

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037763.D
 Acq On : 2 Nov 2018 20:38
 Operator : JU/SJ
 Sample : PB114420BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114420BS

Quant Time: Nov 03 02:29:56 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	50820	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	231136	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	154242	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	349816	20.00	ng	0.00
76) Chrysene-d12	21.77	240	319030	20.00	ng	0.00
87) Perylene-d12	25.10	264	319277	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	499204	164.23	ng	0.00
7) Phenol-d6	7.25	99	702262	152.78	ng	0.00
23) Nitrobenzene-d5	9.28	82	327875	79.46	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	267477	158.99	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	810627	79.25	ng	0.00
79) Terphenyl-d14	20.08	244	1173087	78.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	60755	39.412	ng	97
3) Pyridine	3.93	79	138165	35.560	ng	96
4) n-Nitrosodimethylamine	3.85	42	58025	41.928	ng	# 97
6) Aniline	7.42	93	181920	32.443	ng	96
8) 2-Chlorophenol	7.66	128	155205	43.645	ng	97
9) Benzaldehyde	7.24	77	113897	39.613	ng	98
10) Phenol	7.27	94	205772	42.429	ng	100
11) bis(2-Chloroethyl)ether	7.52	93	140365	38.108	ng	96
12) 1,3-Dichlorobenzene	7.99	146	155254	39.217	ng	98
13) 1,4-Dichlorobenzene	8.14	146	159775	39.455	ng	98
14) 1,2-Dichlorobenzene	8.45	146	153520	39.411	ng	97
15) Benzyl Alcohol	8.33	79	136432	40.171	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	264920	40.196	ng	98
17) 2-Methylphenol	8.53	107	138688	43.255	ng	97
18) Hexachloroethane	9.18	117	58005	42.016	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	117190	37.025	ng	96
20) 3+4-Methylphenols	8.86	107	192233	41.935	ng	99
22) Acetophenone	8.93	105	227877	39.311	ng	# 97
24) Nitrobenzene	9.32	77	175570	40.960	ng	95
25) Isophorone	9.83	82	331330	43.949	ng	97
26) 2-Nitrophenol	10.03	139	87247	45.183	ng	98
27) 2,4-Dimethylphenol	10.07	122	163188	47.333	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	203801	41.261	ng	97
29) 2,4-Dichlorophenol	10.56	162	166576	43.394	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	171145	40.998	ng	93
31) Naphthalene	10.97	128	497883	43.855	ng	99
32) Benzoic acid	10.19	122	87876	39.243	ng	98
33) 4-Chloroaniline	11.08	127	132260	24.795	ng	97
34) Hexachlorobutadiene	11.24	225	103143	41.689	ng	98
35) Caprolactam	11.86	113	40064	26.023	ng	97
36) 4-Chloro-3-methylphenol	12.18	107	180817	41.767	ng	98
37) 2-Methylnaphthalene	12.57	142	381245	46.068	ng	98
38) 1-Methylnaphthalene	12.79	142	360369	44.839	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	203840	40.972	ng	98

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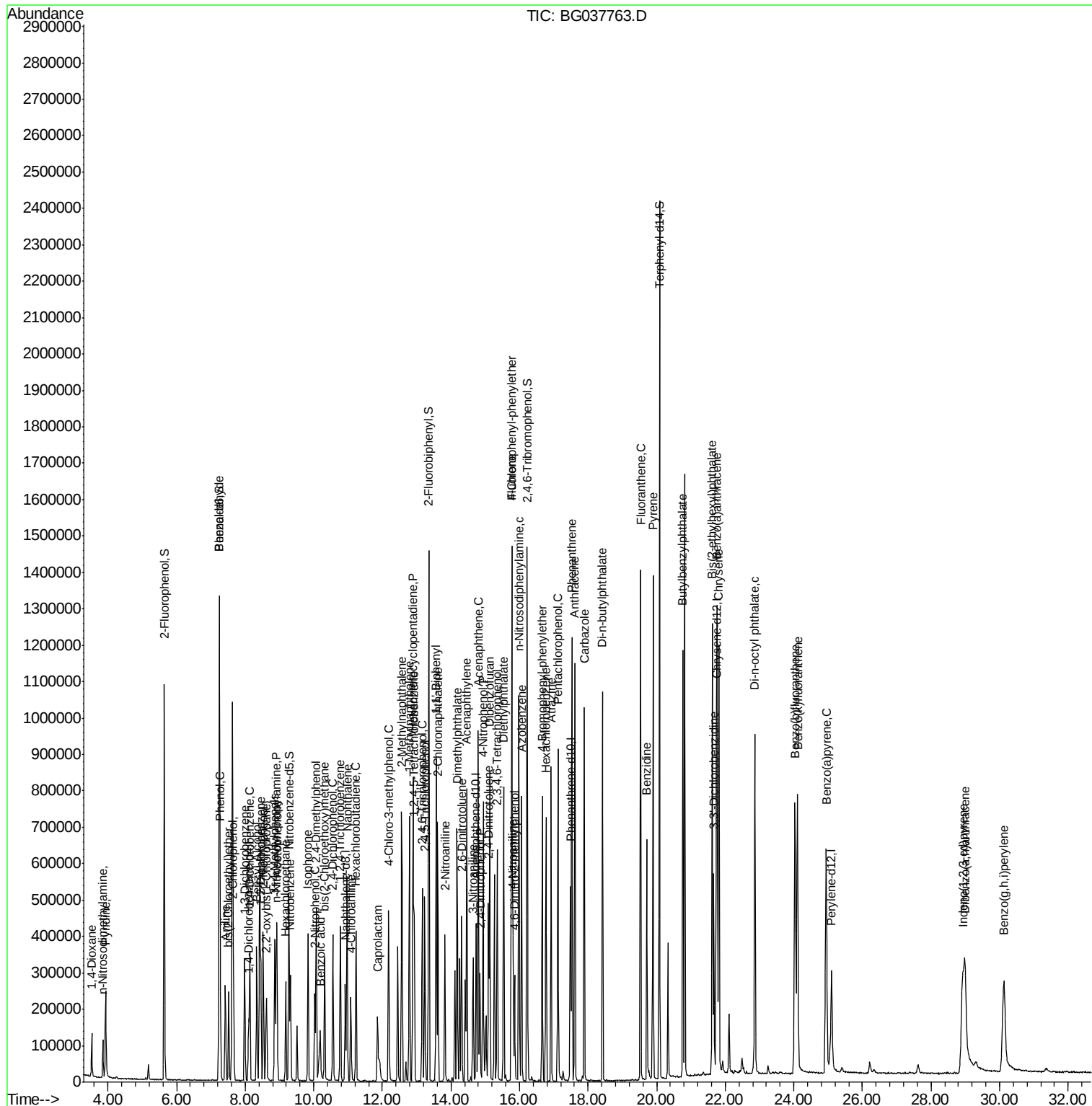
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	258900	108.942	nq	98
43) 2,4,6-Trichlorophenol	13.16	196	143883	43.289	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	156278	43.184	nq	98
46) 1,1'-Biphenyl	13.57	154	488205	38.219	nq	99
47) 2-Chloronaphthalene	13.62	162	393193	40.686	nq	99
48) 2-Nitroaniline	13.82	65	124729	42.561	nq	96
49) Acenaphthylene	14.46	152	643662	44.277	nq	99
50) Dimethylphthalate	14.18	163	492469	41.271	nq	99
51) 2,6-Dinitrotoluene	14.31	165	112108	42.470	nq	95
52) Acenaphthene	14.80	154	374201	41.796	nq	99
53) 3-Nitroaniline	14.65	138	95785	32.686	nq	# 95
54) 2,4-Dinitrophenol	14.84	184	82380	73.995	nq	96
55) Dibenzofuran	15.13	168	604450	40.749	nq	100
56) 4-Nitrophenol	14.94	139	237353	109.425	nq	97
57) 2,4-Dinitrotoluene	15.10	165	157582	45.478	nq	93
58) Fluorene	15.78	166	486805	43.824	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	137102	44.248	nq	99
60) Diethylphthalate	15.54	149	501170	40.910	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	258985	40.000	nq	97
62) 4-Nitroaniline	15.81	138	119789	41.138	nq	97
63) Azobenzene	16.06	77	473342	40.497	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	77223	43.119	nq	99
66) n-Nitrosodiphenylamine	15.98	169	440635	41.875	nq	100
67) 4-Bromophenyl-phenylether	16.66	248	161074	41.929	nq	98
68) Hexachlorobenzene	16.77	284	163682	41.111	nq	99
69) Atrazine	16.92	200	164471	43.231	nq	99
70) Pentachlorophenol	17.12	266	183479	68.799	nq	95
71) Phenanthrene	17.52	178	772393	43.445	nq	99
72) Anthracene	17.62	178	791413	45.360	nq	99
73) Carbazole	17.89	167	709518	40.654	nq	100
74) Di-n-butylphthalate	18.42	149	837781	43.152	nq	99
75) Fluoranthene	19.53	202	900583	44.662	nq	100
77) Benzidine	19.71	184	427645	39.422	nq	99
78) Pyrene	19.89	202	889341	42.643	nq	100
80) Butylbenzylphthalate	20.76	149	377753	44.258	nq	97
81) Benzo(a)anthracene	21.75	228	843474	44.698	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	228825	31.285	nq	97
83) Chrysene	21.81	228	791766	43.635	nq	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	533858	44.622	nq	99
85) Di-n-octyl phthalate	22.86	149	902416	46.255	nq	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	757726	38.934	nq	98
88) Benzo(b)fluoranthene	24.03	252	806127	46.054	nq	99
89) Benzo(k)fluoranthene	24.10	252	802397	46.789	nq	98
90) Benzo(a)pyrene	24.94	252	778543	46.808	nq	99
91) Dibenzo(a,h)anthracene	28.99	278	572549	37.318	nq	98
92) Benzo(g,h,i)perylene	30.13	276	613138	39.501	nq	98

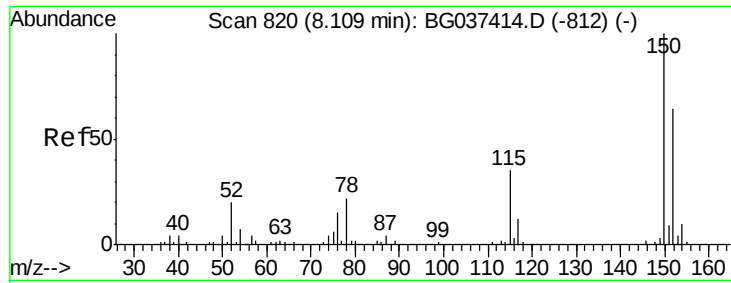
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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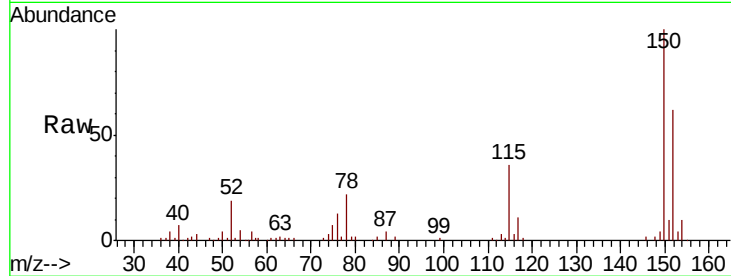


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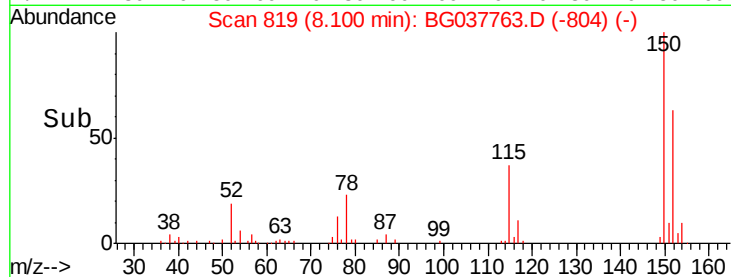
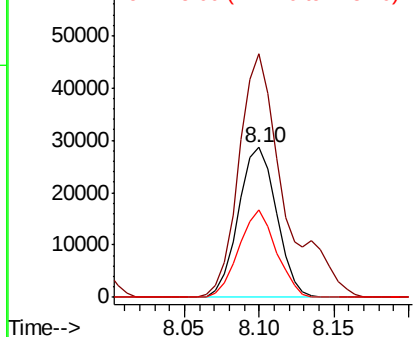
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:152 Resp: 50820
Ion Ratio Lower Upper
152 100
150 162.2 126.0 189.0
115 58.3 45.5 68.3



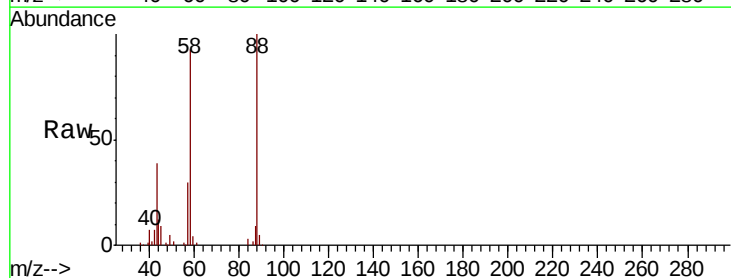
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



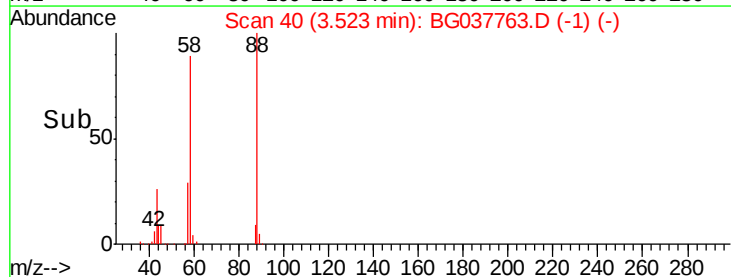
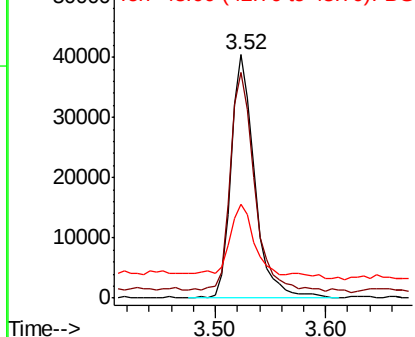
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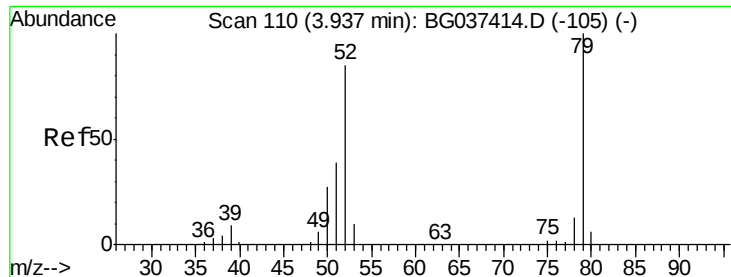
1,4-Dioxane
Concen: 39.412 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion: 88 Resp: 60755
Ion Ratio Lower Upper
88 100
58 92.1 74.4 111.6
43 27.5 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: 35.560 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

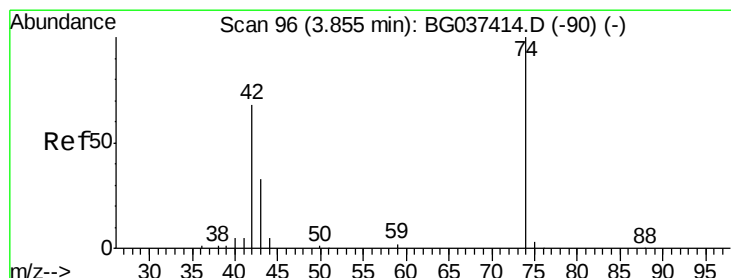
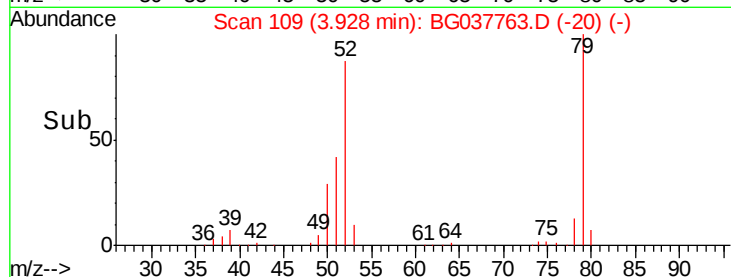
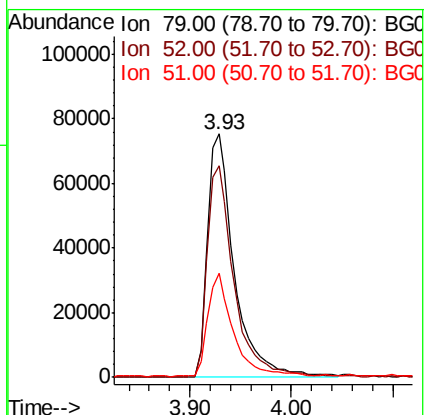
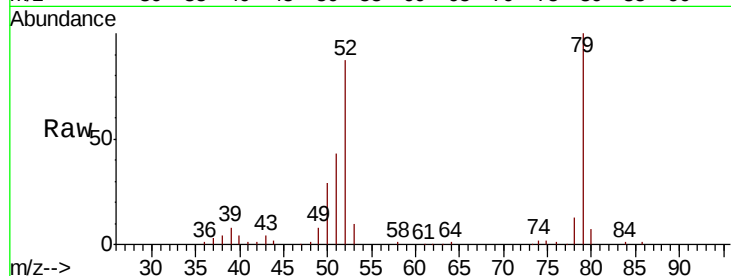
Tot Ion: 79 Resp: 138165

Ion Ratio Lower Upper

79 100

52 87.0 74.2 111.2

51 42.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.928 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

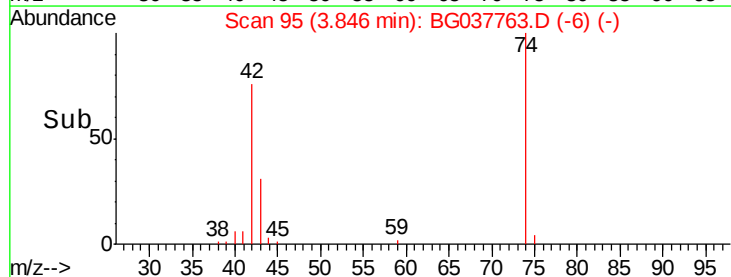
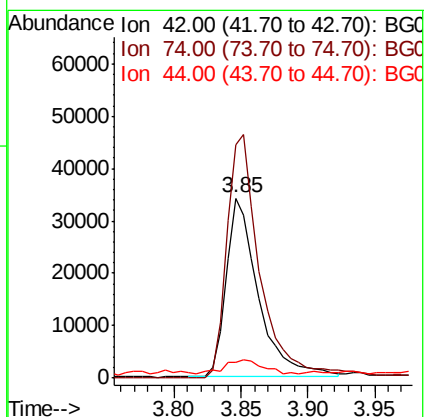
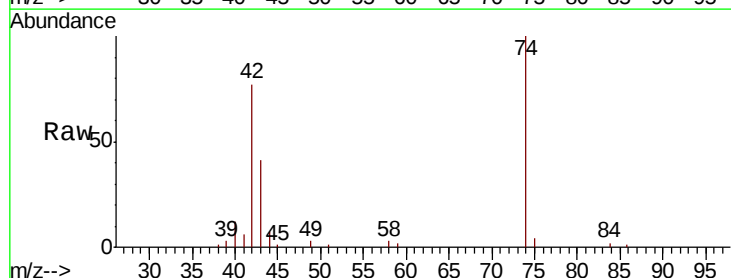
Tgt Ion: 42 Resp: 58025

Ion Ratio Lower Upper

42 100

74 129.8 102.0 153.0

44 8.8 9.6 14.4#





#5

2-Fluorophenol

Concen: 164.226 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

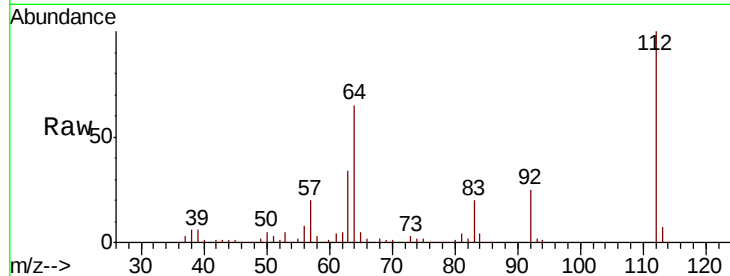
Tot Ion:112 Resp: 499204

Ion Ratio Lower Upper

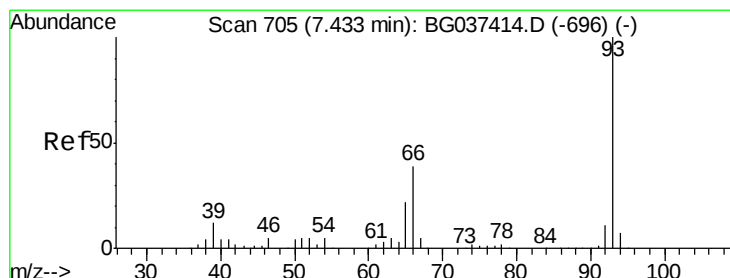
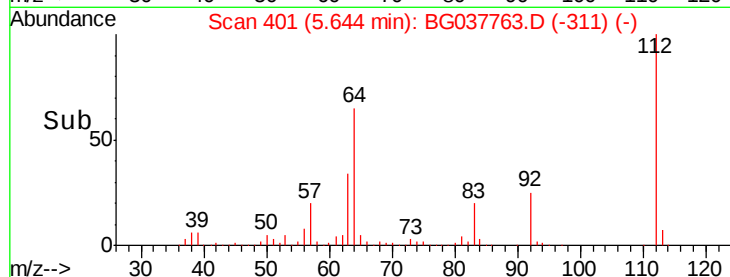
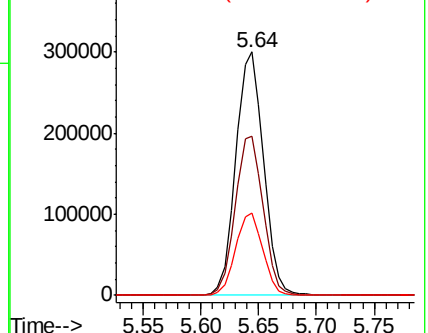
112 100

64 65.3 53.1 79.7

63 33.7 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: 32.443 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

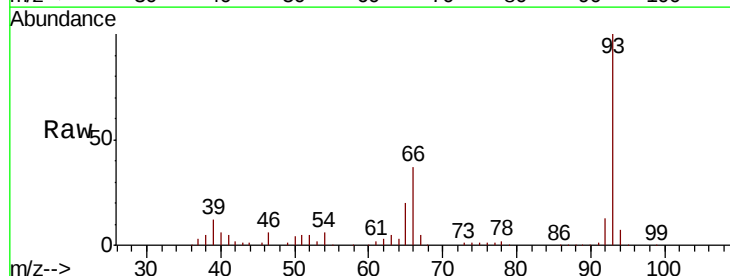
Tgt Ion: 93 Resp: 181920

Ion Ratio Lower Upper

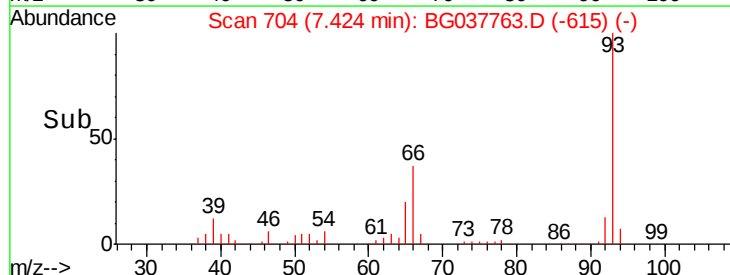
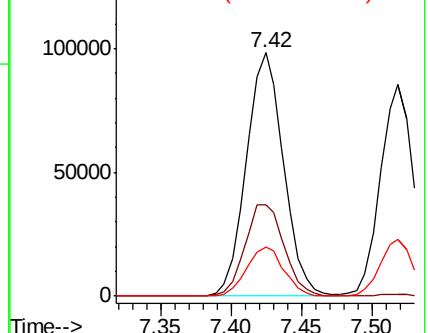
93 100

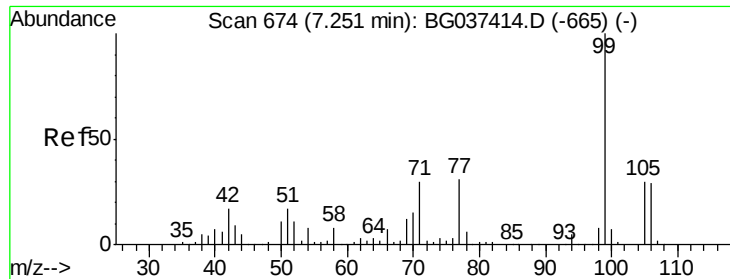
66 37.3 32.8 49.2

65 20.2 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: 152.783 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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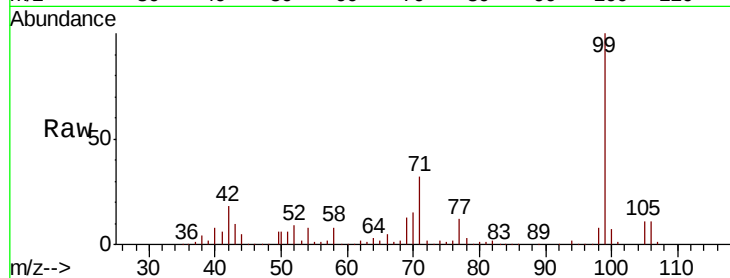
Tot Ion: 99 Resp: 702262

Ion Ratio Lower Upper

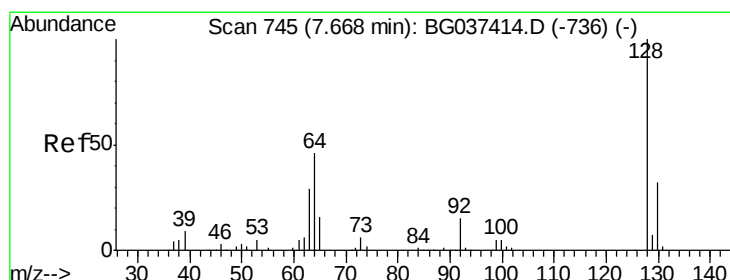
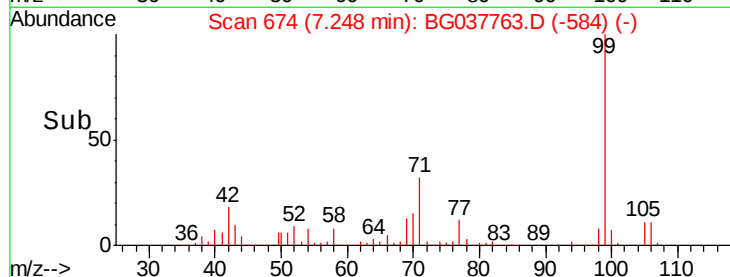
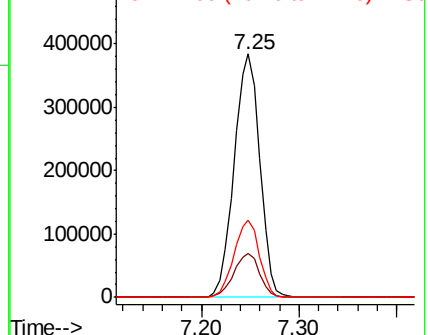
99 100

42 18.2 15.0 22.4

71 31.6 25.5 38.3



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



#8

2-Chlorophenol

Concen: 43.645 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

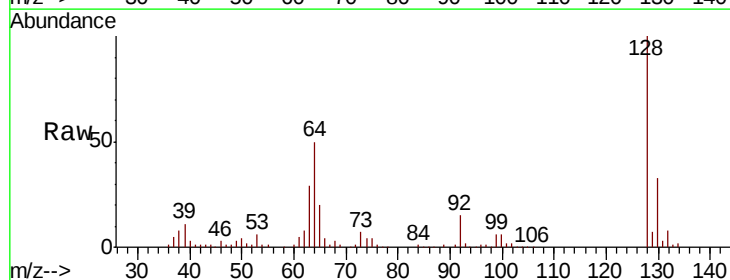
Tgt Ion: 128 Resp: 155205

Ion Ratio Lower Upper

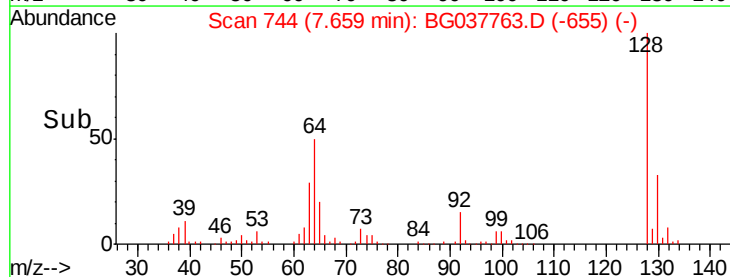
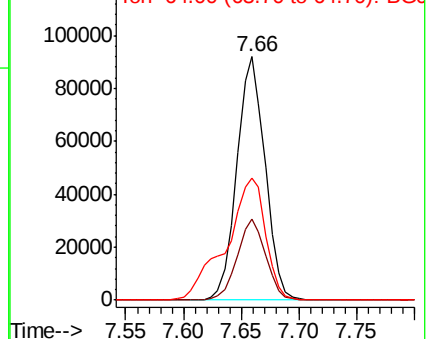
128 100

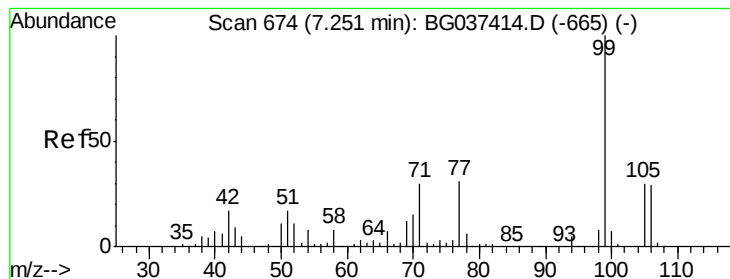
130 33.2 12.0 52.0

64 50.0 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





#9

Benzaldehyde

Concen: 39.613 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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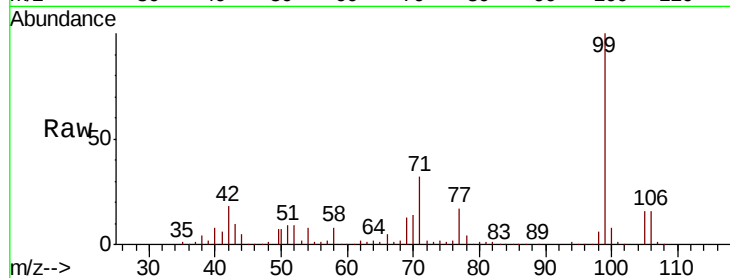
Tot Ion: 77 Resp: 113897

Ion Ratio Lower Upper

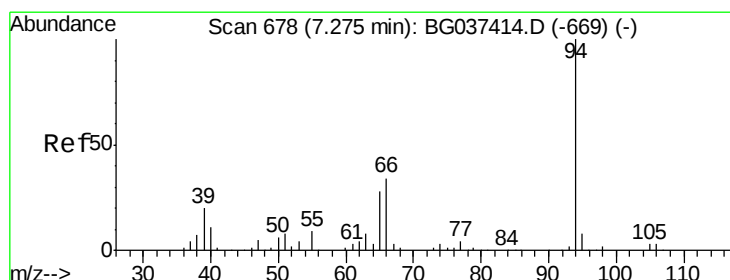
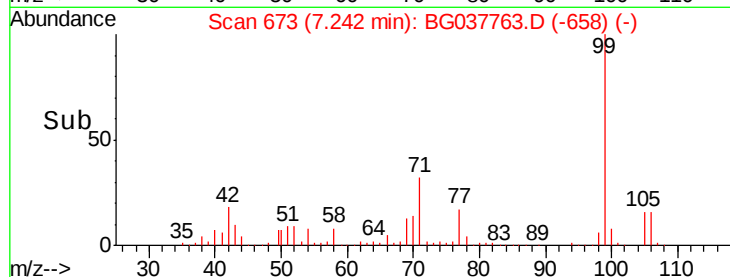
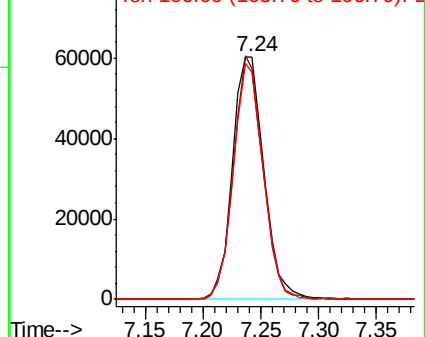
77 100

105 95.0 72.6 112.6

106 93.5 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: 42.429 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

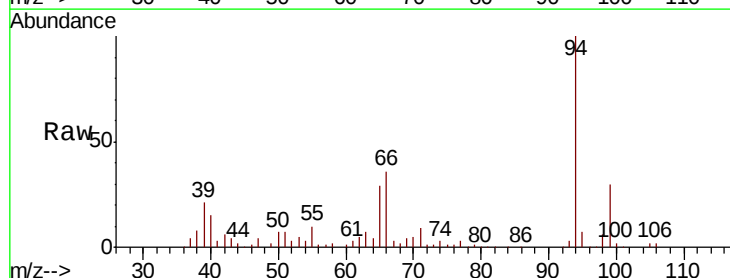
Tgt Ion: 94 Resp: 205772

Ion Ratio Lower Upper

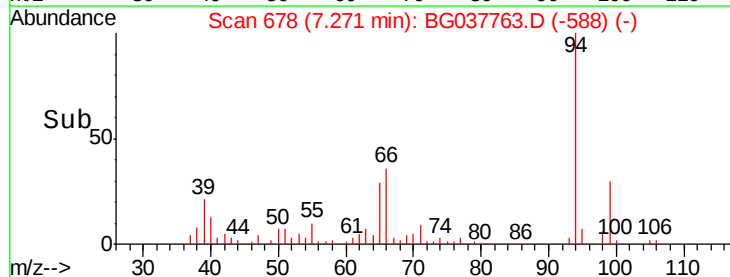
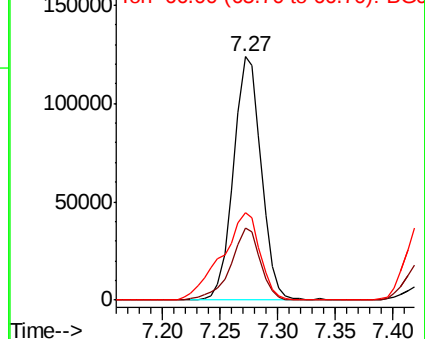
94 100

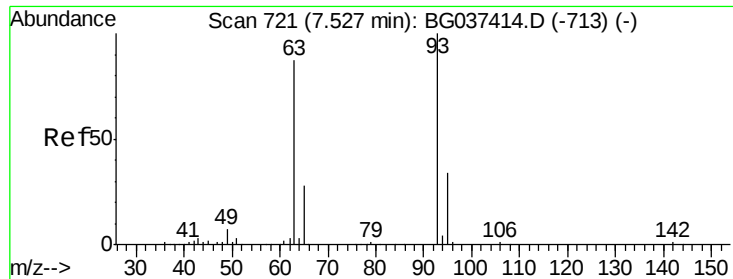
65 29.5 9.7 49.7

66 36.0 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

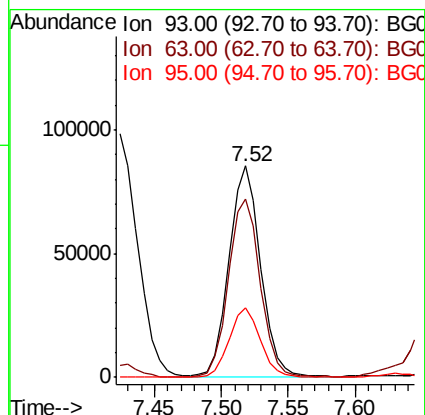
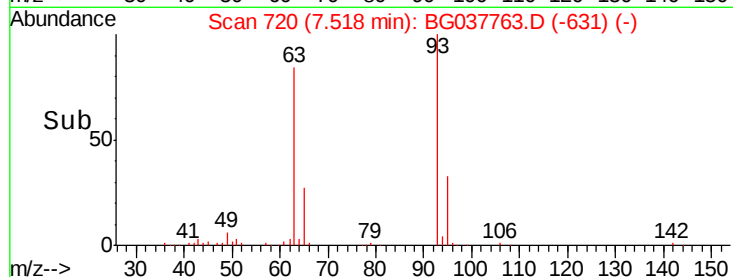
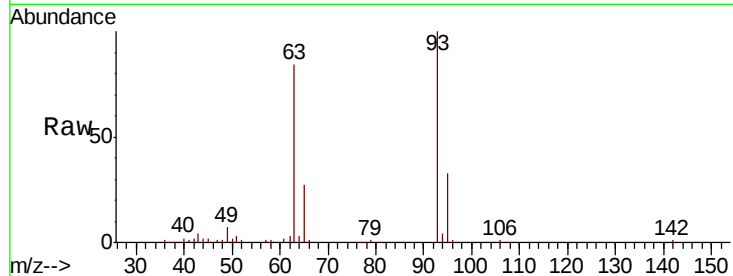




#11
bis(2-Chloroethyl)ether
Concen: 38.108 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

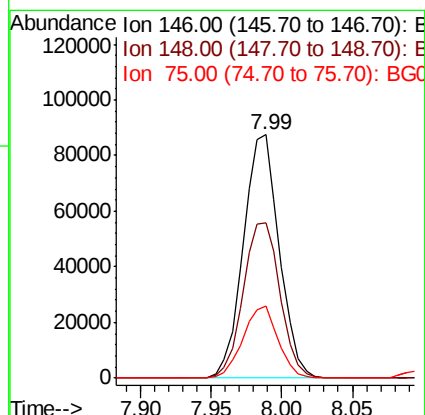
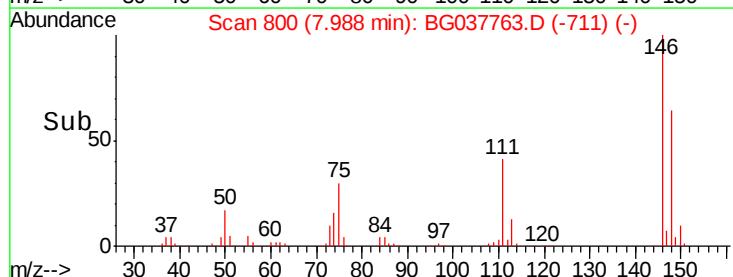
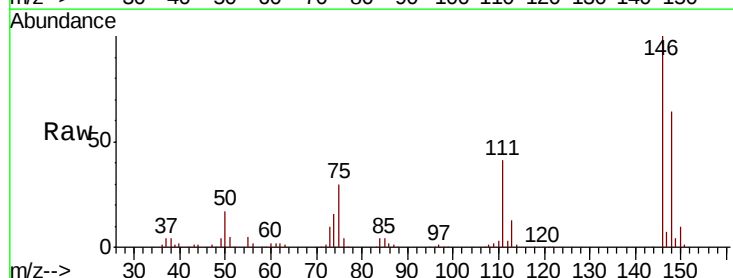
Instrument :
BNA_G
ClientSampleId :
PB114420BS

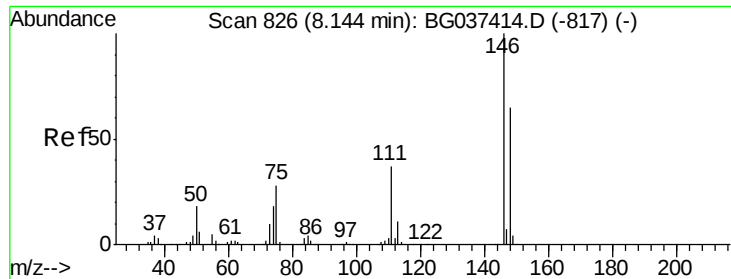
Tot Ion: 93 Resp: 140365
Ion Ratio Lower Upper
93 100
63 84.4 69.5 109.5
95 33.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.217 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion: 146 Resp: 155254
Ion Ratio Lower Upper
146 100
148 64.0 49.8 74.8
75 29.6 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 39.455 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

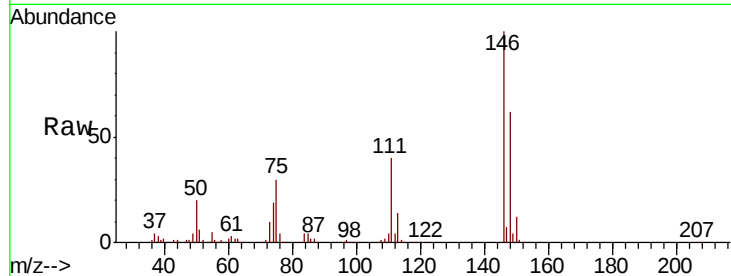
Tot Ion:146 Resp: 159775

Ion Ratio Lower Upper

146 100

148 61.9 51.0 76.6

111 39.9 32.4 48.6

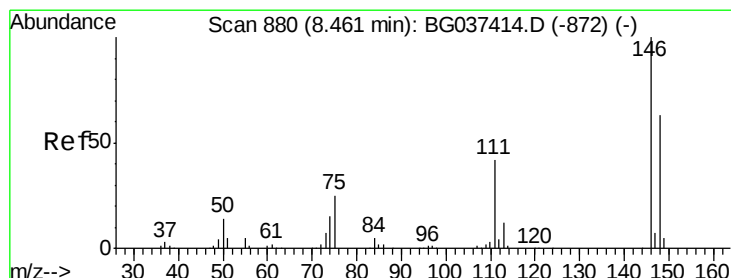
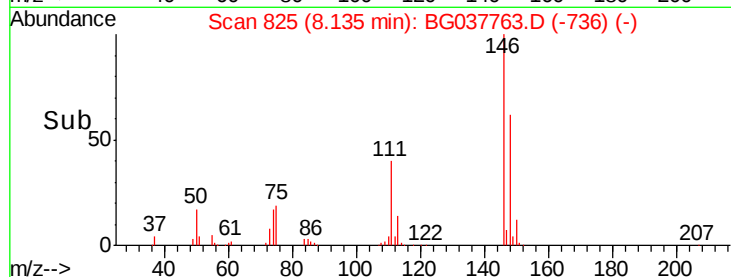
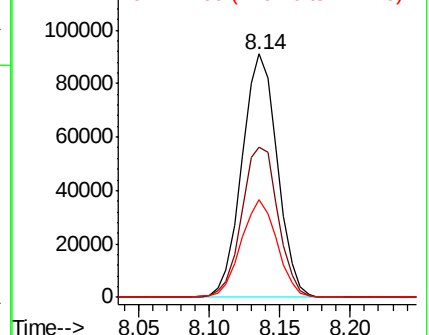


Abundance

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: 39.411 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

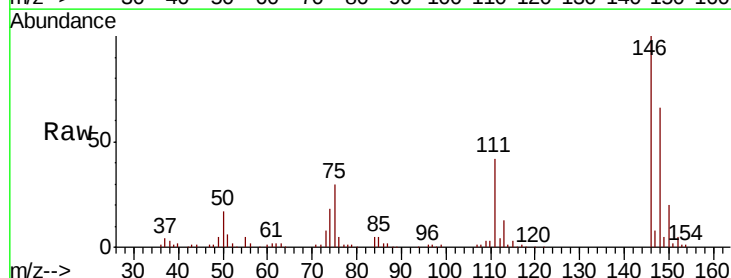
Tgt Ion:146 Resp: 153520

Ion Ratio Lower Upper

146 100

148 65.9 50.4 75.6

111 41.6 34.6 51.8

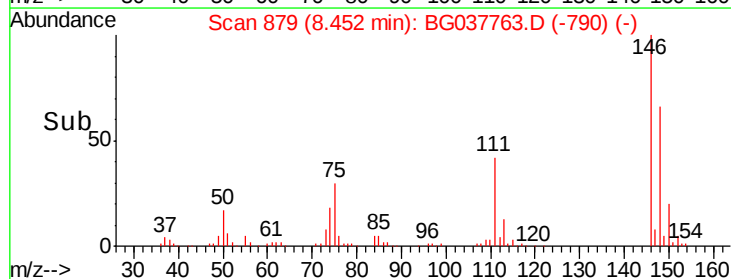
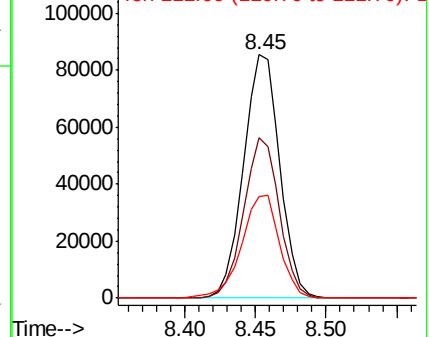


Abundance

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: 40.171 ng

RT: 8.33 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

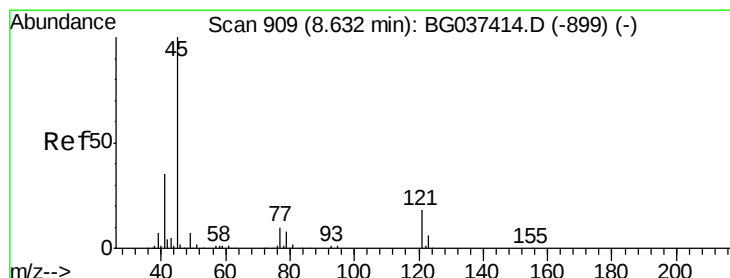
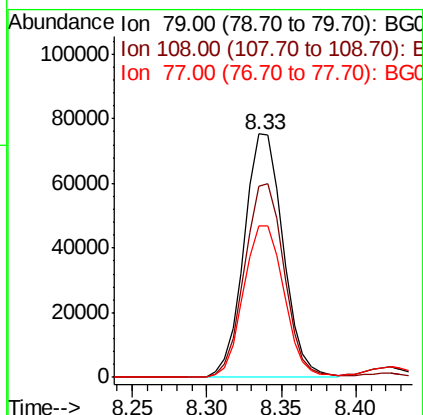
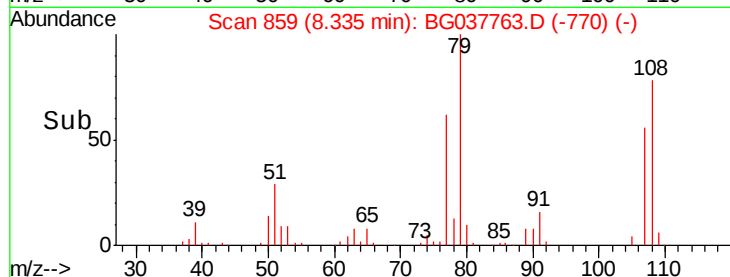
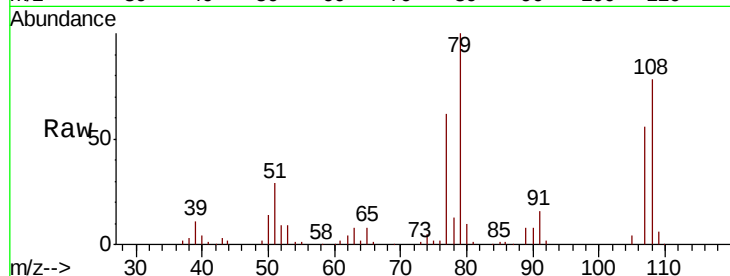
Tot Ion: 79 Resp: 136432

Ion Ratio Lower Upper

79 100

108 78.3 65.8 98.8

77 62.3 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.196 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

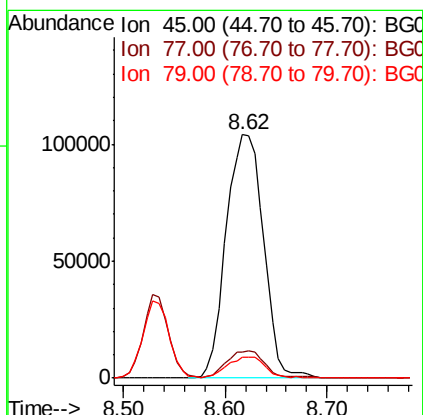
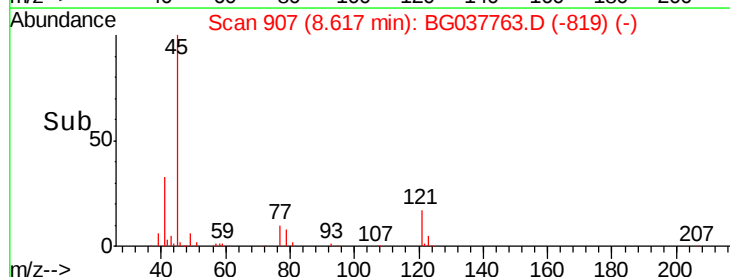
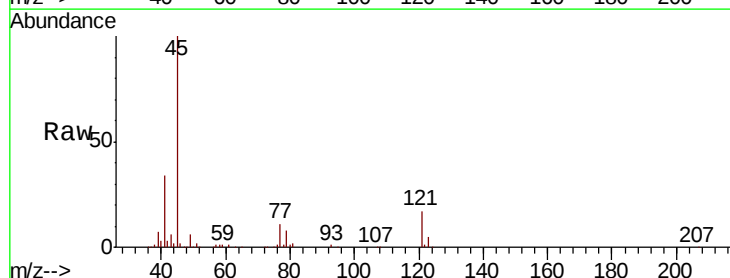
Tgt Ion: 45 Resp: 264920

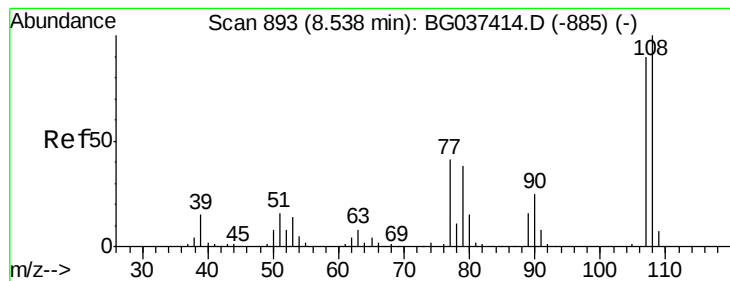
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.0

79 8.5 0.0 29.0





#17

2-Methylphenol

Concen: 43.255 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

Tot Ion:107 Resp: 138688

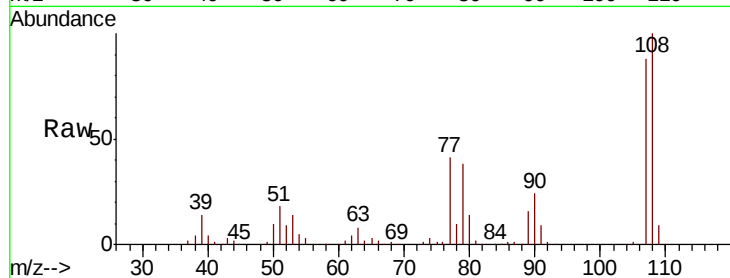
Ion Ratio Lower Upper

107 100

108 114.0 87.9 131.9

77 46.6 35.1 52.7

79 43.2 34.5 51.7

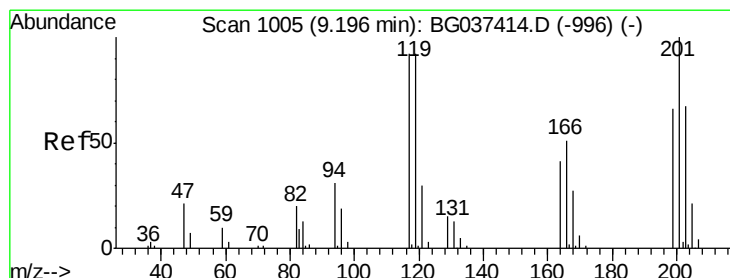
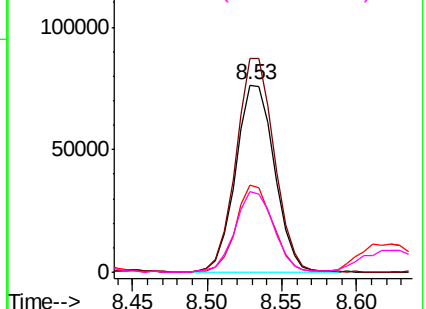
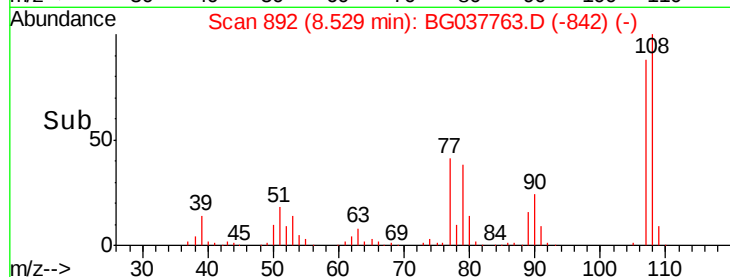


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.016 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

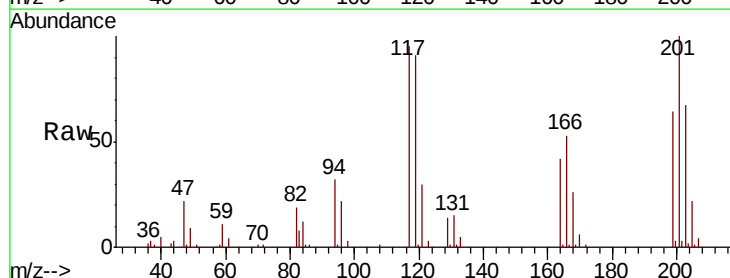
Tgt Ion:117 Resp: 58005

Ion Ratio Lower Upper

117 100

119 96.4 74.6 111.8

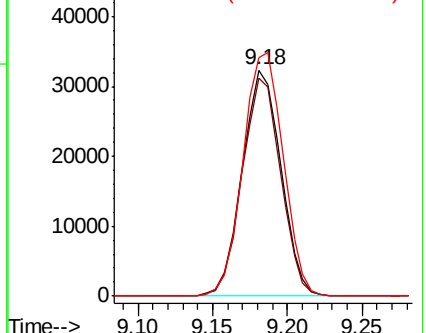
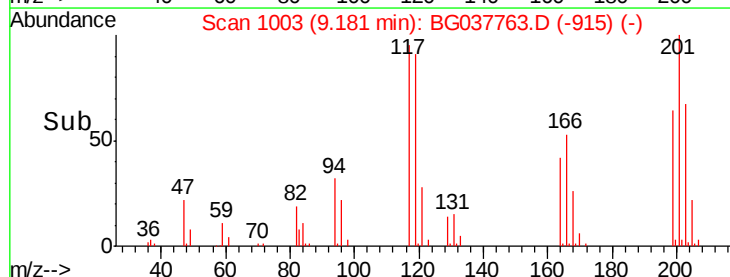
201 108.6 80.8 121.2

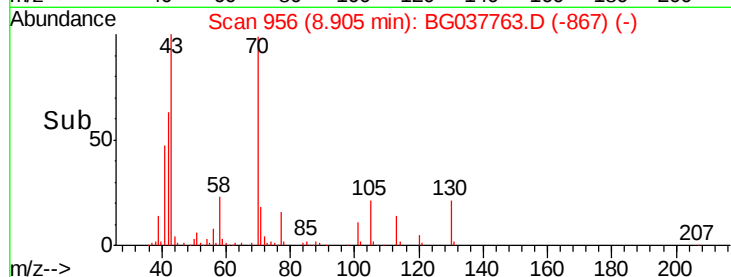
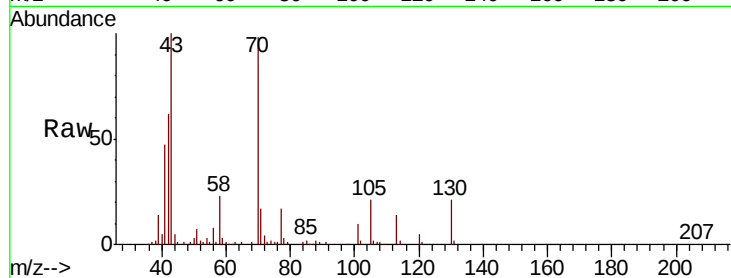
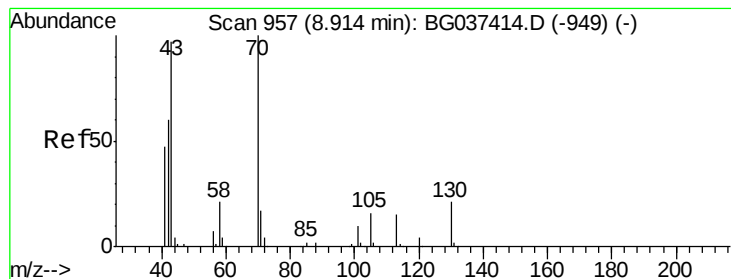


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.025 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

Tot Ion: 70 Resp: 117190

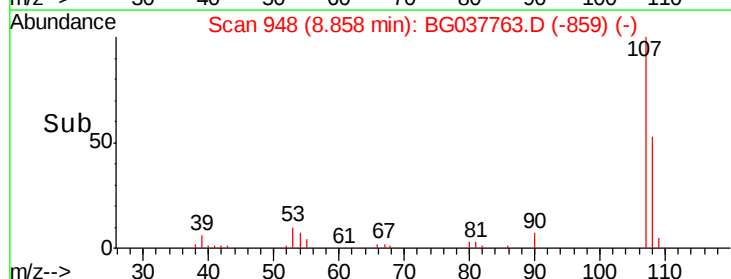
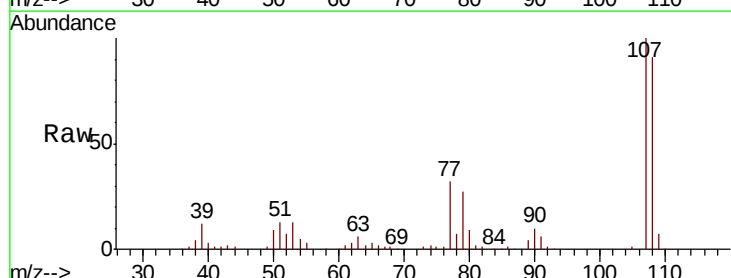
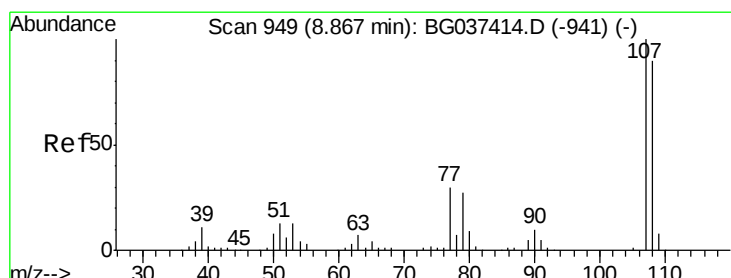
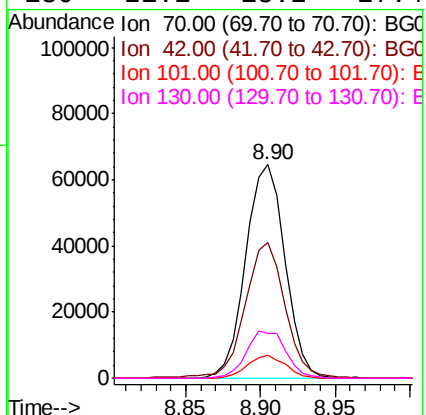
Ion Ratio Lower Upper

70 100

42 63.5 53.9 80.9

101 10.6 8.2 12.2

130 21.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 41.935 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Tgt Ion: 107 Resp: 192233

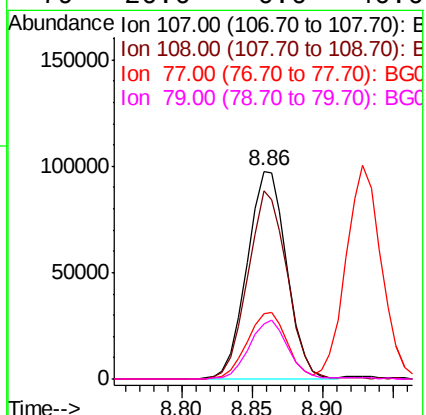
Ion Ratio Lower Upper

107 100

108 90.8 69.9 109.9

77 31.7 11.2 51.2

79 26.6 6.6 46.6

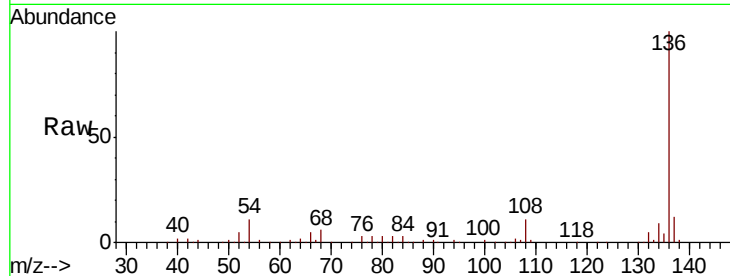




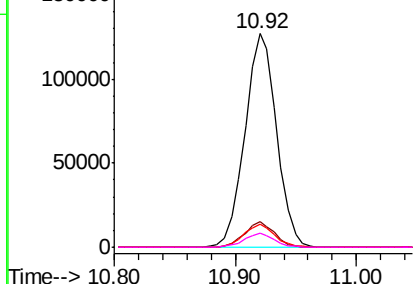
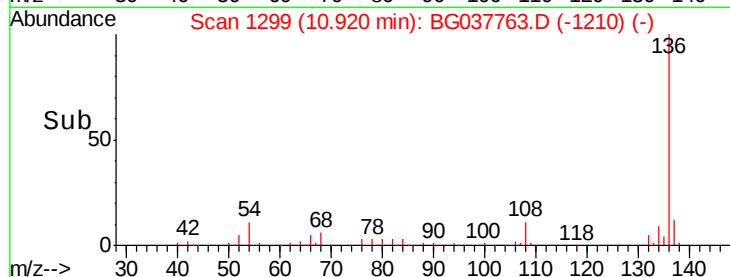
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:136	Resp:	231136	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.6	14.4	
54 10.6	7.9	11.9	
68 6.4	4.8	7.2	

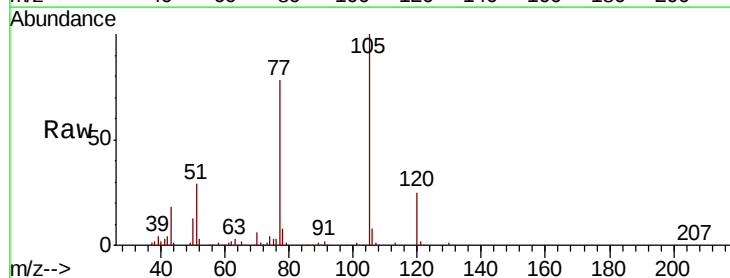


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

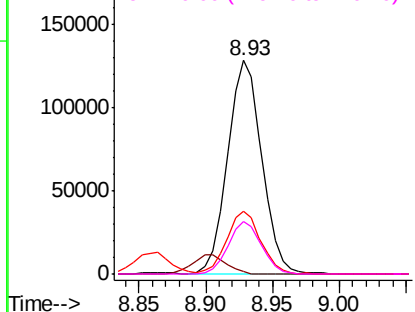
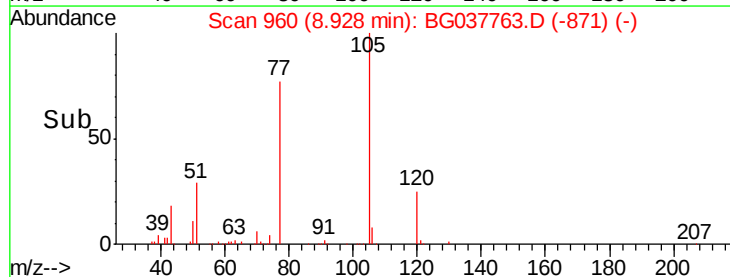


#22
Acetophenone
Concen: 39.311 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt	Ion:105	Resp:	227877
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	29.2	25.0	37.6
120	24.6	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
200000
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

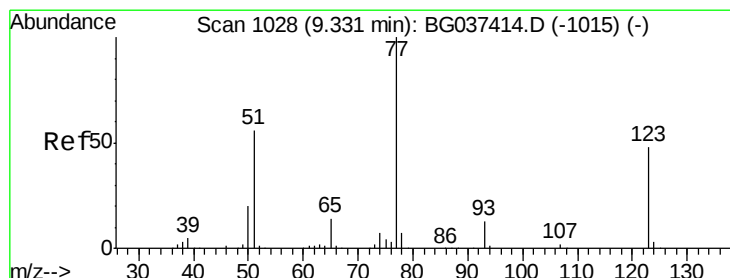
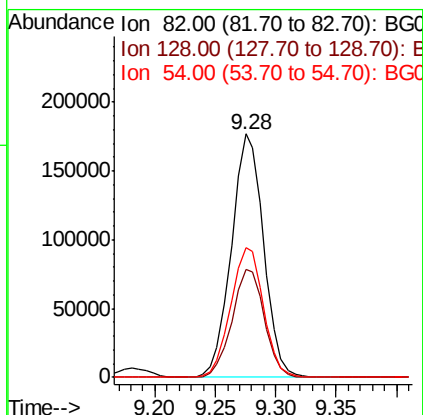
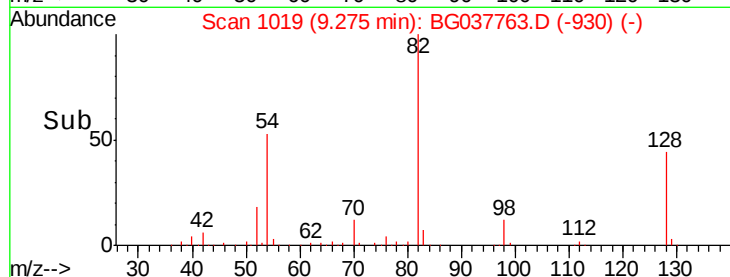
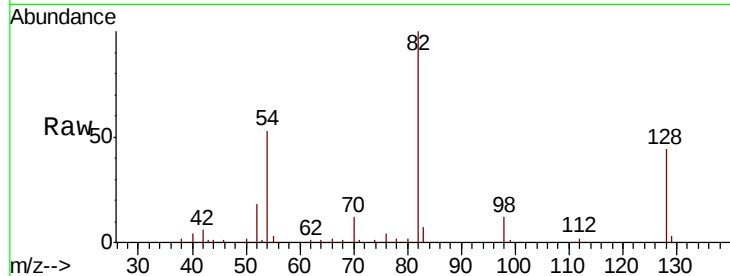




#23
Nitrobenzene-d5
Concen: 79.465 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

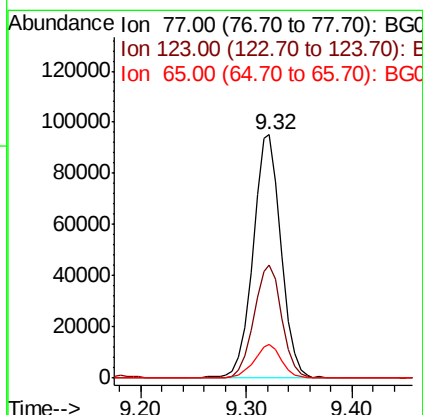
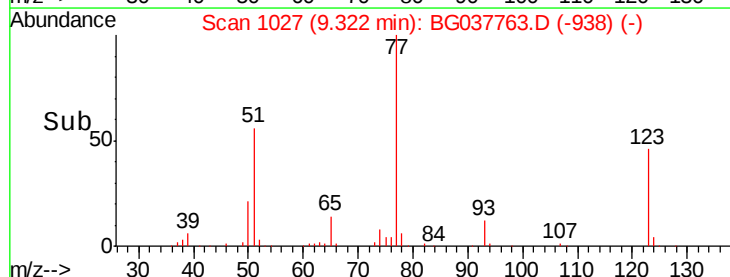
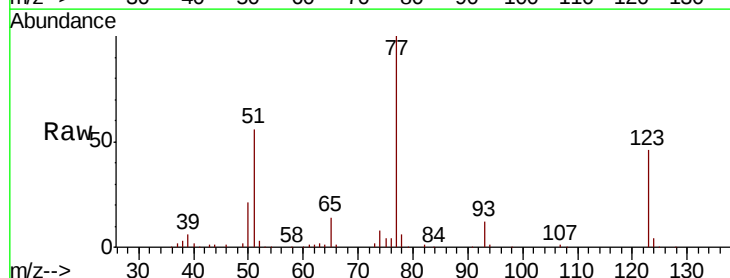
Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion: 82 Resp: 327875
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 53.5 45.3 67.9



#24
Nitrobenzene
Concen: 40.960 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion: 77 Resp: 175570
Ion Ratio Lower Upper
77 100
123 46.3 33.6 50.4
65 13.8 11.3 16.9

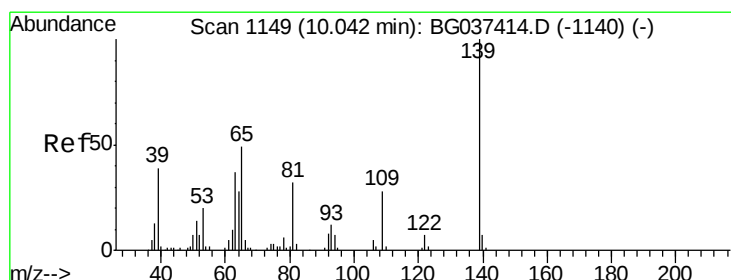
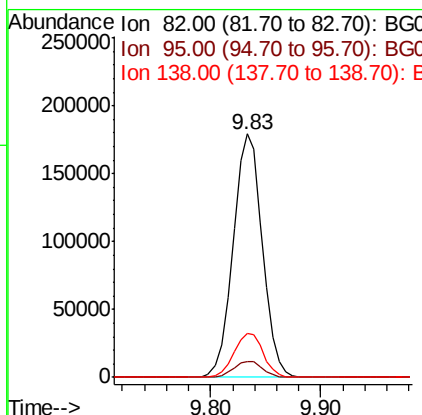
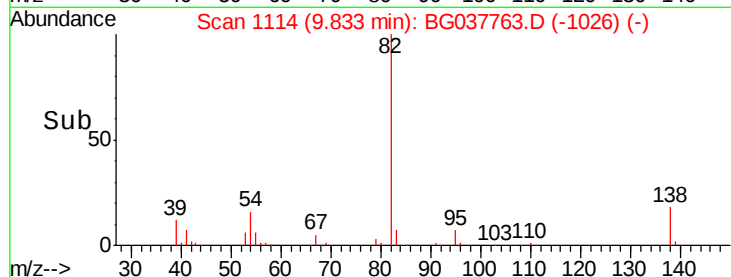
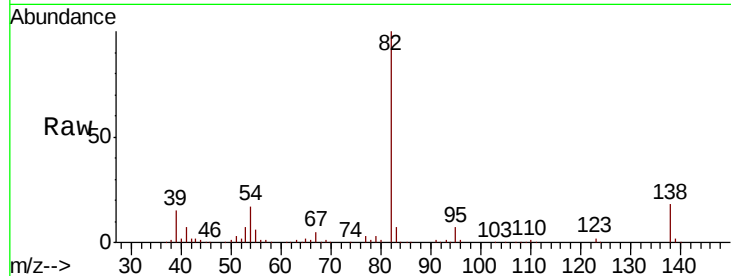




#25
Isophorone
Concen: 43.949 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

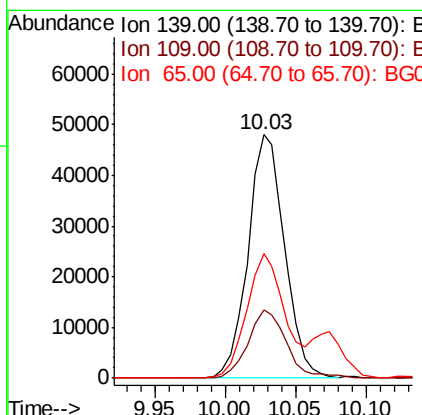
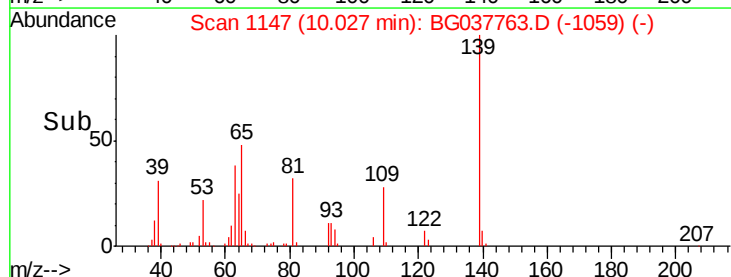
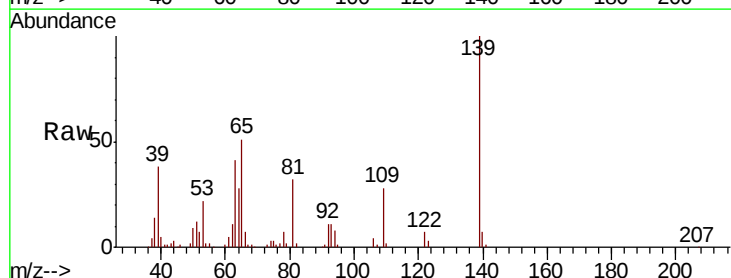
Instrument :
BNA_G
ClientSampleId :
PB114420BS

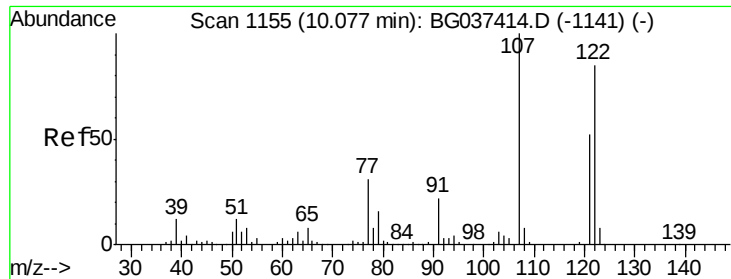
Tot Ion: 82 Resp: 331330
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.3 13.3 19.9



#26
2-Nitrophenol
Concen: 45.183 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion: 139 Resp: 87247
Ion Ratio Lower Upper
139 100
109 28.1 23.3 34.9
65 51.2 39.8 59.8

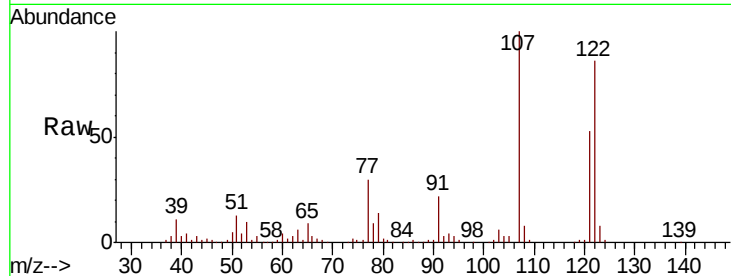




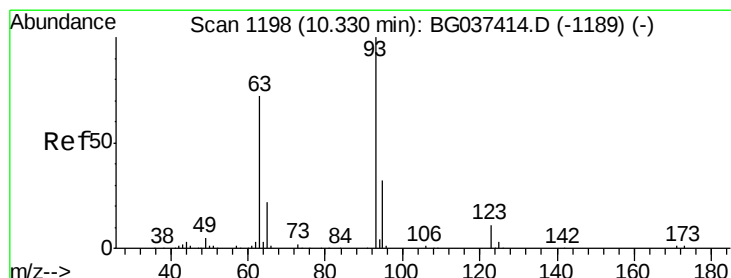
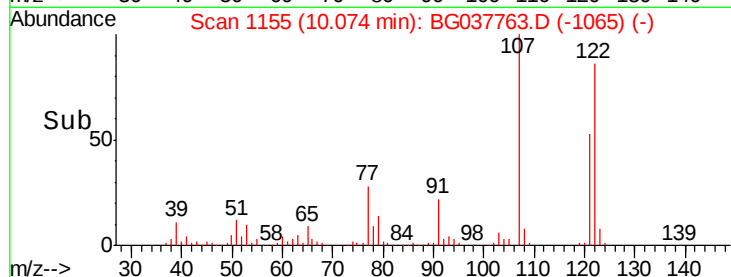
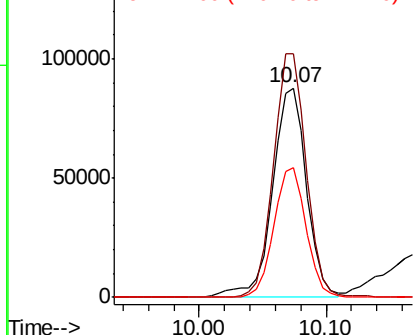
#27
2,4-Dimethylphenol
Concen: 47.333 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:122 Resp: 163188
Ion Ratio Lower Upper
122 100
107 116.4 94.2 141.2
121 61.8 47.3 70.9

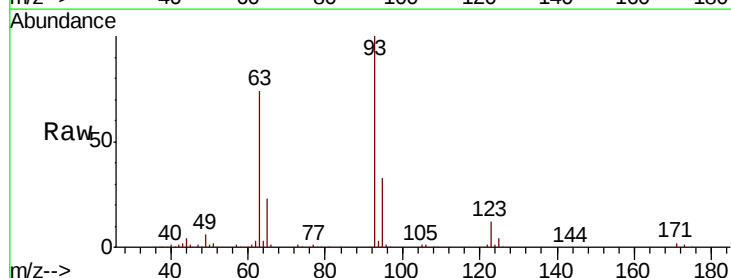


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

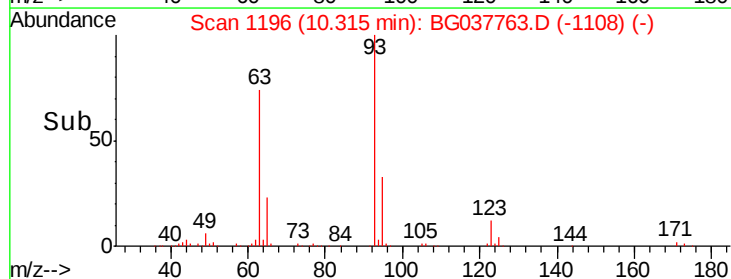
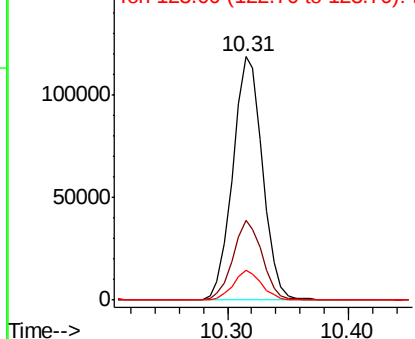


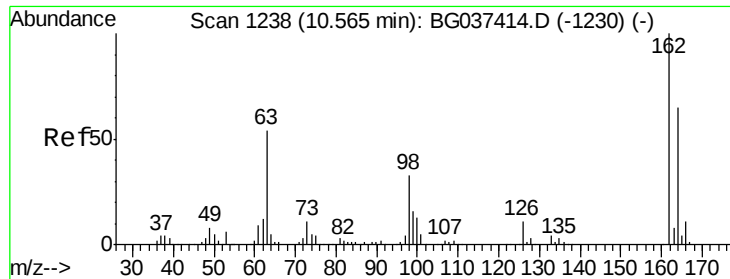
#28
bis(2-Chloroethoxy)methane
Concen: 41.261 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion: 93 Resp: 203801
Ion Ratio Lower Upper
93 100
95 32.6 24.6 37.0
123 12.2 9.1 13.7



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

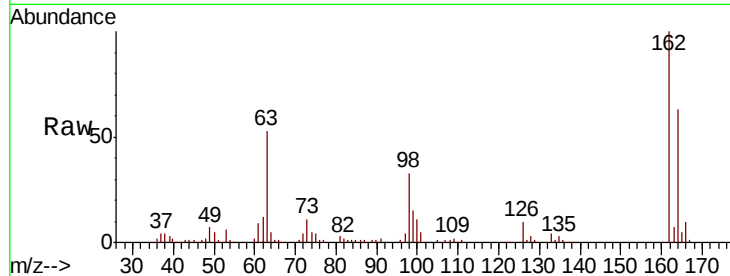




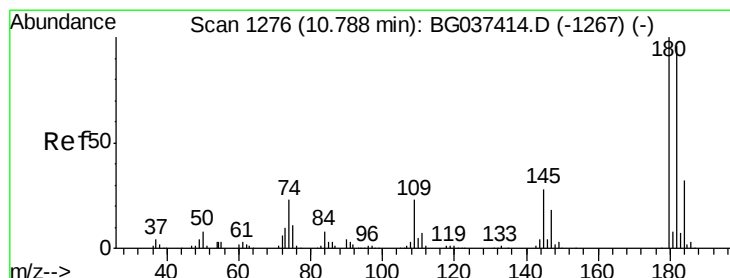
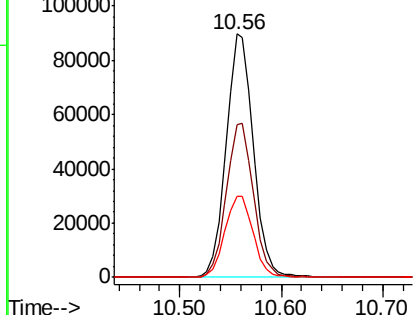
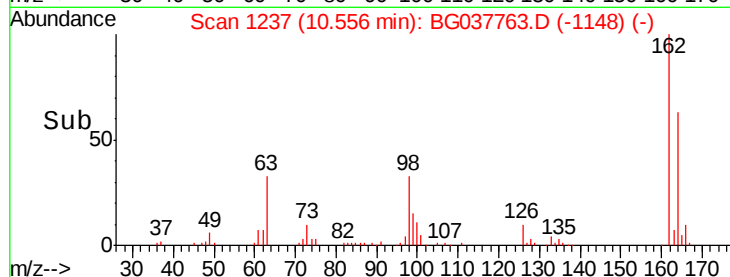
#29
 2,4-Dichlorophenol
 Concen: 43.394 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037763.D
 Acq: 2 Nov 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB114420BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.2	83.2
98	33.5	16.0	56.0

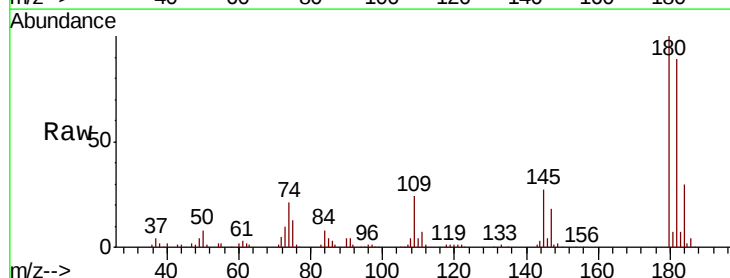


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

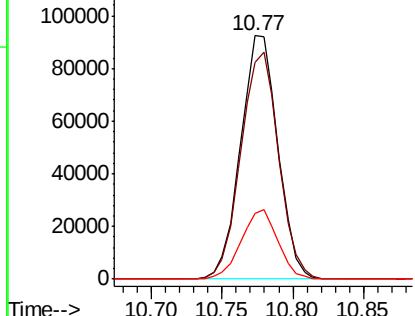
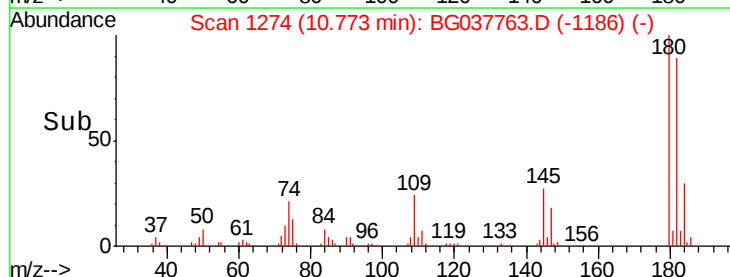


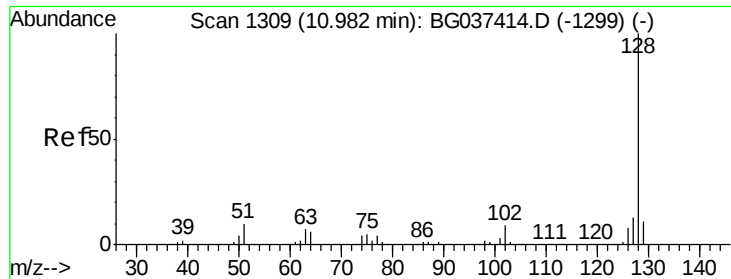
#30
 1,2,4-Trichlorobenzene
 Concen: 40.998 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037763.D
 Acq: 2 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.0	77.7	116.5
145	26.8	23.3	34.9



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

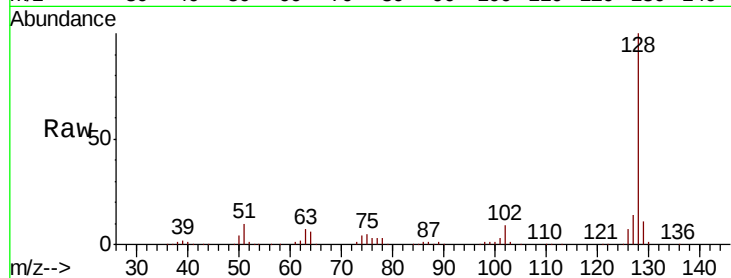




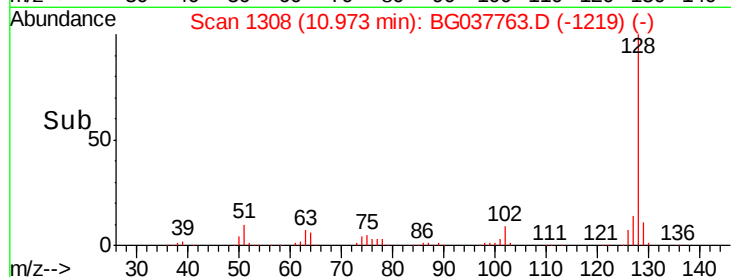
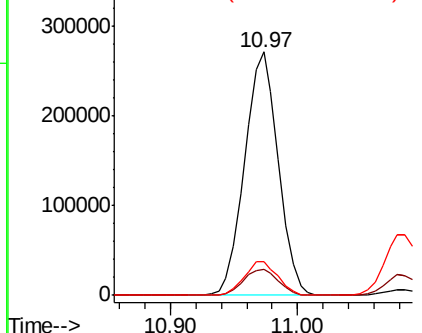
#31
Naphthalene
Concen: 43.855 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:128 Resp: 497883
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 14.0 11.1 16.7

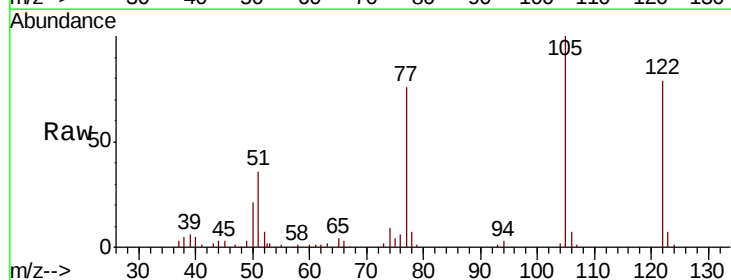


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

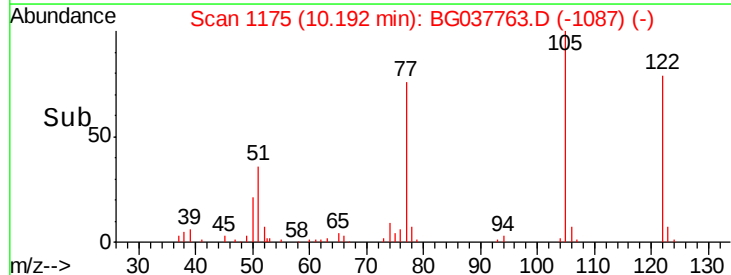
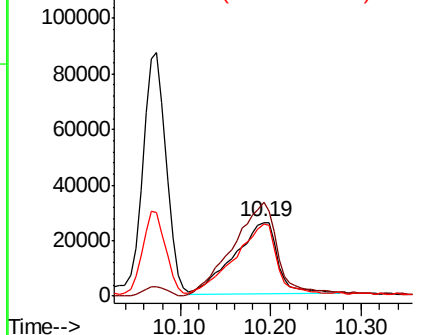


#32
Benzoic acid
Concen: 39.243 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:122 Resp: 87876
Ion Ratio Lower Upper
122 100
105 127.3 106.7 146.7
77 96.8 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

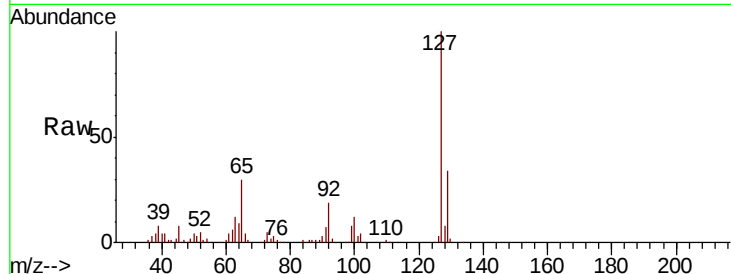




#33
4-Chloroaniline
Concen: 24.795 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:	127	Resp:	132260
Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.1	40.7
65	30.4	26.6	39.8
92	19.4	16.4	24.6



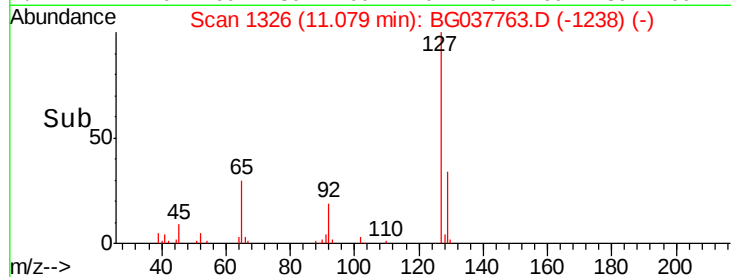
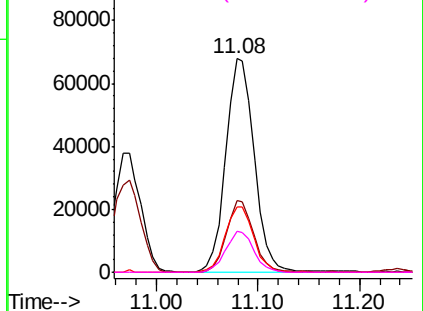
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

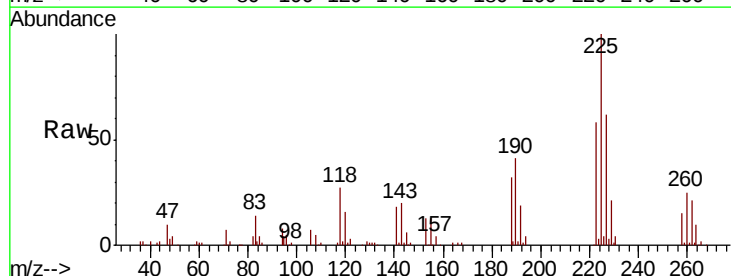
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 41.689 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:	225	Resp:	103143
Ion	Ratio	Lower	Upper
225	100		
223	58.9	48.2	72.4
227	62.3	51.6	77.4

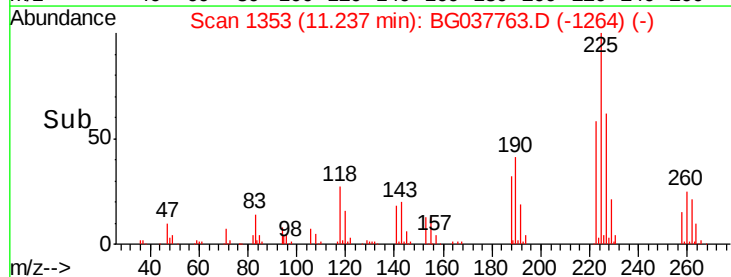
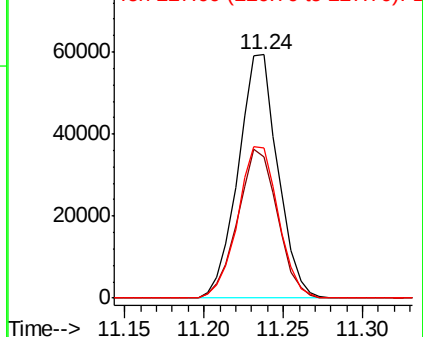


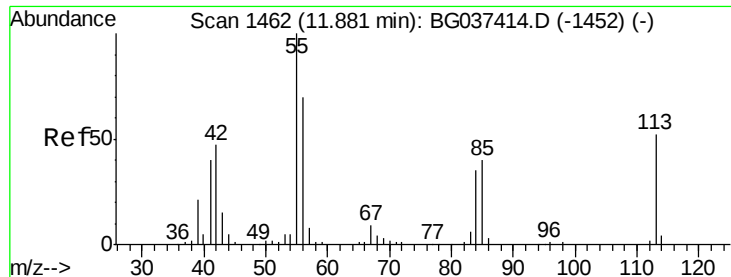
Abundance

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: 26.023 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

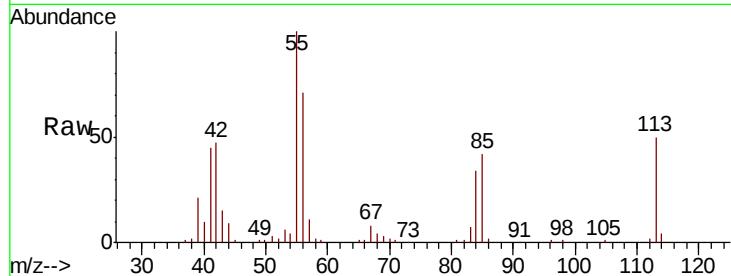
Tot Ion:113 Resp: 40064

Ion Ratio Lower Upper

113 100

55 201.8 176.6 216.6

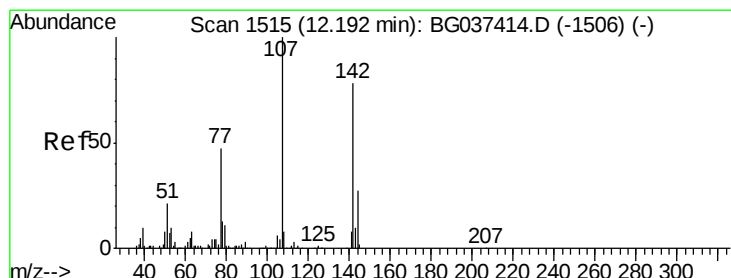
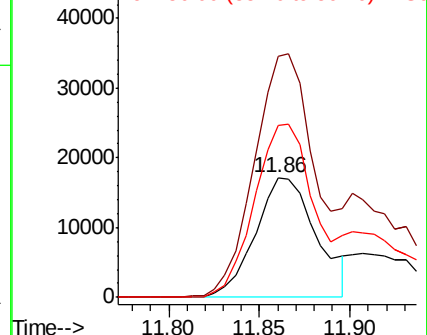
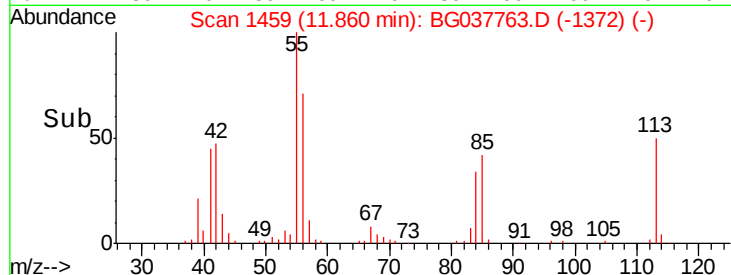
56 144.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.767 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

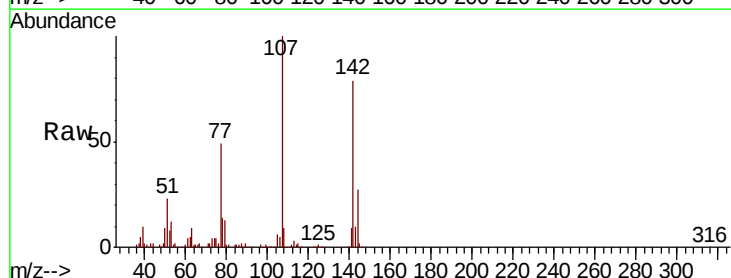
Tgt Ion:107 Resp: 180817

Ion Ratio Lower Upper

107 100

144 27.3 20.7 31.1

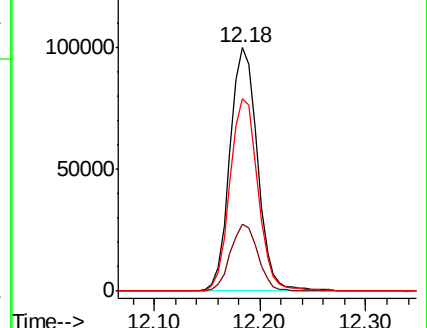
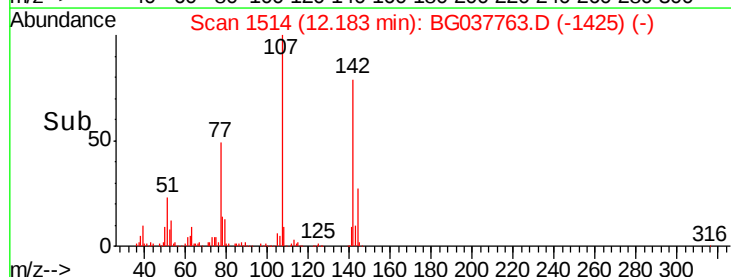
142 79.2 64.4 96.6

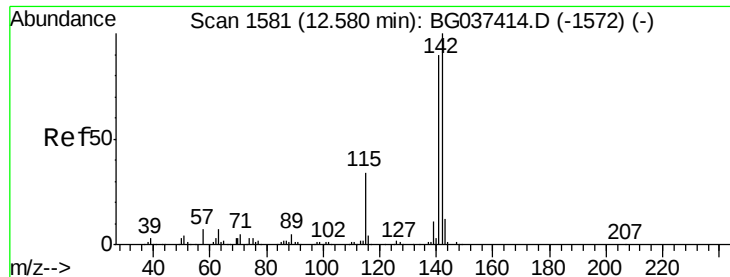


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

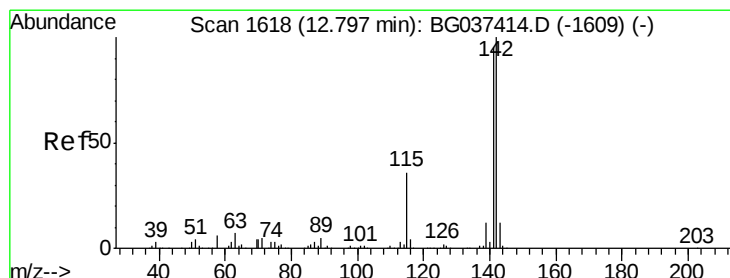
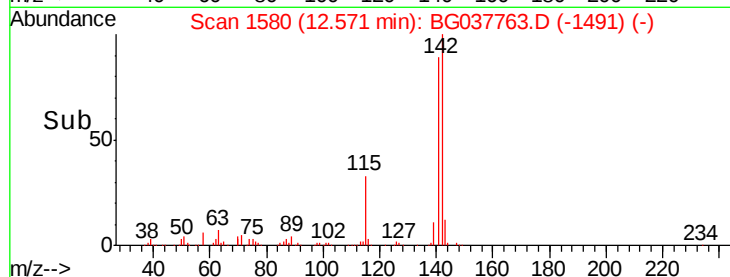
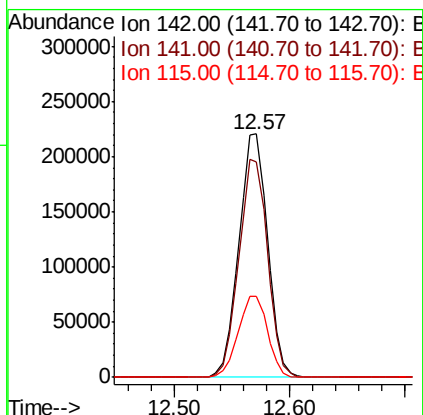
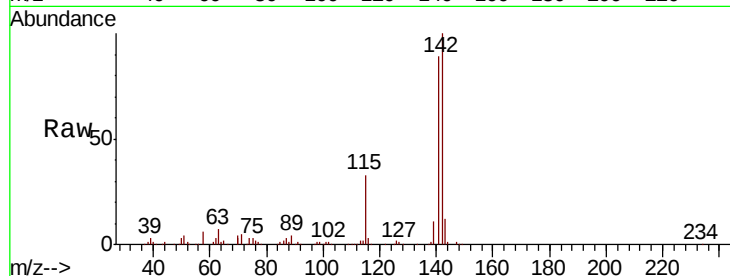




#37
2-Methylnaphthalene
Concen: 46.068 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

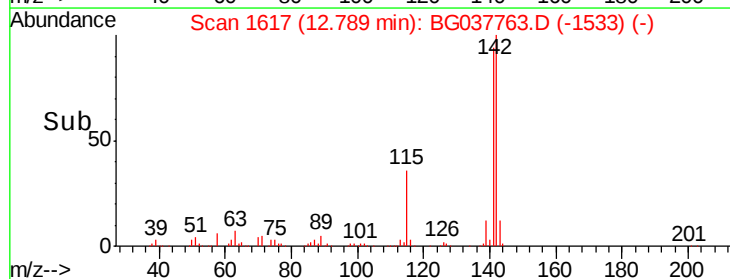
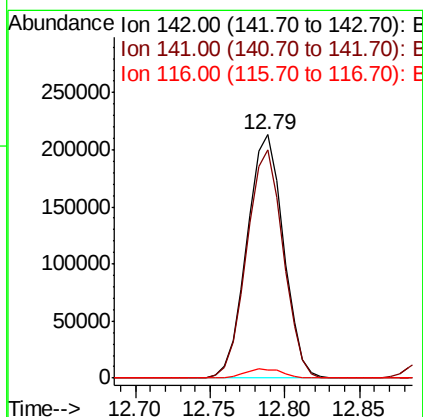
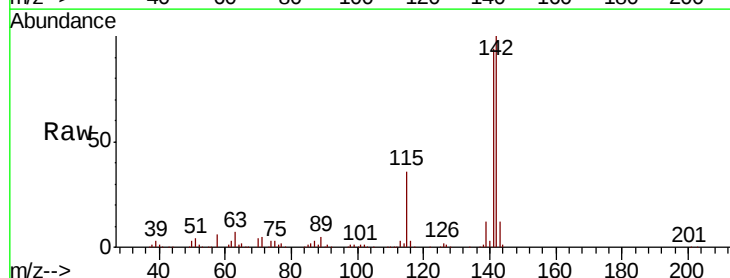
Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9
115	33.5	27.8	41.8



#38
1-Methylnaphthalene
Concen: 44.839 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.2	112.8
116	3.4	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

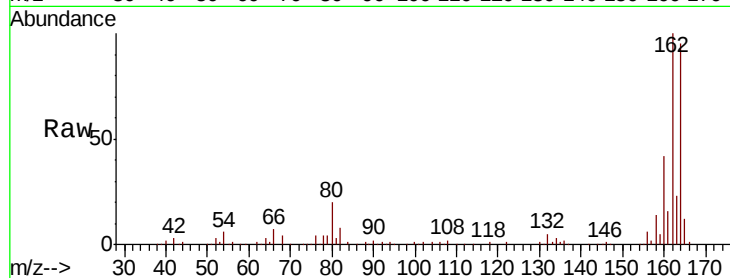
Tot Ion:164 Resp: 154242

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

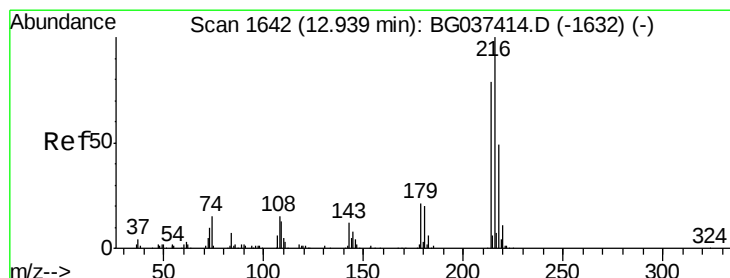
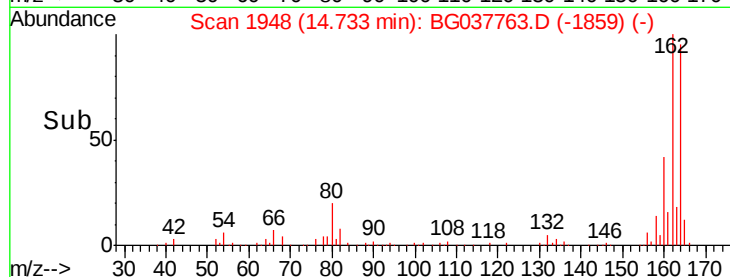
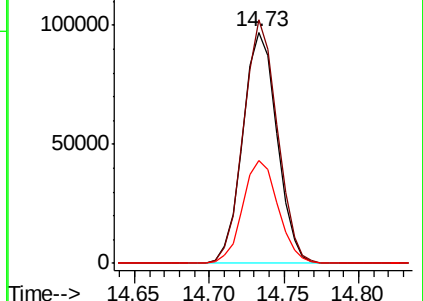
160 44.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.972 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Tgt Ion:216 Resp: 203840

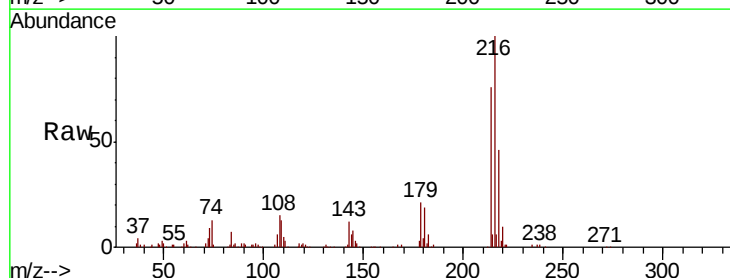
Ion Ratio Lower Upper

216 100

214 77.9 63.8 95.6

179 21.0 17.4 26.0

108 18.9 13.9 20.9

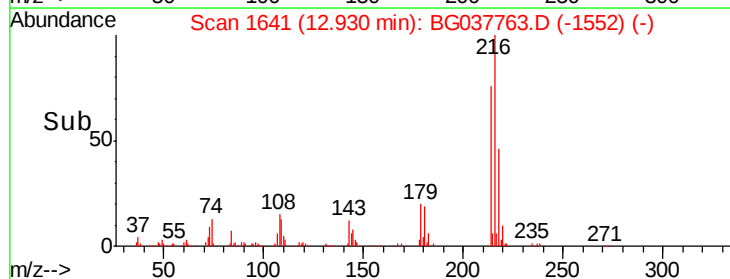
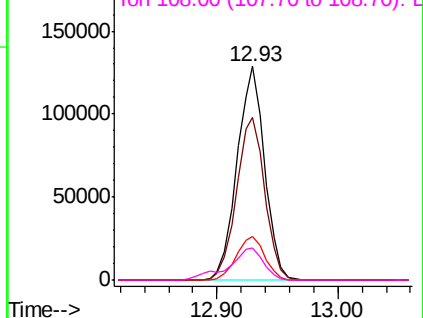


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

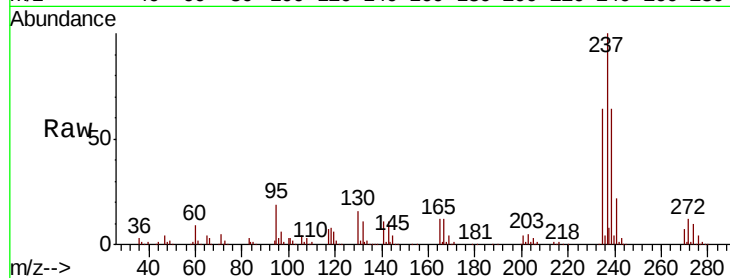




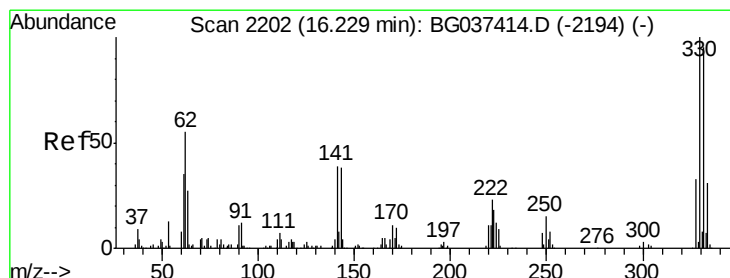
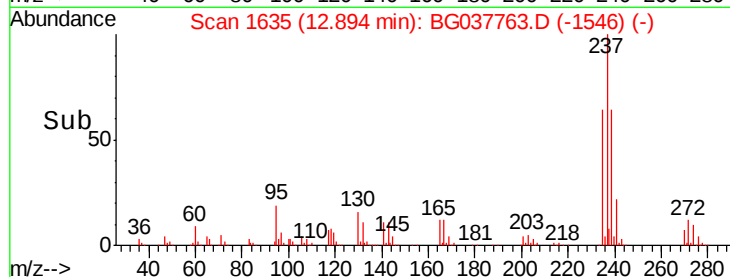
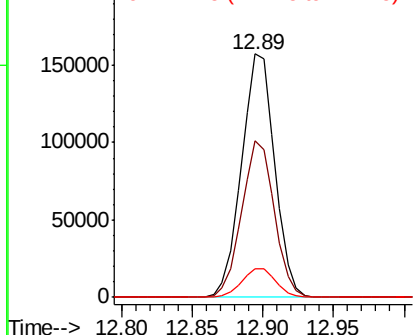
#41
Hexachlorocyclopentadiene
Concen: 108.942 ng
RT: 12.89 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:237 Resp: 258900
Ion Ratio Lower Upper
237 100
235 64.2 42.5 82.5
272 11.8 0.0 31.6

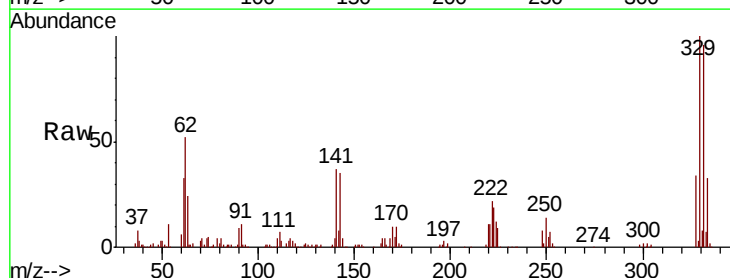


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

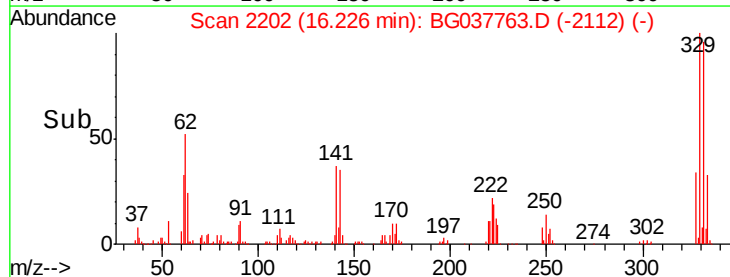
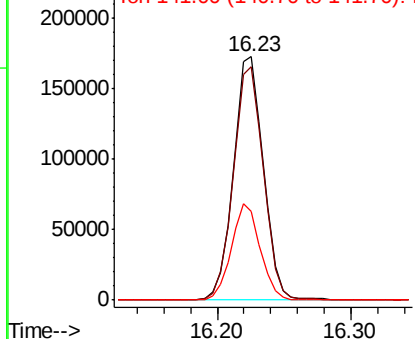


#42
2,4,6-Tribromophenol
Concen: 158.995 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:330 Resp: 267477
Ion Ratio Lower Upper
330 100
332 97.1 78.4 117.6
141 38.5 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

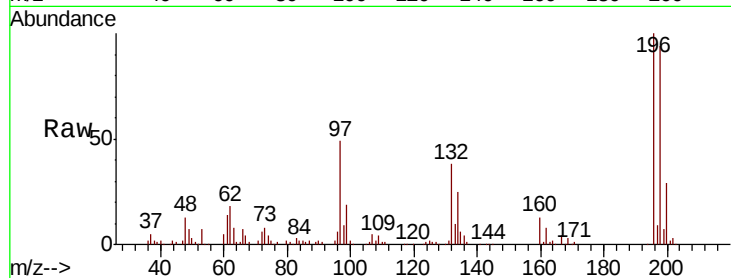




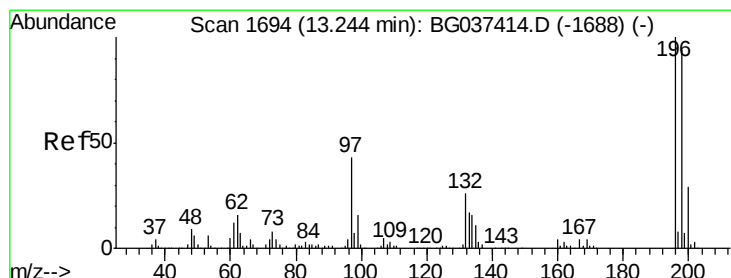
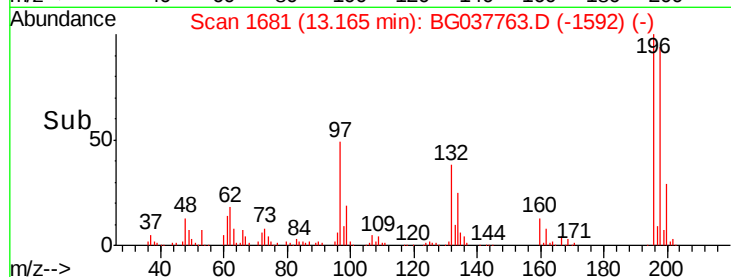
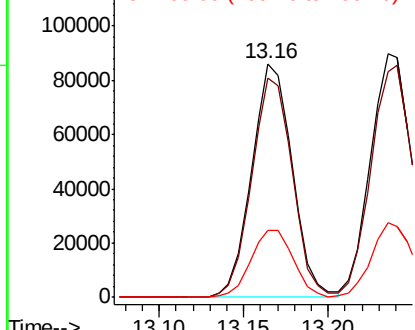
#43
 2,4,6-Trichlorophenol
 Concen: 43.289 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037763.D
 Acq: 2 Nov 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB114420BS

Tot Ion:196 Resp: 143883
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.4 114.6
 200 28.7 24.9 37.3

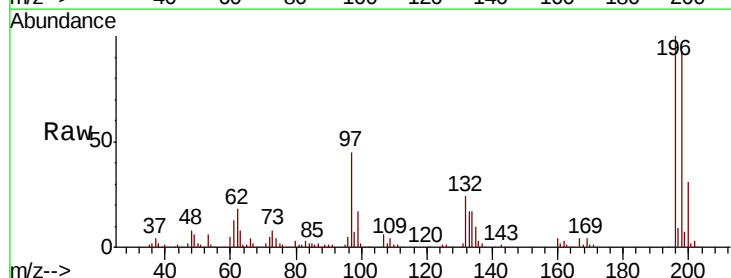


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

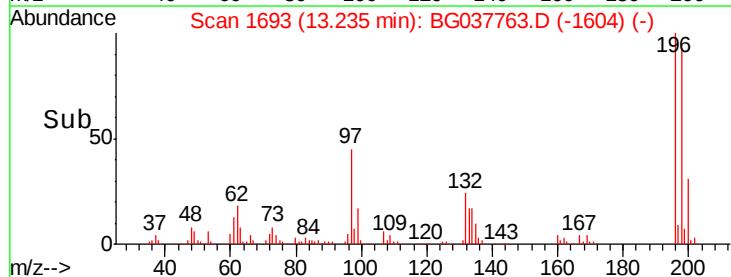
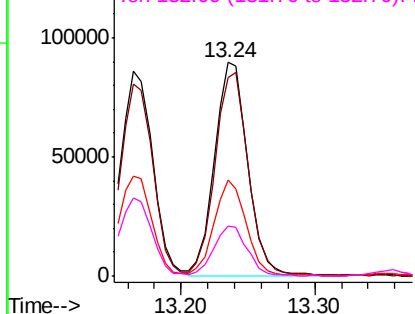


#44
 2,4,5-Trichlorophenol
 Concen: 43.184 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037763.D
 Acq: 2 Nov 2018 20:38

Tgt Ion:196 Resp: 156278
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.2 111.2
 97 45.0 34.1 51.1
 132 23.5 20.2 30.4



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

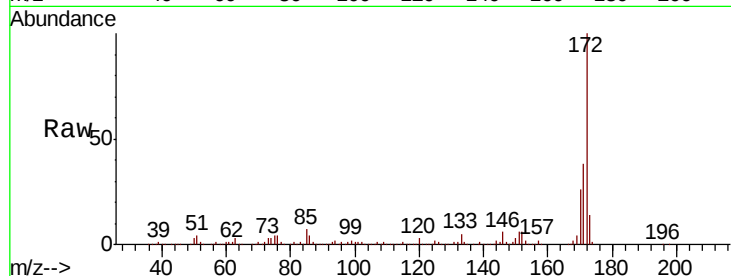




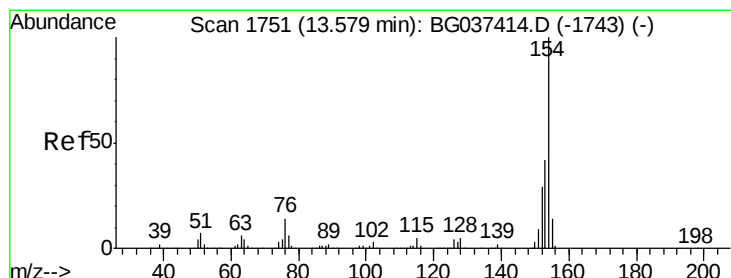
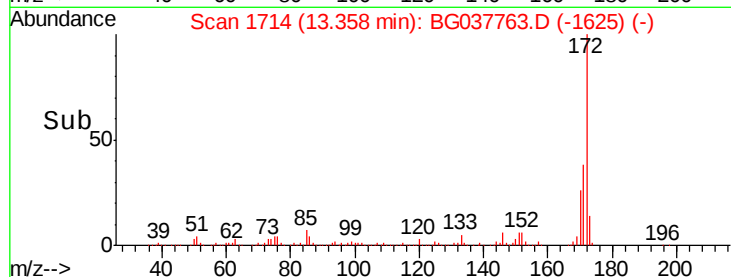
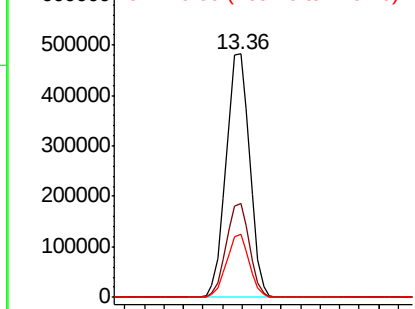
#45
2-Fluorobiphenyl
Concen: 79.251 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:172 Resp: 810627
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.4
170 26.1 20.2 30.2

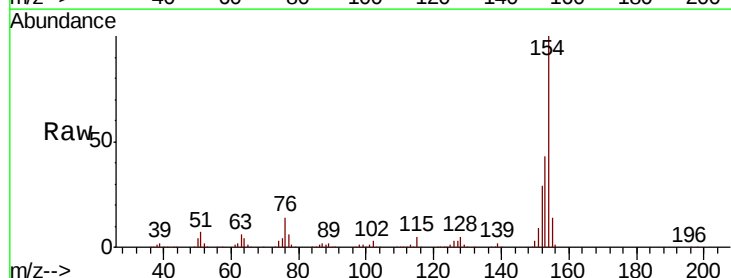


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

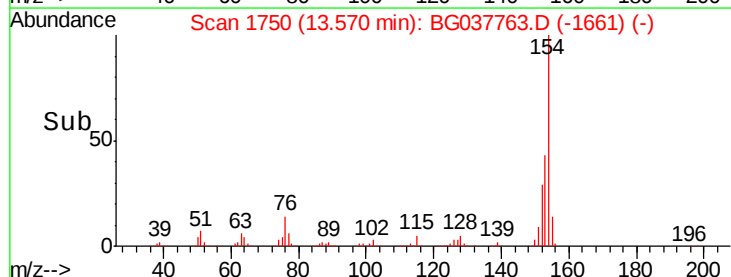
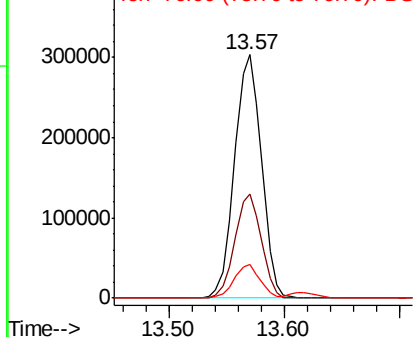


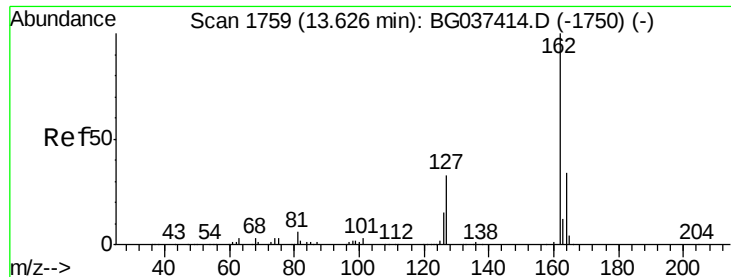
#46
1,1'-Biphenyl
Concen: 38.219 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:154 Resp: 488205
Ion Ratio Lower Upper
154 100
153 42.7 22.1 62.1
76 13.6 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 40.686 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

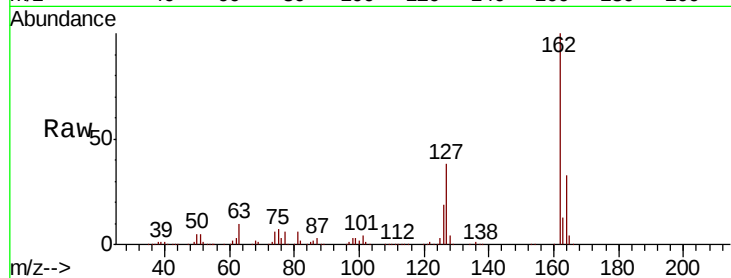
Tot Ion:162 Resp: 393193

Ion Ratio Lower Upper

162 100

127 37.7 30.5 45.7

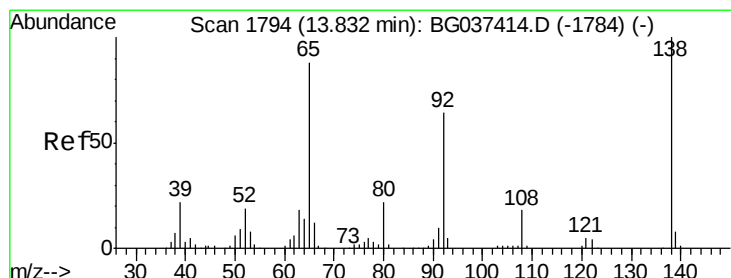
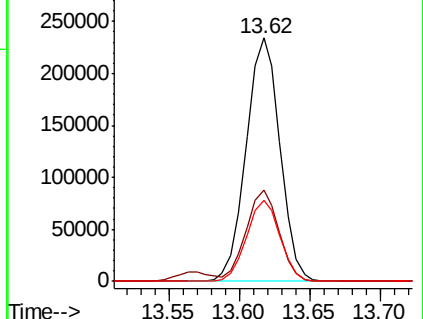
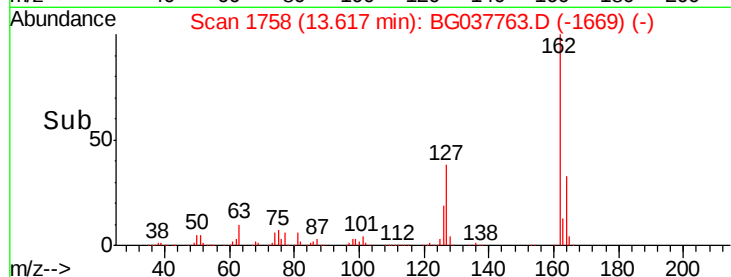
164 33.3 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.561 ng

RT: 13.82 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

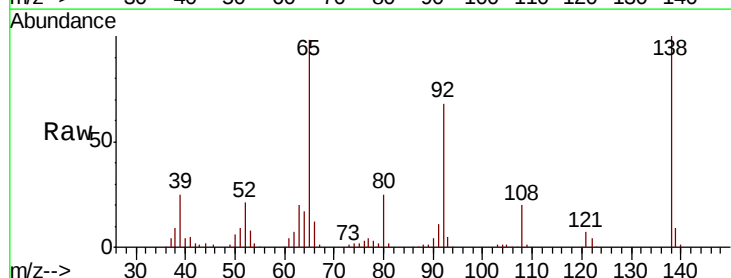
Tgt Ion: 65 Resp: 124729

Ion Ratio Lower Upper

65 100

92 70.2 53.2 79.8

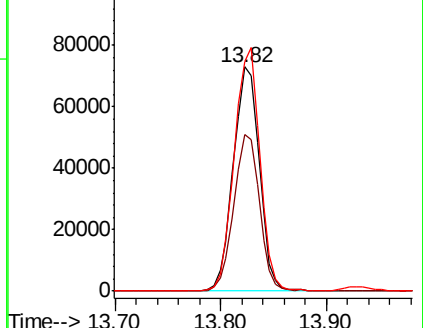
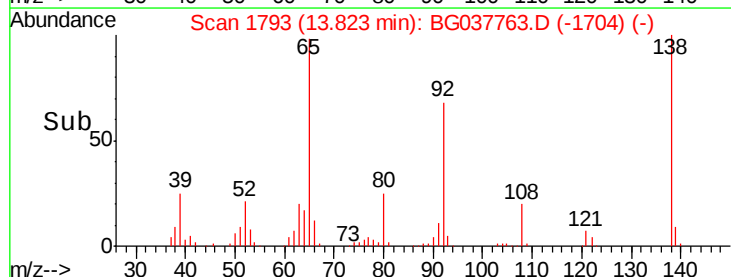
138 102.5 79.3 118.9

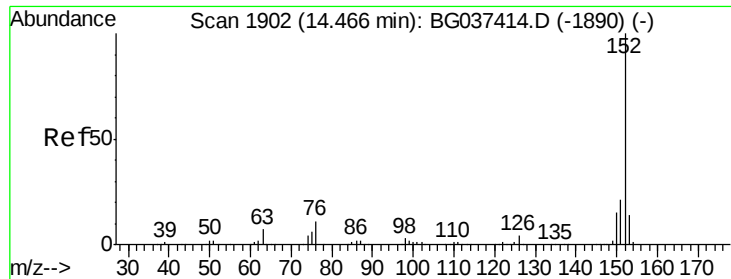


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.277 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

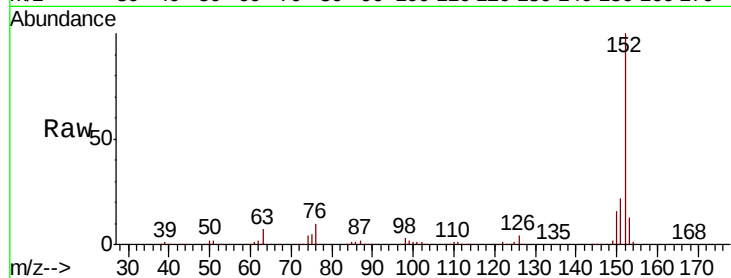
Tot Ion:152 Resp: 643662

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

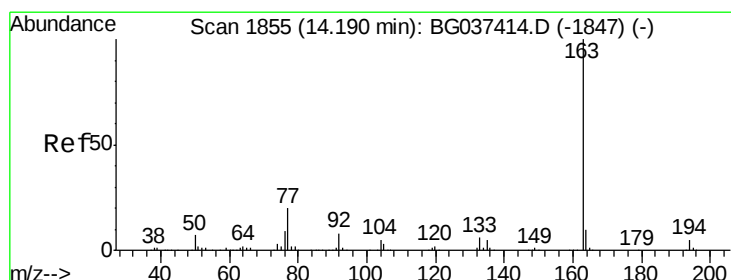
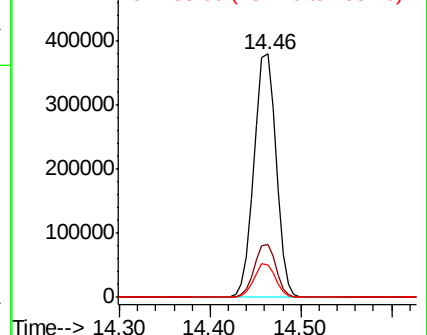
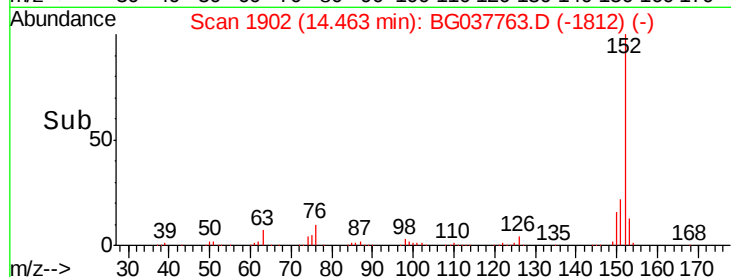
153 13.4 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.271 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

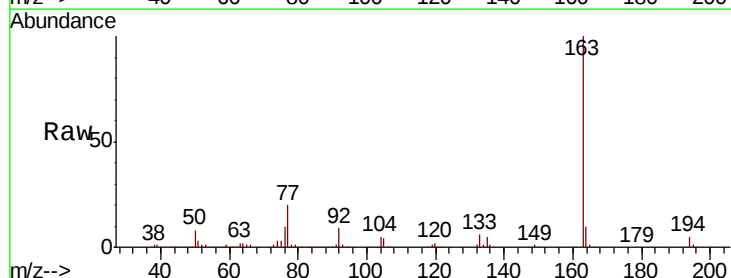
Tgt Ion:163 Resp: 492469

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

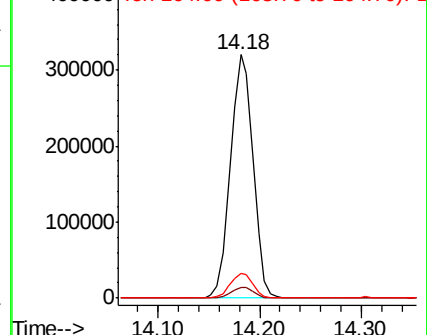
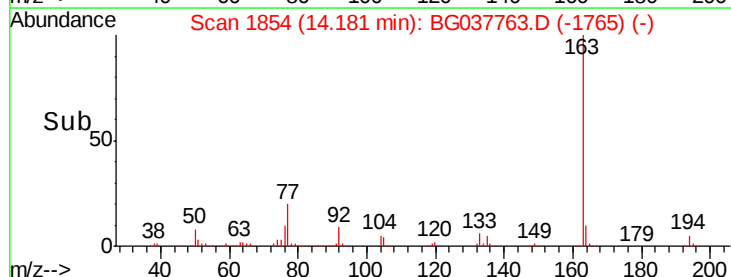
164 10.2 8.5 12.7

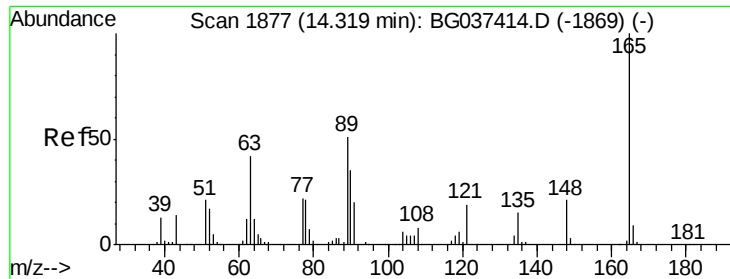


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.470 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

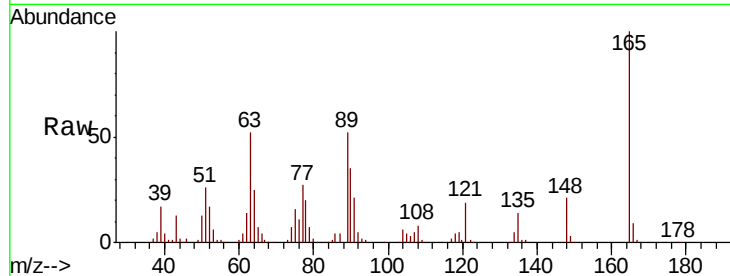
Tot Ion:165 Resp: 112108

Ion Ratio Lower Upper

165 100

63 52.5 43.4 65.2

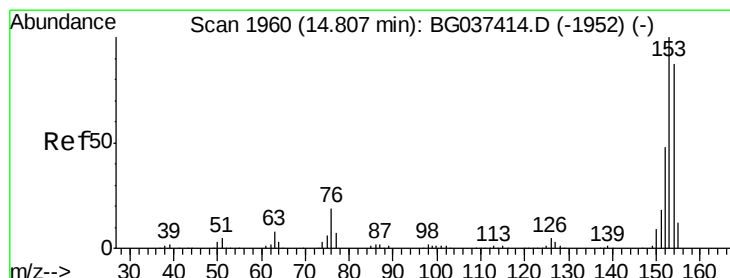
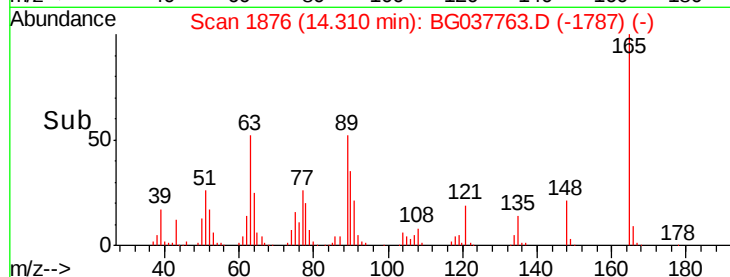
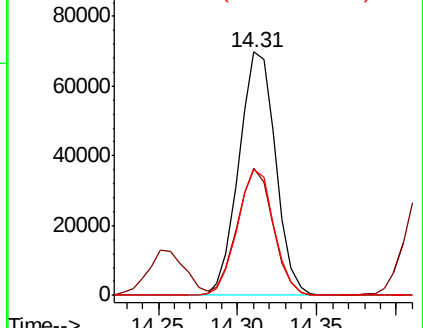
89 51.7 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.796 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

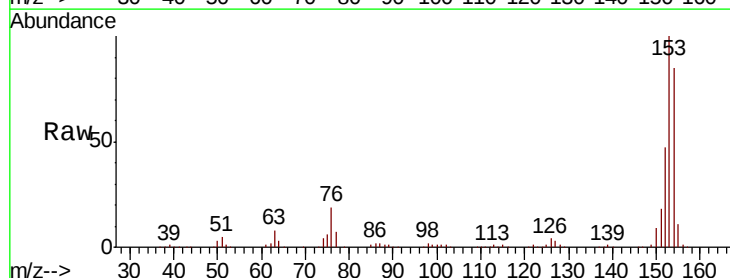
Tgt Ion:154 Resp: 374201

Ion Ratio Lower Upper

154 100

153 117.5 93.4 140.0

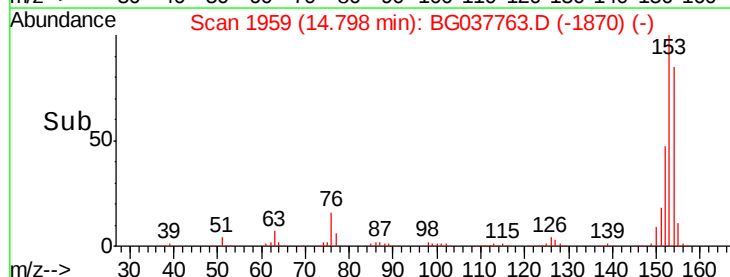
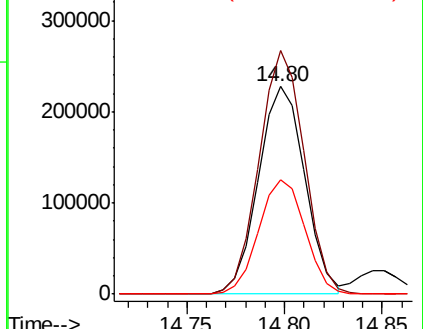
152 55.2 44.7 67.1

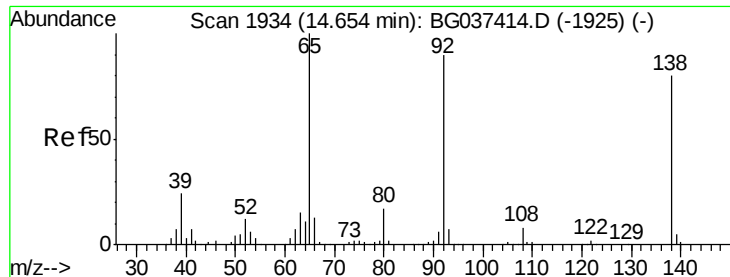


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.686 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

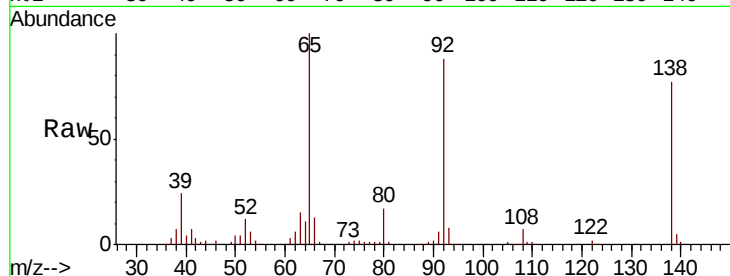
Tot Ion:138 Resp: 95785

Ion Ratio Lower Upper

138 100

108 9.1 11.0 16.6#

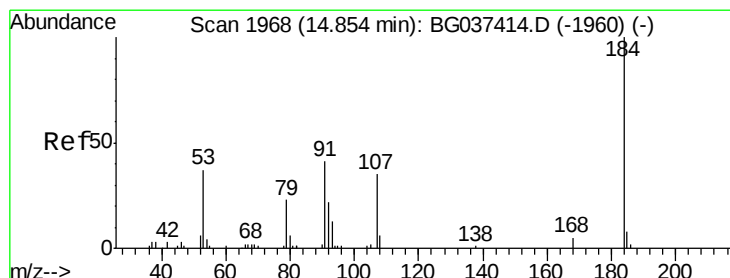
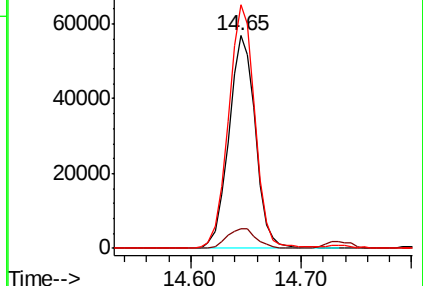
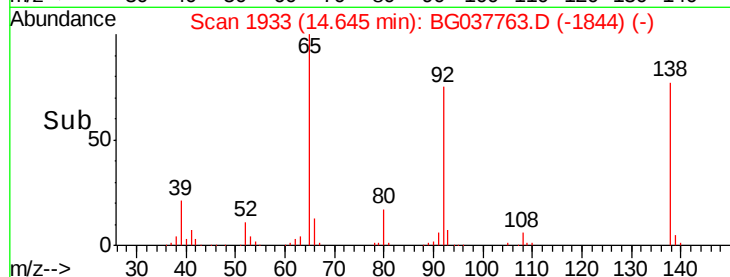
92 114.6 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 73.995 ng

RT: 14.84 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

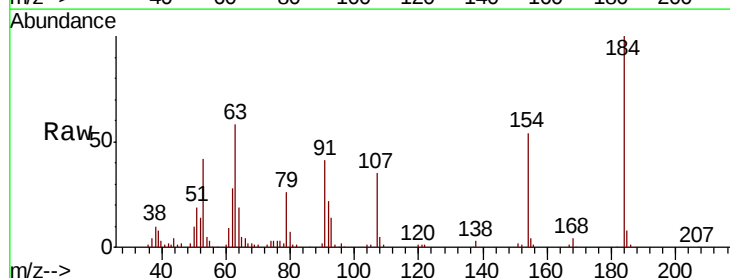
Tgt Ion:184 Resp: 82380

Ion Ratio Lower Upper

184 100

63 57.5 42.6 63.8

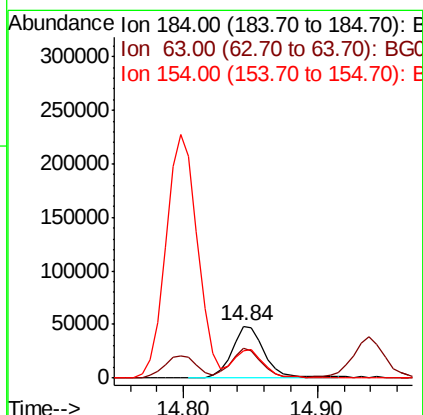
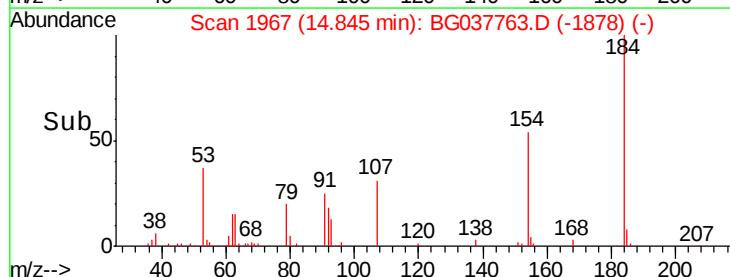
154 53.7 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

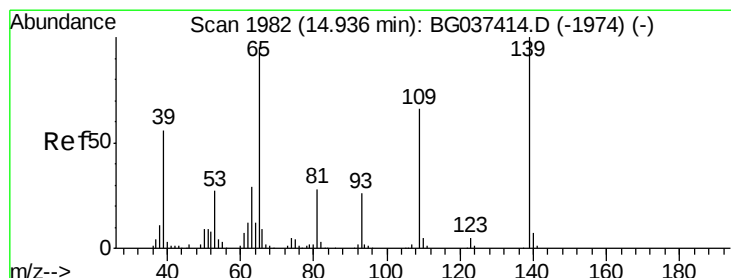
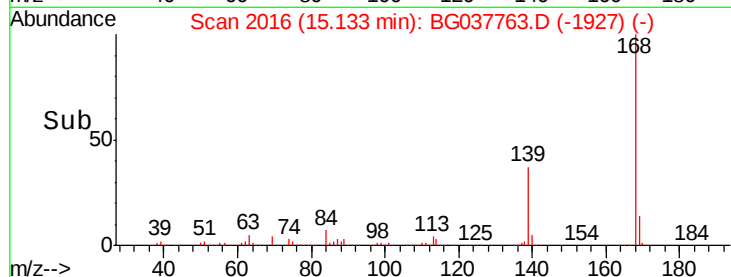
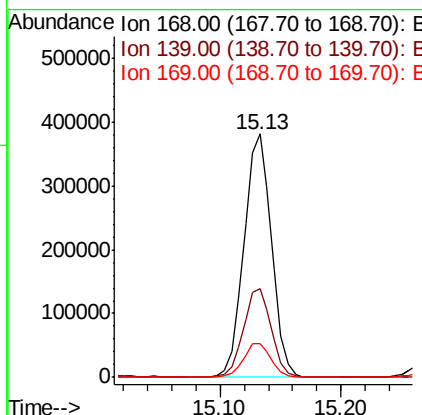
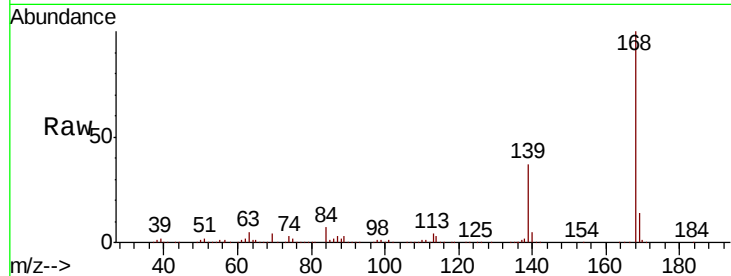




#55
Dibenzofuran
Concen: 40.749 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

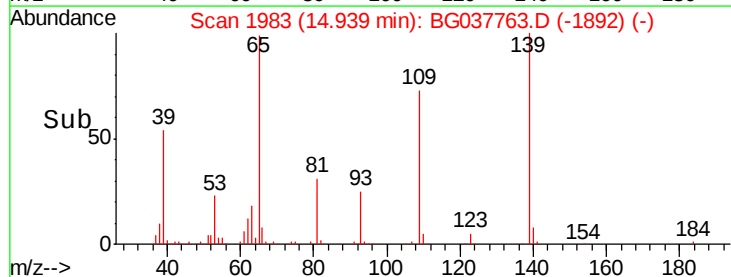
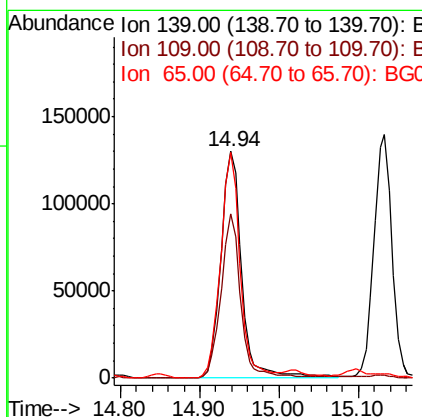
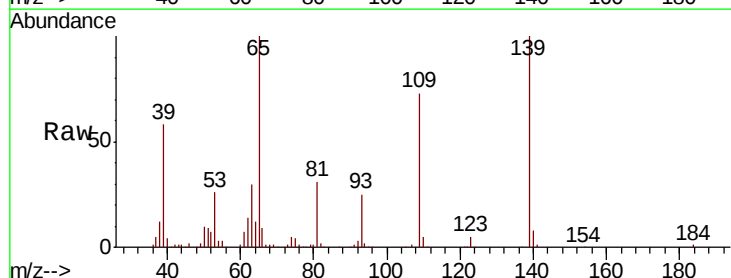
Instrument :
BNA_G
ClientSampleId :
PB114420BS

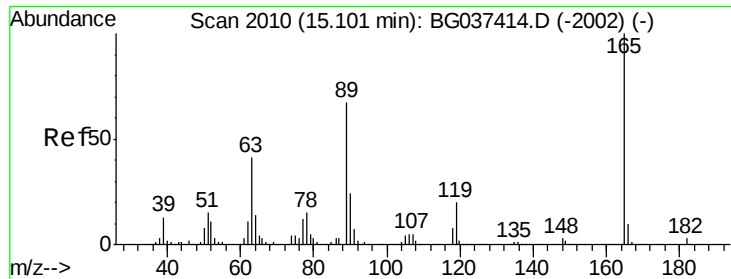
Tot Ion:168 Resp: 604450
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 109.425 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:139 Resp: 237353
Ion Ratio Lower Upper
139 100
109 72.8 49.5 89.5
65 99.5 76.8 116.8

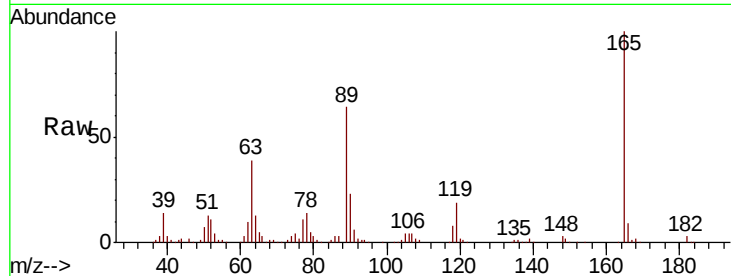




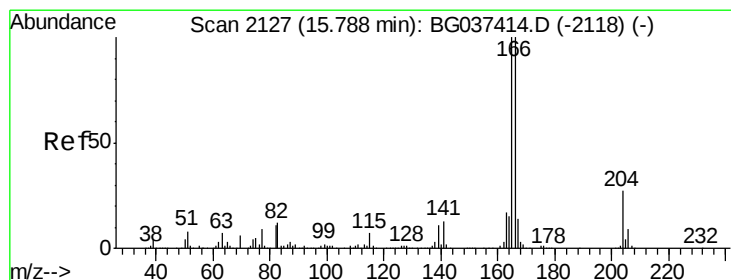
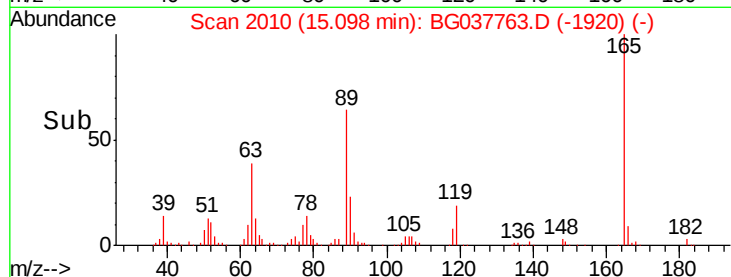
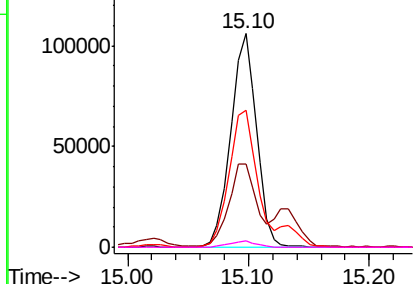
#57
2,4-Dinitrotoluene
Concen: 45.478 ng
RT: 15.10 min Scan# 210
Delta R.T. -0.00 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:	165	Resp:	157582
Ion	Ratio	Lower	Upper
165	100		
63	39.0	33.4	50.0
89	64.0	57.2	85.8
182	2.8	2.6	4.0

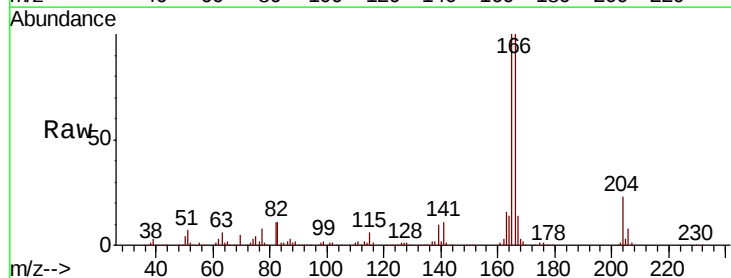


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

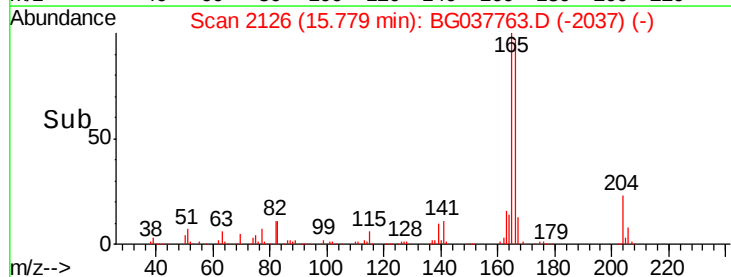
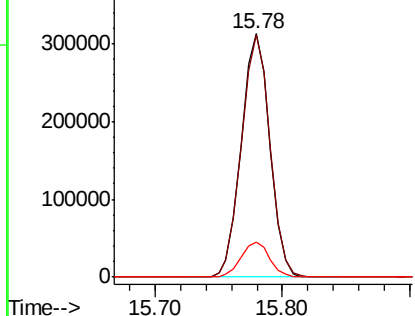


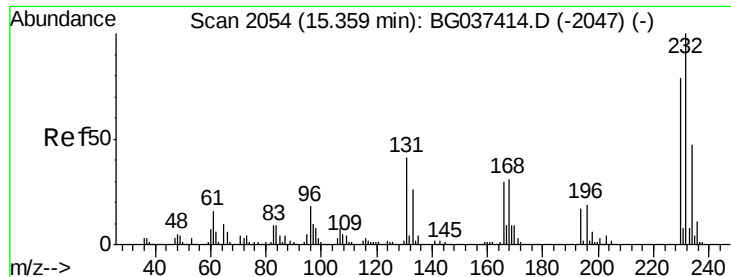
#58
Fluorene
Concen: 43.824 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:	166	Resp:	486805
Ion	Ratio	Lower	Upper
166	100		
165	99.6	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

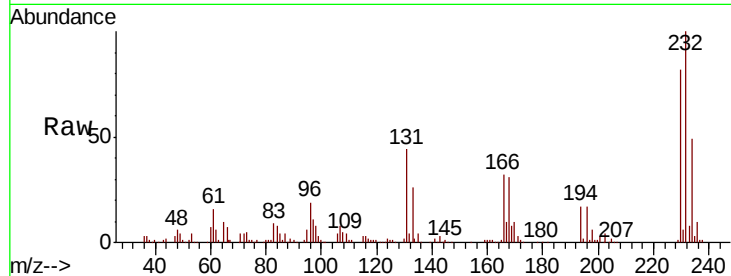




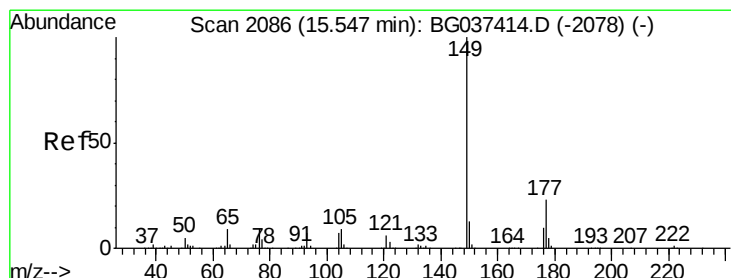
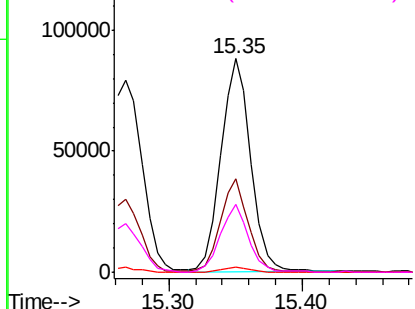
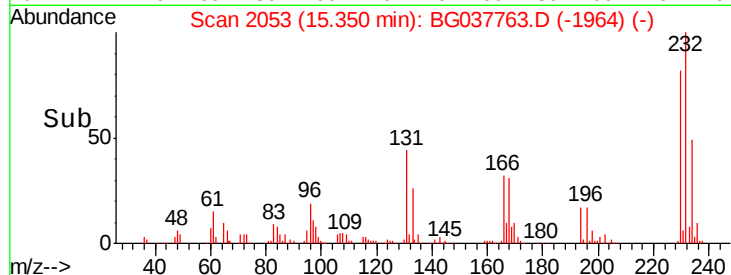
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.248 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:232 Resp: 137102
Ion Ratio Lower Upper
232 100
131 41.8 33.7 50.5
130 2.2 2.1 3.1
166 30.0 24.6 36.8

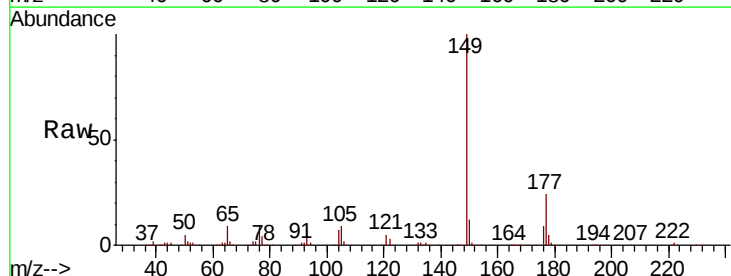


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

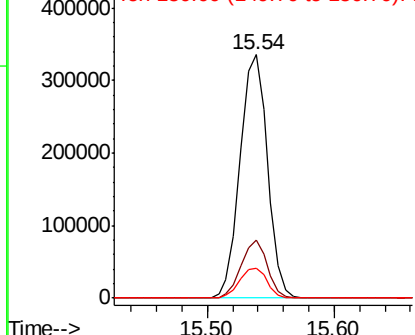
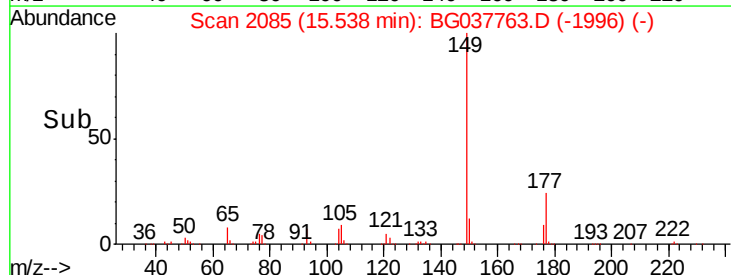


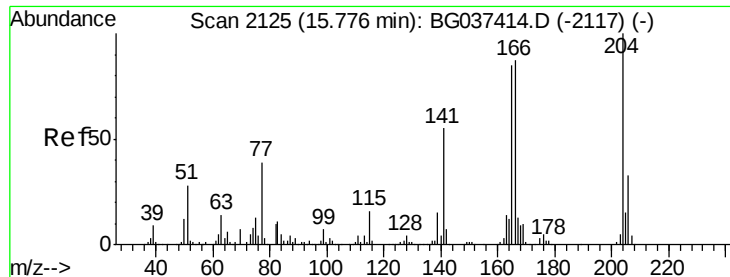
#60
Diethylphthalate
Concen: 40.910 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:149 Resp: 501170
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.1 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

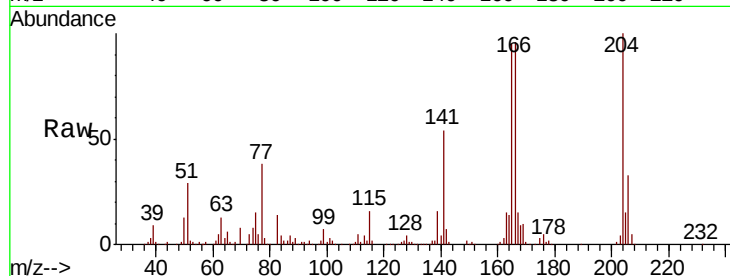




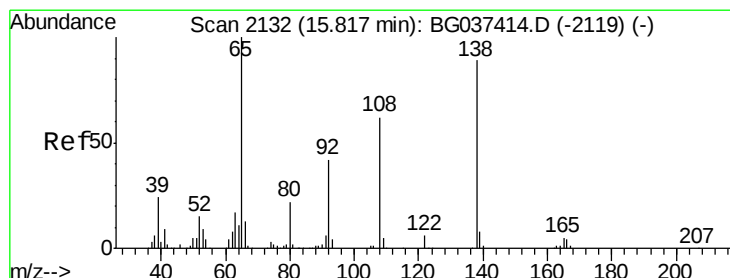
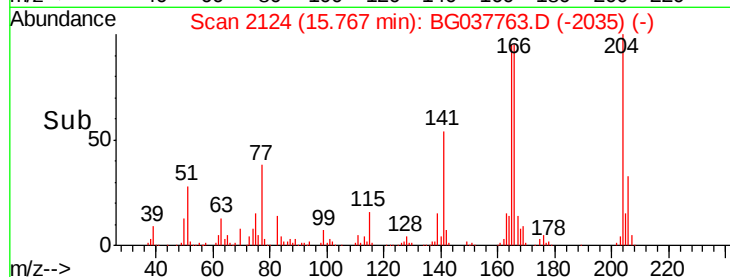
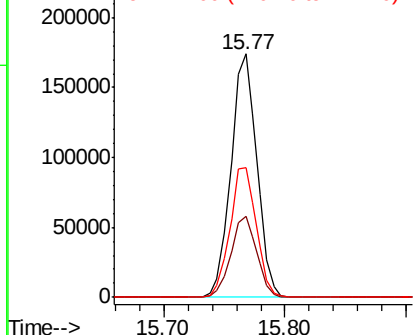
#61
4-Chlorophenyl-phenylether
Concen: 40.000 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB114420BS

Tot Ion:204 Resp: 258985
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 53.5 45.4 68.2

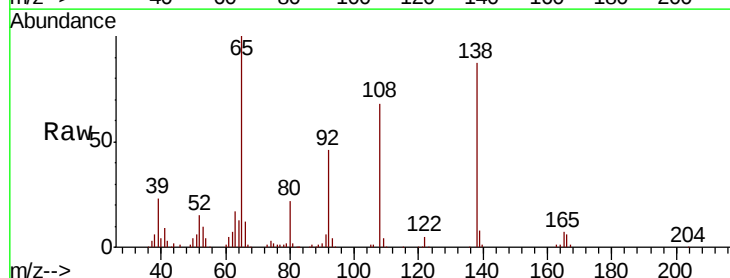


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

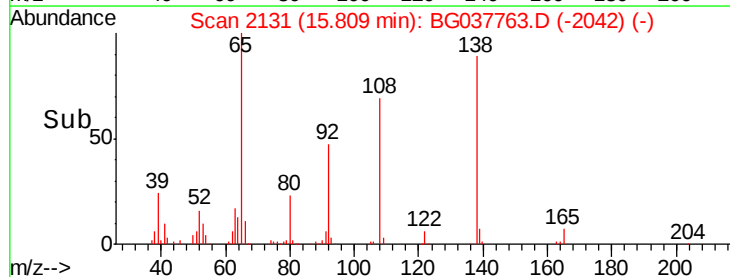
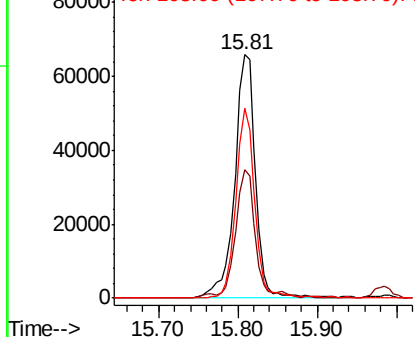


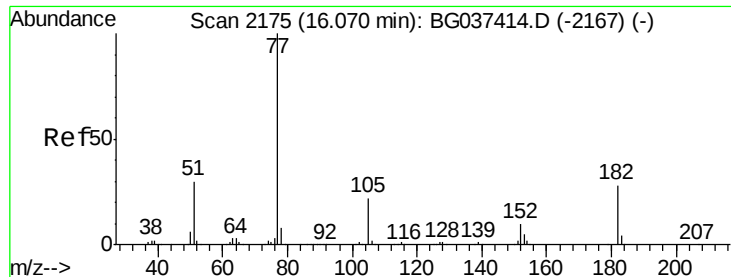
#62
4-Nitroaniline
Concen: 41.138 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:138 Resp: 119789
Ion Ratio Lower Upper
138 100
92 52.8 36.4 76.4
108 78.1 60.1 100.1



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





#63

Azobenzene

Concen: 40.497 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

Tot Ion: 77 Resp: 473342

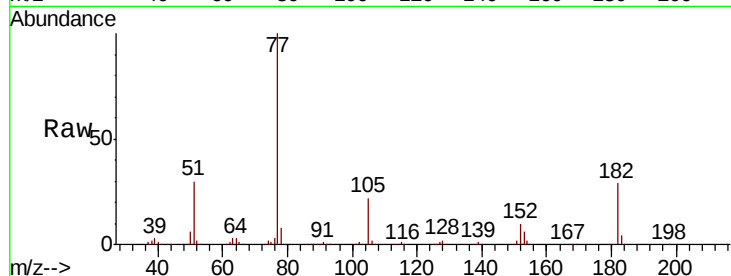
Ion Ratio Lower Upper

77 100

182 29.3 8.0 48.0

105 21.9 1.3 41.3

51 29.8 10.7 50.7

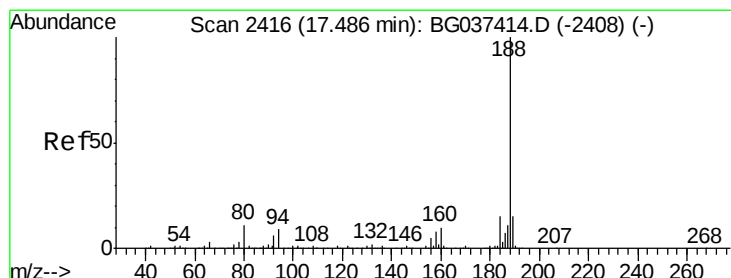
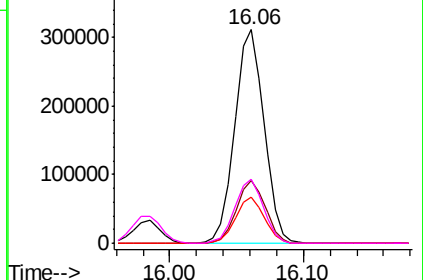
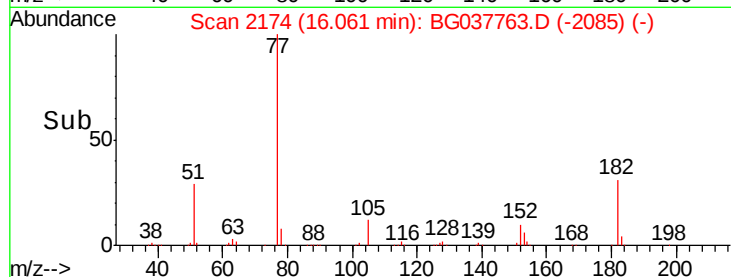


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

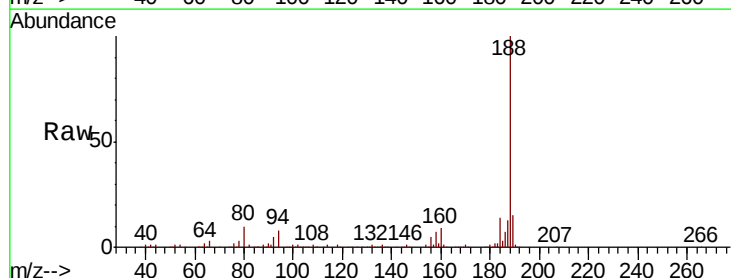
Tgt Ion: 188 Resp: 349816

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

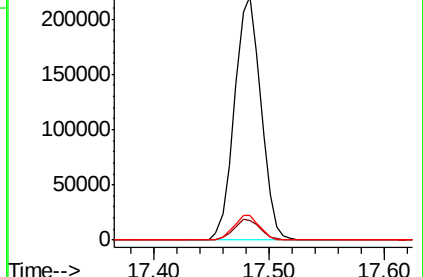
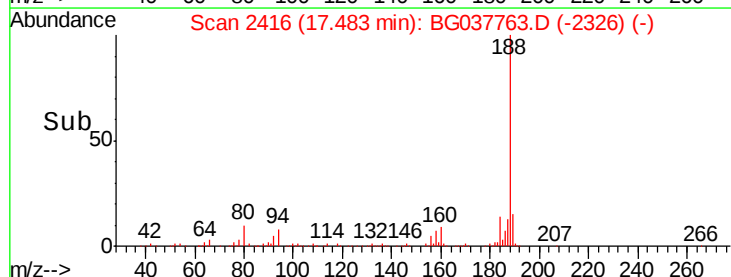
80 10.2 7.7 11.5

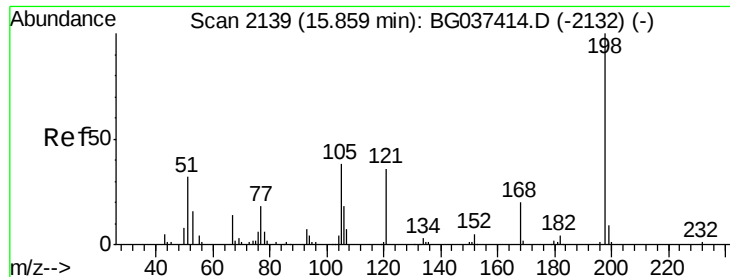


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.119 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

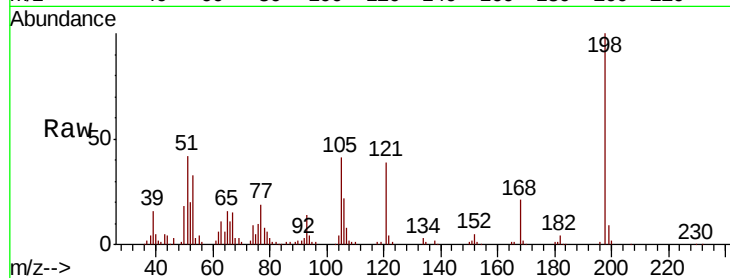
Tot Ion:198 Resp: 77223

Ion	Ratio	Lower	Upper
198	100		
51	41.8	22.7	62.7
105	40.5	19.7	59.7

198 100

51 41.8 22.7 62.7

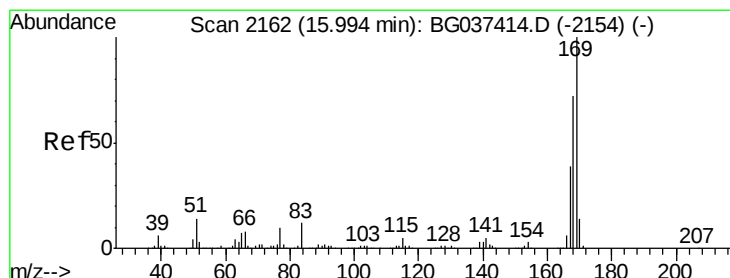
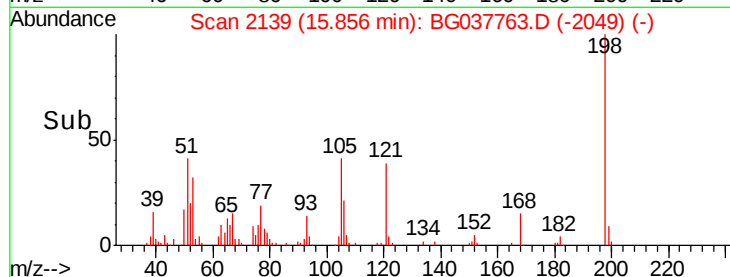
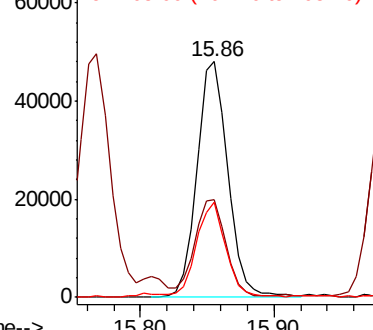
105 40.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.875 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

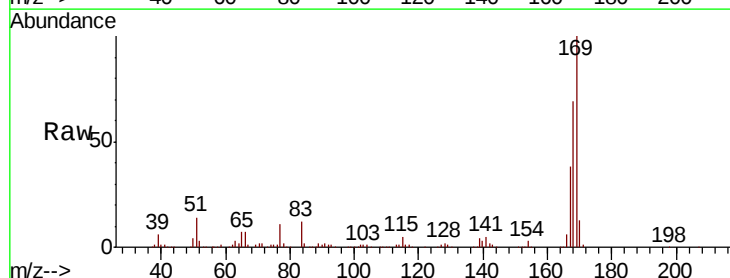
Tgt Ion:169 Resp: 440635

Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.7	83.5
167	38.4	31.3	46.9

169 100

168 69.5 55.7 83.5

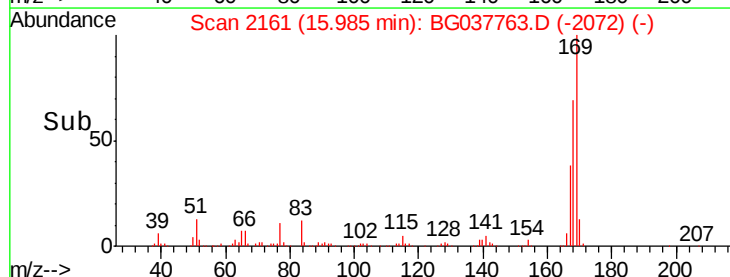
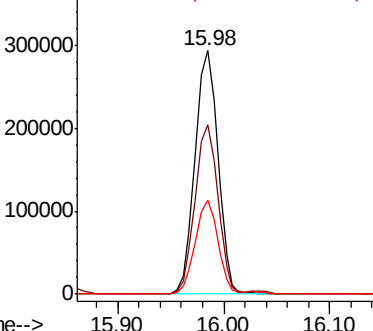
167 38.4 31.3 46.9

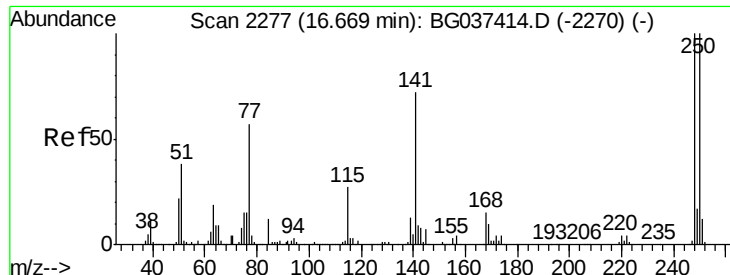


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

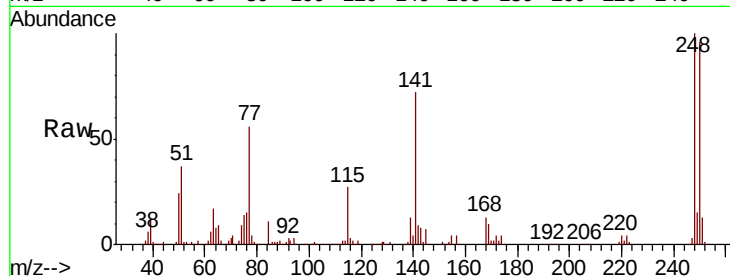




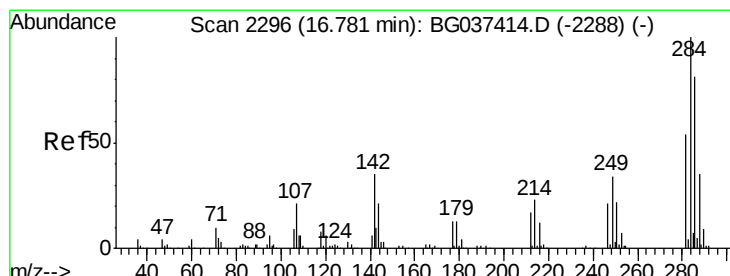
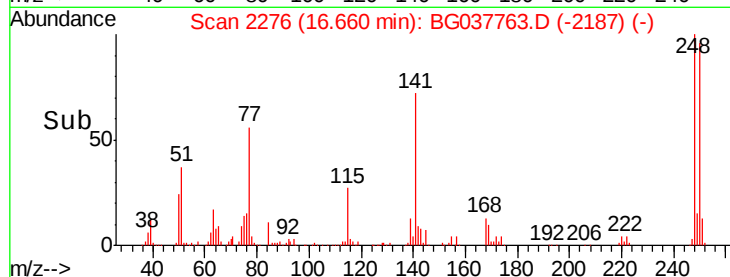
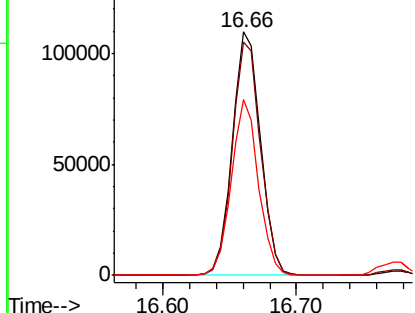
#67
 4-Bromophenyl-phenylether
 Concen: 41.929 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037763.D
 Acq: 2 Nov 2018 20:38

Instrument :
 BNA_G
 ClientSampleID :
 PB114420BS

Tot Ion:248 Resp: 161074
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.0 115.6
 141 72.4 55.5 83.3

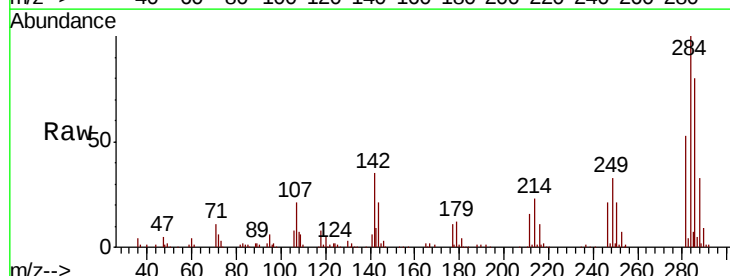


Abundance Ion 248.00 (247.70 to 248.70): E
 150000
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

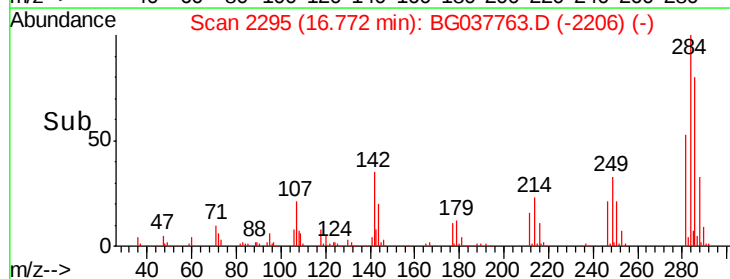
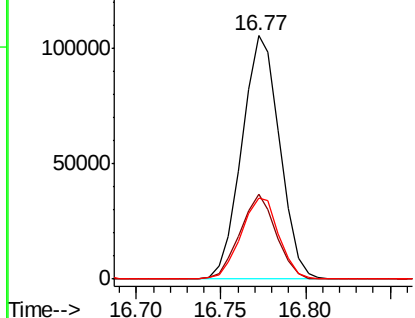


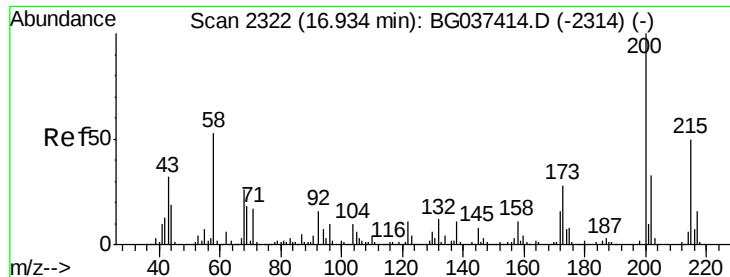
#68
 Hexachlorobenzene
 Concen: 41.111 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037763.D
 Acq: 2 Nov 2018 20:38

Tgt Ion:284 Resp: 163682
 Ion Ratio Lower Upper
 284 100
 142 35.1 28.1 42.1
 249 35.6 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 100000
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.231 ng

RT: 16.92 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

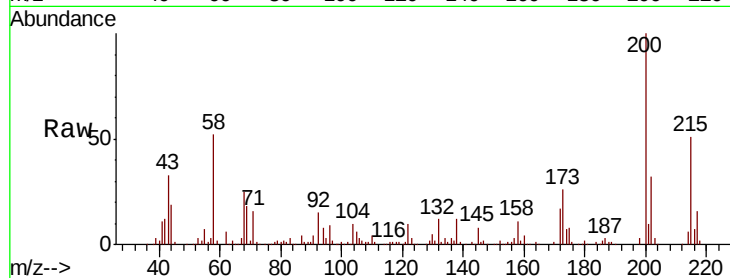
Tot Ion:200 Resp: 164471

Ion Ratio Lower Upper

200 100

173 26.3 6.1 46.1

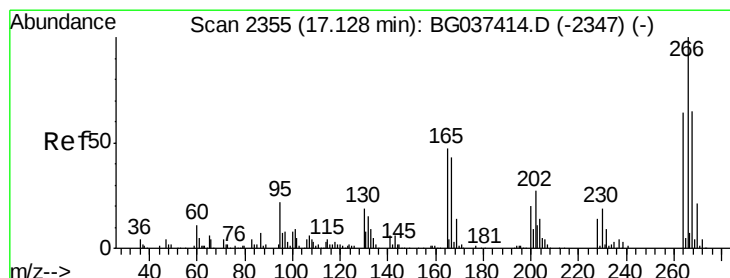
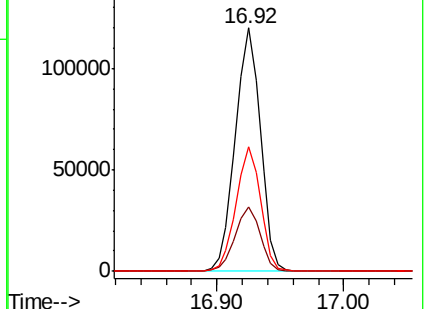
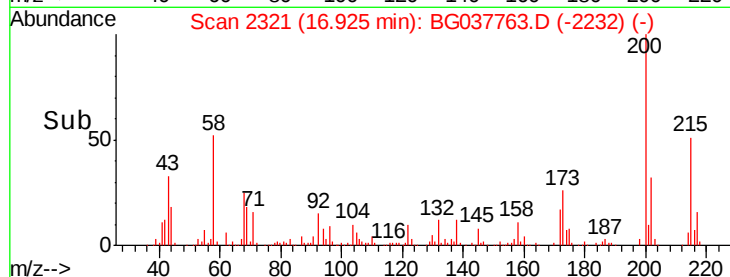
215 51.4 30.8 70.8



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: 68.799 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

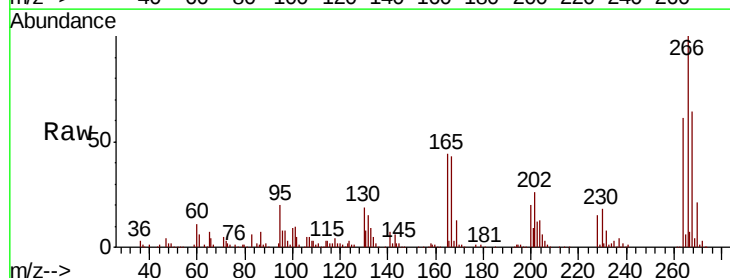
Tgt Ion:266 Resp: 183479

Ion Ratio Lower Upper

266 100

268 68.0 55.0 82.6

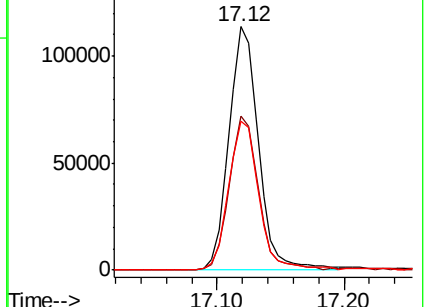
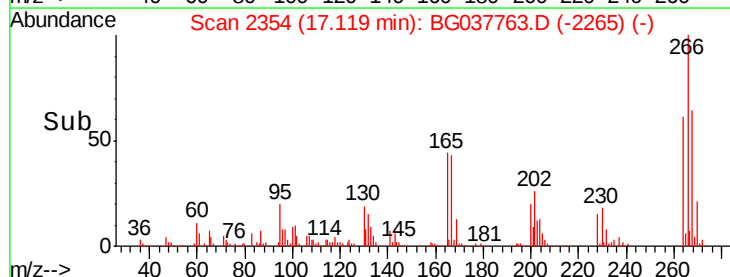
264 66.9 58.9 88.3

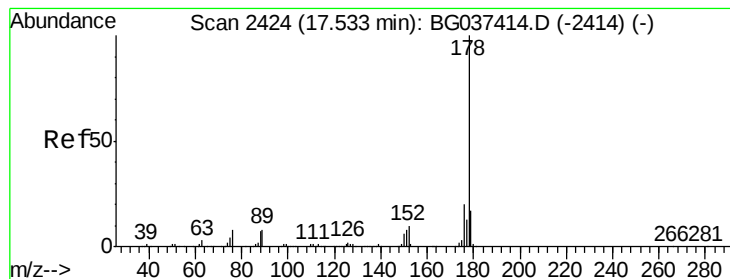


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.445 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

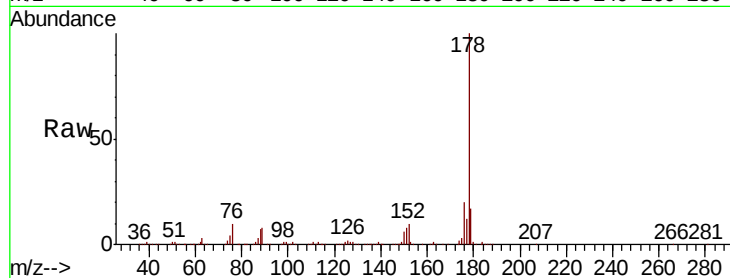
Tot Ion:178 Resp: 772393

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

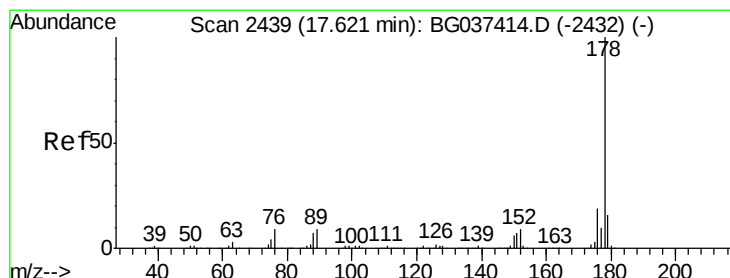
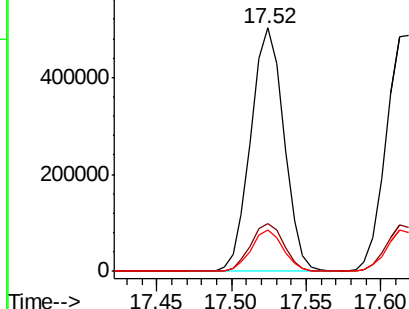
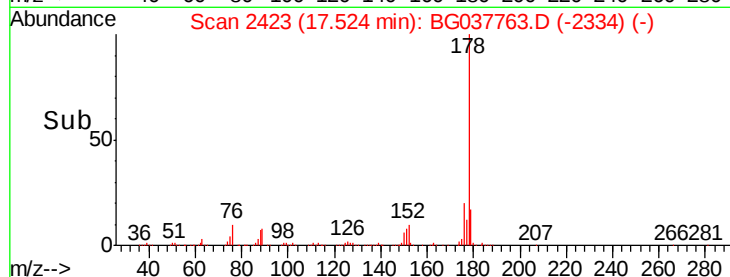
179 16.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.360 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

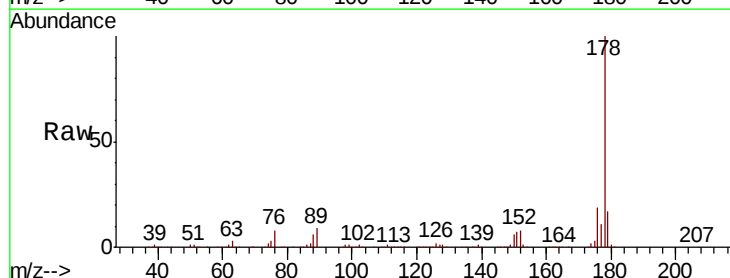
Tgt Ion:178 Resp: 791413

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

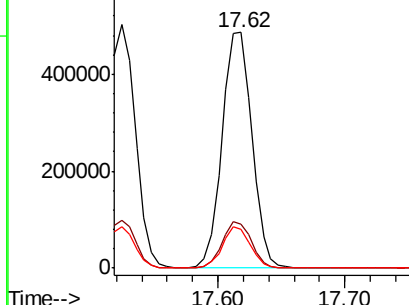
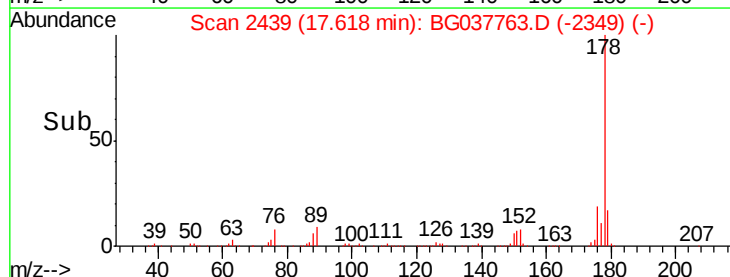
179 16.5 12.8 19.2

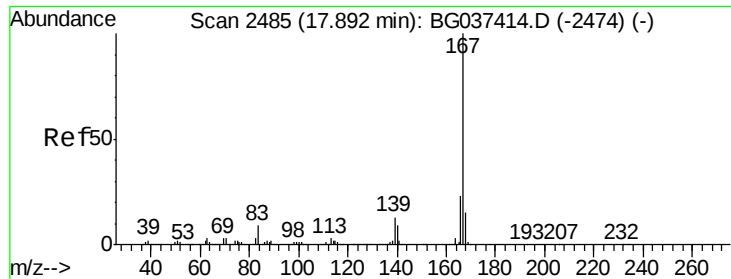


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.654 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

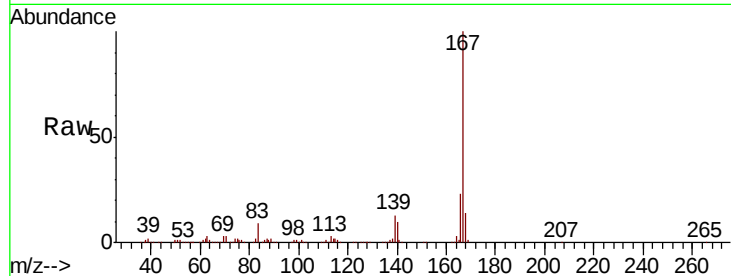
Tot Ion:167 Resp: 709518

Ion Ratio Lower Upper

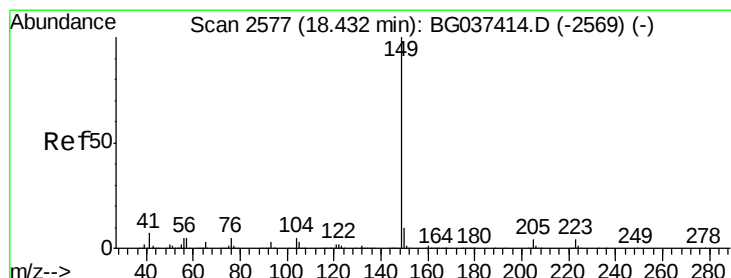
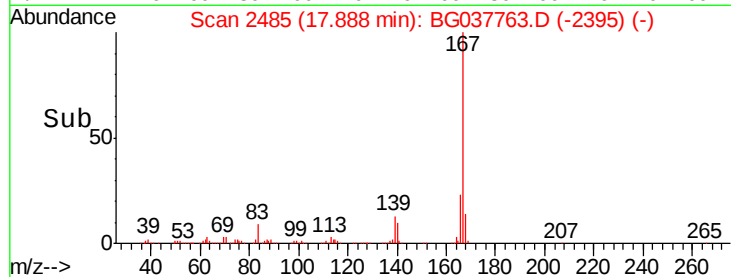
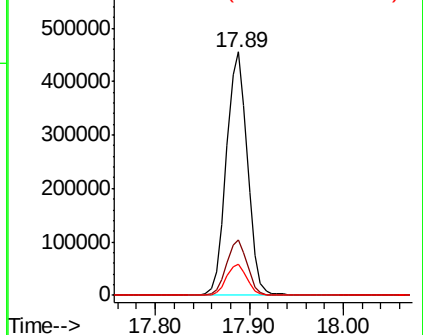
167 100

166 22.9 18.3 27.5

139 12.8 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 43.152 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

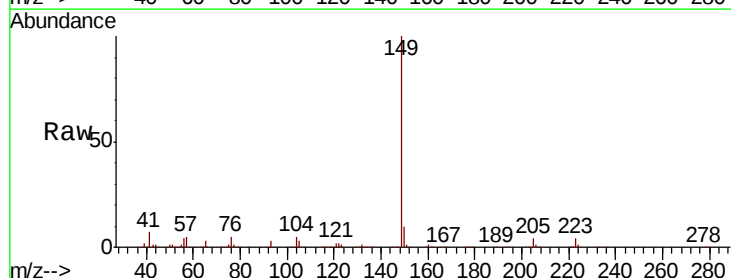
Tgt Ion:149 Resp: 837781

Ion Ratio Lower Upper

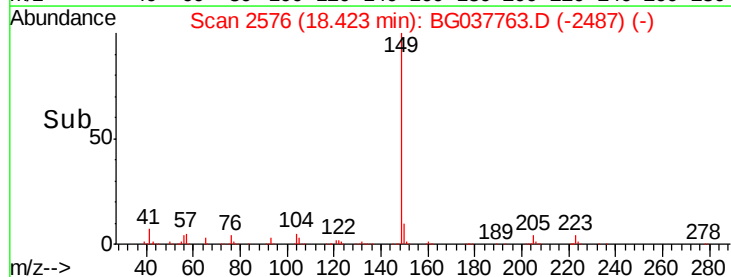
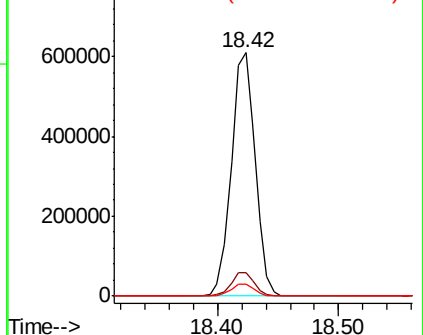
149 100

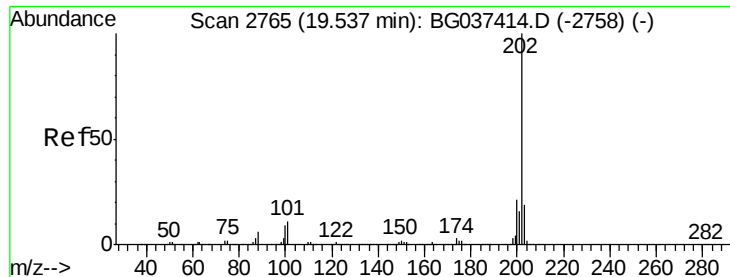
150 9.8 8.2 12.2

104 4.9 4.0 6.0



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





#75

Fluoranthene

Concen: 44.662 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

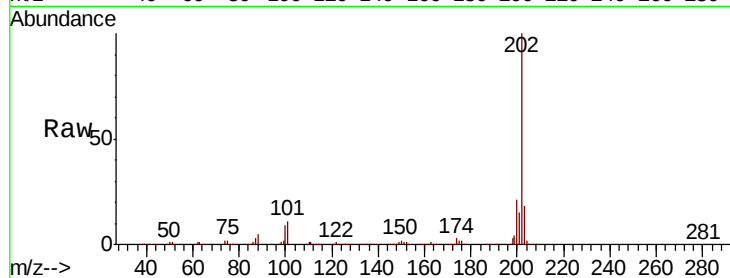
Tot Ion:202 Resp: 900583

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.7

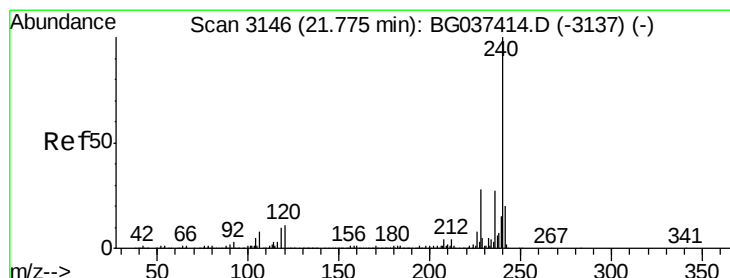
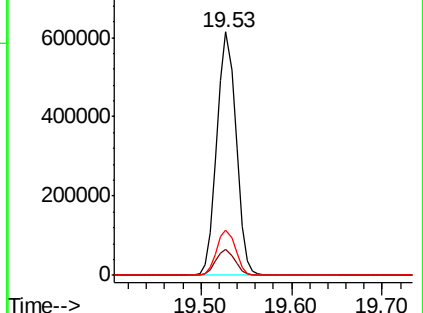
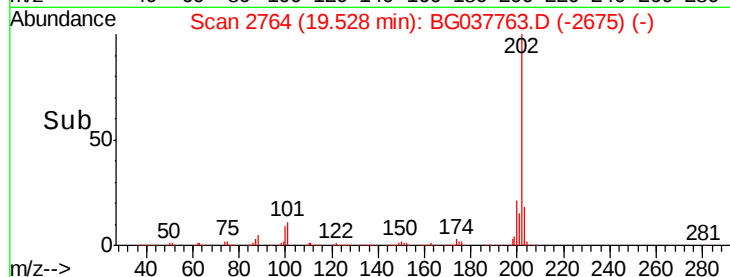
203 18.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

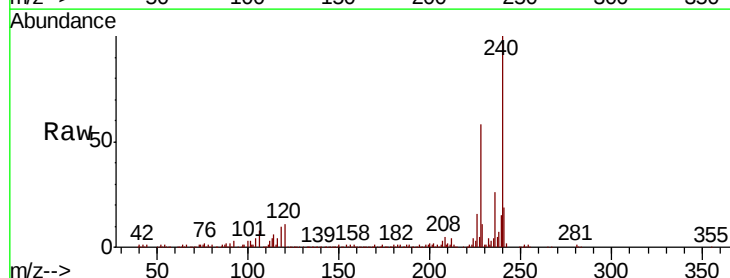
Tgt Ion:240 Resp: 319030

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

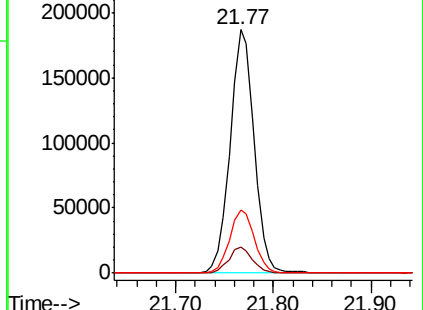
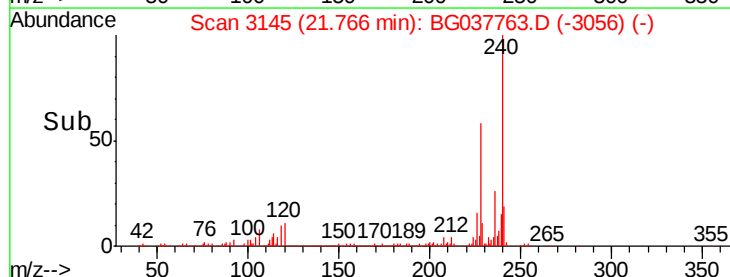
236 26.2 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.422 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

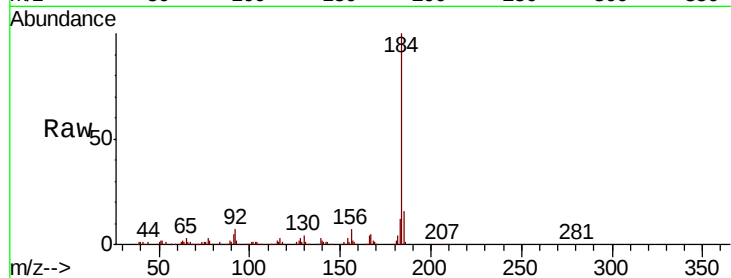
Tot Ion:184 Resp: 427645

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

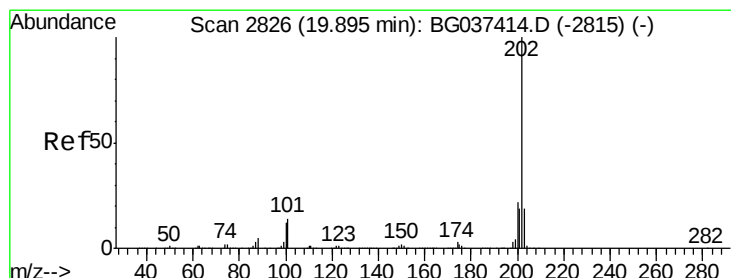
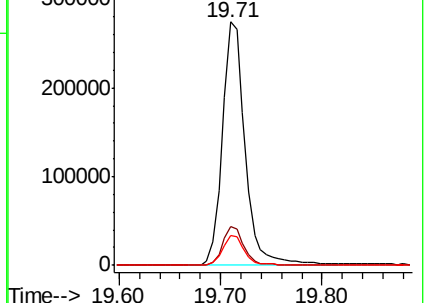
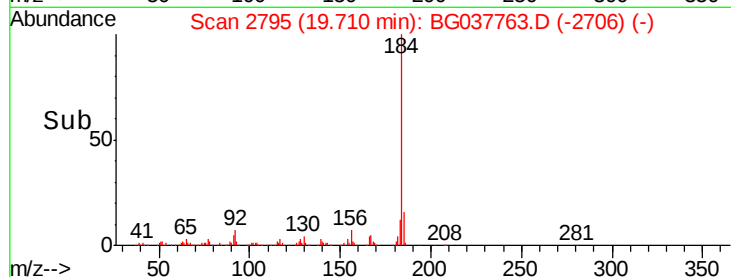
183 12.4 10.2 15.2



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: 42.643 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

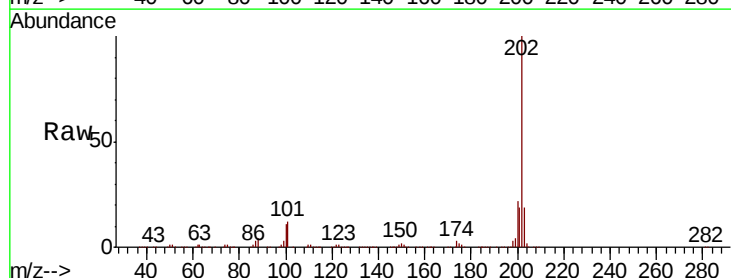
Tgt Ion:202 Resp: 889341

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.6

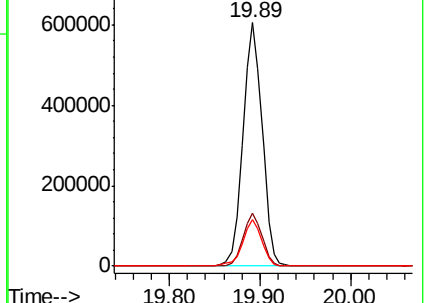
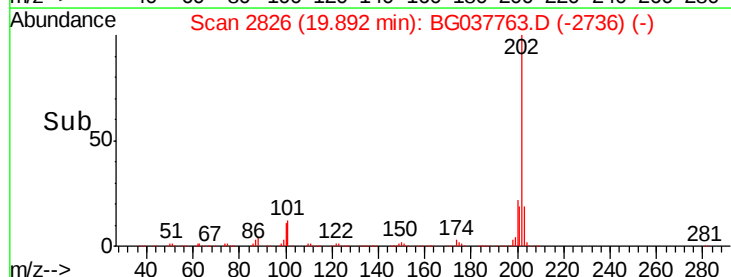
203 19.0 15.2 22.8



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: 78.570 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

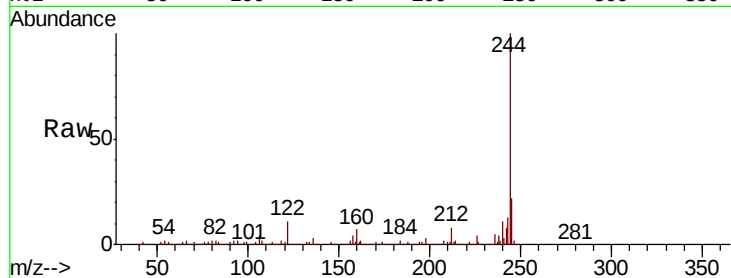
Tot Ion:244 Resp: 1173087

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

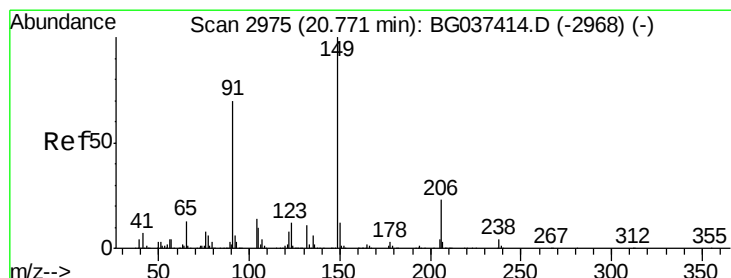
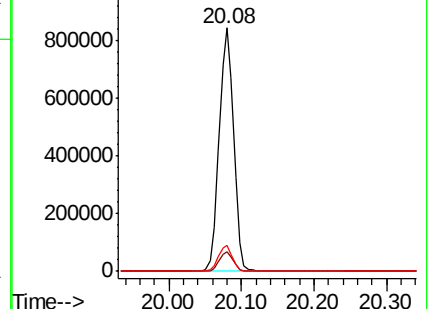
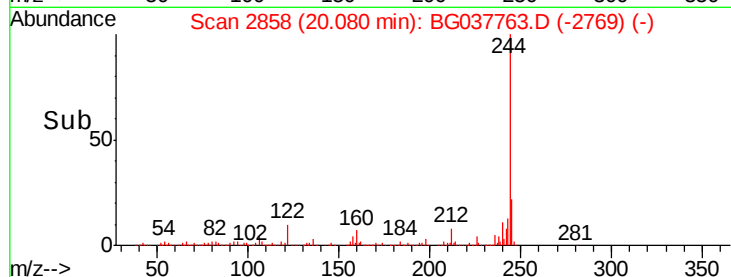
122 10.5 9.0 13.4



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: 44.258 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

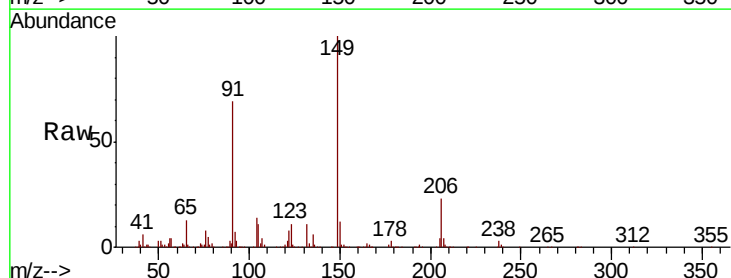
Tgt Ion:149 Resp: 377753

Ion Ratio Lower Upper

149 100

91 69.0 57.0 85.4

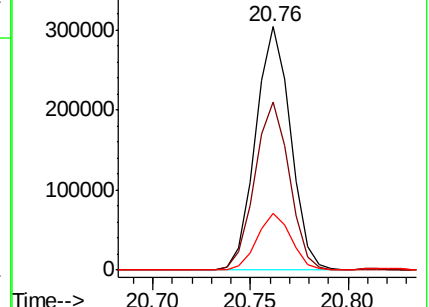
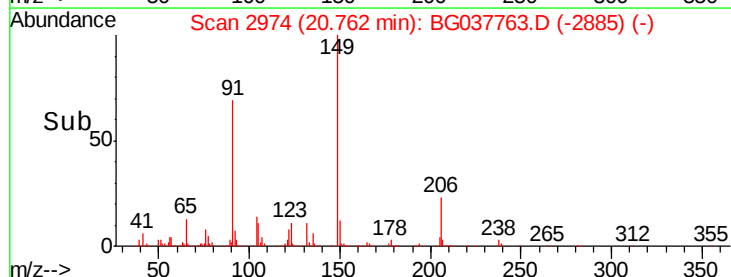
206 23.2 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

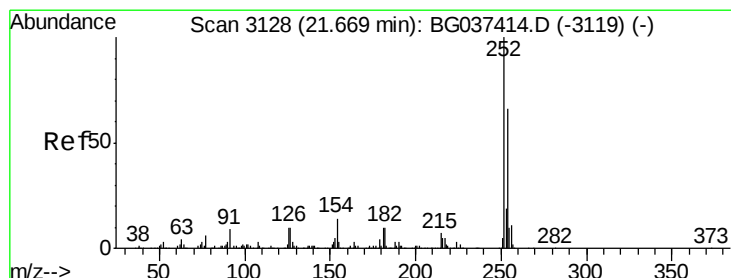
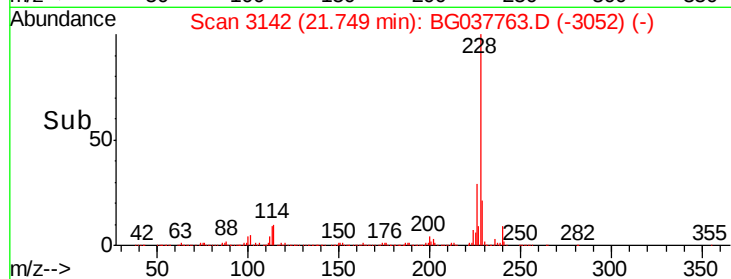
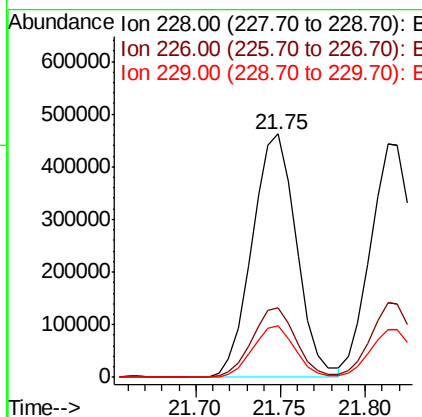
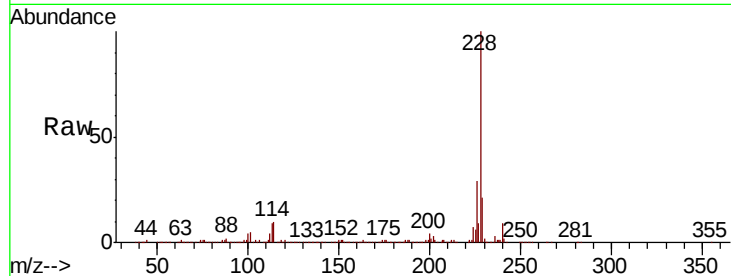




#81
Benzo(a)anthracene
Concen: 44.698 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

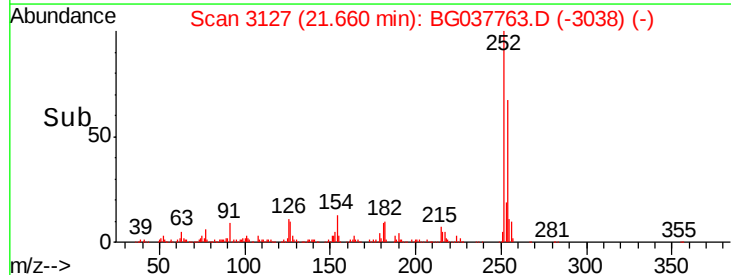
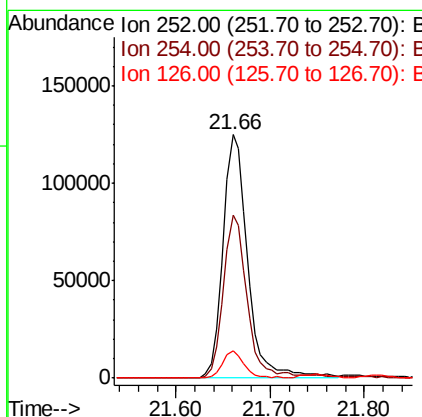
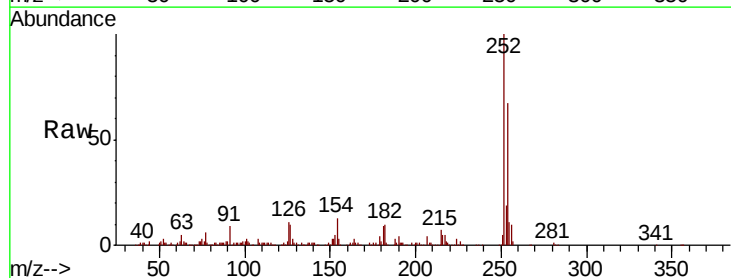
Instrument :
BNA_G
ClientSampleId :
PB114420BS

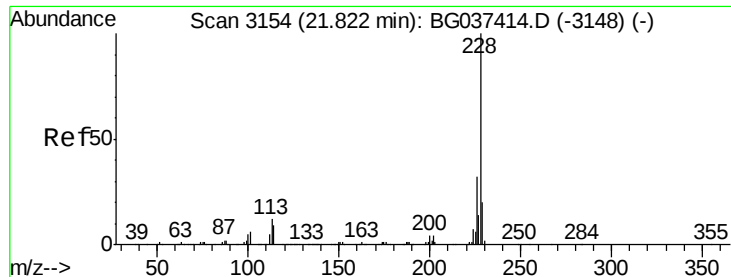
Tot Ion:228 Resp: 843474
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 21.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 31.285 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:252 Resp: 228825
Ion Ratio Lower Upper
252 100
254 67.0 52.0 78.0
126 11.5 8.2 12.4





#83

Chrysene

Concen: 43.635 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

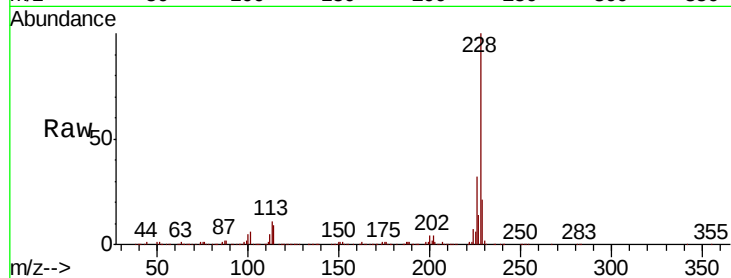
BNA_G

ClientSampleId :

PB114420BS

Tot Ion:228 Resp: 791766

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.7	38.5
229	20.8	16.5	24.7

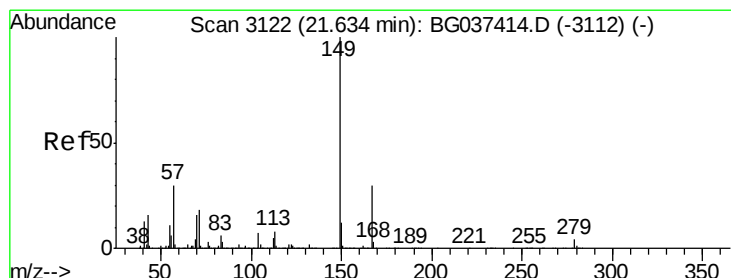
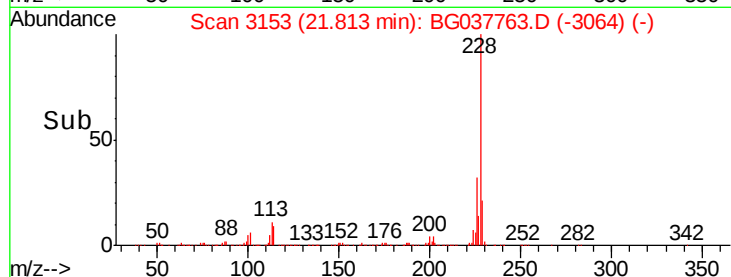
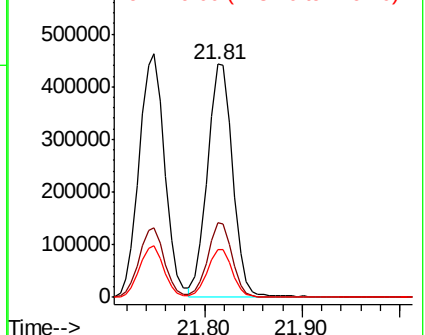


Abundance

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: 44.622 ng

RT: 21.62 min Scan# 3120

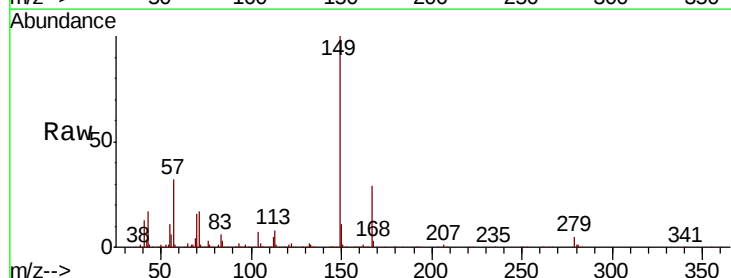
Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Tgt Ion:149 Resp: 533858

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.0	34.4
279	4.6	3.6	5.4

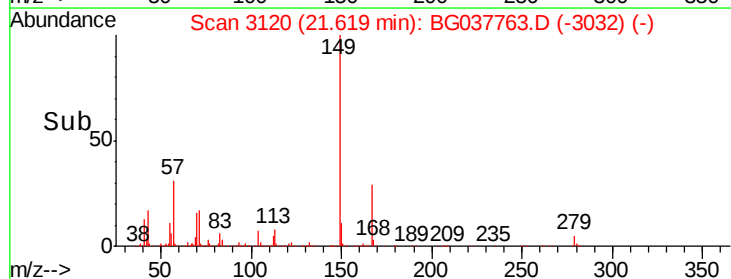
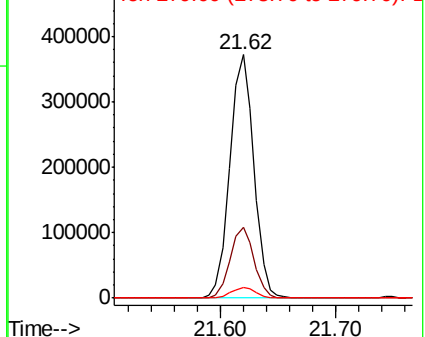


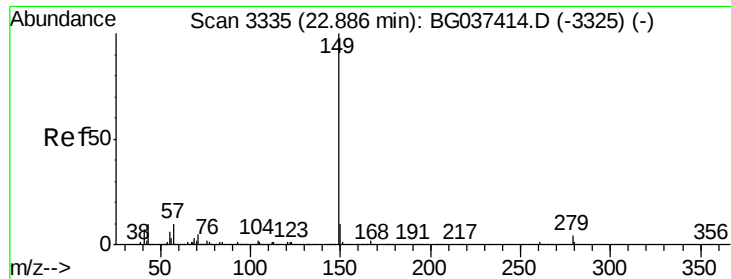
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.255 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

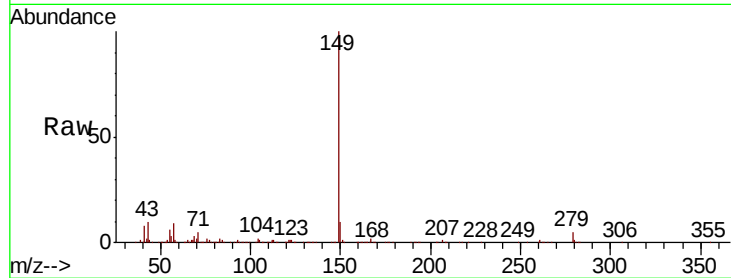
Tot Ion:149 Resp: 902416

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

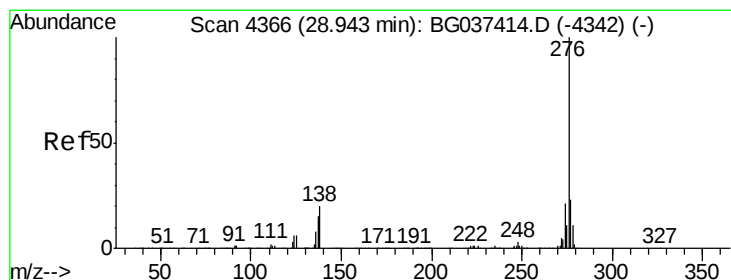
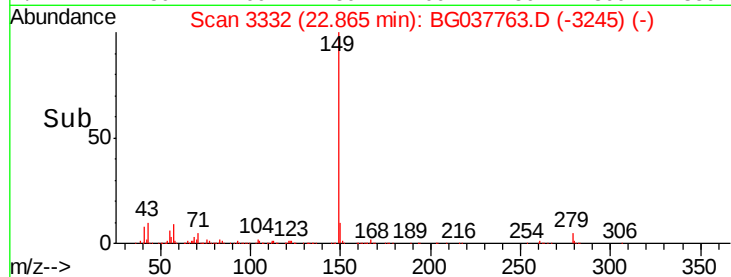
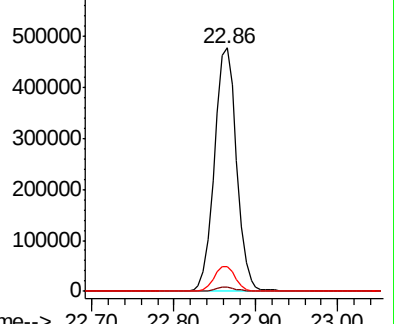
43 9.9 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.934 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

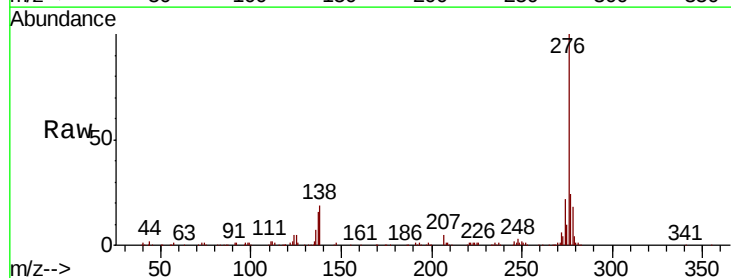
Tgt Ion:276 Resp: 757726

Ion Ratio Lower Upper

276 100

138 15.2 12.0 18.0

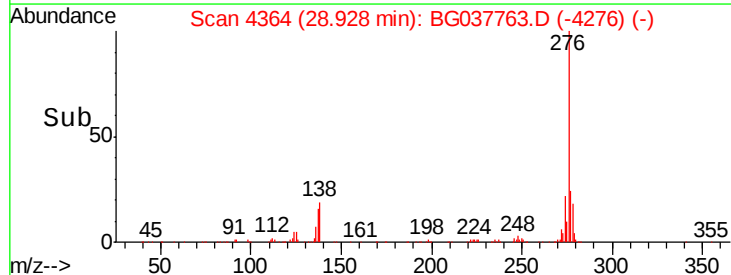
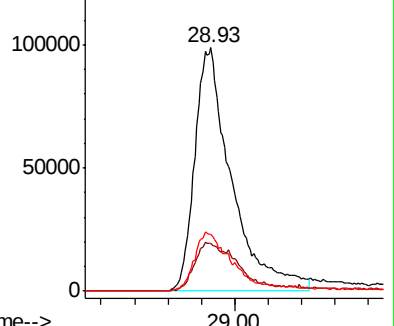
277 24.5 20.6 30.8

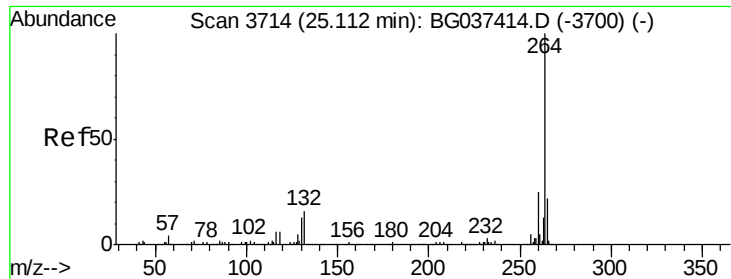


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB114420BS

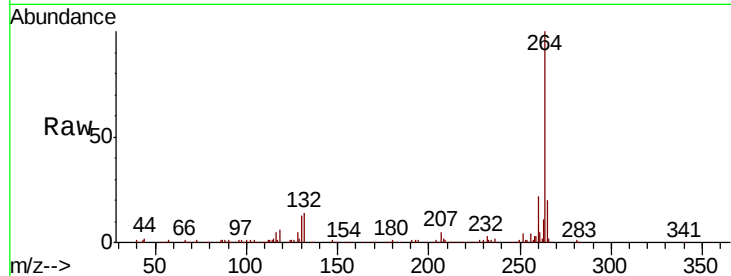
Tot Ion:264 Resp: 319277

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

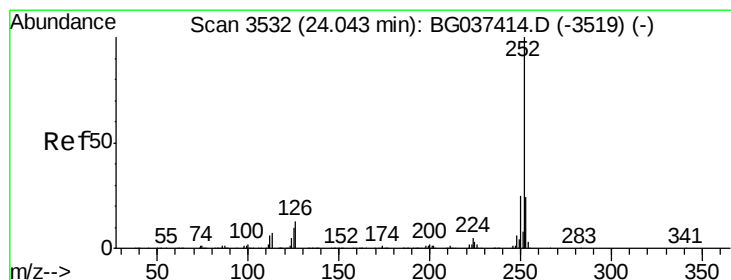
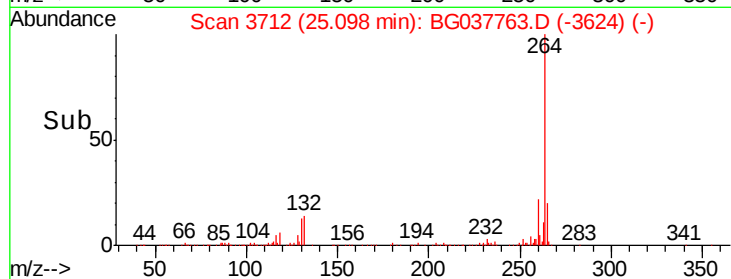
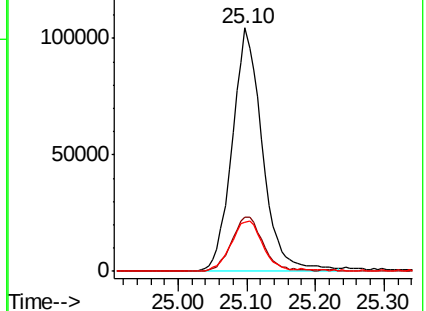
265 20.2 17.9 26.9



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: 46.054 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

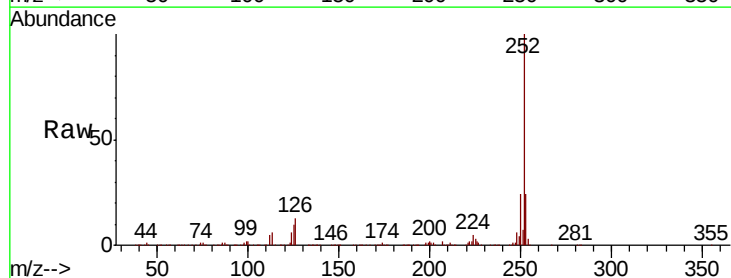
Tgt Ion:252 Resp: 806127

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

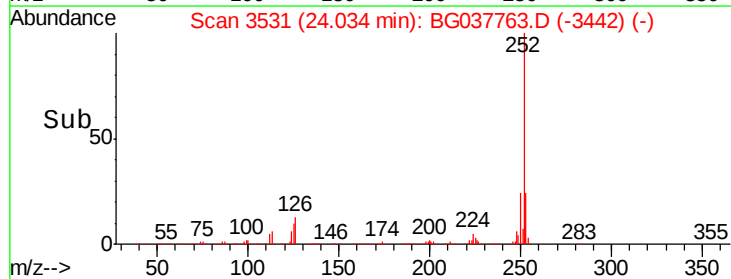
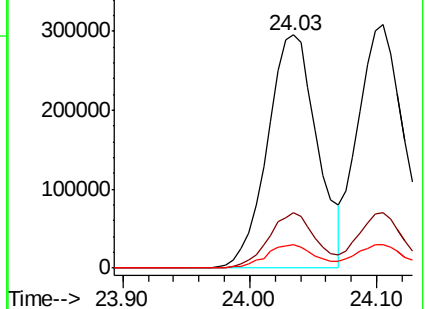
125 10.0 7.8 11.6

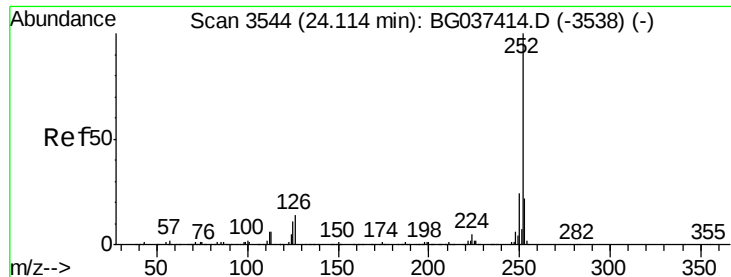


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

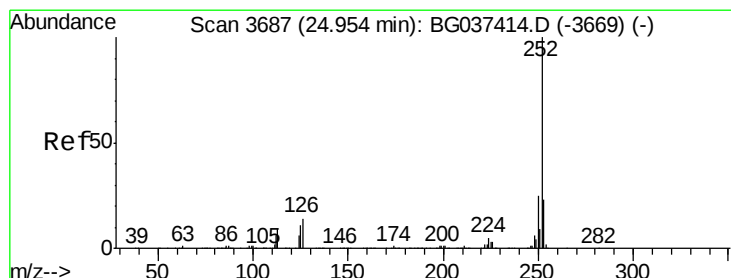
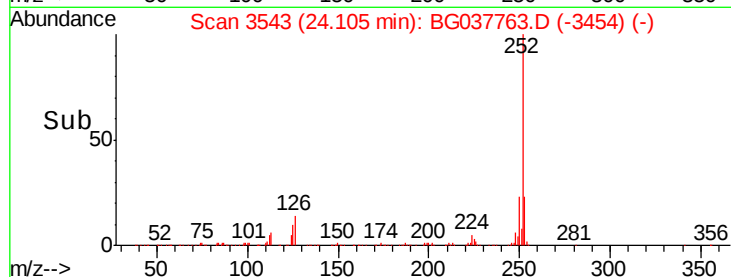
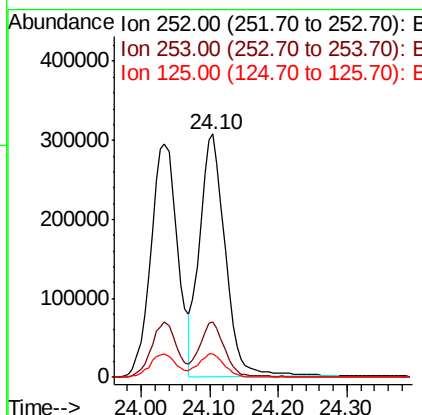
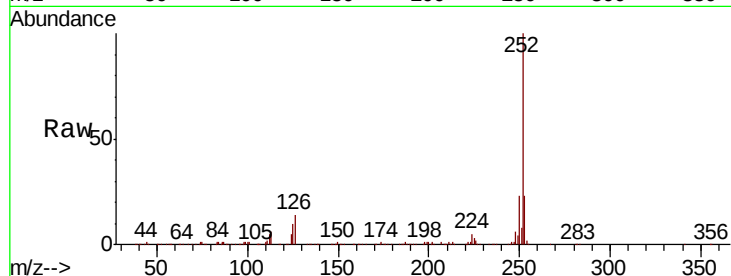




#89
Benzo(k)fluoranthene
Concen: 46.789 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

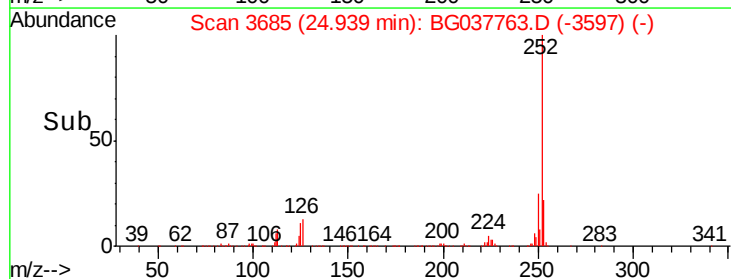
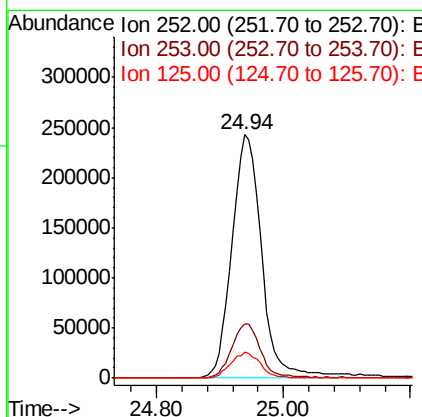
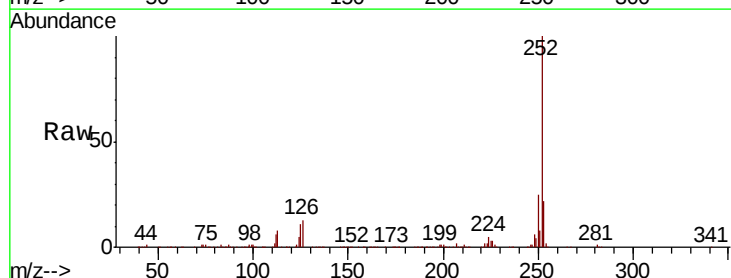
Instrument :
BNA_G
ClientSampleId :
PB114420BS

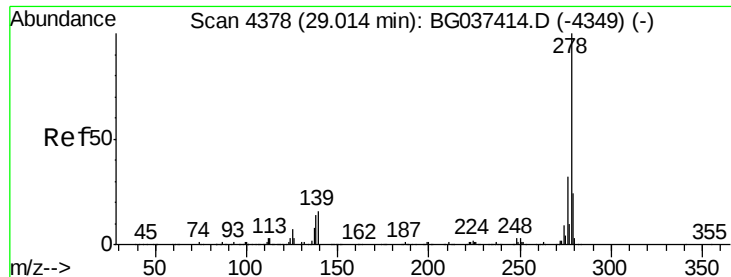
Tot Ion:252 Resp: 802397
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.808 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037763.D
Acq: 2 Nov 2018 20:38

Tgt Ion:252 Resp: 778543
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 37.318 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.03 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Instrument :

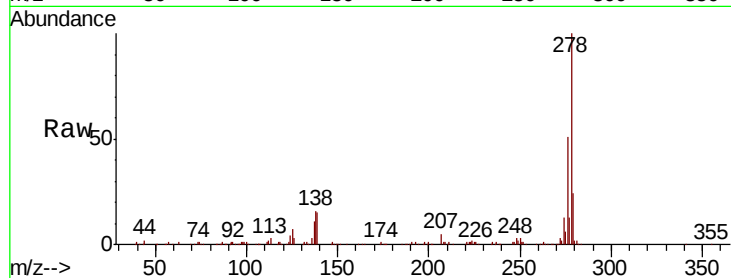
BNA_G

ClientSampleId :

PB114420BS

Tot Ion:278 Resp: 572549

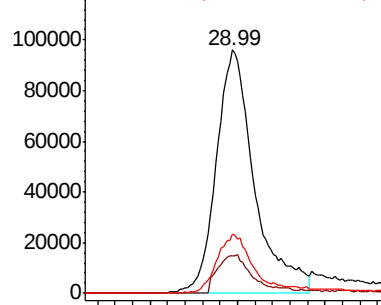
Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	24.1	18.6	27.8



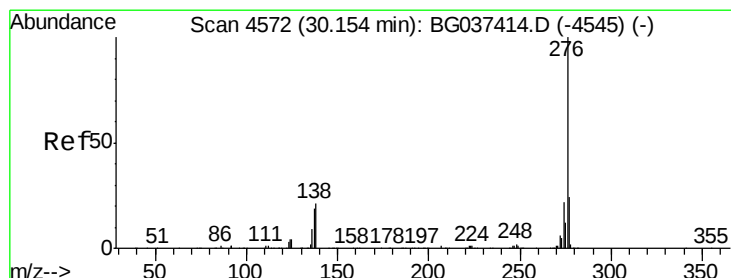
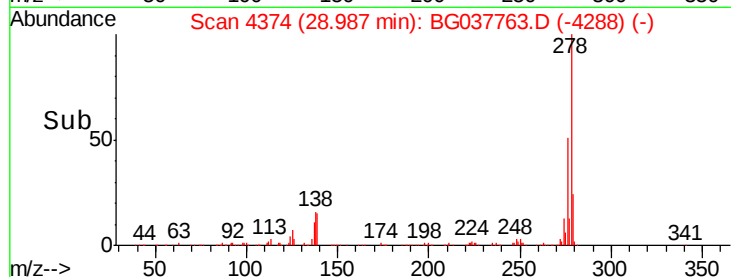
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 39.501 ng

RT: 30.13 min Scan# 4568

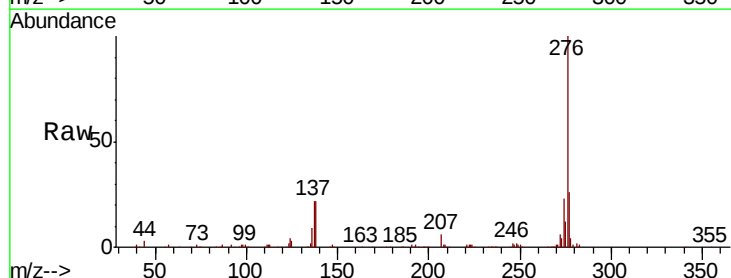
Delta R.T. -0.03 min

Lab File: BG037763.D

Acq: 2 Nov 2018 20:38

Tgt Ion:276 Resp: 613138

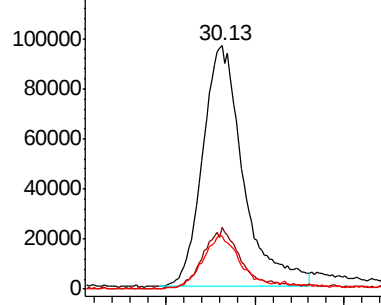
Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.9	28.3
138	21.7	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

