

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037272.D
 Acq On : 12 Oct 2018 00:32
 Operator : JU/SJ
 Sample : PB113698BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

Quant Time: Oct 12 06:52:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53957	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	243296	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	164627	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	411539	20.00	ng	0.00
76) Chrysene-d12	21.79	240	388655	20.00	ng	0.00
87) Perylene-d12	25.15	264	408259	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	332957	108.60	ng	0.00
7) Phenol-d6	7.26	99	476164	102.32	ng	0.00
23) Nitrobenzene-d5	9.30	82	246954	66.73	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	162989	100.95	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	653185	59.59	ng	0.00
79) Terphenyl-d14	20.10	244	1078075	58.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	37664	21.873	ng	96
3) Pyridine	3.94	79	113984	27.881	ng	97
4) n-Nitrosodimethylamine	3.86	42	53603	33.762	ng	88
6) Aniline	7.44	93	125955	20.676	ng	95
8) 2-Chlorophenol	7.68	128	130933	36.490	ng	98
9) Benzaldehyde	7.26	77	70840	22.110	ng	97
10) Phenol	7.29	94	181825	37.099	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	122527	30.601	ng	96
12) 1,3-Dichlorobenzene	8.01	146	130185	30.862	ng	97
13) 1,4-Dichlorobenzene	8.16	146	132006	30.909	ng	97
14) 1,2-Dichlorobenzene	8.48	146	125846	30.409	ng	99
15) Benzyl Alcohol	8.36	79	120482	33.099	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	235059	29.696	ng	98
17) 2-Methylphenol	8.55	107	123674	37.678	ng	98
18) Hexachloroethane	9.21	117	44559	30.569	ng	95
19) n-Nitroso-di-n-propylamine	8.93	70	105584	29.968	ng	98
20) 3+4-Methylphenols	8.88	107	168408	36.693	ng	97
22) Acetophenone	8.95	105	198776	32.411	ng	# 98
24) Nitrobenzene	9.34	77	143784	36.276	ng	98
25) Isophorone	9.86	82	304493	36.043	ng	98
26) 2-Nitrophenol	10.06	139	46947	34.894	ng	97
27) 2,4-Dimethylphenol	10.09	122	145309	41.151	ng	99
28) bis(2-Chloroethoxy)methane	10.34	93	182501	34.529	ng	95
29) 2,4-Dichlorophenol	10.58	162	140934	39.319	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	136226	31.232	ng	100
31) Naphthalene	11.00	128	407618	34.474	ng	99
32) Benzoic acid	10.20	122	69461	35.625	ng	99
33) 4-Chloroaniline	11.10	127	62914	11.343	ng	99
34) Hexachlorobutadiene	11.26	225	81998	30.273	ng	95
35) Caprolactam	11.88	113	28687	19.632	ng	94
36) 4-Chloro-3-methylphenol	12.20	107	159226	37.613	ng	98
37) 2-Methylnaphthalene	12.59	142	313460	36.327	ng	98
38) 1-Methylnaphthalene	12.81	142	299542	35.543	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	162558	30.491	ng	97

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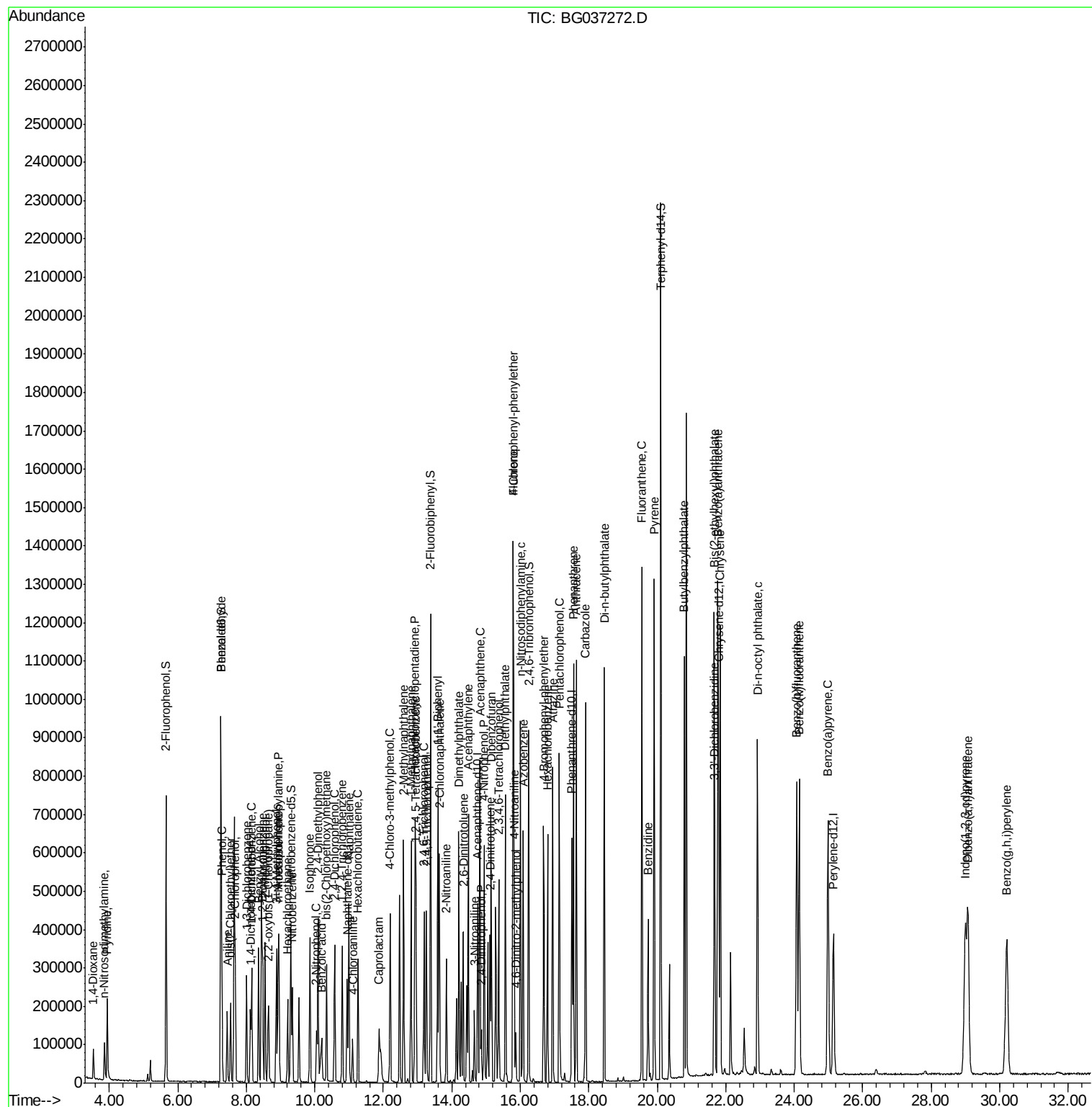
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	167763	76.331	ng	97
43) 2,4,6-Trichlorophenol	13.19	196	117478	37.985	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	130532	39.227	ng	98
46) 1,1'-Biphenyl	13.59	154	417412	30.823	ng	98
47) 2-Chloronaphthalene	13.64	162	326424	31.911	ng	98
48) 2-Nitroaniline	13.85	65	92759	35.210	ng	91
49) Acenaphthylene	14.49	152	553823	35.392	ng	98
50) Dimethylphthalate	14.20	163	454222	35.109	ng	99
51) 2,6-Dinitrotoluene	14.33	165	86634	35.829	ng	97
52) Acenaphthene	14.82	154	322025	33.316	ng	99
53) 3-Nitroaniline	14.66	138	47337	17.488	ng	# 92
54) 2,4-Dinitrophenol	14.86	184	32849	50.742	ng	97
55) Dibenzofuran	15.15	168	510305	32.537	ng	99
56) 4-Nitrophenol	14.95	139	164253	77.845	ng	96
57) 2,4-Dinitrotoluene	15.11	165	115229	37.536	ng	98
58) Fluorene	15.80	166	418142	35.251	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	113106	38.391	ng	97
60) Diethylphthalate	15.56	149	468314	34.928	ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	219651	31.680	ng	98
62) 4-Nitroaniline	15.83	138	97573	34.343	ng	99
63) Azobenzene	16.08	77	428360	33.322	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	30666	26.803	ng	95
66) n-Nitrosodiphenylamine	16.01	169	390894	32.344	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	139967	31.513	ng	98
68) Hexachlorobenzene	16.79	284	143425	31.145	ng	99
69) Atrazine	16.95	200	152505	33.951	ng	98
70) Pentachlorophenol	17.14	266	168170	56.602	ng	95
71) Phenanthrene	17.55	178	720477	34.392	ng	99
72) Anthracene	17.64	178	734264	35.809	ng	99
73) Carbazole	17.91	167	686523	32.495	ng	99
74) Di-n-butylphthalate	18.45	149	810455	35.791	ng	99
75) Fluoranthene	19.55	202	866586	35.393	ng	99
77) Benzidine	19.73	184	258450	17.383	ng	99
78) Pyrene	19.91	202	865285	34.160	ng	99
80) Butylbenzylphthalate	20.79	149	348516	35.364	ng	97
81) Benzo(a)anthracene	21.77	228	823514	35.379	ng	100
82) 3,3'-Dichlorobenzidine	21.68	252	141167	15.722	ng	97
83) Chrysene	21.84	228	754692	33.989	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	497516	35.156	ng	98
85) Di-n-octyl phthalate	22.92	149	835518	36.375	ng	98
86) Indeno(1,2,3-cd)pyrene	28.99	276	895519	36.387	ng	98
88) Benzo(b)fluoranthene	24.07	252	814282	36.686	ng	99
89) Benzo(k)fluoranthene	24.15	252	757959	34.606	ng	97
90) Benzo(a)pyrene	24.99	252	772530	36.296	ng	99
91) Dibenzo(a,h)anthracene	29.07	278	733339	36.010	ng	96
92) Benzo(g,h,i)perylene	30.21	276	743171	36.538	ng	99

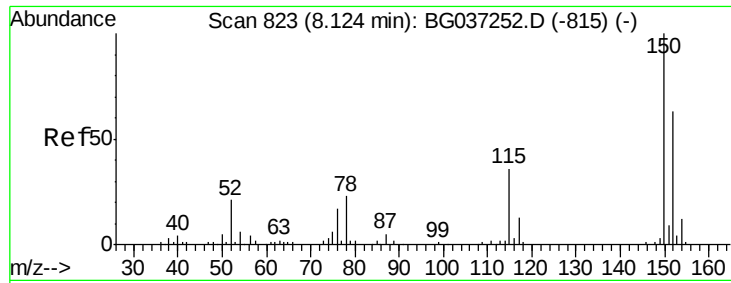
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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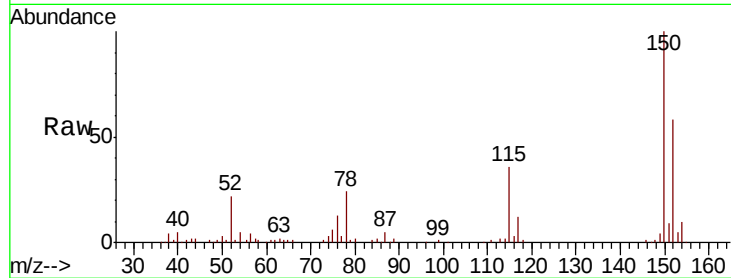




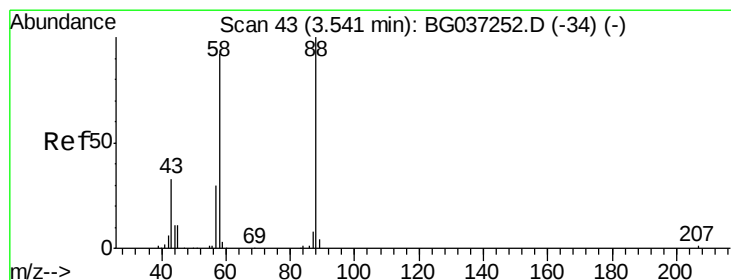
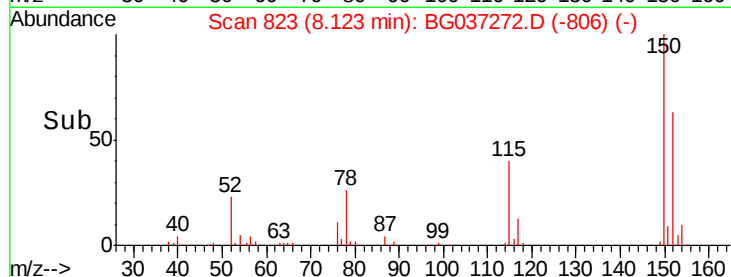
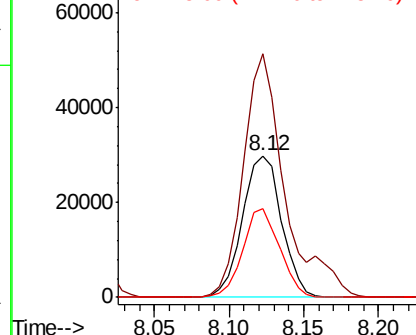
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

Tgt Ion:152 Resp: 53957
 Ion Ratio Lower Upper
 152 100
 150 172.4 126.0 189.0
 115 62.8 45.5 68.3

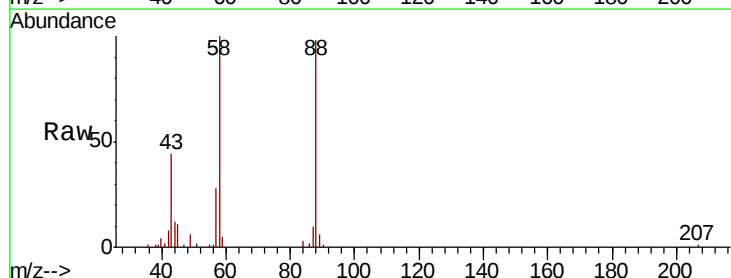


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

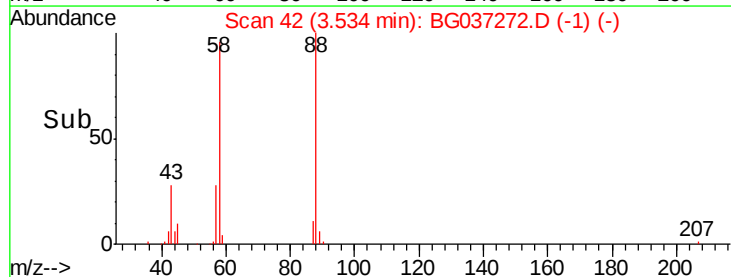
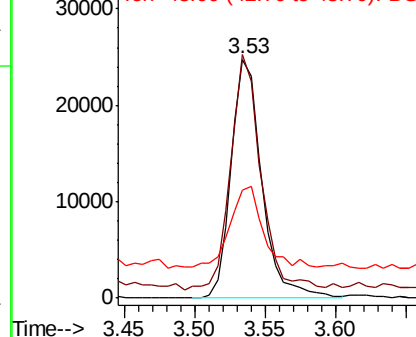


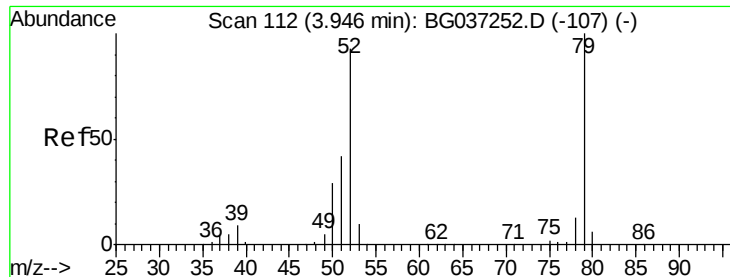
#2
 1,4-Dioxane
 Concen: 21.873 ng
 RT: 3.53 min Scan# 42
 Delta R.T. -0.01 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion: 88 Resp: 37664
 Ion Ratio Lower Upper
 88 100
 58 96.1 74.4 111.6
 43 34.9 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

Pyridine

Concen: 27.881 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

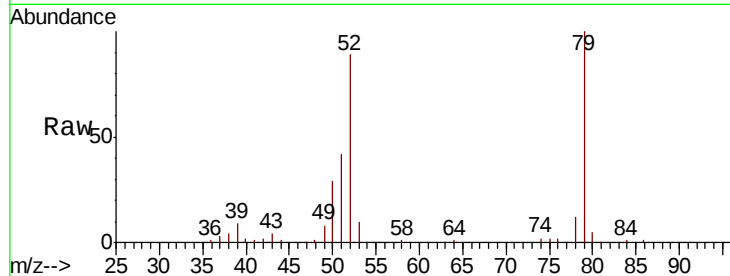
Tgt Ion: 79 Resp: 113984

Ion Ratio Lower Upper

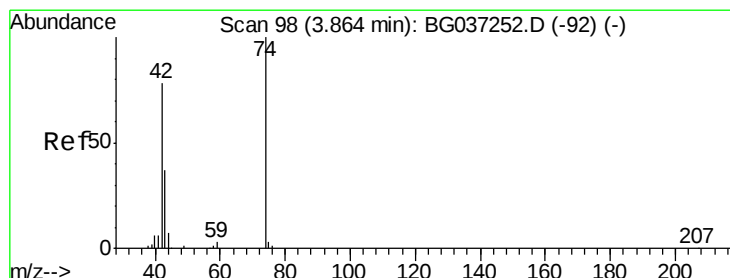
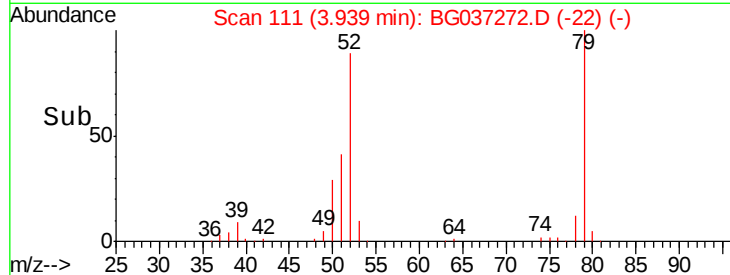
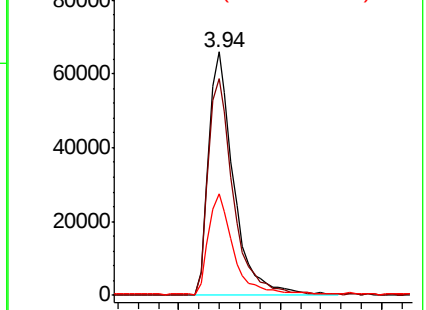
79 100

52 89.2 74.2 111.2

51 41.9 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 33.762 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

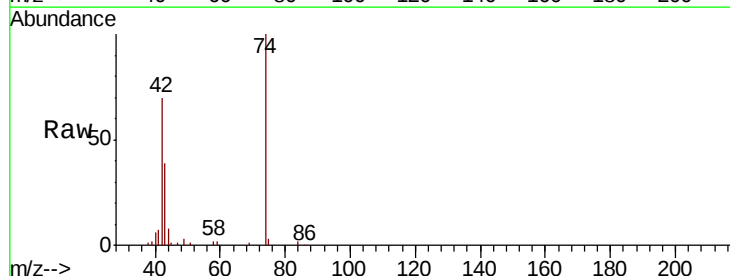
Tgt Ion: 42 Resp: 53603

Ion Ratio Lower Upper

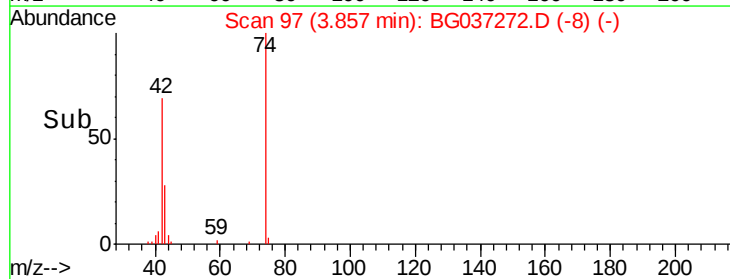
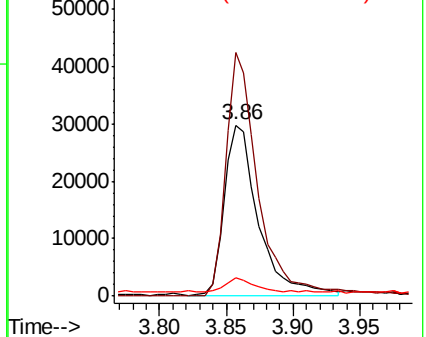
42 100

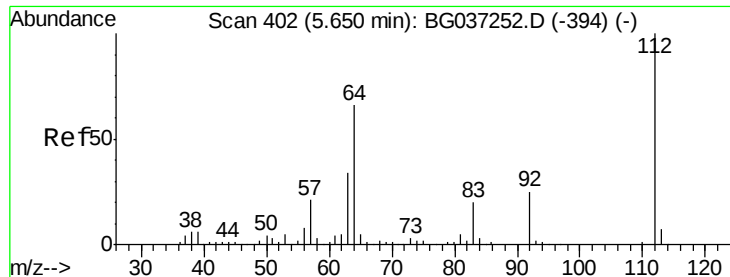
74 142.4 102.0 153.0

44 10.7 9.6 14.4



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





#5

2-Fluorophenol

Concen: 108.600 ng

RT: 5.66 min Scan# 403

Delta R.T. 0.00 min

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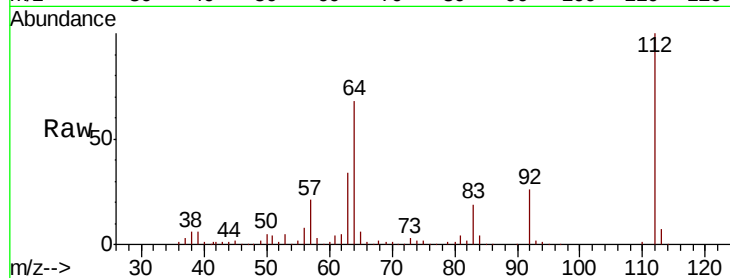
Tgt Ion: 112 Resp: 332957

Ion Ratio Lower Upper

112 100

64 67.9 53.1 79.7

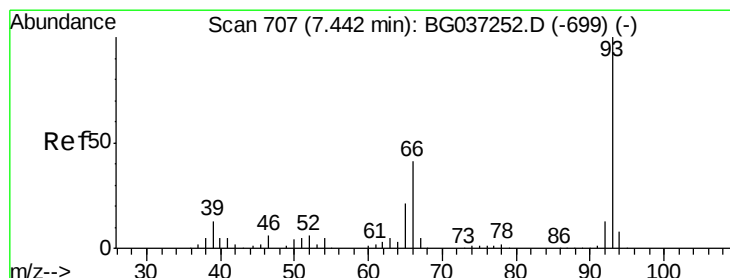
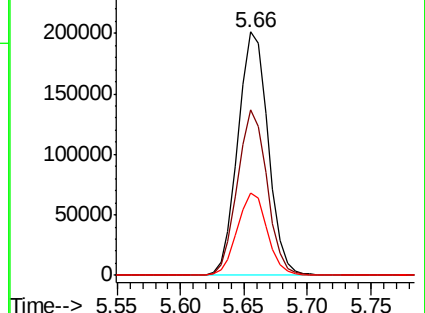
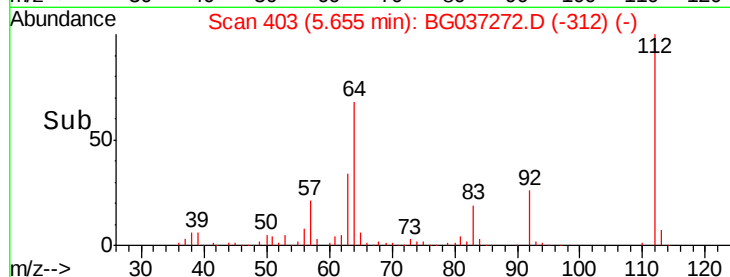
63 34.1 27.3 40.9



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: 20.676 ng

RT: 7.44 min Scan# 707

Delta R.T. -0.00 min

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Acq: 12 Oct 2018 00:32

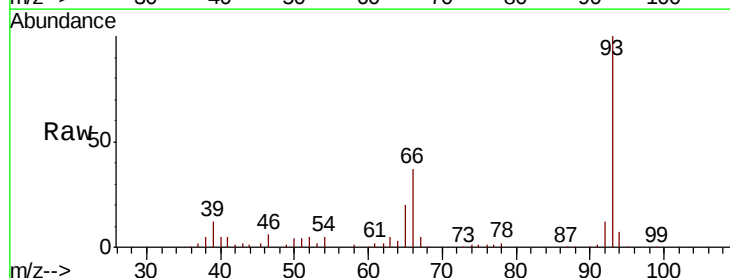
Tgt Ion: 93 Resp: 125955

Ion Ratio Lower Upper

93 100

66 36.8 32.8 49.2

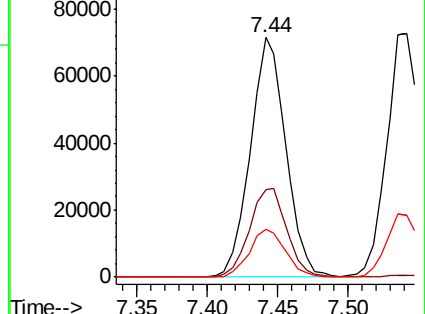
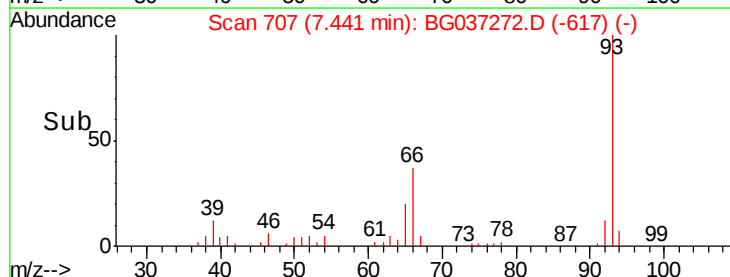
65 20.2 16.4 24.6

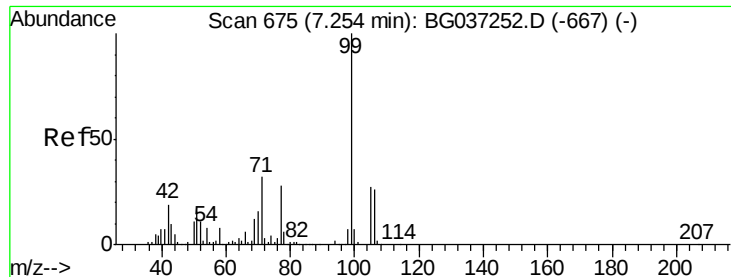


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.323 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

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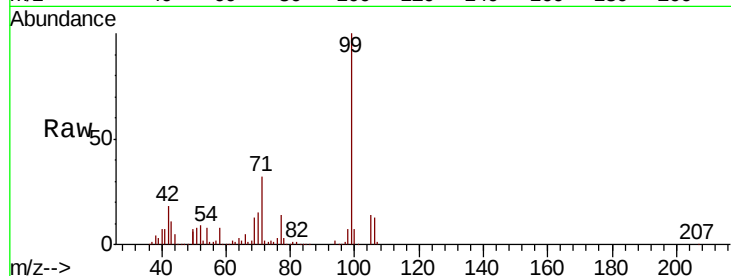
Tgt Ion: 99 Resp: 476164

Ion Ratio Lower Upper

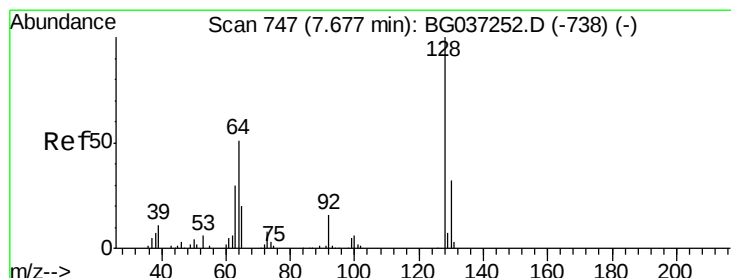
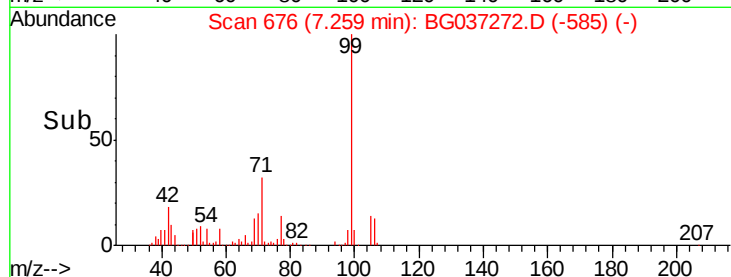
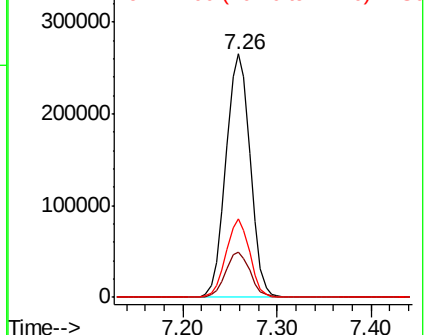
99 100

42 18.4 15.0 22.4

71 32.5 25.5 38.3



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



#8

2-Chlorophenol

Concen: 36.490 ng

RT: 7.68 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

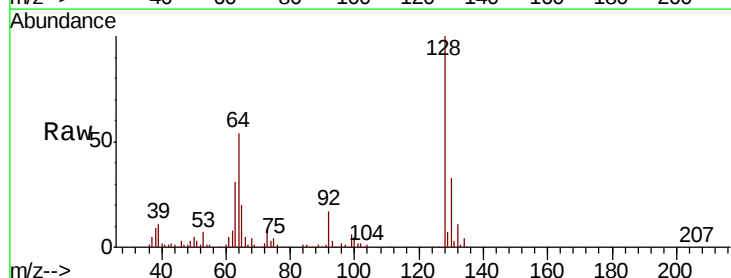
Tgt Ion: 128 Resp: 130933

Ion Ratio Lower Upper

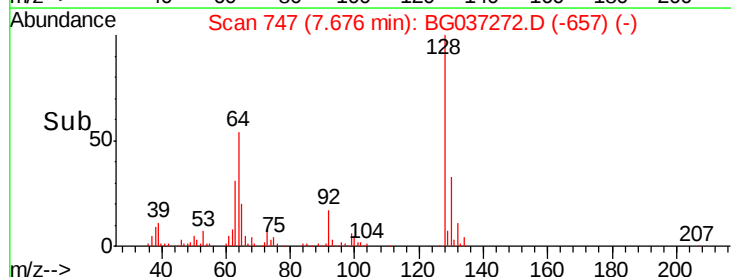
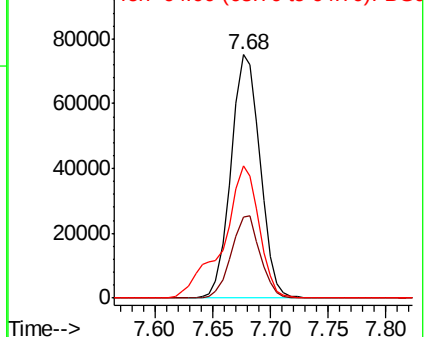
128 100

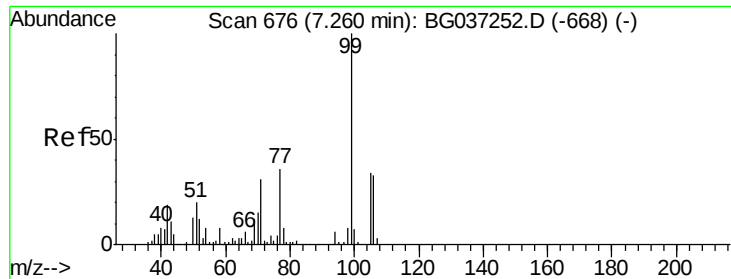
130 33.3 12.0 52.0

64 54.4 32.9 72.9



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





#9

Benzaldehyde

Concen: 22.110 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

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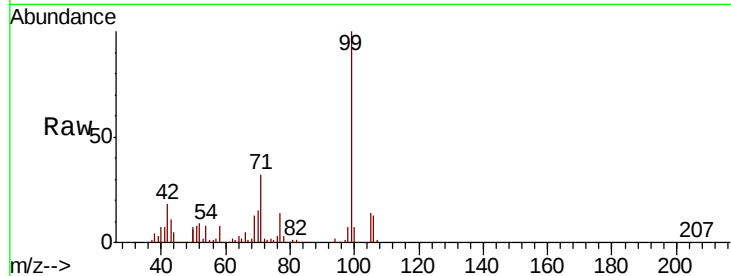
Tgt Ion: 77 Resp: 70840

Ion Ratio Lower Upper

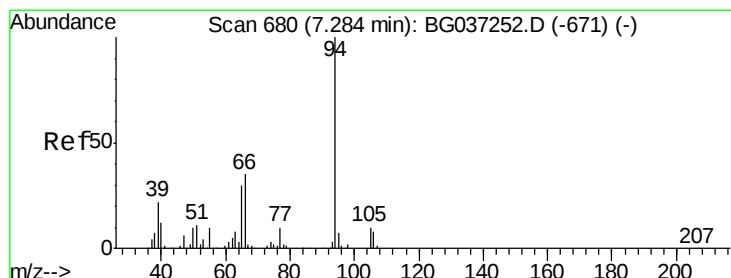
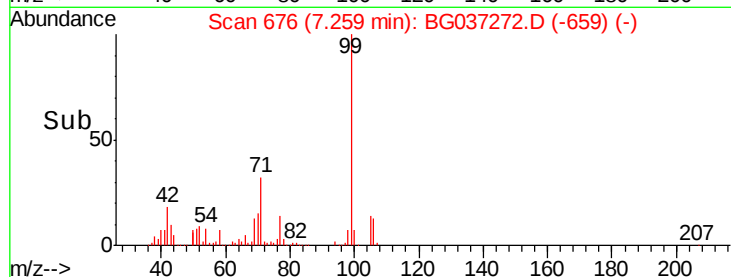
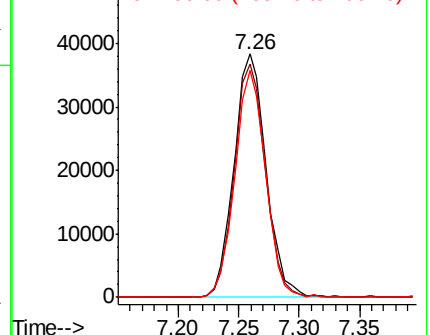
77 100

105 96.0 72.6 112.6

106 93.3 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: 37.099 ng

RT: 7.29 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

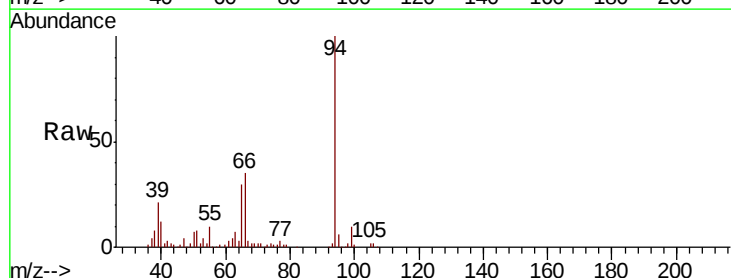
Tgt Ion: 94 Resp: 181825

Ion Ratio Lower Upper

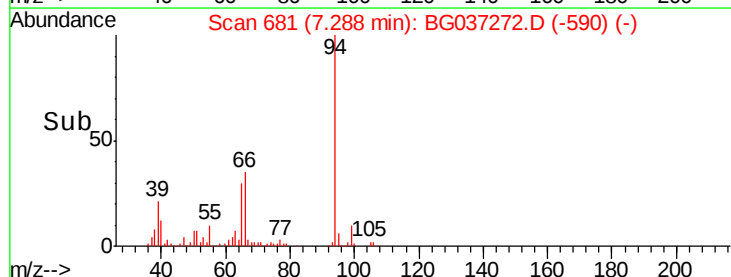
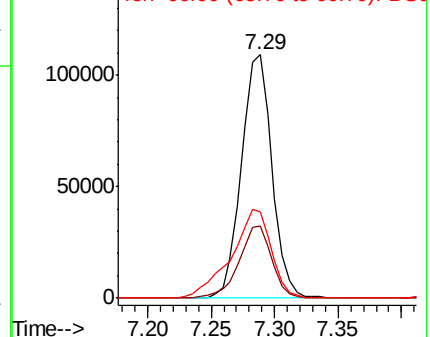
94 100

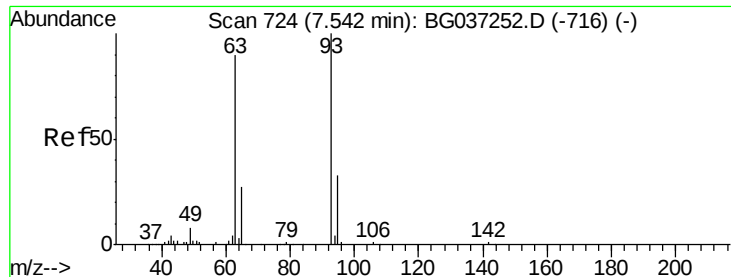
65 29.7 9.7 49.7

66 35.2 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: 30.601 ng

RT: 7.54 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

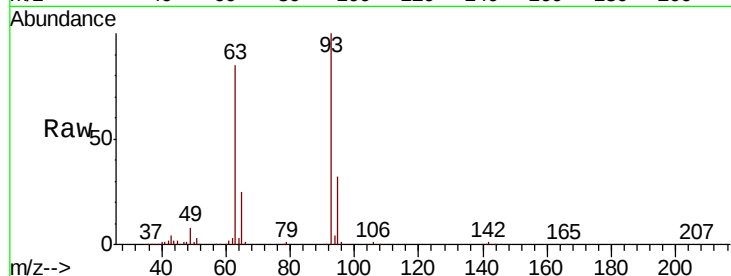
Tgt Ion: 93 Resp: 122527

Ion Ratio Lower Upper

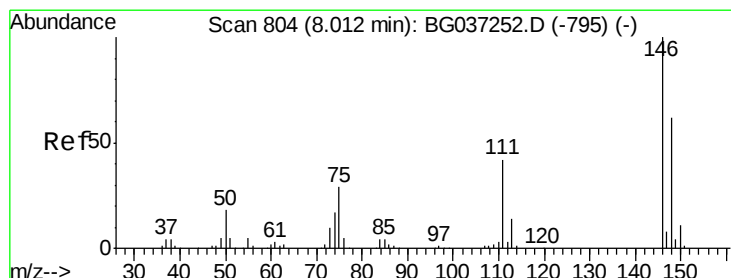
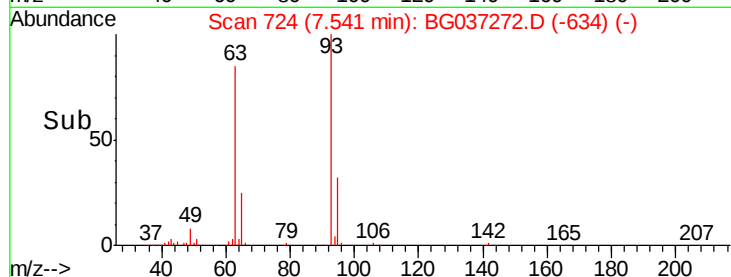
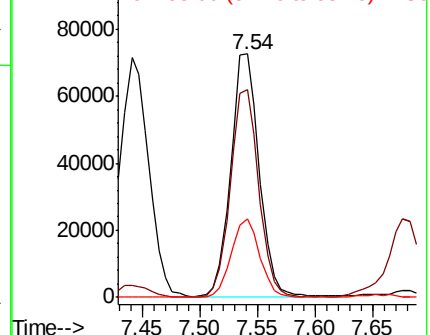
93 100

63 85.1 69.5 109.5

95 32.3 12.6 52.6



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



#12

1,3-Dichlorobenzene

Concen: 30.862 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

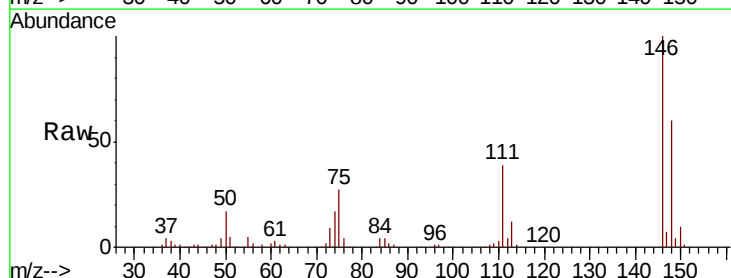
Tgt Ion: 146 Resp: 130185

Ion Ratio Lower Upper

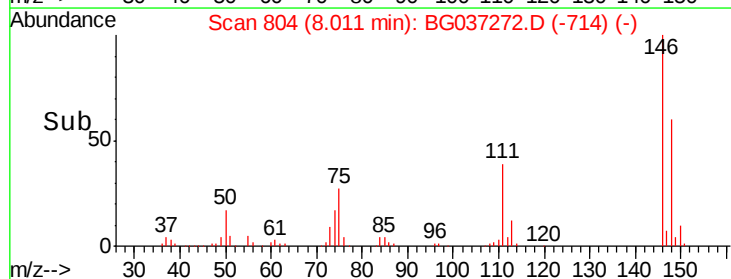
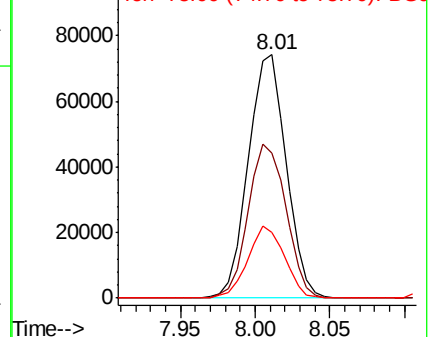
146 100

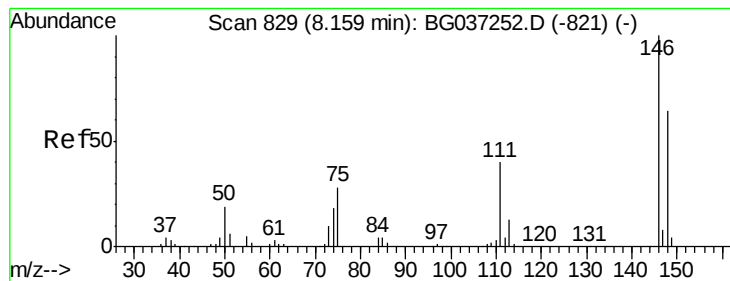
148 59.8 49.8 74.8

75 27.0 23.2 34.8



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





#13

1,4-Dichlorobenzene

Concen: 30.909 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

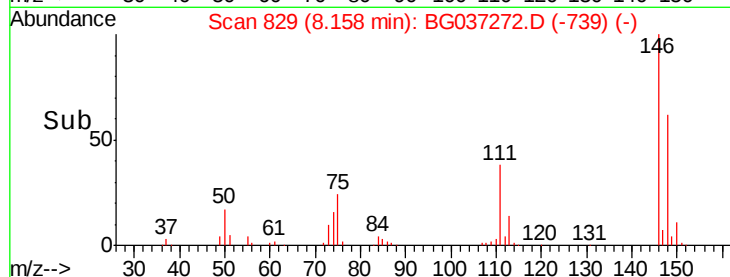
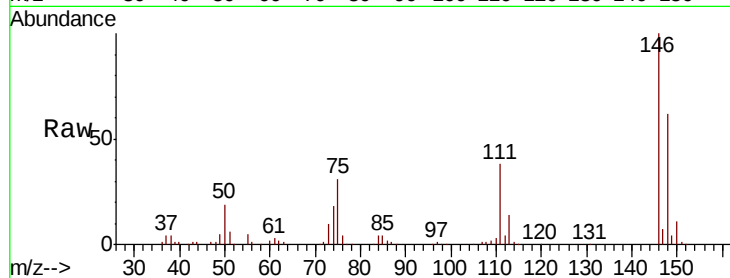
Tgt Ion:146 Resp: 132006

Ion Ratio Lower Upper

146 100

148 61.6 51.0 76.6

111 38.4 32.4 48.6

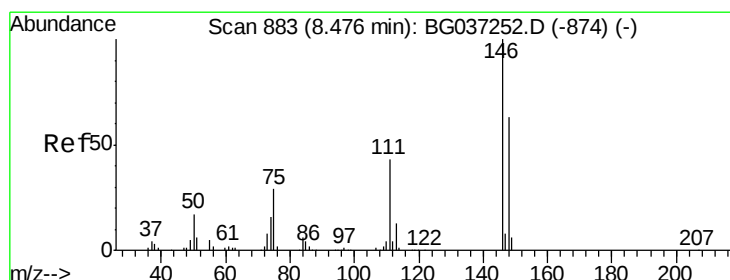
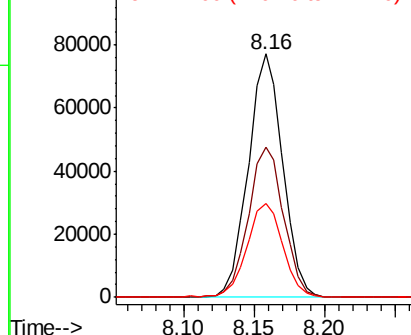


Abundance

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: 30.409 ng

RT: 8.48 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

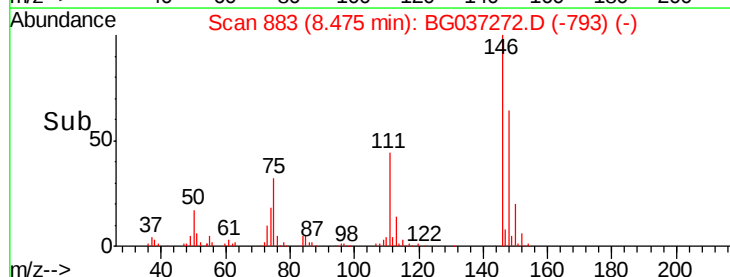
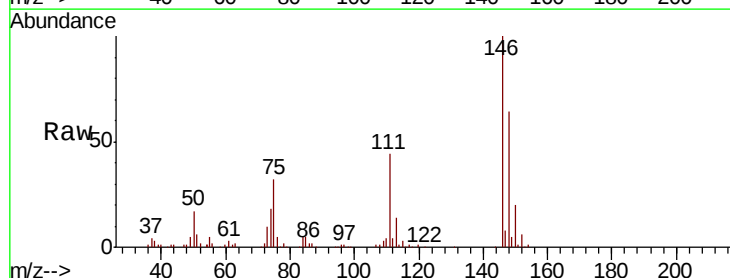
Tgt Ion:146 Resp: 125846

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 44.0 34.6 51.8

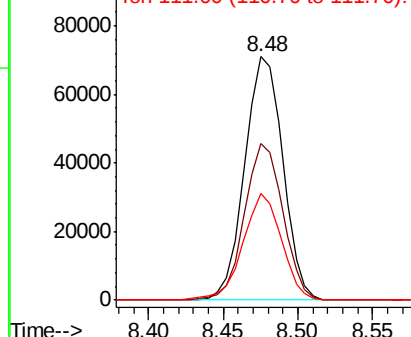


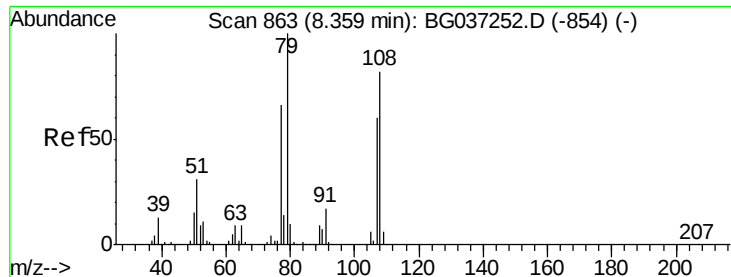
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.099 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

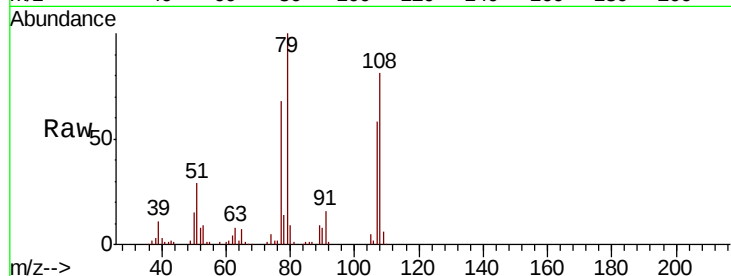
Tgt Ion: 79 Resp: 120482

Ion Ratio Lower Upper

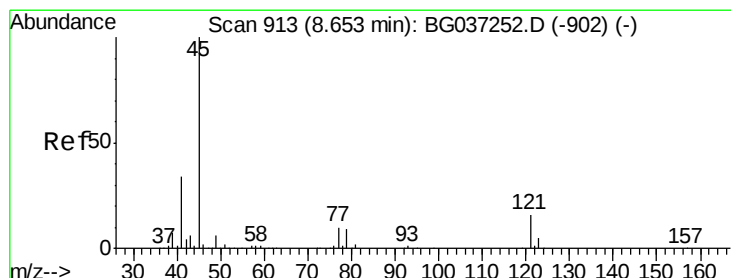
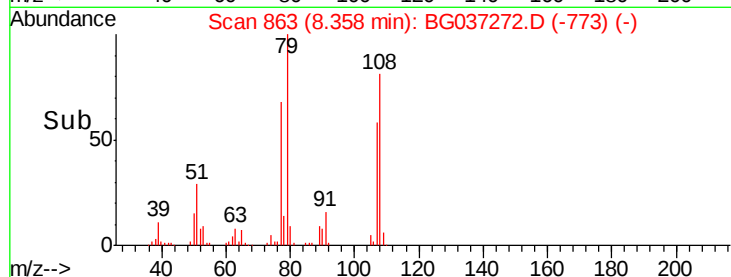
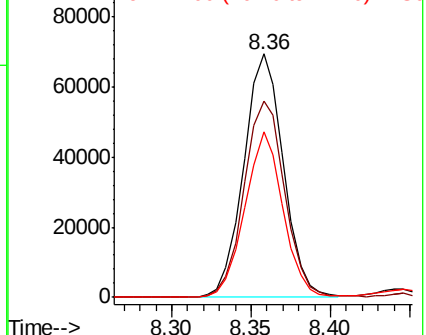
79 100

108 80.7 65.8 98.8

77 67.9 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.696 ng

RT: 8.65 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

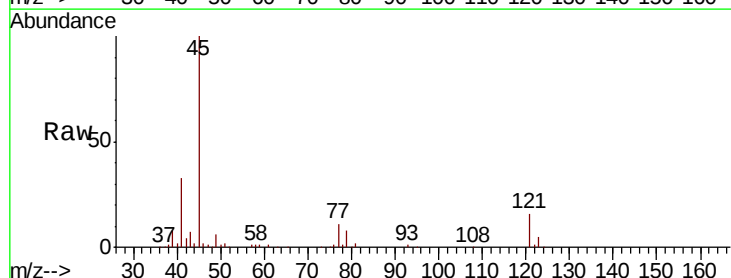
Tgt Ion: 45 Resp: 235059

Ion Ratio Lower Upper

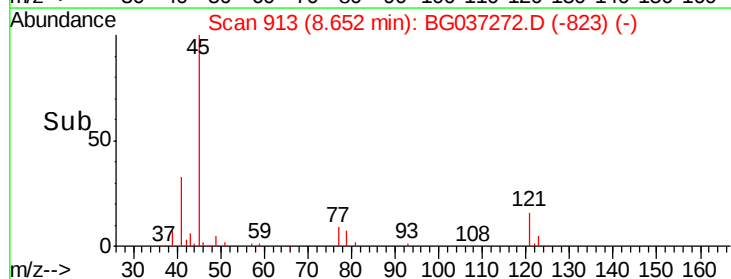
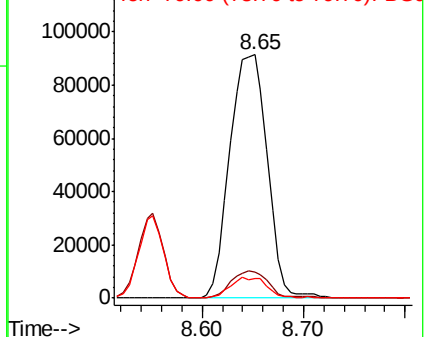
45 100

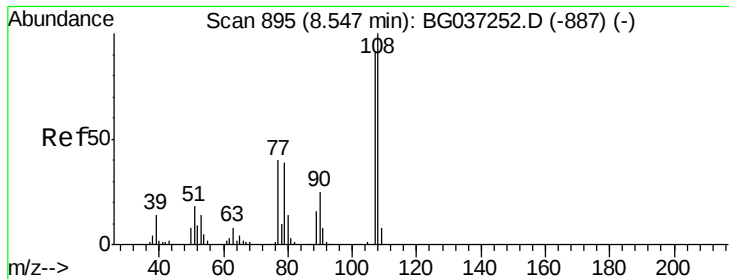
77 10.7 0.0 30.0

79 8.3 0.0 29.0



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

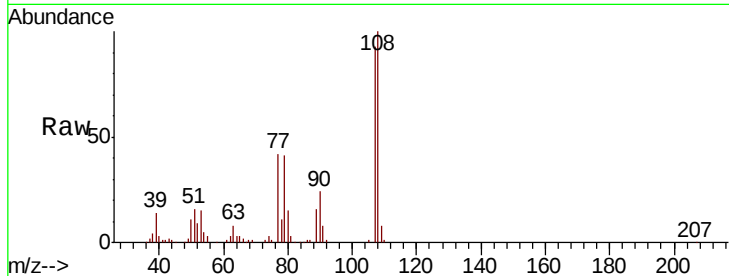




#17
 2-Methylphenol
 Concen: 37.678 ng
 RT: 8.55 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

Tgt Ion:	107	Resp:	123674
Ion	Ratio	Lower	Upper
107	100		
108	107.3	87.9	131.9
77	45.2	35.1	52.7
79	43.7	34.5	51.7



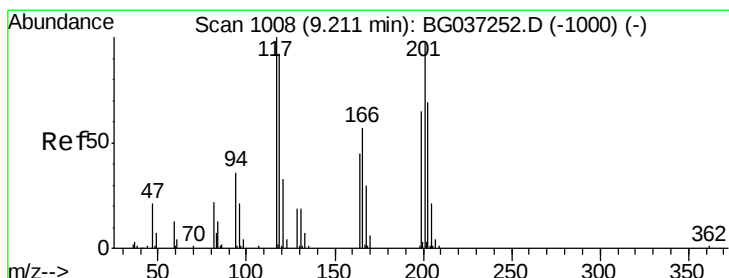
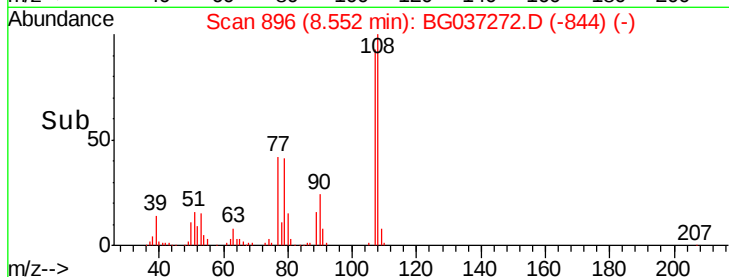
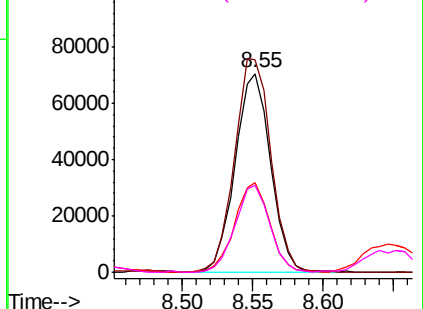
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

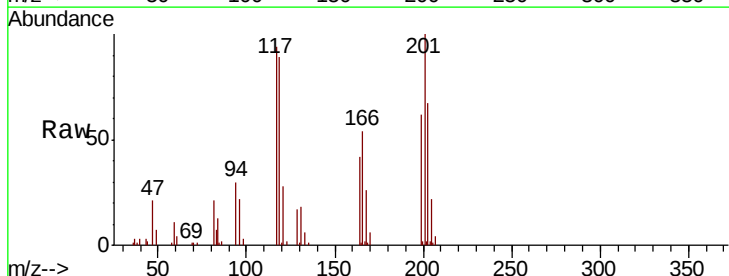
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
 Hexachloroethane
 Concen: 30.569 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion:	117	Resp:	44559
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.6	111.8
201	109.2	80.8	121.2

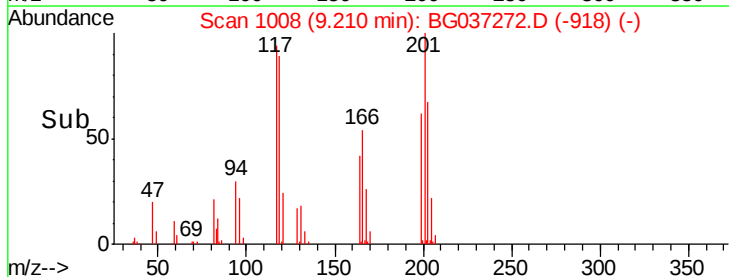
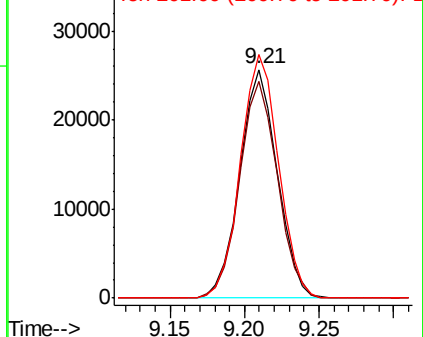


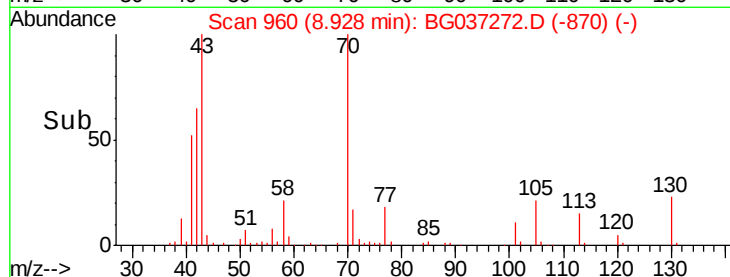
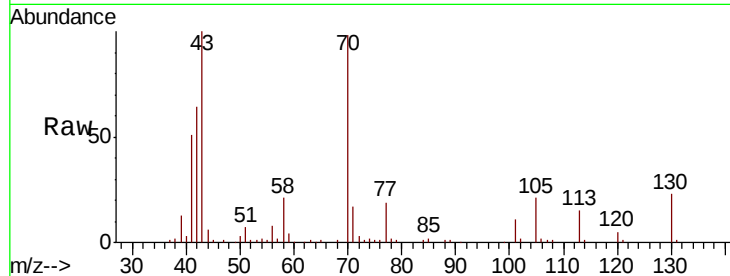
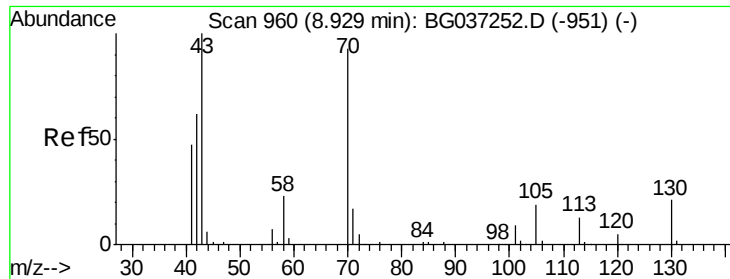
Abundance

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

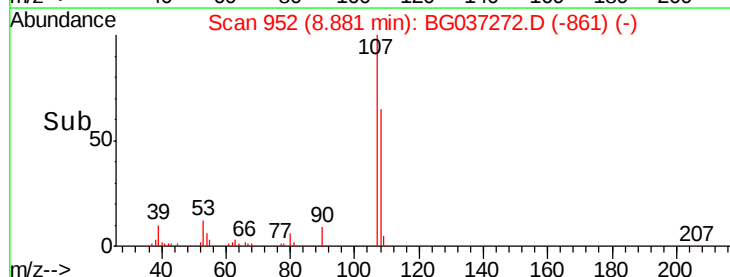
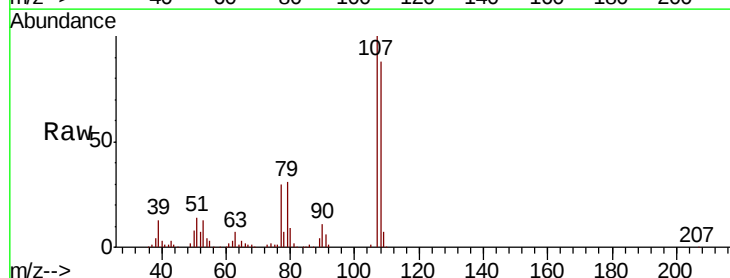
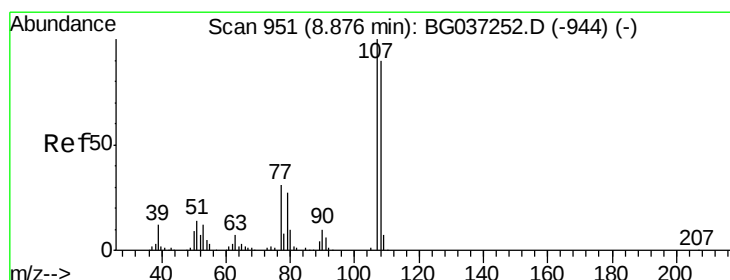
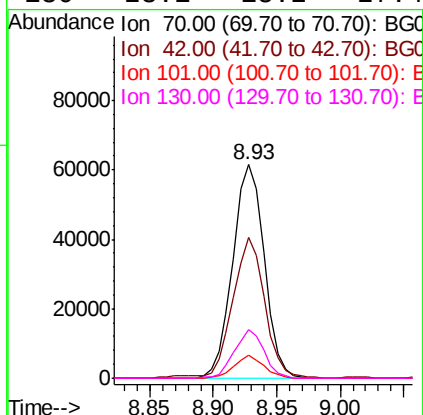




#19
n-Nitroso-di-n-propylamine
Concen: 29.968 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

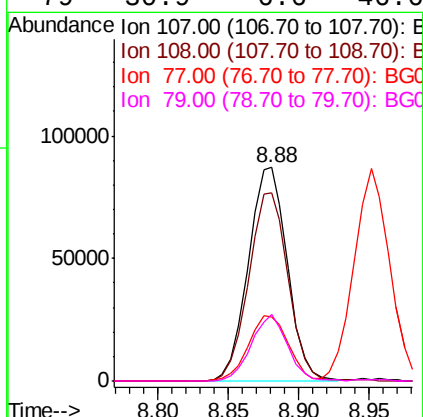
Instrument :
BNA_G
ClientSampleId :
PB113698BSD

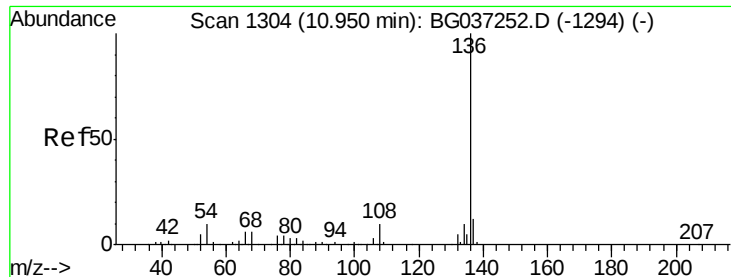
Tgt Ion:	70	Resp:	105584
Ion	Ratio	Lower	Upper
70	100		
42	65.7	53.9	80.9
101	10.9	8.2	12.2
130	23.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 36.693 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion:	107	Resp:	168408
Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.9	109.9
77	30.2	11.2	51.2
79	30.9	6.6	46.6

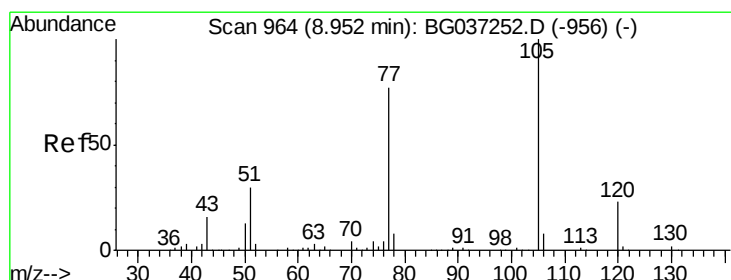
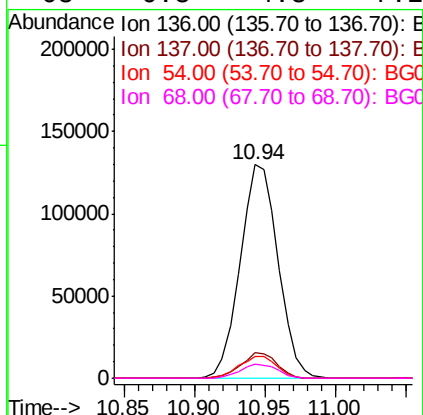
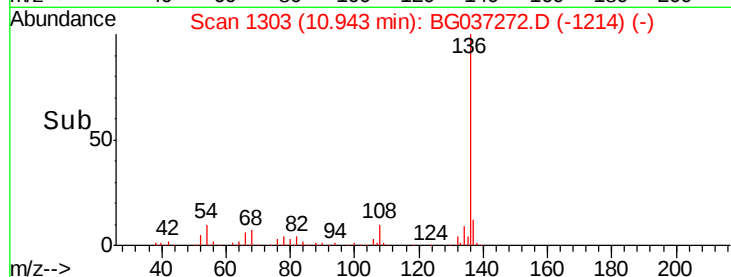
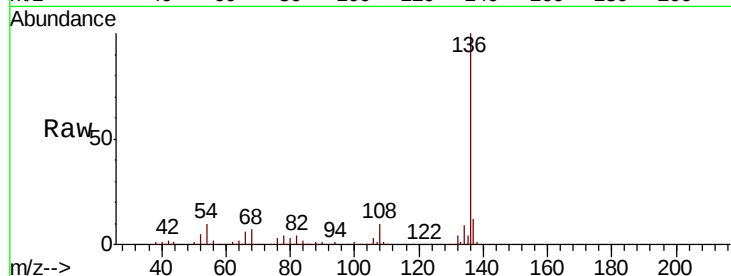




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

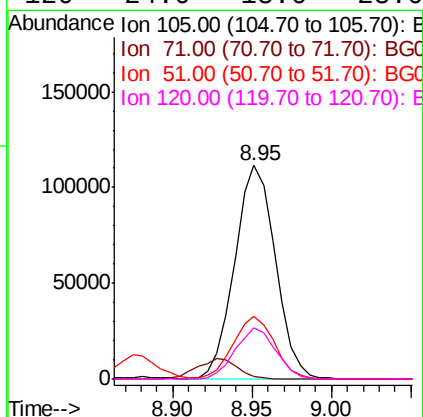
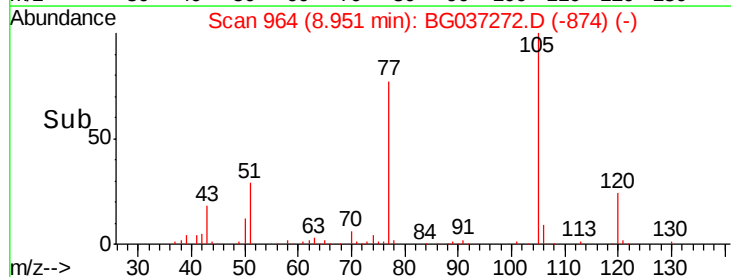
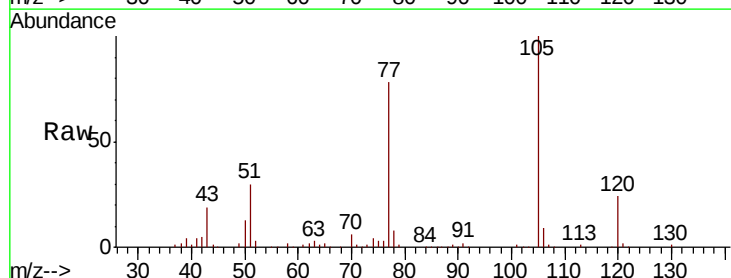
Instrument :
BNA_G
ClientSampleId :
PB113698BSD

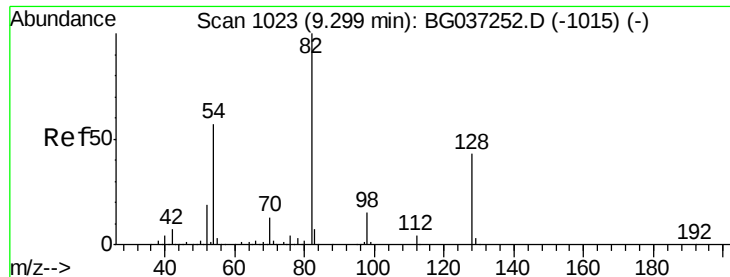
Tgt Ion:	136	Resp:	243296
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	10.4	7.9	11.9
68	6.8	4.8	7.2



#22
Acetophenone
Concen: 32.411 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion:	105	Resp:	198776
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	29.6	25.0	37.6
120	24.0	18.6	28.0

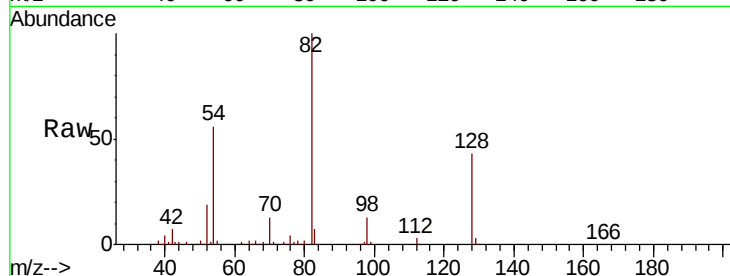




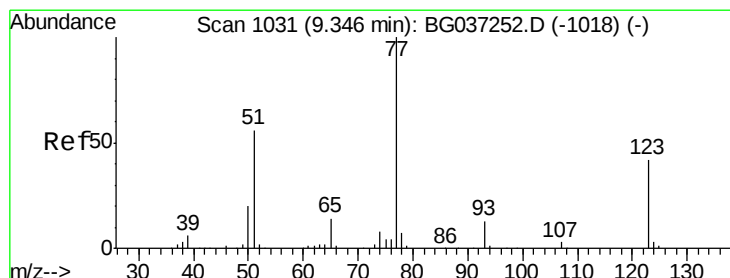
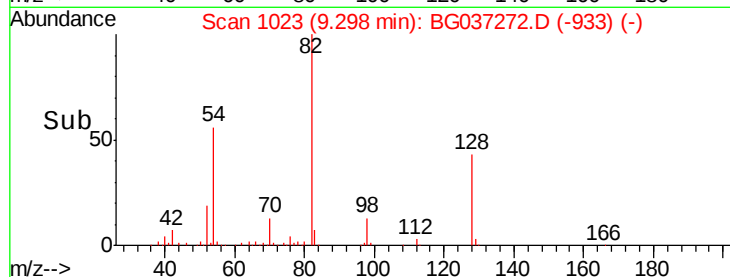
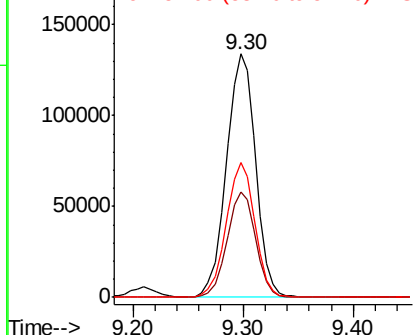
#23
 Nitrobenzene-d5
 Concen: 66.733 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	55.5	45.3	67.9

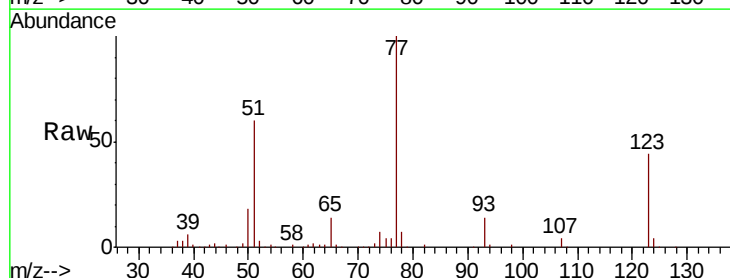


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

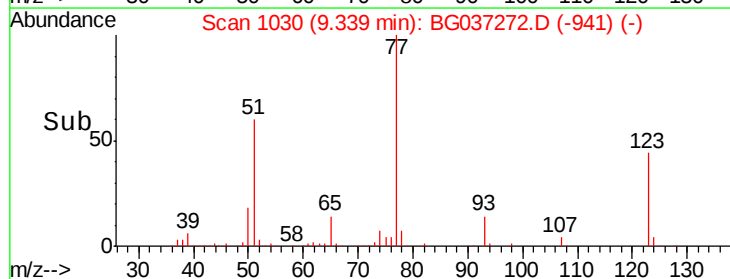
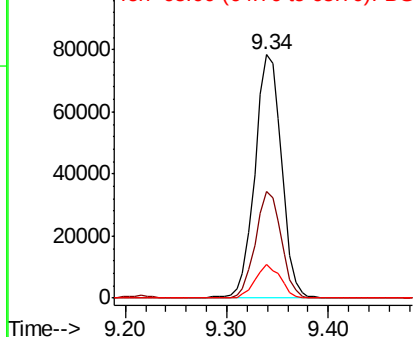


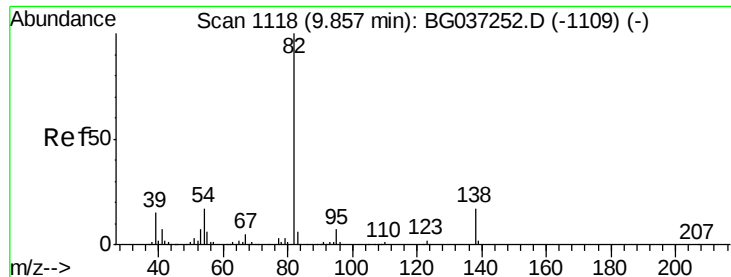
#24
 Nitrobenzene
 Concen: 36.276 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.6	50.4
65	13.8	11.3	16.9



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





#25

Isophorone

Concen: 36.043 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

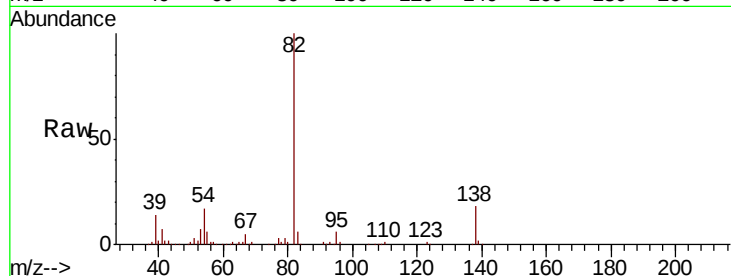
Tgt Ion: 82 Resp: 304493

Ion Ratio Lower Upper

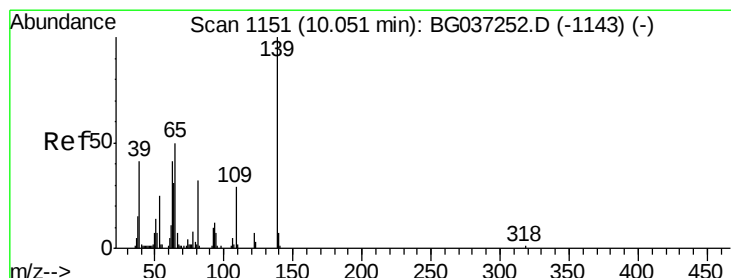
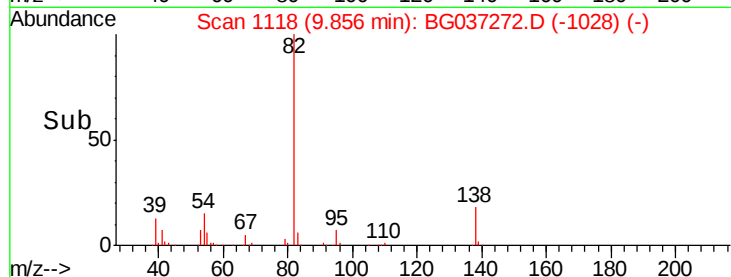
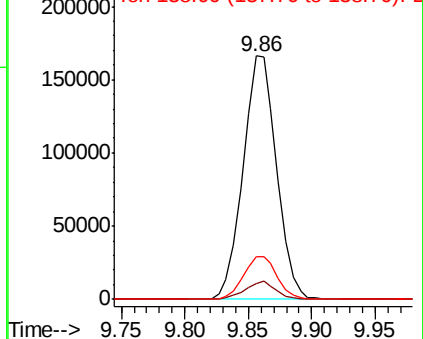
82 100

95 6.5 5.3 7.9

138 17.6 13.3 19.9



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



#26

2-Nitrophenol

Concen: 34.894 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

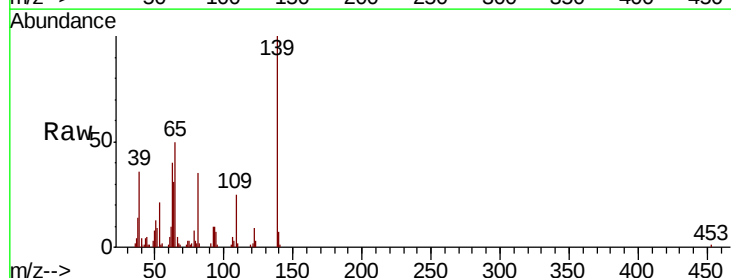
Tgt Ion: 139 Resp: 46947

Ion Ratio Lower Upper

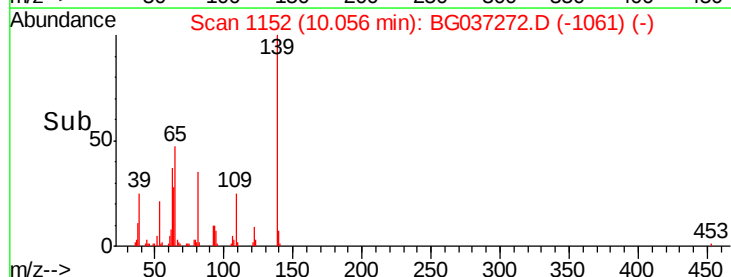
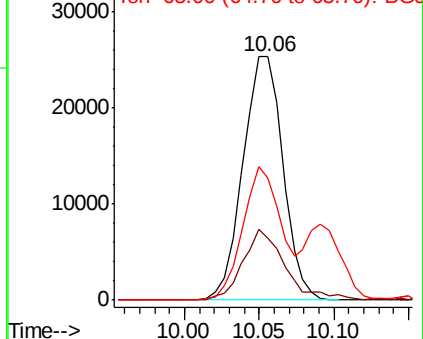
139 100

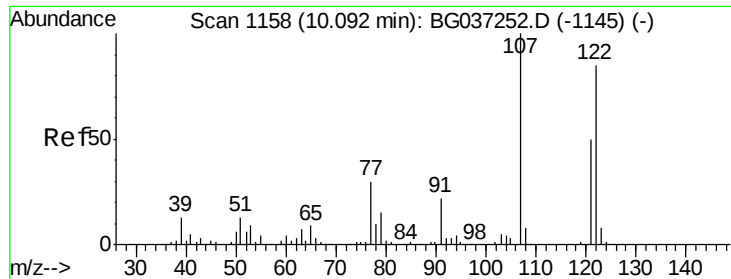
109 25.4 23.3 34.9

65 50.2 39.8 59.8



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

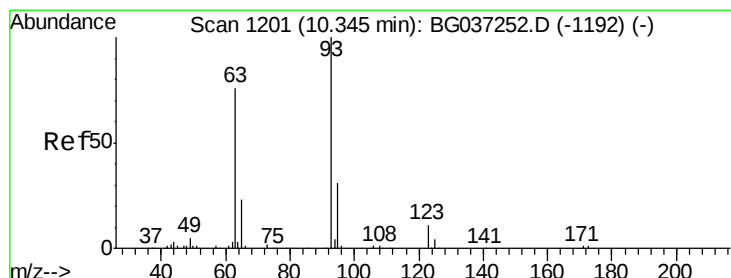
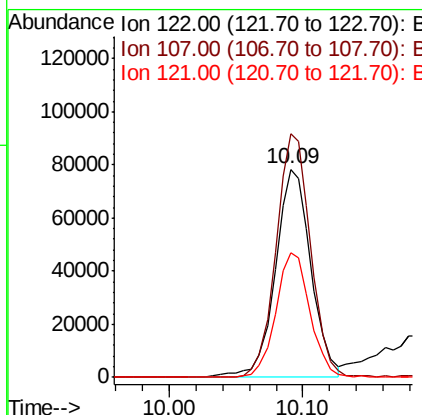
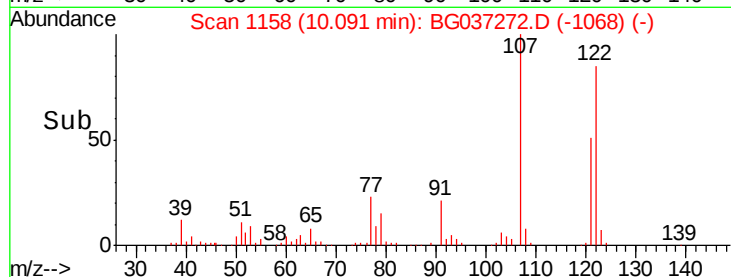
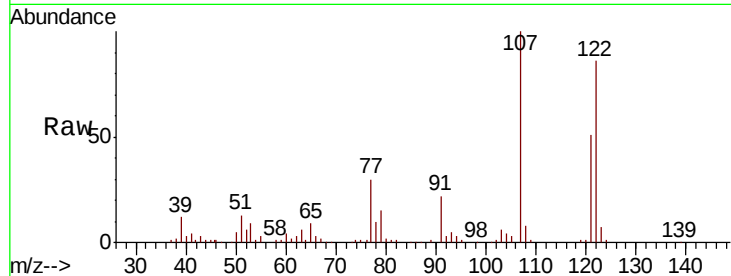




#27
2,4-Dimethylphenol
Concen: 41.151 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

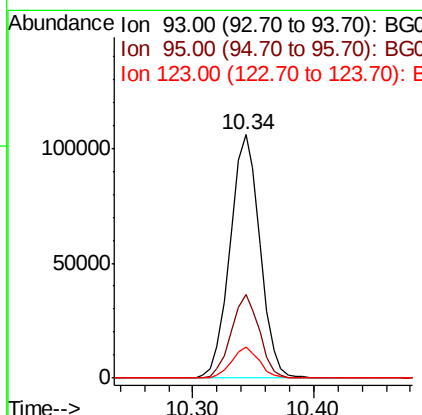
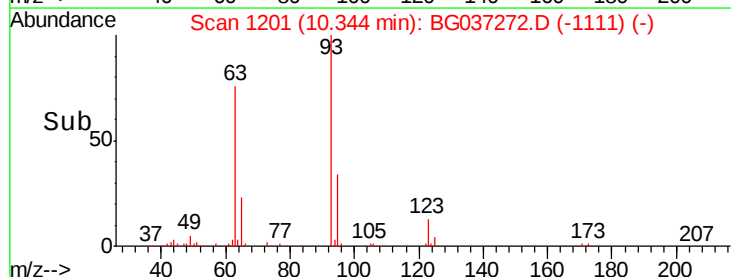
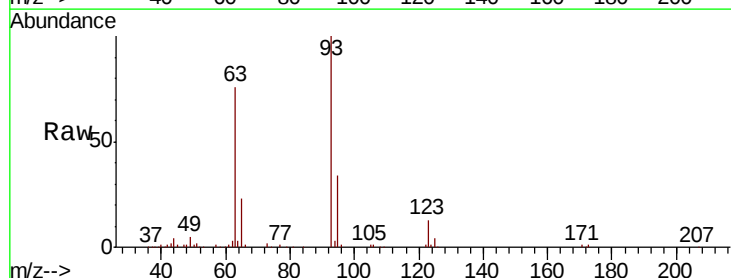
Instrument :
BNA_G
ClientSampleId :
PB113698BSD

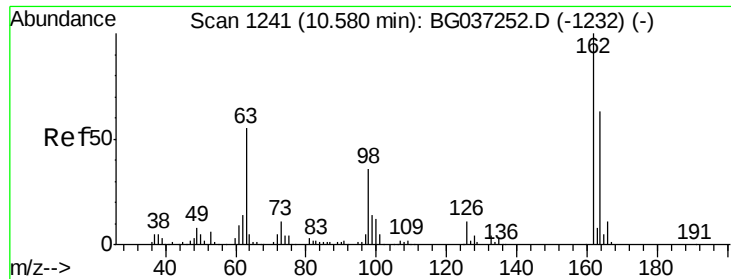
Tgt Ion: 122 Resp: 145309
Ion Ratio Lower Upper
122 100
107 116.9 94.2 141.2
121 60.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 34.529 ng
RT: 10.34 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion: 93 Resp: 182501
Ion Ratio Lower Upper
93 100
95 34.3 24.6 37.0
123 12.6 9.1 13.7

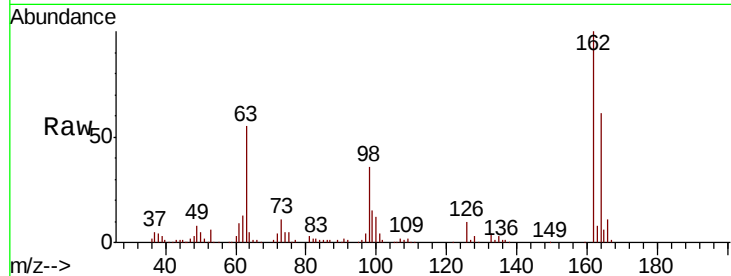




#29
 2,4-Dichlorophenol
 Concen: 39.319 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.7	43.2	83.2
98	35.6	16.0	56.0

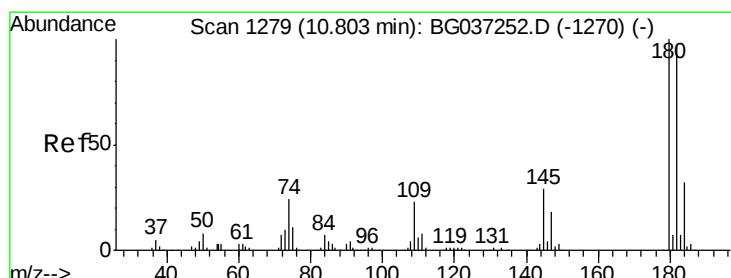
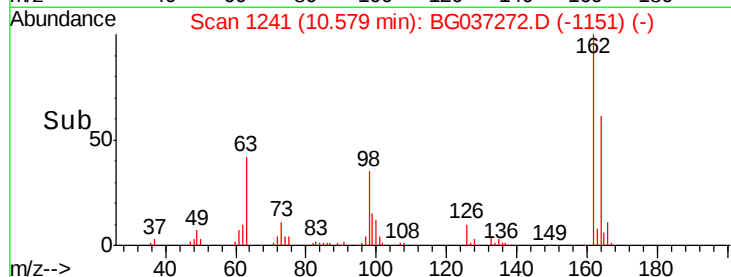
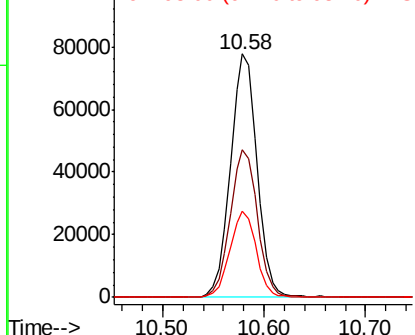


Abundance

Ion 162.00 (161.70 to 162.70): E

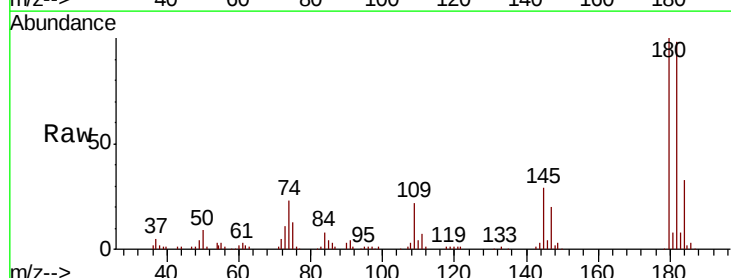
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 31.232 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.7	116.5
145	28.9	23.3	34.9

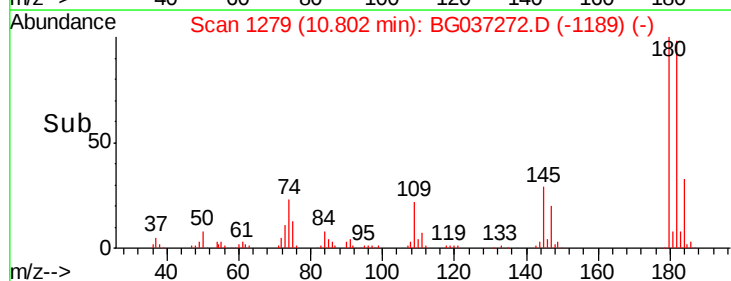
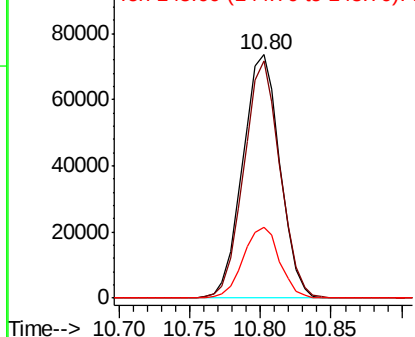


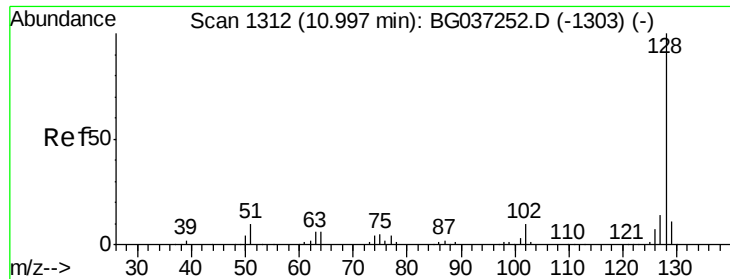
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

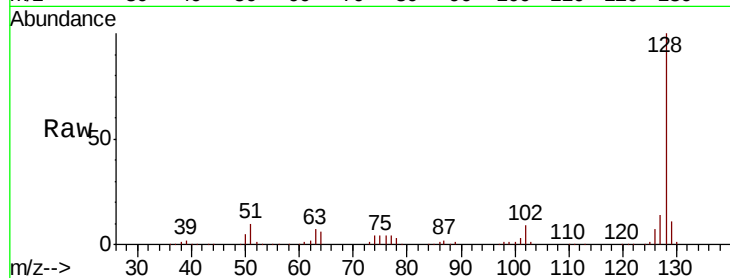




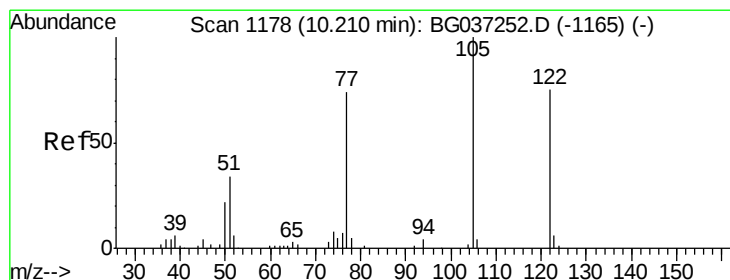
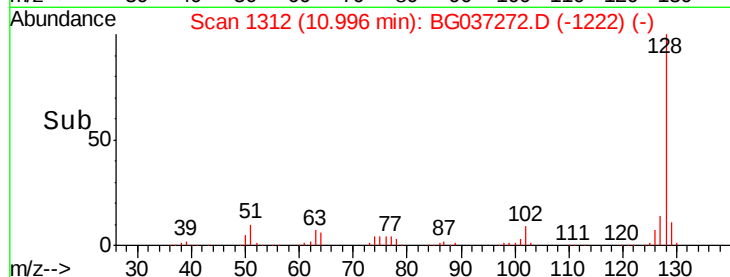
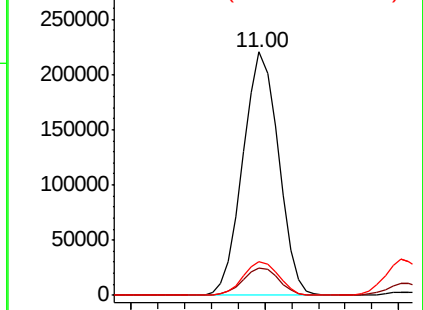
#31
Naphthalene
Concen: 34.474 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113698BSD

Tgt Ion:128 Resp: 407618
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 11.1 16.7

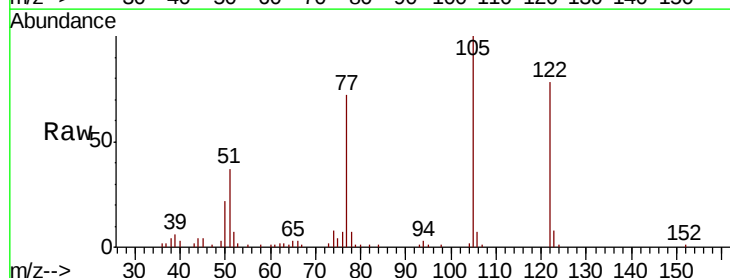


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

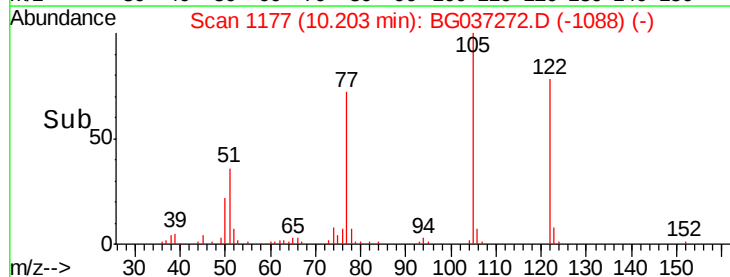
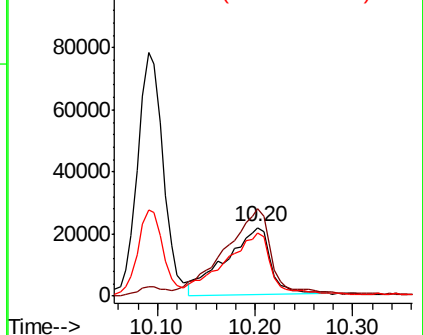


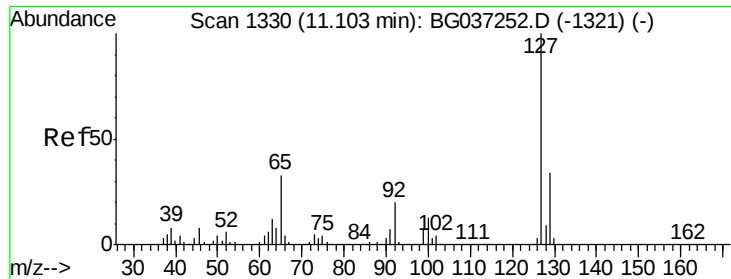
#32
Benzoic acid
Concen: 35.625 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion:122 Resp: 69461
Ion Ratio Lower Upper
122 100
105 127.6 106.7 146.7
77 92.0 72.2 112.2



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

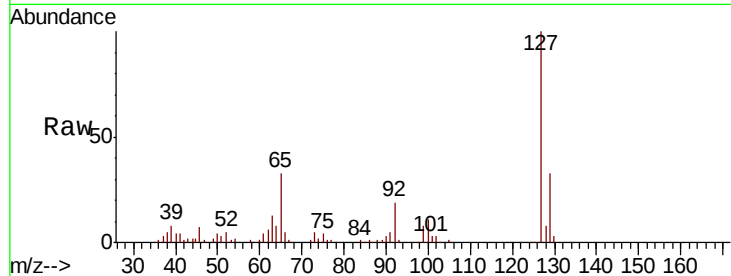




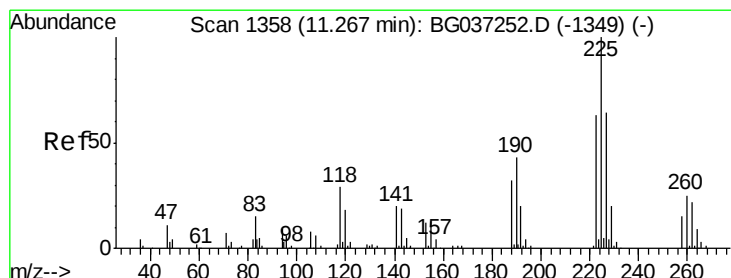
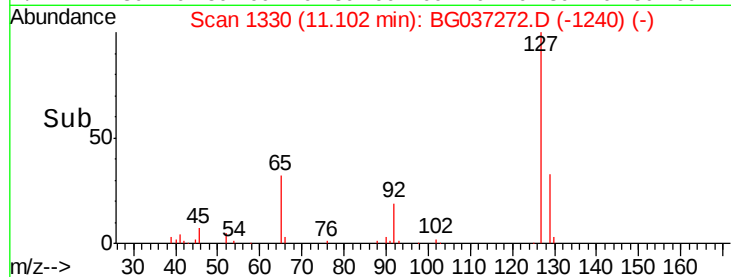
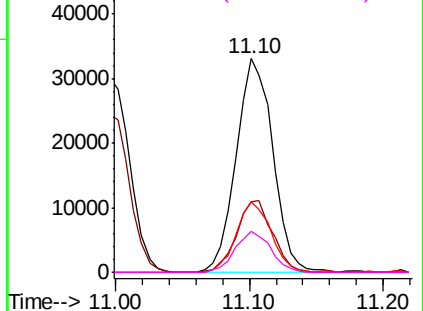
#33
4-Chloroaniline
Concen: 11.343 ng
RT: 11.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113698BSD

Tgt Ion:	127	Resp:	62914
Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.1	40.7
65	32.9	26.6	39.8
92	19.4	16.4	24.6

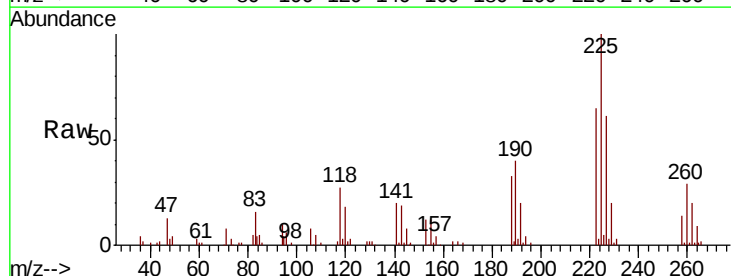


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

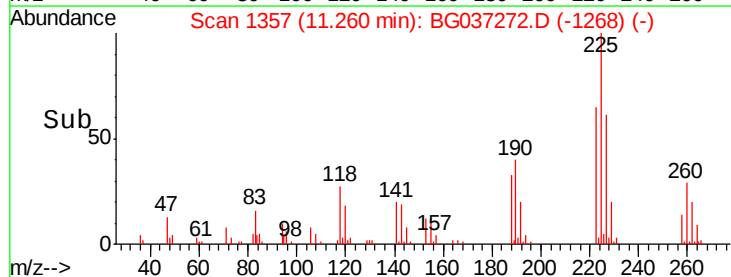
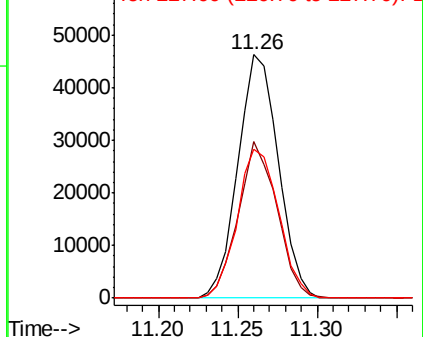


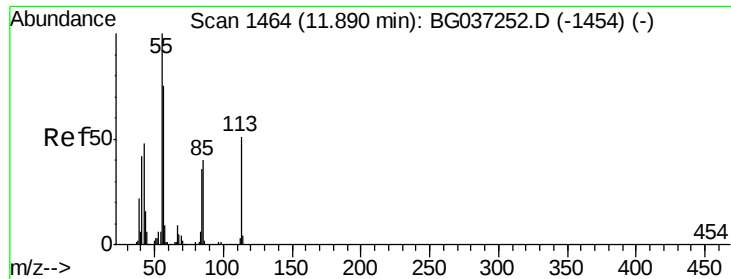
#34
Hexachlorobutadiene
Concen: 30.273 ng
RT: 11.26 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion:	225	Resp:	81998
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.2	72.4
227	61.0	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.632 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

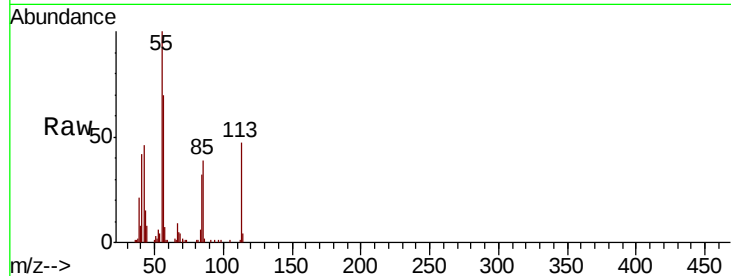
Tgt Ion:113 Resp: 28687

Ion Ratio Lower Upper

113 100

55 213.3 176.6 216.6

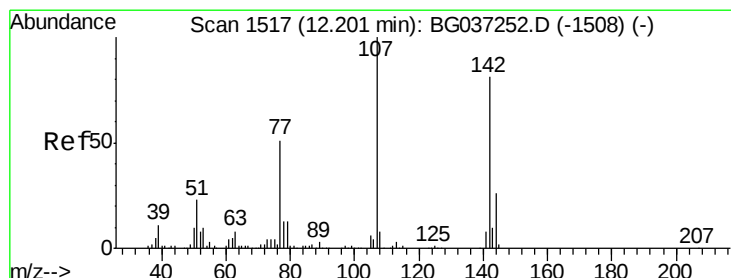
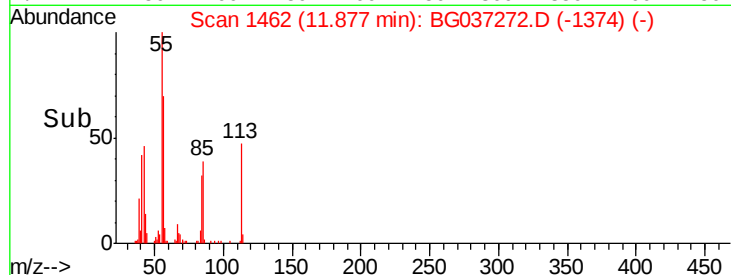
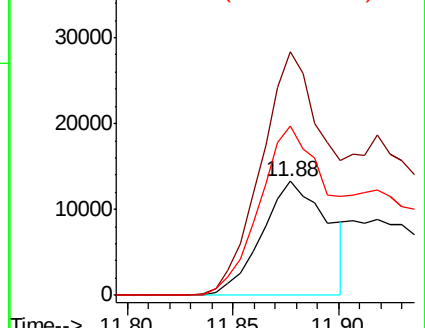
56 148.7 128.3 168.3



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: 37.613 ng

RT: 12.20 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

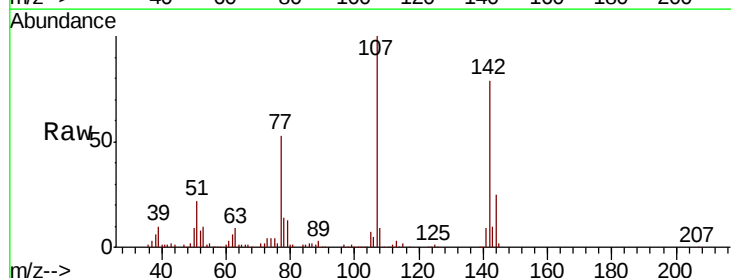
Tgt Ion:107 Resp: 159226

Ion Ratio Lower Upper

107 100

144 24.6 20.7 31.1

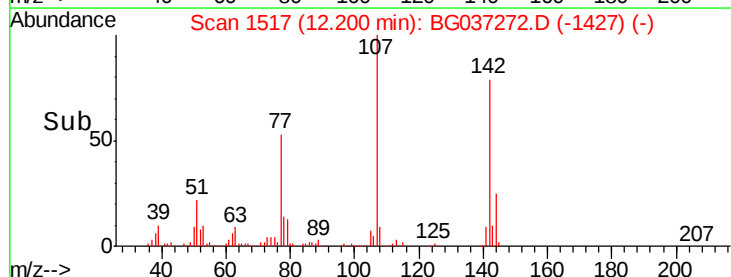
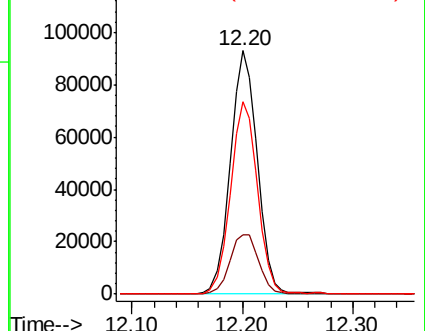
142 78.8 64.4 96.6

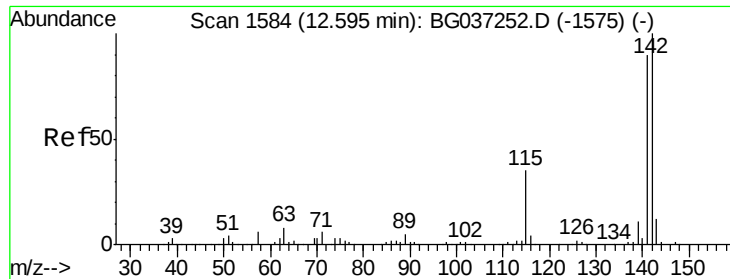


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

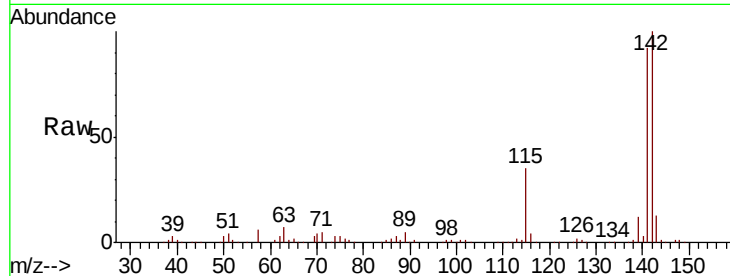




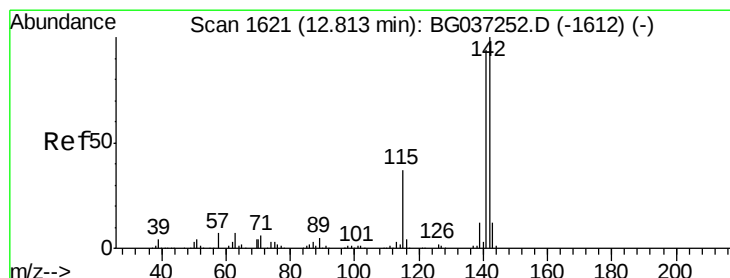
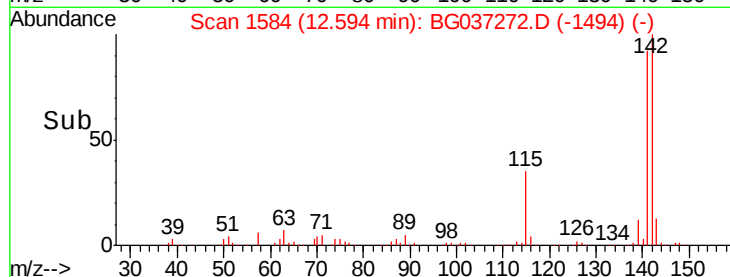
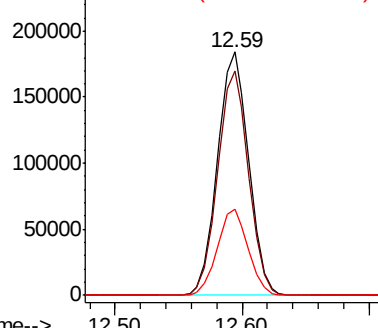
#37
2-Methylnaphthalene
Concen: 36.327 ng
RT: 12.59 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113698BSD

Tgt Ion:142 Resp: 313460
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9
115 35.4 27.8 41.8

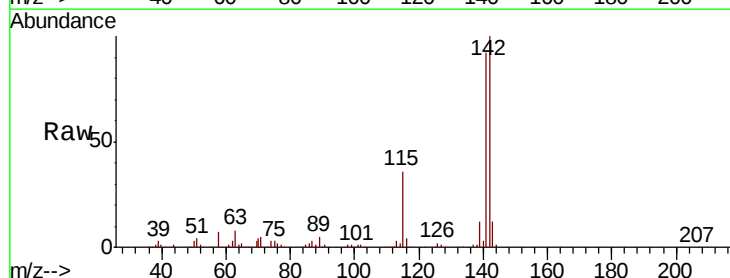


Abundance Ion 142.00 (141.70 to 142.70): E
250000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

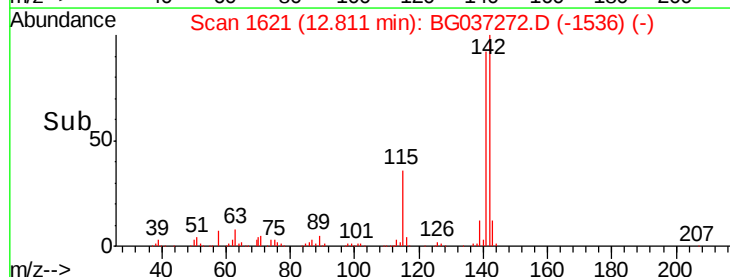
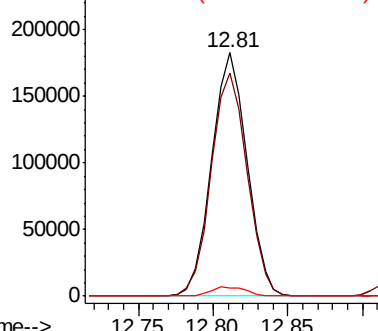


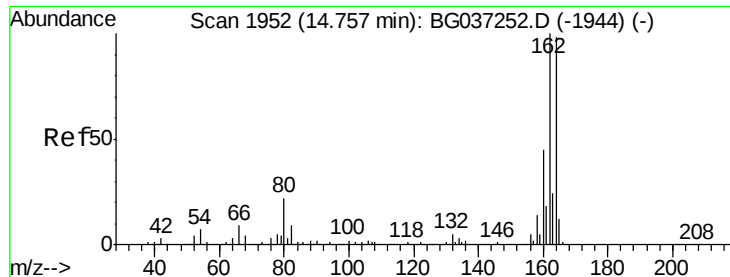
#38
1-Methylnaphthalene
Concen: 35.543 ng
RT: 12.81 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion:142 Resp: 299542
Ion Ratio Lower Upper
142 100
141 91.9 75.2 112.8
116 3.6 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
250000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

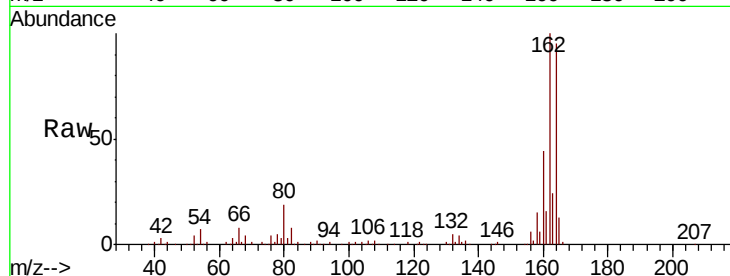
Tgt Ion:164 Resp: 164627

Ion Ratio Lower Upper

164 100

162 105.8 81.3 121.9

160 46.3 36.3 54.5

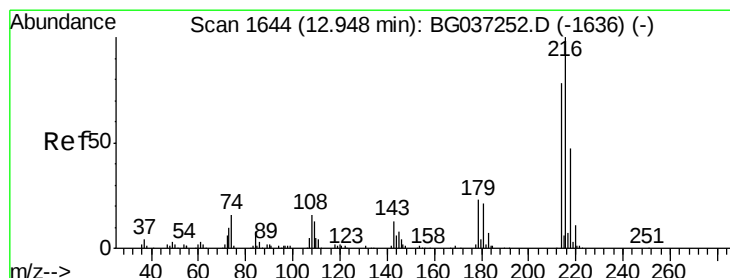
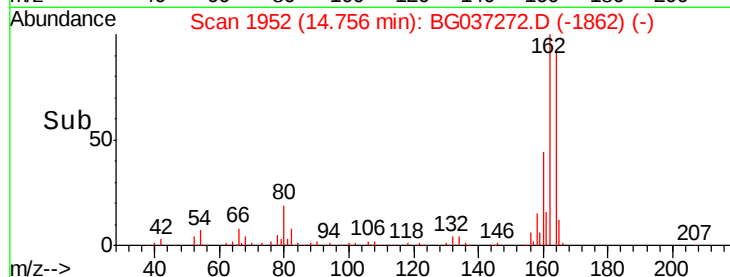
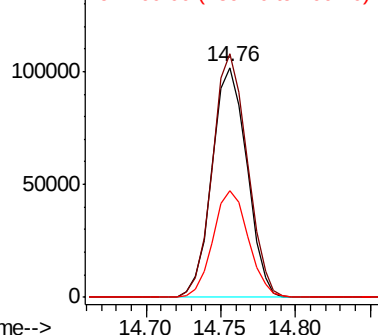


Abundance

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: 30.491 ng

RT: 12.95 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Tgt Ion:216 Resp: 162558

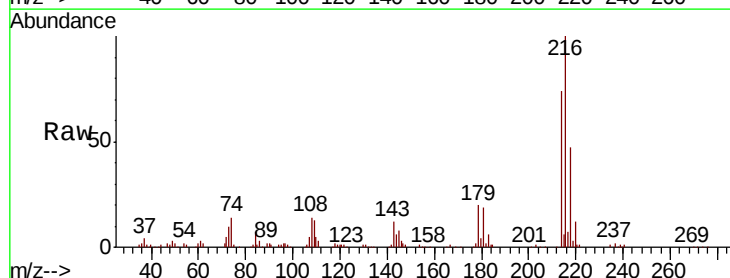
Ion Ratio Lower Upper

216 100

214 77.5 63.8 95.6

179 20.6 17.4 26.0

108 18.9 13.9 20.9



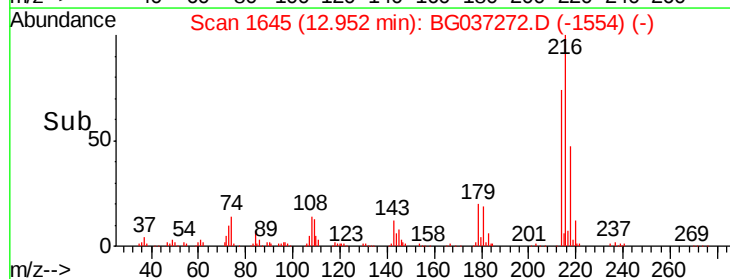
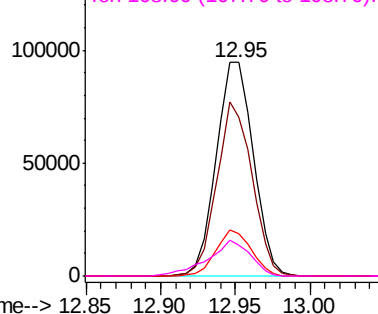
Abundance

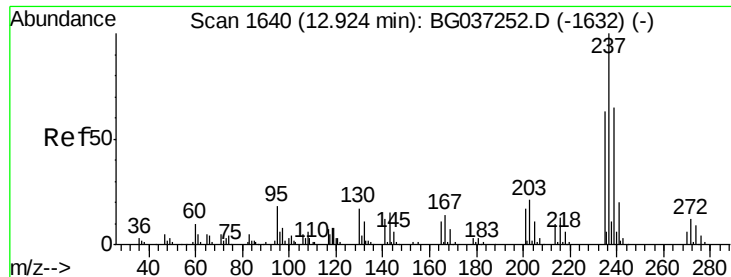
Ion 216.00 (215.70 to 216.70): E

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: 76.331 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampled :

PB113698BSD

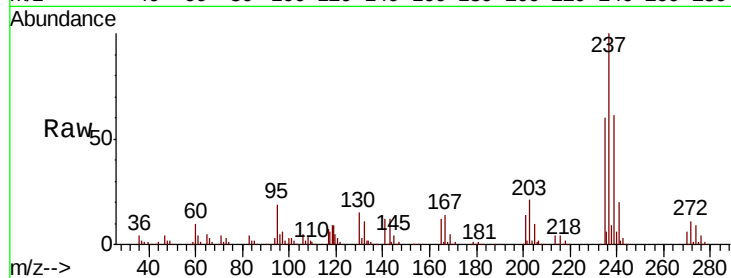
Tgt Ion: 237 Resp: 167763

Ion Ratio Lower Upper

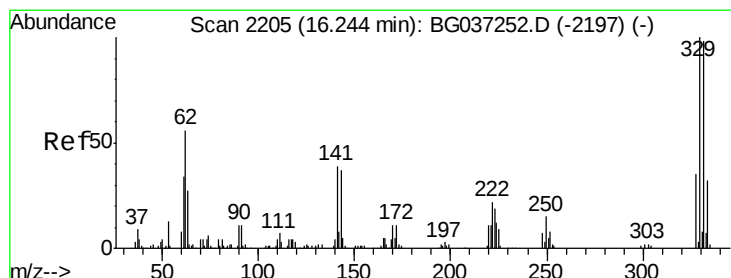
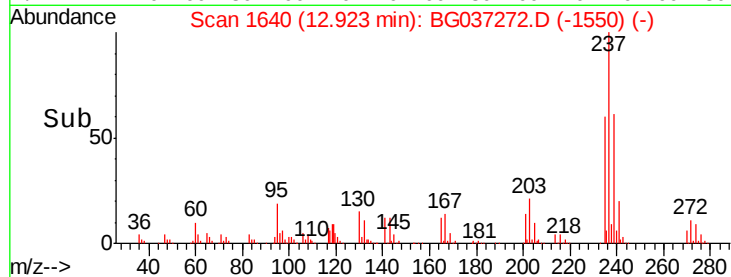
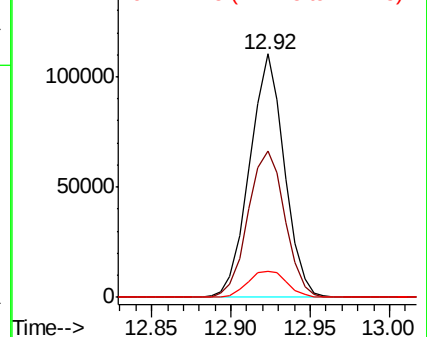
237 100

235 60.3 42.5 82.5

272 10.9 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 100.951 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

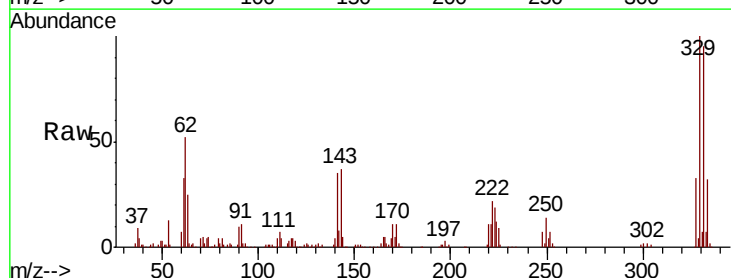
Tgt Ion: 330 Resp: 162989

Ion Ratio Lower Upper

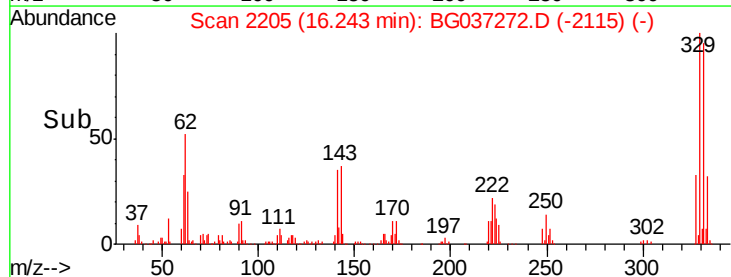
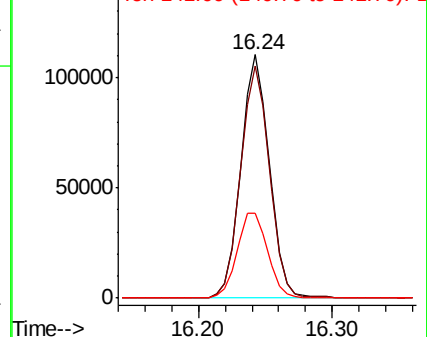
330 100

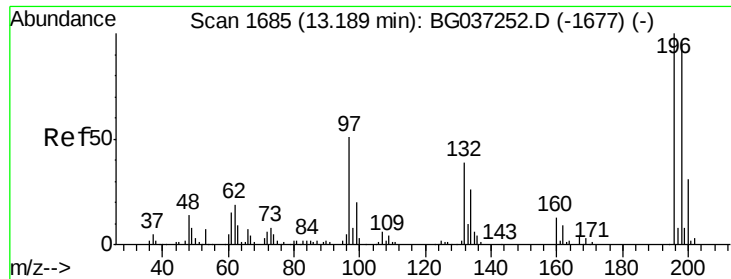
332 96.7 78.4 117.6

141 38.0 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

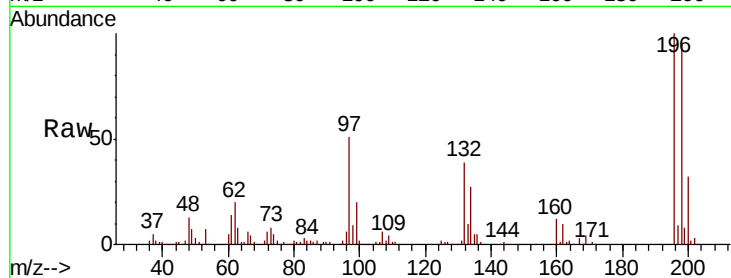




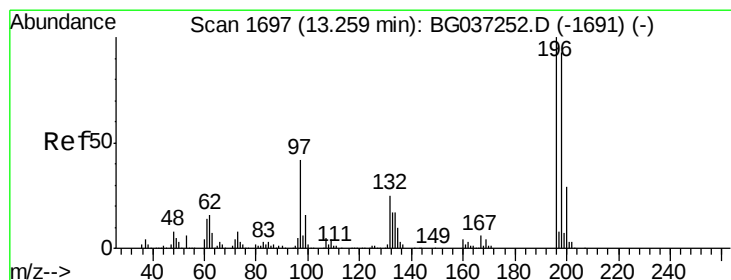
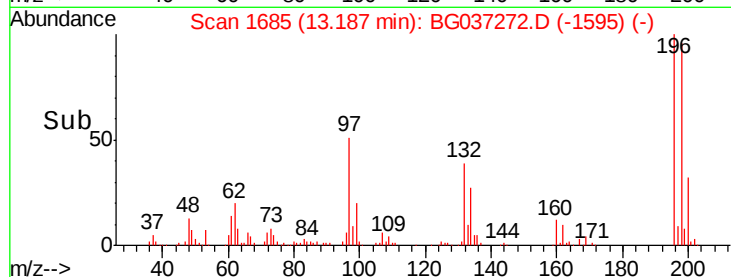
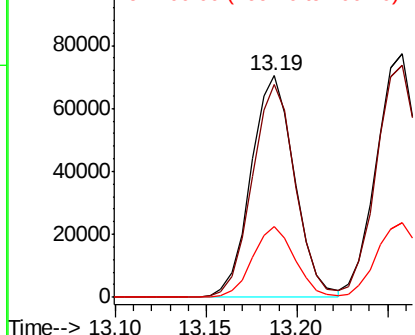
#43
 2,4,6-Trichlorophenol
 Concen: 37.985 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

Tgt Ion:196 Resp: 117478
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.4 114.6
 200 31.7 24.9 37.3

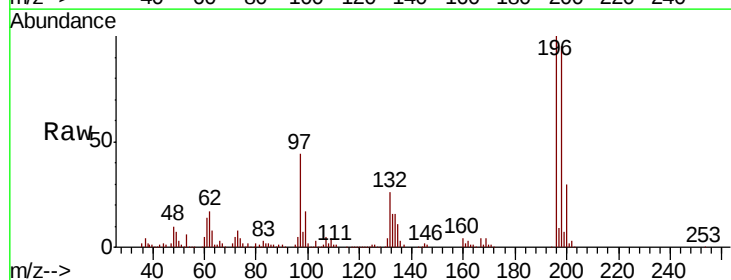


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

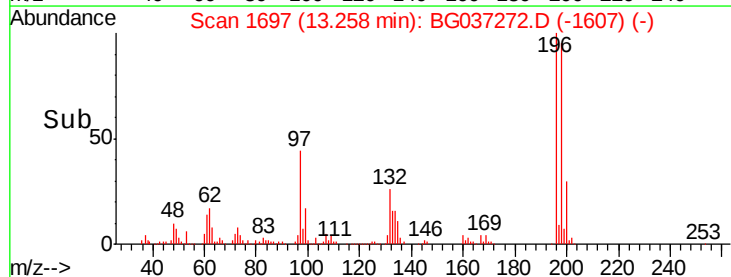
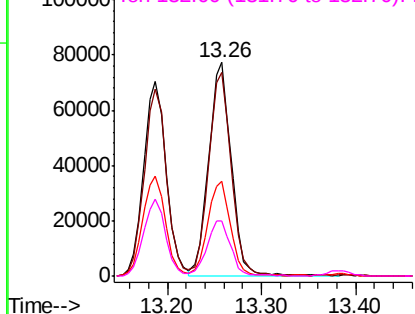


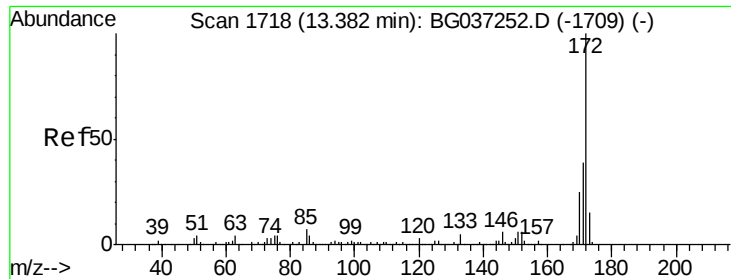
#44
 2,4,5-Trichlorophenol
 Concen: 39.227 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion:196 Resp: 130532
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.2 111.2
 97 44.1 34.1 51.1
 132 25.8 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

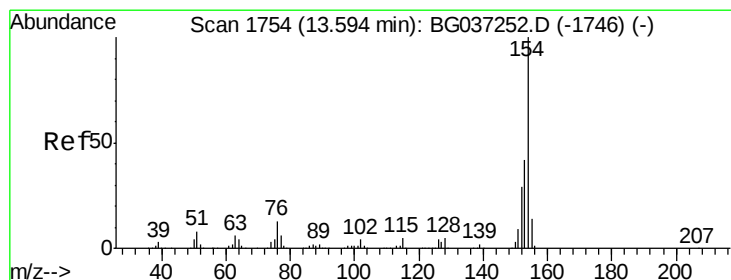
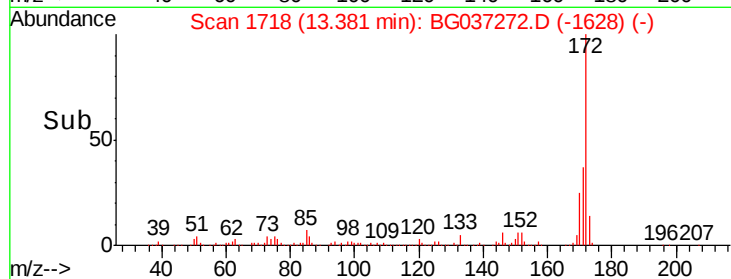
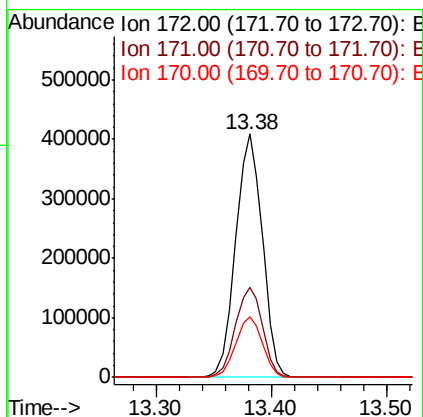
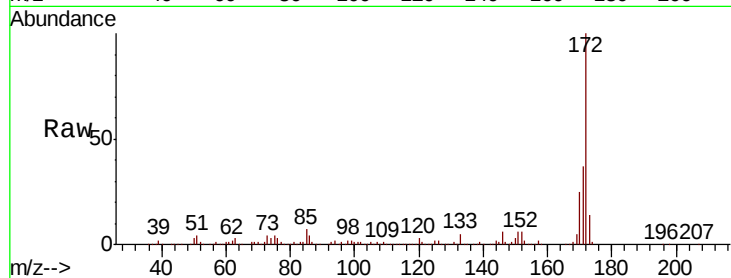




#45
2-Fluorobiphenyl
Concen: 59.585 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

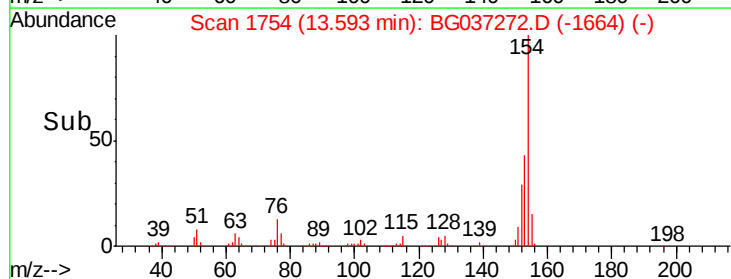
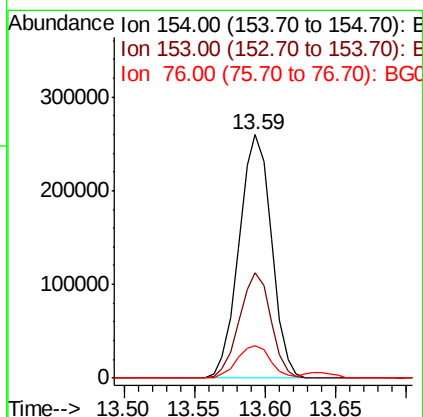
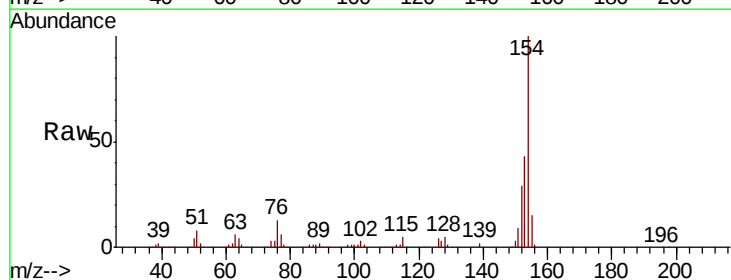
Instrument :
BNA_G
ClientSampleId :
PB113698BSD

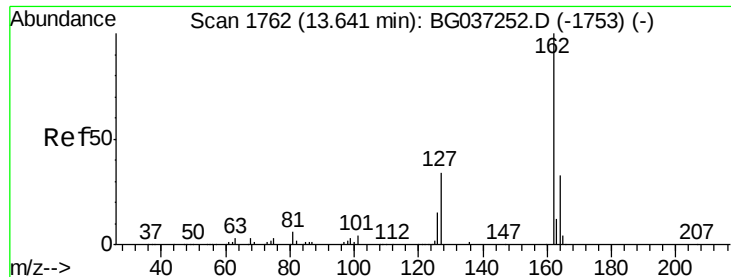
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	24.8	20.2	30.2



#46
1,1'-Biphenyl
Concen: 30.823 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.1	62.1
76	13.2	0.0	33.2

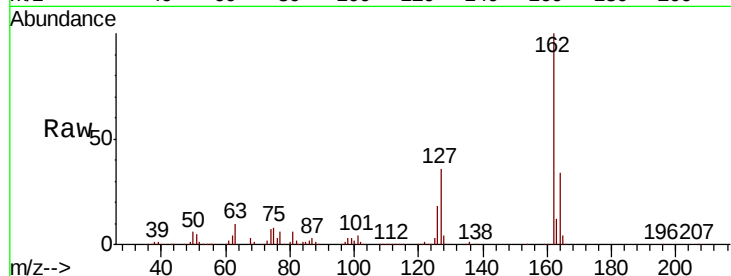




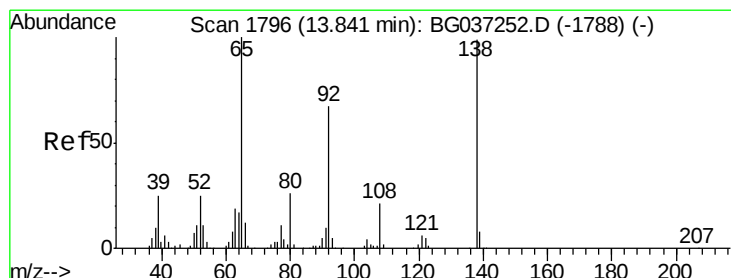
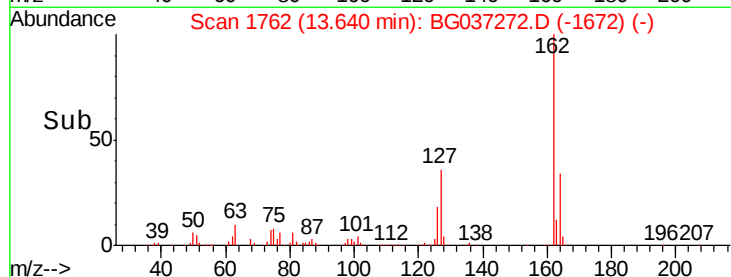
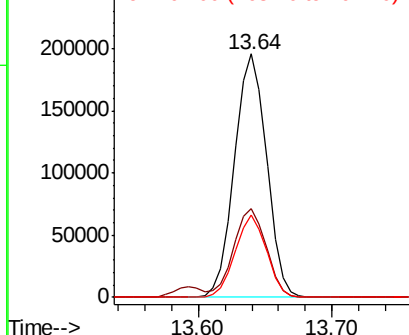
#47
 2-Chloronaphthalene
 Concen: 31.911 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

Tgt Ion: 162 Resp: 326424
 Ion Ratio Lower Upper
 162 100
 127 36.3 30.5 45.7
 164 33.9 26.4 39.6

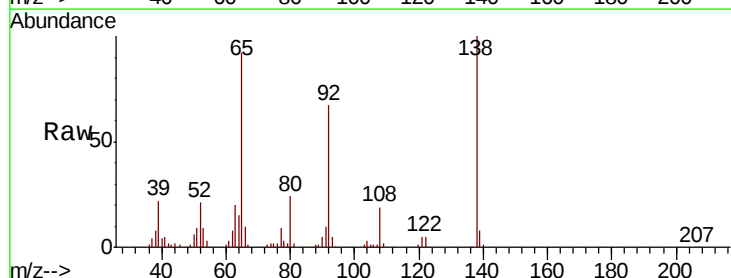


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

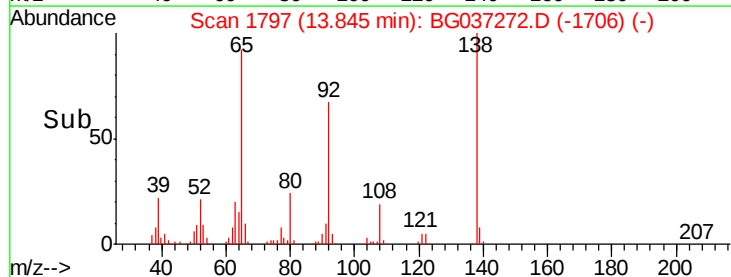
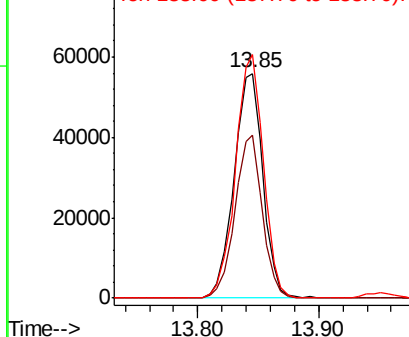


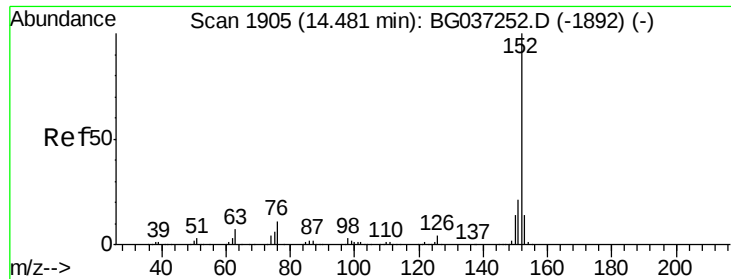
#48
 2-Nitroaniline
 Concen: 35.210 ng
 RT: 13.85 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion: 65 Resp: 92759
 Ion Ratio Lower Upper
 65 100
 92 72.4 53.2 79.8
 138 108.4 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: 35.392 ng

RT: 14.49 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

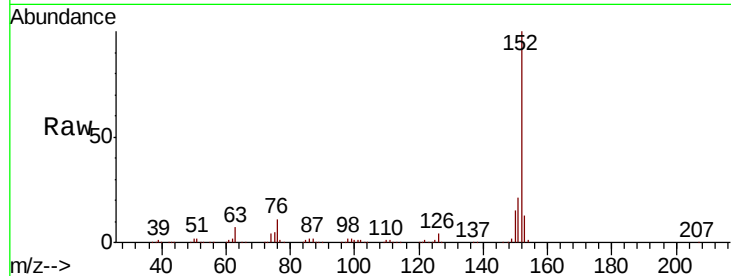
Tgt Ion:152 Resp: 553823

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

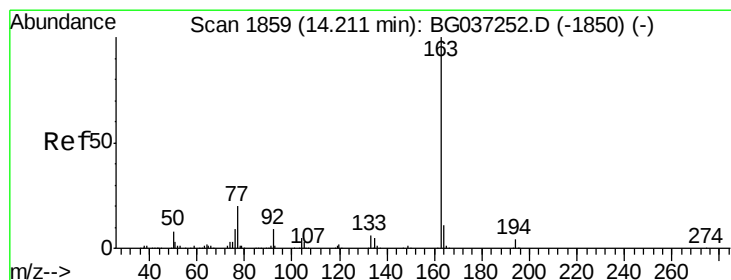
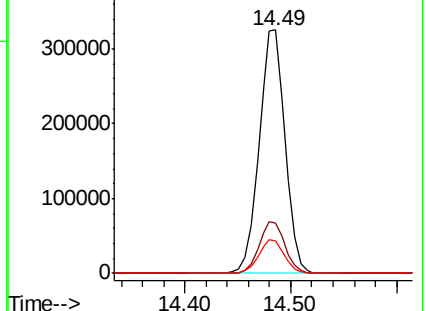
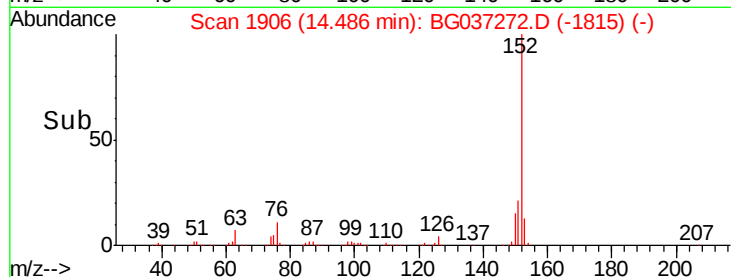
153 13.1 11.1 16.7



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: 35.109 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

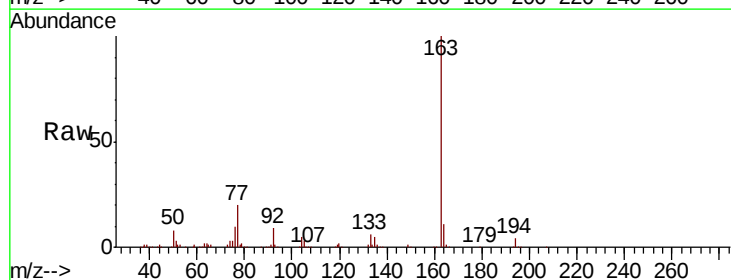
Tgt Ion:163 Resp: 454222

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

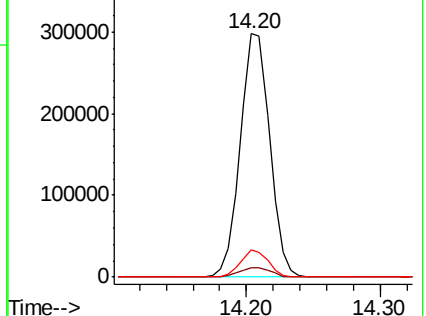
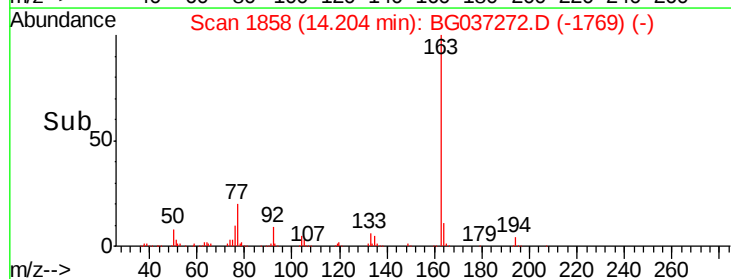
164 11.1 8.5 12.7

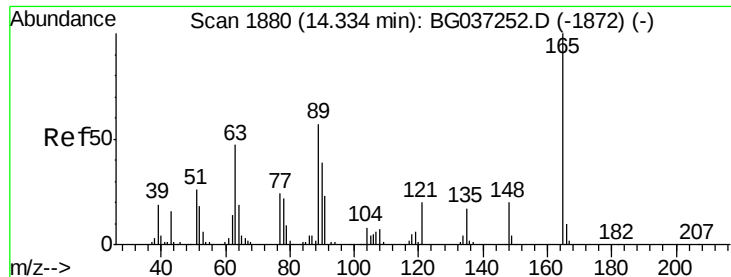


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.829 ng

RT: 14.33 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

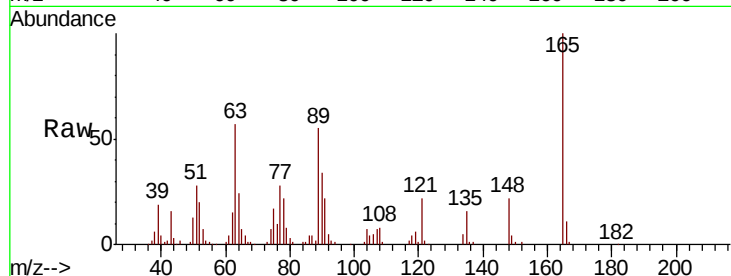
Tgt Ion:165 Resp: 86634

Ion Ratio Lower Upper

165 100

63 57.2 43.4 65.2

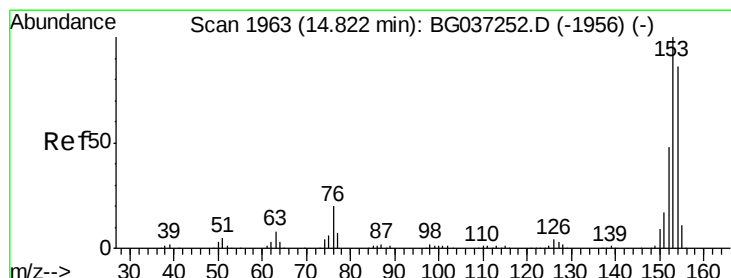
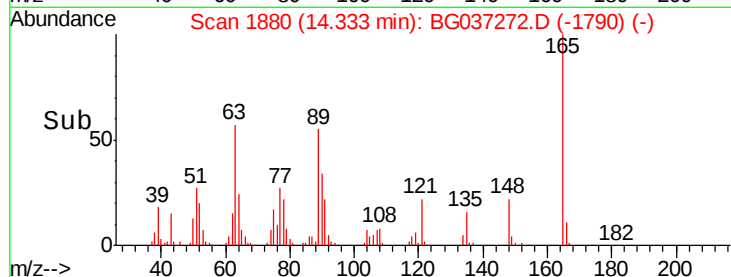
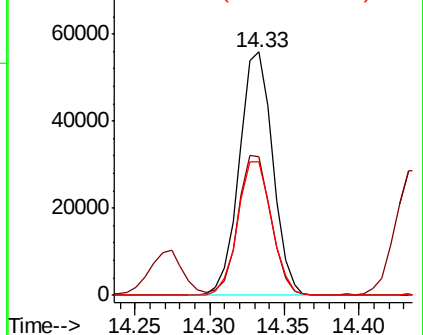
89 55.1 45.8 68.6



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: 33.316 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

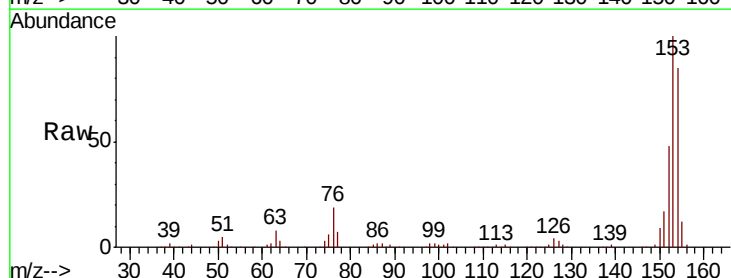
Tgt Ion:154 Resp: 322025

Ion Ratio Lower Upper

154 100

153 117.1 93.4 140.0

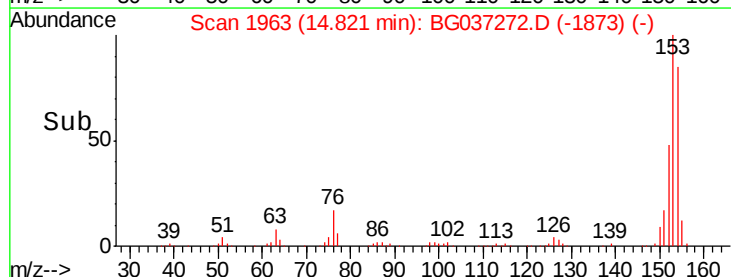
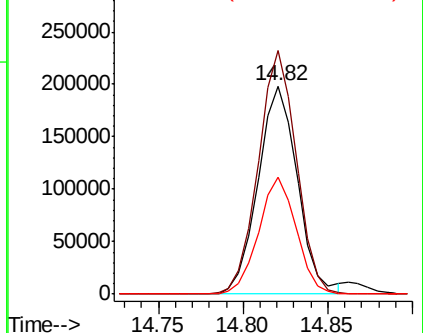
152 56.5 44.7 67.1

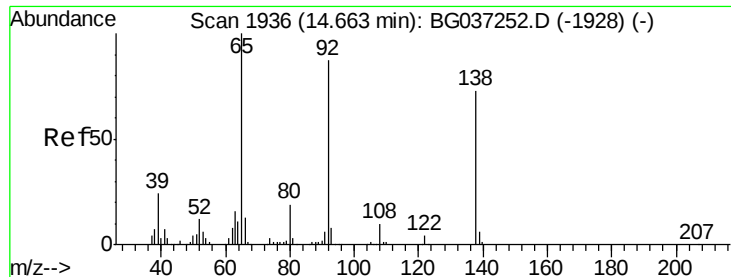


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

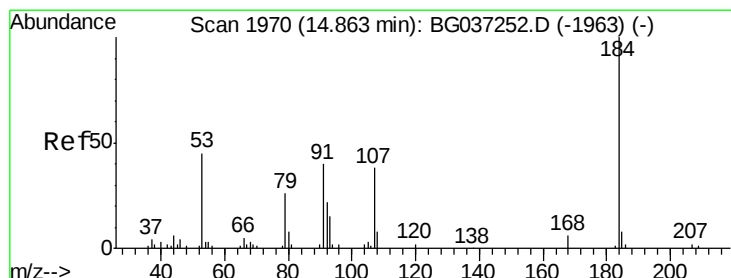
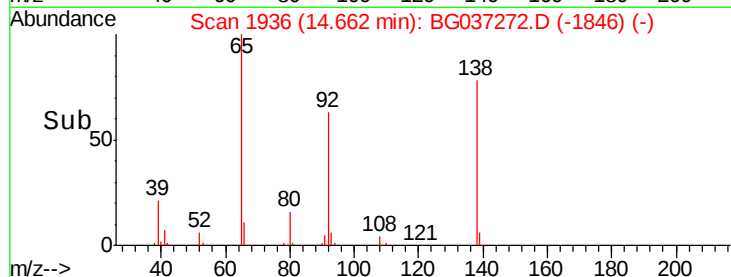
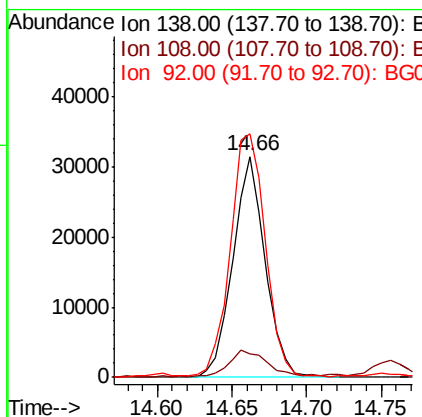
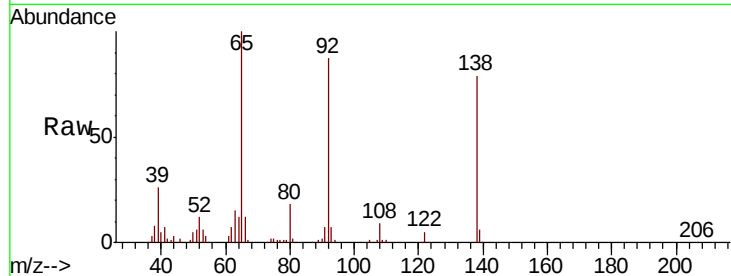




#53
3-Nitroaniline
Concen: 17.488 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

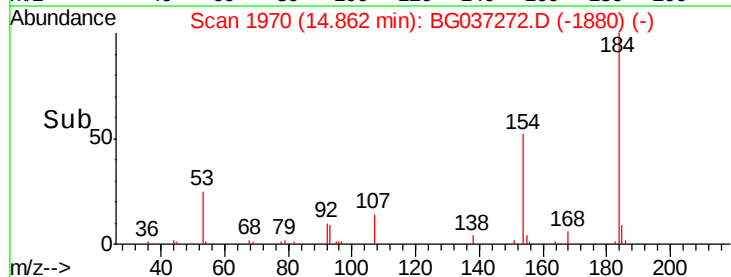
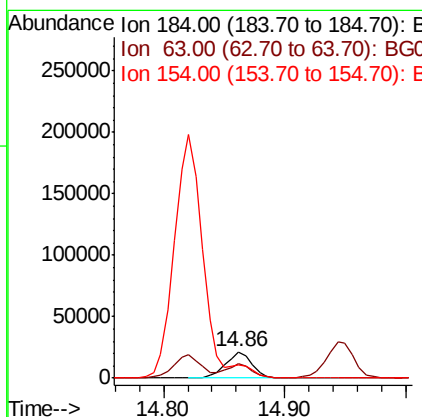
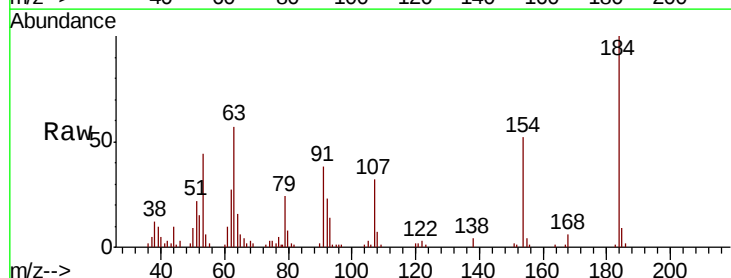
Instrument :
BNA_G
ClientSampleId :
PB113698BSD

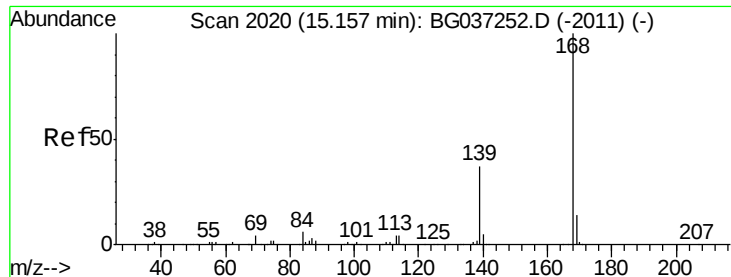
Tgt Ion:138 Resp: 47337
Ion Ratio Lower Upper
138 100
108 10.9 11.0 16.6#
92 110.3 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 50.742 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion:184 Resp: 32849
Ion Ratio Lower Upper
184 100
63 56.8 42.6 63.8
154 52.0 41.8 62.6

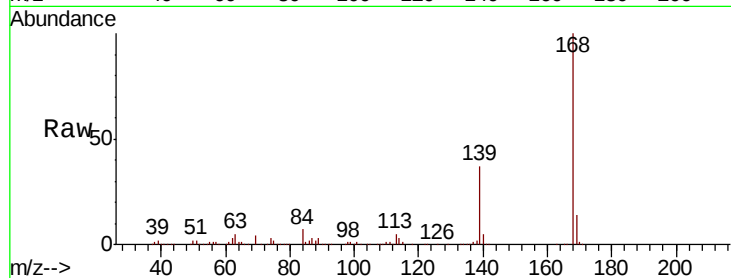




#55
Dibenzenofuran
Concen: 32.537 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113698BSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.4	44.0
169	14.2	11.0	16.6

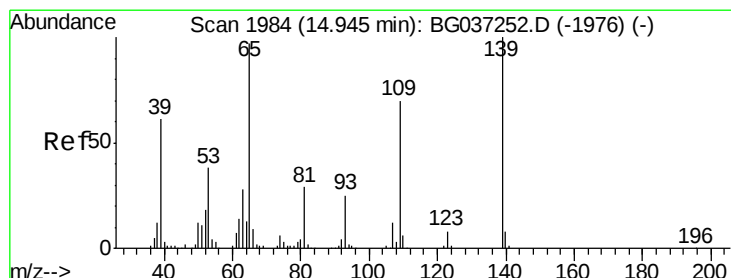
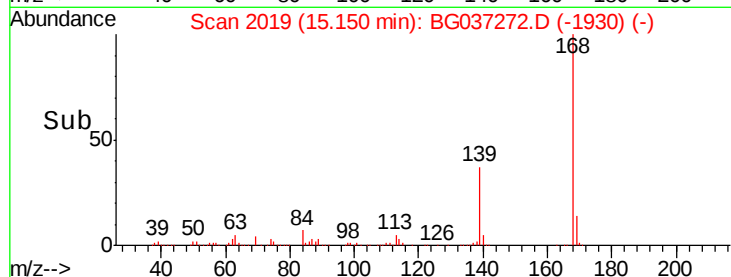
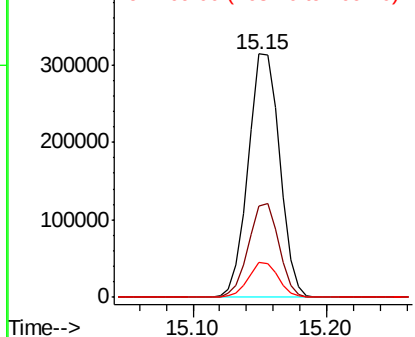


Abundance

Ion 168.00 (167.70 to 168.70): E

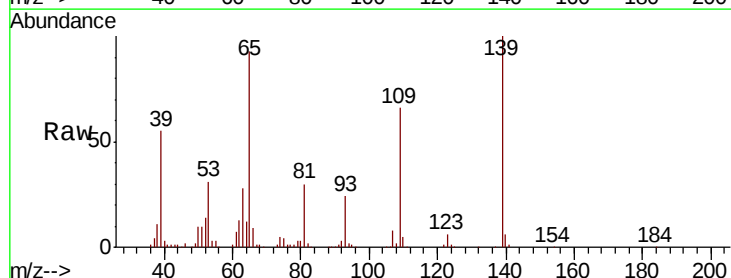
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 77.845 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	49.5	89.5
65	92.8	76.8	116.8

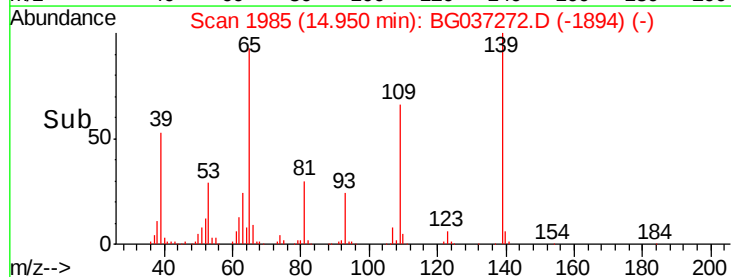
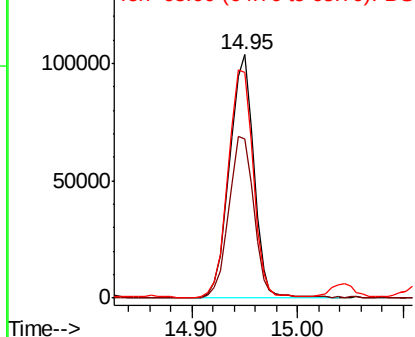


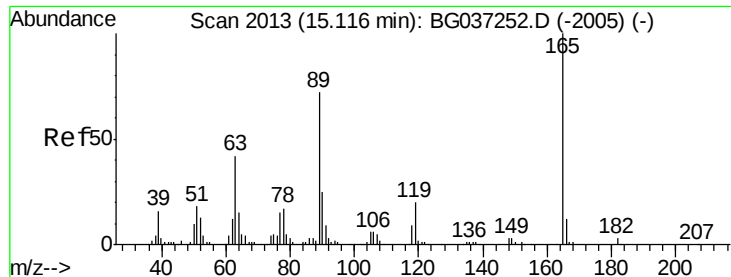
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

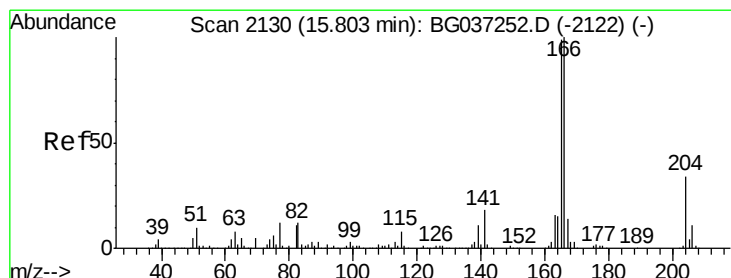
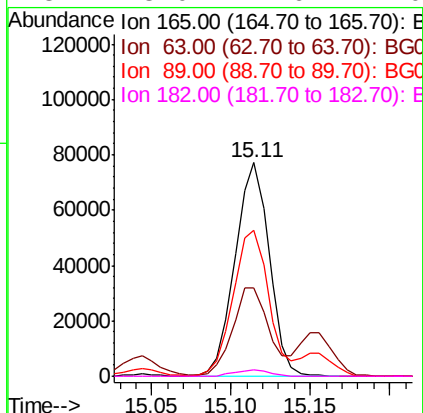
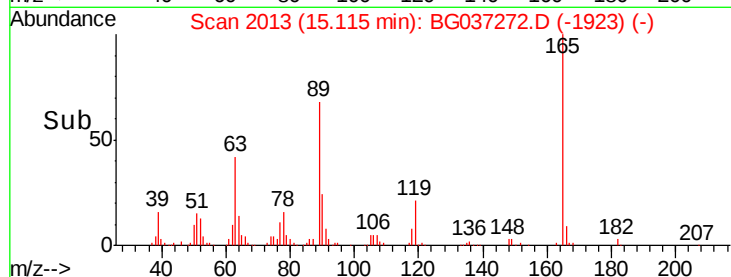
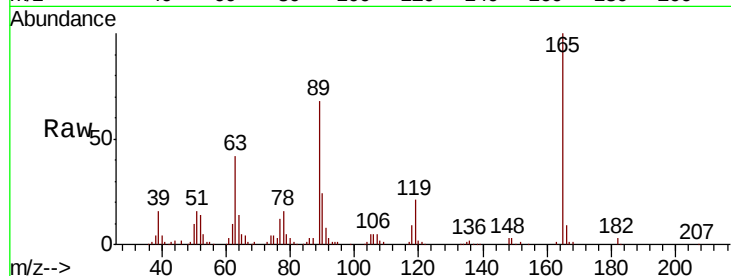




#57
2,4-Dinitrotoluene
Concen: 37.536 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

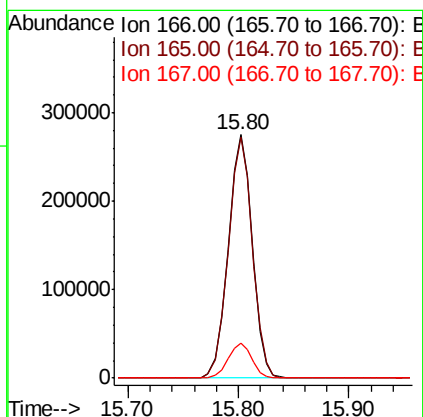
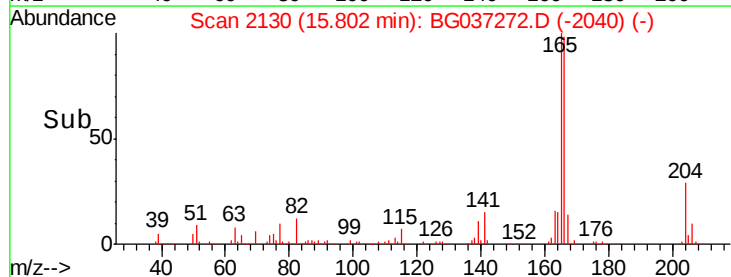
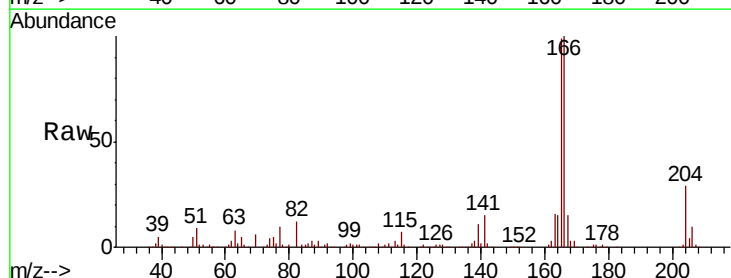
Instrument :
BNA_G
ClientSampleId :
PB113698BSD

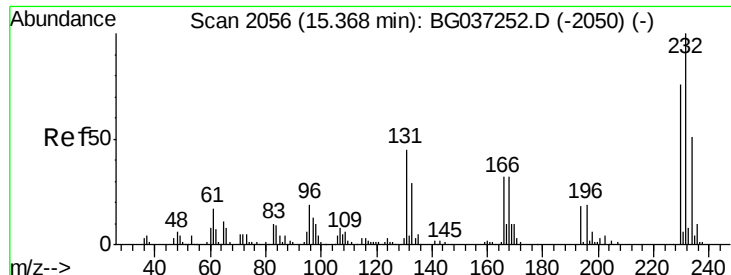
Tgt Ion:165 Resp: 115229
Ion Ratio Lower Upper
165 100
63 41.6 33.4 50.0
89 68.3 57.2 85.8
182 3.0 2.6 4.0



#58
Fluorene
Concen: 35.251 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion:166 Resp: 418142
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 14.5 11.3 16.9

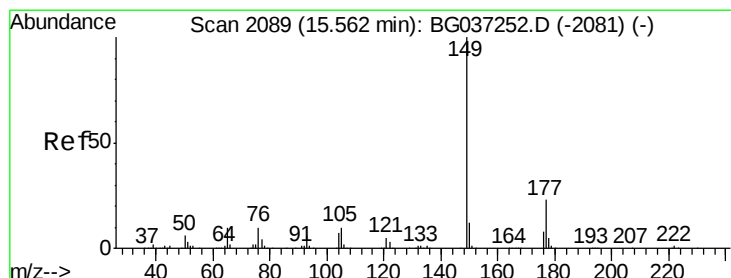
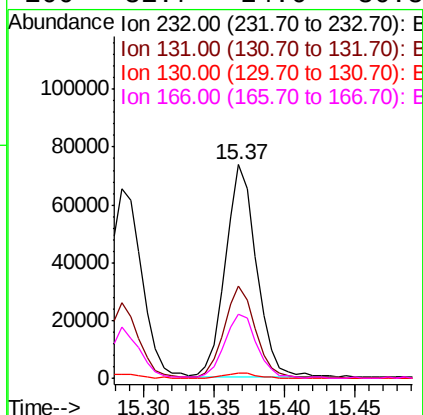
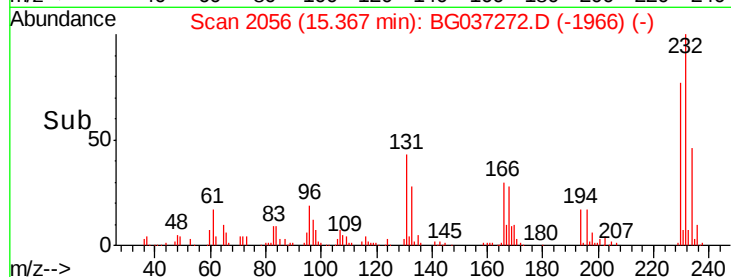
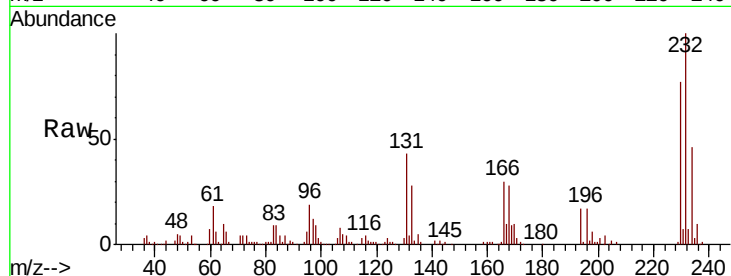




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.391 ng
 RT: 15.37 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

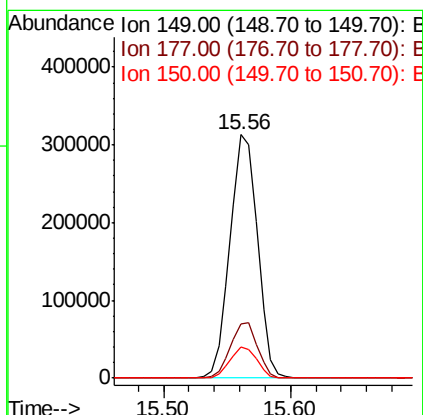
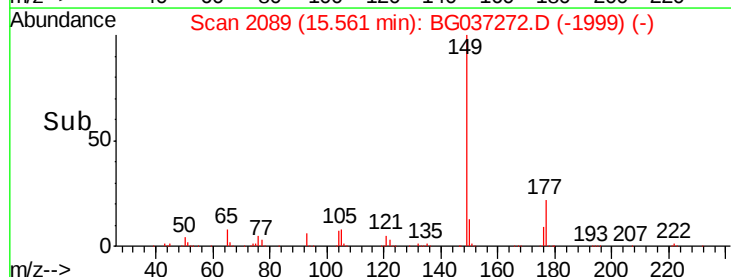
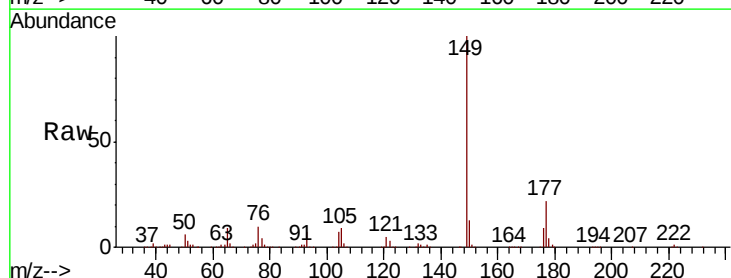
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

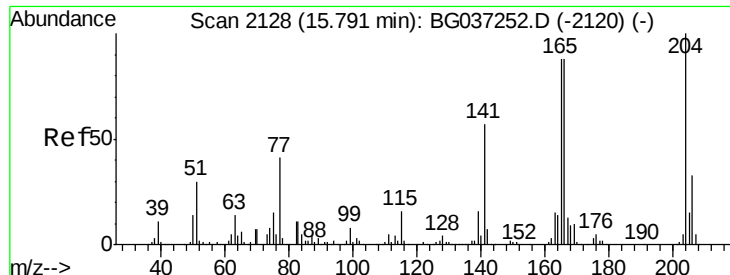
Tgt Ion:232 Resp: 113106
 Ion Ratio Lower Upper
 232 100
 131 44.7 33.7 50.5
 130 2.7 2.1 3.1
 166 31.7 24.6 36.8



#60
 Diethylphthalate
 Concen: 34.928 ng
 RT: 15.56 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion:149 Resp: 468314
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.3 27.5
 150 12.8 10.0 15.0

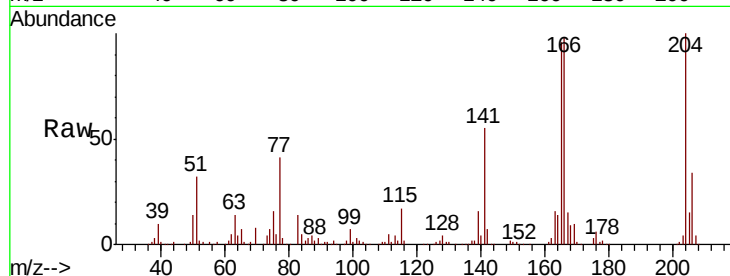




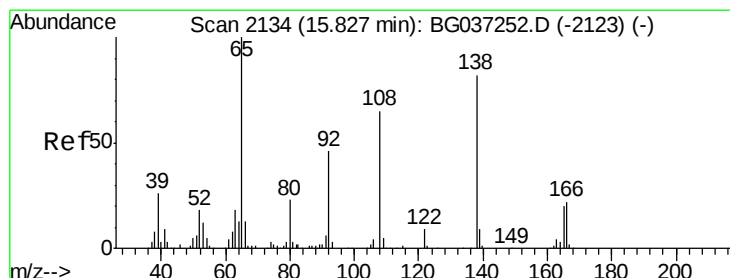
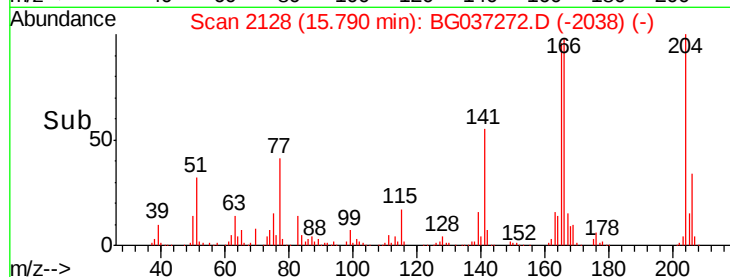
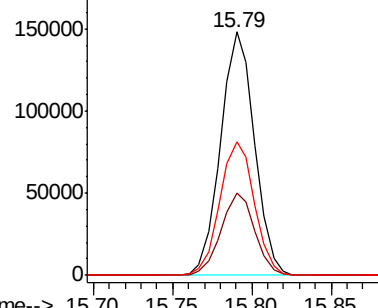
#61
 4-Chlorophenyl-phenylether
 Concen: 31.680 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

Tgt Ion: 204 Resp: 219651
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.6 39.8
 141 55.0 45.4 68.2

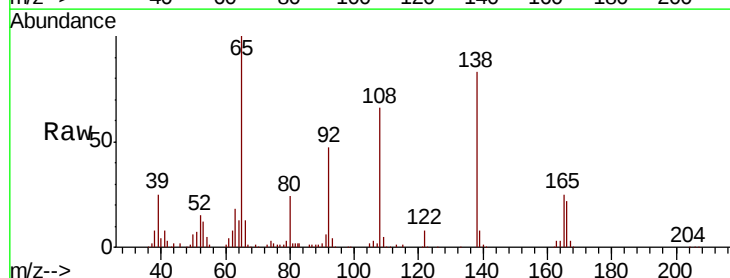


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

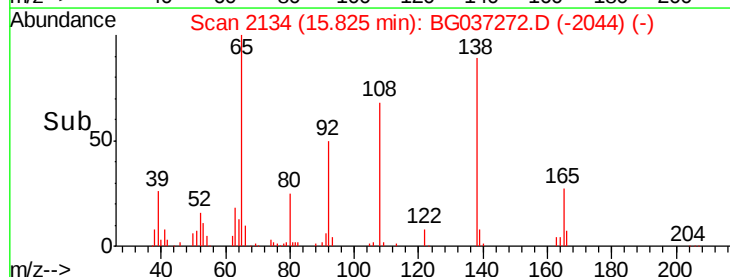
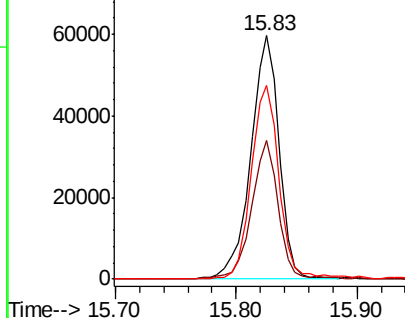


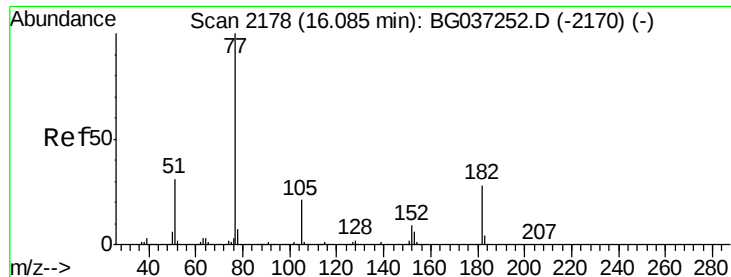
#62
 4-Nitroaniline
 Concen: 34.343 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion: 138 Resp: 97573
 Ion Ratio Lower Upper
 138 100
 92 56.7 36.4 76.4
 108 79.4 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: 33.322 ng

RT: 16.08 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

Tgt Ion: 77 Resp: 428360

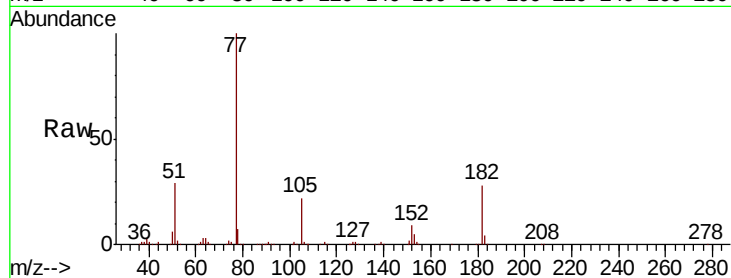
Ion Ratio Lower Upper

77 100

182 27.7 8.0 48.0

105 21.5 1.3 41.3

51 29.2 10.7 50.7

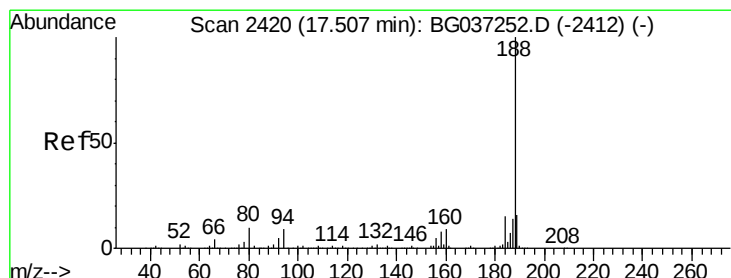
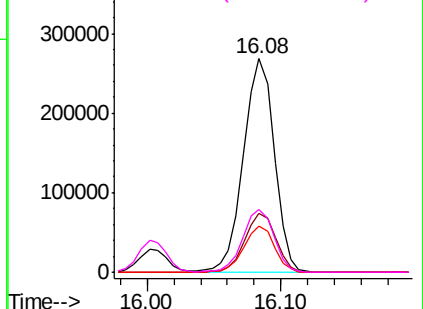
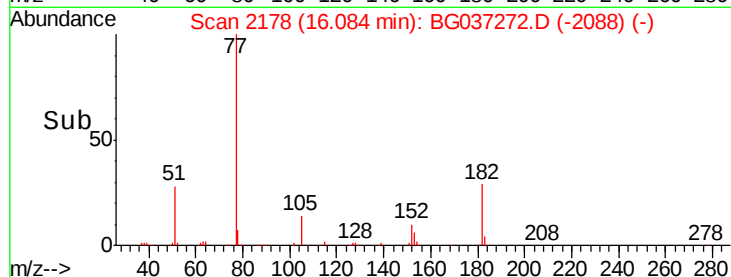


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.51 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

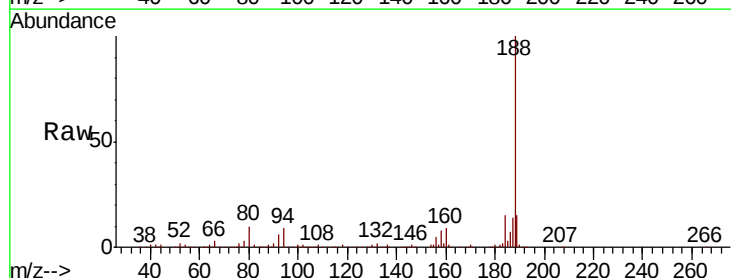
Tgt Ion: 188 Resp: 411539

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

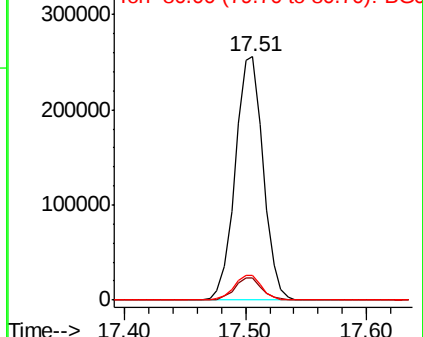
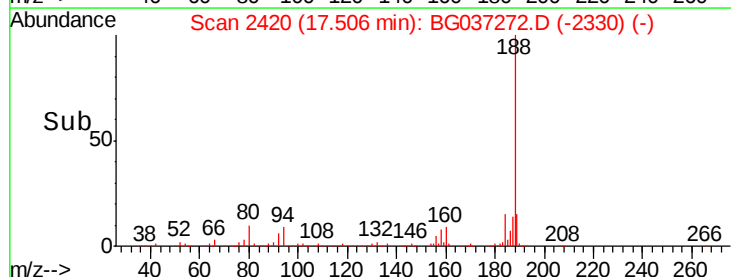
80 10.1 7.7 11.5

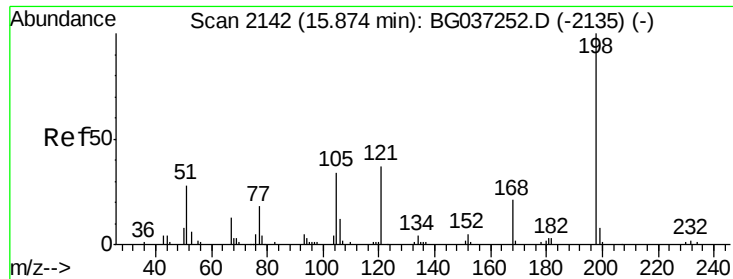


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 26.803 ng

RT: 15.87 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

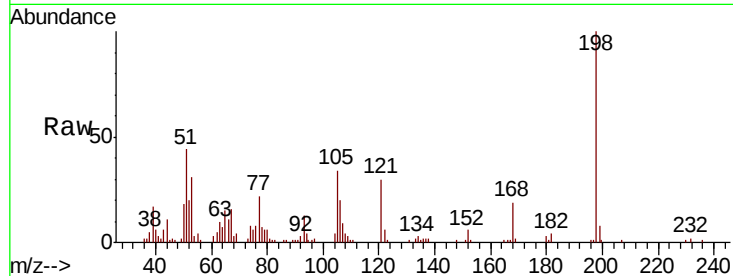
Tgt Ion:198 Resp: 30666

Ion Ratio Lower Upper

198 100

51 43.6 22.7 62.7

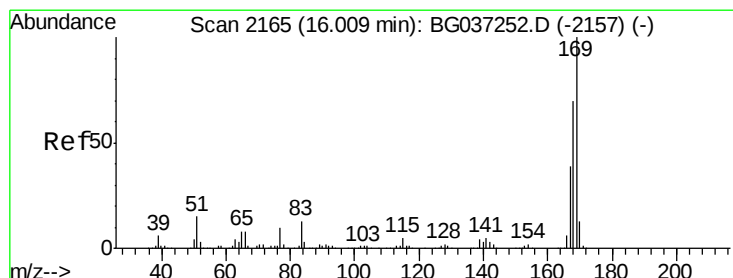
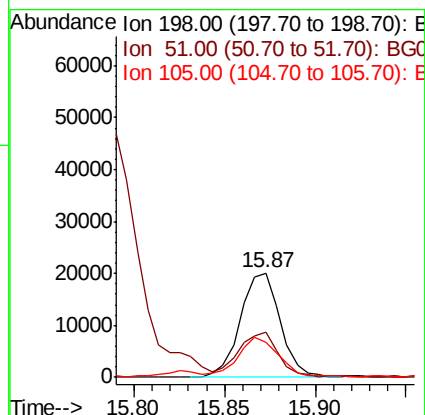
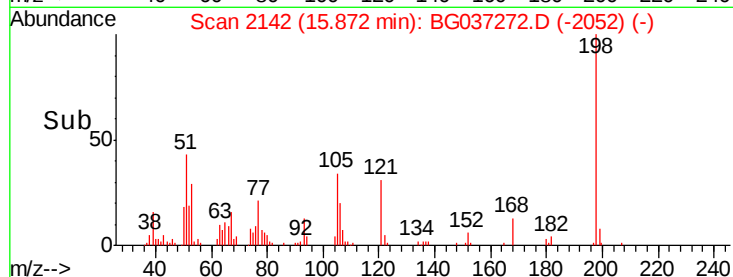
105 34.1 19.7 59.7



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: 32.344 ng

RT: 16.01 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

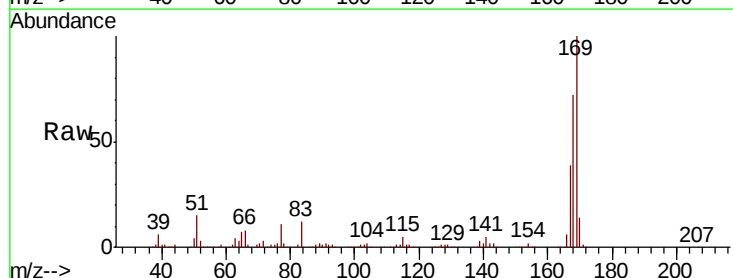
Tgt Ion:169 Resp: 390894

Ion Ratio Lower Upper

169 100

168 72.0 55.7 83.5

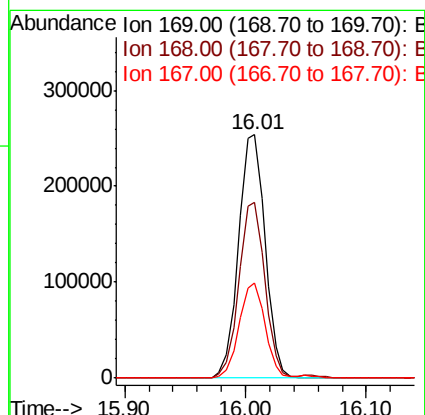
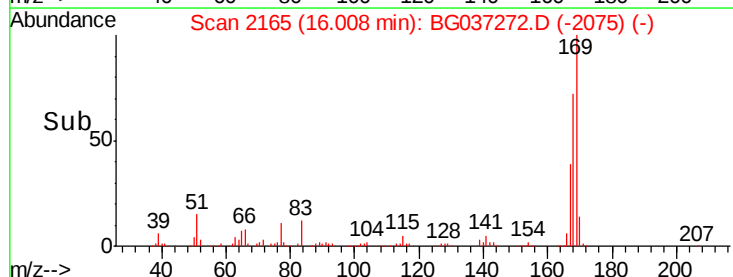
167 39.3 31.3 46.9

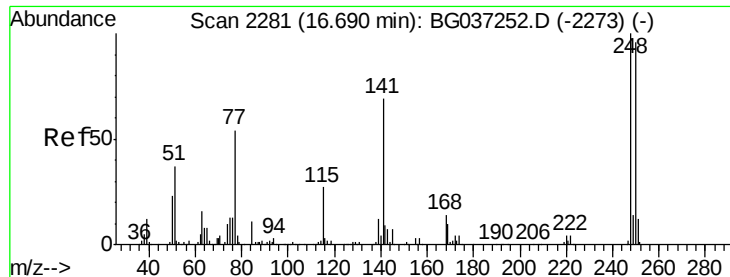


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

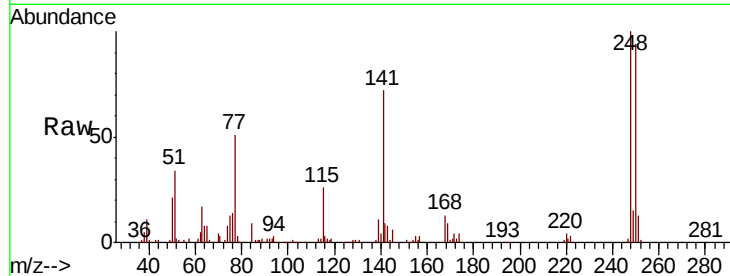




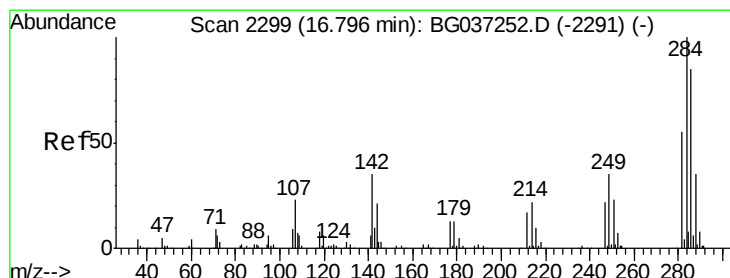
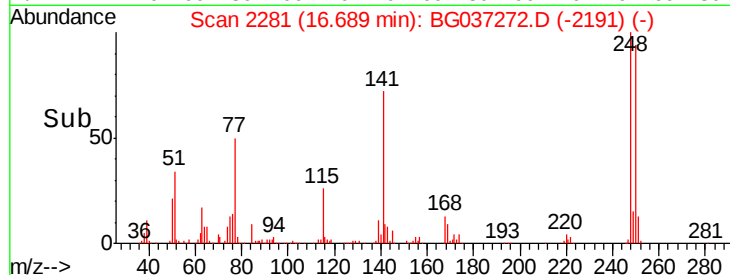
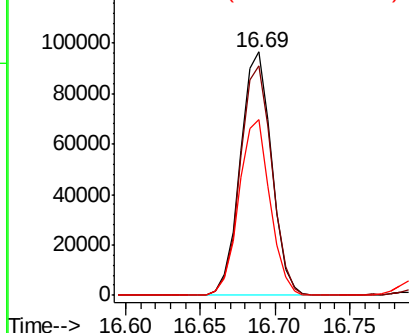
#67
4-Bromophenyl-phenylether
Concen: 31.513 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113698BSD

Tgt Ion:248 Resp: 139967
Ion Ratio Lower Upper
248 100
250 94.4 77.0 115.6
141 72.1 55.5 83.3

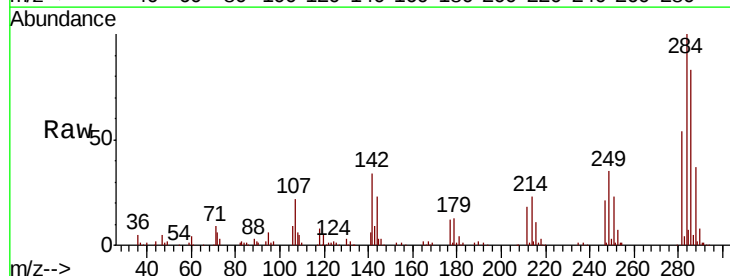


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

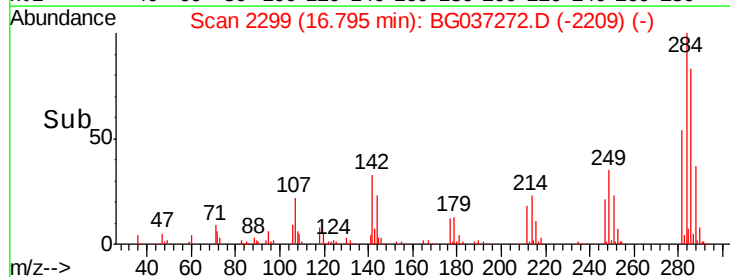
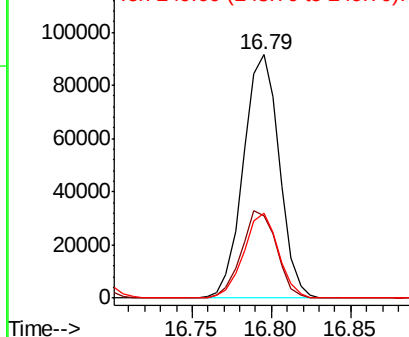


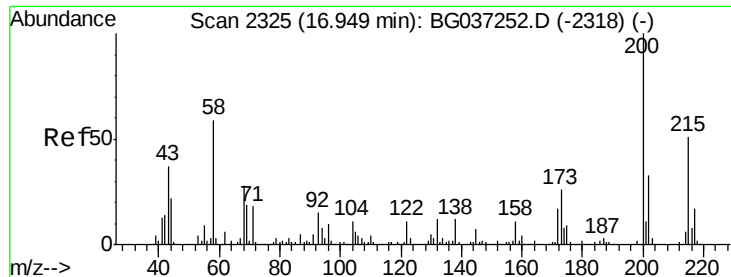
#68
Hexachlorobenzene
Concen: 31.145 ng
RT: 16.79 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion:284 Resp: 143425
Ion Ratio Lower Upper
284 100
142 33.8 28.1 42.1
249 37.5 29.8 44.8



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





#69

Atrazine

Concen: 33.951 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

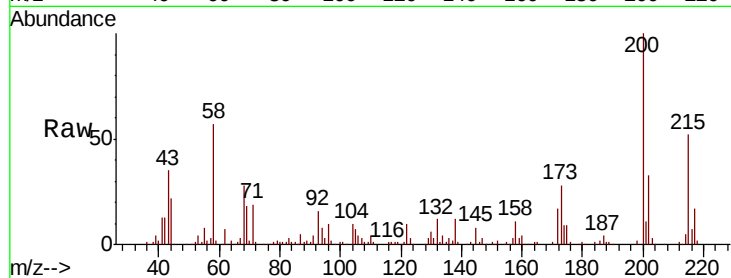
Tgt Ion:200 Resp: 152505

Ion Ratio Lower Upper

200 100

173 28.5 6.1 46.1

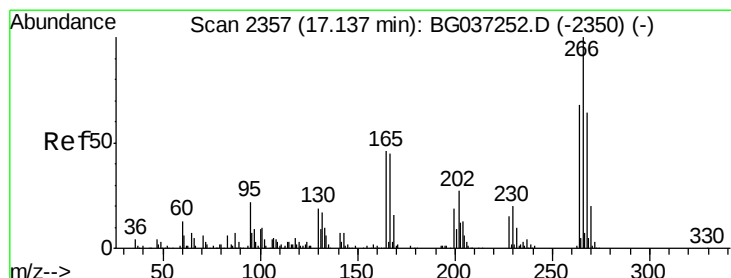
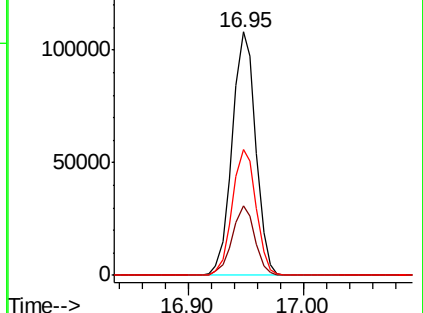
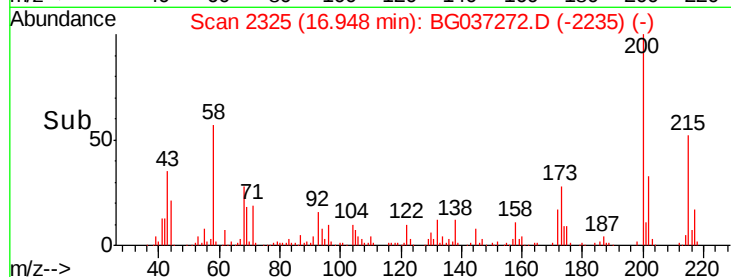
215 51.7 30.8 70.8



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: 56.602 ng

RT: 17.14 min Scan# 2358

Delta R.T. 0.01 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

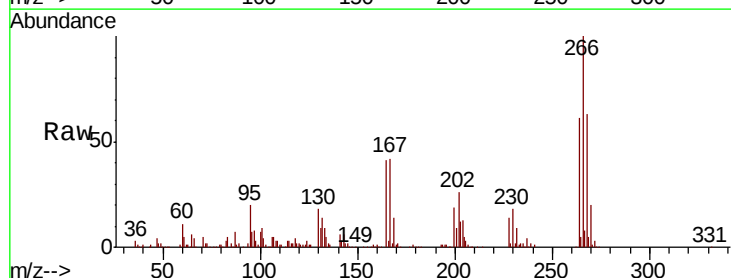
Tgt Ion:266 Resp: 168170

Ion Ratio Lower Upper

266 100

268 68.1 55.0 82.6

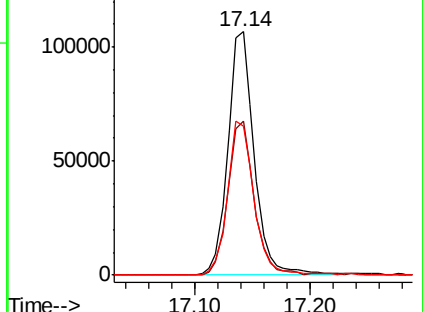
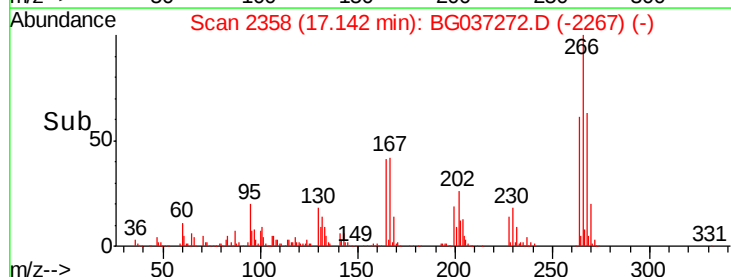
264 66.0 58.9 88.3

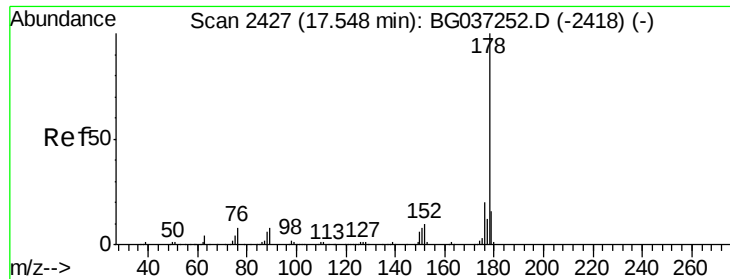


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

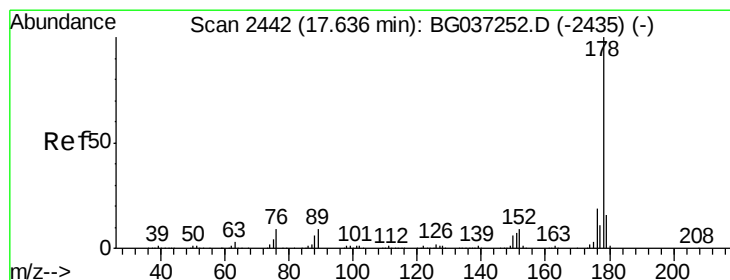
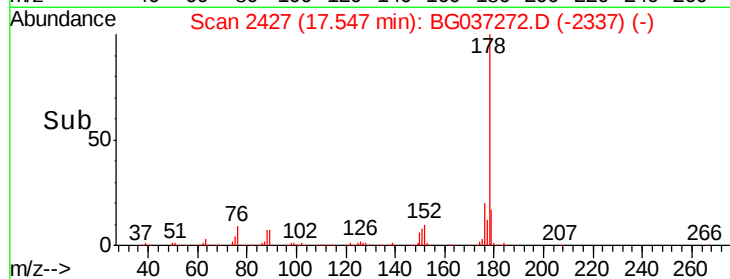
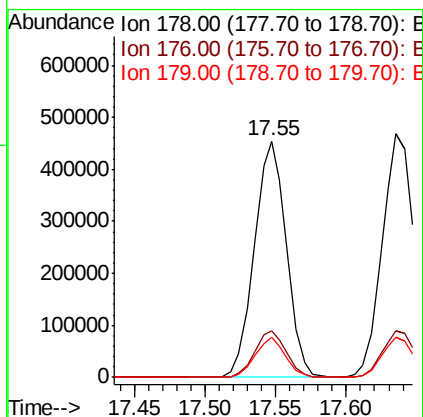
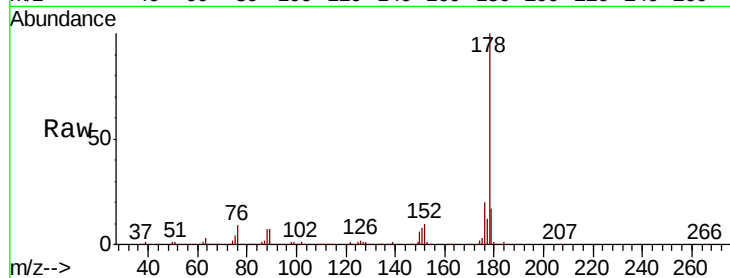




#71
Phenanthrene
Concen: 34.392 ng
RT: 17.55 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

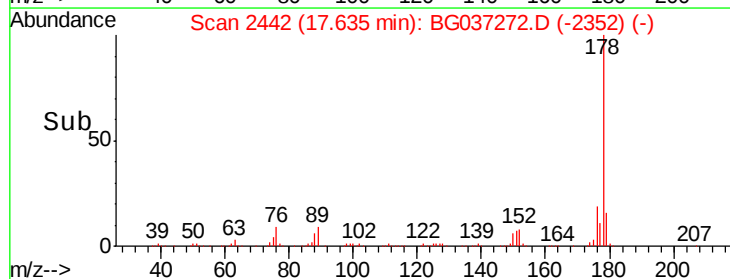
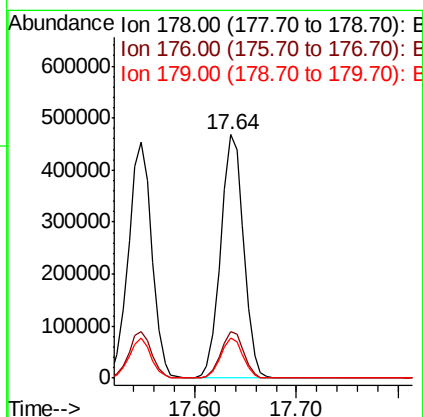
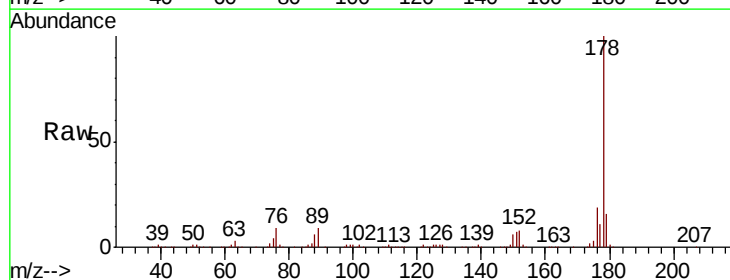
Instrument :
BNA_G
ClientSampleId :
PB113698BSD

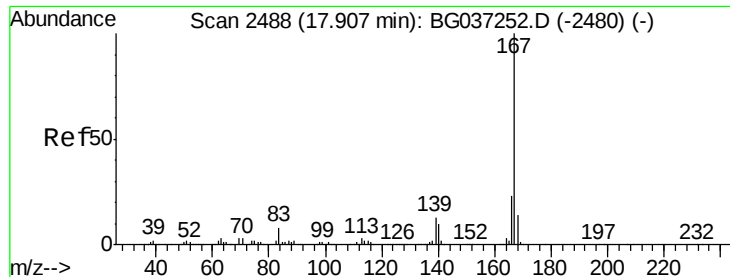
Tgt Ion:178 Resp: 720477
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 17.1 13.0 19.4



#72
Anthracene
Concen: 35.809 ng
RT: 17.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG037272.D
Acq: 12 Oct 2018 00:32

Tgt Ion:178 Resp: 734264
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 16.4 12.8 19.2

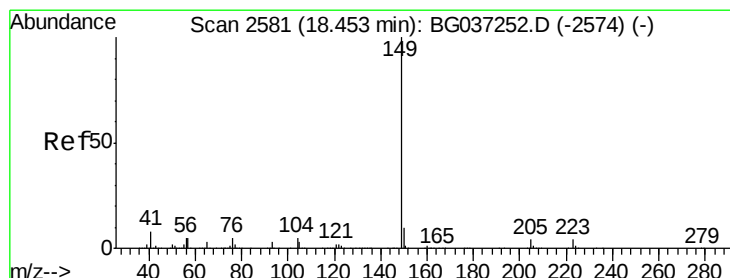
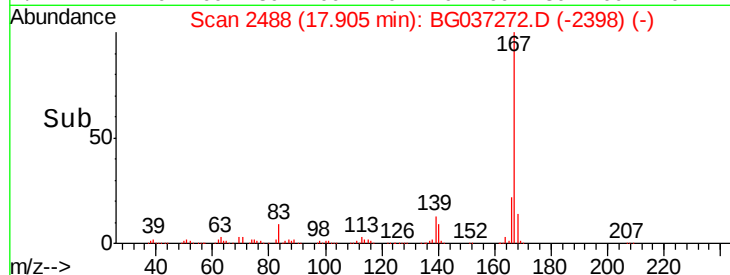
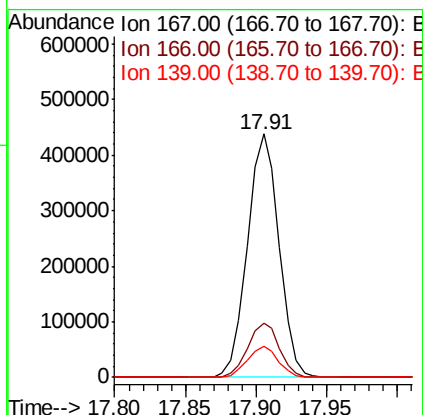
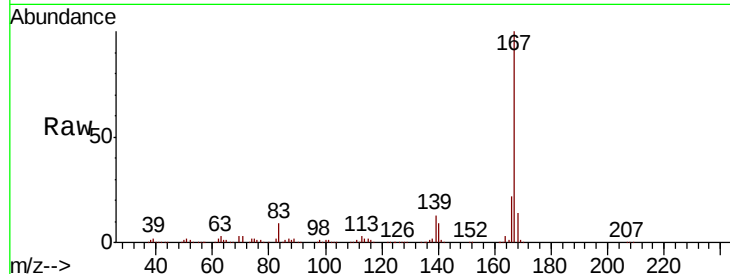




#73
 Carbazole
 Concen: 32.495 ng
 RT: 17.91 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

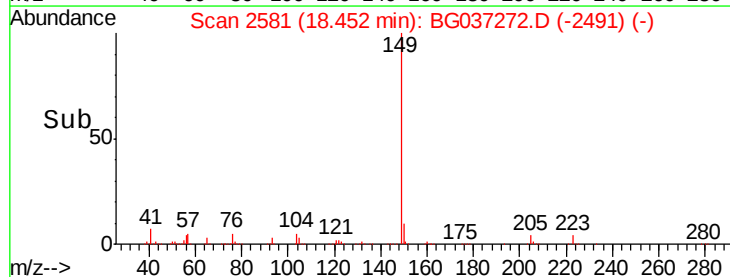
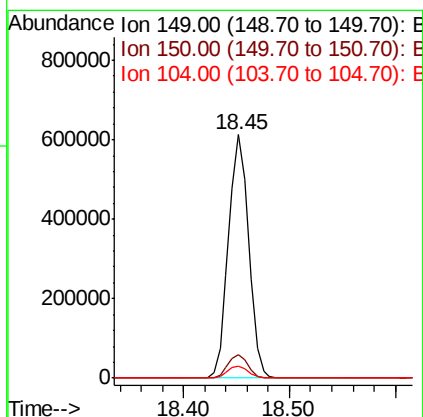
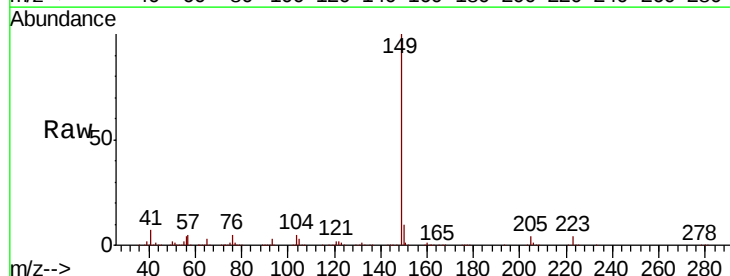
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

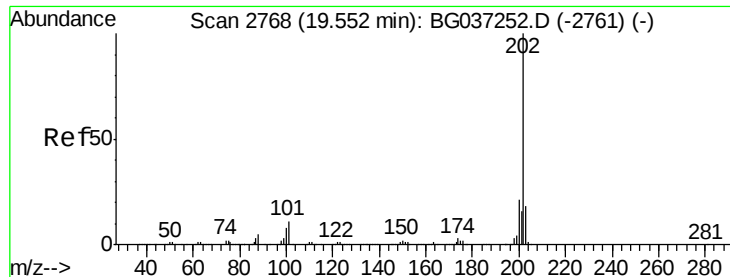
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.5	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 35.791 ng
 RT: 18.45 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	4.7	4.0	6.0





#75

Fluoranthene

Concen: 35.393 ng

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

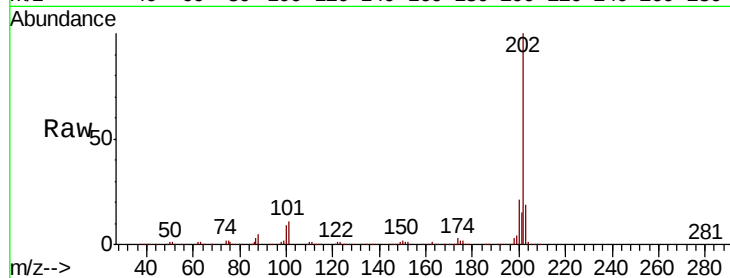
Tgt Ion:202 Resp: 866586

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.7

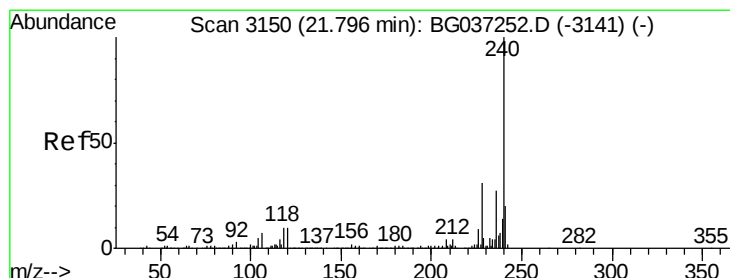
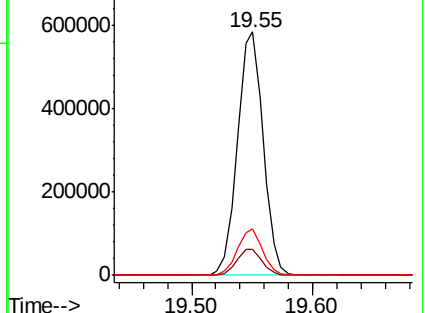
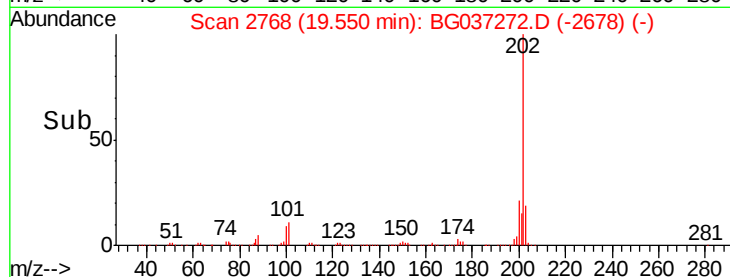
203 19.2 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

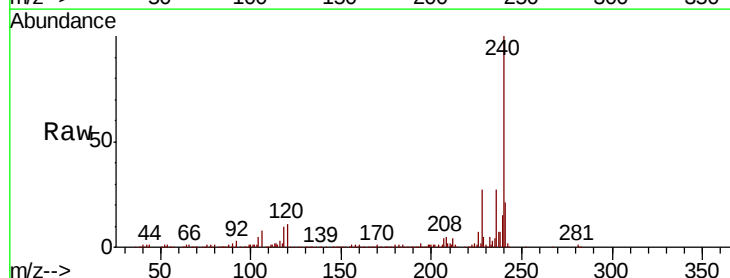
Tgt Ion:240 Resp: 388655

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

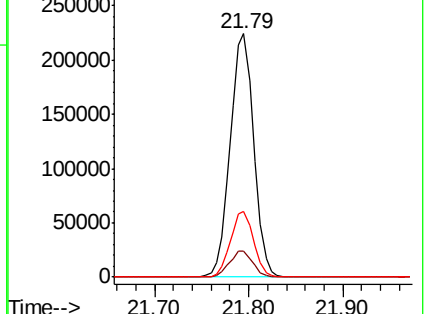
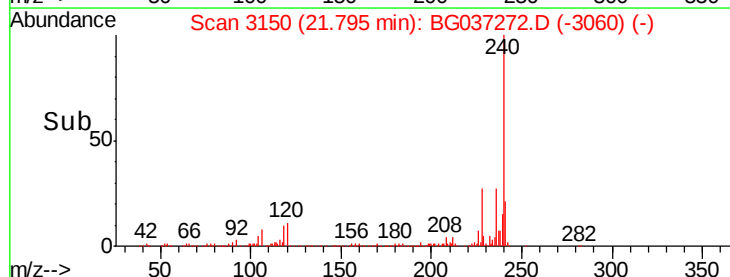
236 26.8 21.4 32.0

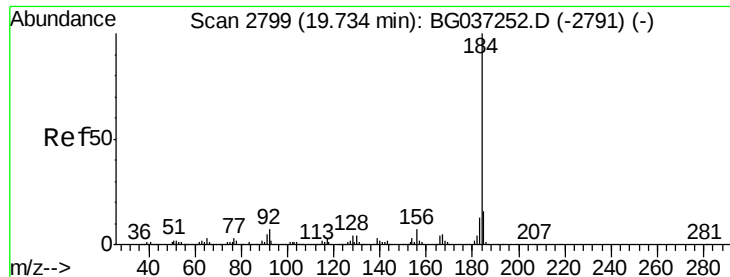


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.383 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

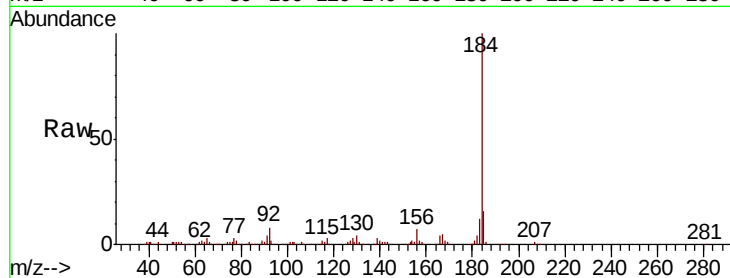
Tgt Ion:184 Resp: 258450

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

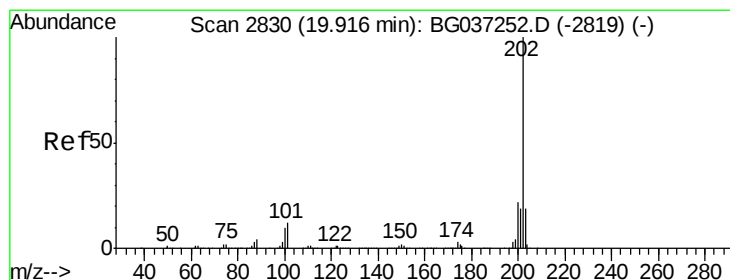
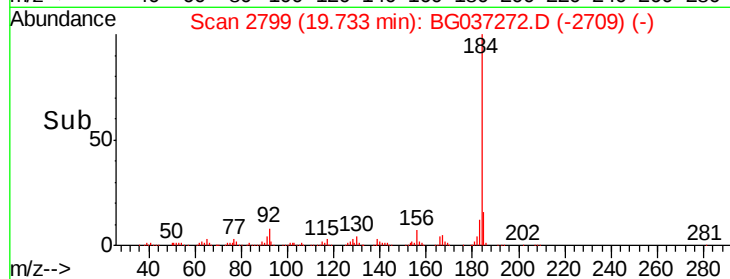
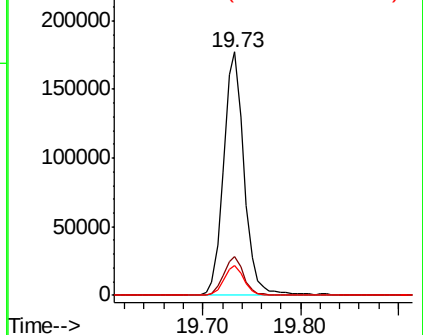
183 12.3 10.2 15.2



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: 34.160 ng

RT: 19.91 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

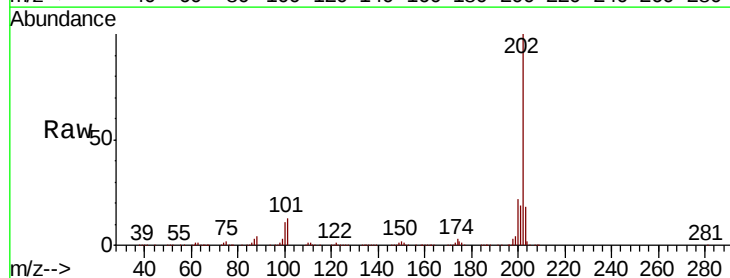
Tgt Ion:202 Resp: 865285

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

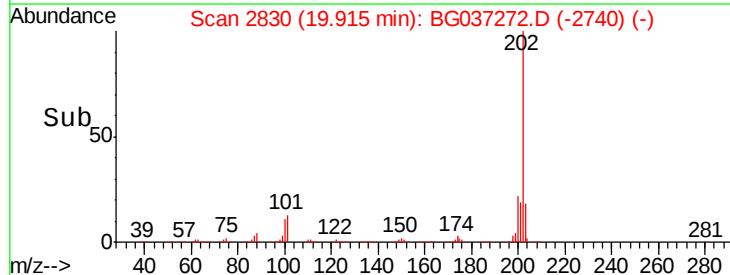
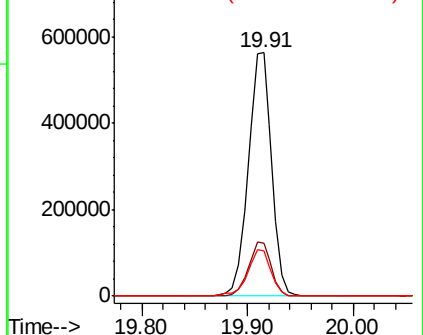
203 18.5 15.2 22.8

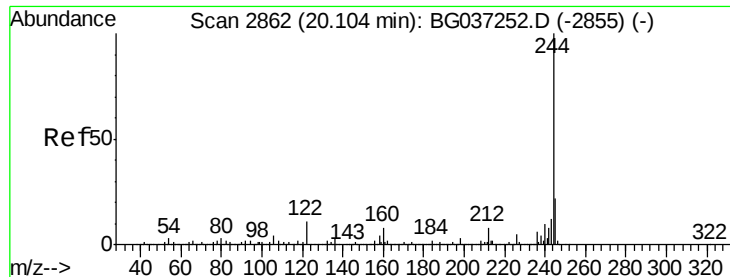


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.244 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

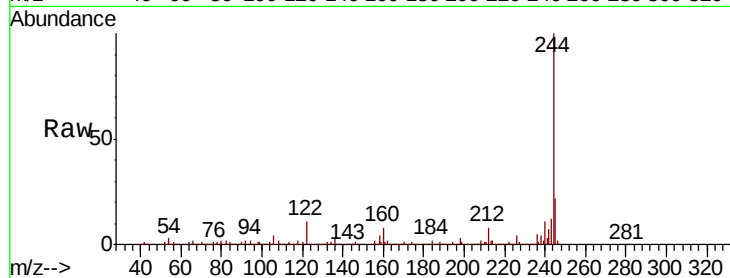
Tgt Ion:244 Resp: 1078075

Ion Ratio Lower Upper

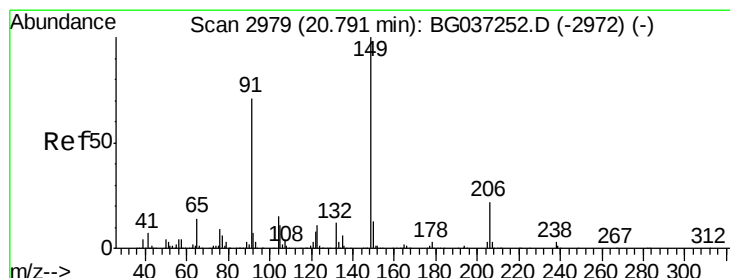
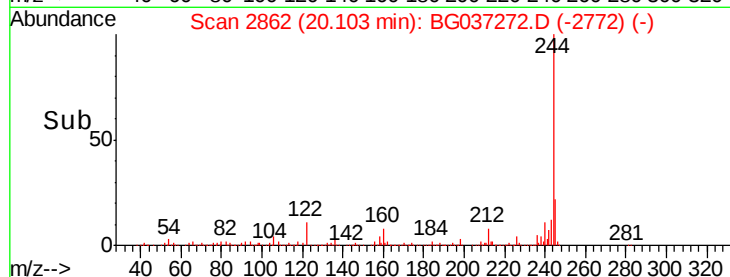
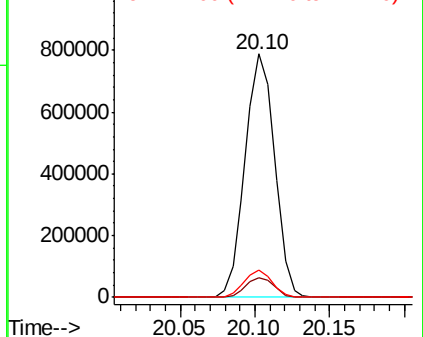
244 100

212 8.1 6.5 9.7

122 11.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.364 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

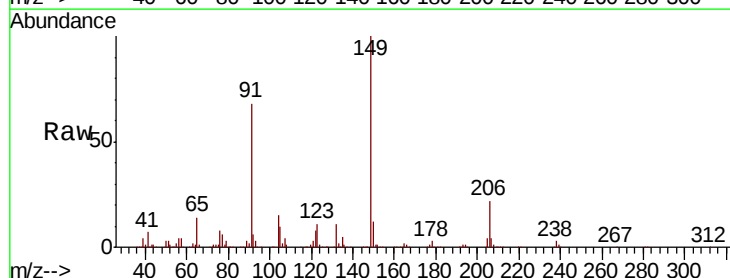
Tgt Ion:149 Resp: 348516

Ion Ratio Lower Upper

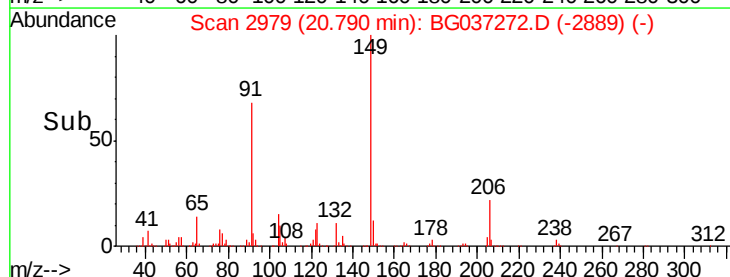
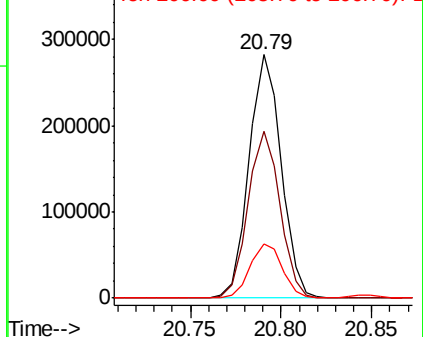
149 100

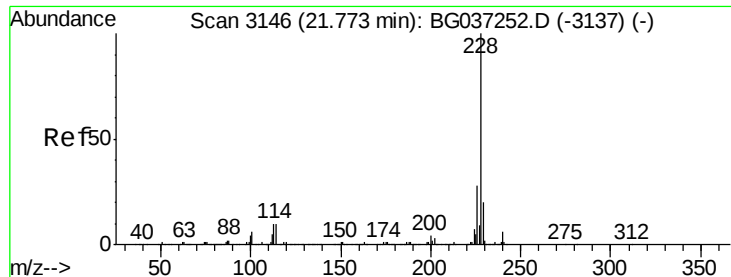
91 68.5 57.0 85.4

206 22.3 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: 35.379 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

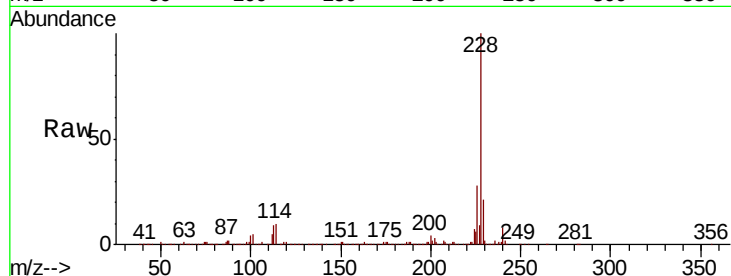
Tgt Ion:228 Resp: 823514

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

229 20.5 16.3 24.5

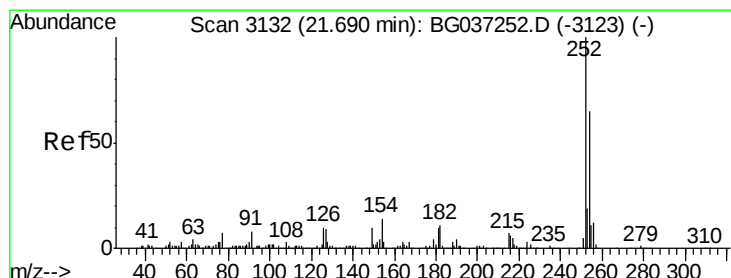
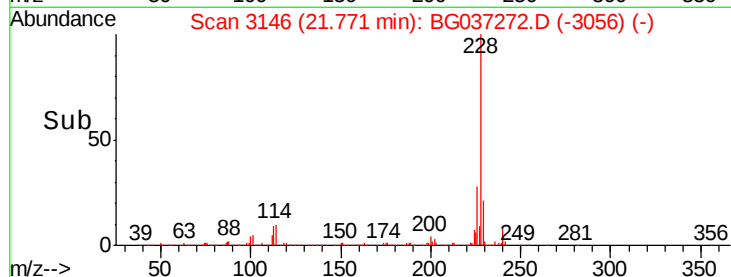
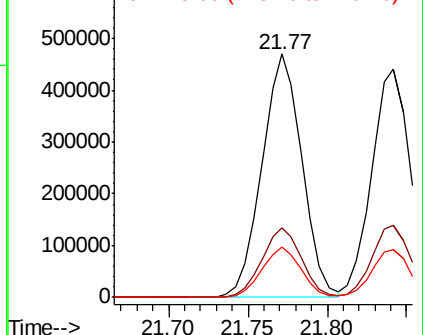


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.722 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

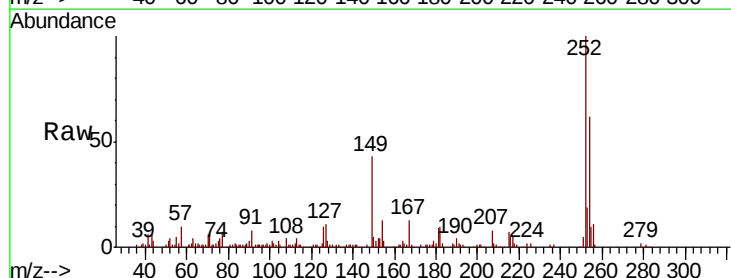
Tgt Ion:252 Resp: 141167

Ion Ratio Lower Upper

252 100

254 62.1 52.0 78.0

126 10.3 8.2 12.4

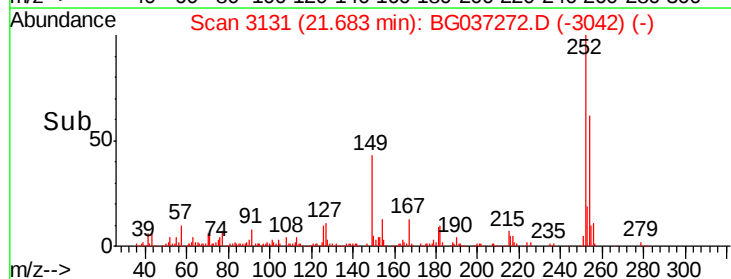
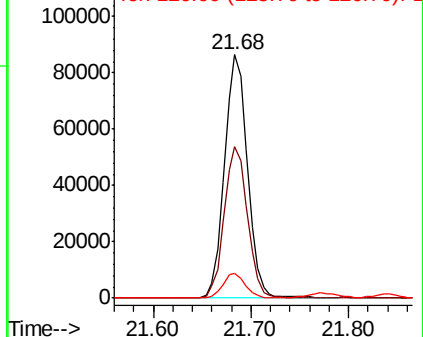


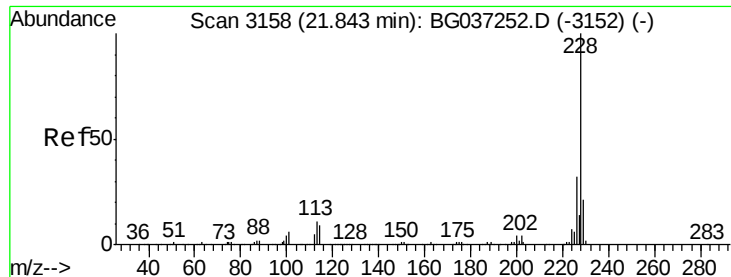
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.989 ng

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

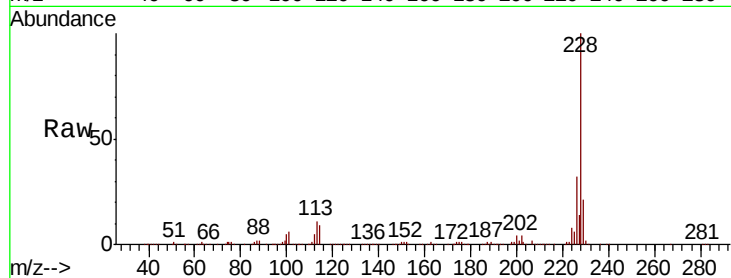
Tgt Ion:228 Resp: 754692

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

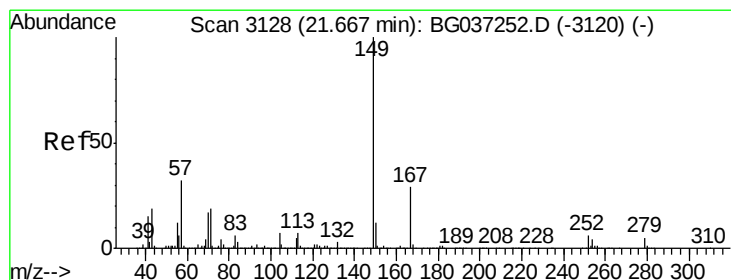
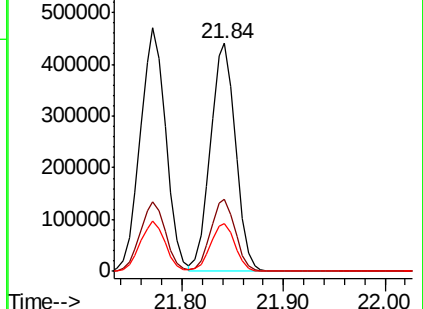
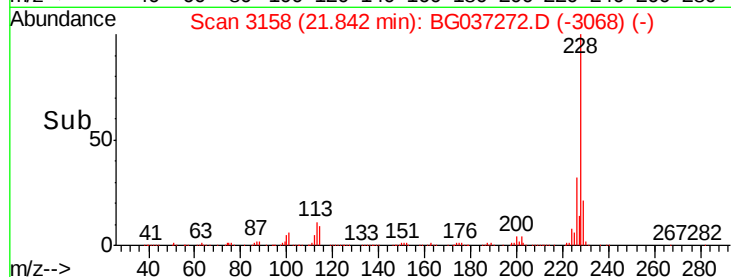
229 20.9 16.5 24.7



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: 35.156 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

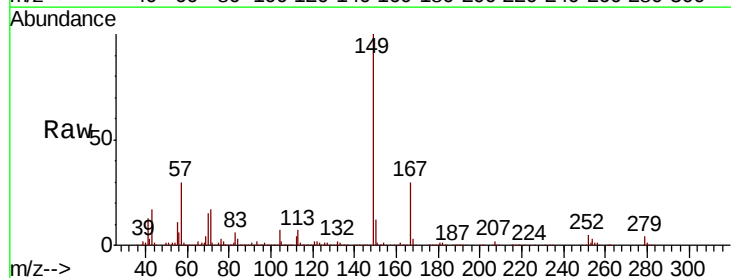
Tgt Ion:149 Resp: 497516

Ion Ratio Lower Upper

149 100

167 29.6 23.0 34.4

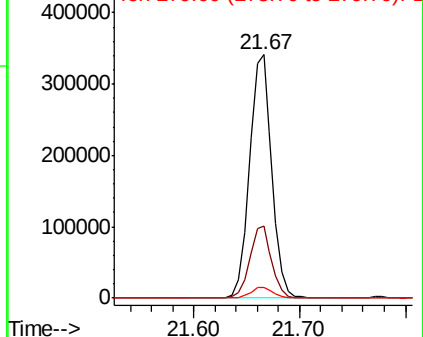
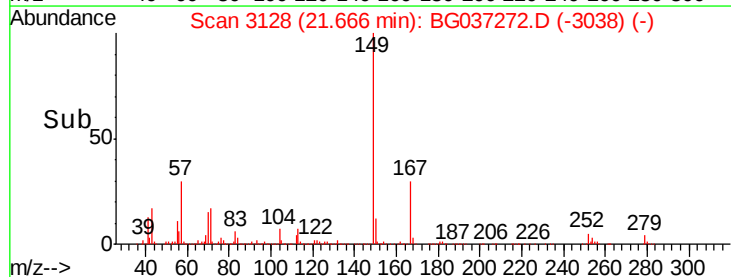
279 4.4 3.6 5.4

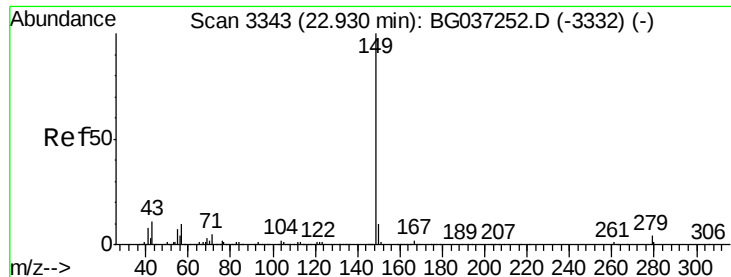


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.375 ng

RT: 22.92 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

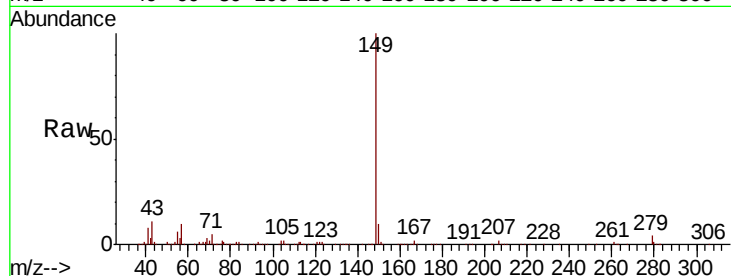
Tgt Ion:149 Resp: 835518

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

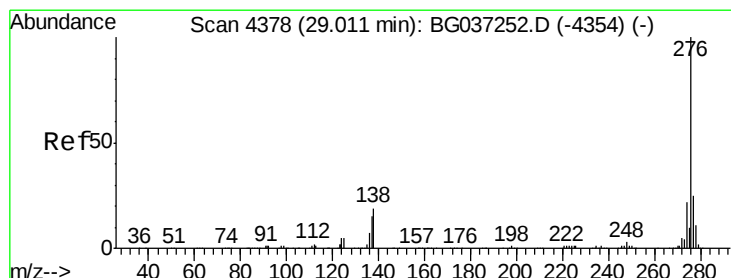
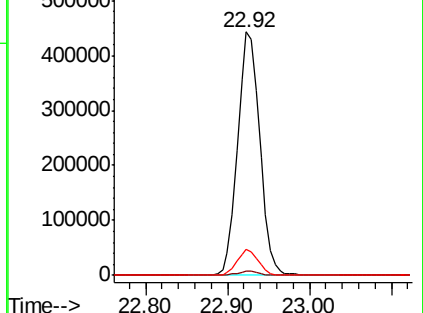
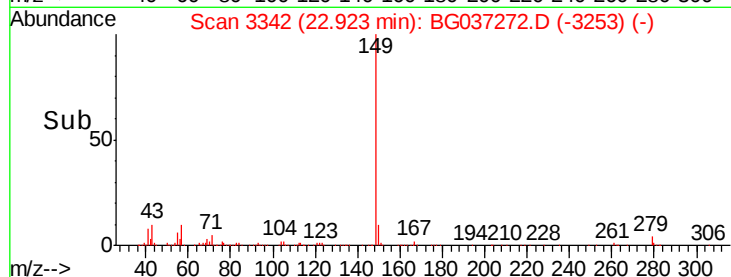
43 10.2 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.387 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

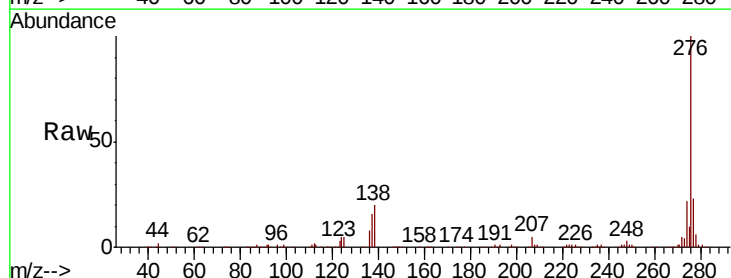
Tgt Ion:276 Resp: 895519

Ion Ratio Lower Upper

276 100

138 17.2 12.0 18.0

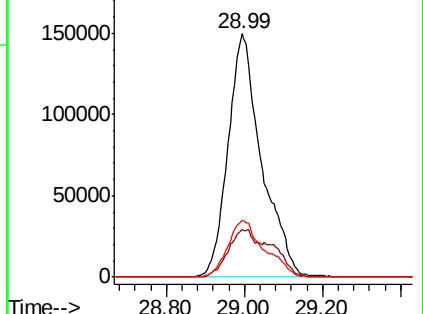
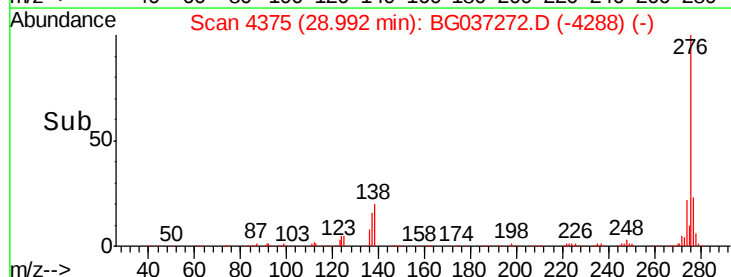
277 25.3 20.6 30.8

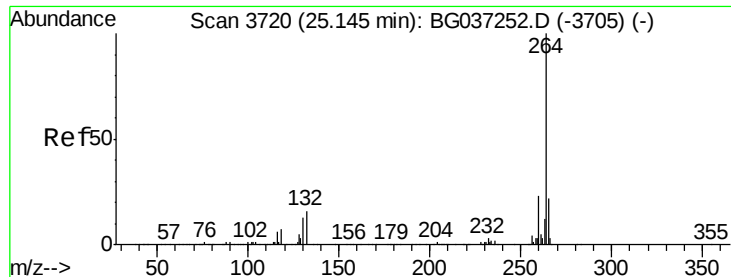


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

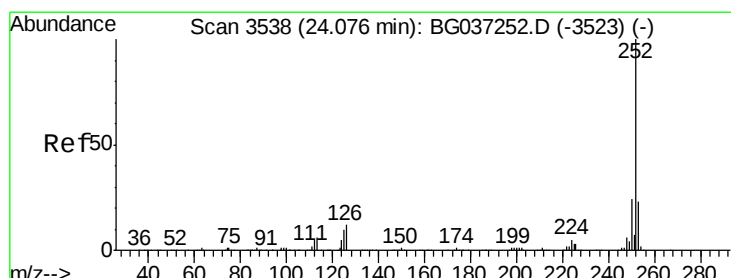
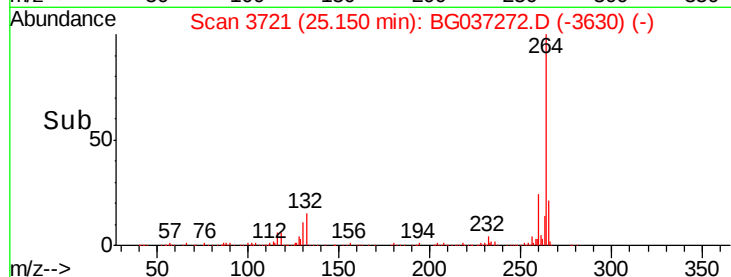
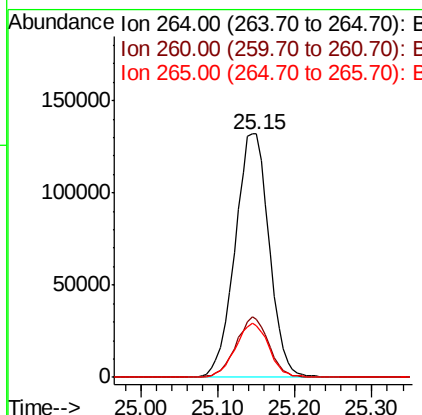
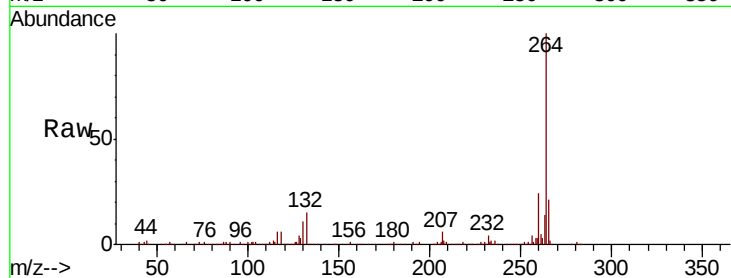




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.15 min Scan# 3721
 Delta R.T. 0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

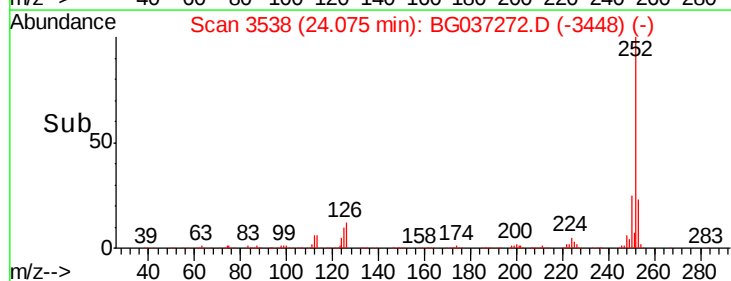
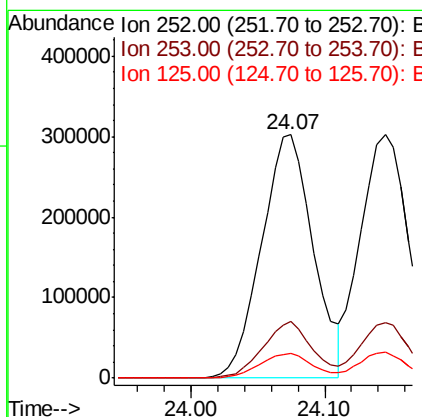
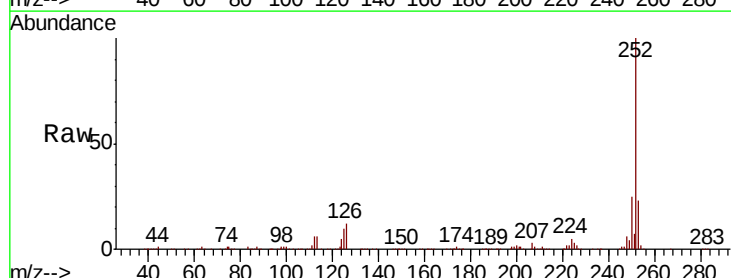
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BSD

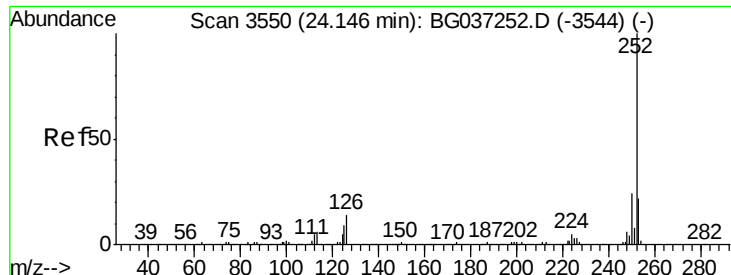
Tgt Ion:	264	Resp:	408259
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.3	17.9	26.9



#88
 Benzo(b)fluoranthene
 Concen: 36.686 ng
 RT: 24.07 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: BG037272.D
 Acq: 12 Oct 2018 00:32

Tgt Ion:	252	Resp:	814282
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.3	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 34.606 ng

RT: 24.15 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

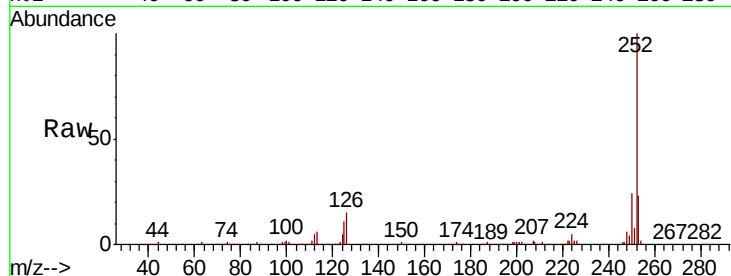
Tgt Ion:252 Resp: 757959

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

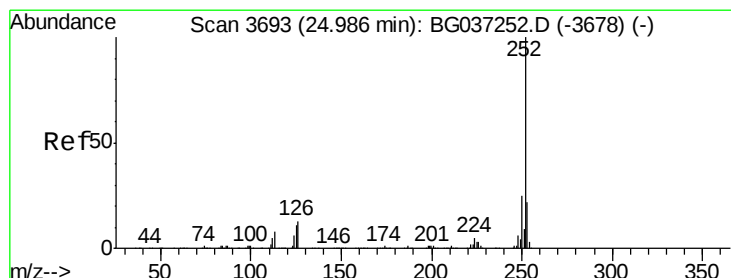
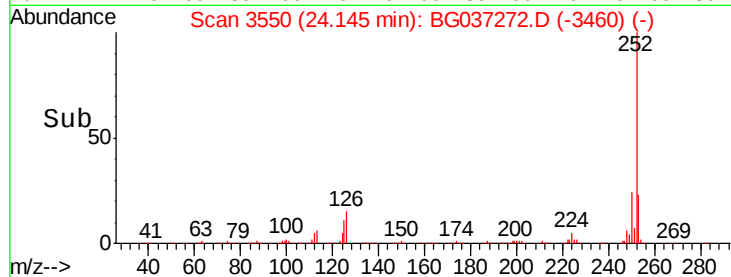
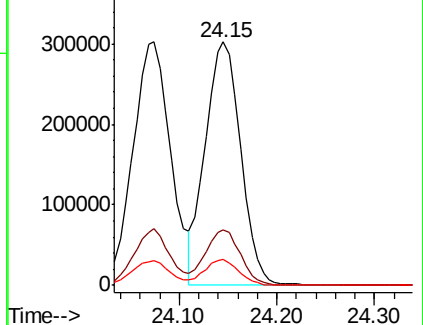
125 10.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.296 ng

RT: 24.99 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

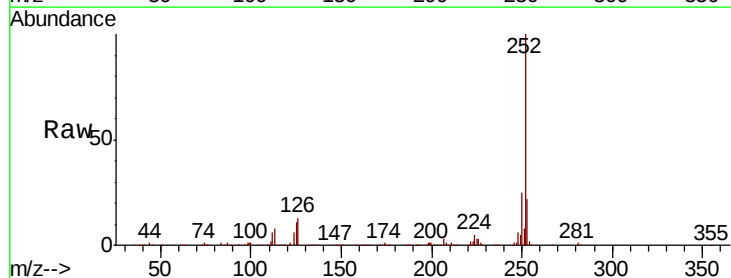
Tgt Ion:252 Resp: 772530

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

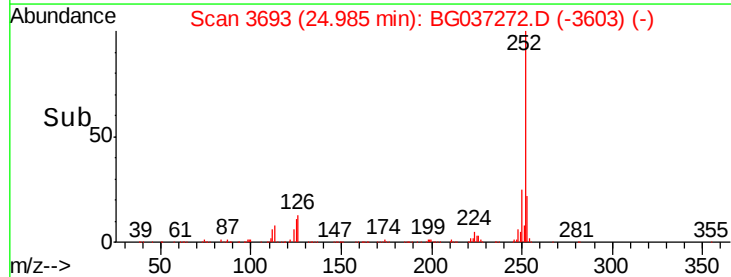
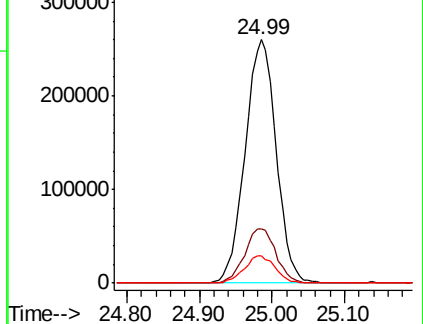
125 11.0 9.0 13.6

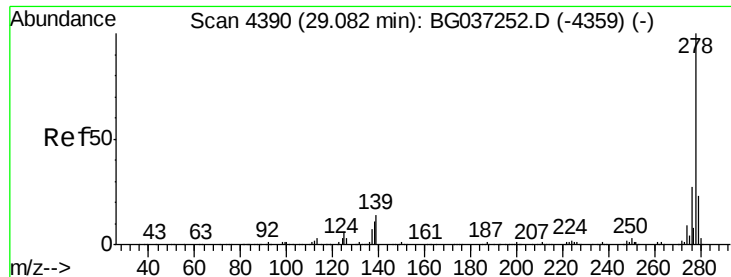


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.010 ng

RT: 29.07 min Scan# 4389

Delta R.T. -0.01 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113698BSD

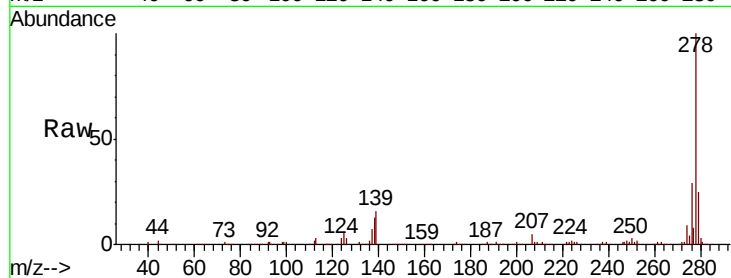
Tgt Ion:278 Resp: 733339

Ion Ratio Lower Upper

278 100

139 15.7 11.5 17.3

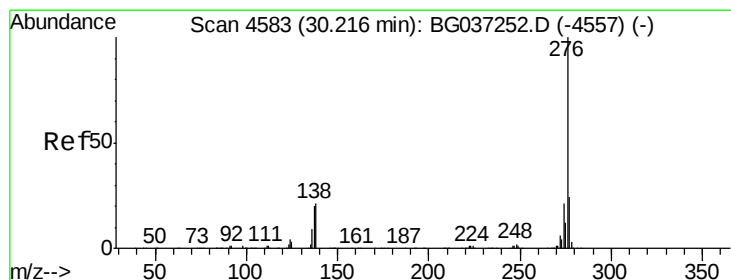
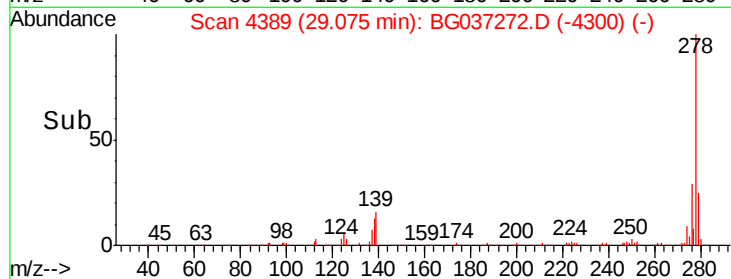
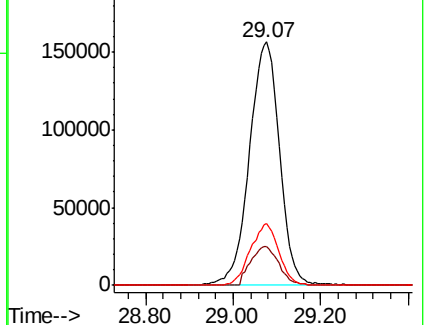
279 25.4 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.538 ng

RT: 30.21 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BG037272.D

Acq: 12 Oct 2018 00:32

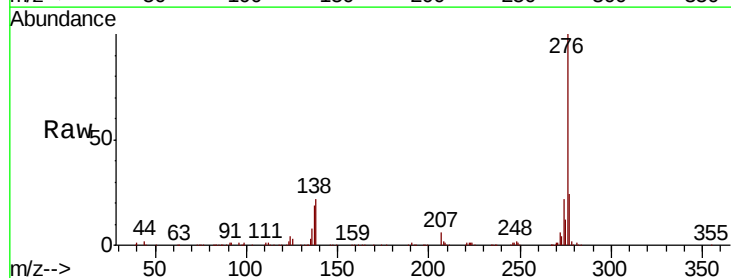
Tgt Ion:276 Resp: 743171

Ion Ratio Lower Upper

276 100

277 24.4 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

