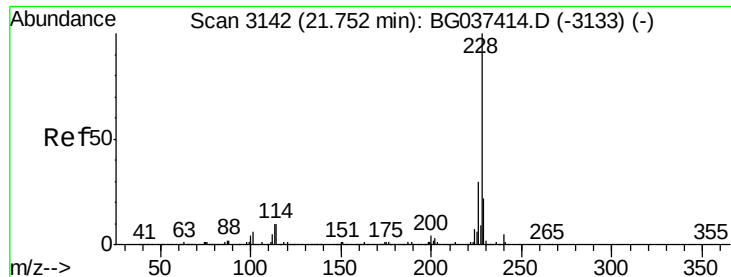


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

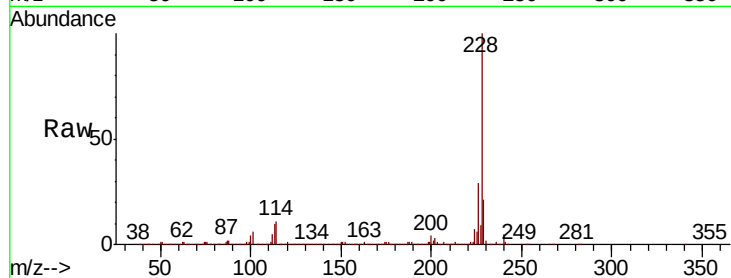




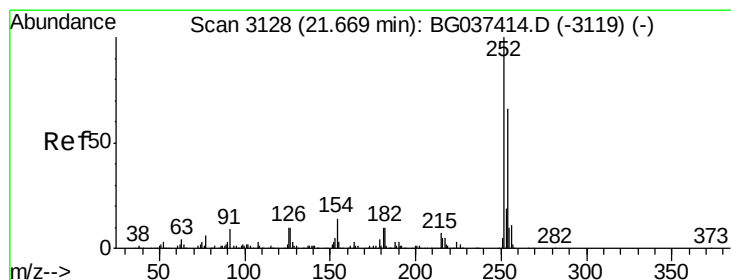
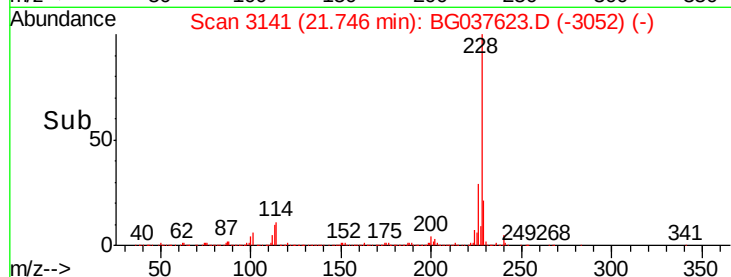
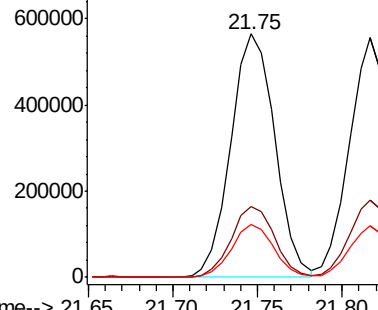
#81
Benzo(a)anthracene
Concen: 52.061 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Instrument :
BNA_G
ClientSampleId :
DL-SW-01MS

Tot Ion:228 Resp: 1026576
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 21.5 16.3 24.5

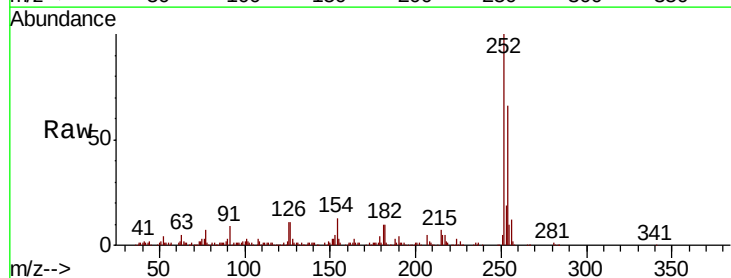


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

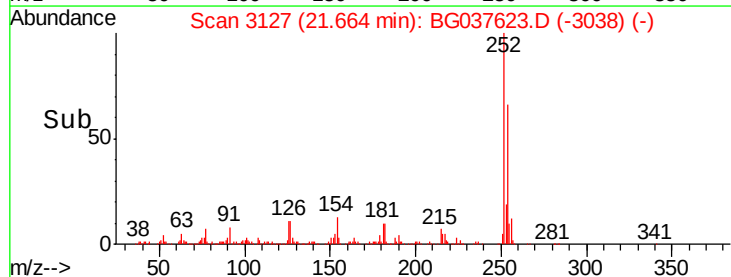
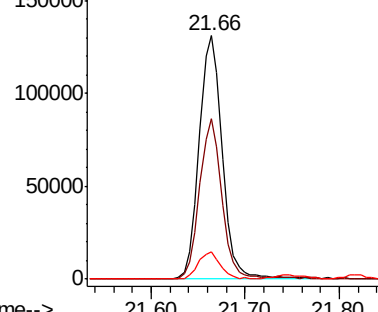


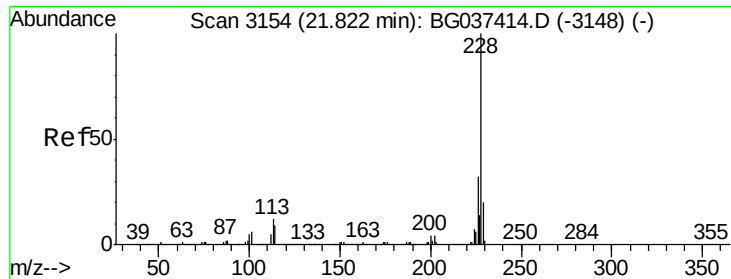
#82
3,3'-Dichlorobenzidine
Concen: 29.326 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037623.D
Acq: 29 Oct 2018 15:10

Tgt Ion:252 Resp: 224144
Ion Ratio Lower Upper
252 100
254 65.9 52.0 78.0
126 11.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.440 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

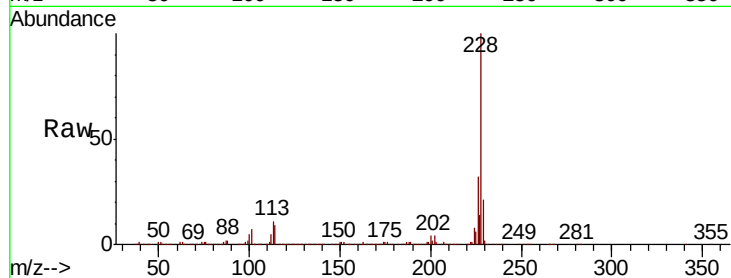
Tot Ion:228 Resp: 956384

Ion Ratio Lower Upper

228 100

226 32.1 25.7 38.5

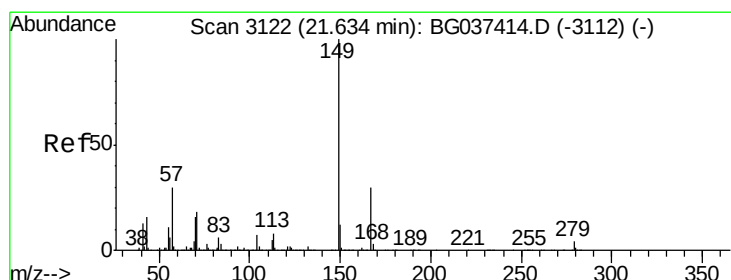
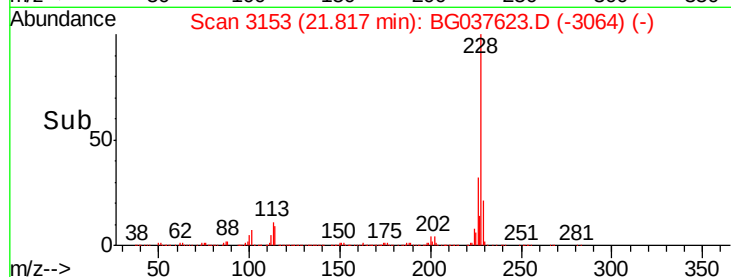
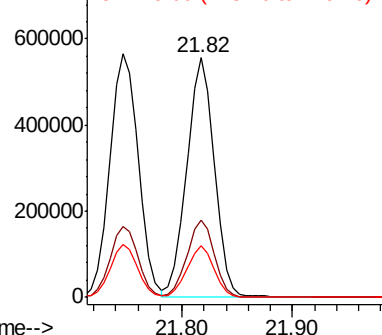
229 21.5 16.5 24.7



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: 54.523 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

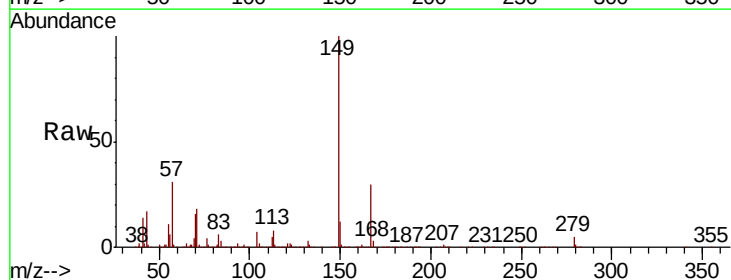
Tgt Ion:149 Resp: 681644

Ion Ratio Lower Upper

149 100

167 30.1 23.0 34.4

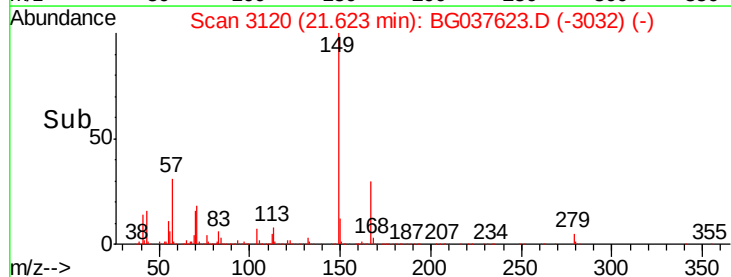
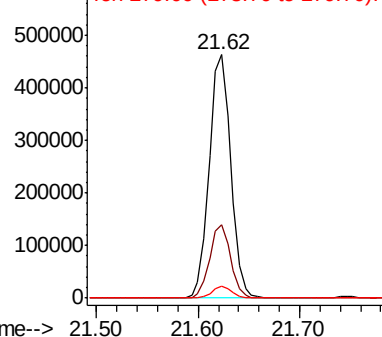
279 4.6 3.6 5.4

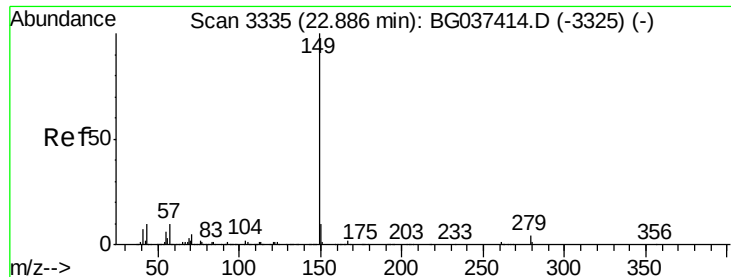


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.457 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

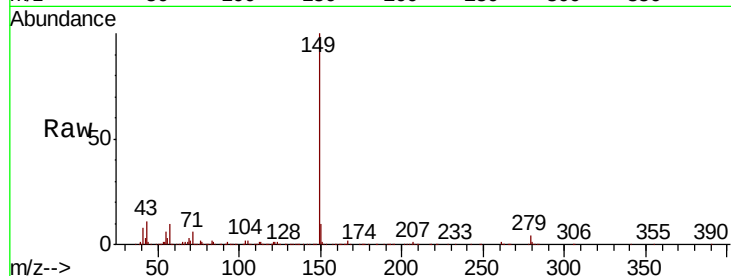
Tot Ion:149 Resp: 1150963

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

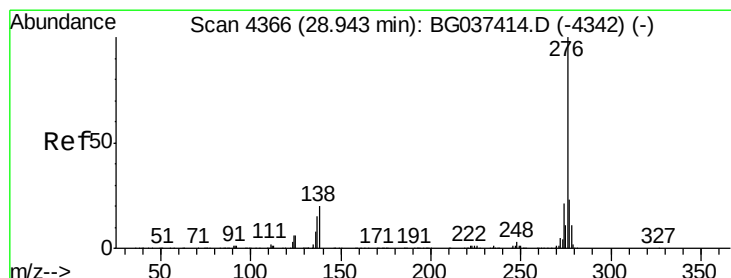
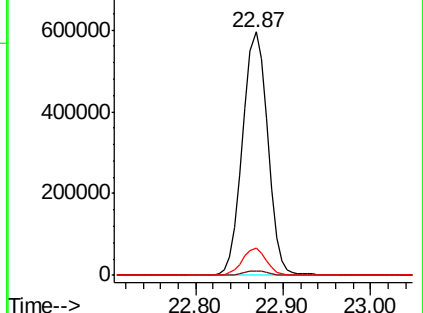
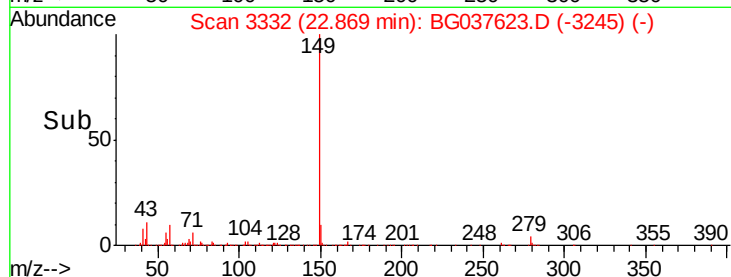
43 10.4 8.7 13.1



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: 53.569 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

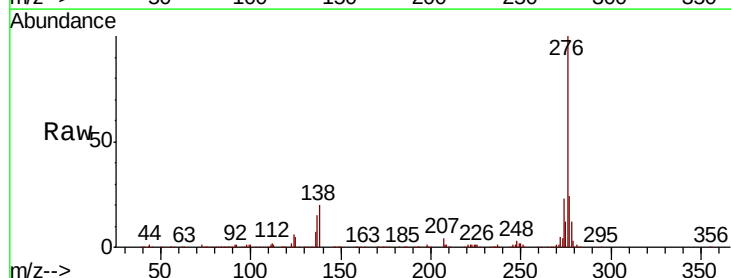
Tgt Ion:276 Resp: 1089417

Ion Ratio Lower Upper

276 100

138 26.0 12.0 18.0#

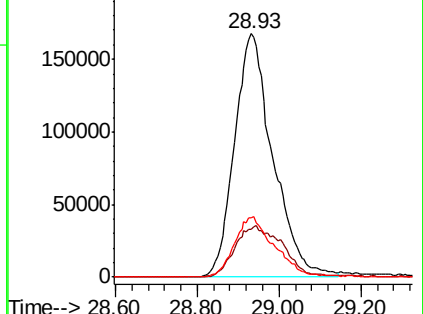
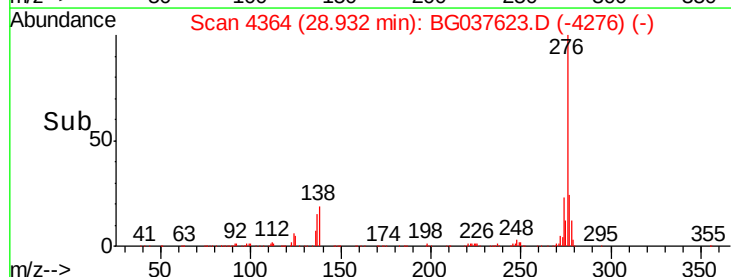
277 25.8 20.6 30.8

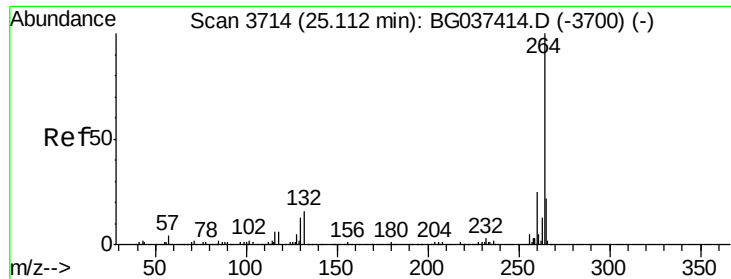


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

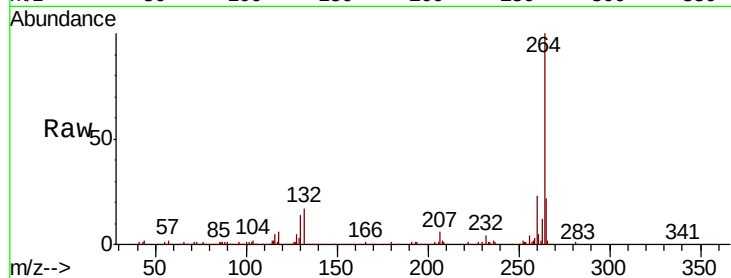
BNA_G

ClientSampleId :

DL-SW-01MS

Tot Ion:264 Resp: 348235

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.0	17.9	26.9

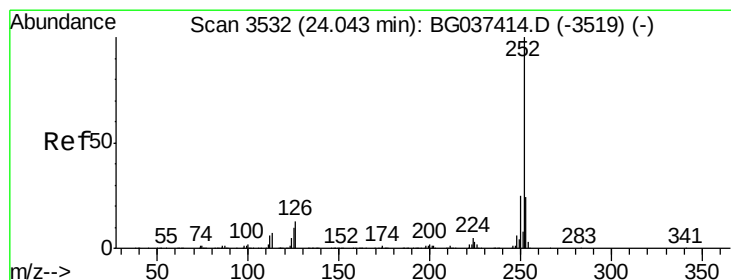
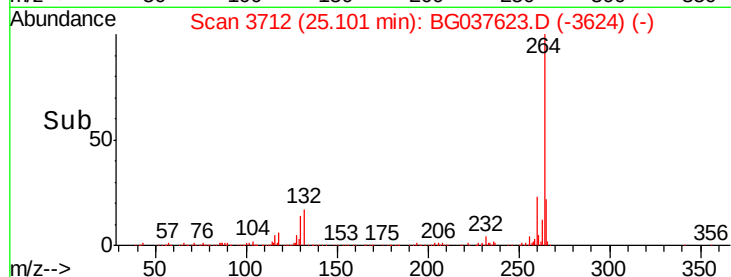
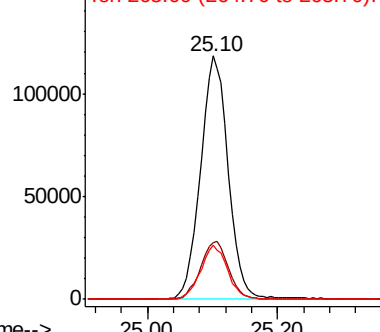


Abundance

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: 53.876 ng

RT: 24.04 min Scan# 3531

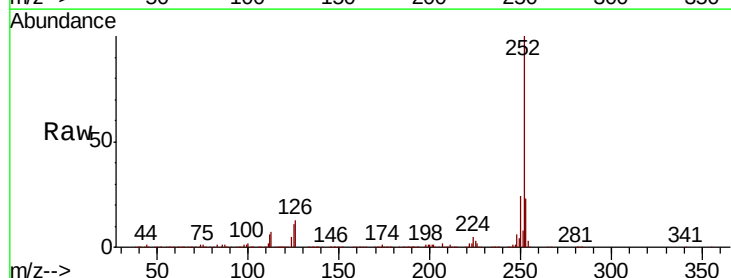
Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Tgt Ion:252 Resp: 1028571

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.7	7.8	11.6

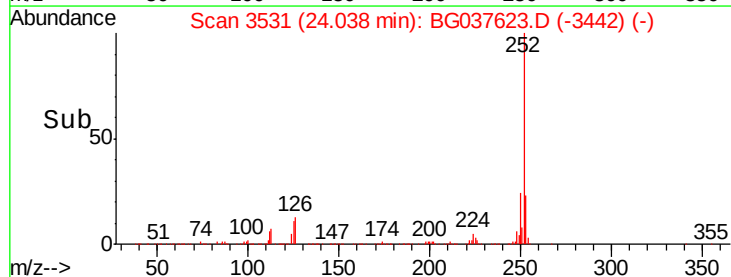
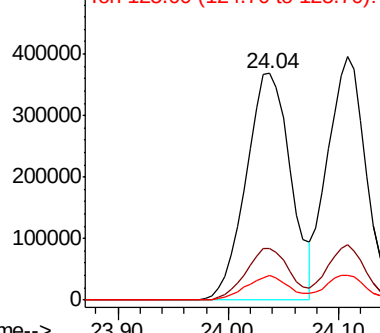


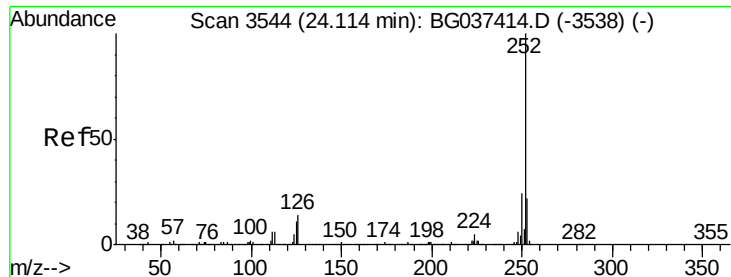
Abundance

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: 51.331 ng

RT: 24.11 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

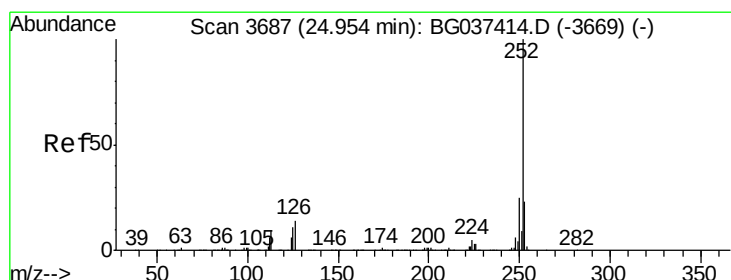
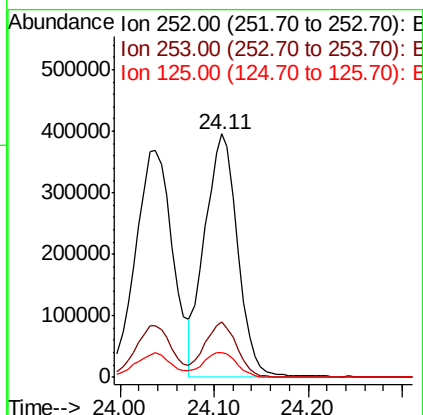
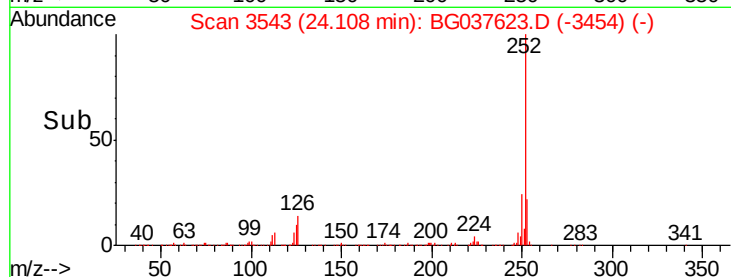
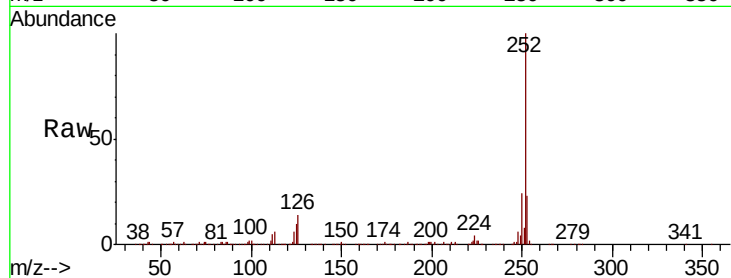
Tot Ion:252 Resp: 960126

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 10.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 53.837 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

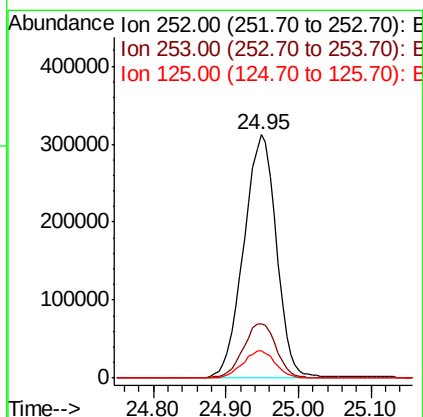
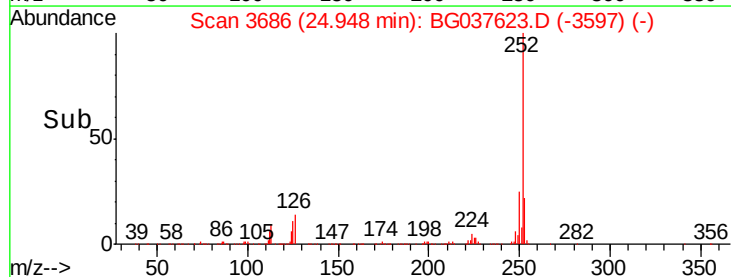
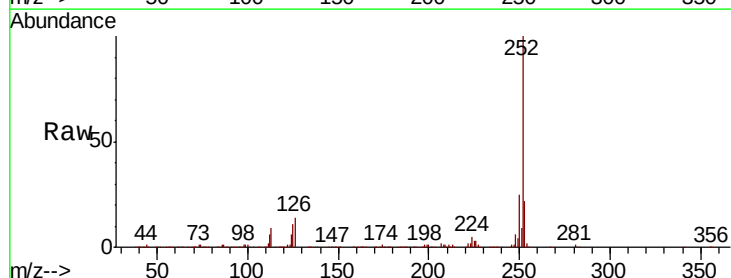
Tgt Ion:252 Resp: 976683

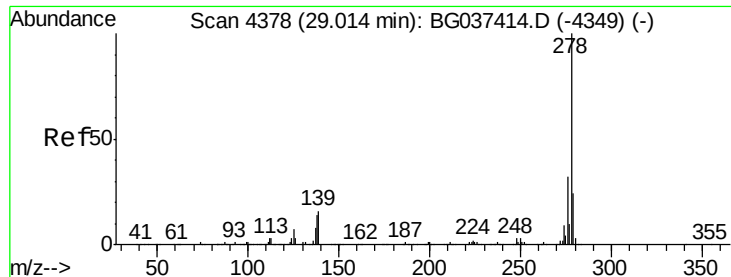
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 53.543 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

Instrument :

BNA_G

ClientSampleId :

DL-SW-01MS

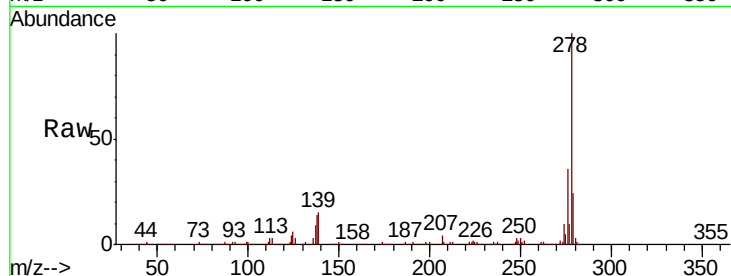
Tot Ion:278 Resp: 895994

Ion Ratio Lower Upper

278 100

139 15.4 11.5 17.3

279 24.4 18.6 27.8

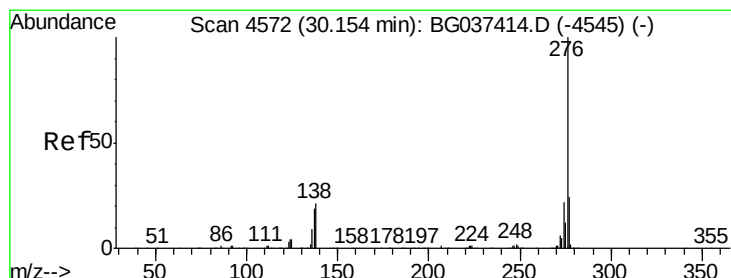
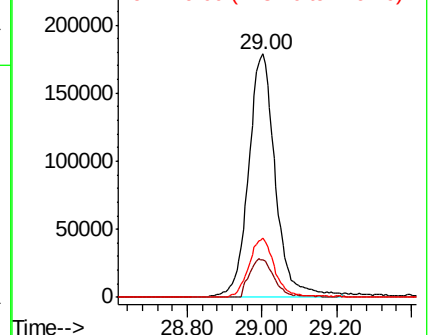
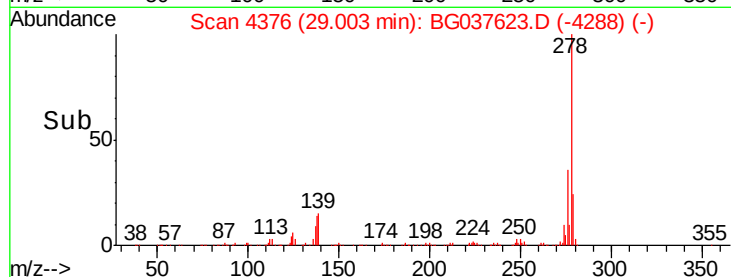


Abundance

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: 54.149 ng

RT: 30.14 min Scan# 4569

Delta R.T. -0.02 min

Lab File: BG037623.D

Acq: 29 Oct 2018 15:10

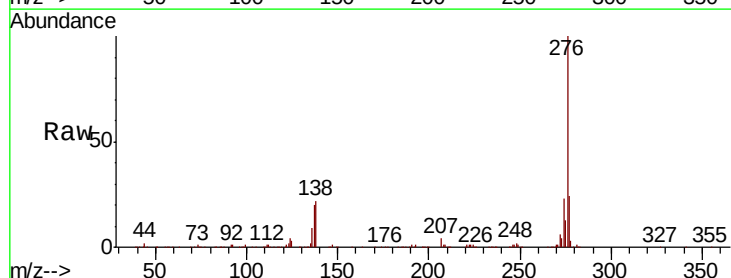
Tgt Ion:276 Resp: 916740

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 21.6 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

