

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037874.D
 Acq On : 7 Nov 2018 21:18
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 09:01:36 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	61383	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	275426	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	177018	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	400118	20.00	ng	0.00
76) Chrysene-d12	21.76	240	353639	20.00	ng	-0.01
87) Perylene-d12	25.09	264	366253	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	282489	76.94	ng	-0.01
7) Phenol-d6	7.24	99	426499	76.82	ng	-0.01
23) Nitrobenzene-d5	9.27	82	403545	82.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	157772	81.72	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	940625	80.13	ng	-0.02
79) Terphenyl-d14	20.08	244	1323620	79.98	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	68164	36.61	ng	97
3) Pyridine	3.93	79	170770	36.39	ng	96
4) n-Nitrosodimethylamine	3.85	42	65801	39.37	ng	# 99
6) Aniline	7.42	93	257969	38.09	ng	98
8) 2-Chlorophenol	7.65	128	167548	39.01	ng	98
9) Benzaldehyde	7.24	77	116419	33.52	ng	97
10) Phenol	7.27	94	224289	38.29	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	167918	37.74	ng	96
12) 1,3-Dichlorobenzene	7.98	146	187376	39.19	ng	98
13) 1,4-Dichlorobenzene	8.13	146	191306	39.11	ng	98
14) 1,2-Dichlorobenzene	8.45	146	179380	38.12	ng	99
15) Benzyl Alcohol	8.33	79	156579	38.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	311102	39.08	ng	98
17) 2-Methylphenol	8.52	107	149488	38.60	ng	99
18) Hexachloroethane	9.18	117	68812	41.27	ng	92
19) n-Nitroso-di-n-propylamine	8.90	70	143234	37.47	ng	97
20) 3+4-Methylphenols	8.86	107	215401	38.90	ng	96
22) Acetophenone	8.92	105	268172	38.82	ng	# 97
24) Nitrobenzene	9.32	77	204373	40.01	ng	93
25) Isophorone	9.83	82	351216	39.10	ng	96
26) 2-Nitrophenol	10.02	139	106929	46.47	ng	98
27) 2,4-Dimethylphenol	10.06	122	160543	39.08	ng	99
28) bis(2-Chloroethoxy)methane	10.31	93	233829	39.73	ng	97
29) 2,4-Dichlorophenol	10.55	162	186688	40.81	ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	201977	40.60	ng	98
31) Naphthalene	10.97	128	536114	39.63	ng	100
32) Benzoic acid	10.20	122	115680	43.35	ng	97
33) 4-Chloroaniline	11.07	127	254698	40.07	ng	96
34) Hexachlorobutadiene	11.23	225	123745	41.97	ng	96
35) Caprolactam	11.87	113	74381	40.54	ng	96
36) 4-Chloro-3-methylphenol	12.18	107	206472	40.02	ng	97
37) 2-Methylnaphthalene	12.56	142	395330	40.09	ng	99
38) 1-Methylnaphthalene	12.78	142	383000	39.99	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	237825	41.65	ng	99

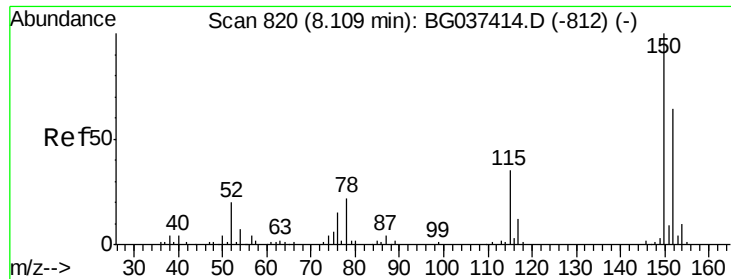
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037874.D
 Acq On : 7 Nov 2018 21:18
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Quant Time: Nov 08 09:01:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	117491	43.08	nq	98
43) 2,4,6-Trichlorophenol	13.16	196	158229	41.48	nq	99
44) 2,4,5-Trichlorophenol	13.23	196	170040	40.94	nq	97
46) 1,1'-Biphenyl	13.56	154	587957	40.11	nq	99
47) 2-Chloronaphthalene	13.61	162	444365	40.07	nq	97
48) 2-Nitroaniline	13.82	65	144496	42.96	nq	94
49) Acenaphthylene	14.45	152	676909	40.57	nq	100
50) Dimethylphthalate	14.18	163	542309	39.60	nq	100
51) 2,6-Dinitrotoluene	14.31	165	125455	41.41	nq	95
52) Acenaphthene	14.79	154	410564	39.96	nq	100
53) 3-Nitroaniline	14.64	138	136997	40.73	nq	# 98
54) 2,4-Dinitrophenol	14.85	184	49152	49.44	nq	98
55) Dibenzofuran	15.13	168	663203	38.96	nq	100
56) 4-Nitrophenol	14.93	139	93193	37.44	nq	99
57) 2,4-Dinitrotoluene	15.09	165	172973	43.50	nq	92
58) Fluorene	15.78	166	497868	39.05	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	142613	40.10	nq	100
60) Diethylphthalate	15.53	149	559689	39.81	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	291243	39.19	nq	98
62) 4-Nitroaniline	15.80	138	136375	40.81	nq	90
63) Azobenzene	16.06	77	520170	38.78	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	86794	42.52	nq	99
66) n-Nitrosodiphenylamine	15.98	169	487568	40.51	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	180970	41.19	nq	98
68) Hexachlorobenzene	16.77	284	180888	39.72	nq	98
69) Atrazine	16.92	200	165217	37.97	nq	98
70) Pentachlorophenol	17.11	266	119950	39.32	nq	96
71) Phenanthrene	17.52	178	804669	39.57	nq	99
72) Anthracene	17.61	178	795935	39.88	nq	98
73) Carbazole	17.88	167	793962	39.77	nq	100
74) Di-n-butylphthalate	18.41	149	917233	41.31	nq	99
75) Fluoranthene	19.52	202	907171	39.33	nq	99
77) Benzidine	19.71	184	375729	31.25	nq	99
78) Pyrene	19.89	202	932444	40.33	nq	99
80) Butylbenzylphthalate	20.76	149	413776	43.73	nq	95
81) Benzo(a)anthracene	21.74	228	842434	40.27	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	327222	40.36	nq	100
83) Chrysene	21.81	228	815704	40.55	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	587459	44.30	nq	99
85) Di-n-octyl phthalate	22.85	149	959085	44.35	nq	98
86) Indeno(1,2,3-cd)pyrene	28.90	276	807932	37.45	nq	# 90
88) Benzo(b)fluoranthene	24.02	252	818898	40.78	nq	99
89) Benzo(k)fluoranthene	24.09	252	813406	41.35	nq	98
90) Benzo(a)pyrene	24.93	252	781254	40.95	nq	98
91) Dibenzo(a,h)anthracene	28.97	278	653087	37.11	nq	99
92) Benzo(g,h,i)perylene	30.10	276	669475	37.60	nq	99

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

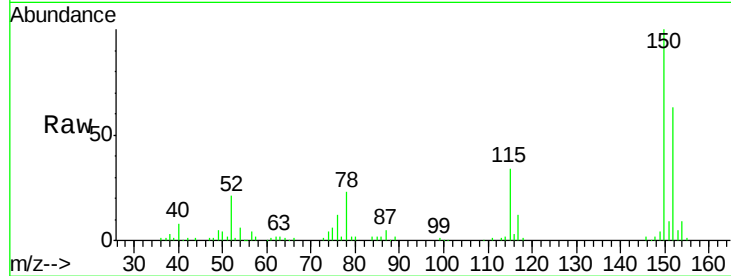


#1

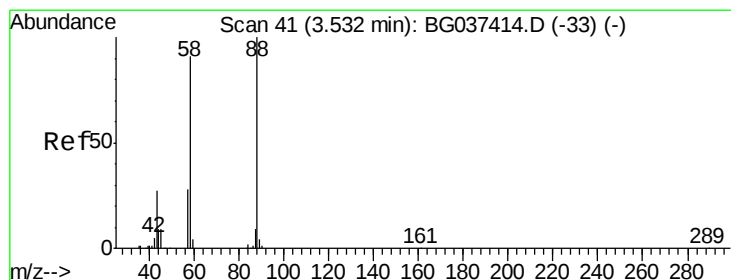
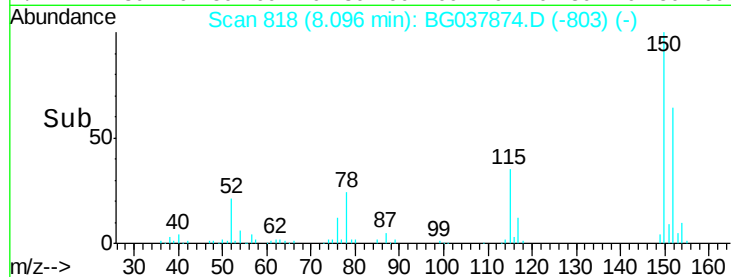
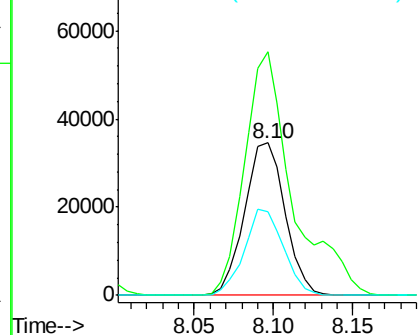
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61383
Ion Ratio Lower Upper
152 100
150 159.7 126.0 189.0
115 54.7 45.5 68.3



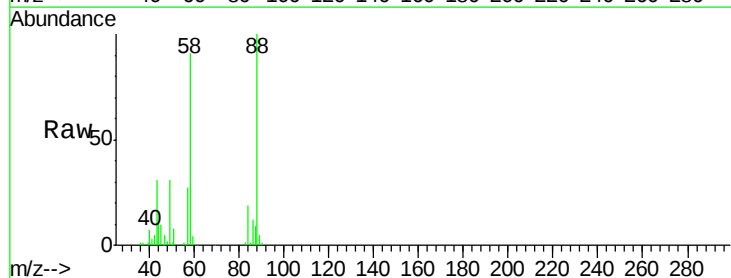
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



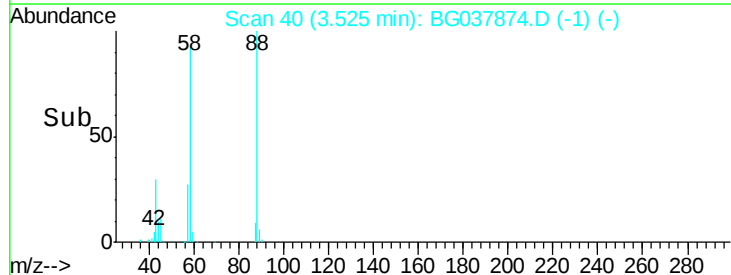
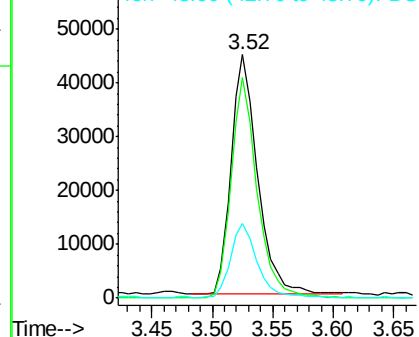
#2

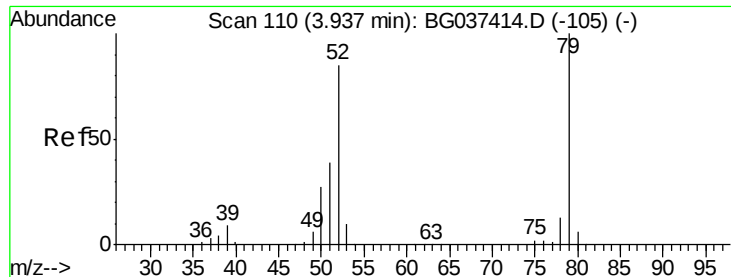
1,4-Dioxane
Concen: 36.61 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion: 88 Resp: 68164
Ion Ratio Lower Upper
88 100
58 90.0 74.4 111.6
43 31.2 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: 36.39 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

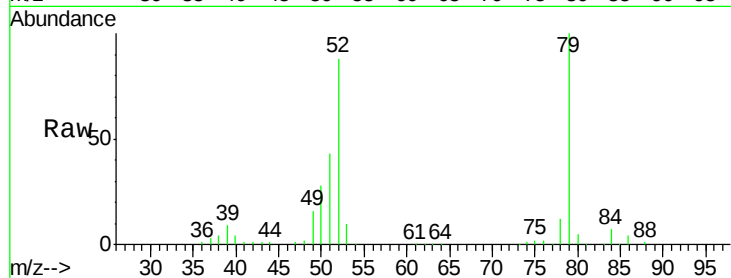
Tot Ion: 79 Resp: 170770

Ion Ratio Lower Upper

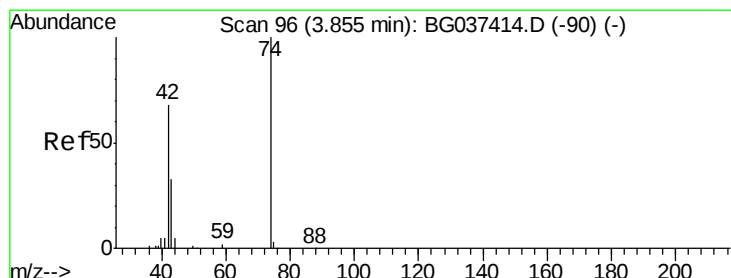
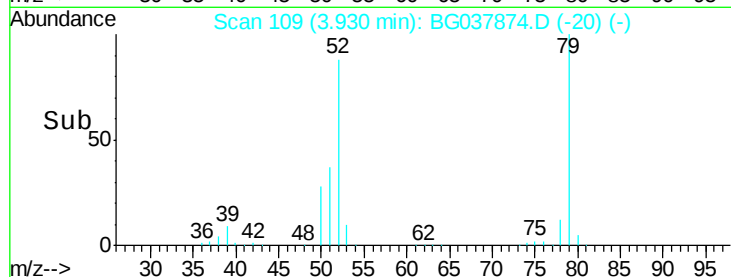
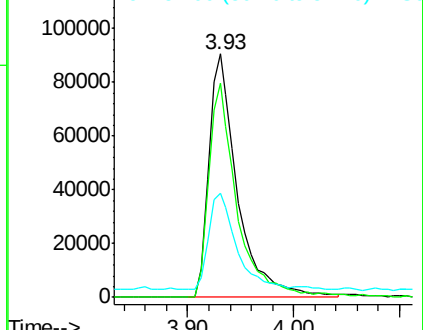
79 100

52 88.1 74.2 111.2

51 42.7 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 39.37 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

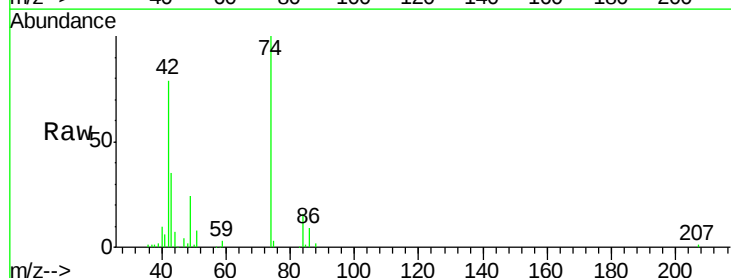
Tgt Ion: 42 Resp: 65801

Ion Ratio Lower Upper

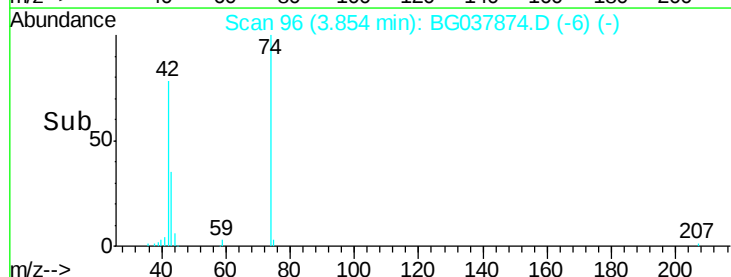
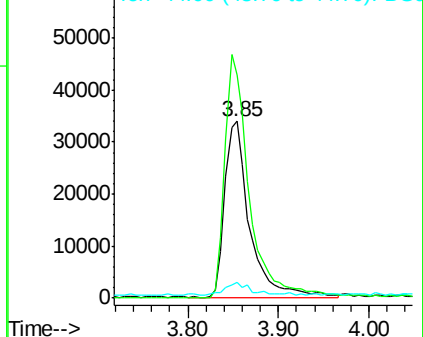
42 100

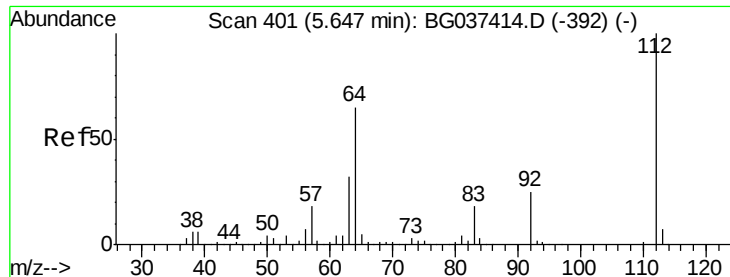
74 126.7 102.0 153.0

44 9.1 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 76.94 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampled :

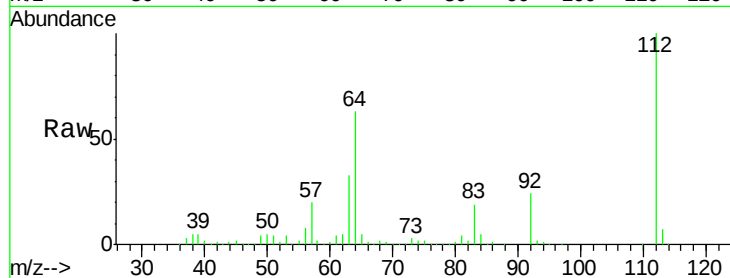
Tot Ion:112 Resp: 282489

Ion Ratio Lower Upper

112 100

64 63.5 53.1 79.7

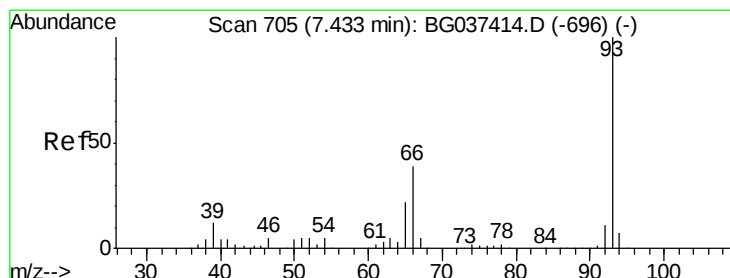
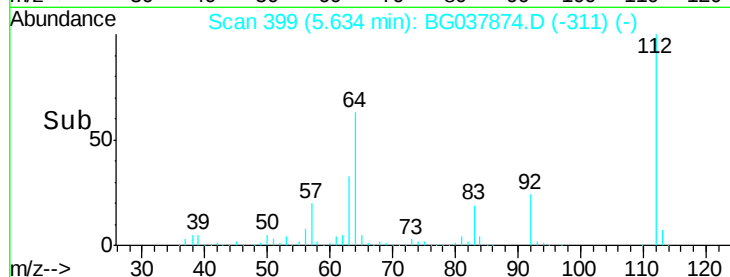
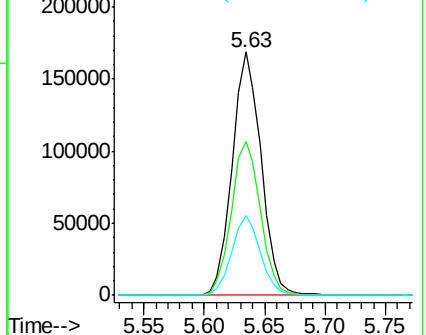
63 33.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.09 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

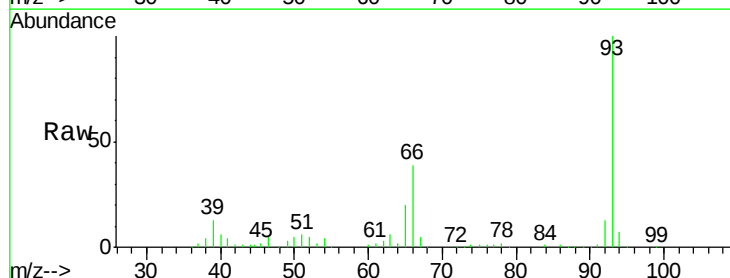
Tgt Ion: 93 Resp: 257969

Ion Ratio Lower Upper

93 100

66 39.4 32.8 49.2

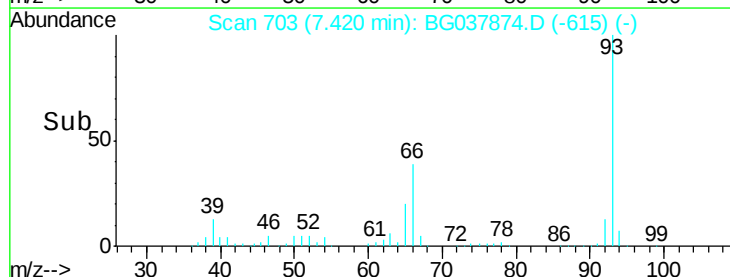
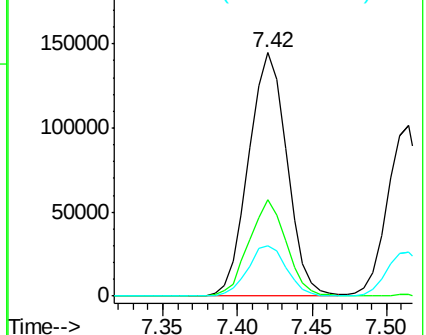
65 20.5 16.4 24.6

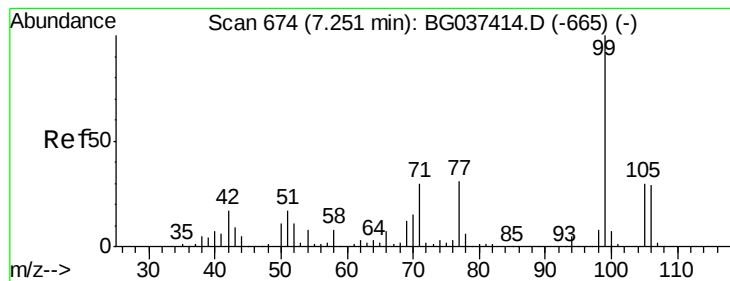


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.82 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

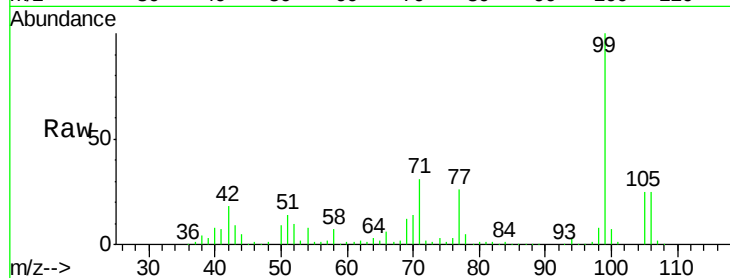
Tot Ion: 99 Resp: 426499

Ion Ratio Lower Upper

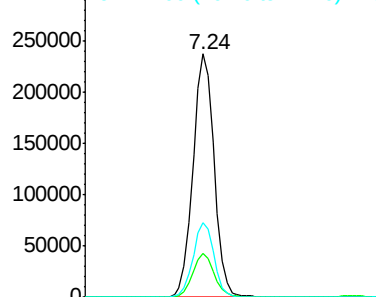
99 100

42 18.3 15.0 22.4

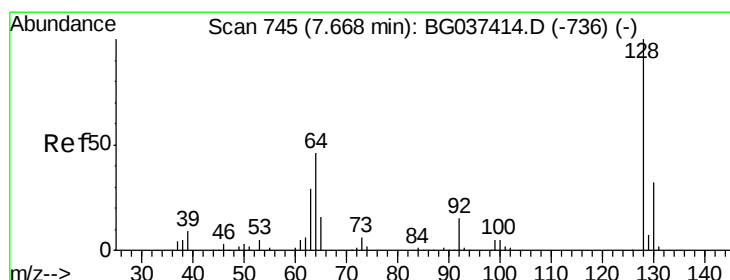
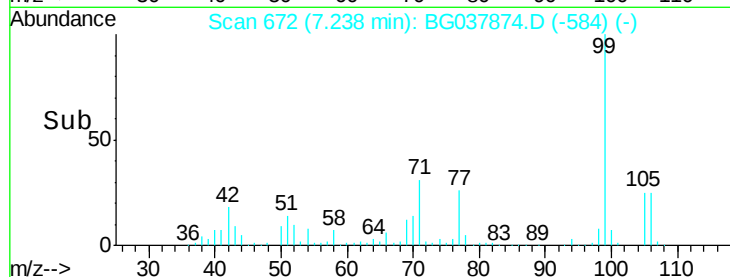
71 30.9 25.5 38.3



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



Time--> 7.10 7.20 7.30 7.40



#8

2-Chlorophenol

Concen: 39.01 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

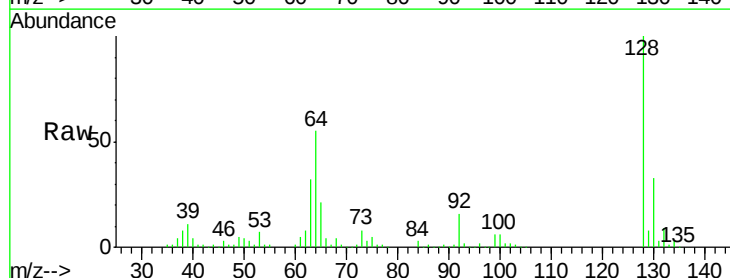
Tgt Ion: 128 Resp: 167548

Ion Ratio Lower Upper

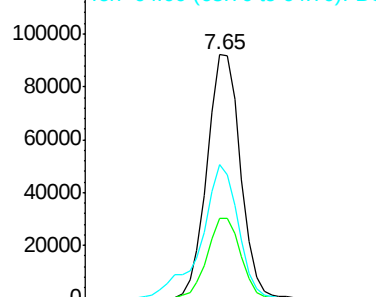
128 100

130 33.0 12.0 52.0

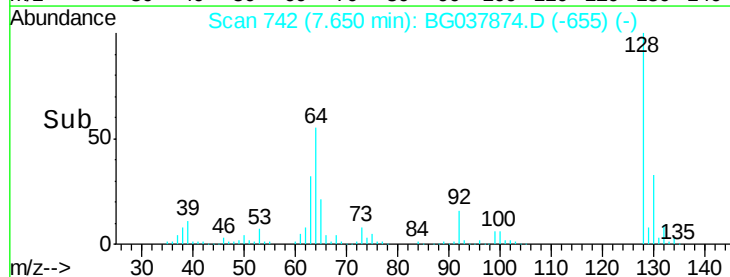
64 54.8 32.9 72.9

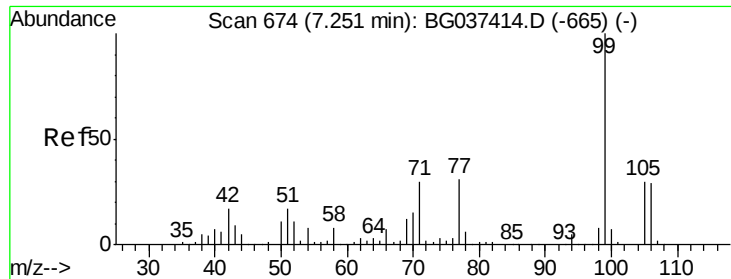


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time--> 7.55 7.60 7.65 7.70 7.75





#9

Benzaldehyde

Concen: 33.52 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampled :

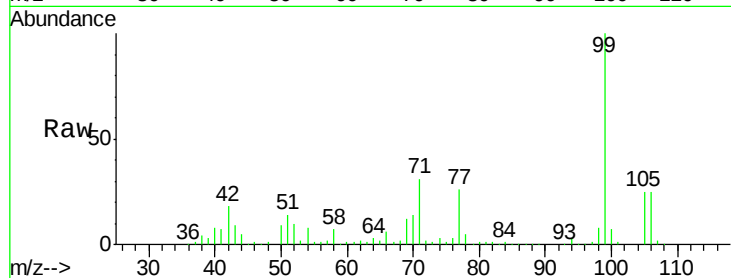
Tot Ion: 77 Resp: 116419

Ion Ratio Lower Upper

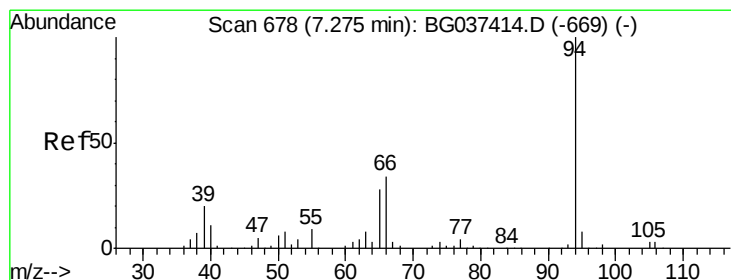
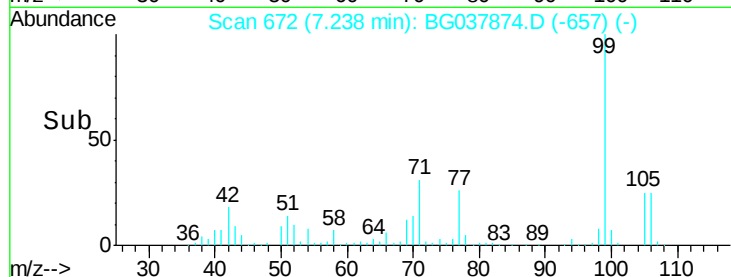
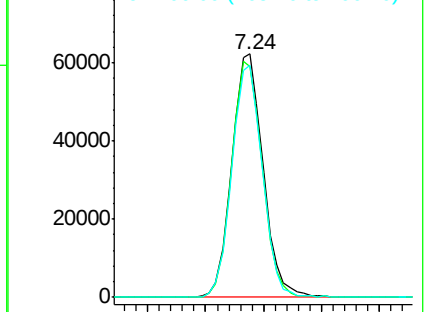
77 100

105 94.9 72.6 112.6

106 95.4 71.3 111.3



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



#10

Phenol

Concen: 38.29 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

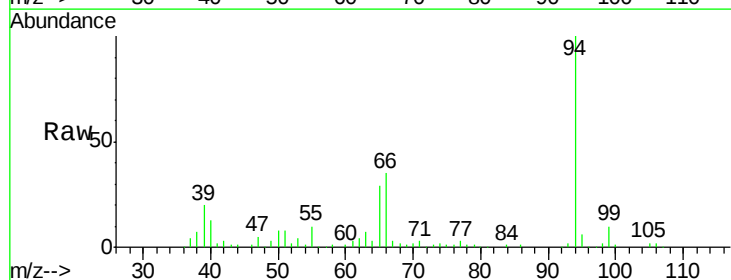
Tgt Ion: 94 Resp: 224289

Ion Ratio Lower Upper

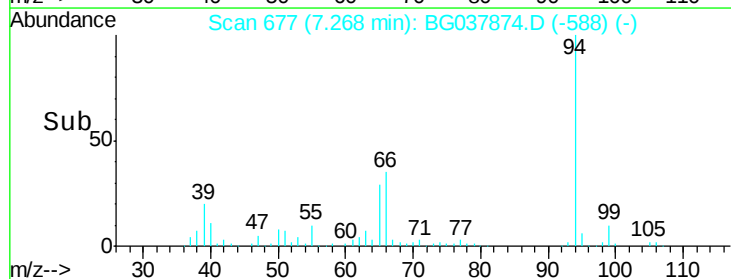
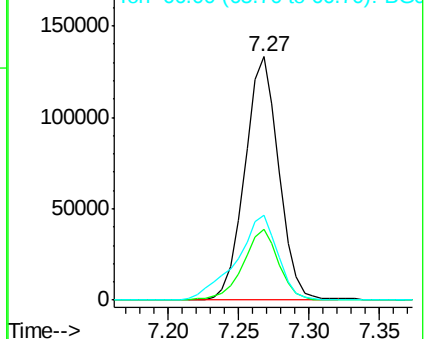
94 100

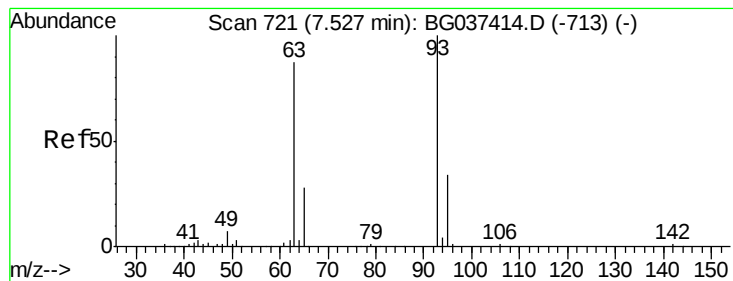
65 29.1 9.7 49.7

66 34.7 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: 37.74 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

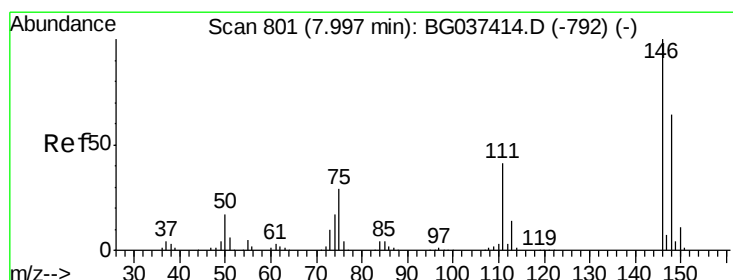
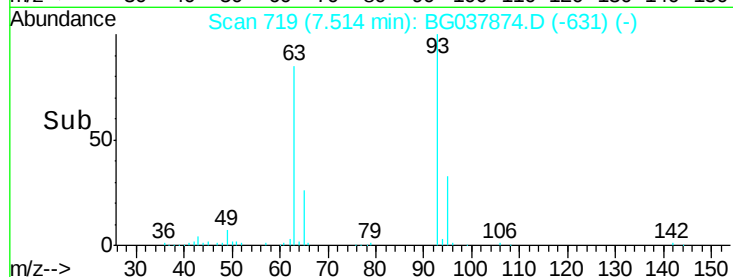
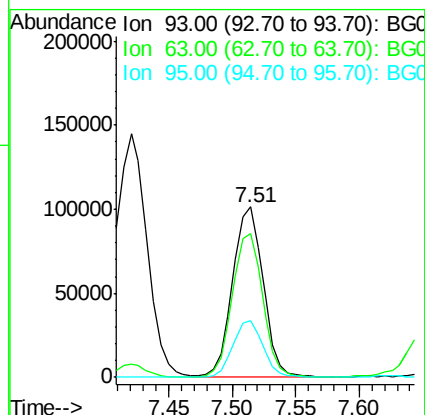
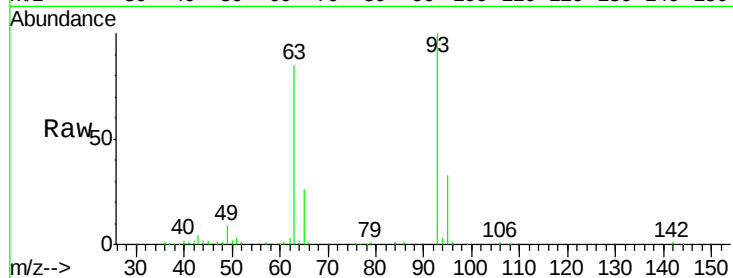
Tot Ion: 93 Resp: 167918

Ion Ratio Lower Upper

93 100

63 84.6 69.5 109.5

95 33.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 39.19 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

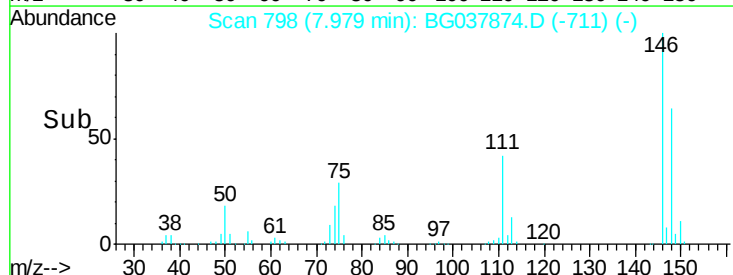
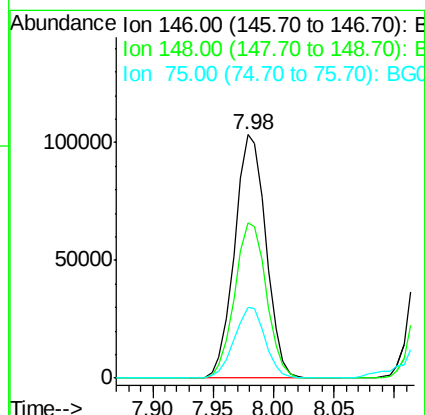
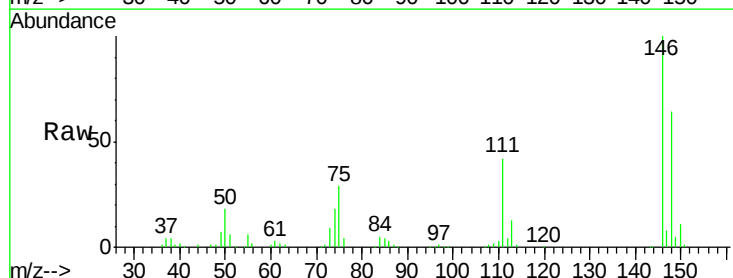
Tgt Ion: 146 Resp: 187376

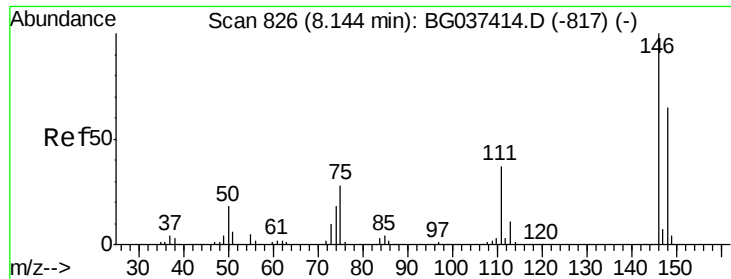
Ion Ratio Lower Upper

146 100

148 63.8 49.8 74.8

75 29.3 23.2 34.8

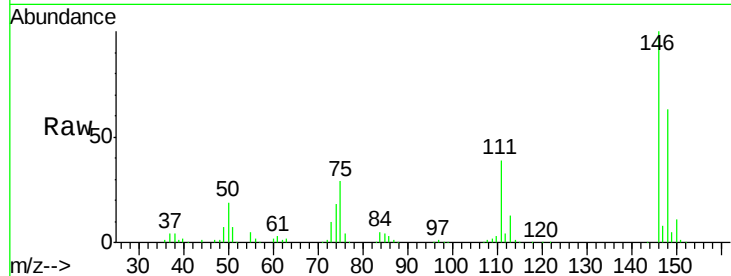




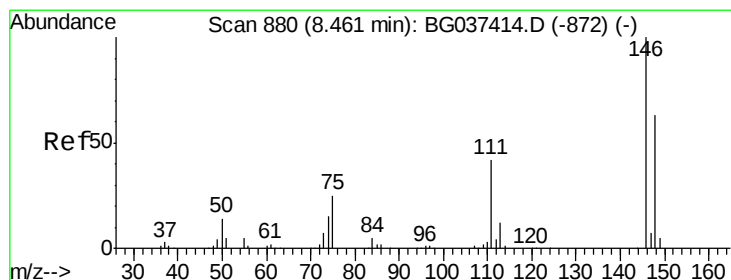
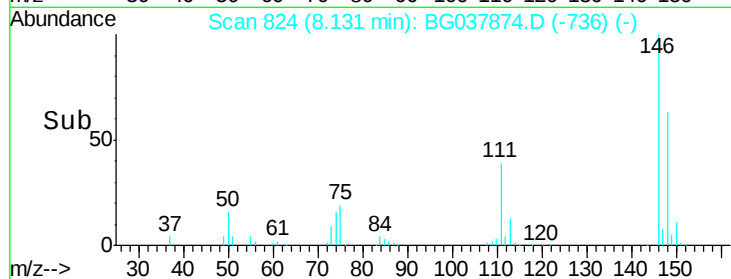
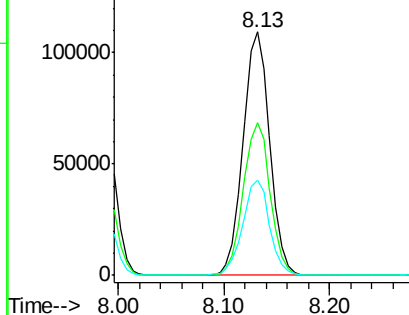
#13
 1,4-Dichlorobenzene
 Concen: 39.11 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.6
111	39.1	32.4	48.6

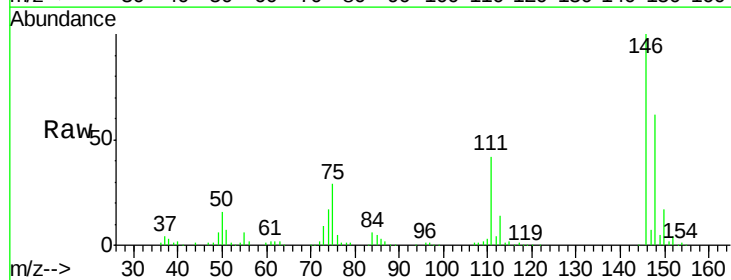


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

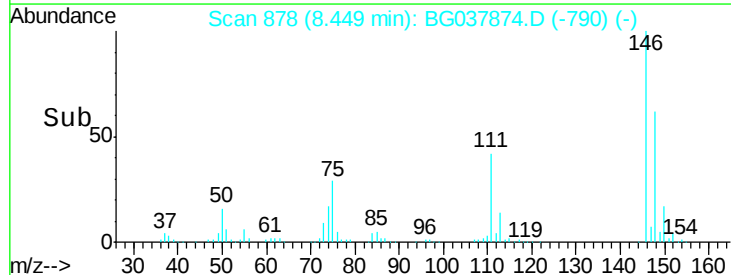
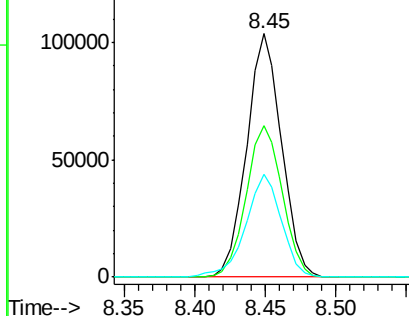


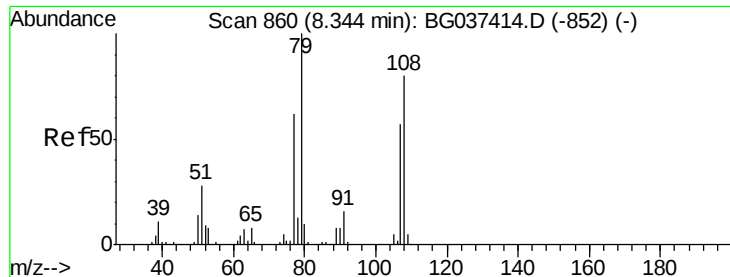
#14
 1,2-Dichlorobenzene
 Concen: 38.12 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.4	75.6
111	42.4	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: 38.17 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

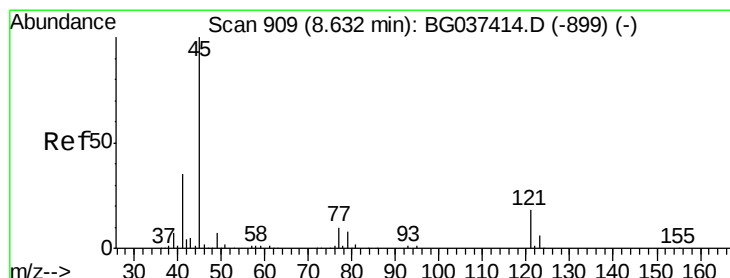
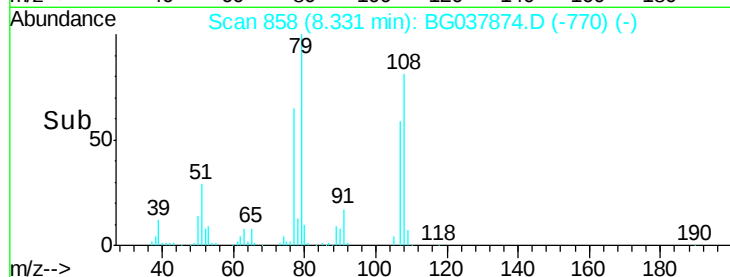
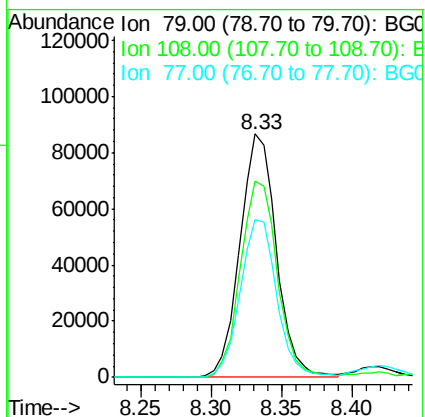
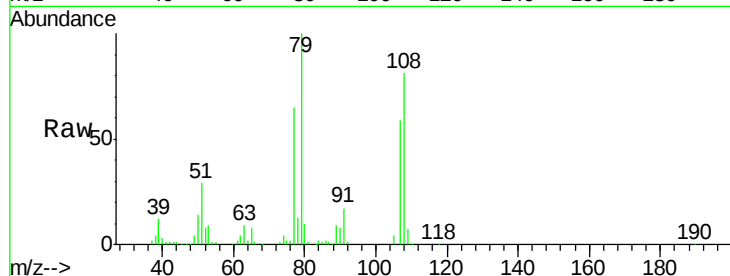
Tot Ion: 79 Resp: 156579

Ion Ratio Lower Upper

79 100

108 80.6 65.8 98.8

77 65.0 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.08 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

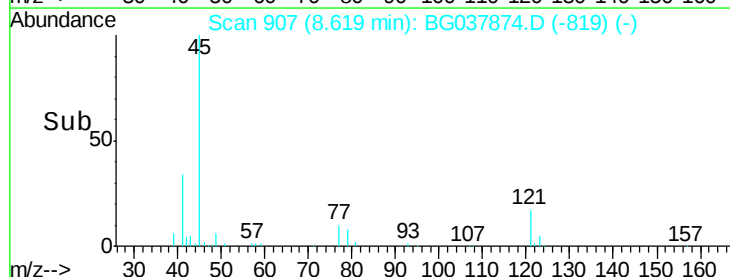
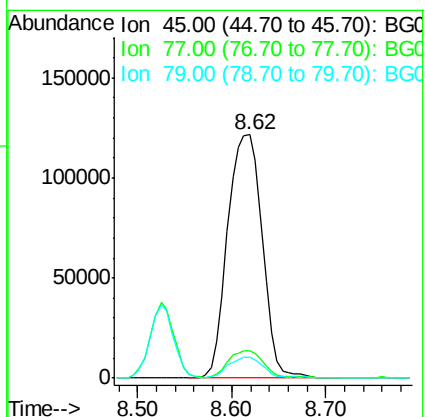
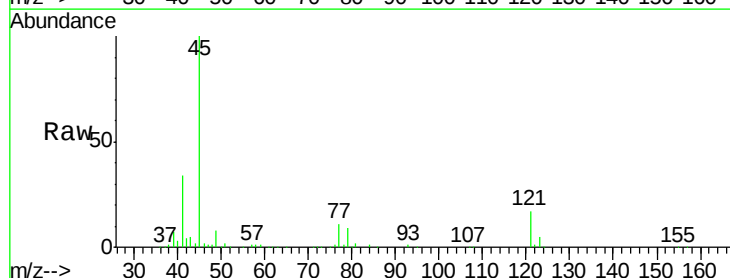
Tgt Ion: 45 Resp: 311102

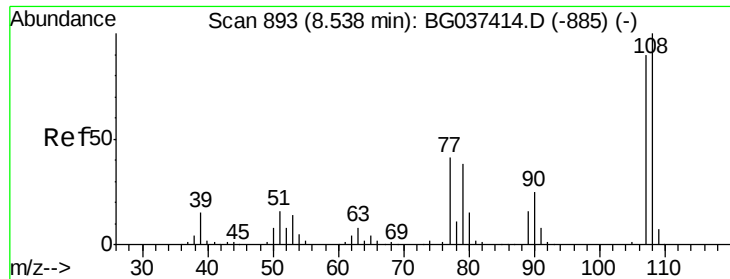
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.0

79 8.6 0.0 29.0





#17

2-Methylphenol

Concen: 38.60 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 149488

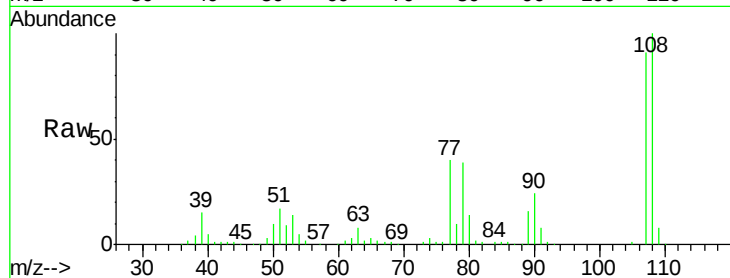
Ion Ratio Lower Upper

107 100

108 110.5 87.9 131.9

77 44.3 35.1 52.7

79 42.7 34.5 51.7



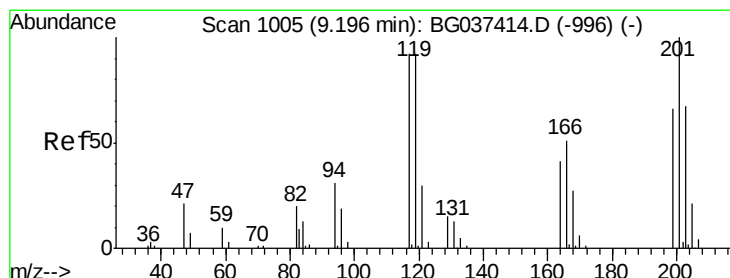
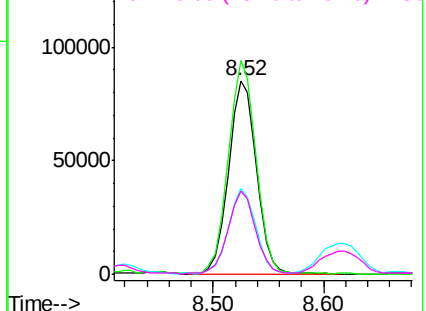
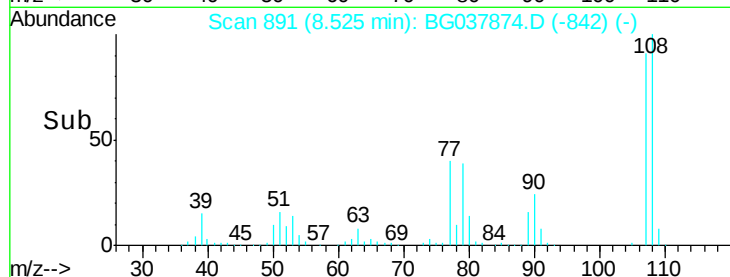
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.27 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

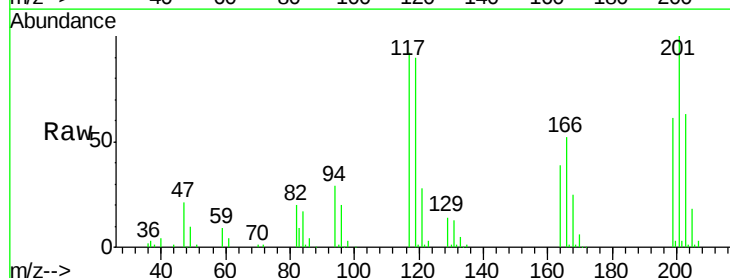
Tgt Ion:117 Resp: 68812

Ion Ratio Lower Upper

117 100

119 98.1 74.6 111.8

201 112.0 80.8 121.2

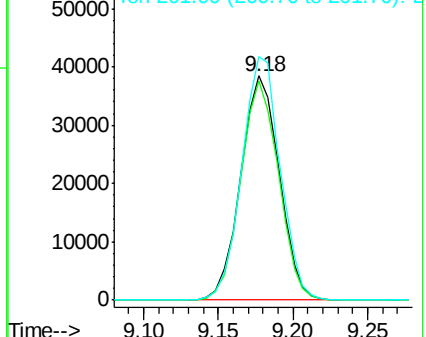
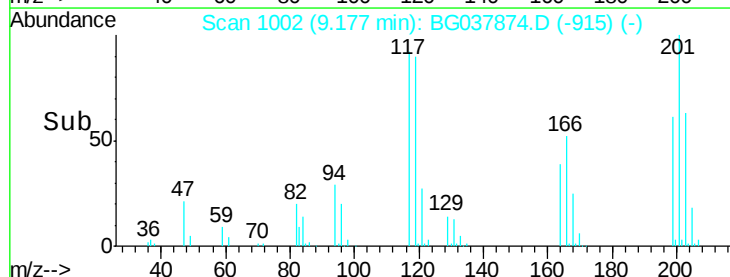


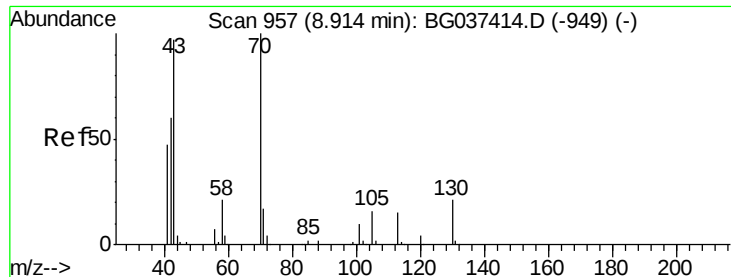
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

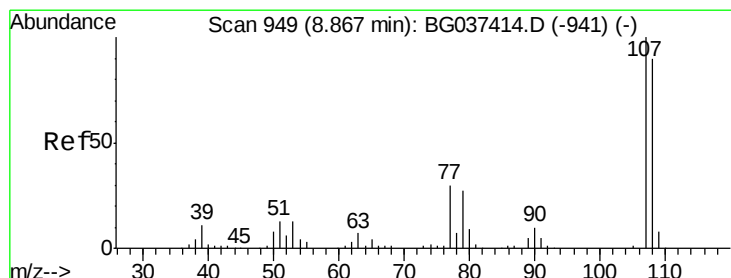
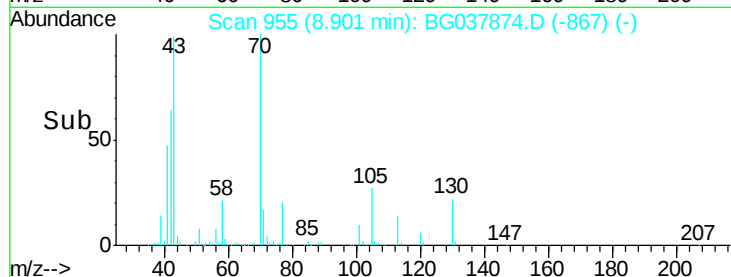
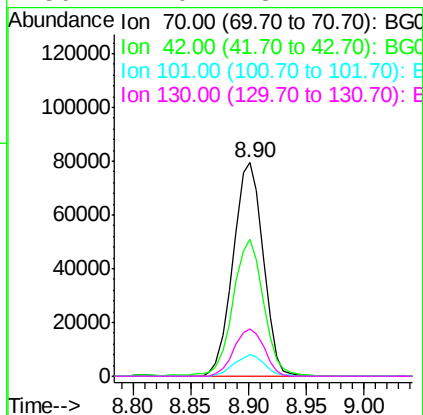
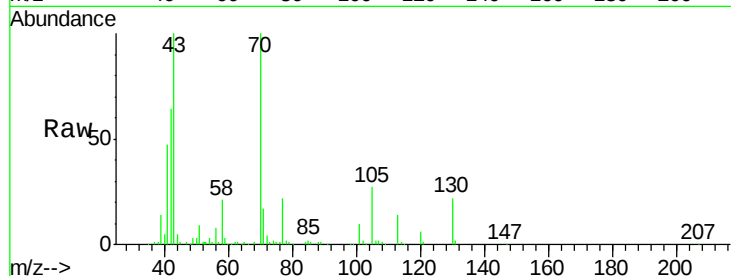




#19
n-Nitroso-di-n-propylamine
Concen: 37.47 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

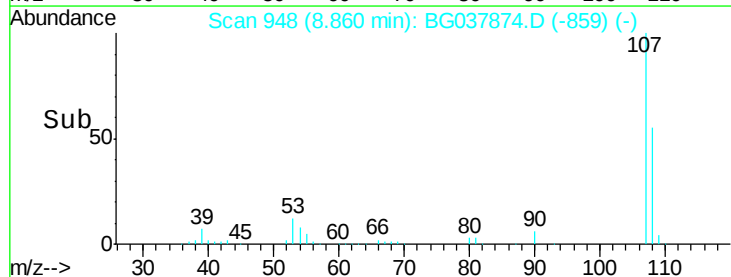
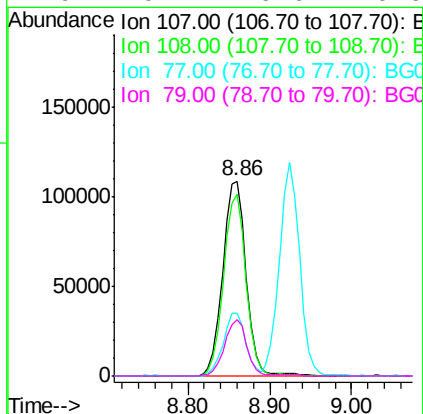
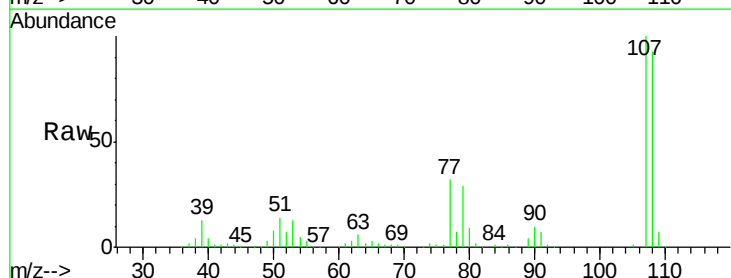
Instrument :
BNA_G
ClientSampleId :

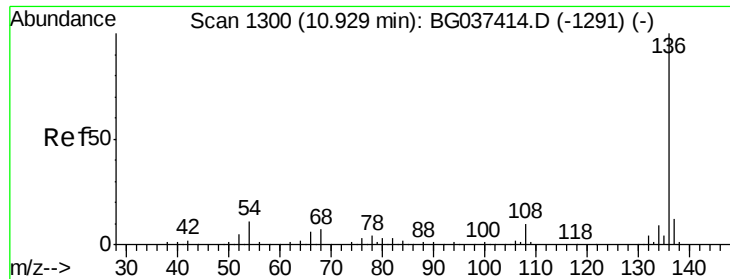
Tot Ion: 70 Resp: 143234
Ion Ratio Lower Upper
70 100
42 64.4 53.9 80.9
101 9.9 8.2 12.2
130 22.0 18.2 27.4



#20
3+4-Methylphenols
Concen: 38.90 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion: 107 Resp: 215401
Ion Ratio Lower Upper
107 100
108 93.4 69.9 109.9
77 32.2 11.2 51.2
79 29.1 6.6 46.6

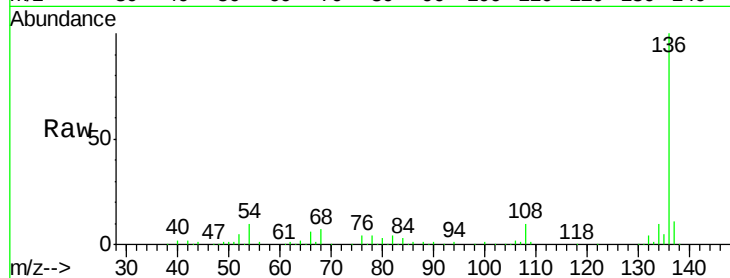




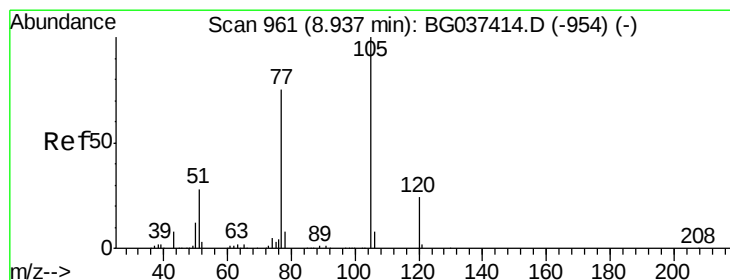
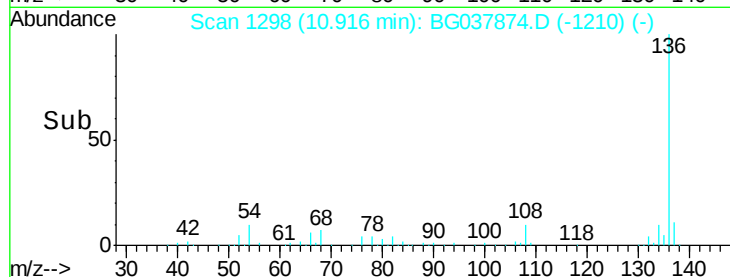
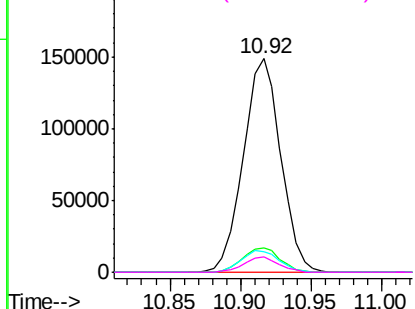
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	275426
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.6 14.4
54	9.9	7.9 11.9
68	7.3	4.8 7.2#

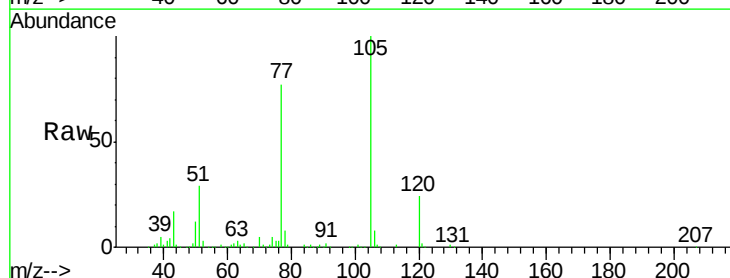


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

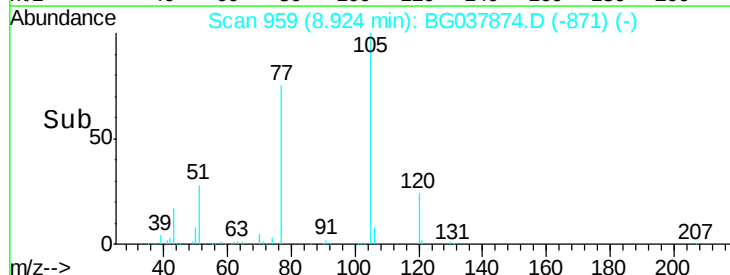
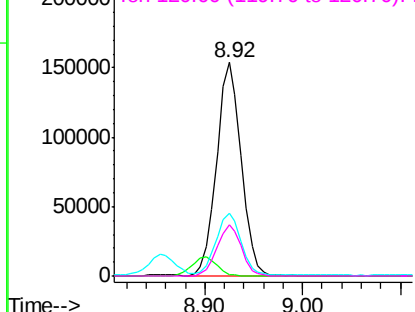


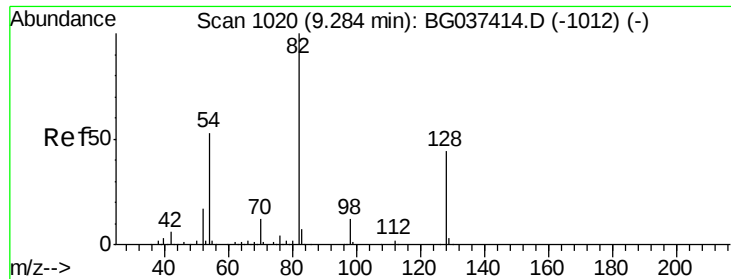
#22
Acetophenone
Concen: 38.82 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:105	Resp:	268172
Ion Ratio	Lower	Upper
105	100	
71	0.7	1.2 1.8#
51	29.4	25.0 37.6
120	24.2	18.6 28.0



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

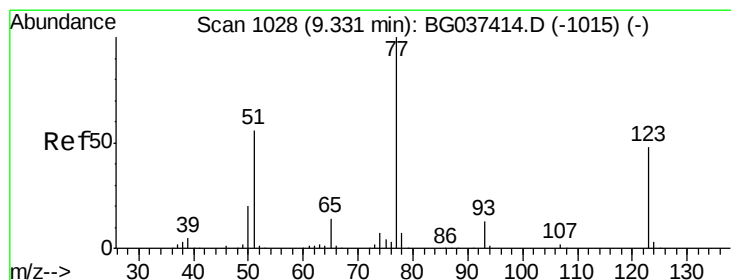
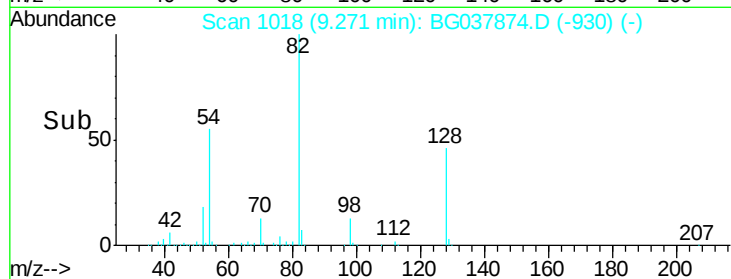
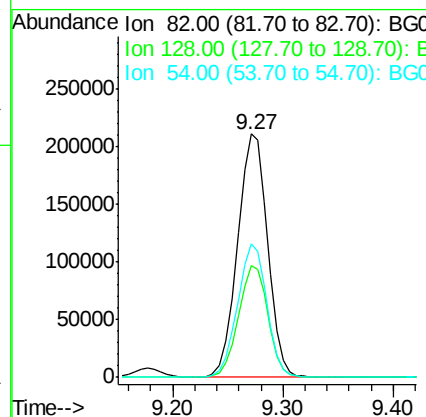
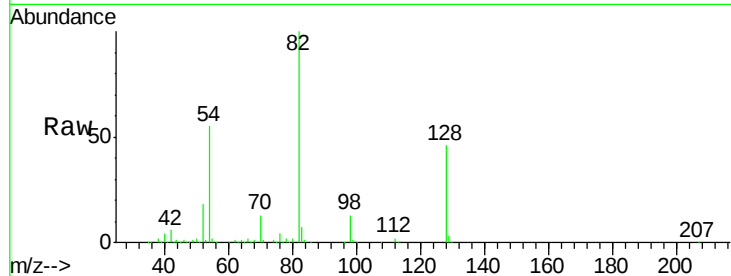




#23
 Nitrobenzene-d5
 Concen: 82.08 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

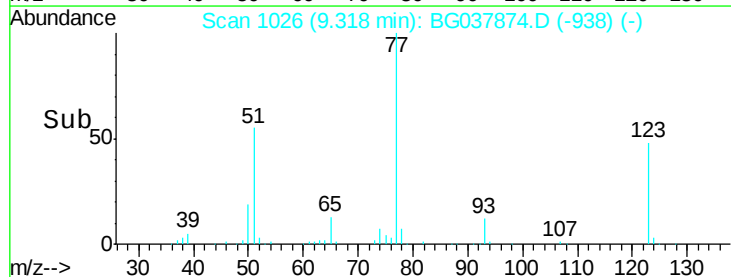
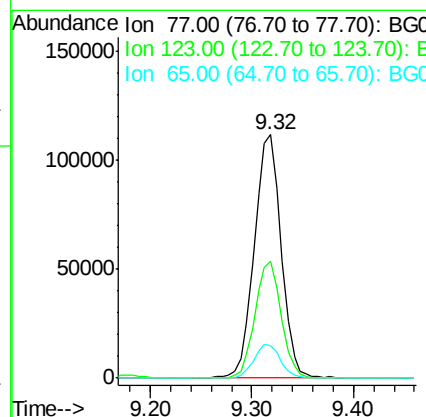
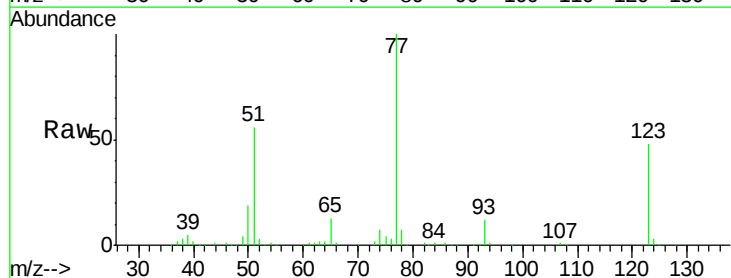
Instrument :
 BNA_G
 ClientSampleId :

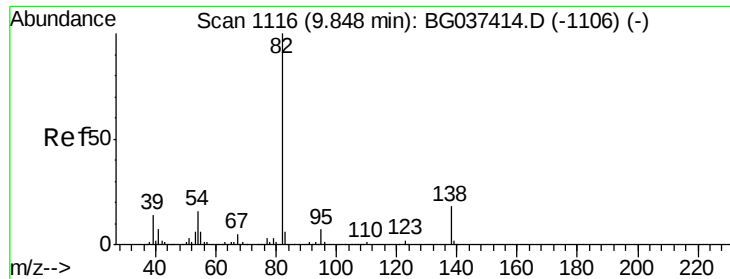
Tot Ion	82	Resp	403545
Ion Ratio	100	Lower	Upper
128	45.8	34.6	51.8
54	55.0	45.3	67.9



#24
 Nitrobenzene
 Concen: 40.01 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

Tgt Ion	77	Resp	204373
Ion Ratio	100	Lower	Upper
123	47.8	33.6	50.4
65	13.3	11.3	16.9





#25

Isophorone

Concen: 39.10 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

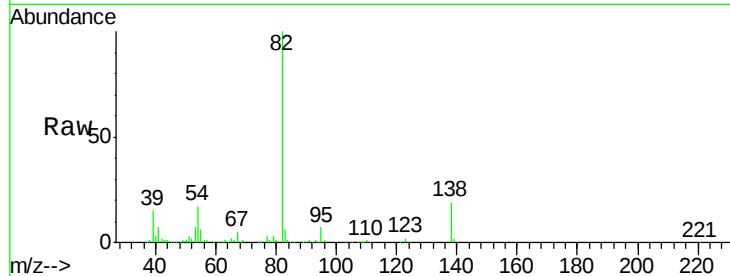
Tot Ion: 82 Resp: 351216

Ion Ratio Lower Upper

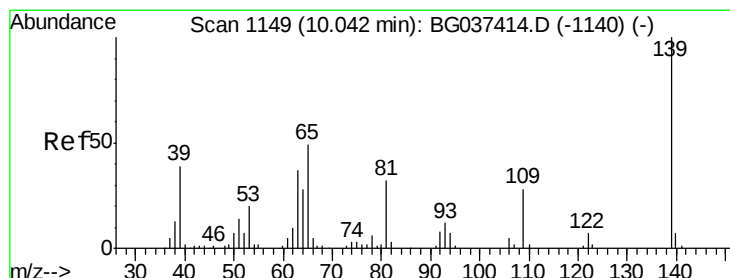
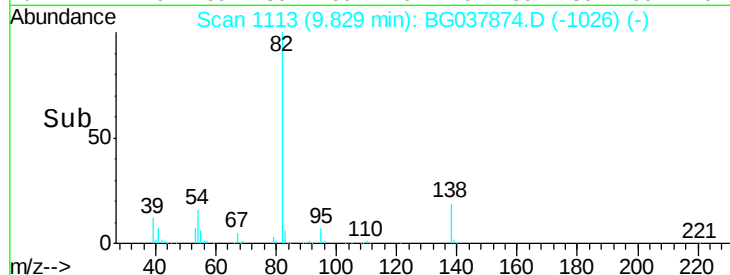
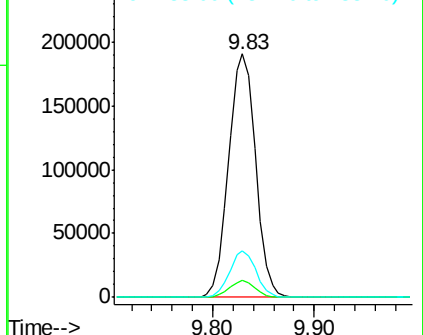
82 100

95 7.2 5.3 7.9

138 19.0 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: 46.47 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

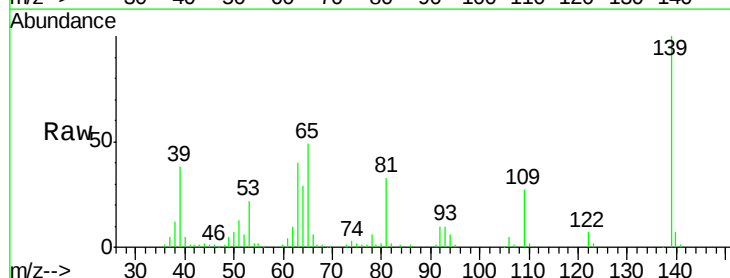
Tgt Ion: 139 Resp: 106929

Ion Ratio Lower Upper

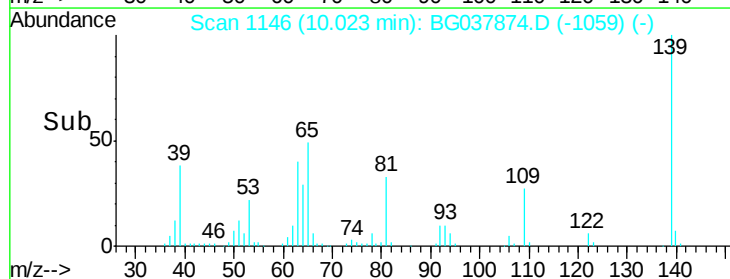
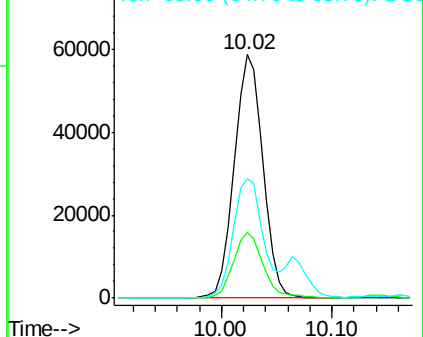
139 100

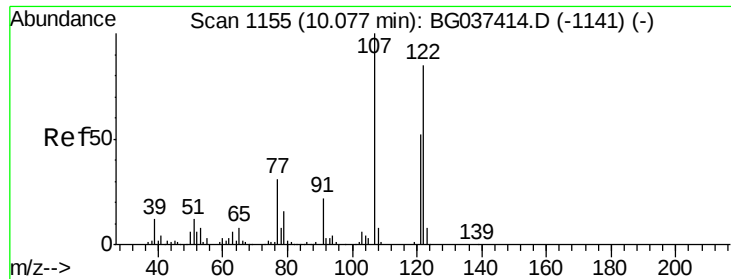
109 27.1 23.3 34.9

65 49.2 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

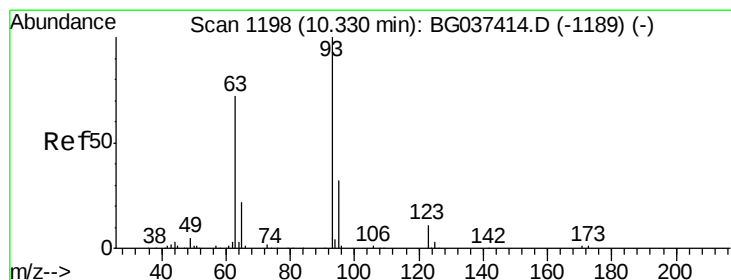
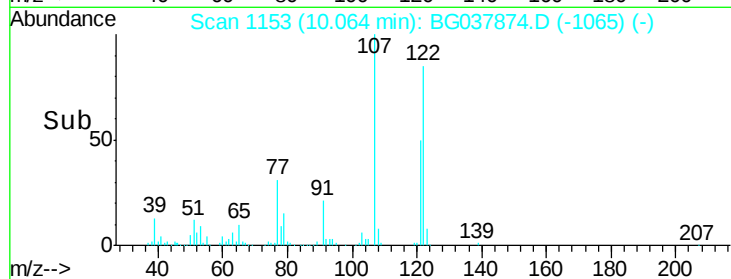
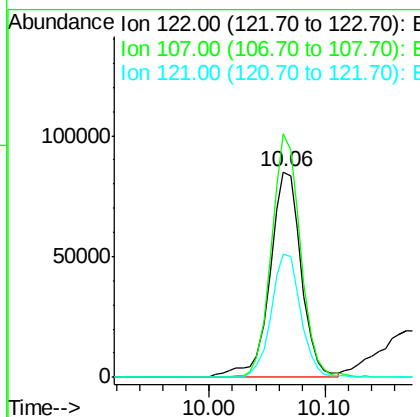
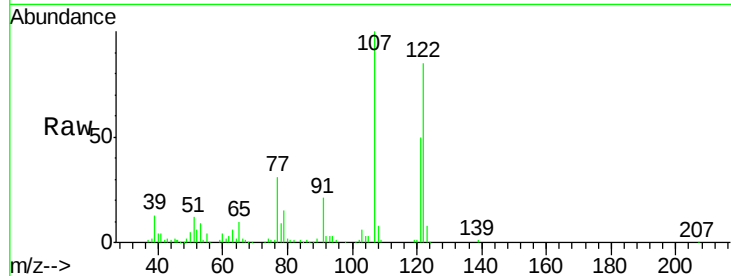




#27
 2,4-Dimethylphenol
 Concen: 39.08 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

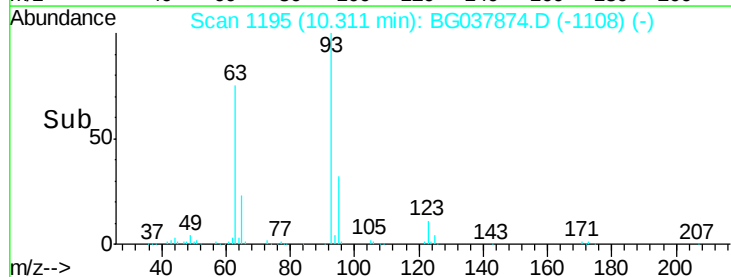
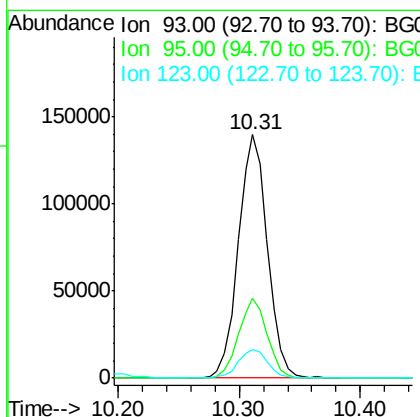
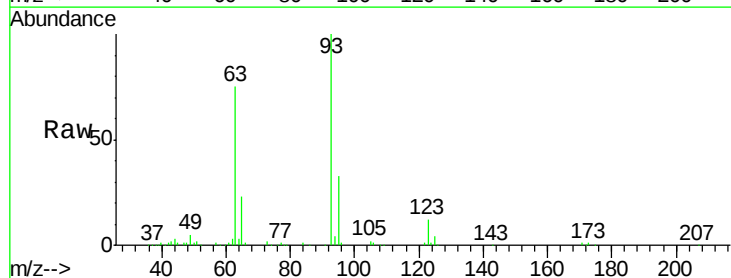
Instrument :
 BNA_G
 ClientSampleId :

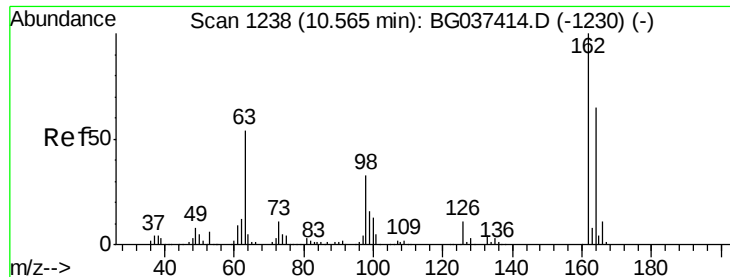
Tot Ion:122 Resp: 160543
 Ion Ratio Lower Upper
 122 100
 107 118.3 94.2 141.2
 121 59.7 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.73 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

Tgt Ion: 93 Resp: 233829
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.6 37.0
 123 11.6 9.1 13.7

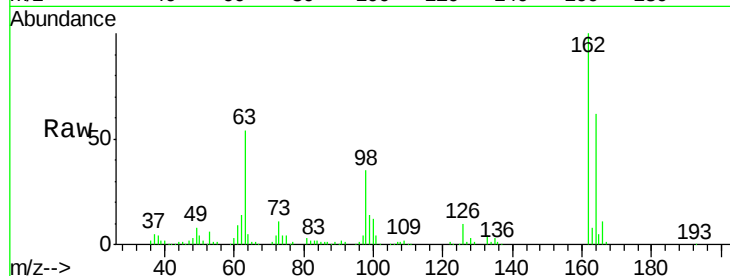




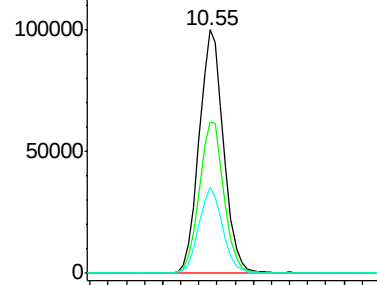
#29
 2,4-Dichlorophenol
 Concen: 40.81 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

Instrument :
 BNA_G
 ClientSampleId :

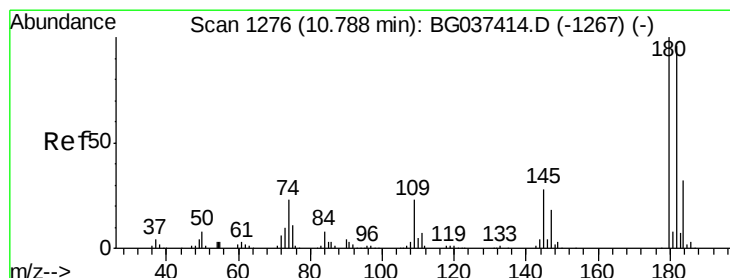
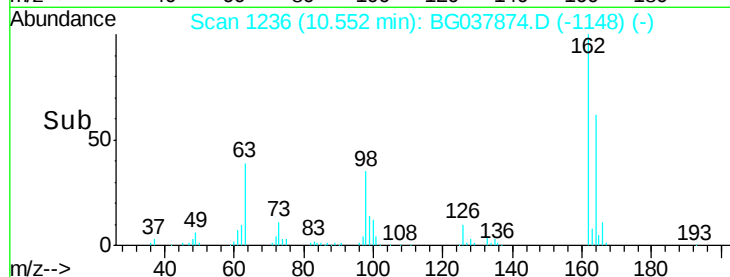
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.2	83.2
98	35.2	16.0	56.0



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

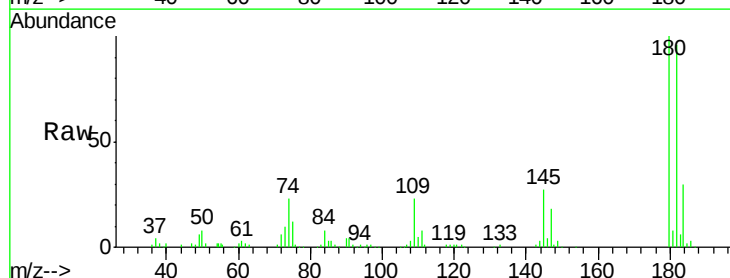


Time-->

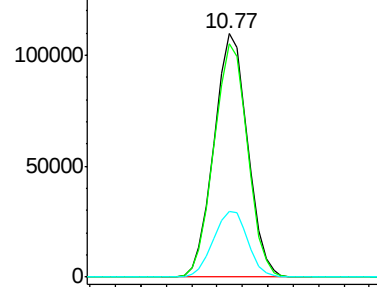


#30
 1,2,4-Trichlorobenzene
 Concen: 40.60 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

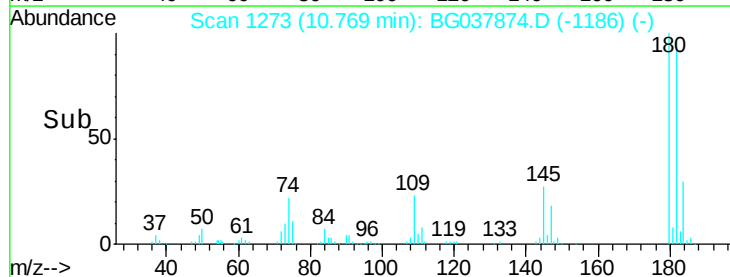
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.7	116.5
145	27.2	23.3	34.9

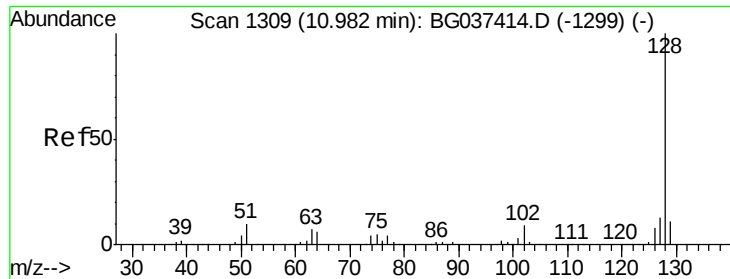


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->

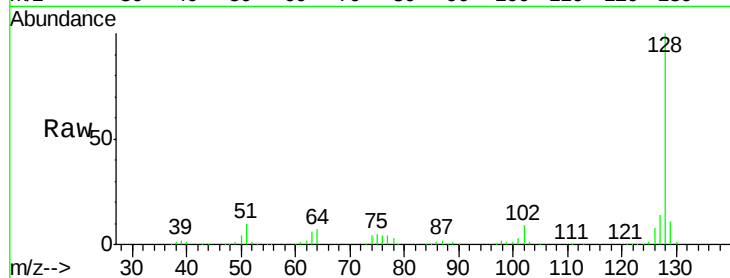




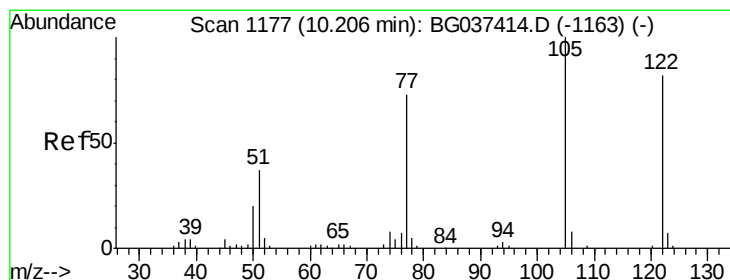
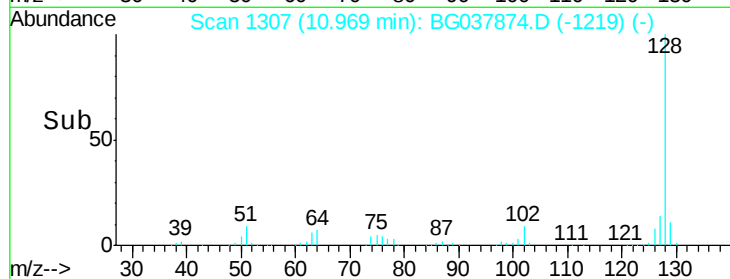
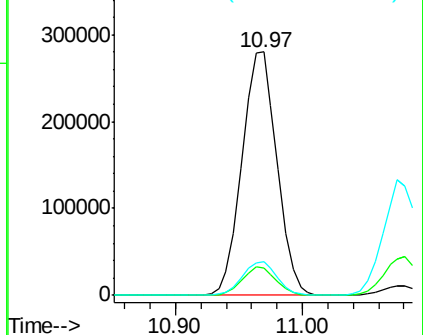
#31
Naphthalene
Concen: 39.63 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 536114
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.0 11.1 16.7

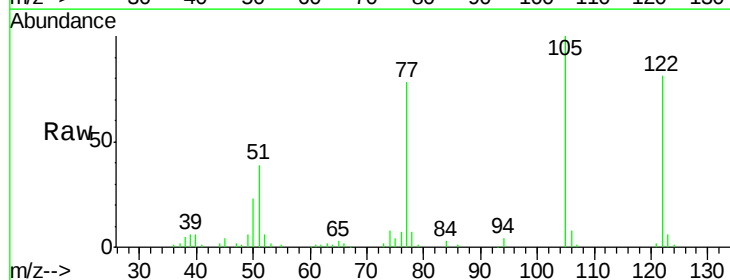


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

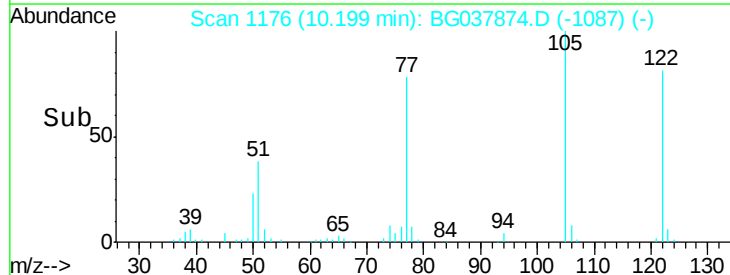
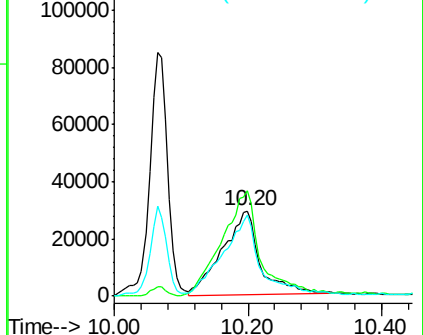


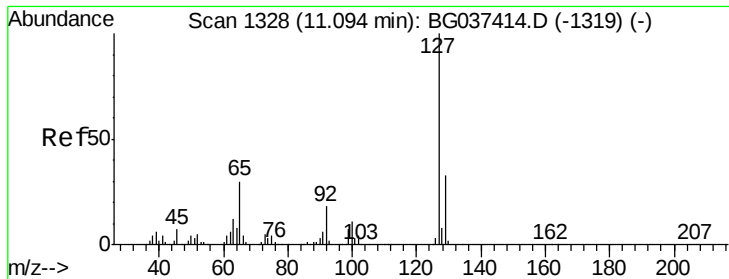
#32
Benzoic acid
Concen: 43.35 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:122 Resp: 115680
Ion Ratio Lower Upper
122 100
105 123.8 106.7 146.7
77 96.2 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

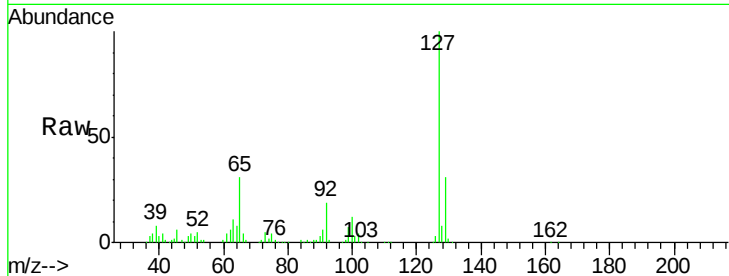




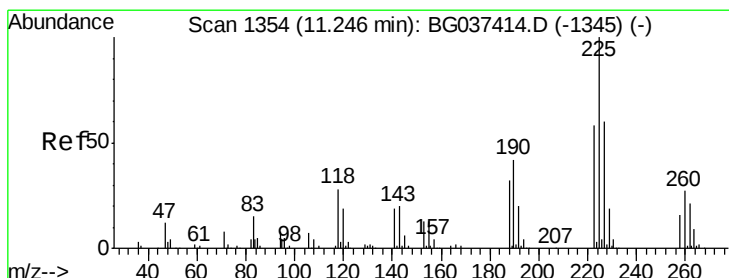
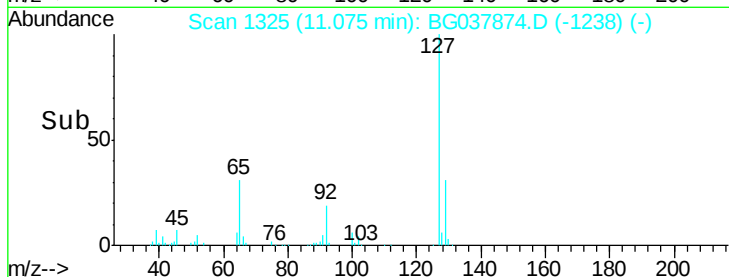
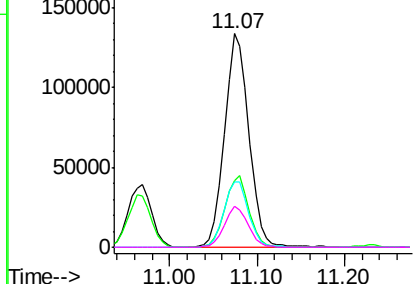
#33
4-Chloroaniline
Concen: 40.07 ng
RT: 11.07 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	254698
Ion	Ratio	Lower	Upper
127	100		
129	31.1	27.1	40.7
65	30.7	26.6	39.8
92	19.0	16.4	24.6

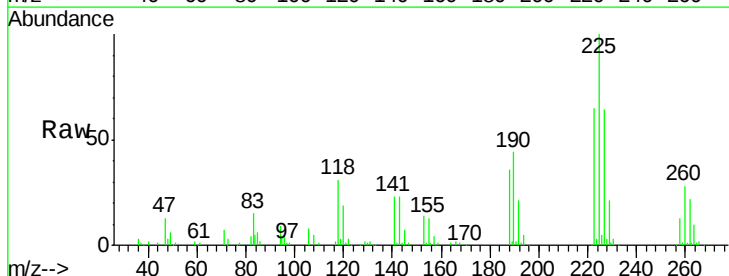


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

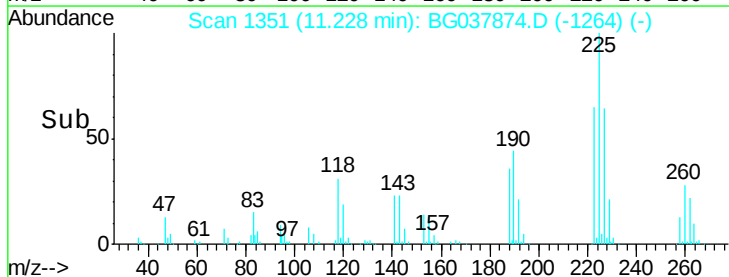
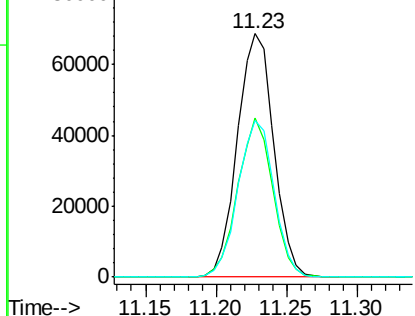


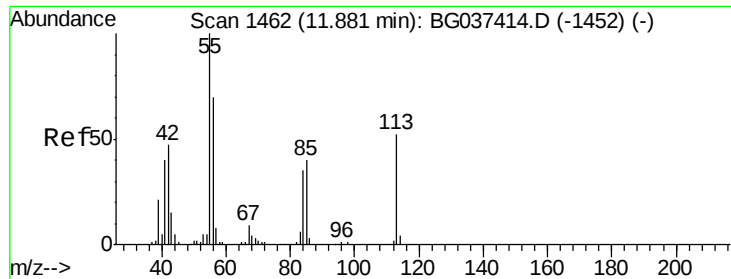
#34
Hexachlorobutadiene
Concen: 41.97 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:	225	Resp:	123745
Ion	Ratio	Lower	Upper
225	100		
223	65.3	48.2	72.4
227	63.8	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

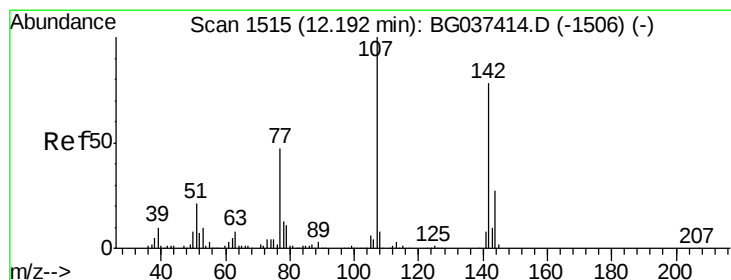
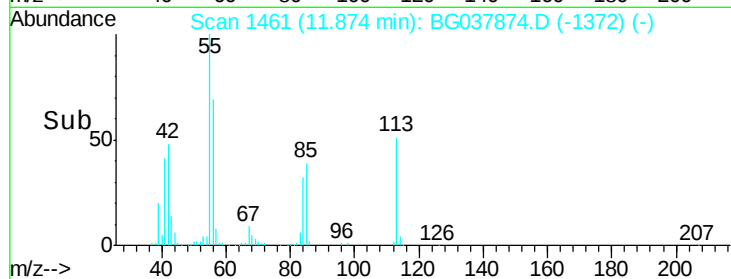
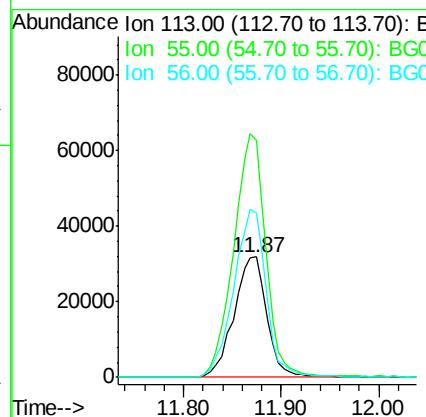
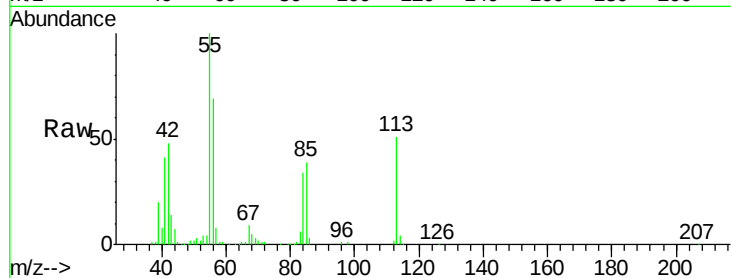




#35
Caprolactam
Concen: 40.54 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

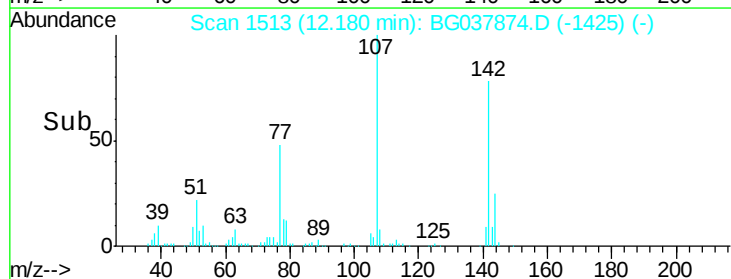
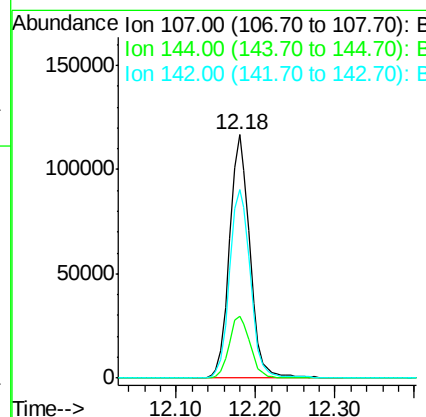
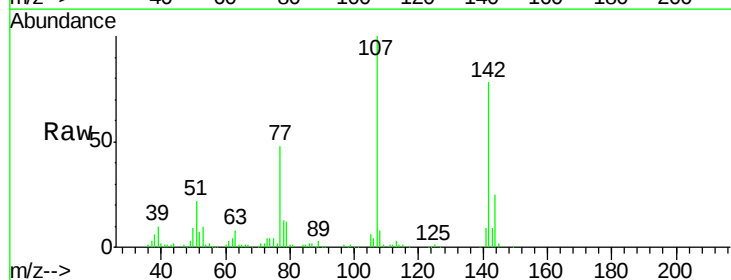
Instrument :
BNA_G
ClientSampleId :

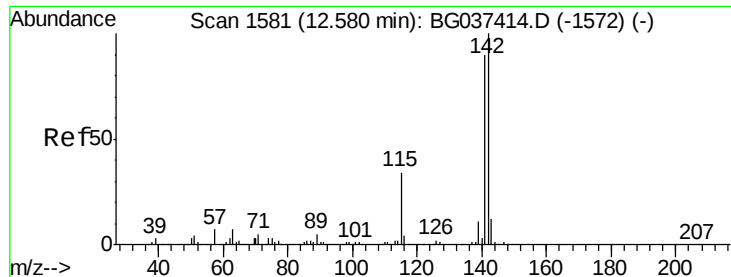
Tot Ion:113 Resp: 74381
Ion Ratio Lower Upper
113 100
55 196.8 176.6 216.6
56 136.1 128.3 168.3



#36
4-Chloro-3-methylphenol
Concen: 40.02 ng
RT: 12.18 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:107 Resp: 206472
Ion Ratio Lower Upper
107 100
144 25.5 20.7 31.1
142 77.5 64.4 96.6

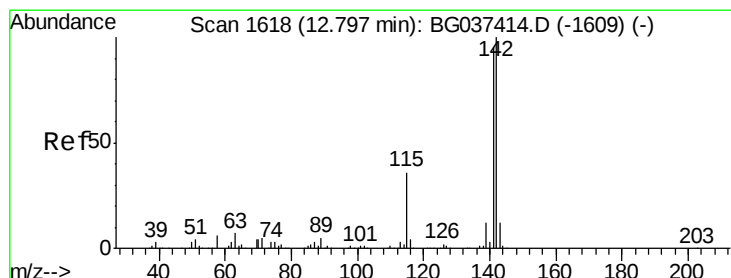
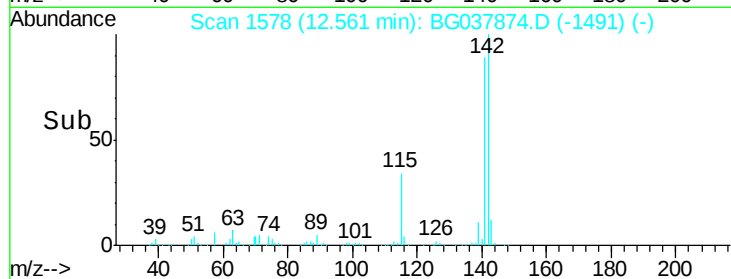
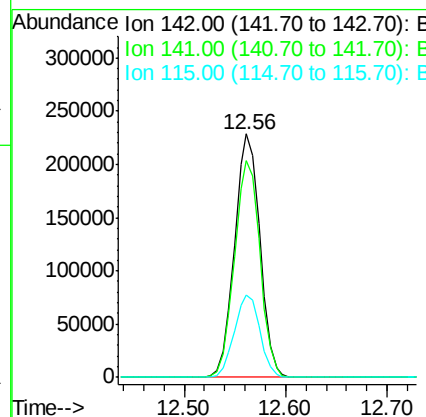
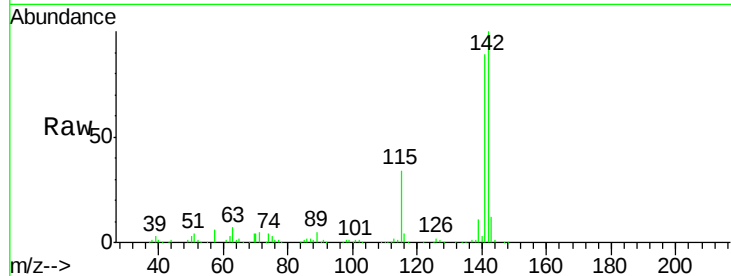




#37
 2-Methylnaphthalene
 Concen: 40.09 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

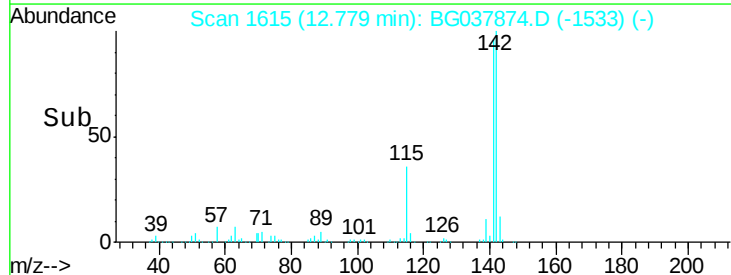
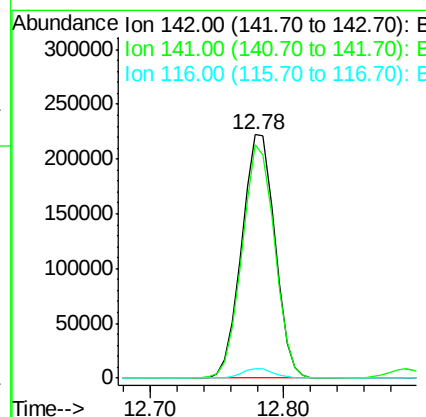
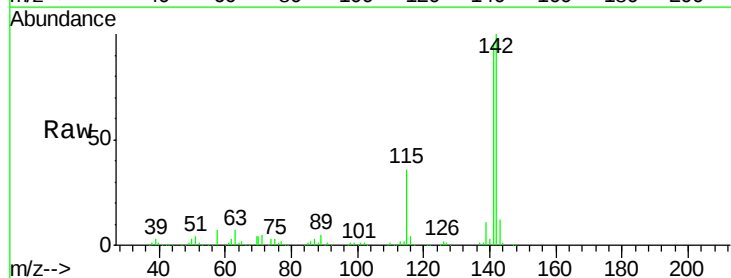
Instrument :
 BNA_G
 ClientSampleId :

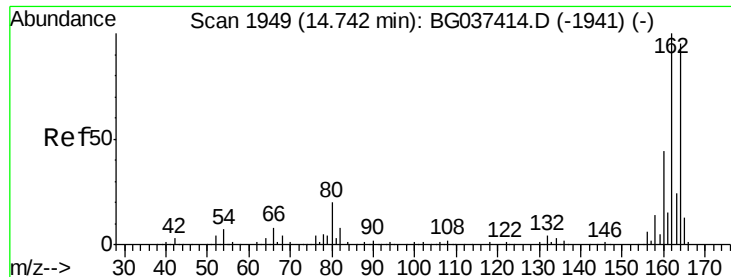
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	33.8	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 39.99 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.0	75.2	112.8
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

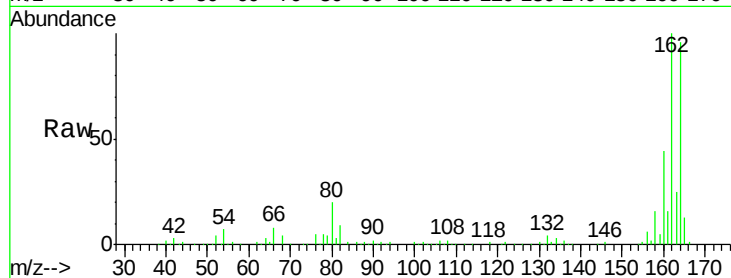
Tot Ion:164 Resp: 177018

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

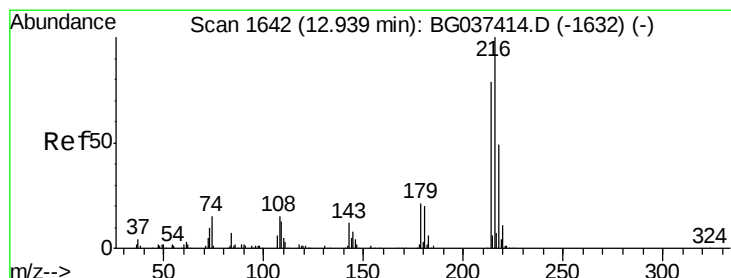
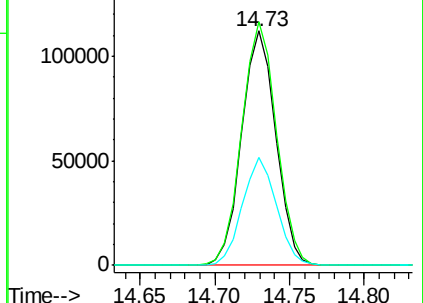
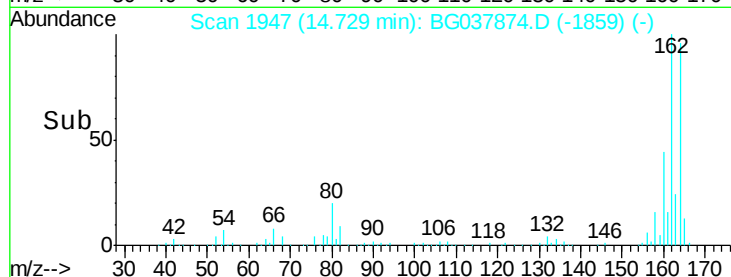
160 46.2 36.3 54.5



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: 41.65 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Tgt Ion:216 Resp: 237825

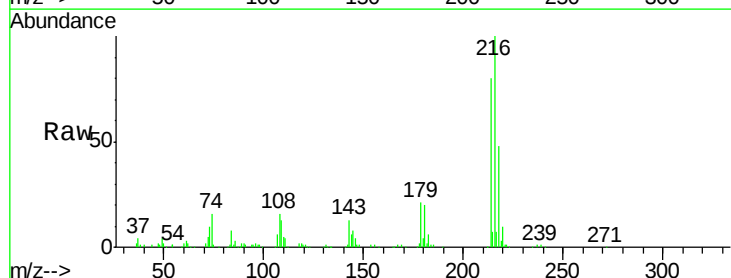
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 21.1 17.4 26.0

108 17.1 13.9 20.9

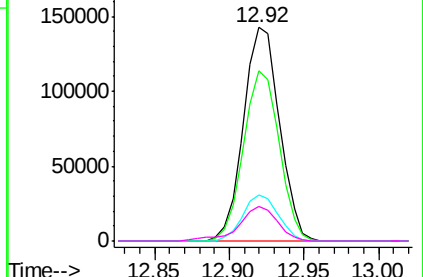
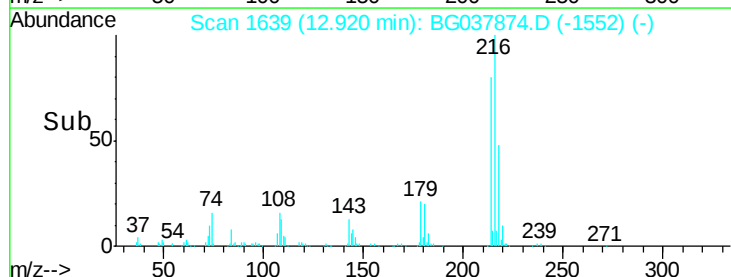


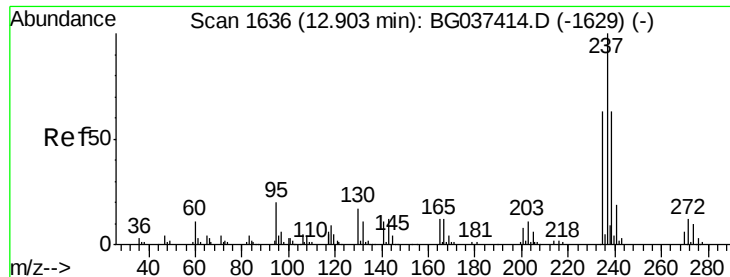
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.08 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

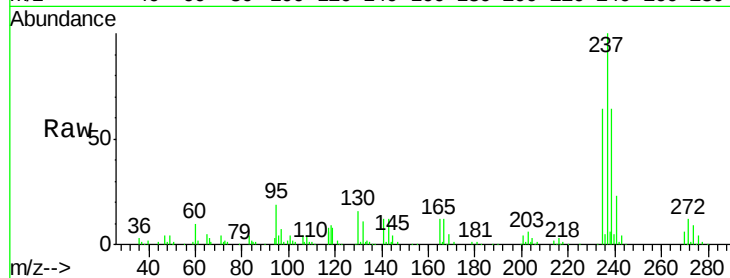
Tot Ion:237 Resp: 117491

Ion Ratio Lower Upper

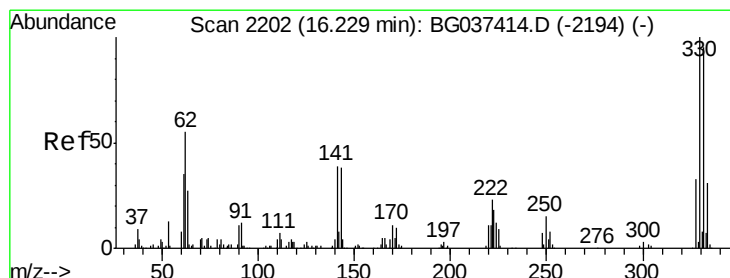
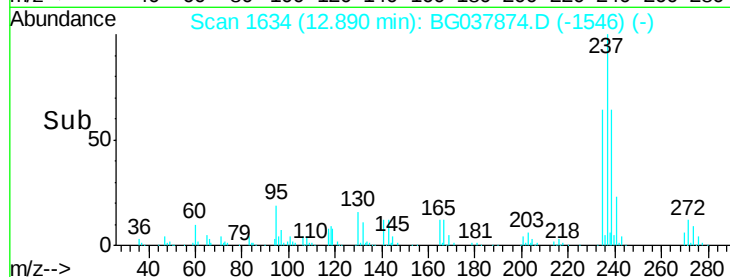
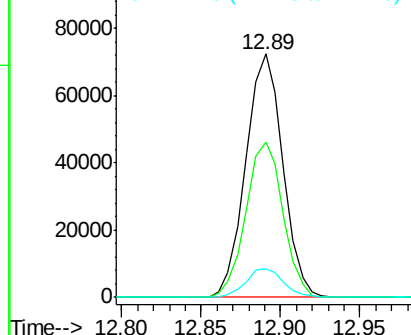
237 100

235 64.0 42.5 82.5

272 11.9 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 81.72 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

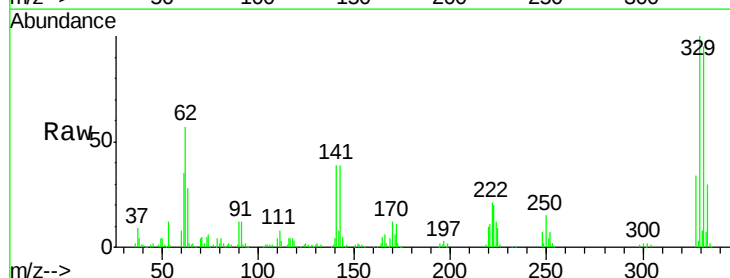
Tgt Ion:330 Resp: 157772

Ion Ratio Lower Upper

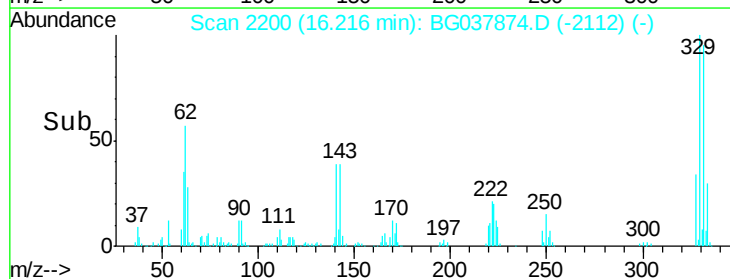
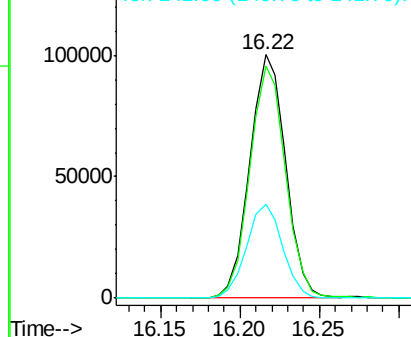
330 100

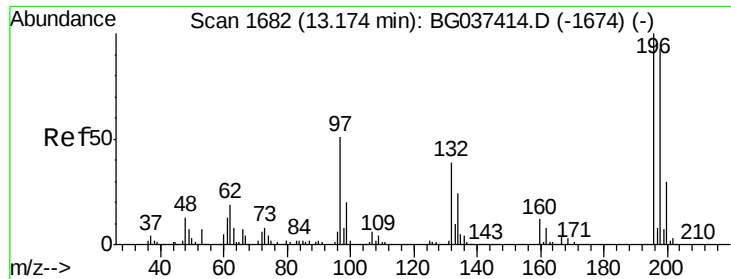
332 94.9 78.4 117.6

141 38.6 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

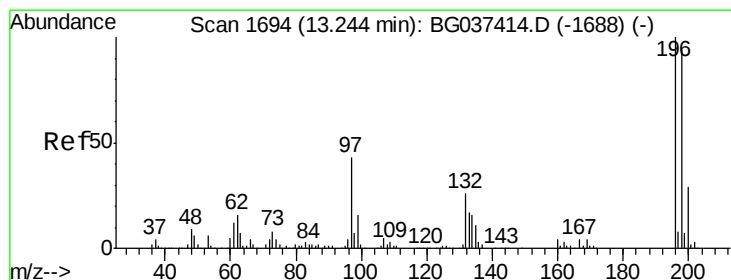
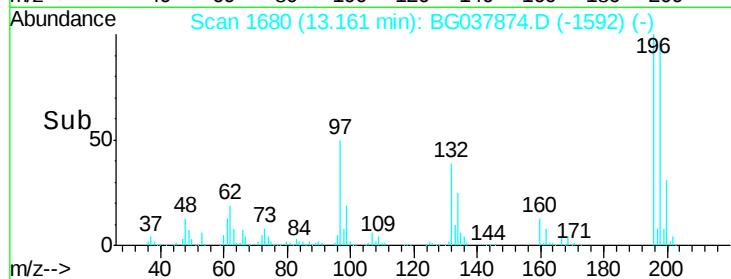
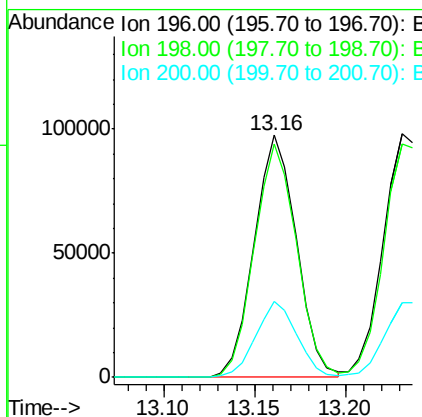
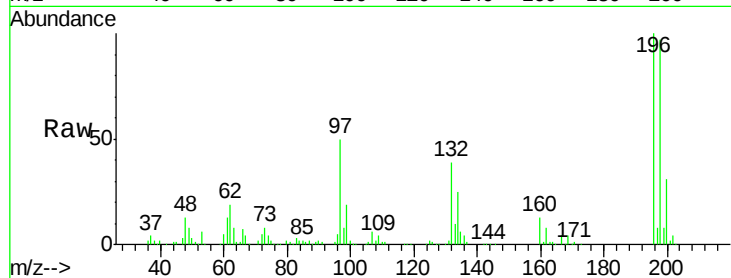




#43
 2,4,6-Trichlorophenol
 Concen: 41.48 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

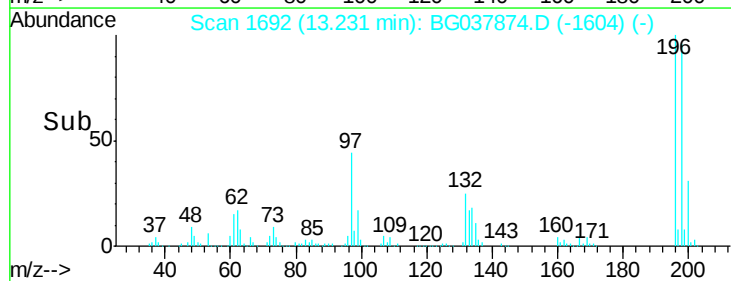
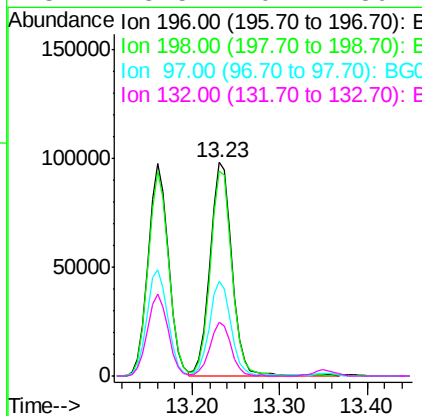
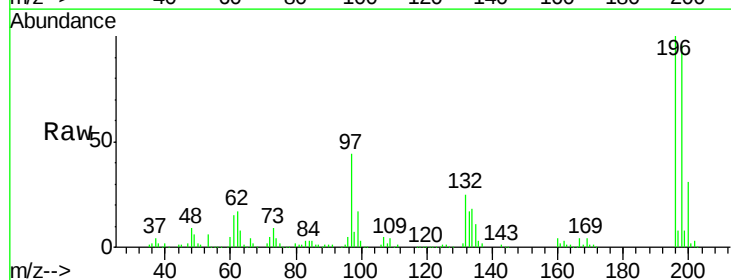
Instrument :
 BNA_G
 ClientSampled :

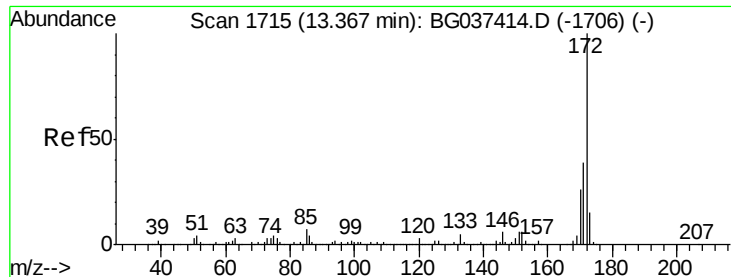
Tot Ion:196 Resp: 158229
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.4 114.6
 200 31.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.94 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

Tgt Ion:196 Resp: 170040
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.2
 97 44.4 34.1 51.1
 132 25.5 20.2 30.4

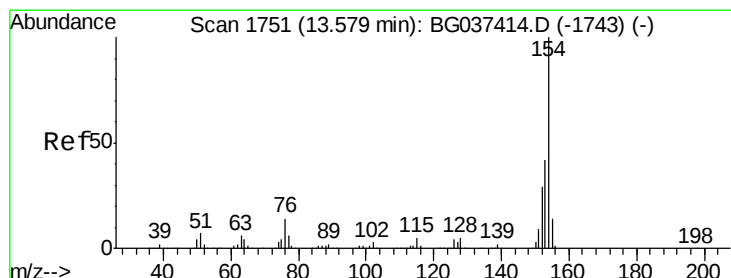
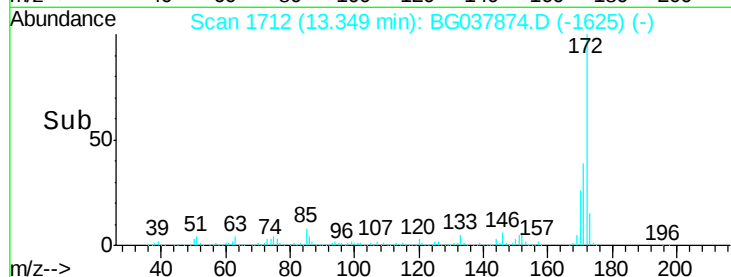
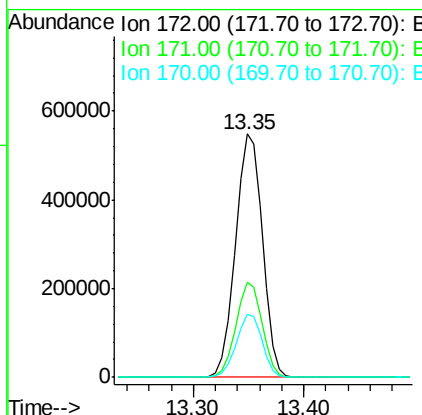
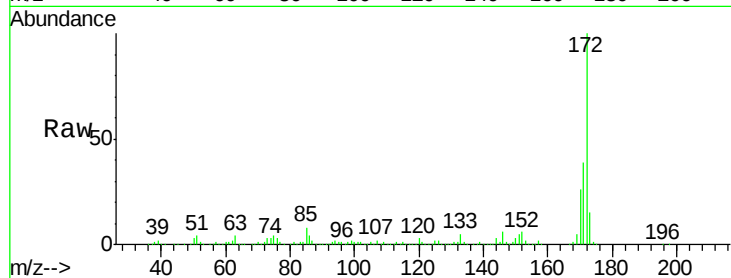




#45
 2-Fluorobiphenyl
 Concen: 80.13 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

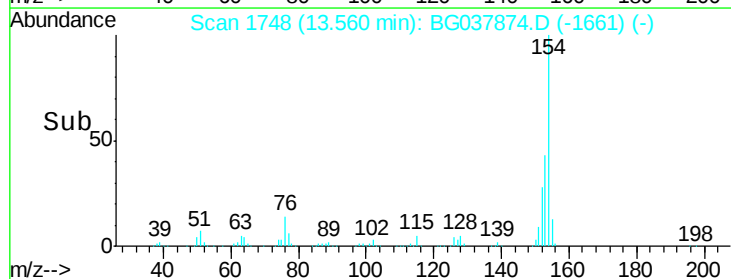
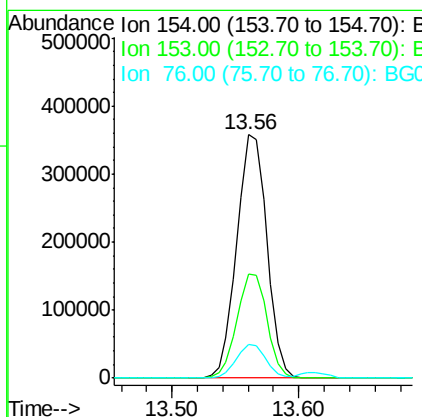
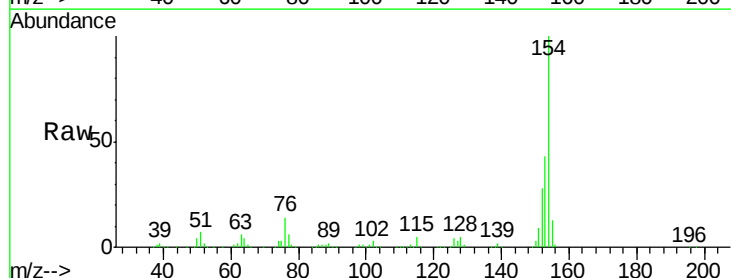
Instrument :
 BNA_G
 ClientSampleId :

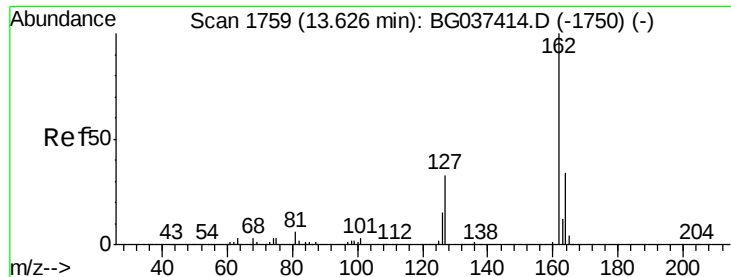
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	26.0	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 40.11 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	13.8	0.0	33.2

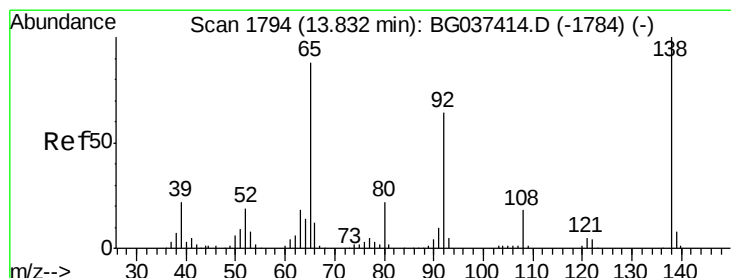
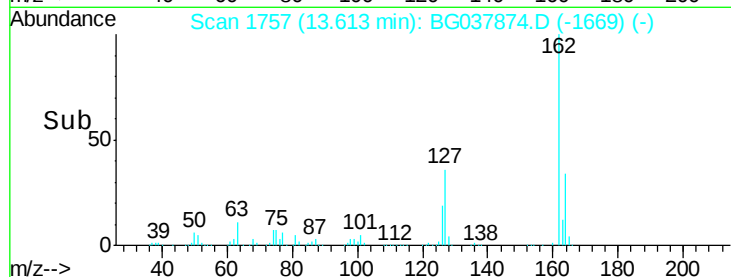
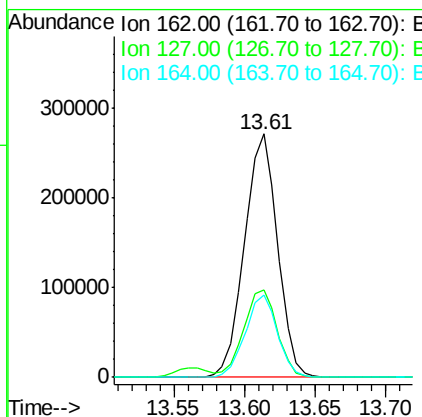
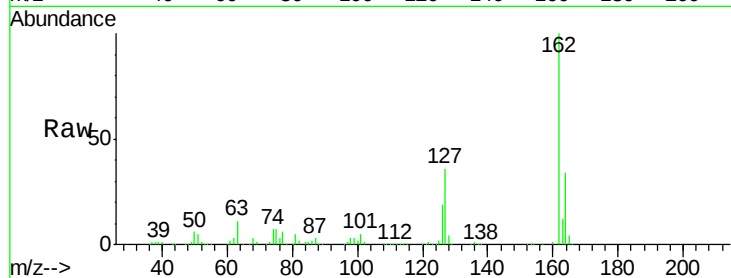




#47
2-Chloronaphthalene
Concen: 40.07 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

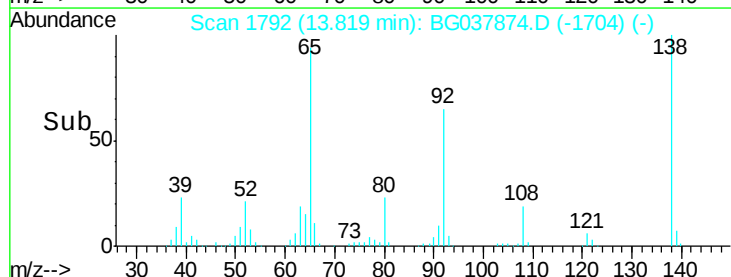
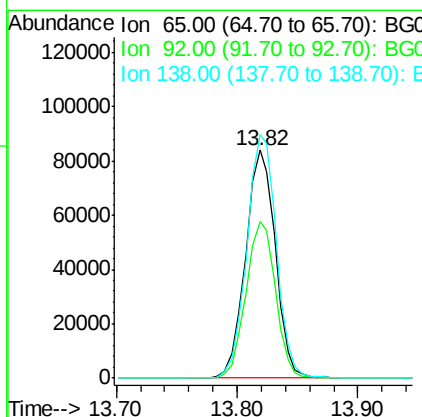
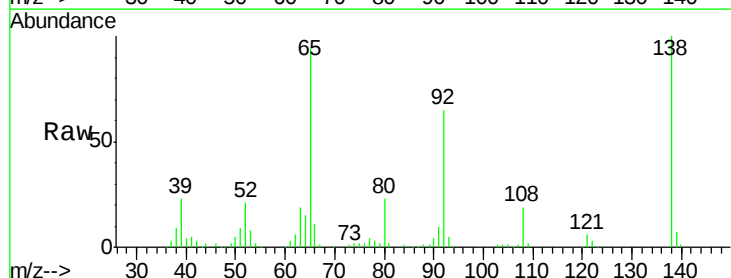
Instrument :
BNA_G
ClientSampleId :

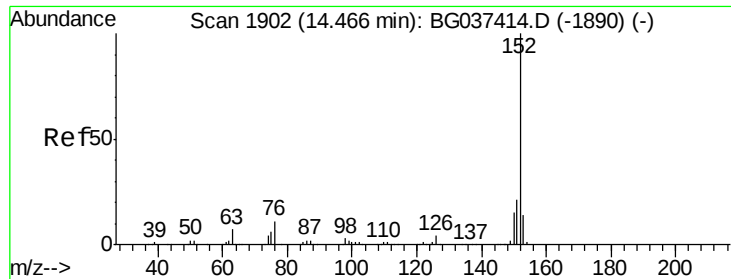
Tot Ion:162 Resp: 444365
Ion Ratio Lower Upper
162 100
127 35.9 30.5 45.7
164 33.9 26.4 39.6



#48
2-Nitroaniline
Concen: 42.96 ng
RT: 13.82 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion: 65 Resp: 144496
Ion Ratio Lower Upper
65 100
92 69.0 53.2 79.8
138 106.9 79.3 118.9





#49

Acenaphthylene

Concen: 40.57 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampled :

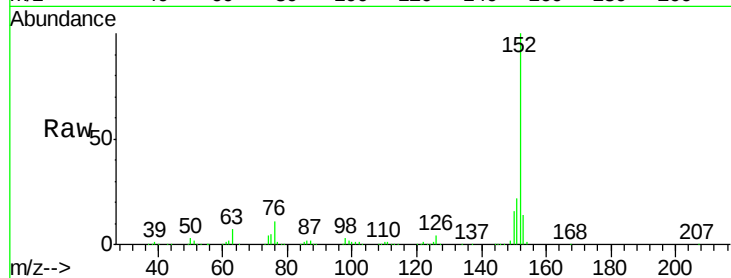
Tot Ion:152 Resp: 676909

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

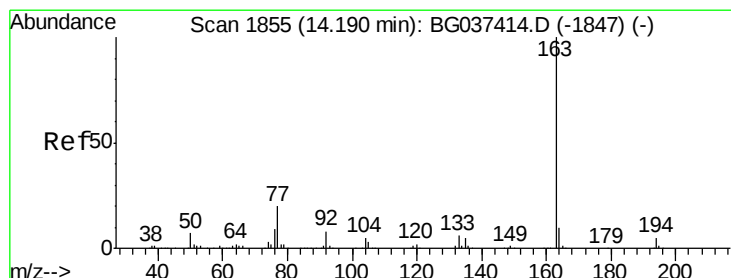
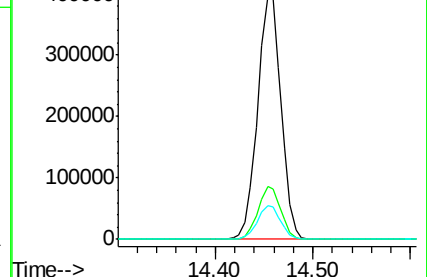
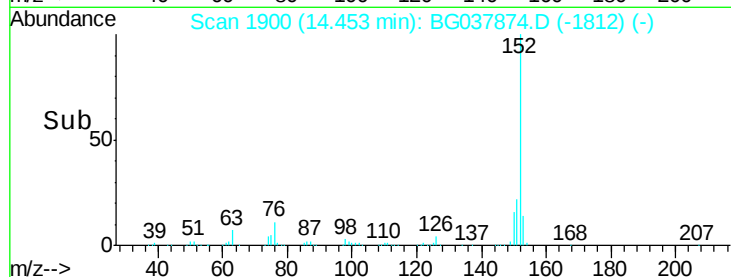
153 14.0 11.1 16.7



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: 39.60 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

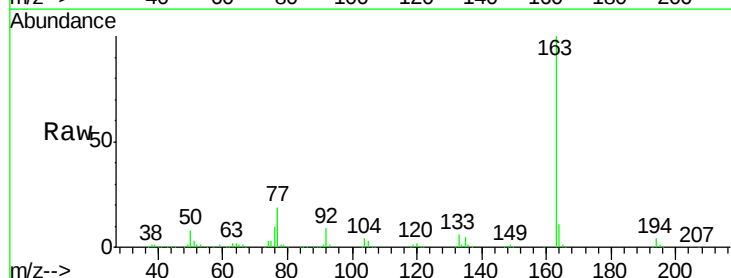
Tgt Ion:163 Resp: 542309

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

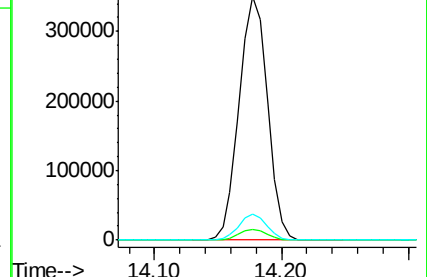
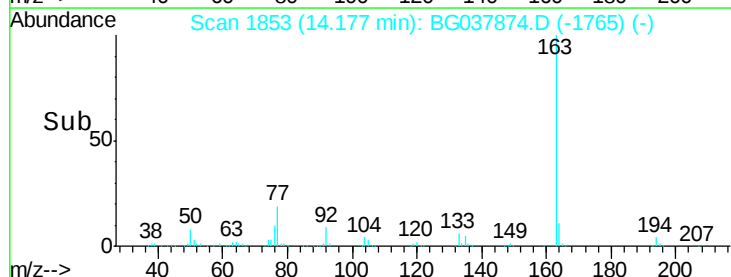
164 10.7 8.5 12.7

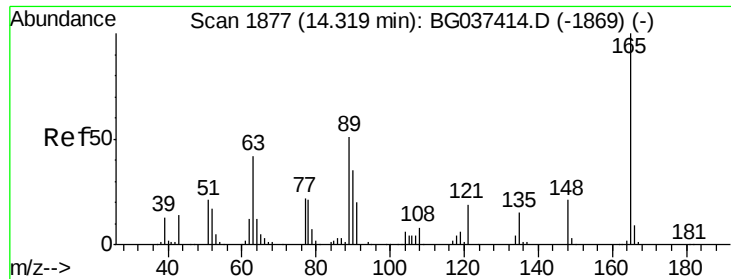


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

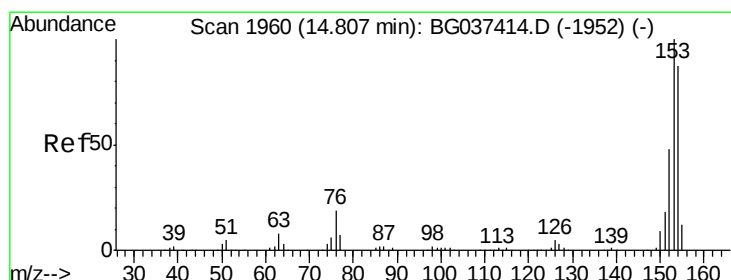
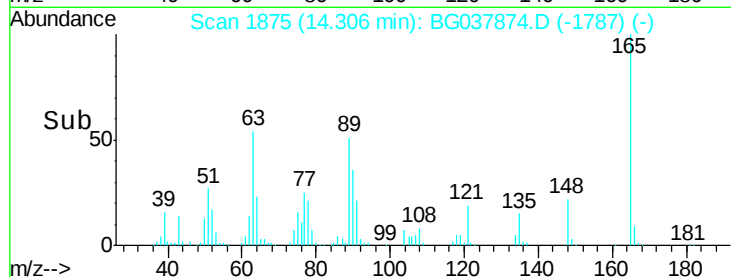
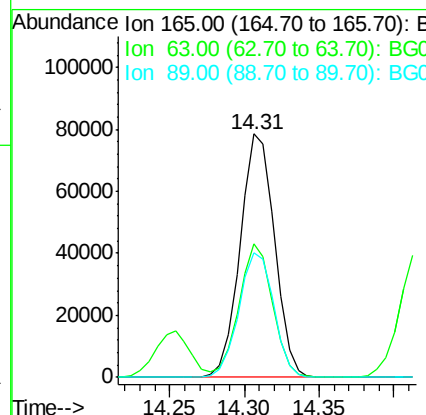
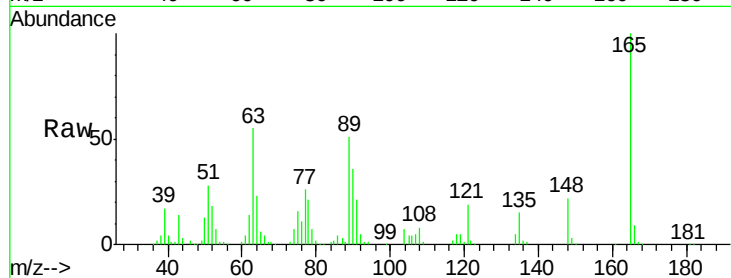




#51
 2,6-Dinitrotoluene
 Concen: 41.41 ng
 RT: 14.31 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

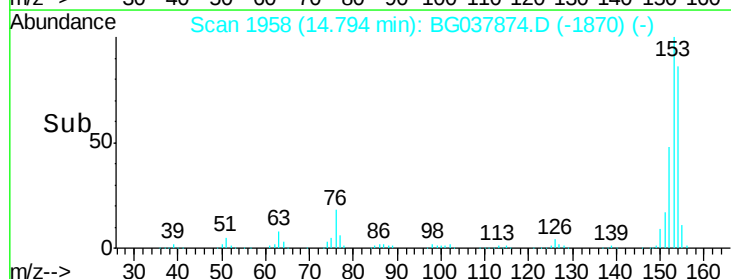
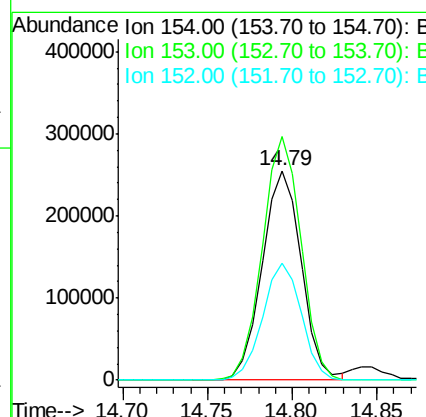
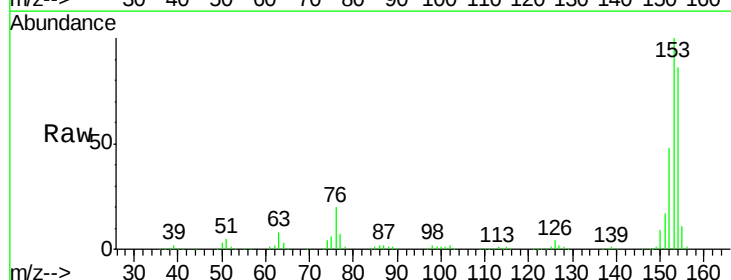
Instrument :
 BNA_G
 ClientSampleId :

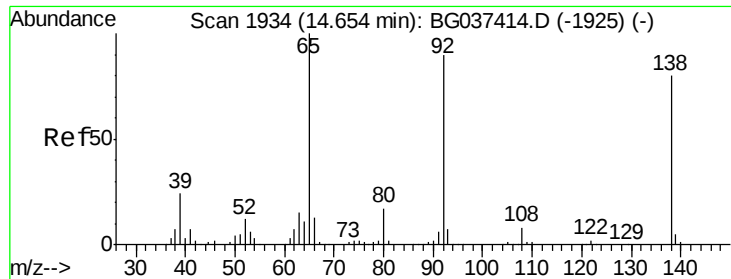
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	54.8	43.4	65.2	
89	51.1	45.8	68.6	



#52
 Acenaphthene
 Concen: 39.96 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG037874.D
 Acq: 7 Nov 2018 21:18

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	116.4	93.4	140.0	
152	55.8	44.7	67.1	





#53

3-Nitroaniline

Concen: 40.73 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

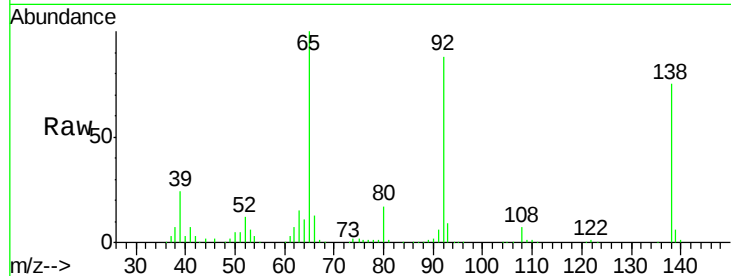
Tot Ion:138 Resp: 136997

Ion Ratio Lower Upper

138 100

108 9.4 11.0 16.6#

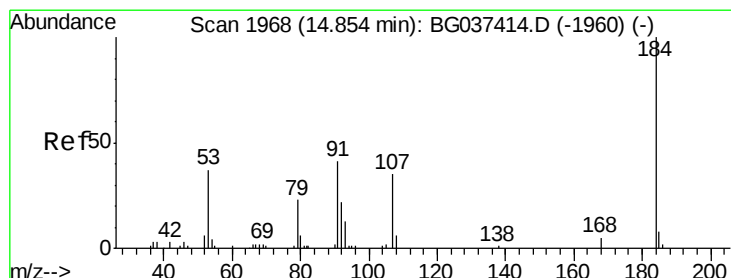
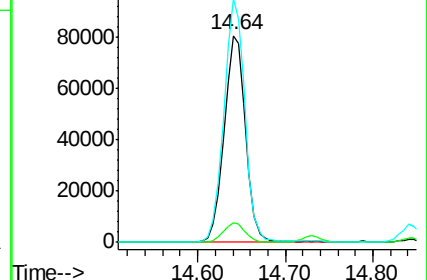
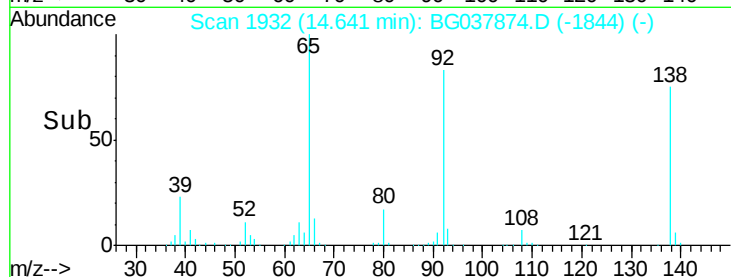
92 117.9 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 49.44 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

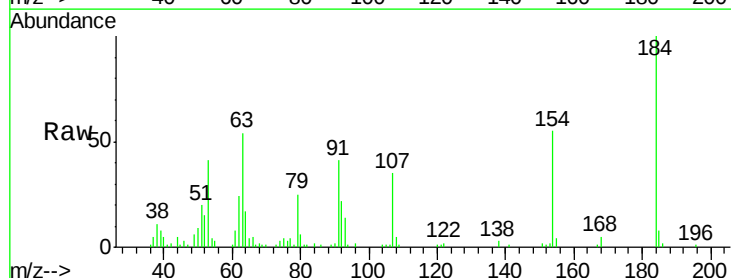
Tgt Ion:184 Resp: 49152

Ion Ratio Lower Upper

184 100

63 53.6 42.6 63.8

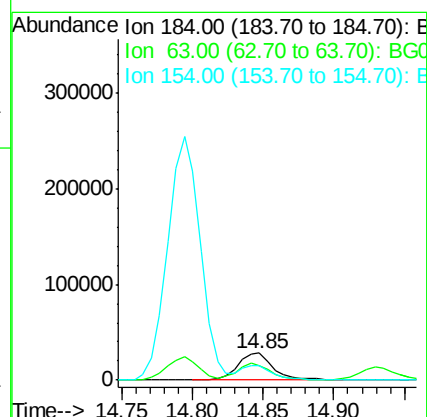
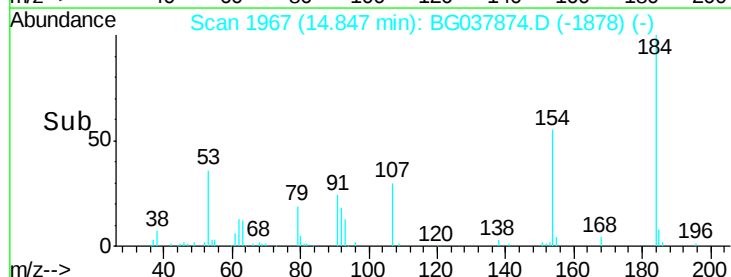
154 55.0 41.8 62.6

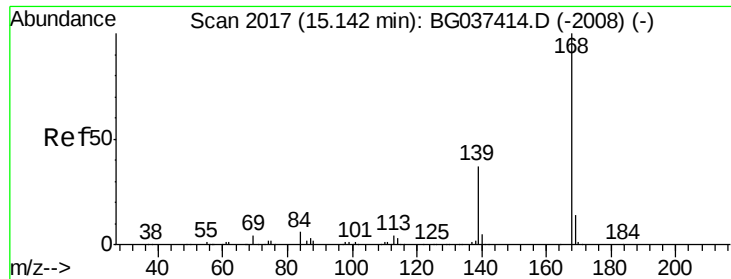


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

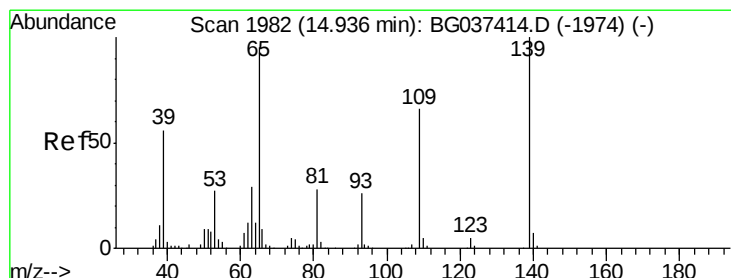
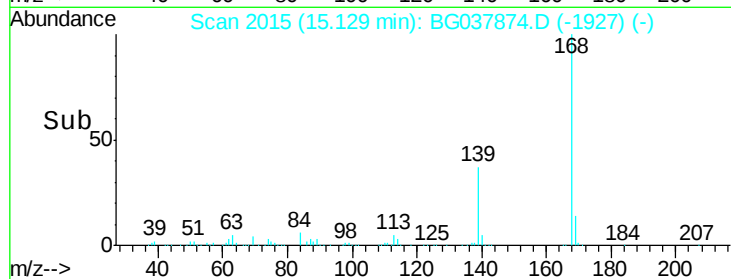
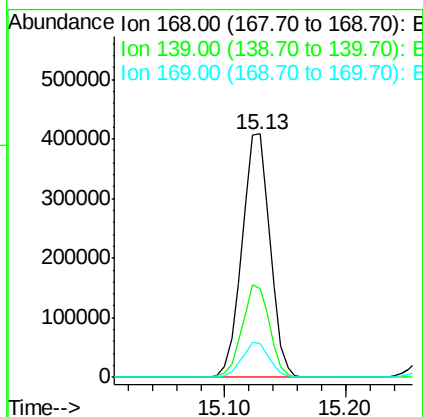
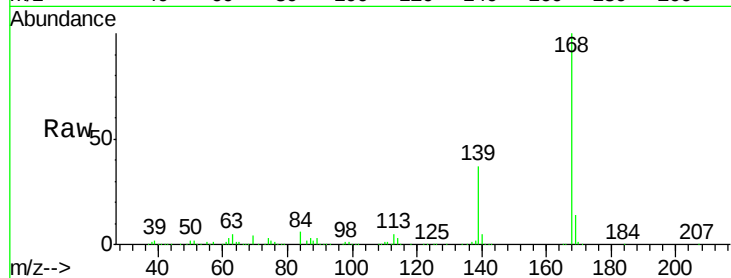




#55
Dibenzofuran
Concen: 38.96 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

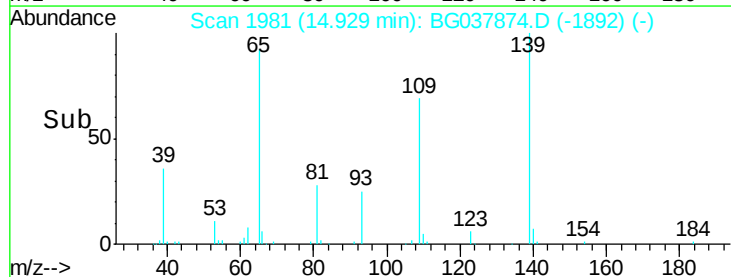
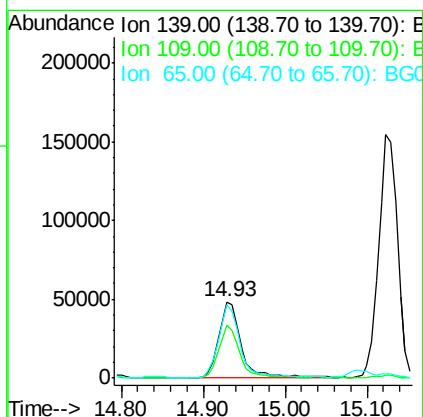
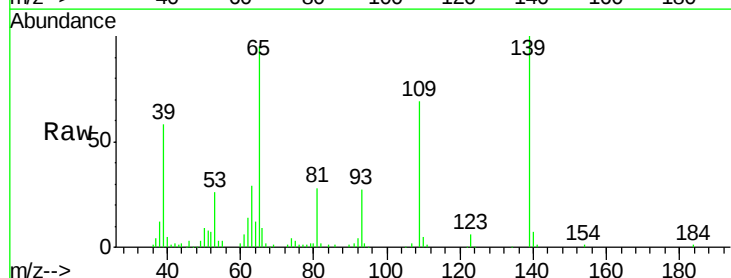
Instrument :
BNA_G
ClientSampleId :

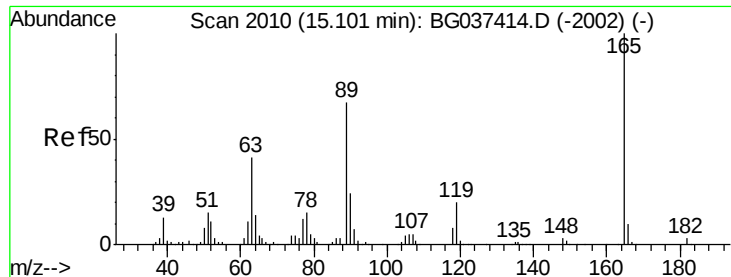
Tot Ion:168 Resp: 663203
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 37.44 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:139 Resp: 93193
Ion Ratio Lower Upper
139 100
109 69.5 49.5 89.5
65 95.2 76.8 116.8

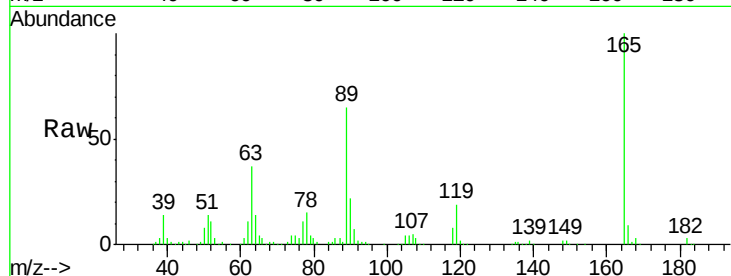




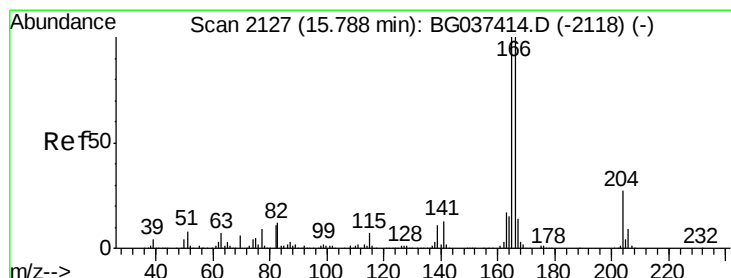
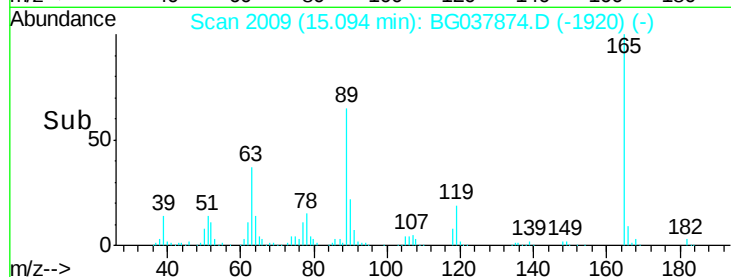
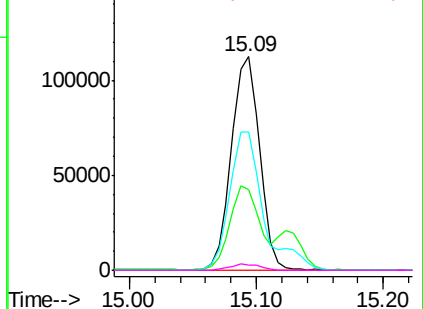
#57
2,4-Dinitrotoluene
Concen: 43.50 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 172973
Ion Ratio Lower Upper
165 100
63 37.5 33.4 50.0
89 64.5 57.2 85.8
182 2.7 2.6 4.0

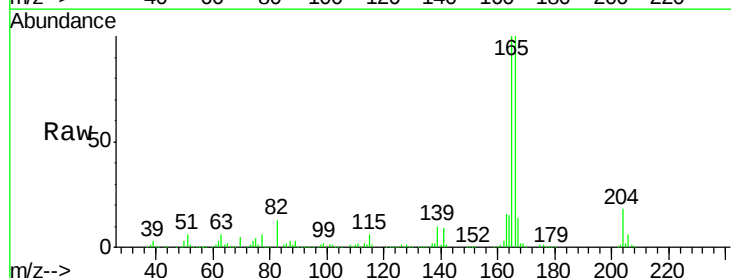


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

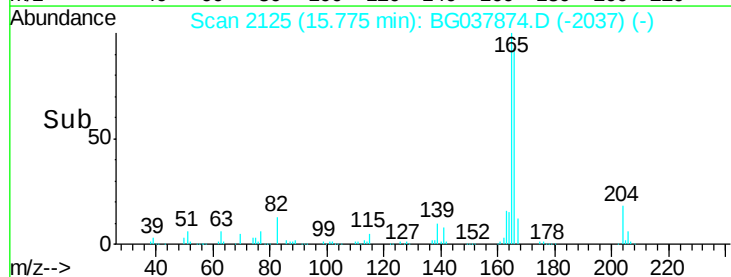
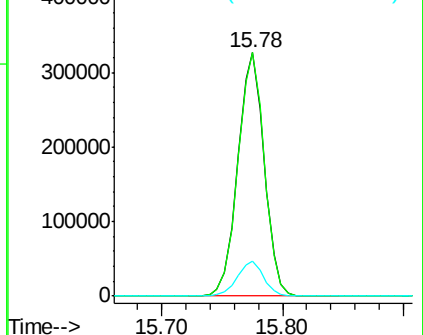


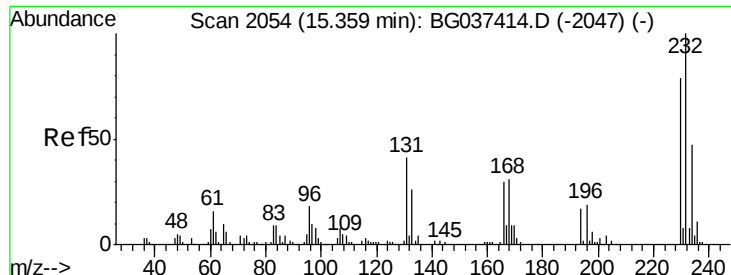
#58
Fluorene
Concen: 39.05 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:166 Resp: 497868
Ion Ratio Lower Upper
166 100
165 99.9 79.0 118.6
167 14.3 11.3 16.9



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

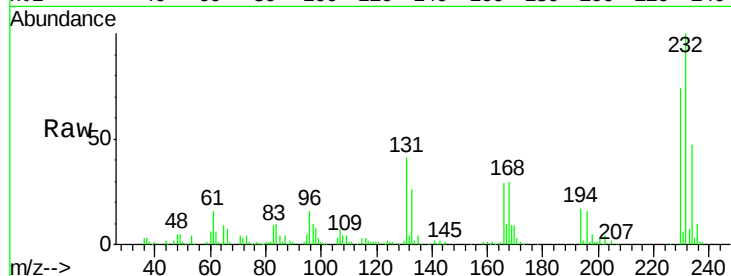




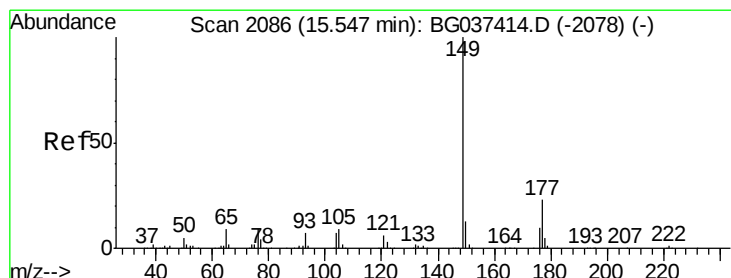
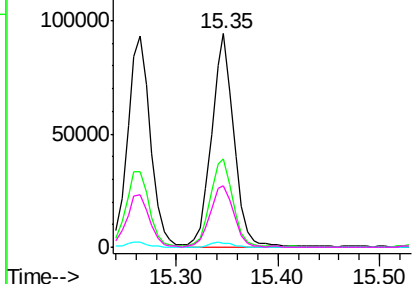
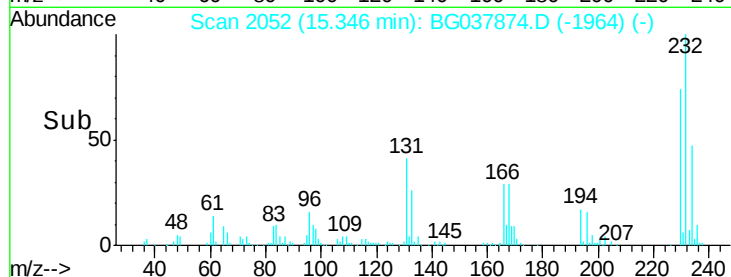
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.10 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 142613
Ion Ratio Lower Upper
232 100
131 42.0 33.7 50.5
130 2.3 2.1 3.1
166 30.6 24.6 36.8

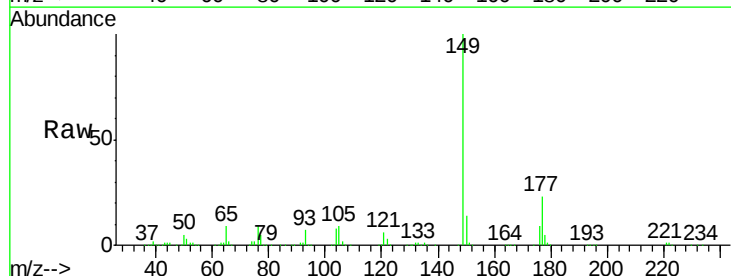


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

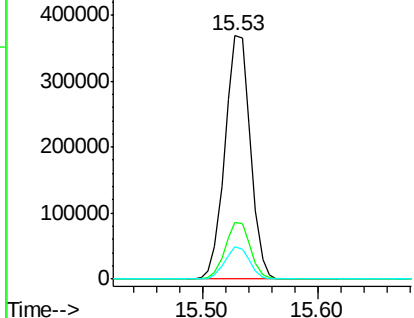
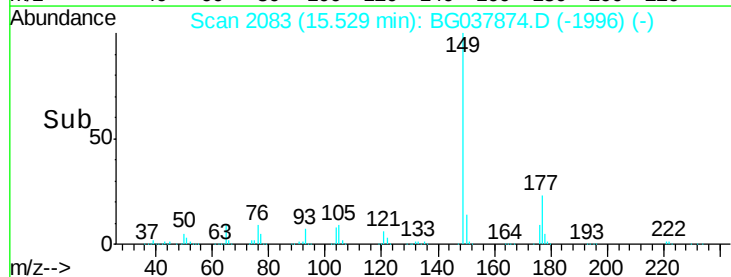


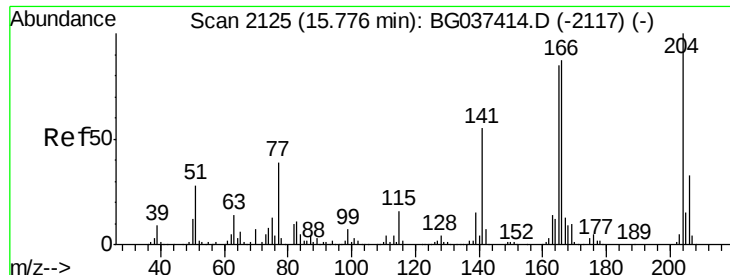
#60
Diethylphthalate
Concen: 39.81 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:149 Resp: 559689
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 13.6 10.0 15.0



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

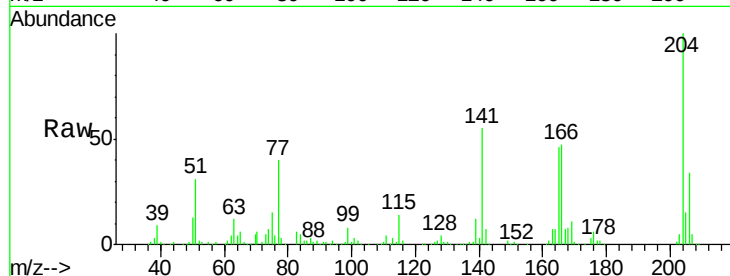




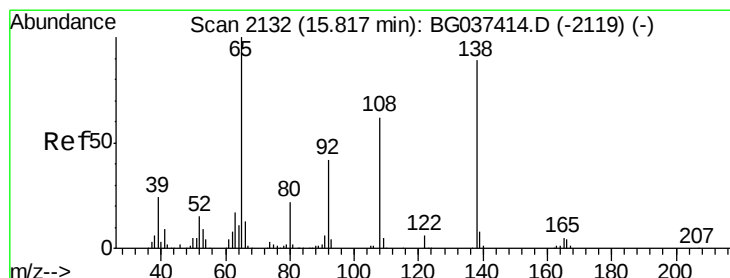
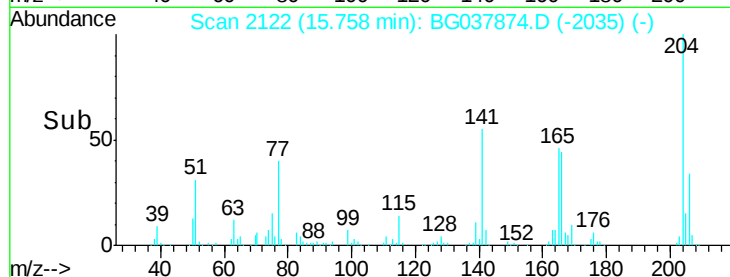
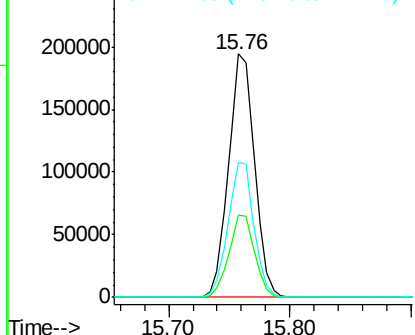
#61
4-Chlorophenyl-phenylether
Concen: 39.19 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 291243
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 55.4 45.4 68.2

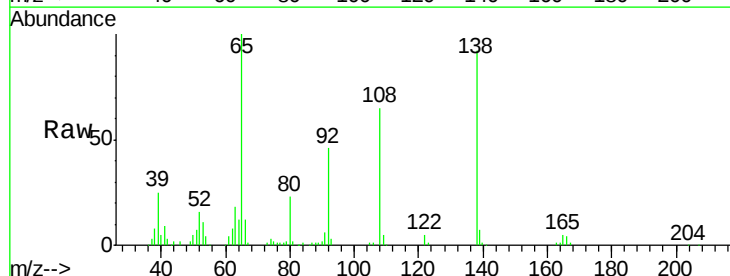


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

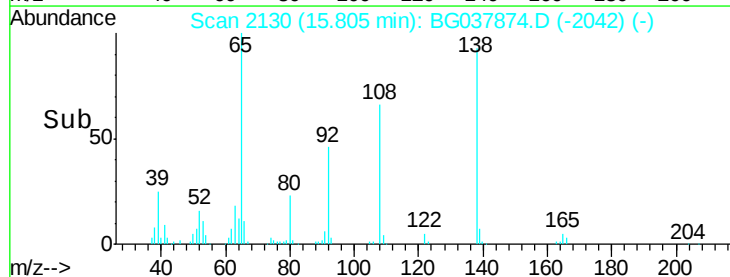
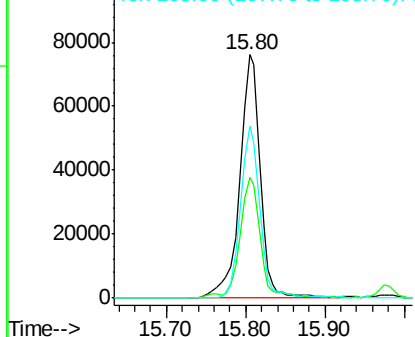


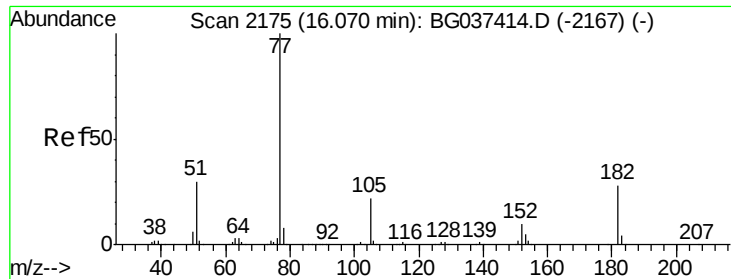
#62
4-Nitroaniline
Concen: 40.81 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:138 Resp: 136375
Ion Ratio Lower Upper
138 100
92 49.8 36.4 76.4
108 70.5 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

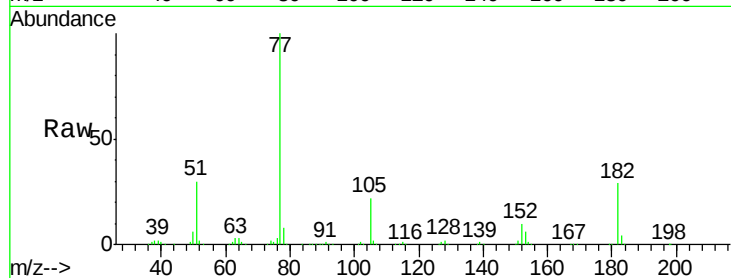




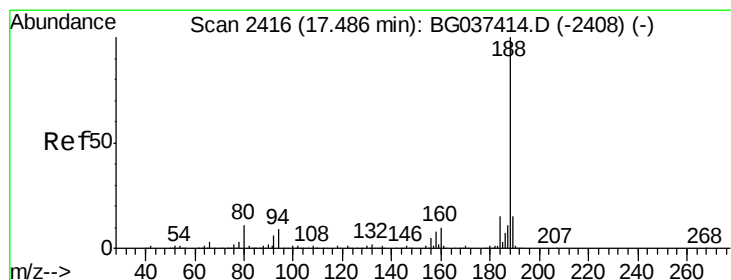
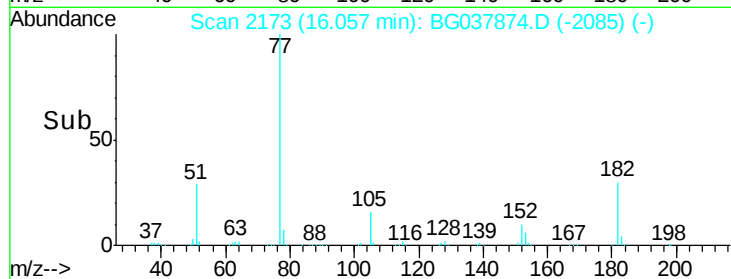
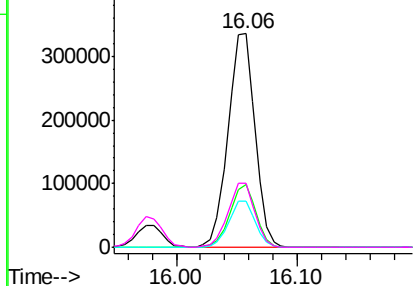
#63
Azobenzene
Concen: 38.78 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	520170
Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.0	48.0
105	21.8	1.3	41.3
51	29.8	10.7	50.7

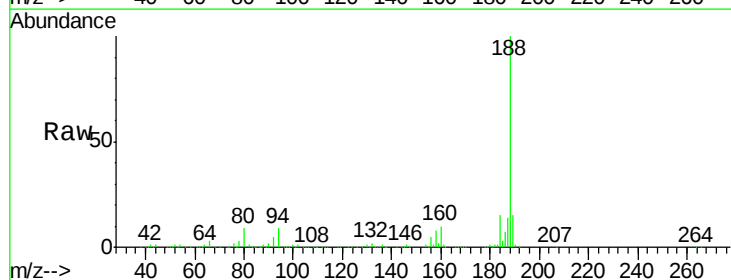


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

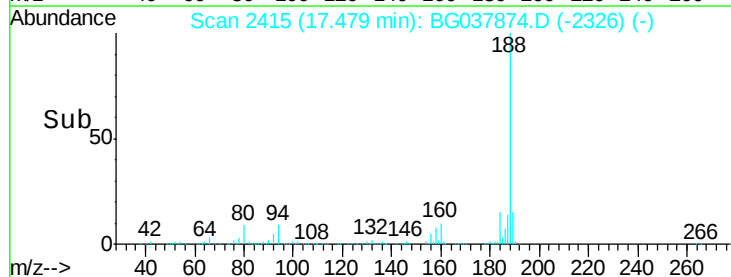
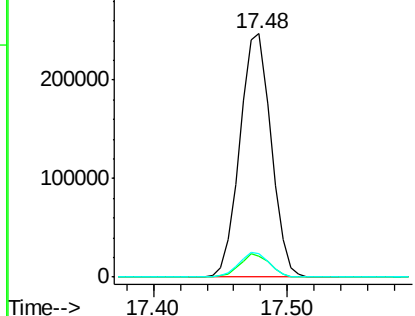


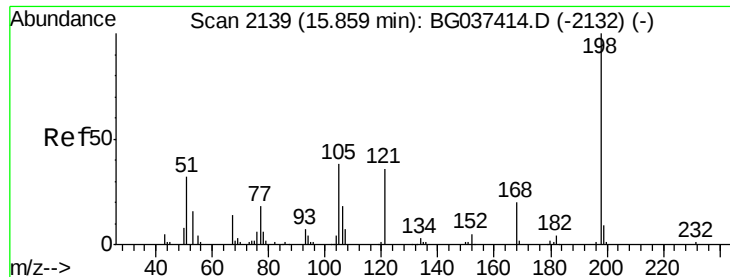
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:	188	Resp:	400118
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.4	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: 42.52 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

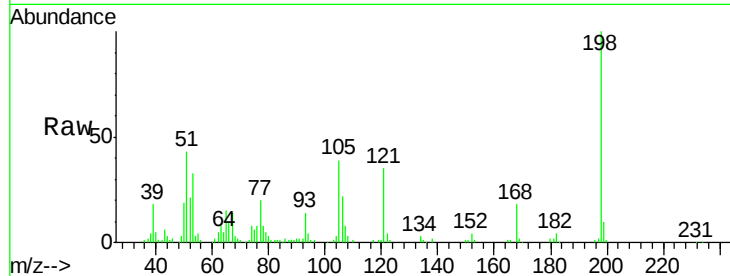
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 86794

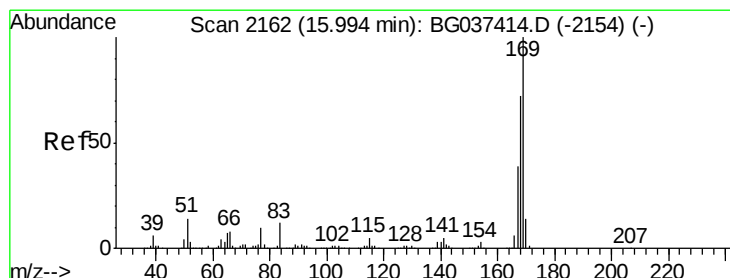
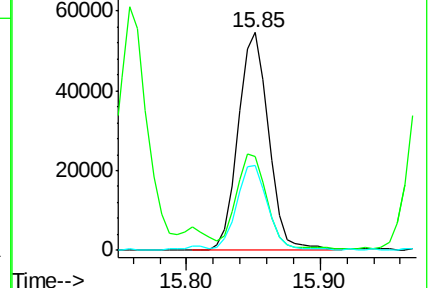
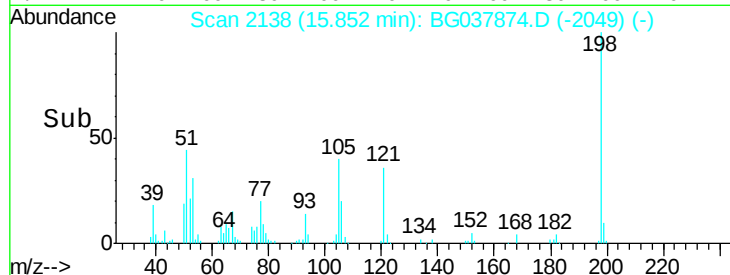
Ion	Ratio	Lower	Upper
198	100		
51	43.2	22.7	62.7
105	39.1	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037874.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.51 ng

RT: 15.98 min Scan# 2160

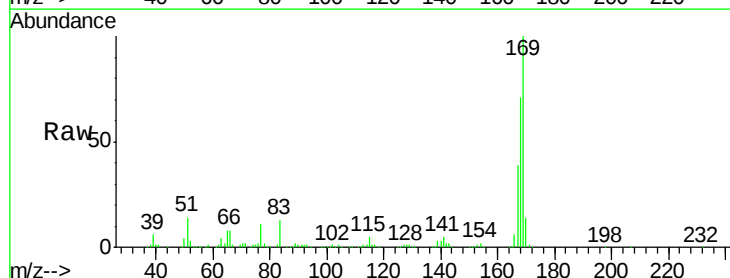
Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Tgt Ion:169 Resp: 487568

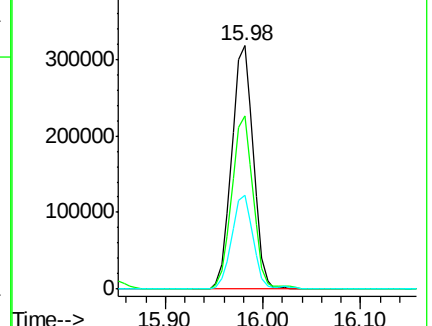
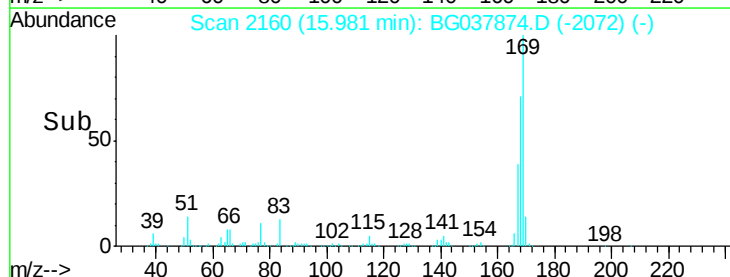
Ion	Ratio	Lower	Upper
169	100		
168	70.9	55.7	83.5
167	38.6	31.3	46.9

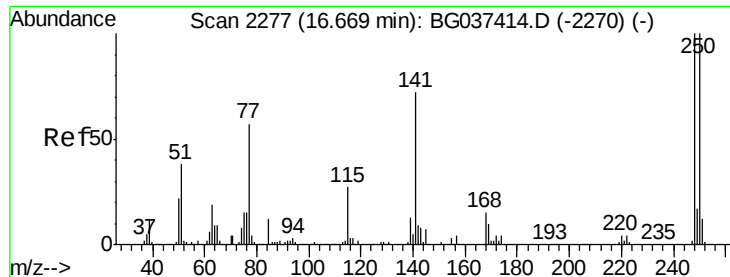


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.19 ng

RT: 16.66 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

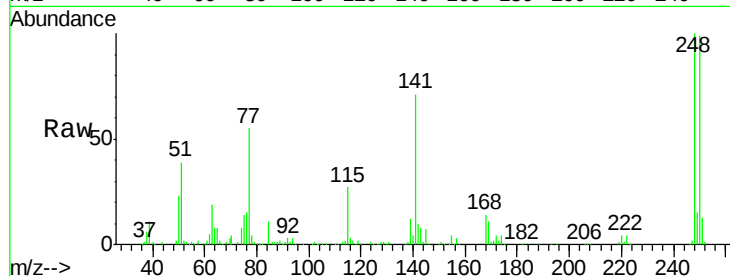
Tot Ion:248 Resp: 180970

Ion Ratio Lower Upper

248 100

250 98.6 77.0 115.6

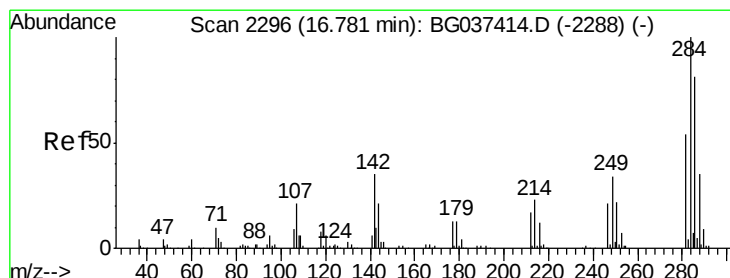
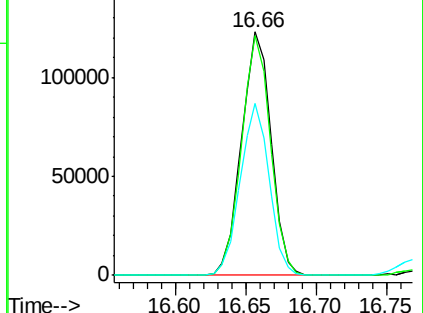
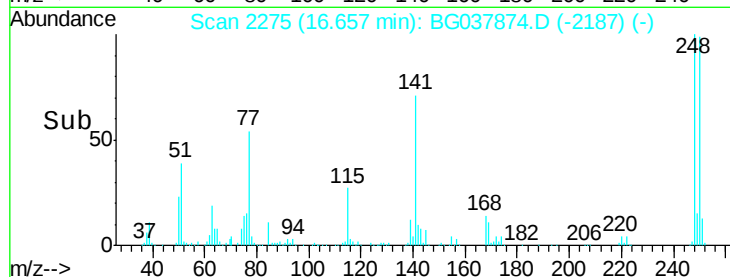
141 70.5 55.5 83.3



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: 39.72 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

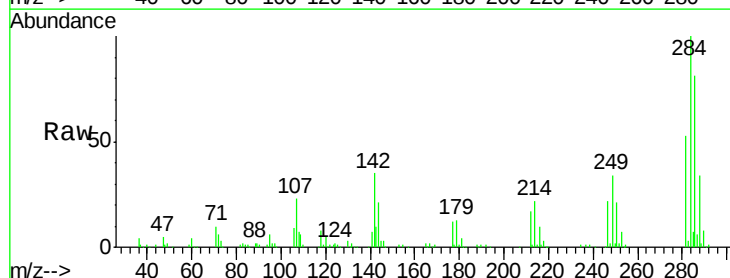
Tgt Ion:284 Resp: 180888

Ion Ratio Lower Upper

284 100

142 34.6 28.1 42.1

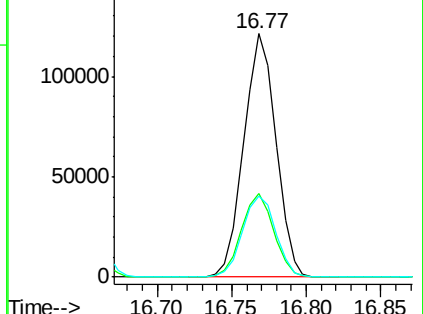
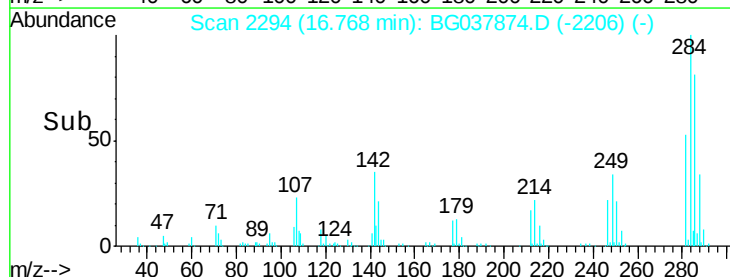
249 35.9 29.8 44.8

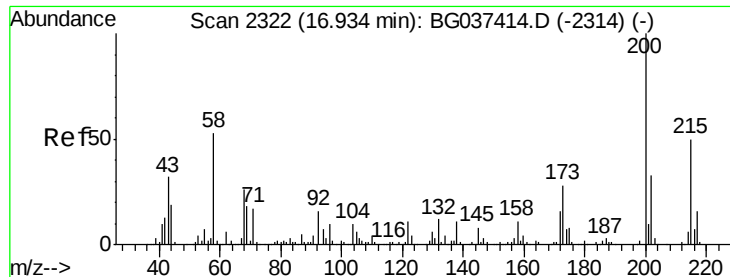


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.97 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

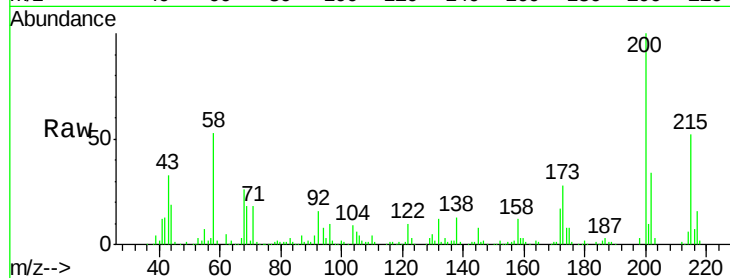
Tot Ion:200 Resp: 165217

Ion Ratio Lower Upper

200 100

173 27.5 6.1 46.1

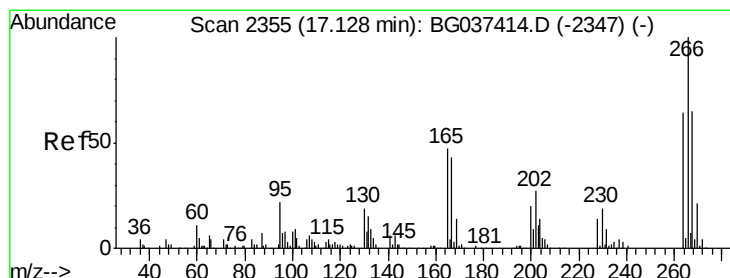
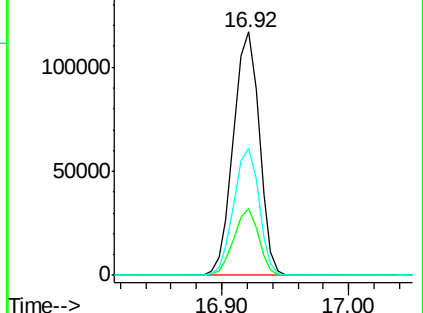
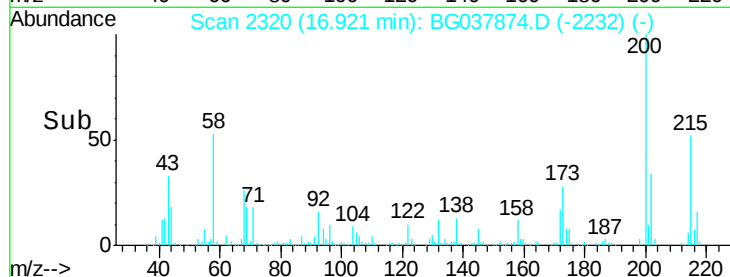
215 52.3 30.8 70.8



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: 39.32 ng

RT: 17.11 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

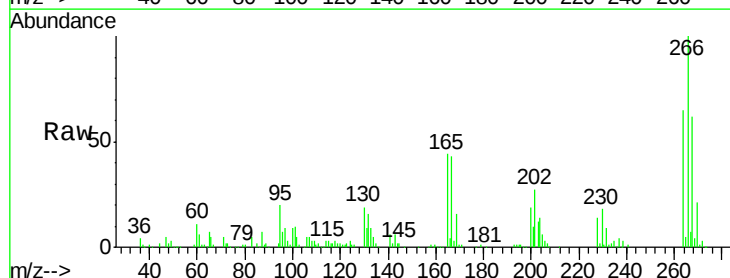
Tgt Ion:266 Resp: 119950

Ion Ratio Lower Upper

266 100

268 66.7 55.0 82.6

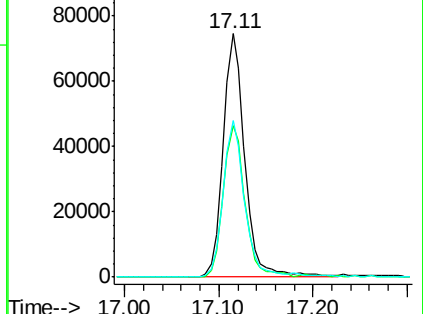
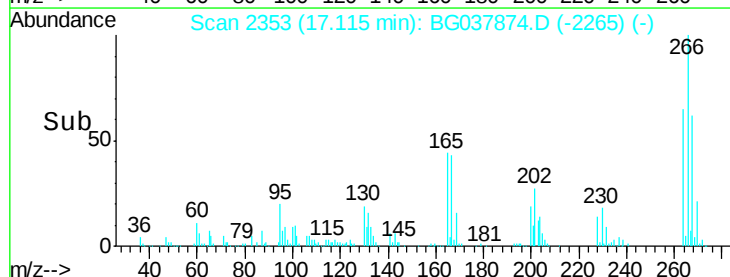
264 69.2 58.9 88.3

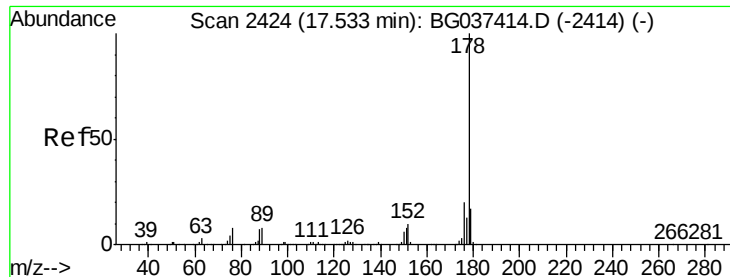


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

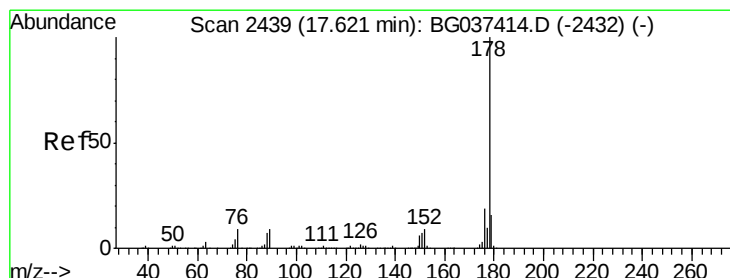
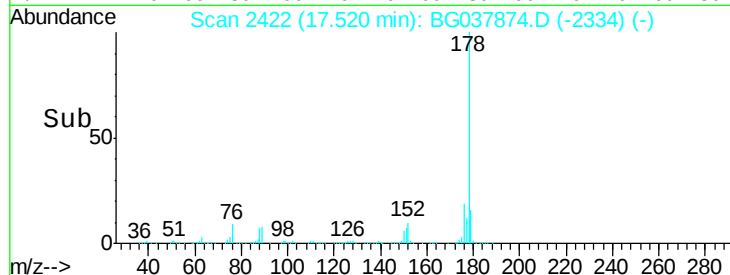
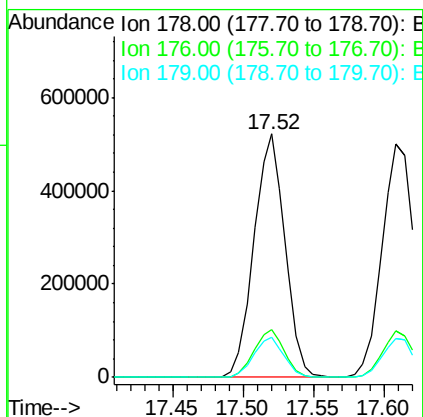
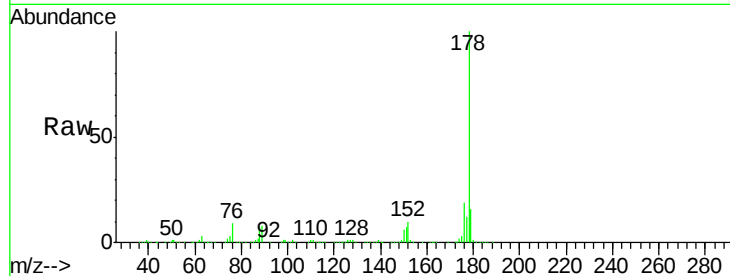




#71
Phenanthrene
Concen: 39.57 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

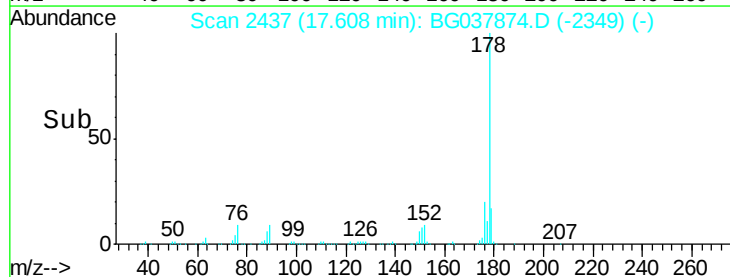
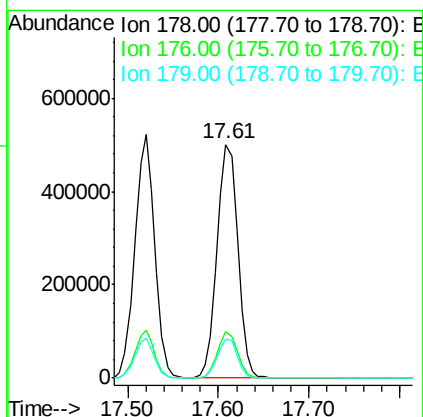
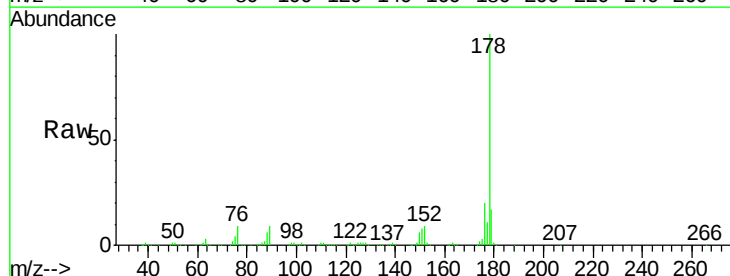
Instrument :
BNA_G
ClientSampleId :

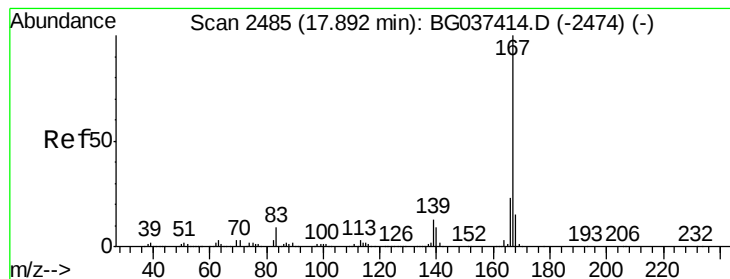
Tot Ion:178 Resp: 804669
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 16.2 13.0 19.4



#72
Anthracene
Concen: 39.88 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:178 Resp: 795935
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.6 12.8 19.2





#73

Carbazole

Concen: 39.77 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

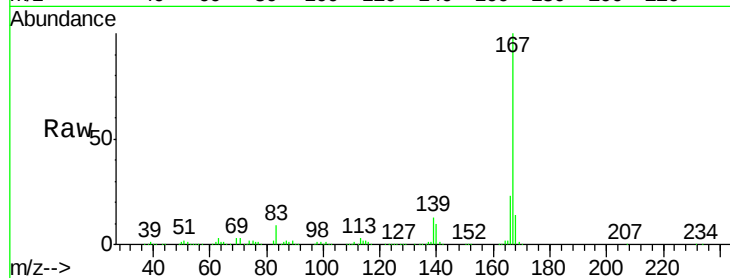
Tot Ion:167 Resp: 793962

Ion Ratio Lower Upper

167 100

166 22.9 18.3 27.5

139 12.7 10.5 15.7



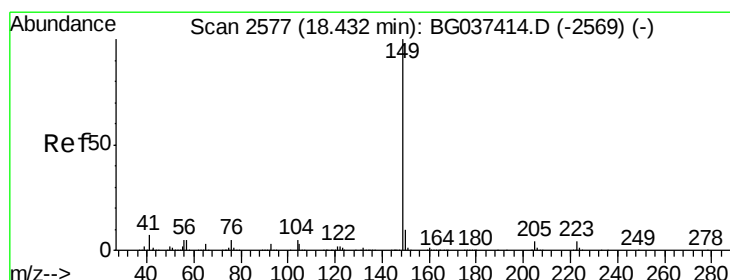
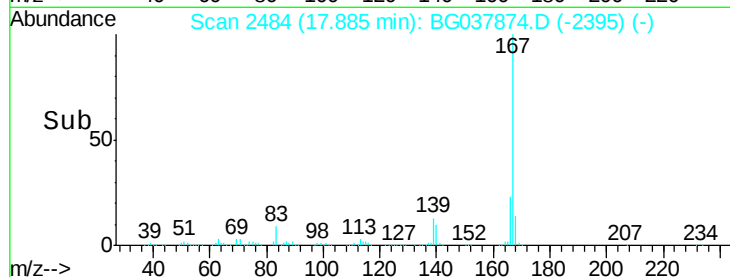
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.88

Time-->



#74

Di-n-butylphthalate

Concen: 41.31 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

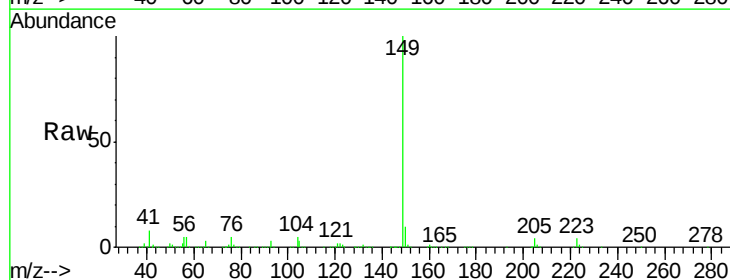
Tgt Ion:149 Resp: 917233

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

104 5.4 4.0 6.0



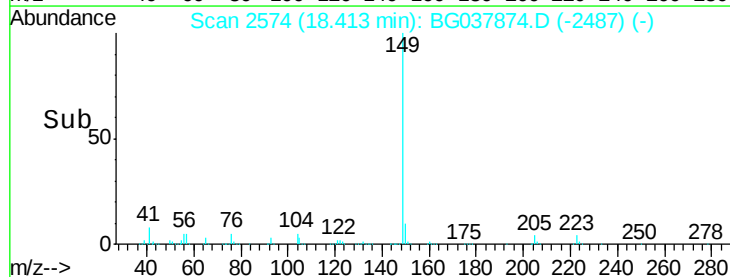
Abundance Ion 149.00 (148.70 to 149.70): E

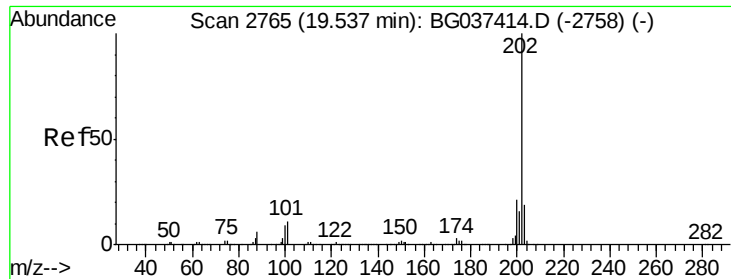
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.41

Time-->





#75

Fluoranthene

Concen: 39.33 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037874.D

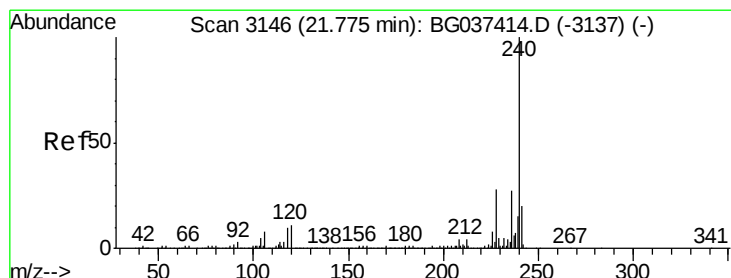
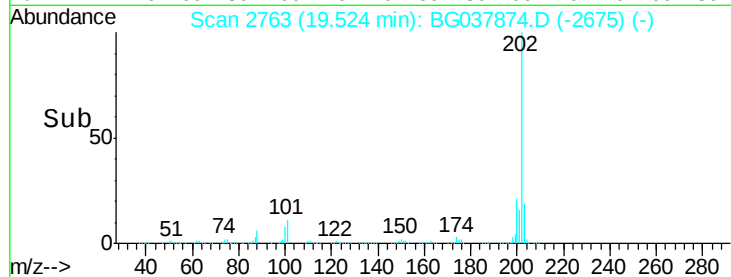
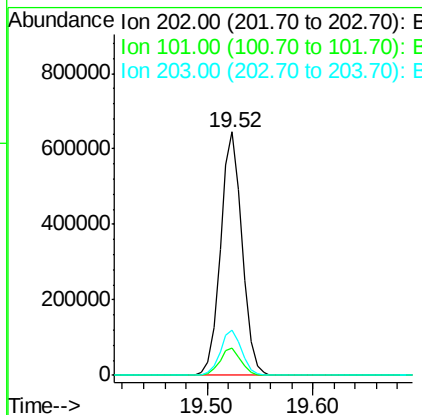
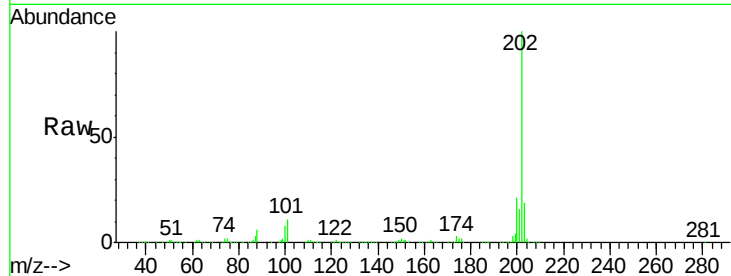
Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	907171
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
203	18.8	0.0	38.5



#76

Chrysene-d12

Concen: 20.00 ng

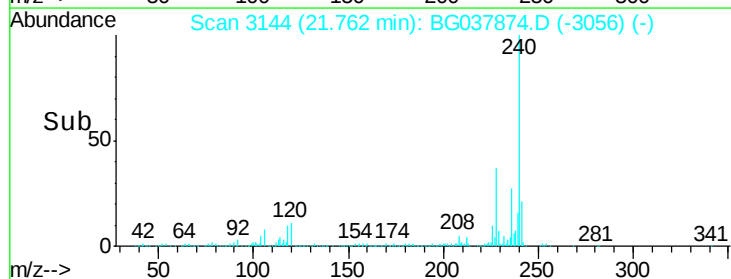
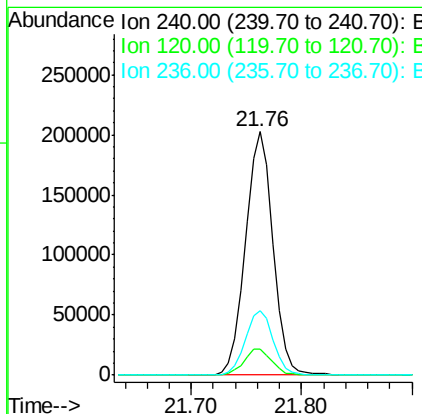
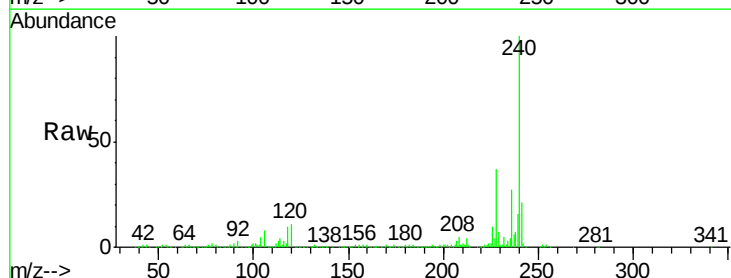
RT: 21.76 min Scan# 3144

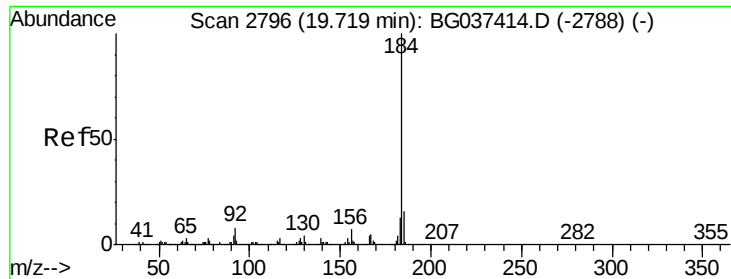
Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Tgt Ion:	240	Resp:	353639
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	26.6	21.4	32.0





#77

Benzidine

Concen: 31.25 ng

RT: 19.71 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

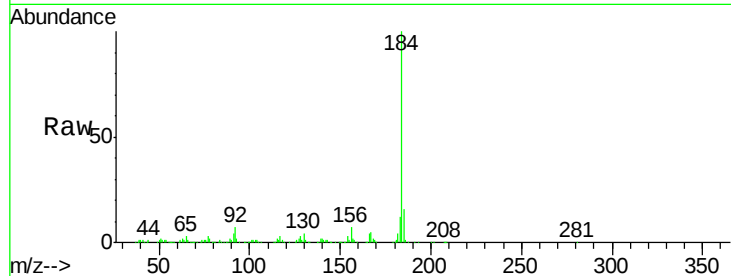
Tot Ion:184 Resp: 375729

Ion Ratio Lower Upper

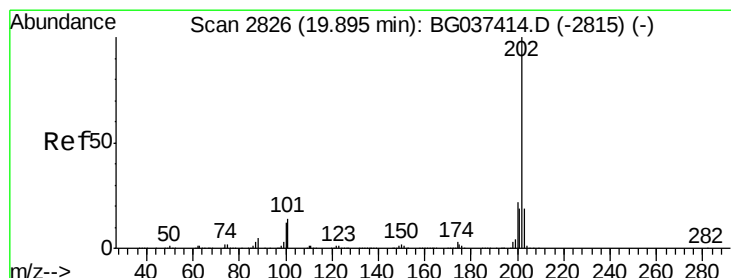
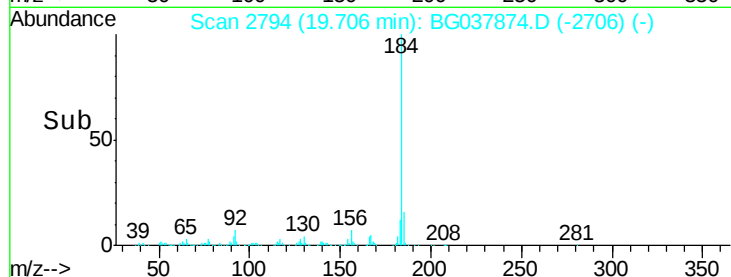
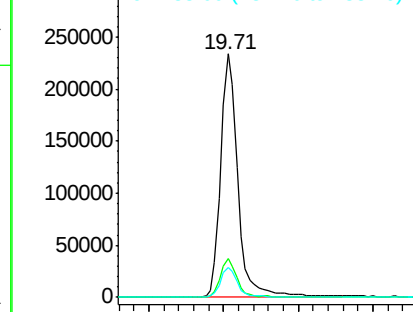
184 100

185 15.9 12.6 18.8

183 12.4 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.33 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

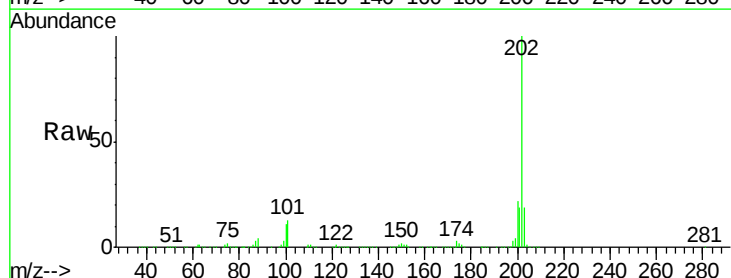
Tgt Ion:202 Resp: 932444

Ion Ratio Lower Upper

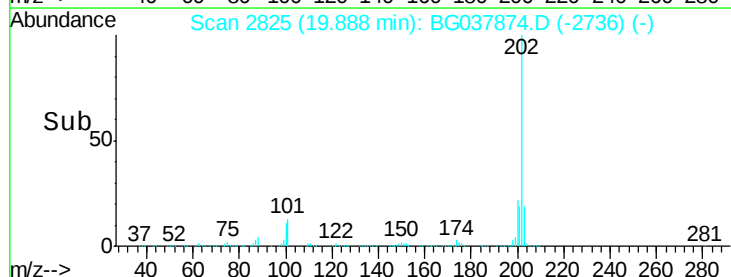
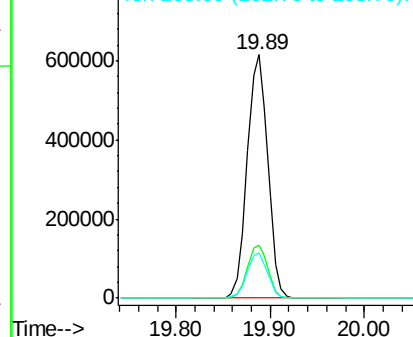
202 100

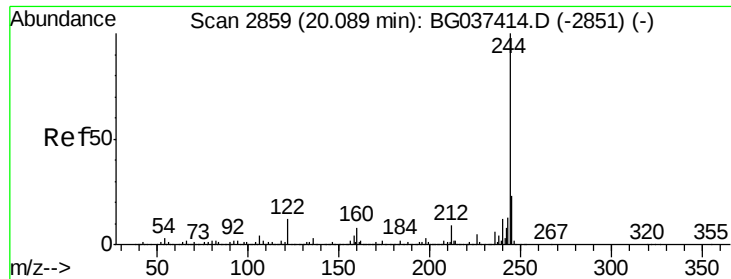
200 22.0 17.8 26.6

203 18.8 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.98 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

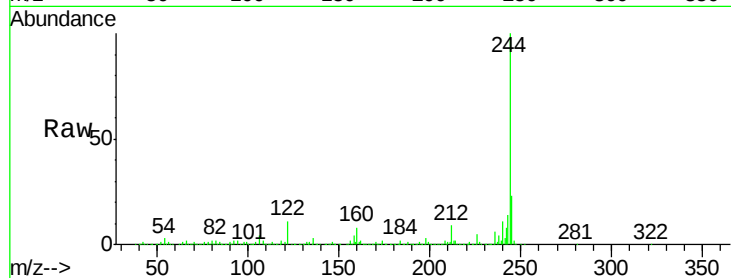
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1323620

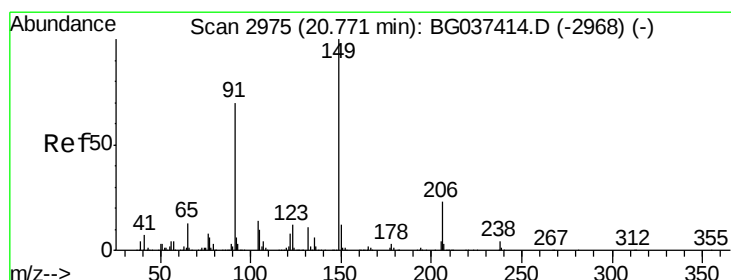
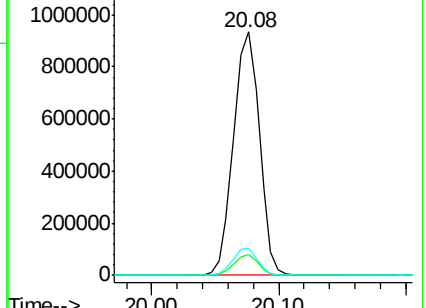
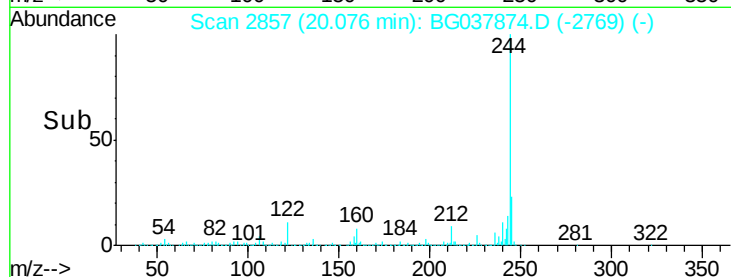
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.1	9.0	13.4



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: 43.73 ng

RT: 20.76 min Scan# 2973

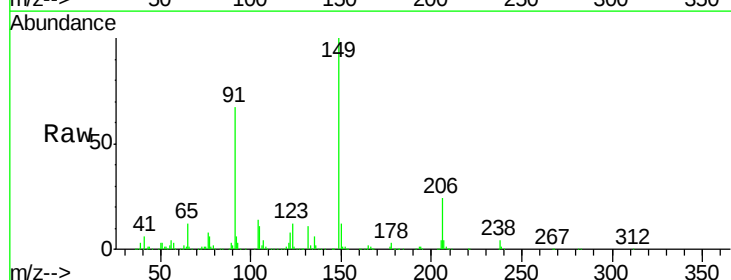
Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Tgt Ion:149 Resp: 413776

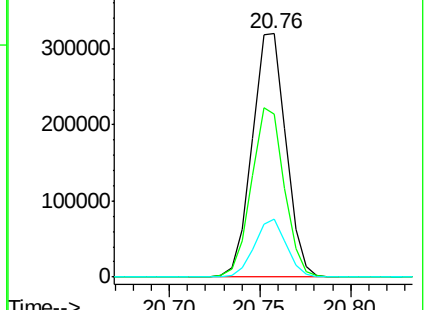
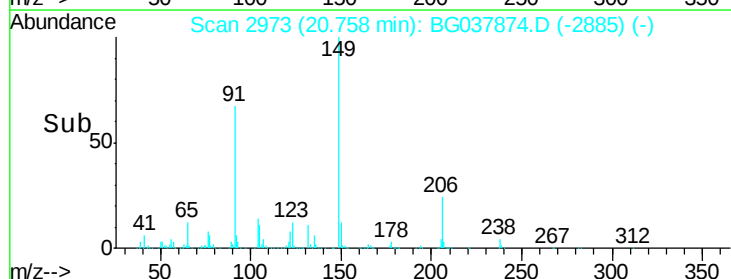
Ion	Ratio	Lower	Upper
149	100		
91	66.8	57.0	85.4
206	23.6	17.8	26.6

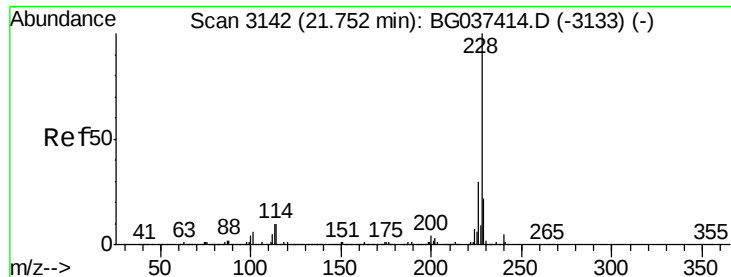


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.27 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

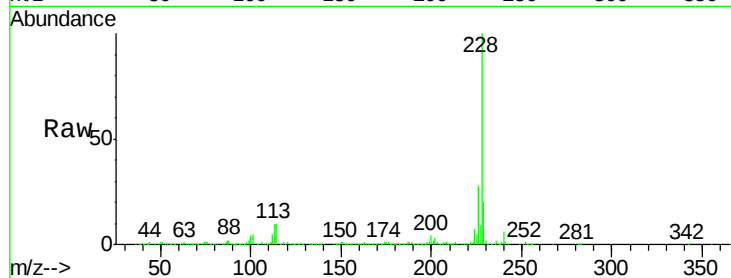
Tot Ion:228 Resp: 842434

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

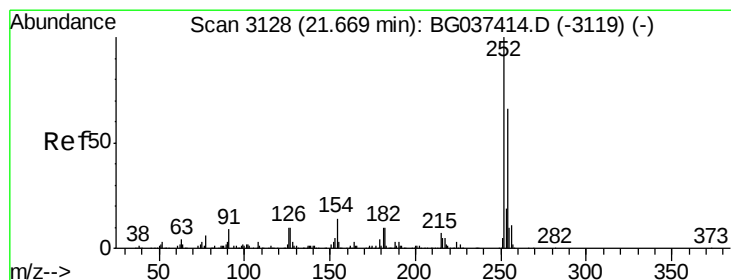
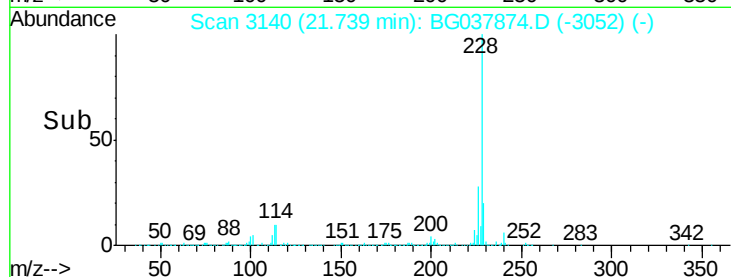
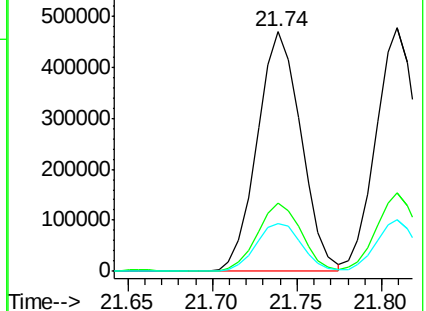
229 20.0 16.3 24.5



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: 40.36 ng

RT: 21.66 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

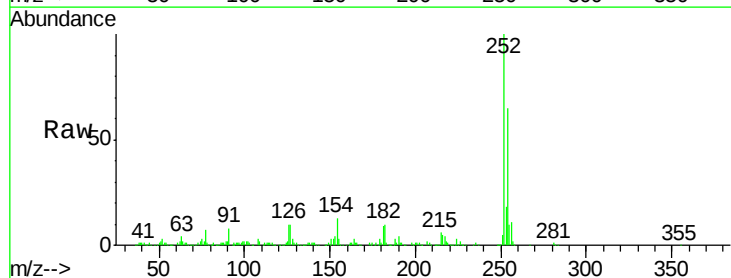
Tgt Ion:252 Resp: 327222

Ion Ratio Lower Upper

252 100

254 64.7 52.0 78.0

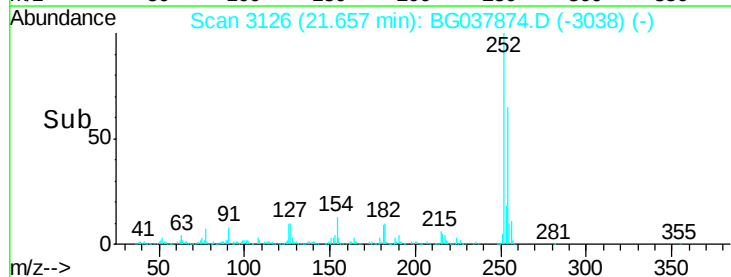
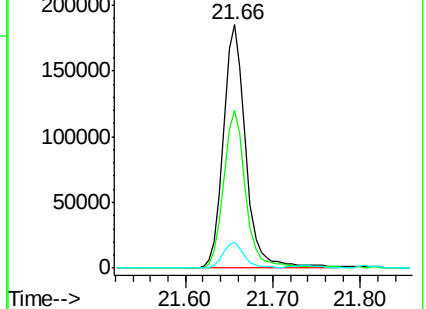
126 10.5 8.2 12.4

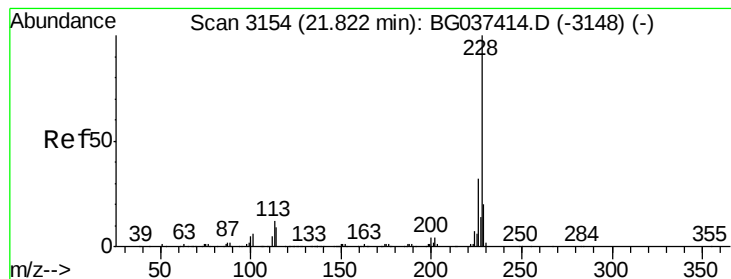


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.55 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

Instrument :

BNA_G

ClientSampleId :

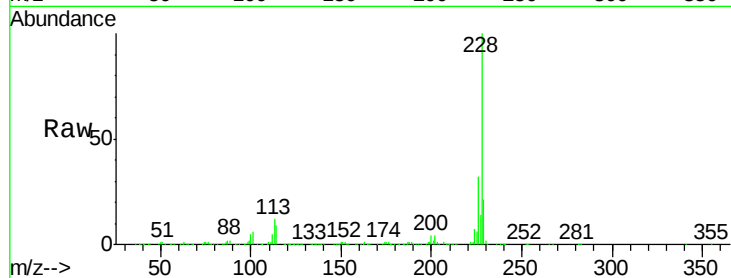
Tot Ion:228 Resp: 815704

Ion Ratio Lower Upper

228 100

226 32.0 25.7 38.5

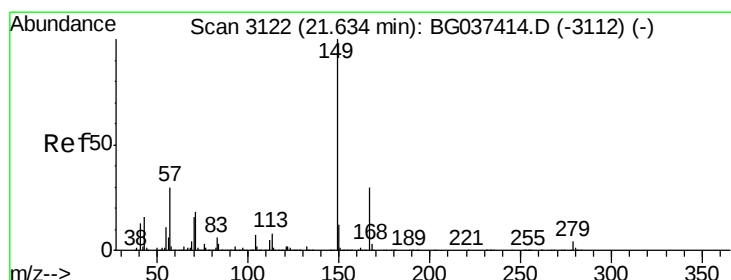
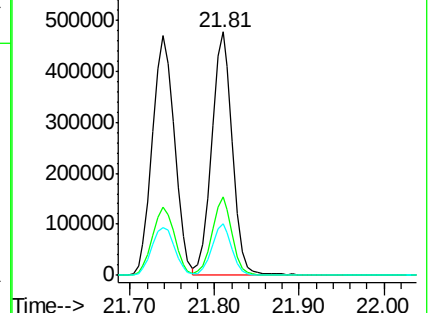
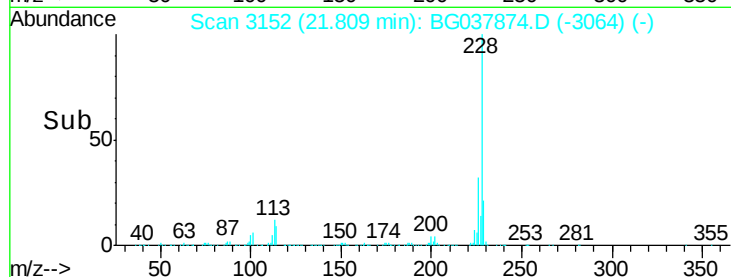
229 21.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.30 ng

RT: 21.61 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG037874.D

Acq: 7 Nov 2018 21:18

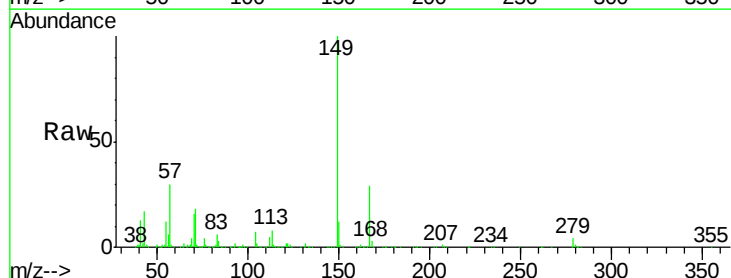
Tgt Ion:149 Resp: 587459

Ion Ratio Lower Upper

149 100

167 29.1 23.0 34.4

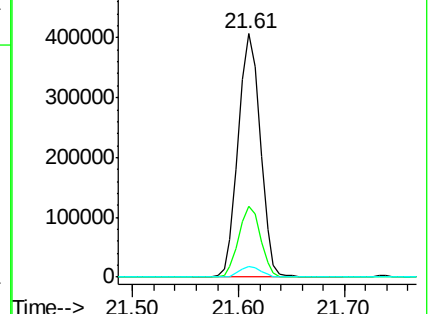
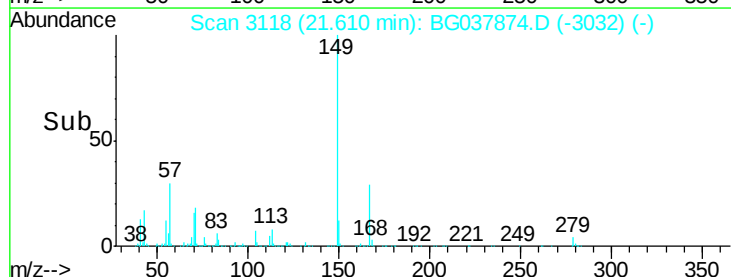
279 4.5 3.6 5.4

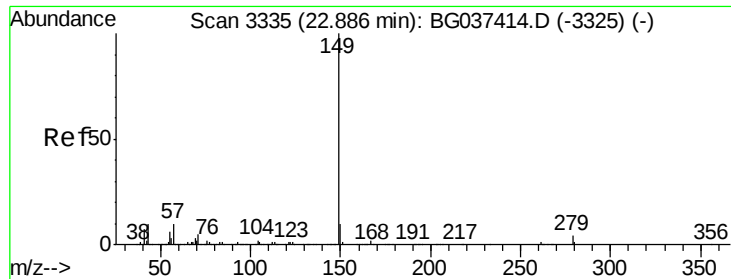


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

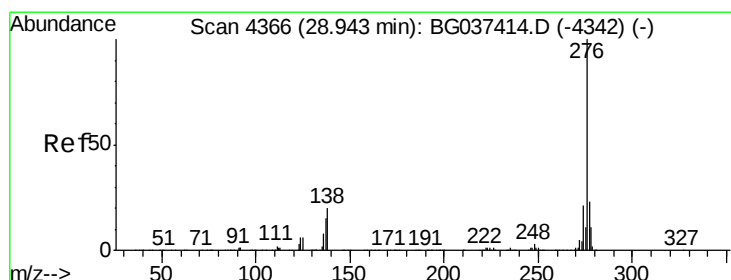
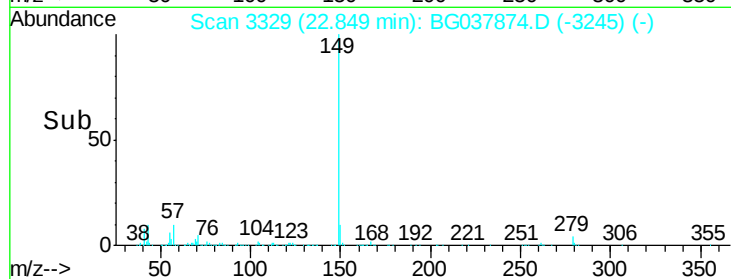
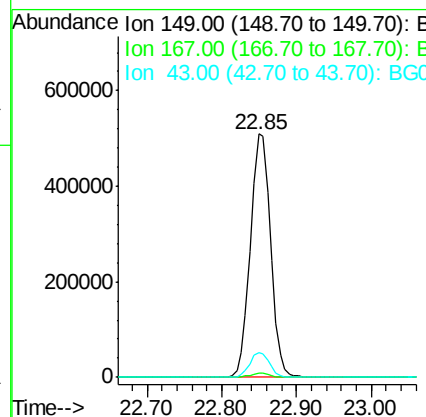
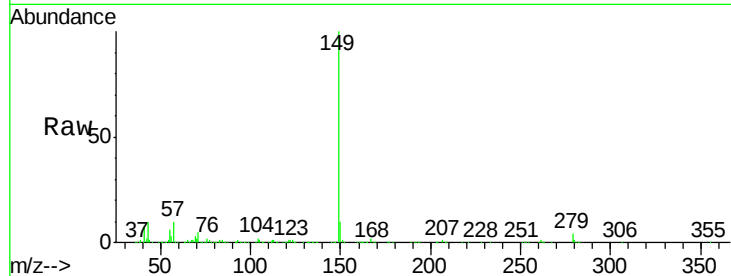




#85
Di-n-octyl phthalate
Concen: 44.35 ng
RT: 22.85 min Scan# 3329
Delta R.T. -0.04 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

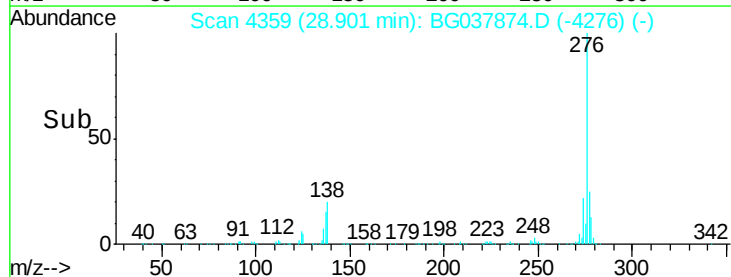
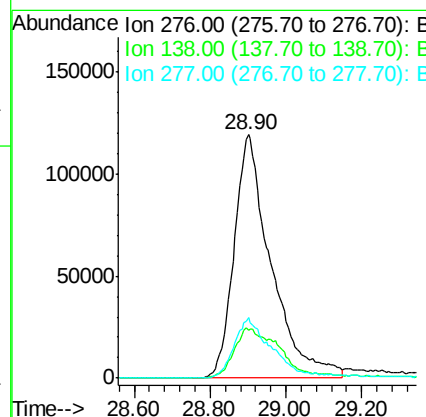
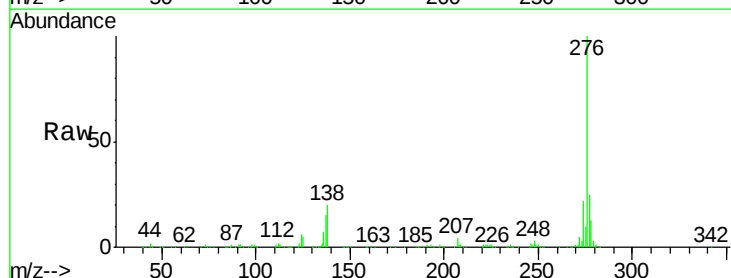
Instrument :
BNA_G
ClientSampleId :

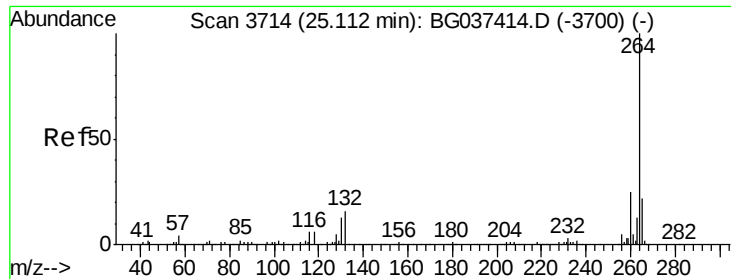
Tot Ion:149 Resp: 959085
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.1 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.45 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.04 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:276 Resp: 807932
Ion Ratio Lower Upper
276 100
138 24.9 12.0 18.0#
277 24.5 20.6 30.8

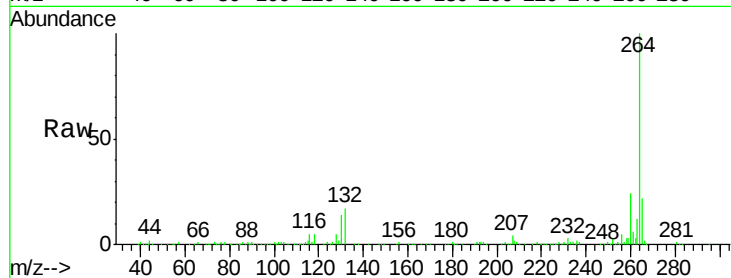




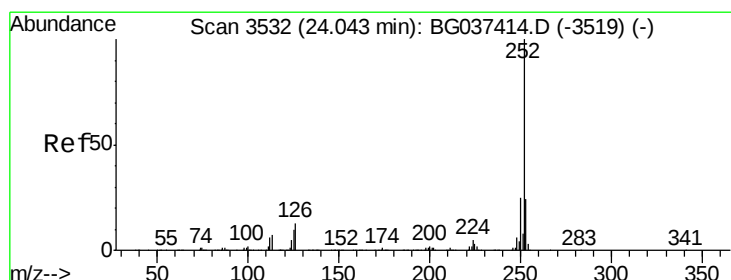
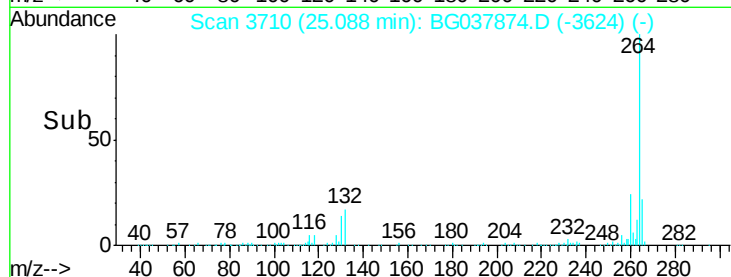
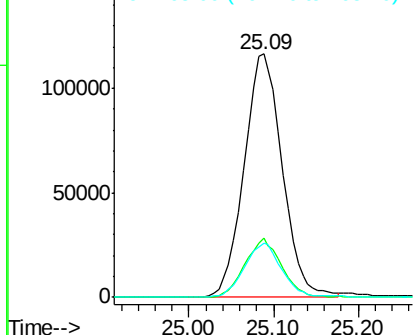
#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 366253
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.4
265 22.3 17.9 26.9

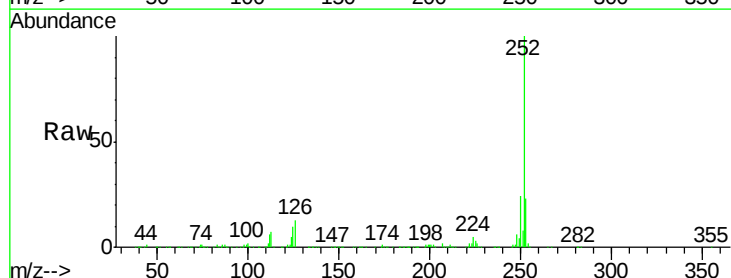


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

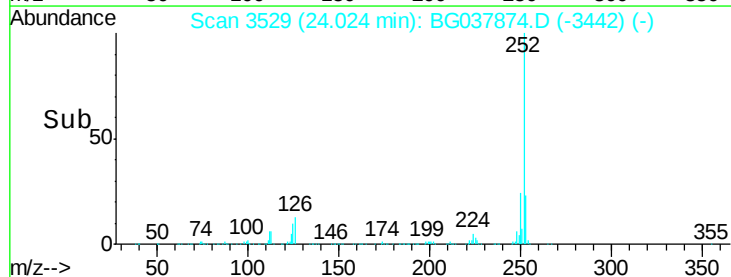
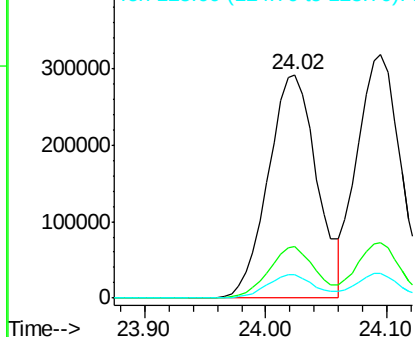


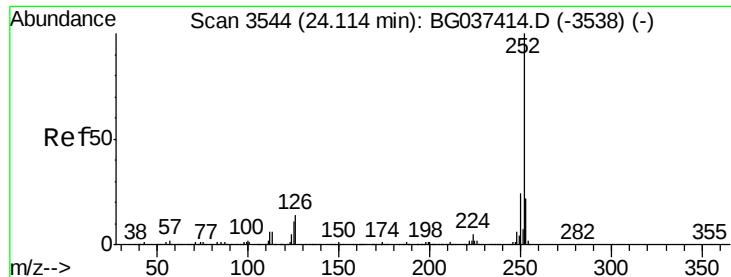
#88
Benzo(b)fluoranthene
Concen: 40.78 ng
RT: 24.02 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:252 Resp: 818898
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 10.3 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

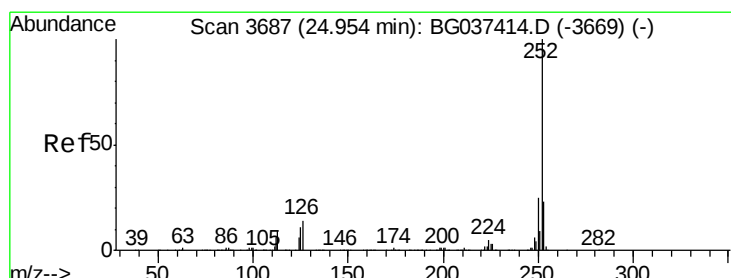
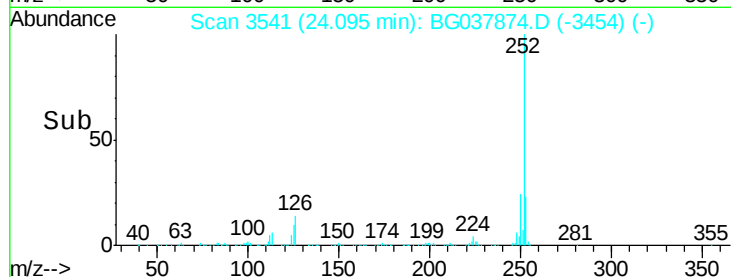
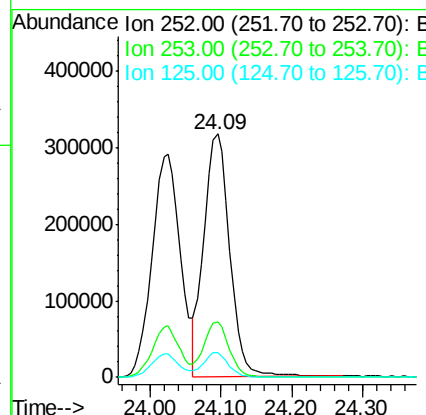
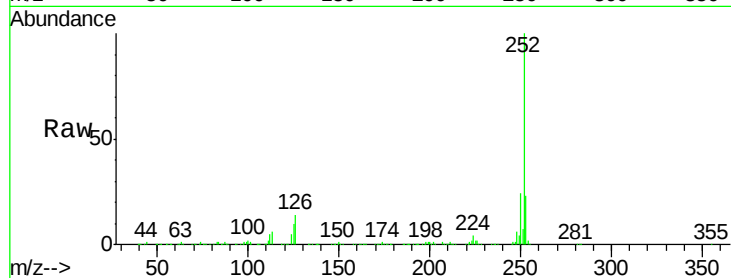




#89
Benzo(k)fluoranthene
Concen: 41.35 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

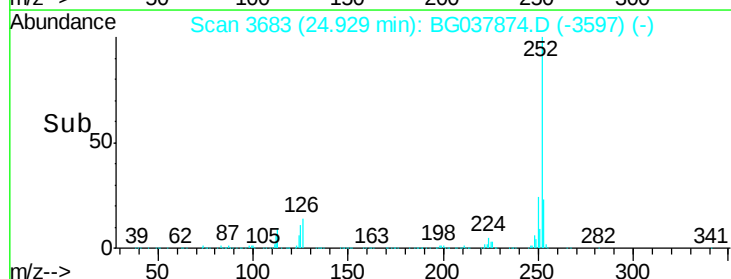
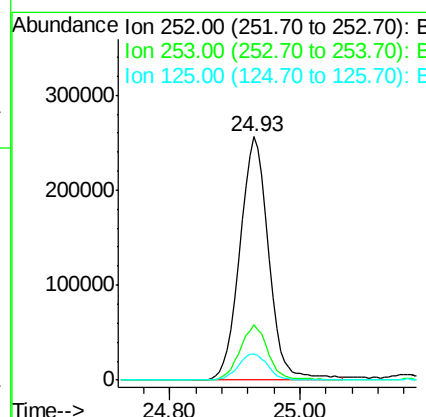
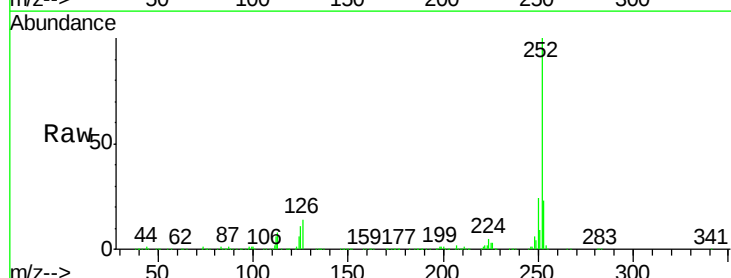
Instrument :
BNA_G
ClientSampleId :

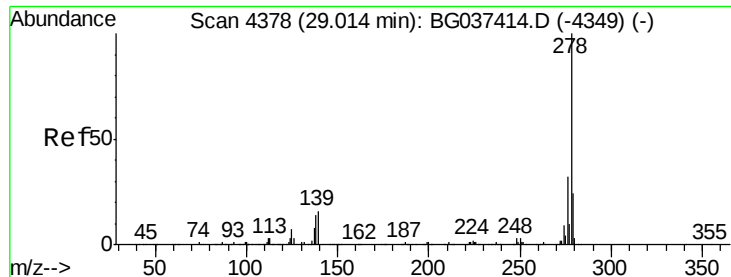
Tot Ion:252 Resp: 813406
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.4 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.95 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.02 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion:252 Resp: 781254
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.7 9.0 13.6

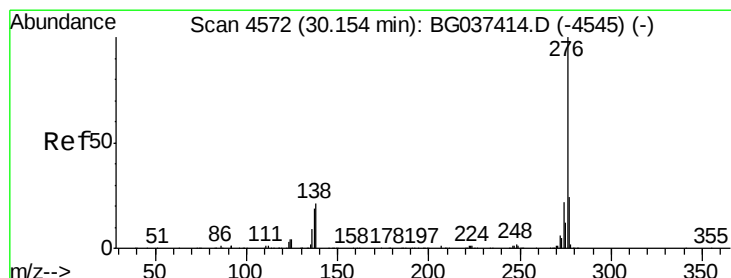
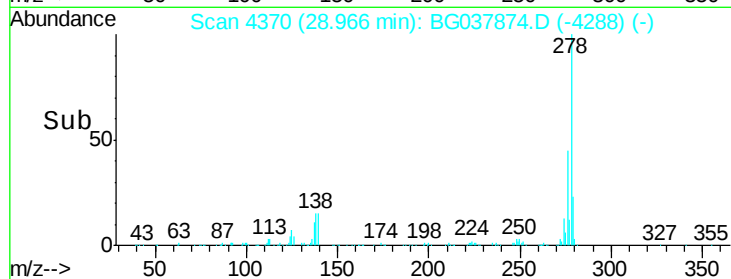
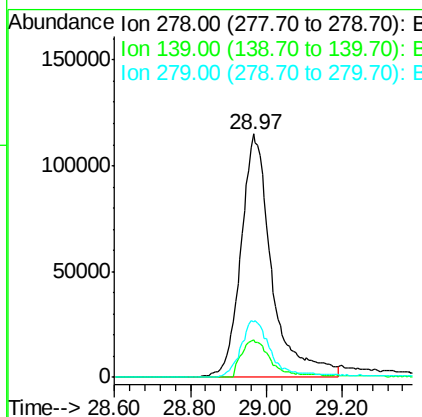
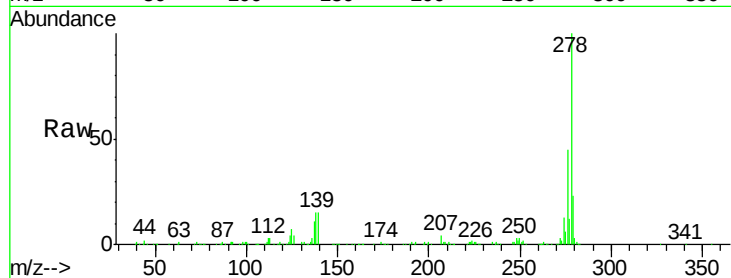




#91
Dibenzo(a,h)anthracene
Concen: 37.11 ng
RT: 28.97 min Scan# 4370
Delta R.T. -0.05 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	22.8	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 37.60 ng
RT: 30.10 min Scan# 4563
Delta R.T. -0.05 min
Lab File: BG037874.D
Acq: 7 Nov 2018 21:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	22.1	17.2	25.8

