

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100118\
 Data File : BG037089.D
 Acq On : 1 Oct 2018 23:30
 Operator : JU/SJ
 Sample : PB113393BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

Quant Time: Oct 02 05:33:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45529	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	193889	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	123719	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	314667	20.00	ng	0.00
75) Chrysene-d12	21.68	240	316519	20.00	ng	-0.01
86) Perylene-d12	24.87	264	326400	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	300930	126.76	ng	0.00
7) Phenol-d6	7.20	99	422803	115.11	ng	-0.01
23) Nitrobenzene-d5	9.20	82	272333	75.22	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	167153	112.92	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	593426	71.44	ng	-0.01
78) Terphenyl-d14	20.01	244	1001088	83.17	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	44673	41.123	ng	97
3) Pyridine	3.92	79	117063	37.321	ng	99
4) n-Nitrosodimethylamine	3.83	42	61608	44.192	ng	# 91
6) Aniline	7.36	93	64296	13.491	ng	95
8) 2-Chlorophenol	7.61	128	119110	43.210	ng	96
9) Benzaldehyde	7.18	77	68019	28.025	ng	97
10) Phenol	7.23	94	164860	43.490	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	125484	35.786	ng	98
12) 1,3-Dichlorobenzene	7.93	146	129179	38.224	ng	99
13) 1,4-Dichlorobenzene	8.08	146	131335	37.975	ng	98
14) 1,2-Dichlorobenzene	8.39	146	130812	39.031	ng	96
15) Benzyl Alcohol	8.28	79	109087	36.602	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	248348	36.891	ng	96
17) 2-Methylphenol	8.48	107	105797	40.067	ng	96
18) Hexachloroethane	9.12	117	52027	40.879	ng	96
19) n-Nitroso-di-n-propylamine	8.84	70	104584	34.227	ng	92
20) 3+4-Methylphenols	8.80	107	141362	38.482	ng	98
22) Acetophenone	8.86	105	188400	41.349	ng	# 99
24) Nitrobenzene	9.24	77	155504	40.218	ng	95
25) Isophorone	9.76	82	291995	44.137	ng	99
26) 2-Nitrophenol	9.96	139	65207	42.310	ng	99
27) 2,4-Dimethylphenol	10.01	122	112690	46.941	ng	98
28) bis(2-Chloroethoxy)methane	10.24	93	167510	41.034	ng	98
29) 2,4-Dichlorophenol	10.49	162	122378	43.974	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	135848	39.007	ng	99
31) Naphthalene	10.89	128	387636	42.018	ng	100
32) Benzoic acid	10.14	122	19812	15.284	ng	94
33) 4-Chloroaniline	11.01	127	36896	8.796	ng	98
34) Hexachlorobutadiene	11.17	225	90605	37.620	ng	99
35) Caprolactam	11.78	113	45675	39.876	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	141865	42.723	ng	100
37) 2-Methylnaphthalene	12.49	142	296446	42.191	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	165362	38.322	ng	98
40) Hexachlorocyclopentadiene	12.83	237	192151	86.583	ng	99

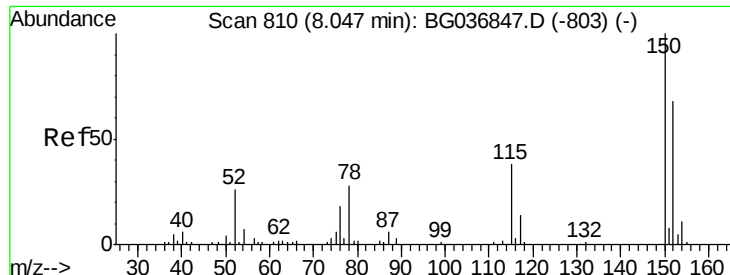
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	101850	42.505	ng	95
43) 2,4,5-Trichlorophenol	13.18	196	111199	43.521	ng	99
45) 1,1'-Biphenyl	13.50	154	382375	40.356	ng	97
46) 2-Chloronaphthalene	13.54	162	291715	39.149	ng	98
47) 2-Nitroaniline	13.75	65	106350	41.264	ng	99
48) Acenaphthylene	14.39	152	509751	43.657	ng	99
49) Dimethylphthalate	14.12	163	395102	39.675	ng	99
50) 2,6-Dinitrotoluene	14.24	165	88009	40.505	ng	98
51) Acenaphthene	14.73	154	285813	40.501	ng	99
52) 3-Nitroaniline	14.57	138	32676	14.272	ng	# 97
53) 2,4-Dinitrophenol	14.79	184	26166	30.889	ng	98
54) Dibenzofuran	15.06	168	479153	40.141	ng	99
55) 4-Nitrophenol	14.88	139	120181	82.165	ng	97
56) 2,4-Dinitrotoluene	15.03	165	128317	42.323	ng	89
57) Fluorene	15.71	166	385714	43.233	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	112926	43.568	ng	97
59) Diethylphthalate	15.48	149	401689	39.992	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	212617	37.631	ng	99
61) 4-Nitroaniline	15.74	138	93029	38.628	ng	92
62) Azobenzene	16.00	77	407103	42.182	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	45470	27.639	ng	97
65) n-Nitrosodiphenylamine	15.92	169	350539	40.352	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	136618	38.170	ng	96
67) Hexachlorobenzene	16.71	284	138880	37.675	ng	99
68) Atrazine	16.87	200	145450	41.351	ng	99
69) Pentachlorophenol	17.06	266	135663	58.453	ng	98
70) Phenanthrene	17.45	178	653432	43.092	ng	99
71) Anthracene	17.54	178	669460	44.649	ng	98
72) Carbazole	17.82	167	585088	40.022	ng	98
73) Di-n-butylphthalate	18.36	149	687971	42.376	ng	100
74) Fluoranthene	19.46	202	793110	43.452	ng	99
76) Benzidine	19.64	184	155054	16.205	ng	99
77) Pyrene	19.82	202	786719	41.420	ng	100
79) Butylbenzylphthalate	20.70	149	318746	42.102	ng	96
80) Benzo(a)anthracene	21.65	228	771096	41.733	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	122834	17.466	ng	100
82) Chrysene	21.72	228	742879	41.613	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	445251	42.099	ng	99
84) Di-n-octyl phthalate	22.76	149	754277	43.316	ng	98
85) Indeno(1,2,3-cd)pyrene	28.52	276	844542	44.054	ng	98
87) Benzo(b)fluoranthene	23.86	252	764646	43.959	ng	98
88) Benzo(k)fluoranthene	23.93	252	730990	41.887	ng	99
89) Benzo(a)pyrene	24.73	252	735487	43.735	ng	99
90) Dibenzo(a,h)anthracene	28.58	278	670130	42.519	ng	99
91) Benzo(g,h,i)perylene	29.67	276	689844	43.612	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

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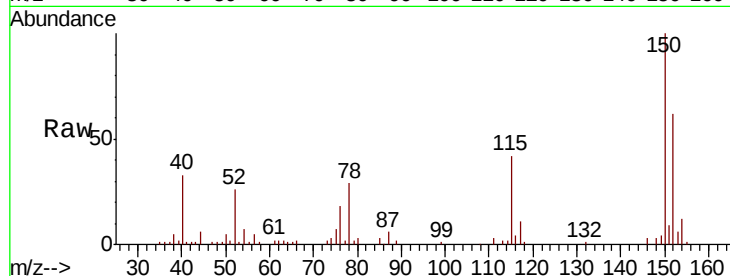
Tgt Ion:152 Resp: 45529

Ion Ratio Lower Upper

152 100

150 161.2 119.5 179.3

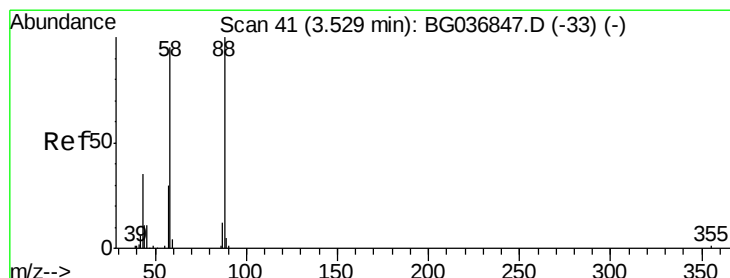
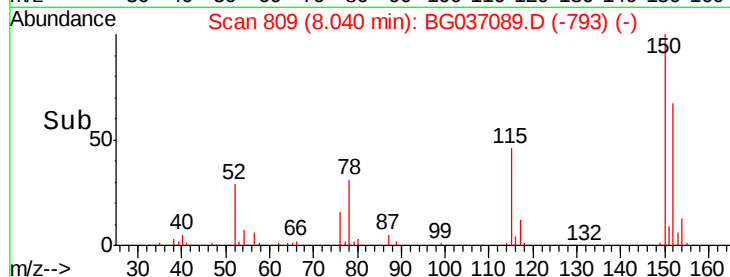
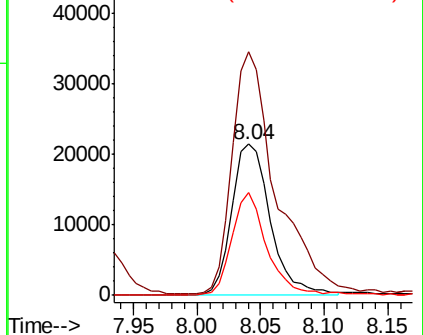
115 67.9 44.5 66.7#



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: 41.123 ng

RT: 3.52 min Scan# 39

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

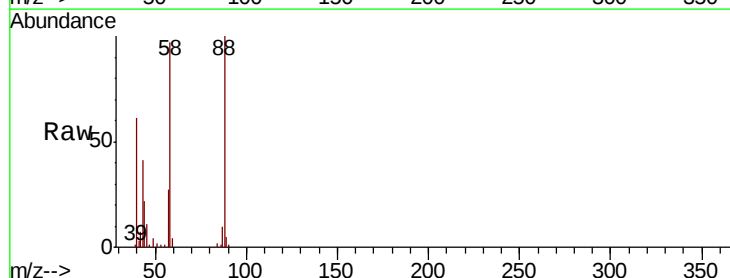
Tgt Ion: 88 Resp: 44673

Ion Ratio Lower Upper

88 100

58 92.5 72.6 109.0

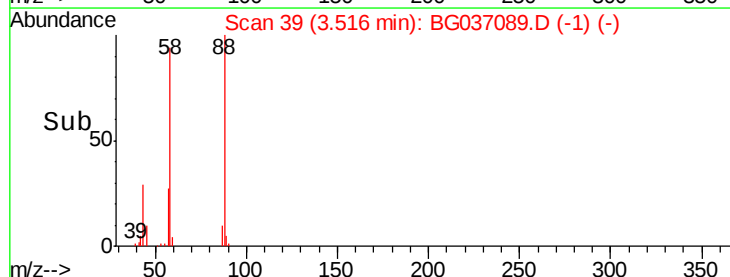
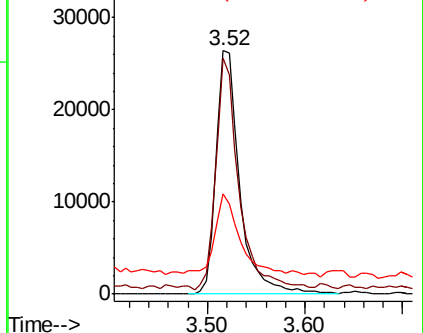
43 33.0 29.0 43.4

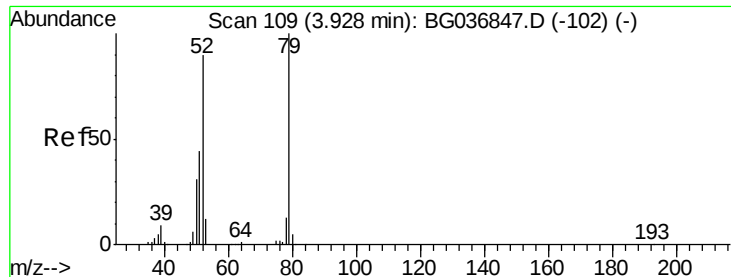


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.321 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

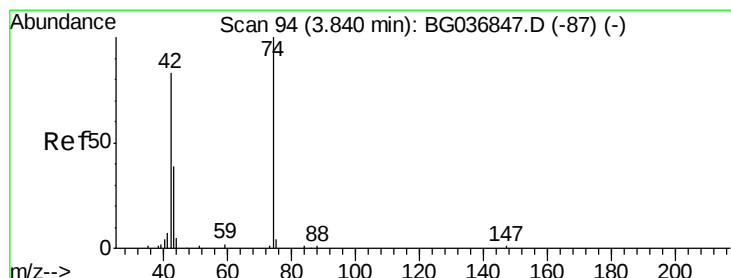
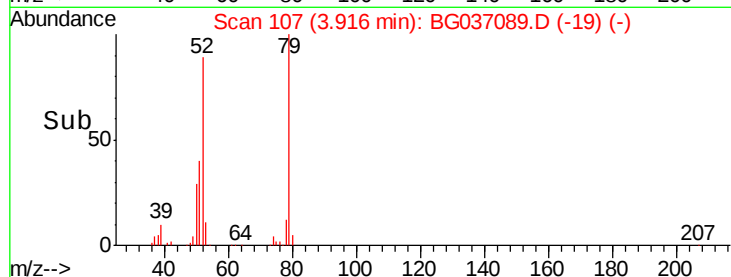
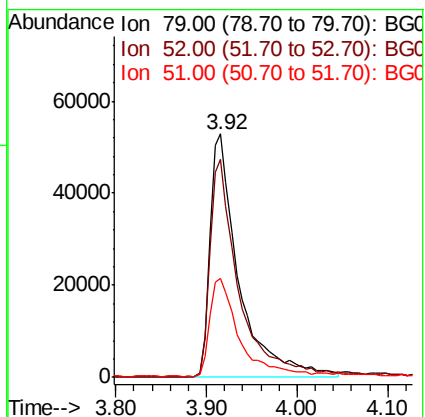
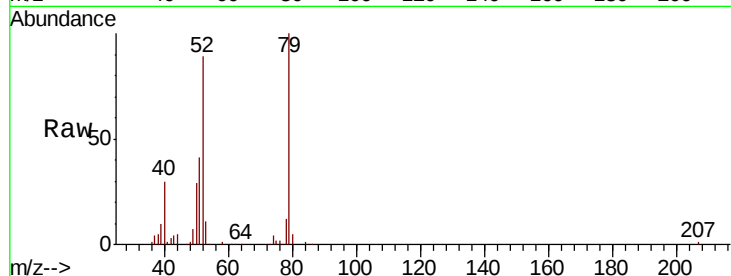
Tgt Ion: 79 Resp: 117063

Ion Ratio Lower Upper

79 100

52 89.4 72.3 108.5

51 40.8 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 44.192 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

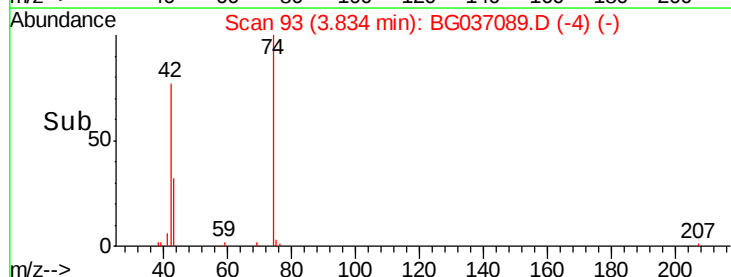
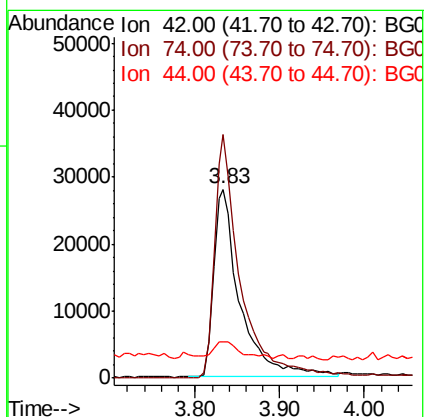
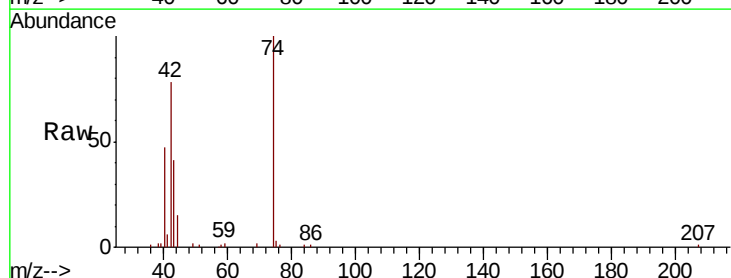
Tgt Ion: 42 Resp: 61608

Ion Ratio Lower Upper

42 100

74 128.8 96.6 145.0

44 19.2 7.0 10.4#





#5

2-Fluorophenol

Concen: 126.758 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

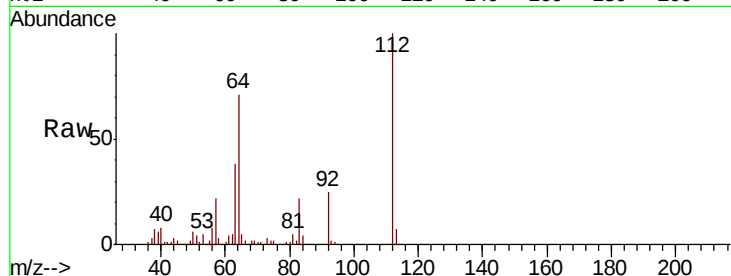
Tgt Ion:112 Resp: 300930

Ion Ratio Lower Upper

112 100

64 71.2 57.2 85.8

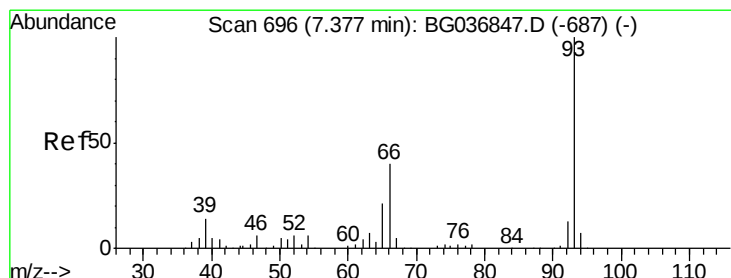
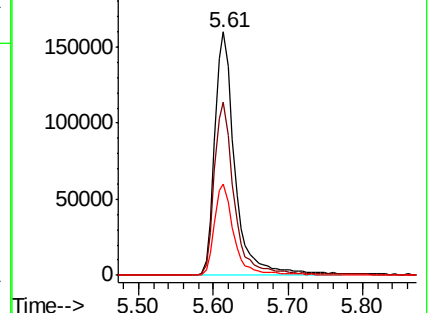
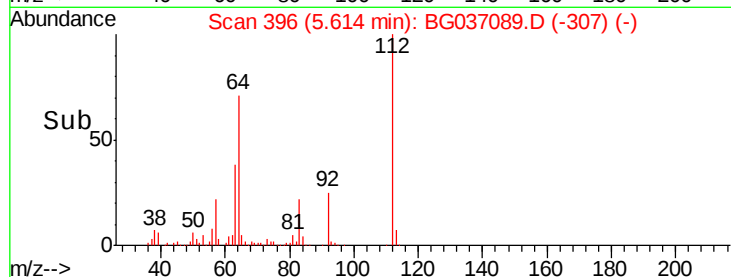
63 37.7 30.8 46.2



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: 13.491 ng

RT: 7.36 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

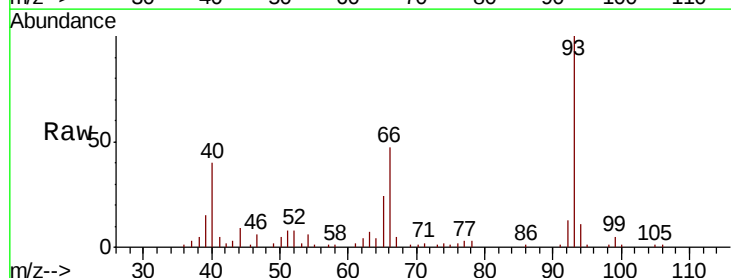
Tgt Ion: 93 Resp: 64296

Ion Ratio Lower Upper

93 100

66 47.4 35.0 52.4

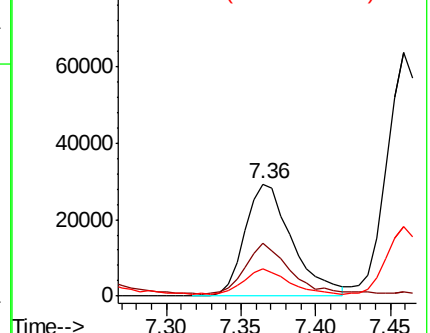
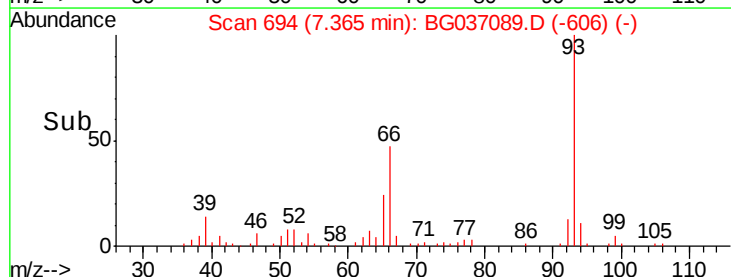
65 24.2 17.6 26.4



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: 115.110 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

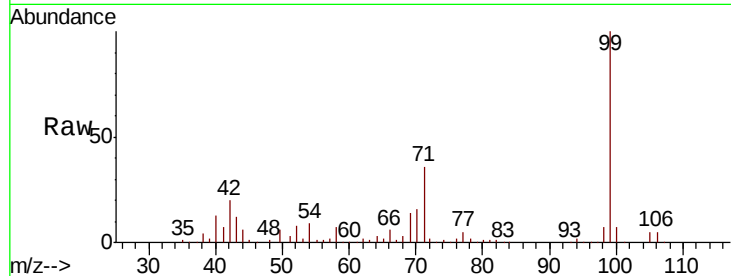
Tgt Ion: 99 Resp: 422803

Ion Ratio Lower Upper

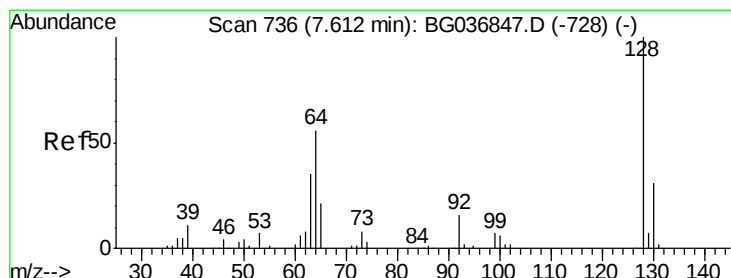
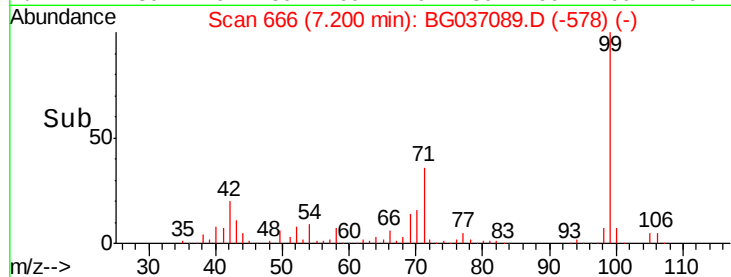
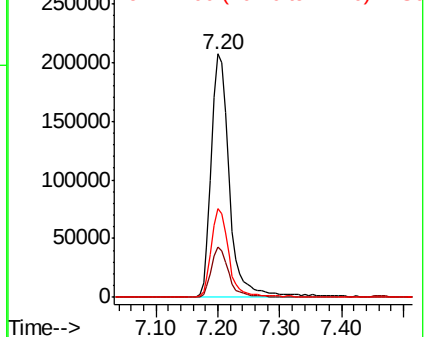
99 100

42 20.4 16.5 24.7

71 36.3 29.4 44.2



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



#8

2-Chlorophenol

Concen: 43.210 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

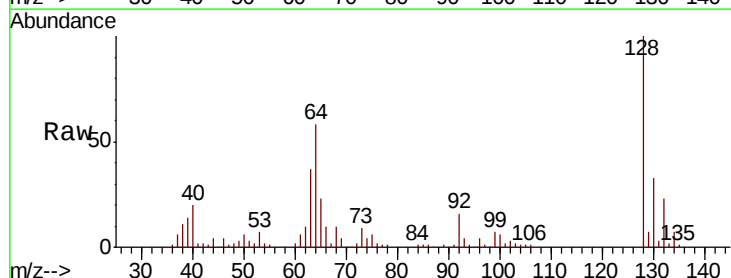
Tgt Ion: 128 Resp: 119110

Ion Ratio Lower Upper

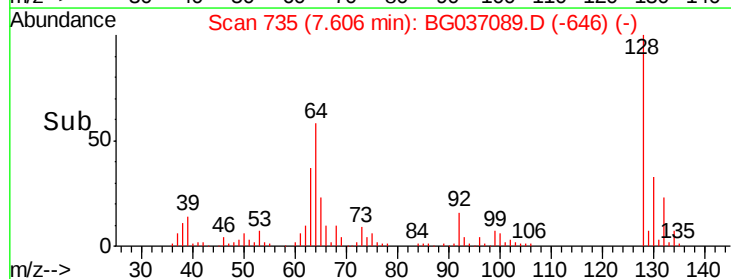
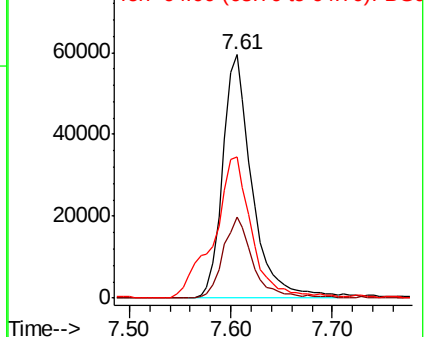
128 100

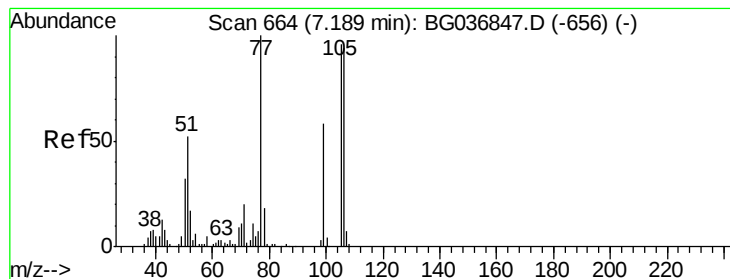
130 33.2 10.0 50.0

64 58.1 36.0 76.0



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





#9

Benzaldehyde

Concen: 28.025 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

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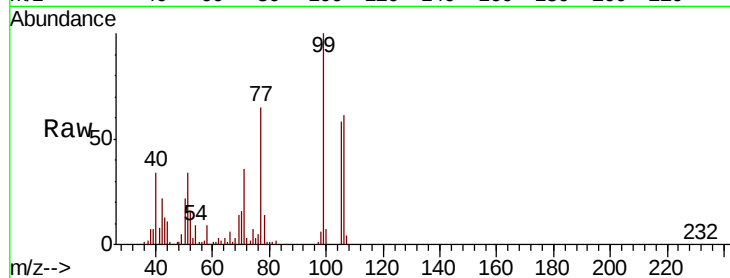
Tgt Ion: 77 Resp: 68019

Ion Ratio Lower Upper

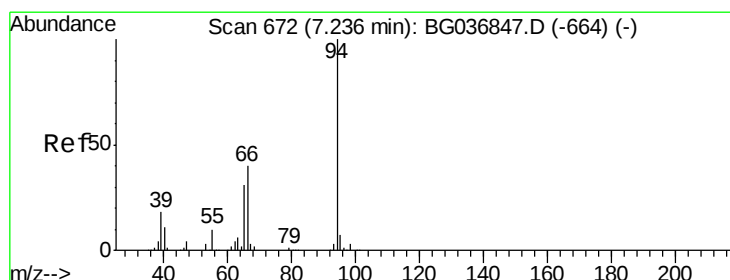
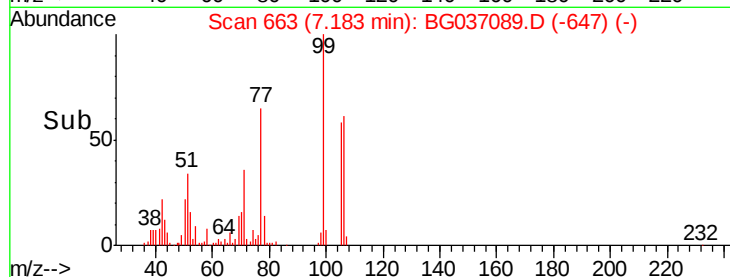
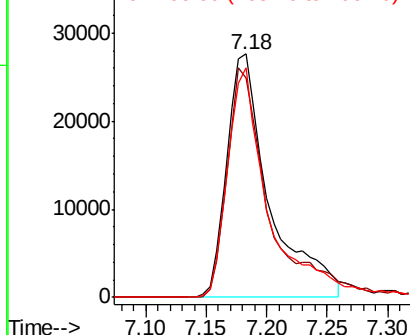
77 100

105 90.2 70.5 110.5

106 94.3 69.8 109.8



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: 43.490 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

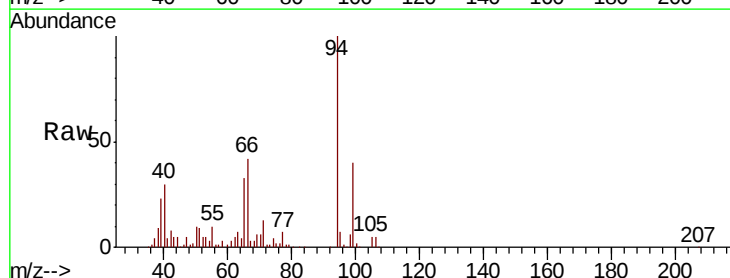
Tgt Ion: 94 Resp: 164860

Ion Ratio Lower Upper

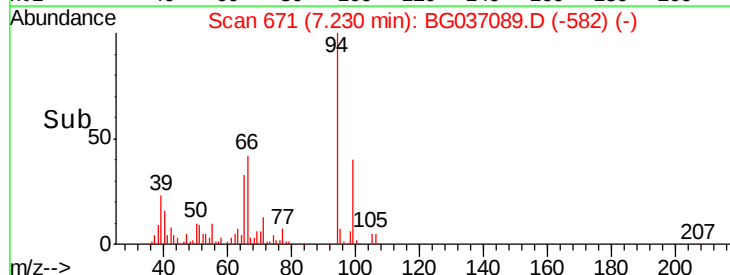
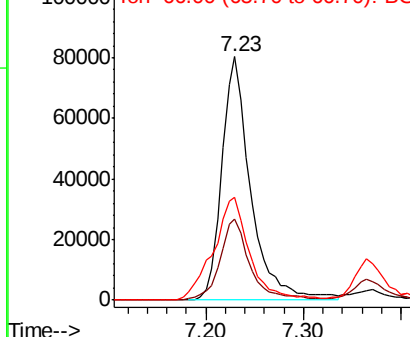
94 100

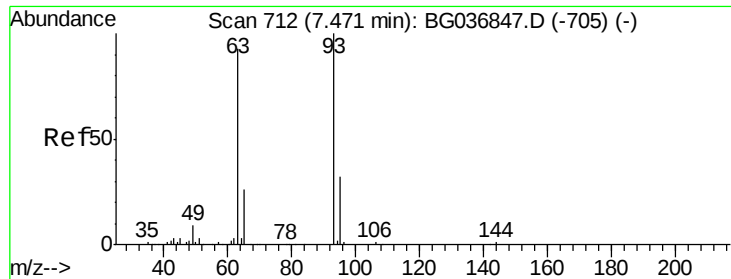
65 33.1 11.5 51.5

66 42.4 19.5 59.5



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: 35.786 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

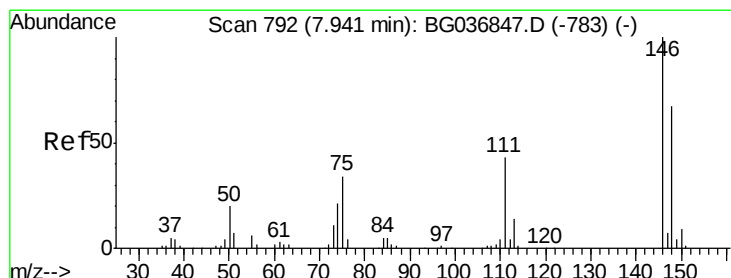
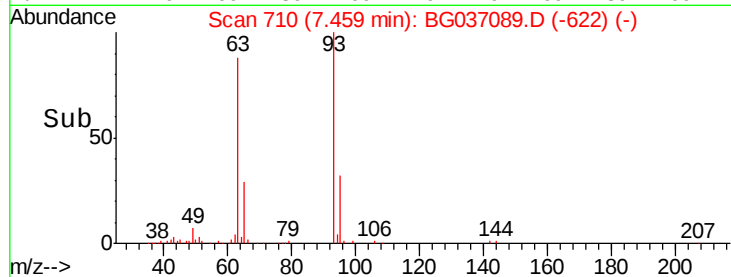
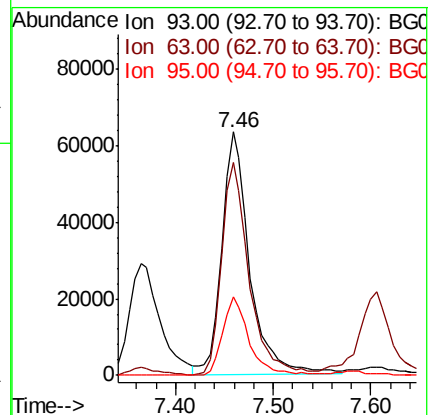
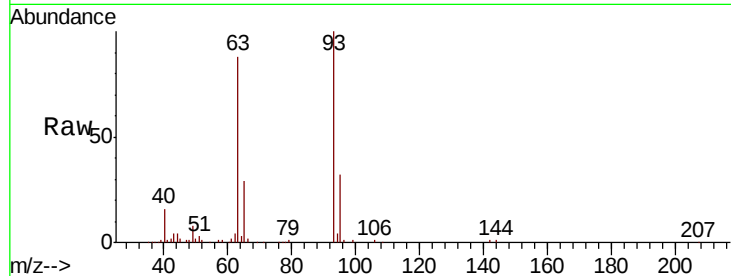
Tgt Ion: 93 Resp: 125484

Ion Ratio Lower Upper

93 100

63 87.5 69.9 109.9

95 32.5 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 38.224 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

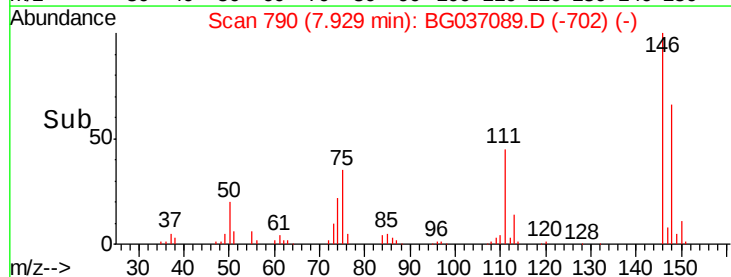
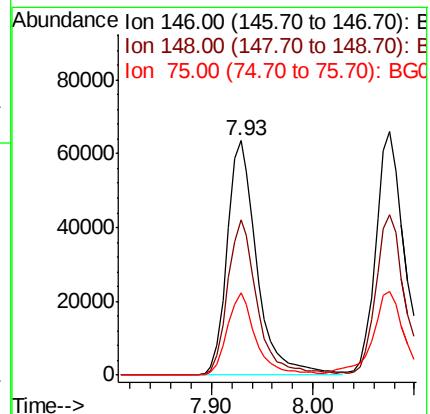
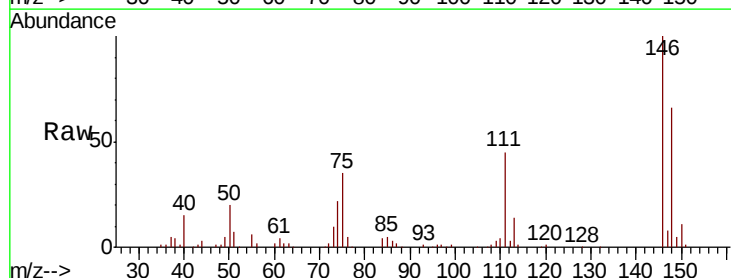
Tgt Ion: 146 Resp: 129179

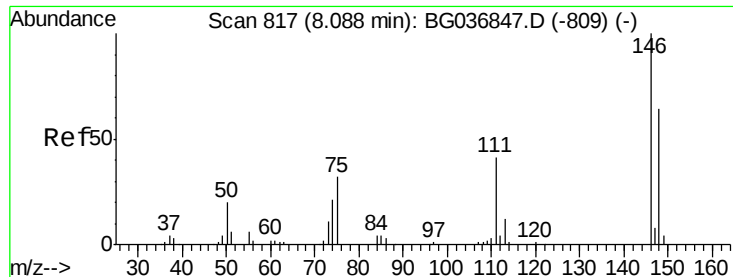
Ion Ratio Lower Upper

146 100

148 66.2 53.8 80.6

75 34.9 27.2 40.8

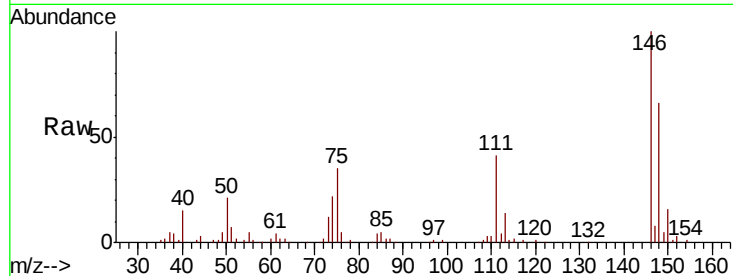




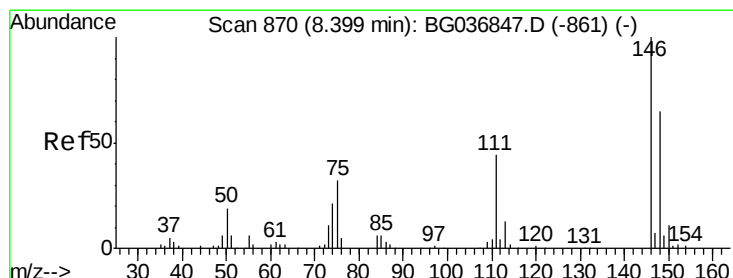
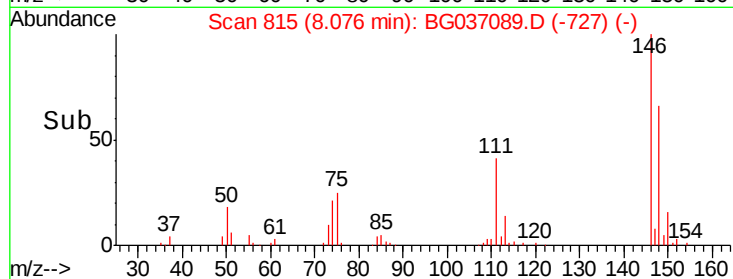
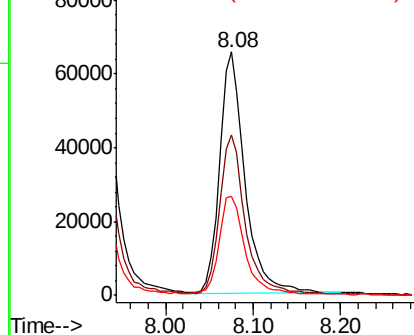
#13
 1,4-Dichlorobenzene
 Concen: 37.975 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

Tgt Ion:146 Resp: 131335
 Ion Ratio Lower Upper
 146 100
 148 65.7 53.9 80.9
 111 40.9 33.8 50.6

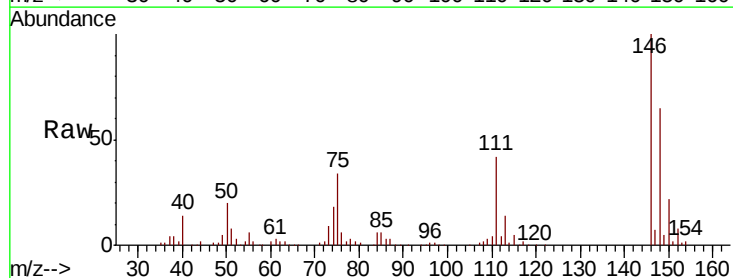


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

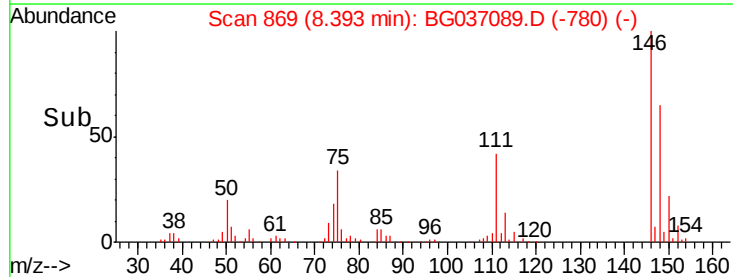
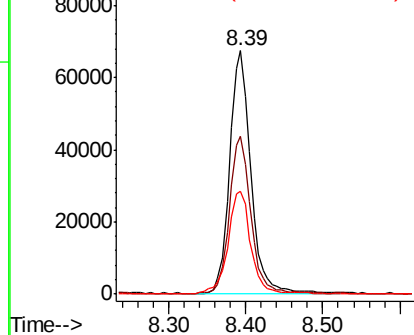


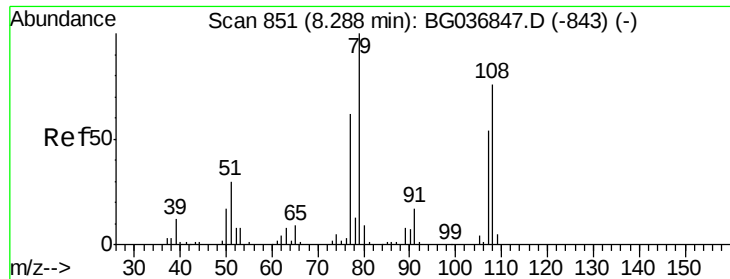
#14
 1,2-Dichlorobenzene
 Concen: 39.031 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion:146 Resp: 130812
 Ion Ratio Lower Upper
 146 100
 148 64.8 55.0 82.6
 111 42.2 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: 36.602 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

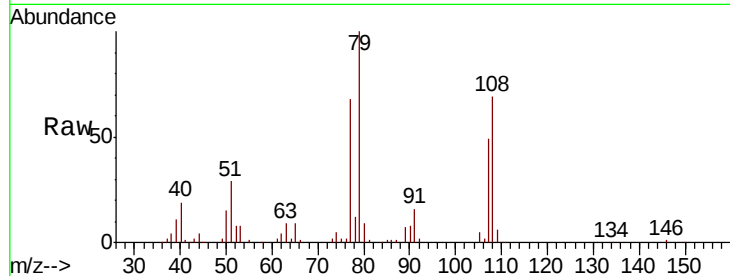
Tgt Ion: 79 Resp: 109087

Ion Ratio Lower Upper

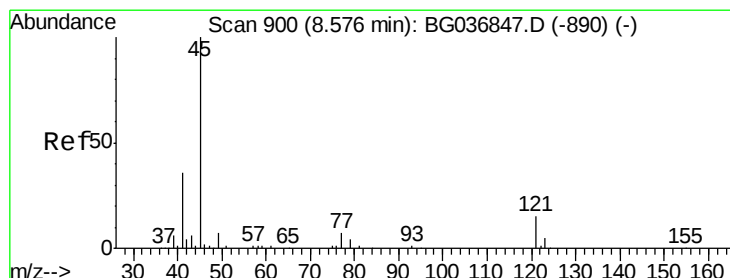
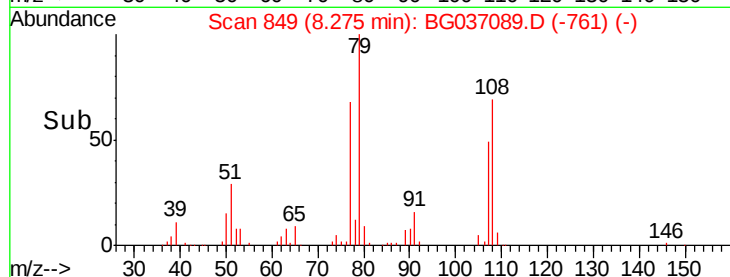
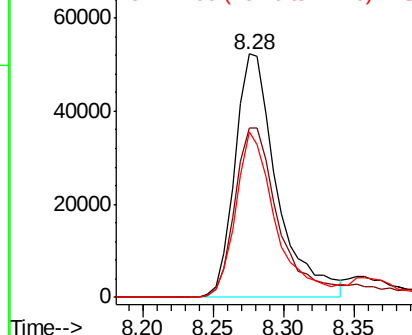
79 100

108 69.3 55.9 83.9

77 67.8 50.0 75.0



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: 36.891 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.02 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

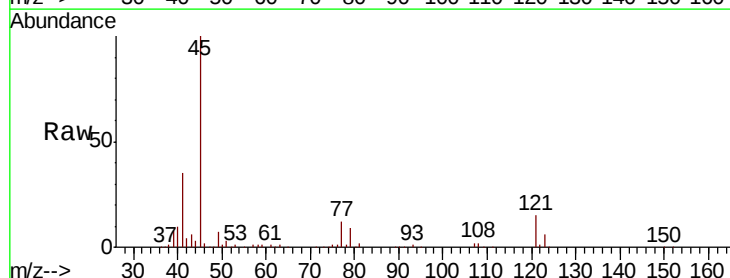
Tgt Ion: 45 Resp: 248348

Ion Ratio Lower Upper

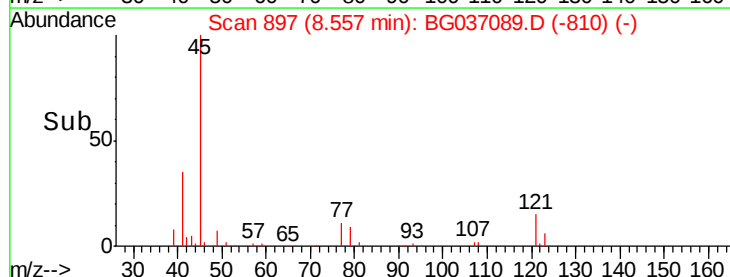
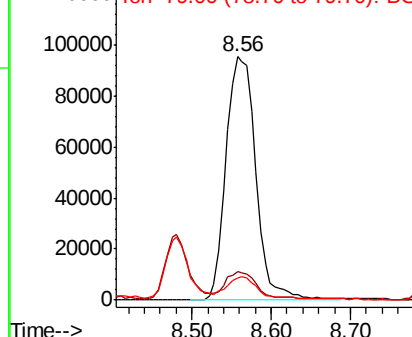
45 100

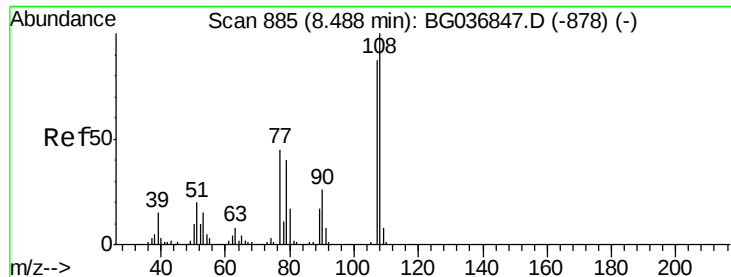
77 11.8 0.0 30.5

79 9.2 0.0 27.9



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

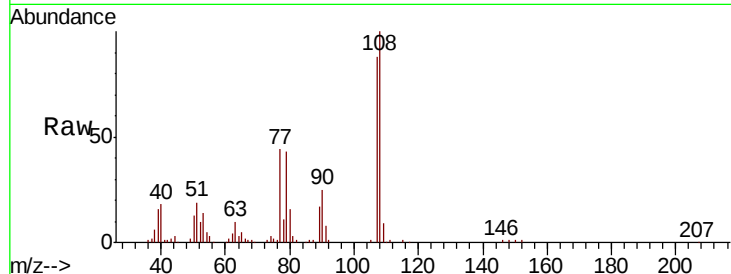




#17
2-Methylphenol
Concen: 40.067 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Instrument :
BNA_G
ClientSampleId :
PB113393BSD

Tgt Ion:	107	Resp:	105797
Ion	Ratio	Lower	Upper
107	100		
108	113.2	86.7	130.1
77	50.3	39.0	58.4
79	49.1	36.6	54.8



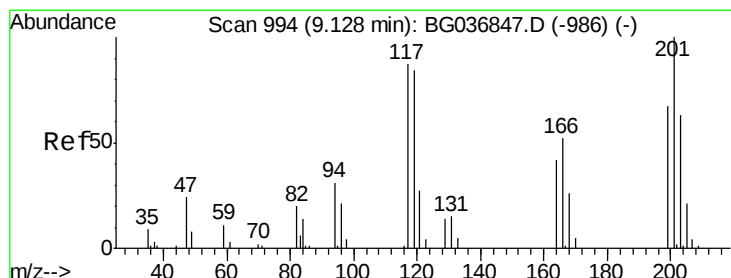
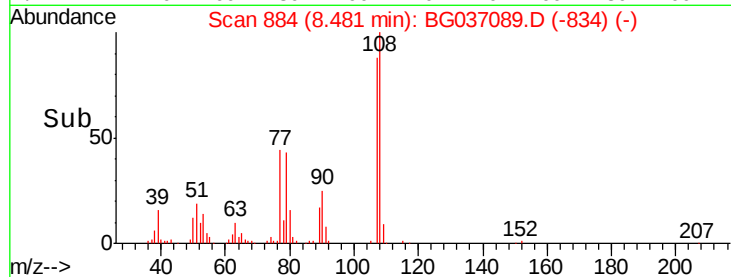
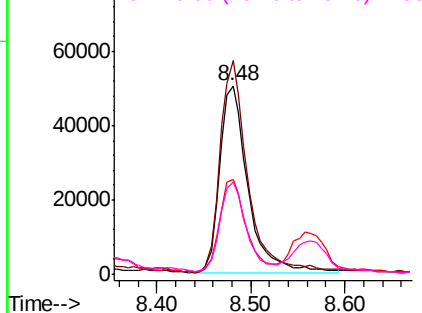
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

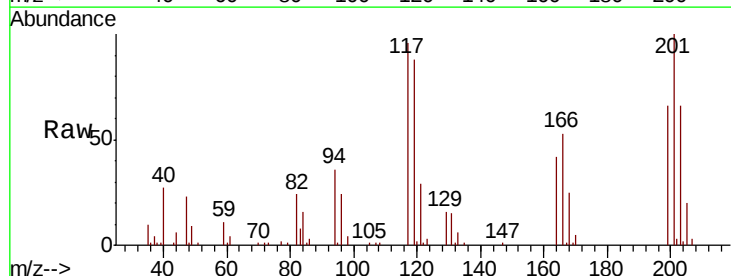
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.879 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion:	117	Resp:	52027
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.8	115.2
201	104.0	85.7	128.5

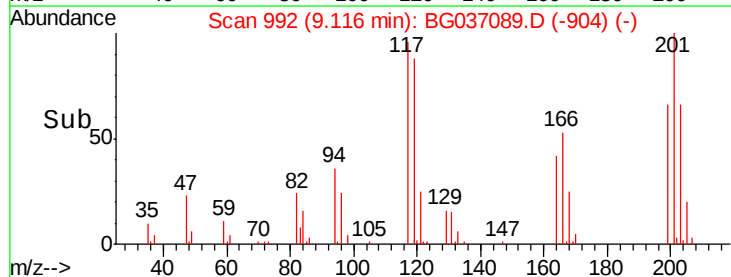
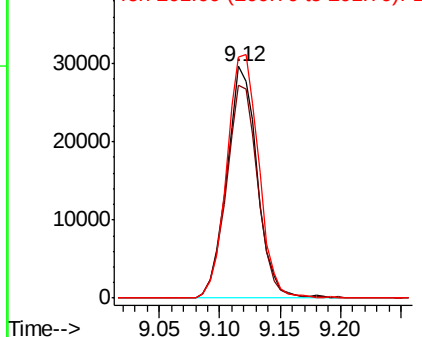


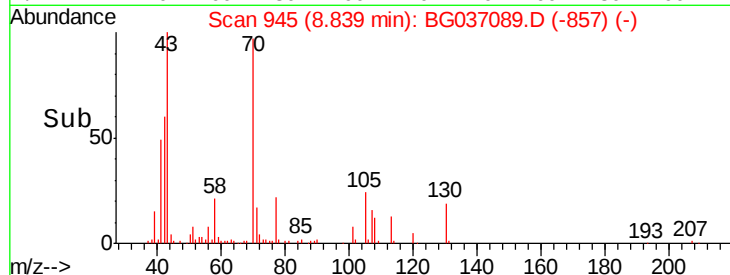
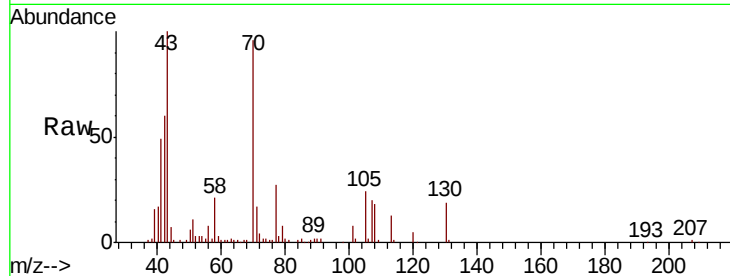
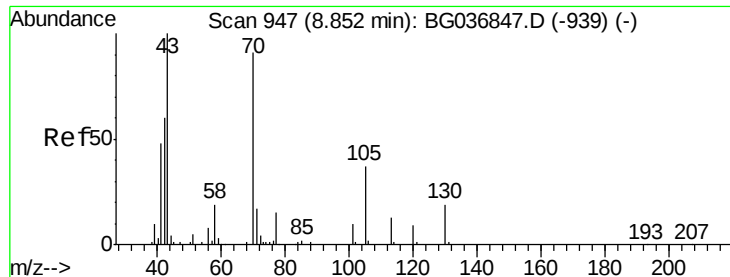
Abundance

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

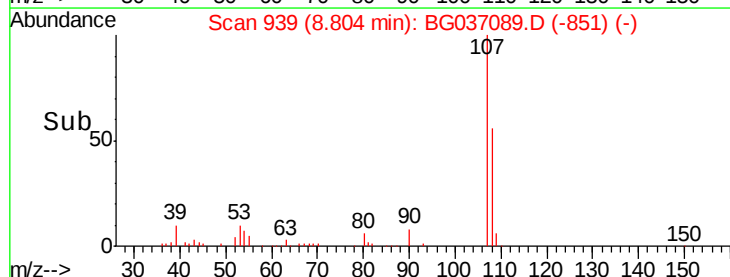
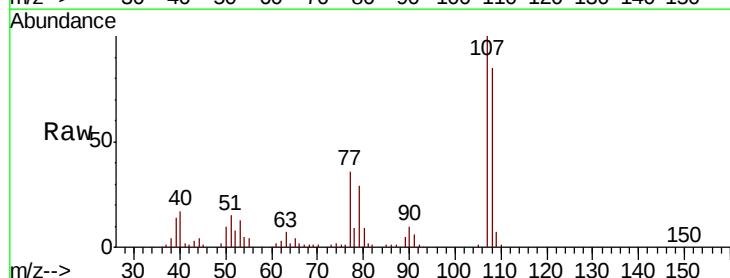
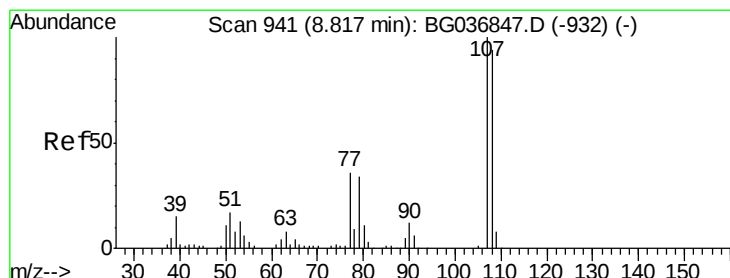
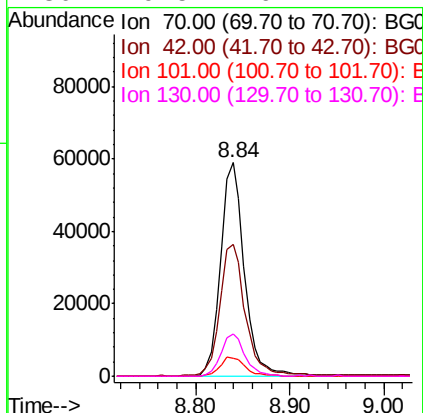




#19
n-Nitroso-di-n-propylamine
Concen: 34.227 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

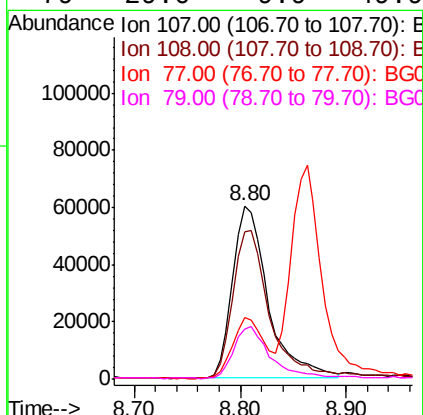
Instrument :
BNA_G
ClientSampleId :
PB113393BSD

Tgt Ion: 70 Resp: 104584
Ion Ratio Lower Upper
70 100
42 61.9 56.2 84.4
101 8.3 7.8 11.6
130 19.5 16.2 24.2



#20
3+4-Methylphenols
Concen: 38.482 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion: 107 Resp: 141362
Ion Ratio Lower Upper
107 100
108 84.9 68.0 108.0
77 35.7 15.6 55.6
79 29.0 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

Tgt Ion:136 Resp: 193889

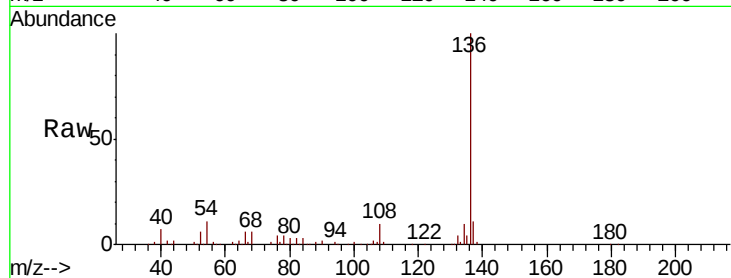
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.0 9.2 13.8

68 6.4 5.8 8.6

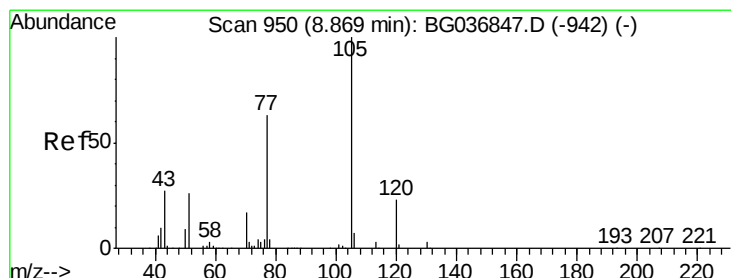
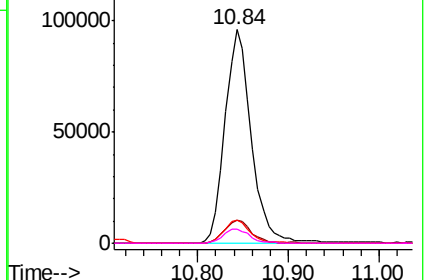
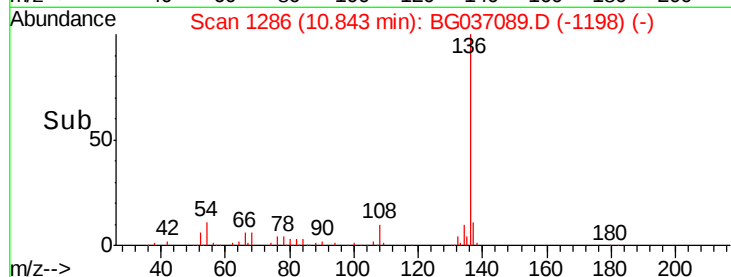


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.349 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Tgt Ion:105 Resp: 188400

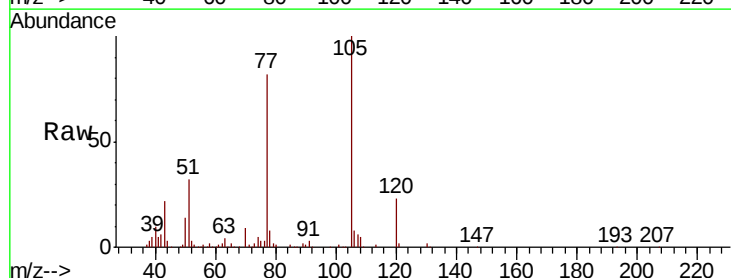
Ion Ratio Lower Upper

105 100

71 1.4 2.4 3.6#

51 32.1 25.9 38.9

120 23.4 19.4 29.0

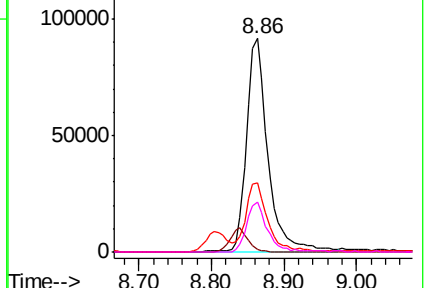
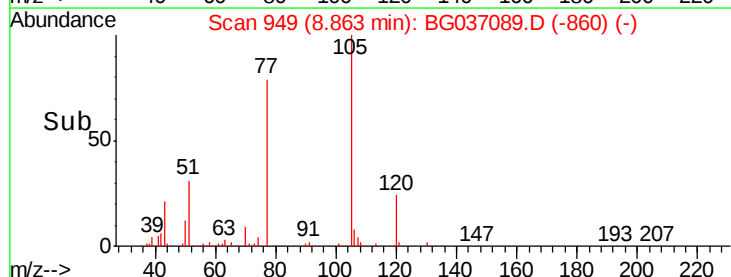


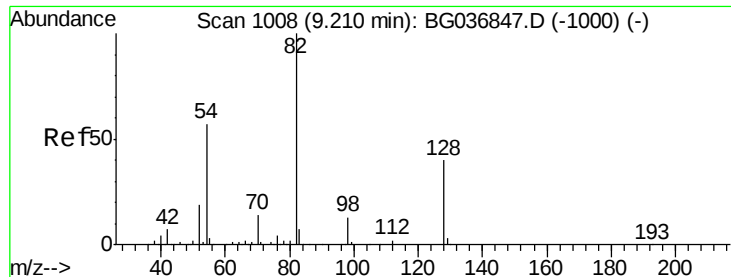
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

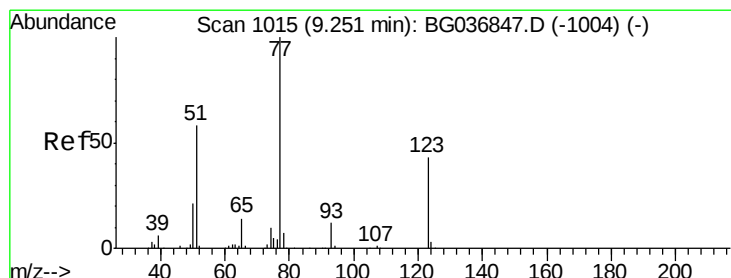
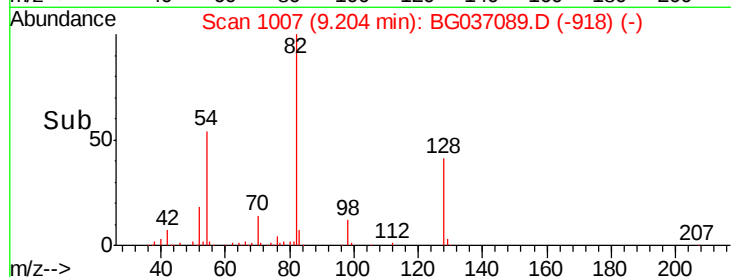
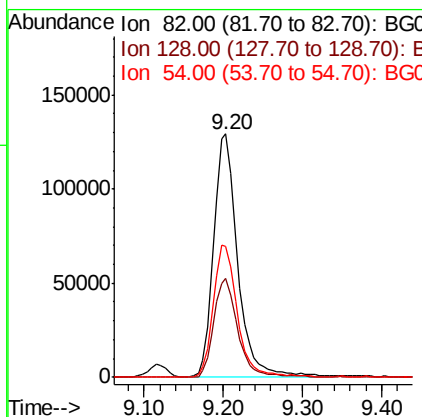
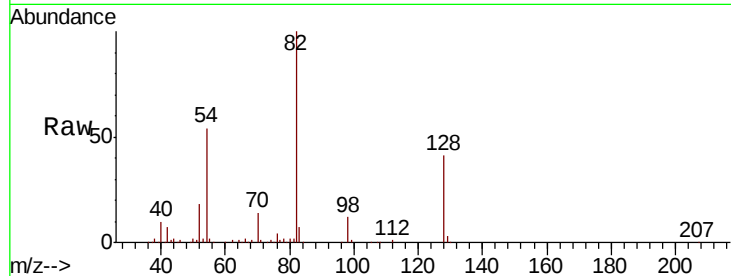




#23
 Nitrobenzene-d5
 Concen: 75.217 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

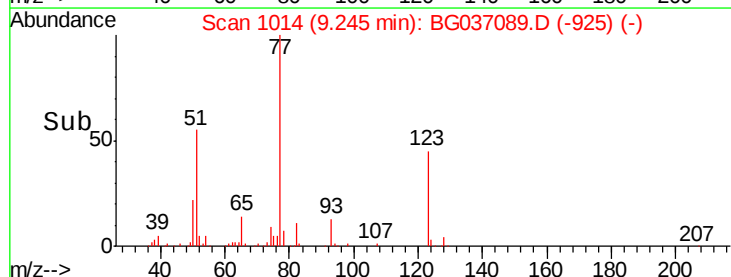
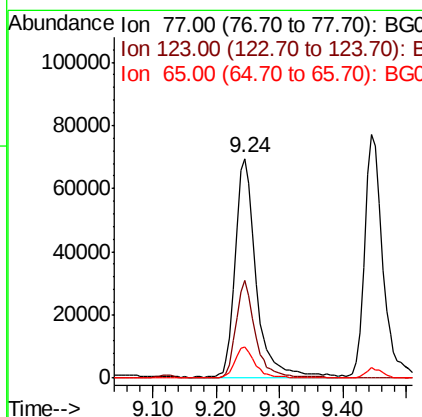
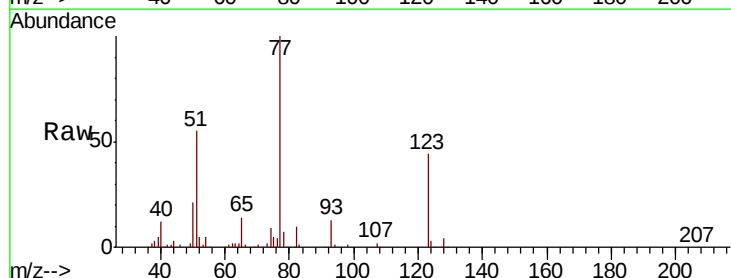
Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

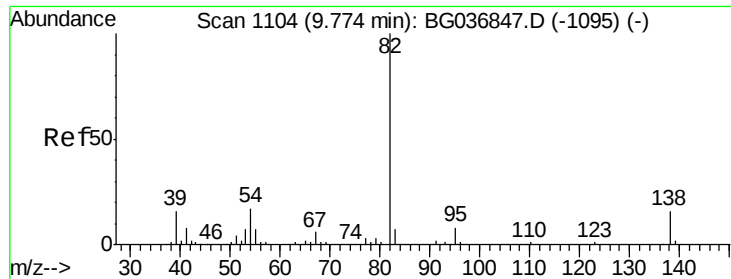
Tgt Ion: 82 Resp: 272333
 Ion Ratio Lower Upper
 82 100
 128 40.6 33.3 49.9
 54 54.0 45.1 67.7



#24
 Nitrobenzene
 Concen: 40.218 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion: 77 Resp: 155504
 Ion Ratio Lower Upper
 77 100
 123 44.5 32.4 48.6
 65 14.0 11.5 17.3





#25

Isophorone

Concen: 44.137 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

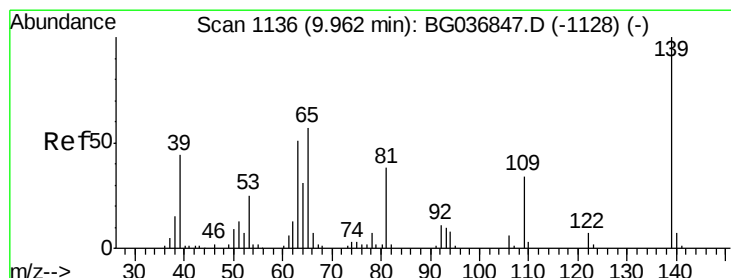
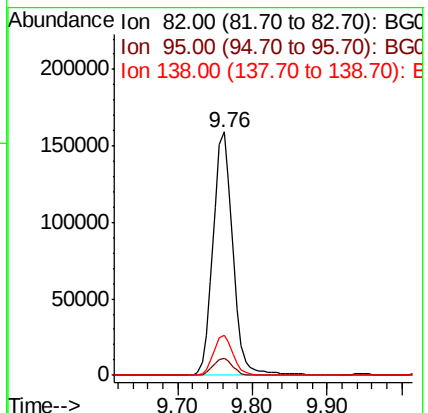
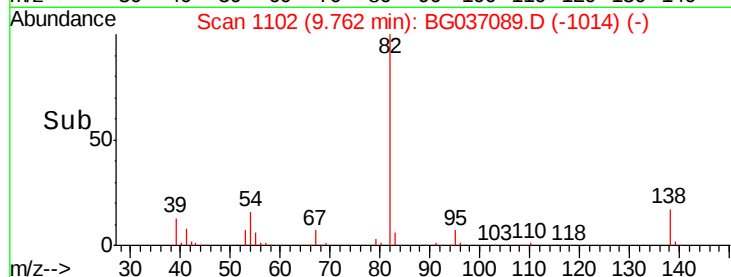
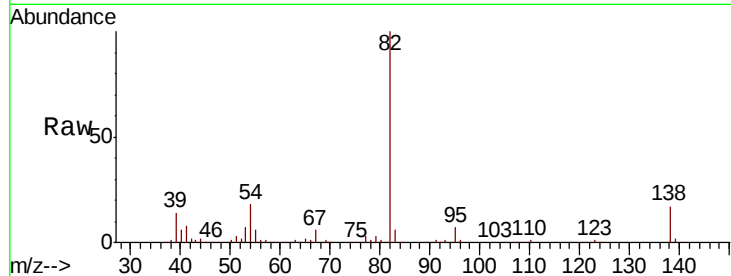
Tgt Ion: 82 Resp: 291995

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

138 16.5 12.9 19.3



#26

2-Nitrophenol

Concen: 42.310 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

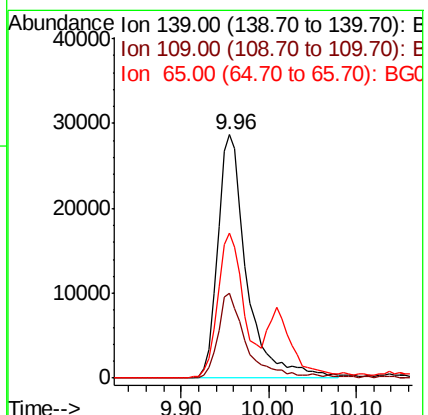
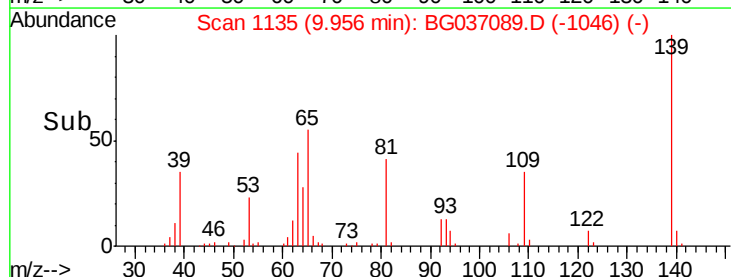
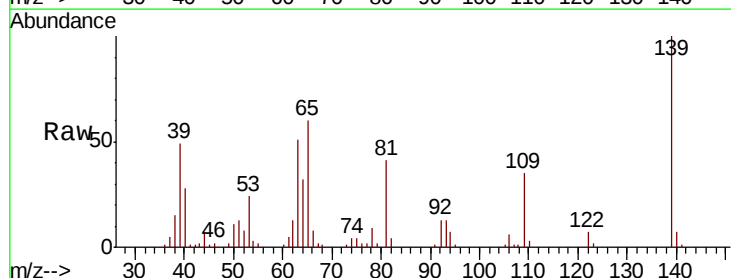
Tgt Ion: 139 Resp: 65207

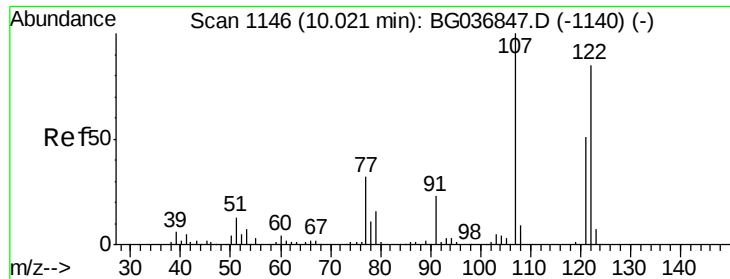
Ion Ratio Lower Upper

139 100

109 35.1 27.4 41.0

65 59.8 47.8 71.6

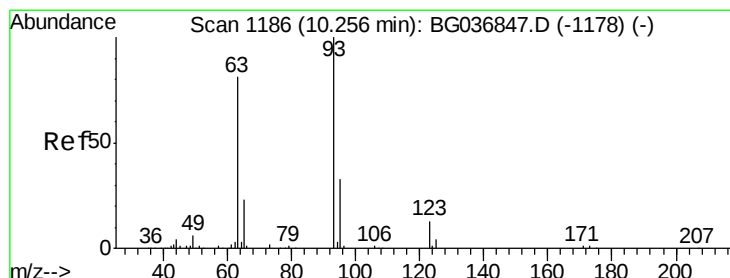
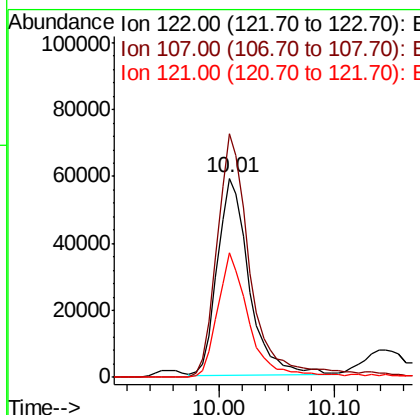
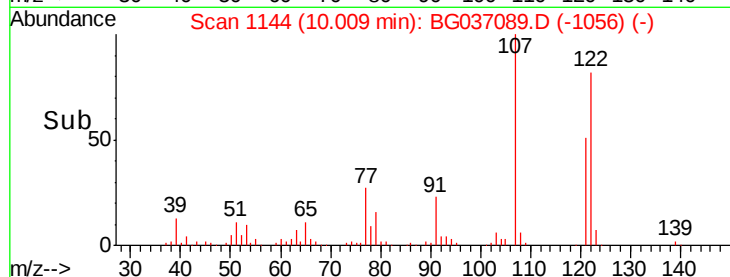
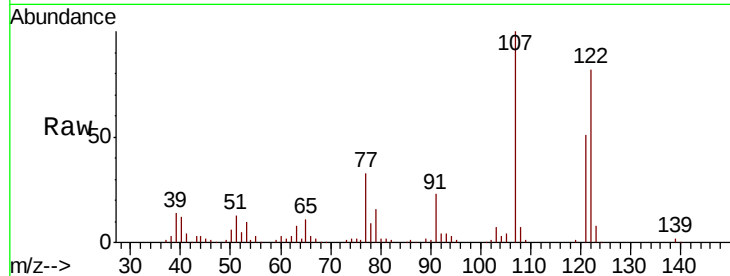




#27
 2,4-Dimethylphenol
 Concen: 46.941 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

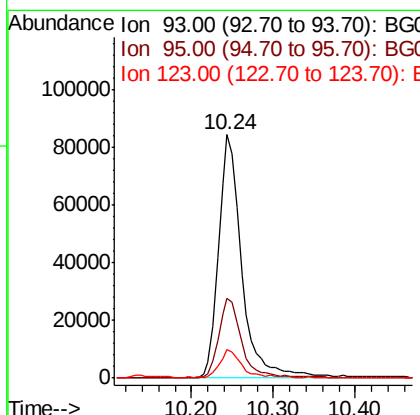
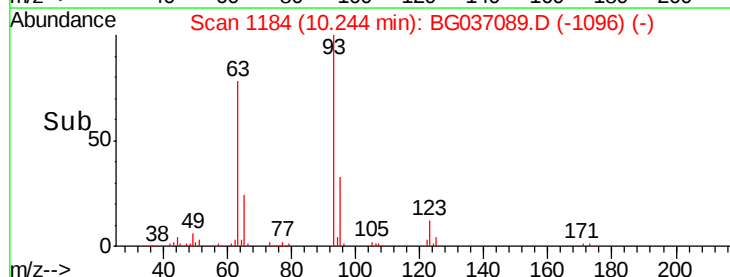
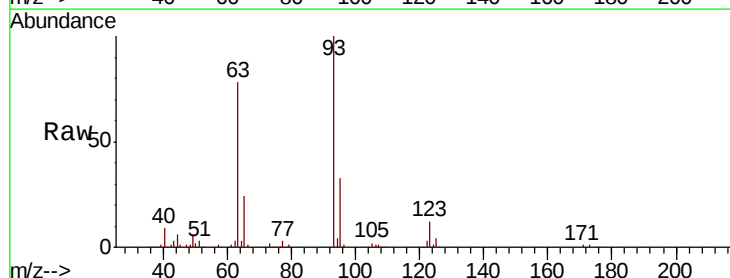
Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

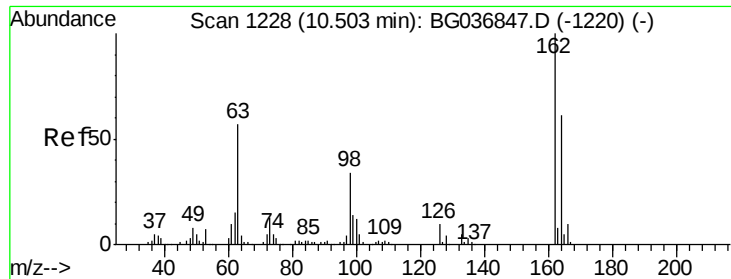
Tgt Ion:122 Resp: 112690
 Ion Ratio Lower Upper
 122 100
 107 122.1 96.0 144.0
 121 62.7 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.034 ng
 RT: 10.24 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion: 93 Resp: 167510
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.2 37.8
 123 11.6 8.6 12.8

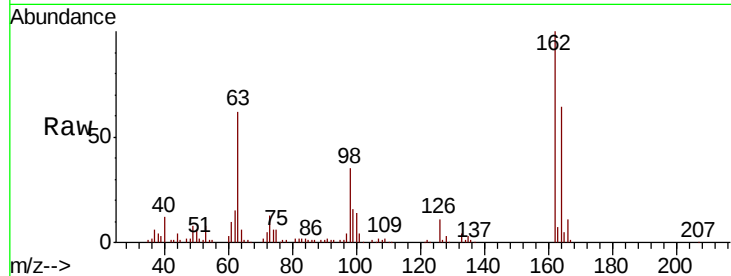




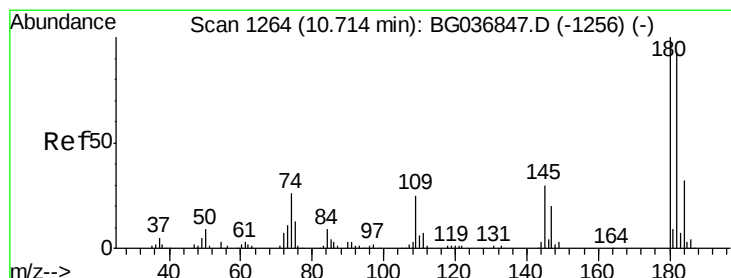
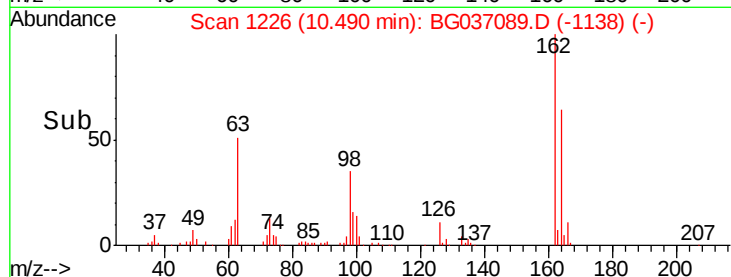
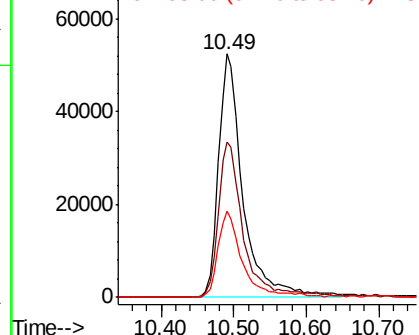
#29
2,4-Dichlorophenol
Concen: 43.974 ng
RT: 10.49 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Instrument :
BNA_G
ClientSampleId :
PB113393BSD

Tgt Ion:162 Resp: 122378
Ion Ratio Lower Upper
162 100
164 63.6 47.6 87.6
98 35.4 19.2 59.2

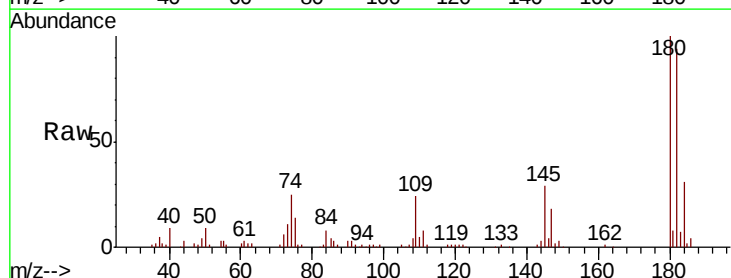


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

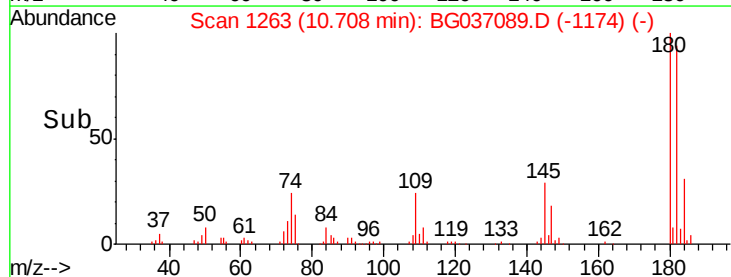
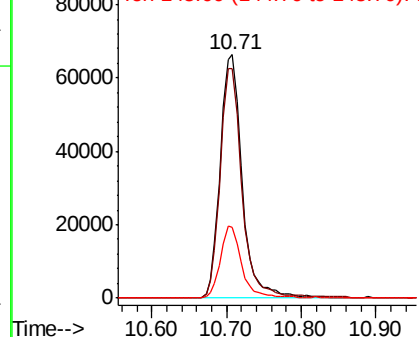


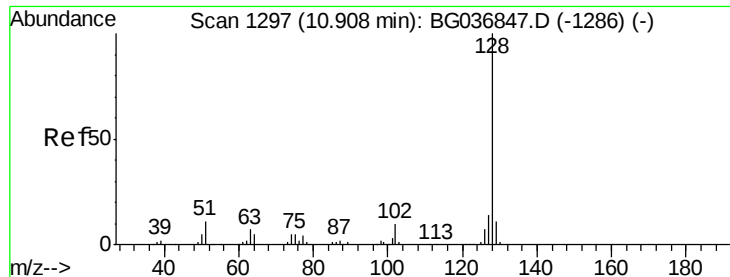
#30
1,2,4-Trichlorobenzene
Concen: 39.007 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion:180 Resp: 135848
Ion Ratio Lower Upper
180 100
182 94.4 76.0 114.0
145 29.1 22.9 34.3



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: 42.018 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

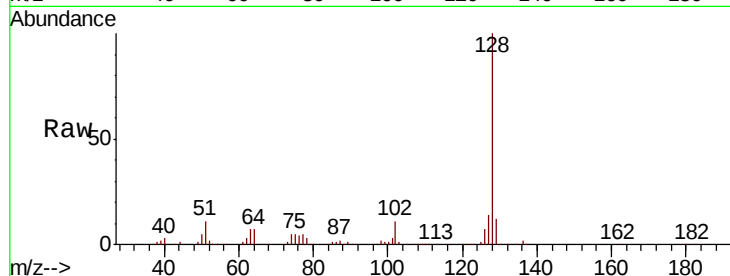
Tgt Ion:128 Resp: 387636

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

127 13.6 11.0 16.4

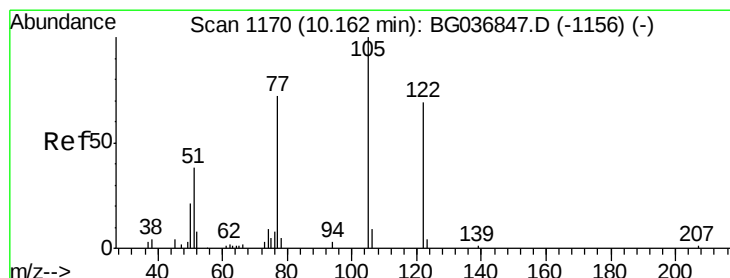
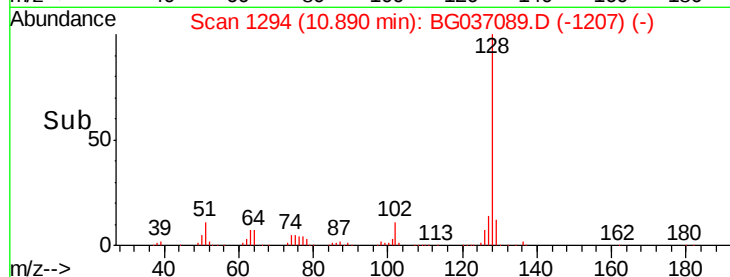
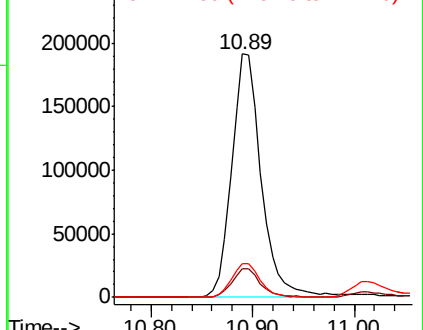


Abundance

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: 15.284 ng

RT: 10.14 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

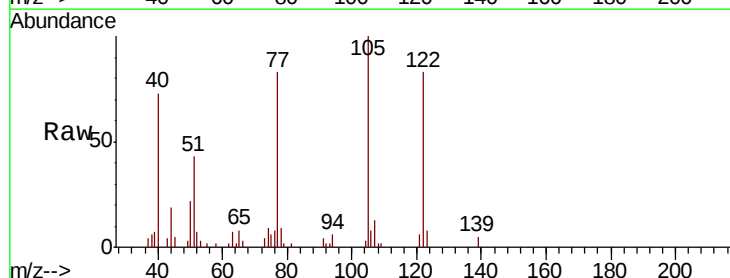
Tgt Ion:122 Resp: 19812

Ion Ratio Lower Upper

122 100

105 121.0 108.1 148.1

77 101.0 76.3 116.3

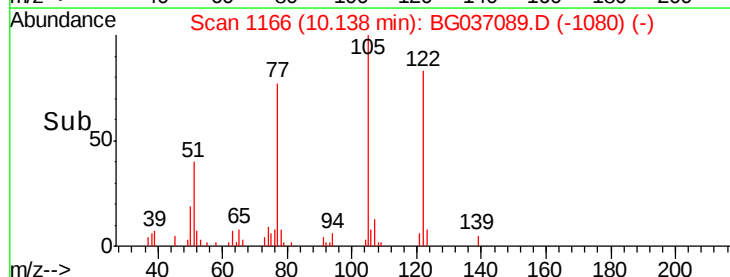
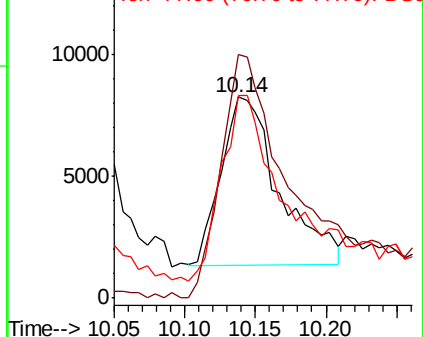


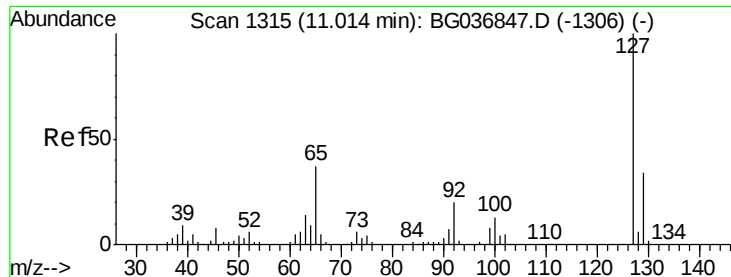
Abundance

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): BGC

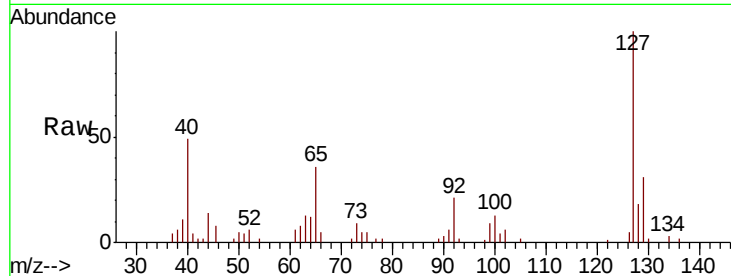




#33
4-Chloroaniline
Concen: 8.796 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Instrument :
BNA_G
ClientSampleId :
PB113393BSD

Tgt Ion:	127	Resp:	36896
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	36.4	27.5	41.3
92	20.7	16.2	24.2



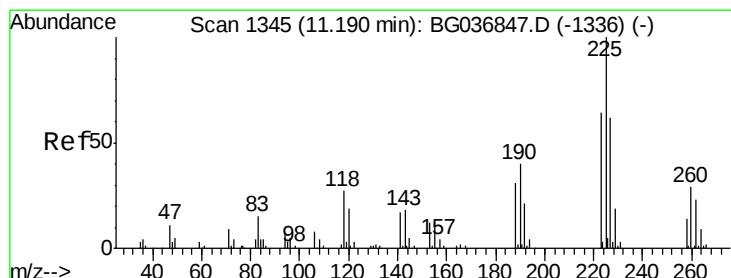
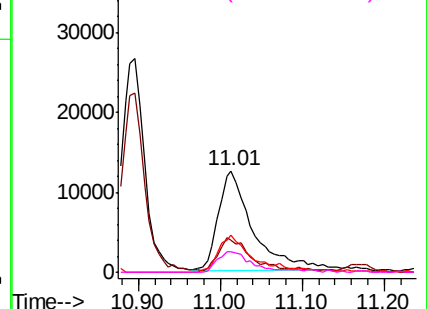
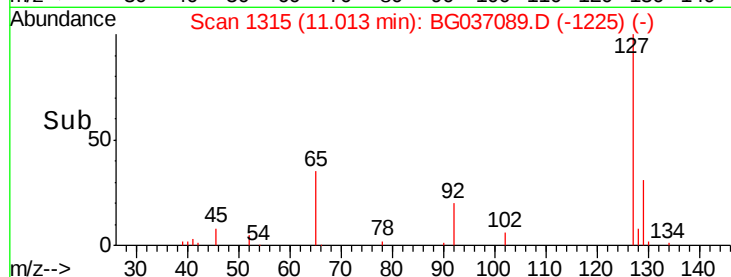
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

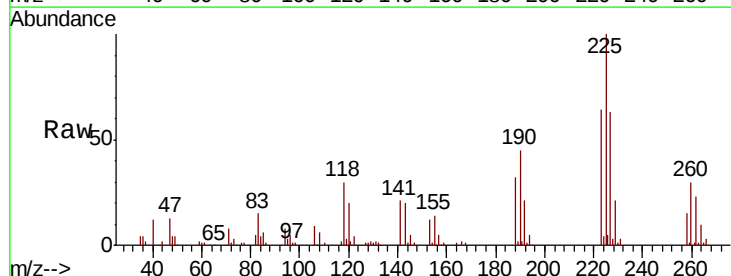
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.620 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion:	225	Resp:	90605
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.8	77.8
227	63.4	49.8	74.6

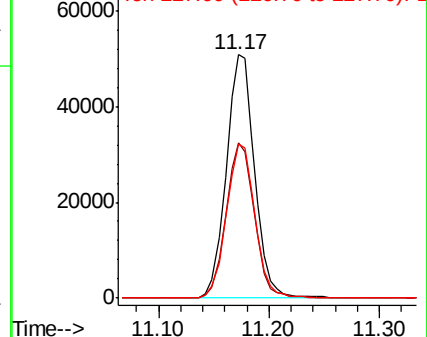
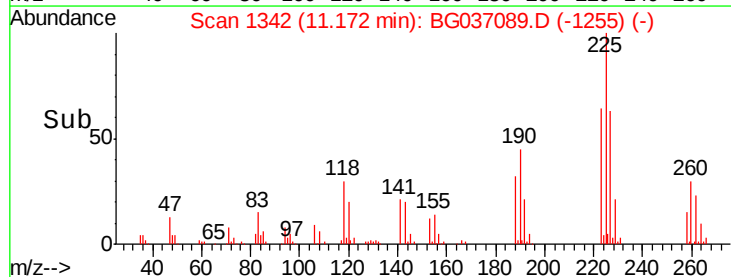


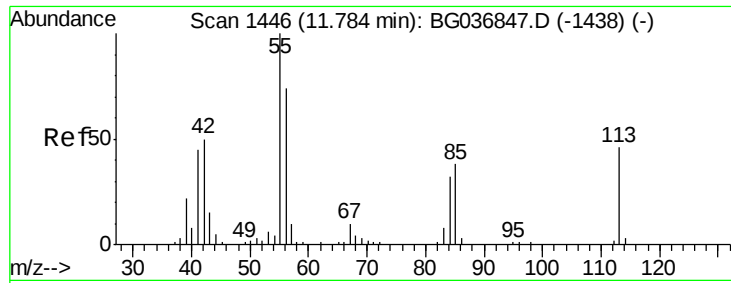
Abundance

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: 39.876 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

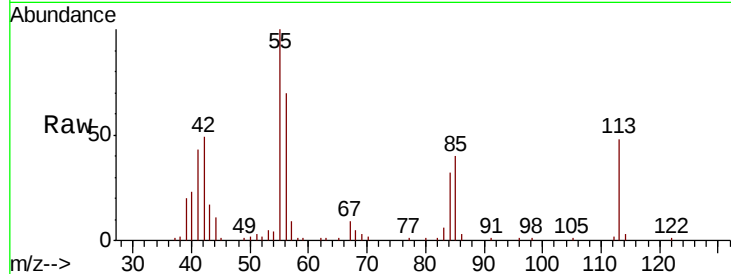
Tgt Ion:113 Resp: 45675

Ion Ratio Lower Upper

113 100

55 207.7 197.7 237.7

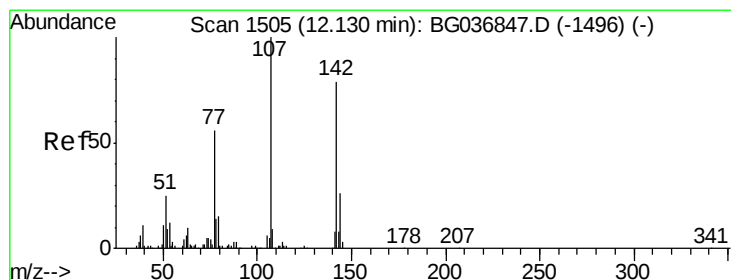
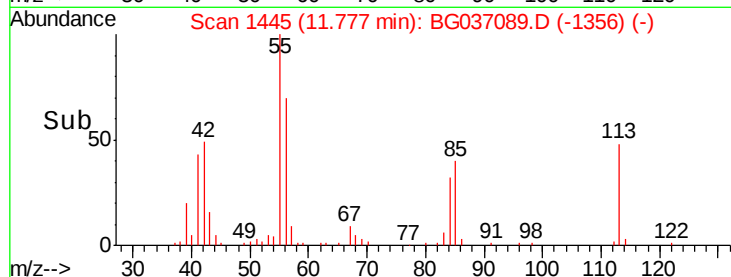
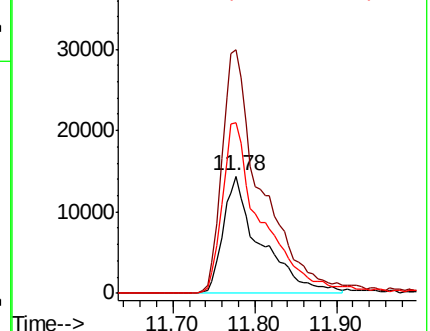
56 145.5 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.723 ng

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

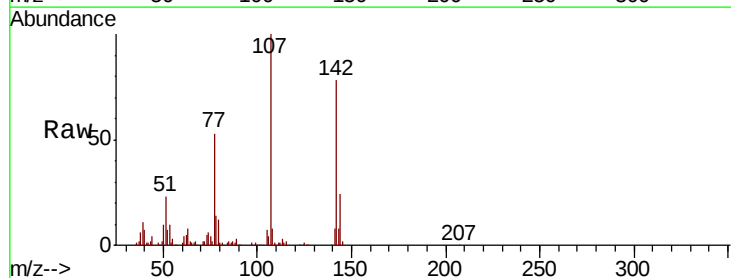
Tgt Ion:107 Resp: 141865

Ion Ratio Lower Upper

107 100

144 24.3 19.5 29.3

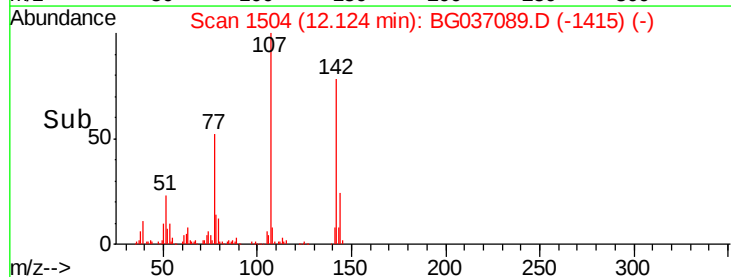
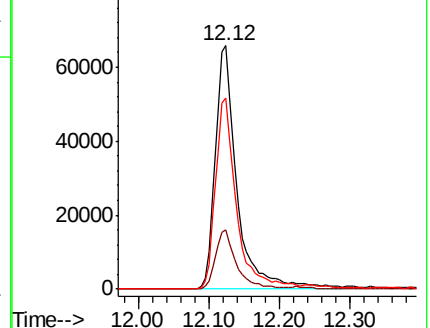
142 78.3 62.4 93.6

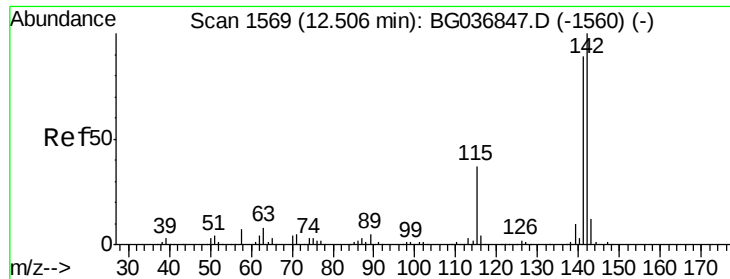


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

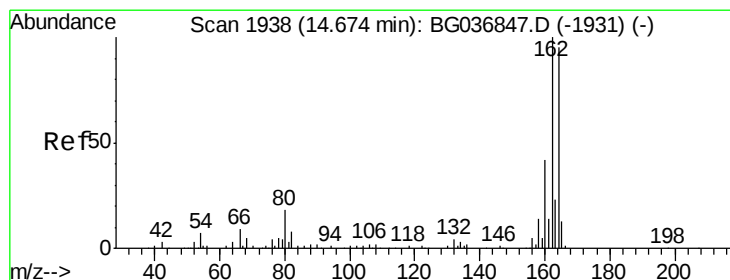
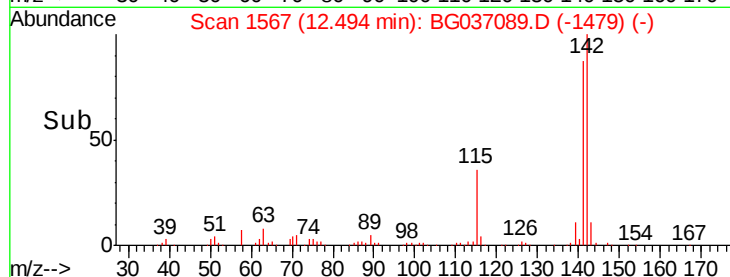
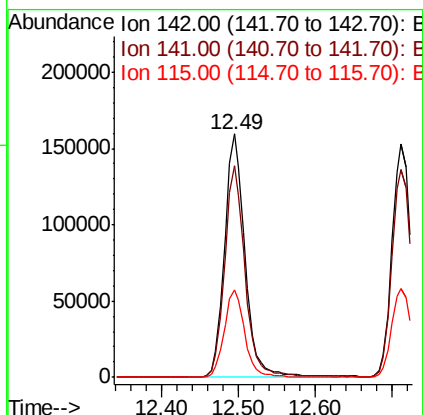
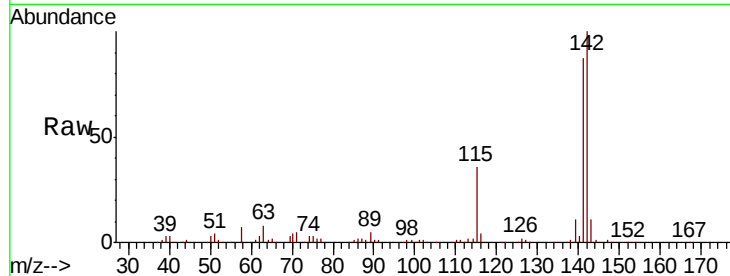




#37
 2-Methylnaphthalene
 Concen: 42.191 ng
 RT: 12.49 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

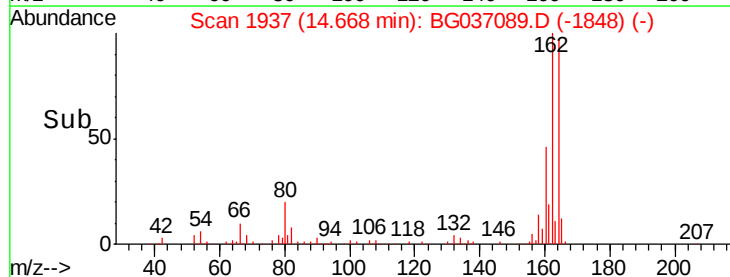
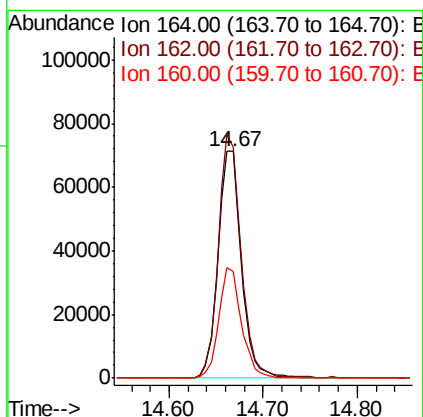
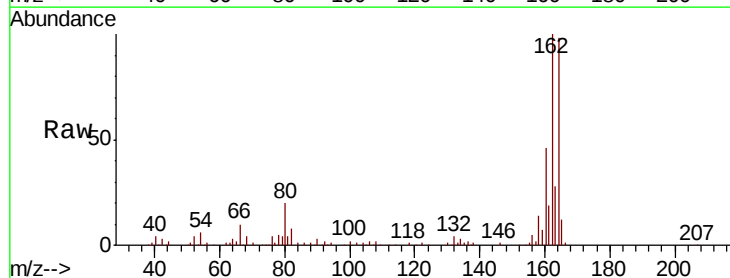
Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

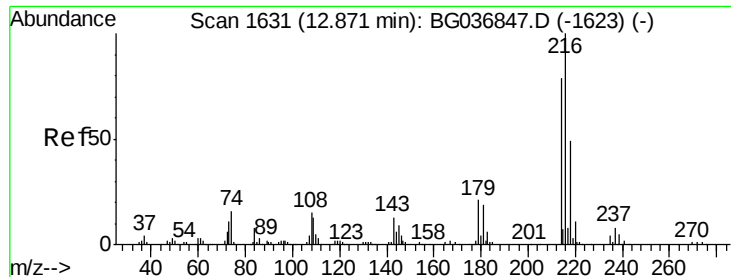
Tgt Ion:142 Resp: 296446
 Ion Ratio Lower Upper
 142 100
 141 87.0 68.5 102.7
 115 35.8 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion:164 Resp: 123719
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.7 121.1
 160 46.8 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.322 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

Tgt Ion:216 Resp: 165362

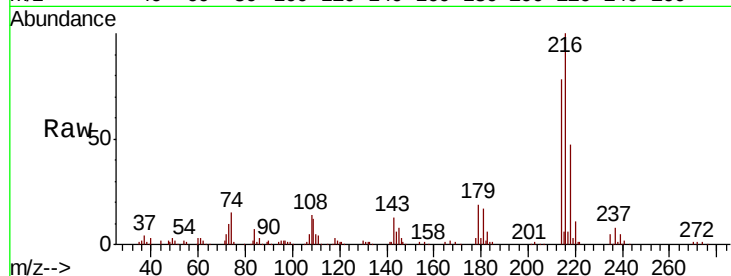
Ion Ratio Lower Upper

216 100

214 78.0 61.0 91.6

179 19.2 15.7 23.5

108 18.0 13.1 19.7

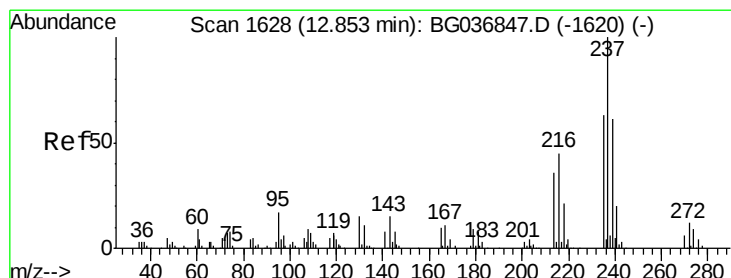
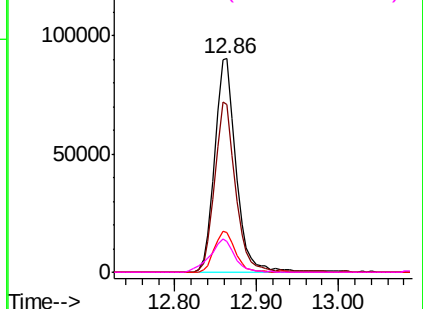
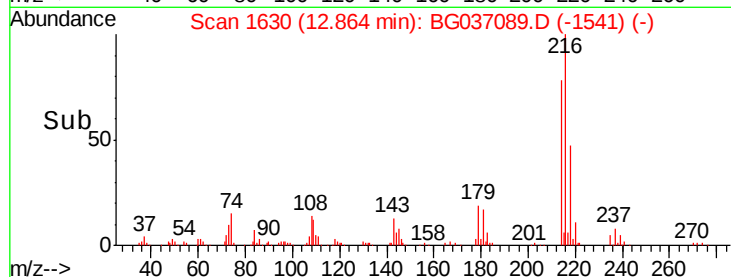


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 86.583 ng

RT: 12.83 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

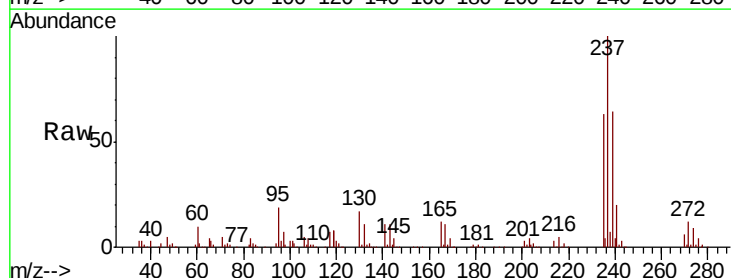
Tgt Ion:237 Resp: 192151

Ion Ratio Lower Upper

237 100

235 63.1 42.2 82.2

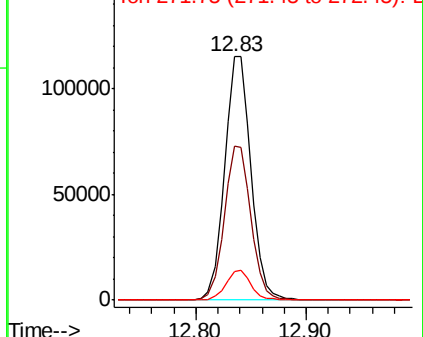
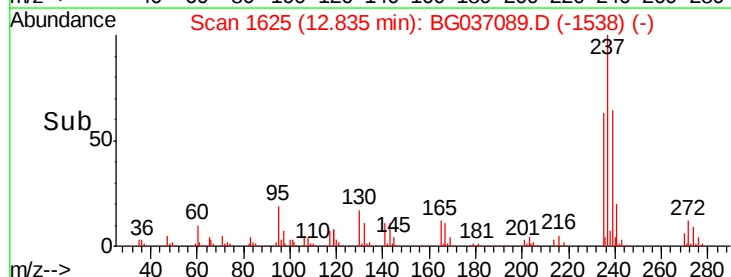
272 11.9 0.0 32.1

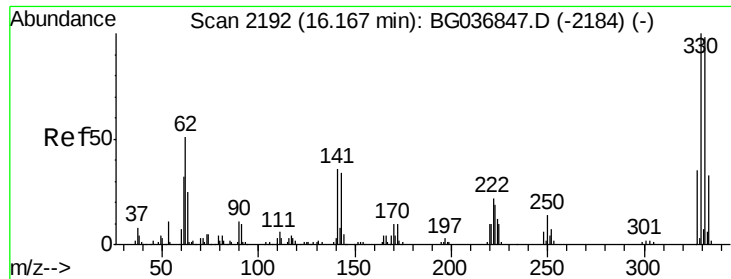


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

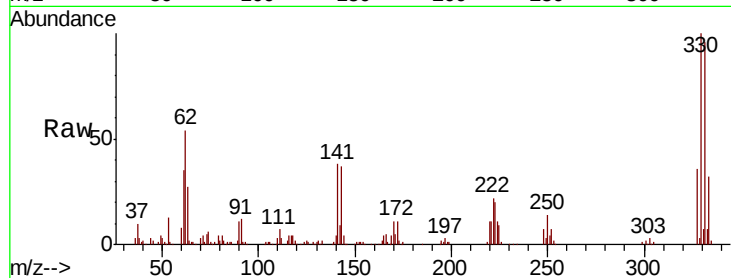




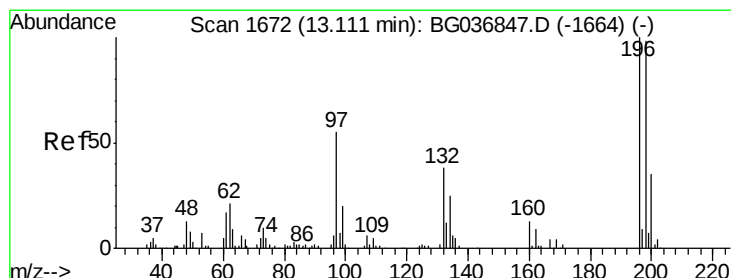
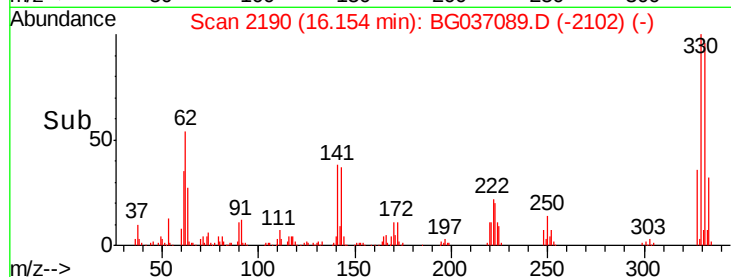
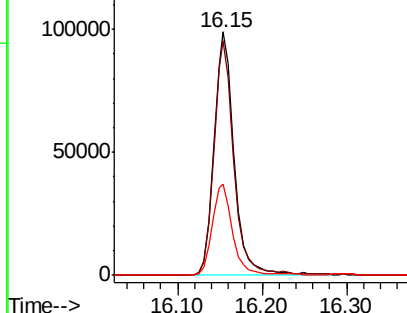
#41
 2,4,6-Tribromophenol
 Concen: 112.924 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

Tgt Ion:330 Resp: 167153
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.2
 141 38.2 30.7 46.1

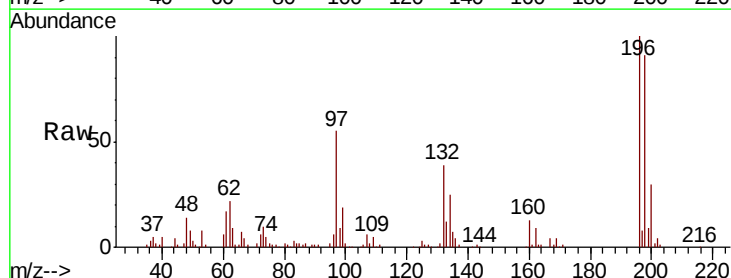


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

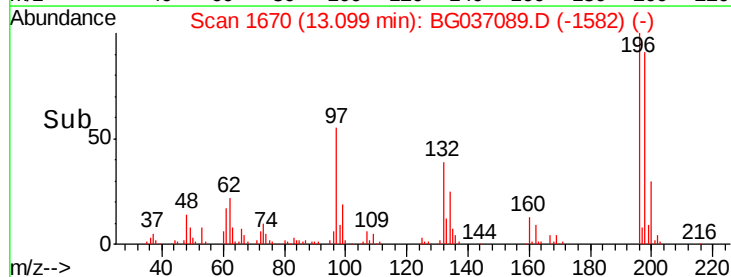
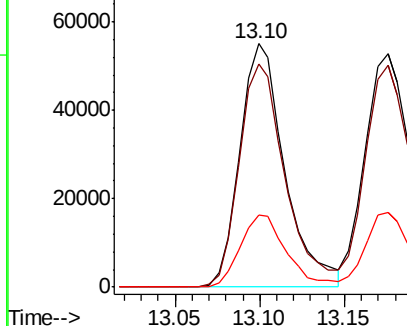


#42
 2,4,6-Trichlorophenol
 Concen: 42.505 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion:196 Resp: 101850
 Ion Ratio Lower Upper
 196 100
 198 91.5 77.2 115.8
 200 29.7 26.3 39.5



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

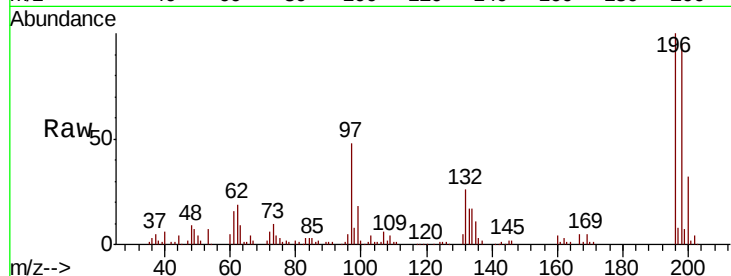




#43
 2,4,5-Trichlorophenol
 Concen: 43.521 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

Tgt Ion:	196	Resp:	111199
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.6	113.4
97	47.5	37.2	55.8
132	26.4	19.4	29.2



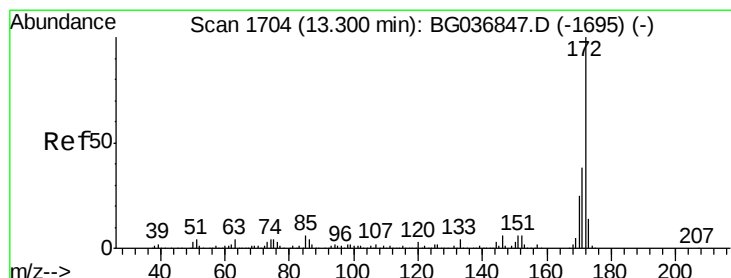
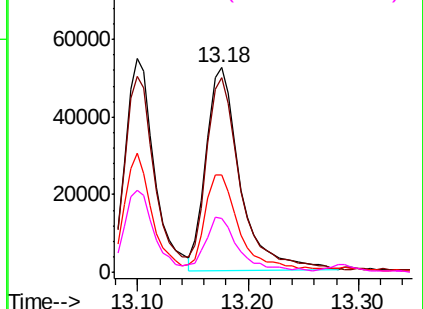
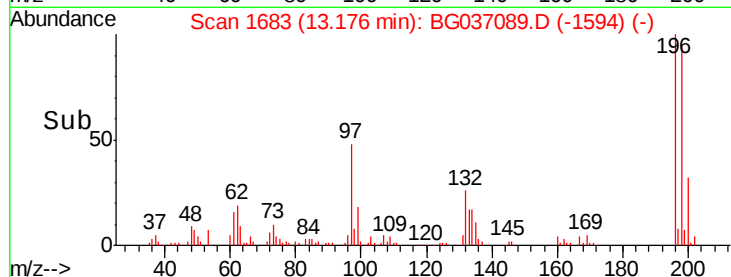
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

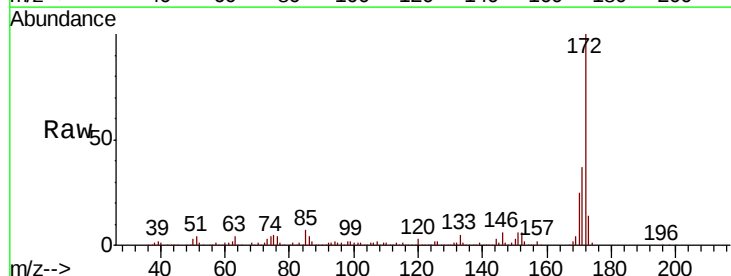
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.440 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion:	172	Resp:	593426
Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	25.3	21.0	31.6

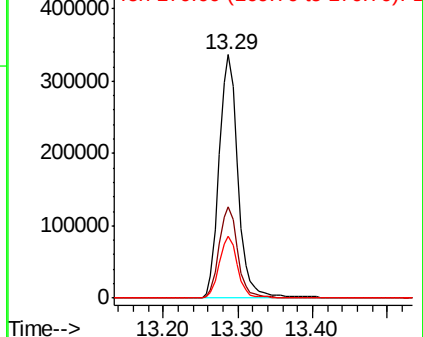
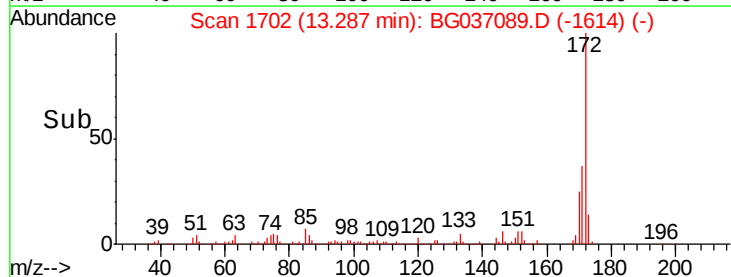


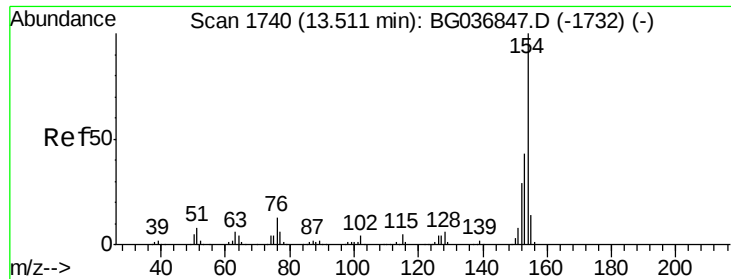
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

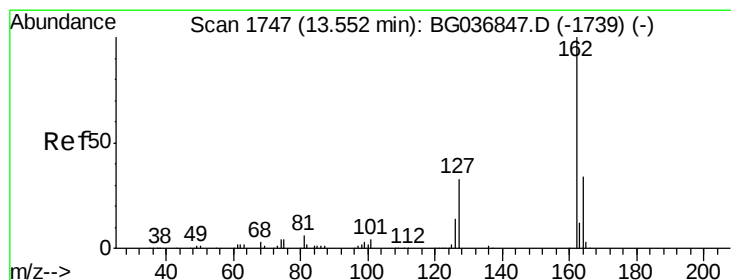
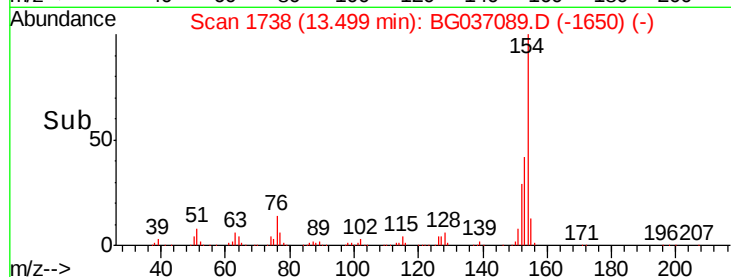
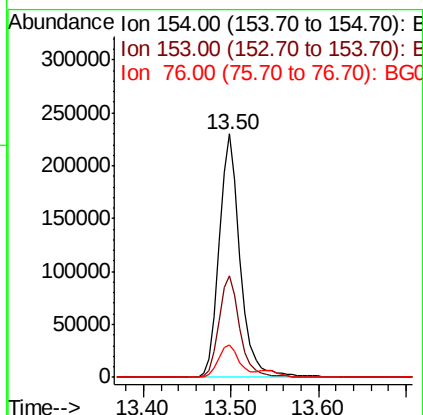
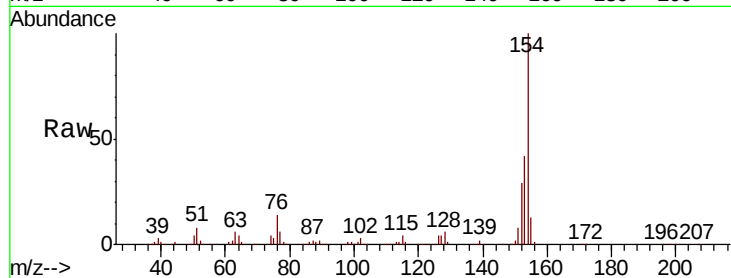




#45
 1,1'-Biphenyl
 Concen: 40.356 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

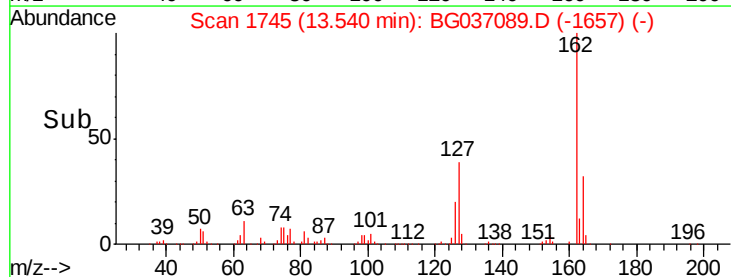
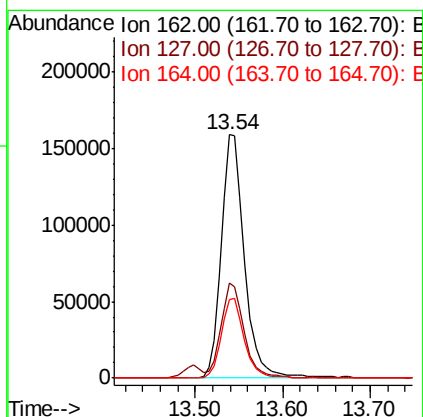
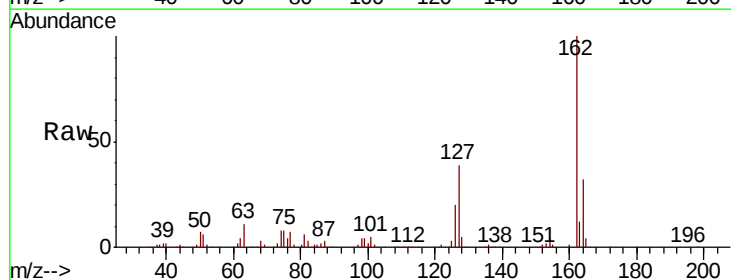
Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

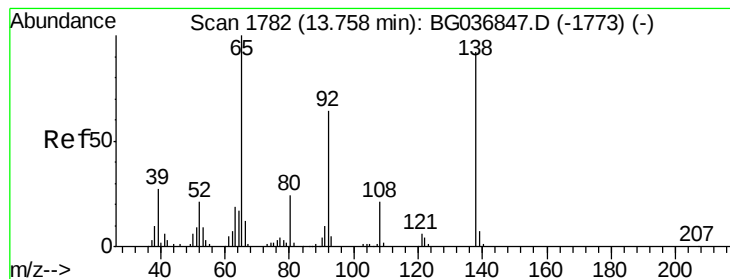
Tgt Ion:154 Resp: 382375
 Ion Ratio Lower Upper
 154 100
 153 41.5 24.0 64.0
 76 13.6 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 39.149 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion:162 Resp: 291715
 Ion Ratio Lower Upper
 162 100
 127 39.3 30.7 46.1
 164 32.4 26.7 40.1





#47

2-Nitroaniline

Concen: 41.264 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

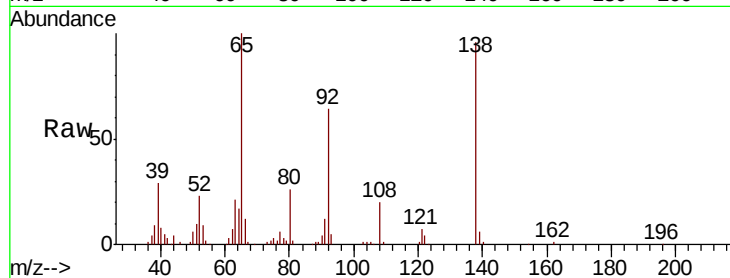
Tgt Ion: 65 Resp: 106350

Ion Ratio Lower Upper

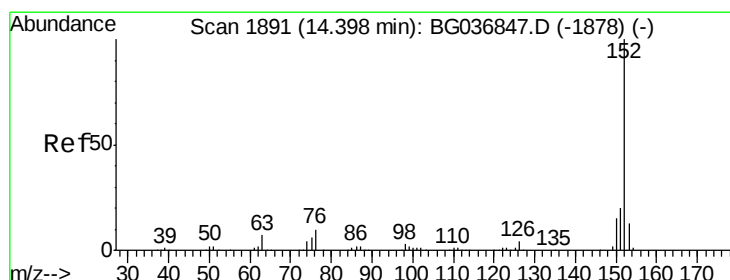
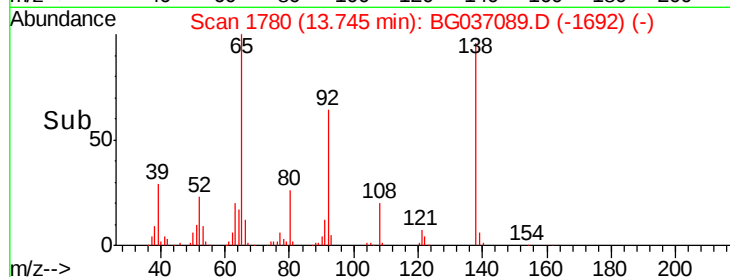
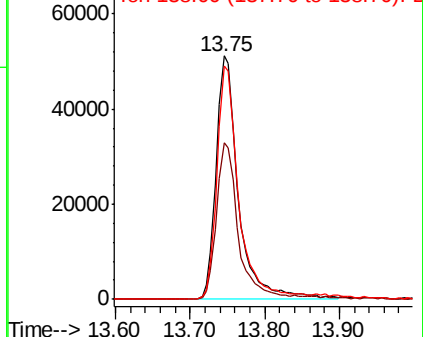
65 100

92 64.4 49.9 74.9

138 95.7 76.2 114.4



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): BGC



#48

Acenaphthylene

Concen: 43.657 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

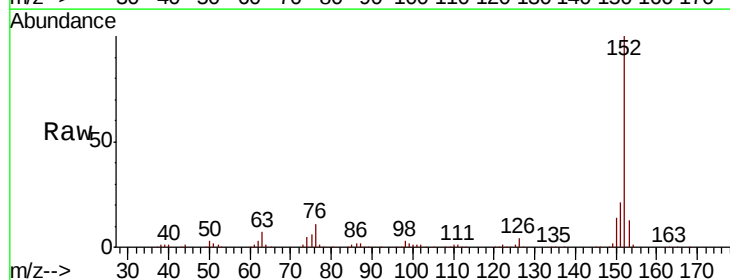
Tgt Ion: 152 Resp: 509751

Ion Ratio Lower Upper

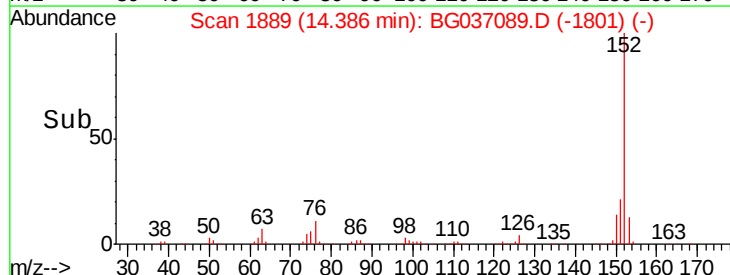
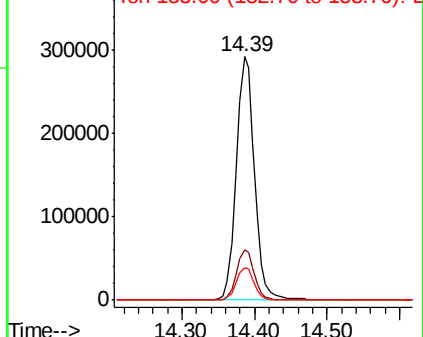
152 100

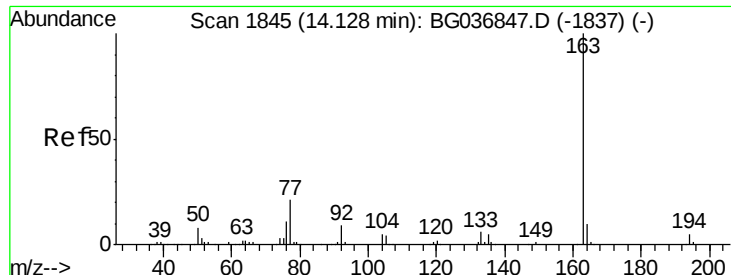
151 20.6 16.9 25.3

153 13.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 39.675 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

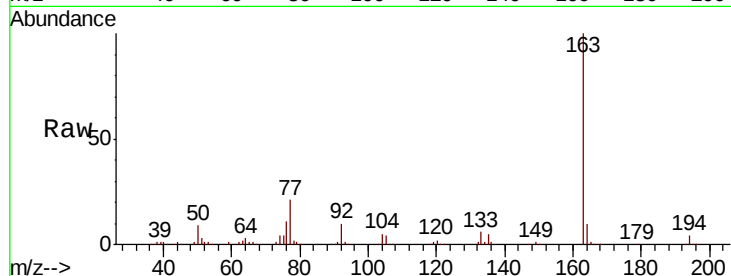
Tgt Ion:163 Resp: 395102

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

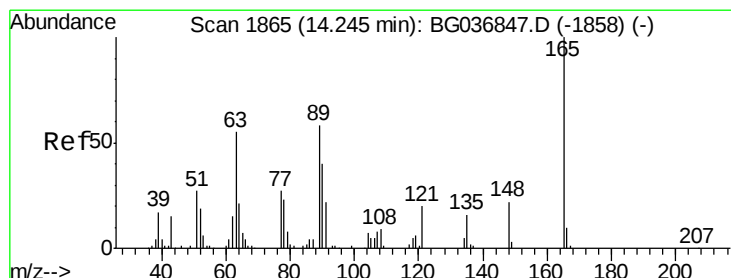
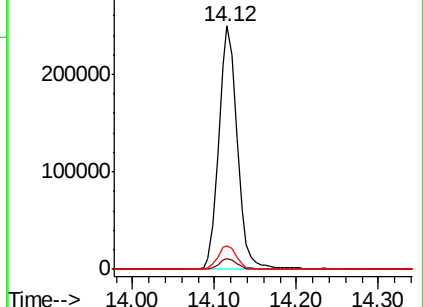
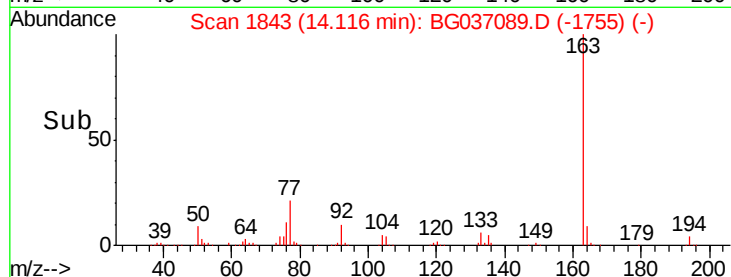
164 9.8 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 40.505 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

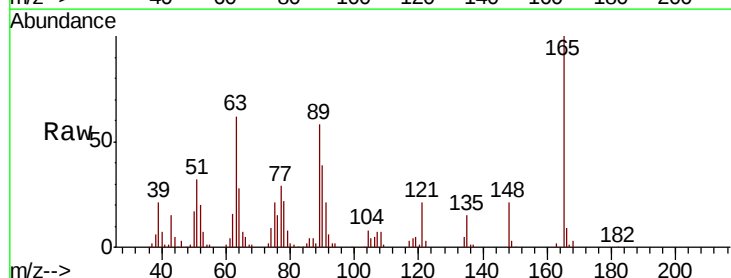
Tgt Ion:165 Resp: 88009

Ion Ratio Lower Upper

165 100

63 62.1 50.1 75.1

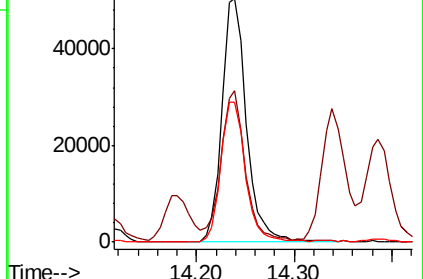
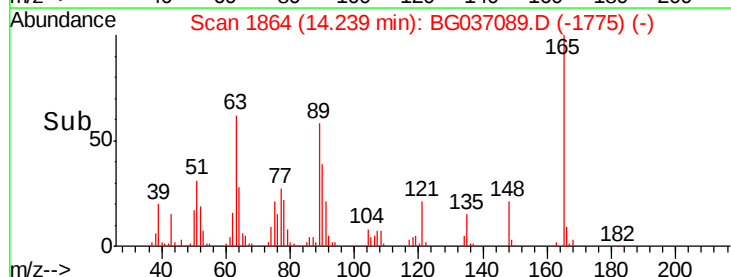
89 57.7 47.8 71.6

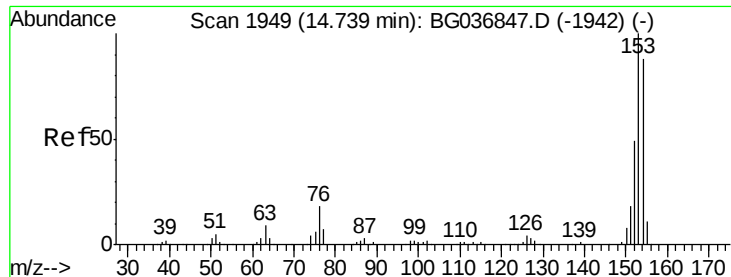


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.501 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

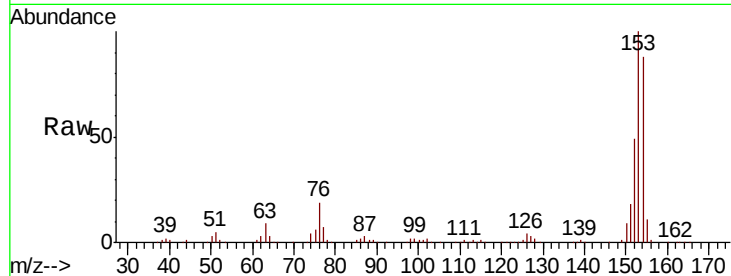
Tgt Ion:154 Resp: 285813

Ion Ratio Lower Upper

154 100

153 113.1 91.8 137.6

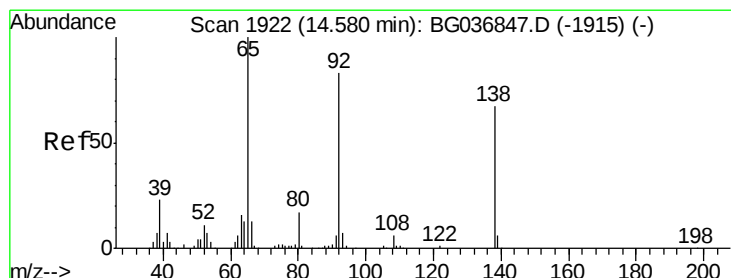
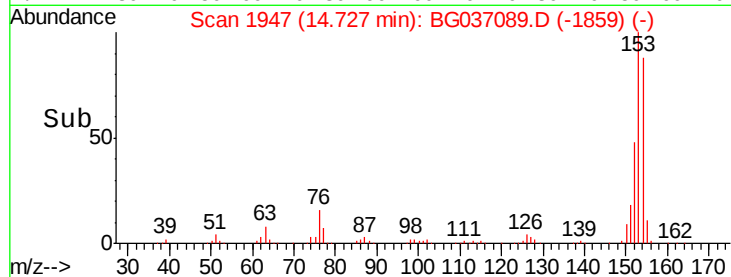
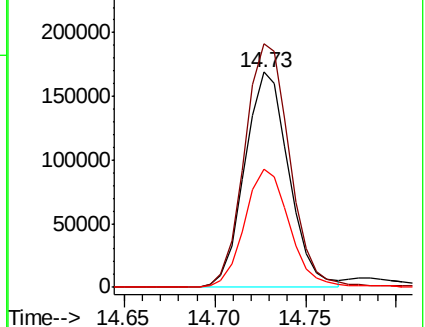
152 55.0 43.5 65.3



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



#52

3-Nitroaniline

Concen: 14.272 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

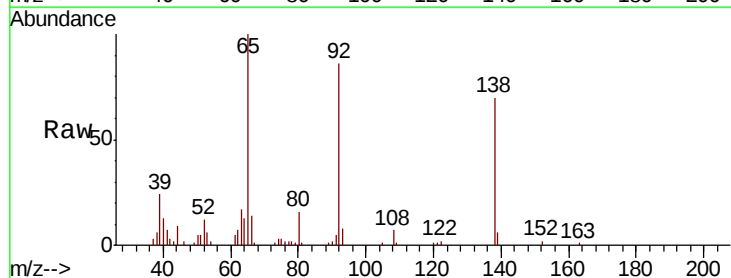
Tgt Ion:138 Resp: 32676

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.2#

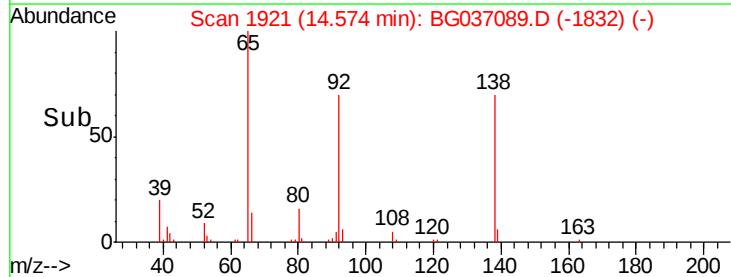
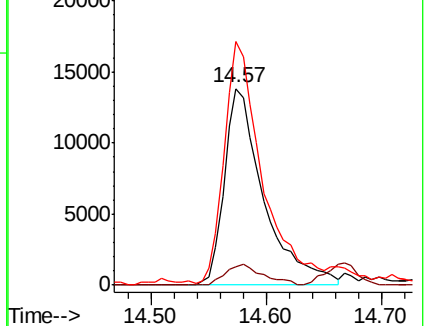
92 124.0 96.8 145.2

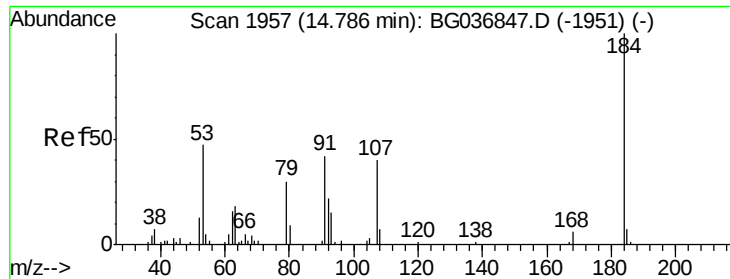


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

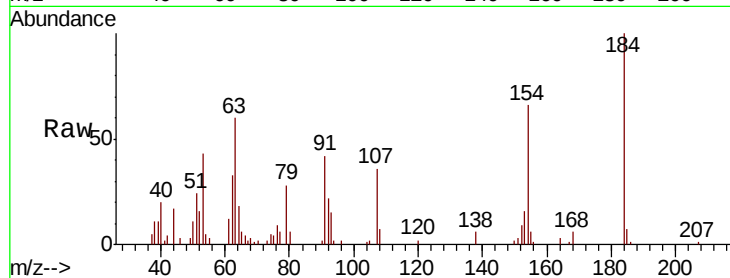




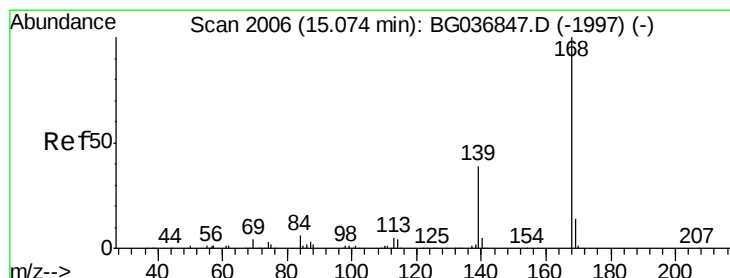
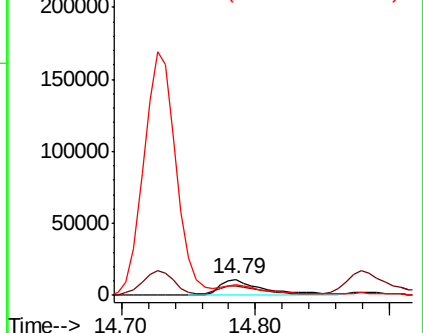
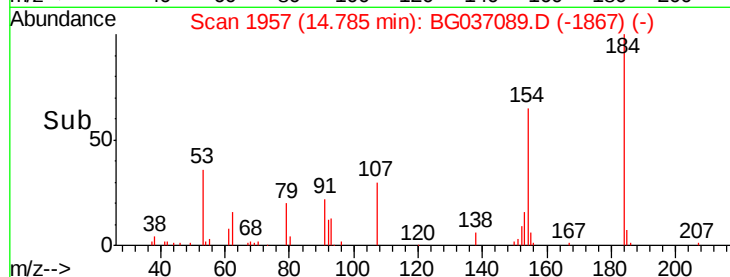
#53
2,4-Dinitrophenol
Concen: 30.889 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Instrument :
BNA_G
ClientSampleId :
PB113393BSD

Tgt Ion:184 Resp: 26166
Ion Ratio Lower Upper
184 100
63 60.4 47.3 70.9
154 66.1 51.1 76.7

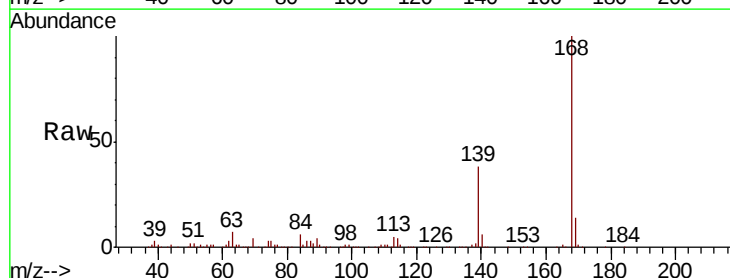


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

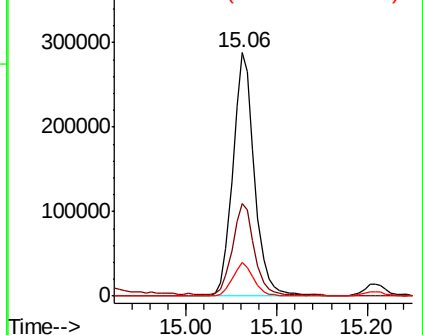
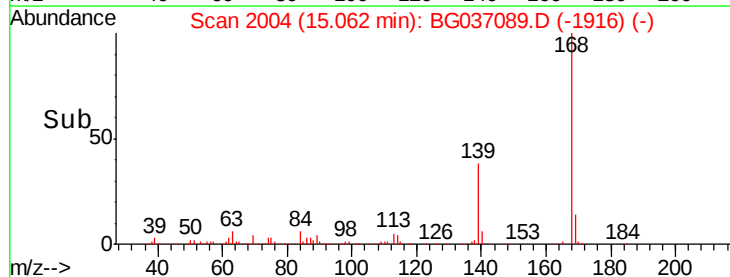


#54
Dibenzofuran
Concen: 40.141 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion:168 Resp: 479153
Ion Ratio Lower Upper
168 100
139 38.1 31.0 46.6
169 13.6 11.1 16.7



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





#55

4-Nitrophenol

Concen: 82.165 ng

RT: 14.88 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

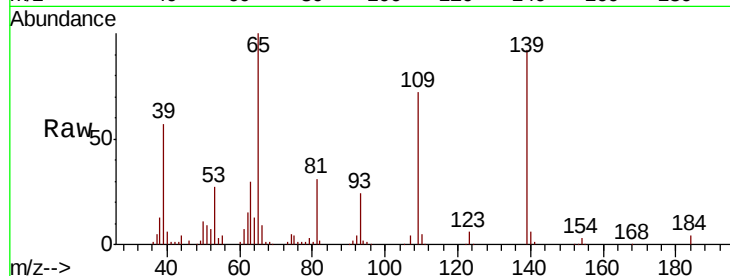
Tgt Ion:139 Resp: 120181

Ion Ratio Lower Upper

139 100

109 78.3 63.9 103.9

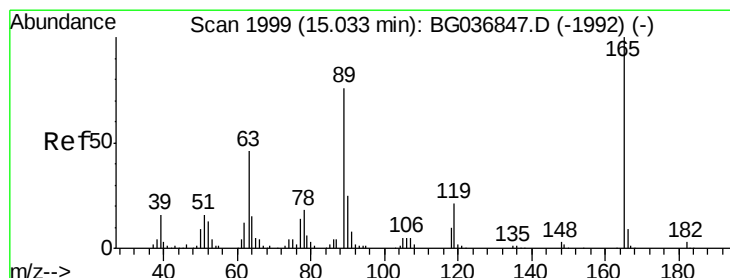
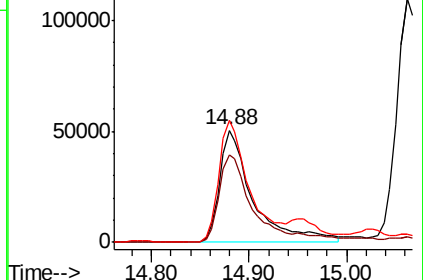
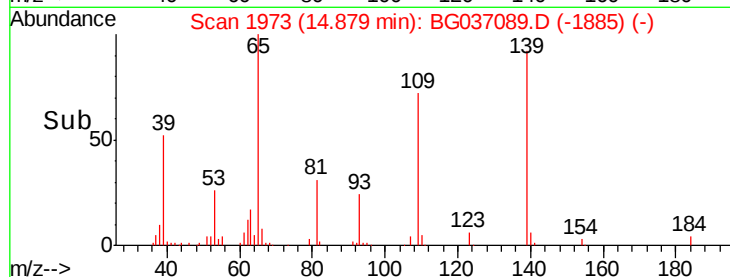
65 109.0 90.0 130.0



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



#56

2,4-Dinitrotoluene

Concen: 42.323 ng

RT: 15.03 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Tgt Ion:165 Resp: 128317

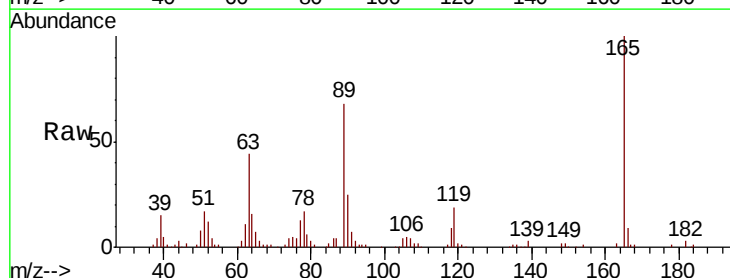
Ion Ratio Lower Upper

165 100

63 43.5 40.1 60.1

89 68.4 63.7 95.5

182 2.8 2.5 3.7

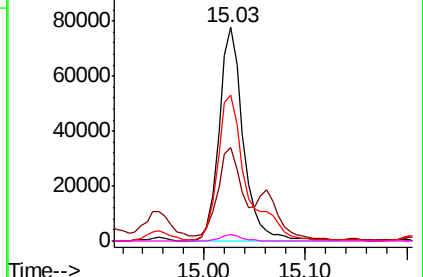
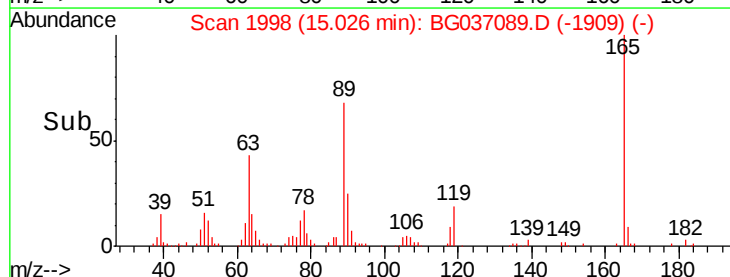


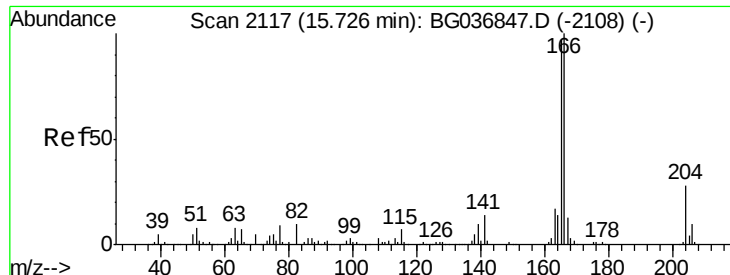
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.233 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

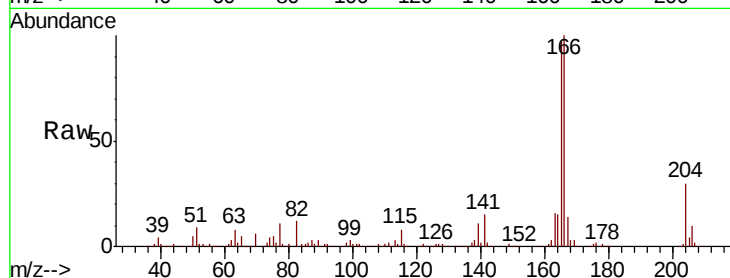
Tgt Ion:166 Resp: 385714

Ion Ratio Lower Upper

166 100

165 97.2 77.0 115.4

167 13.8 10.6 16.0

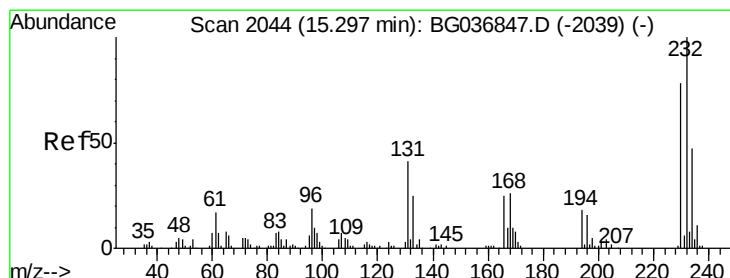
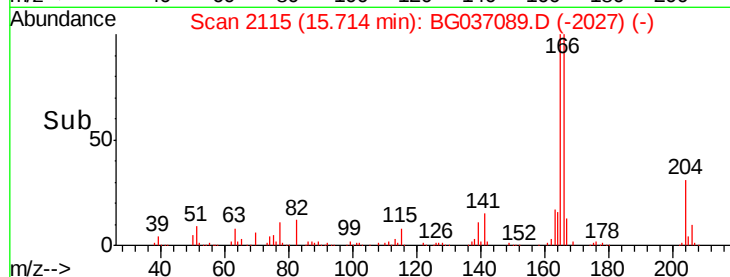
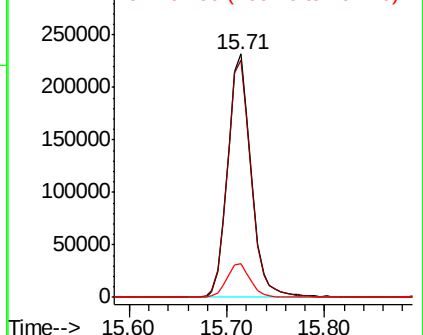


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.568 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Tgt Ion:232 Resp: 112926

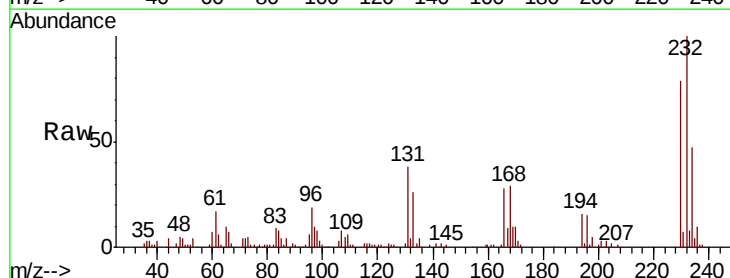
Ion Ratio Lower Upper

232 100

131 41.6 33.8 50.8

130 2.3 2.1 3.1

166 30.5 22.3 33.5



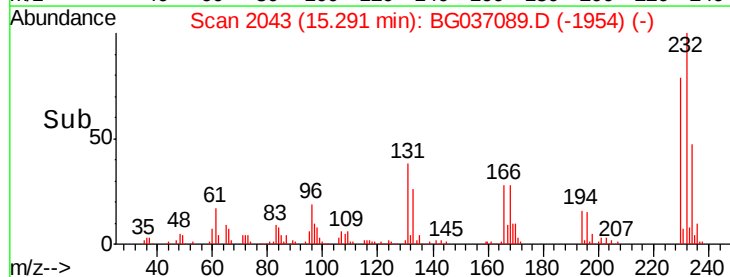
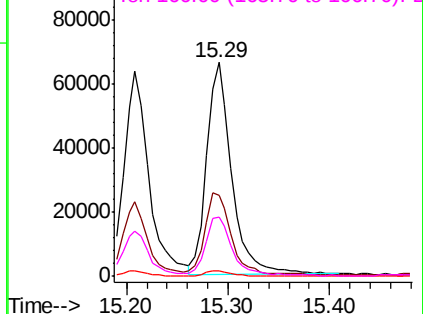
Abundance

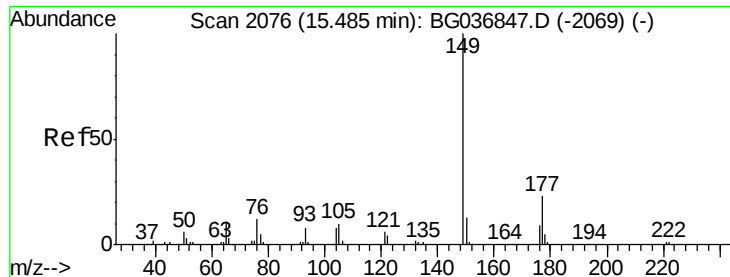
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

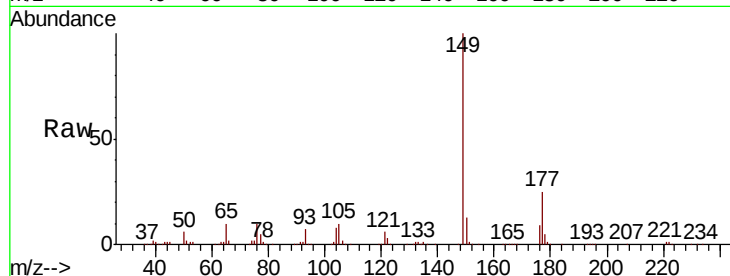




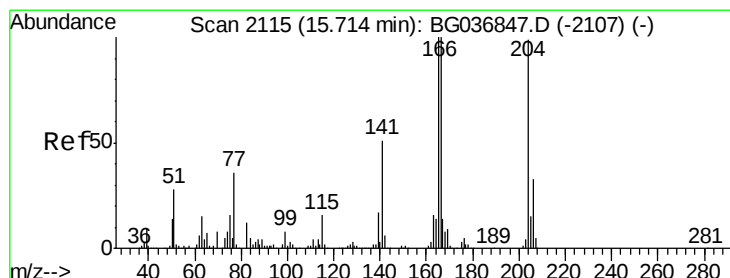
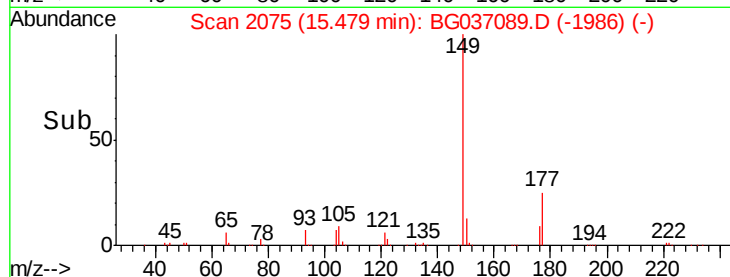
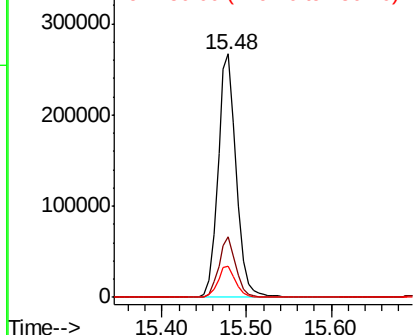
#59
Diethylphthalate
Concen: 39.992 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Instrument :
BNA_G
ClientSampleId :
PB113393BSD

Tgt Ion:149 Resp: 401689
Ion Ratio Lower Upper
149 100
177 24.8 19.1 28.7
150 12.6 10.7 16.1

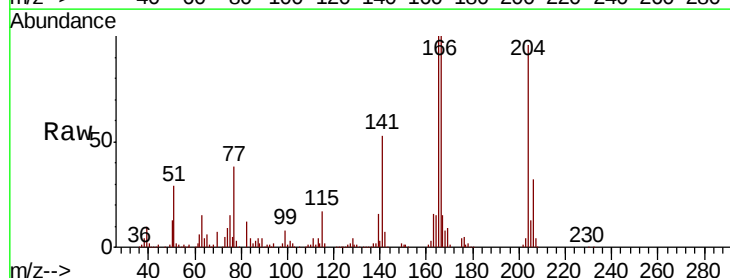


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

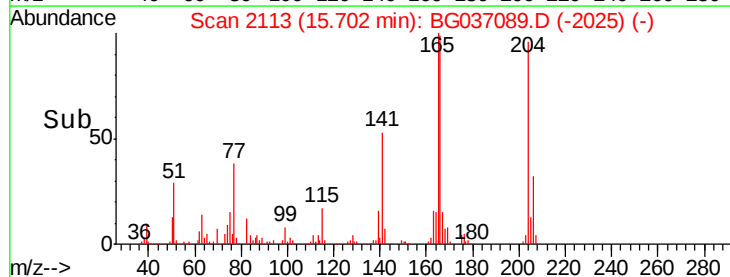
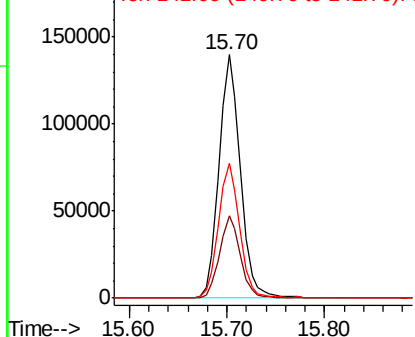


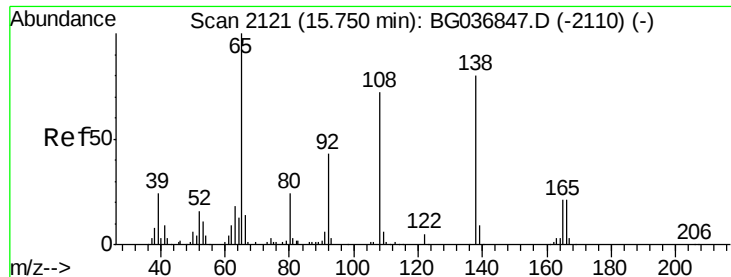
#60
4-Chlorophenyl-phenylether
Concen: 37.631 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion:204 Resp: 212617
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.4
141 55.3 43.8 65.6



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

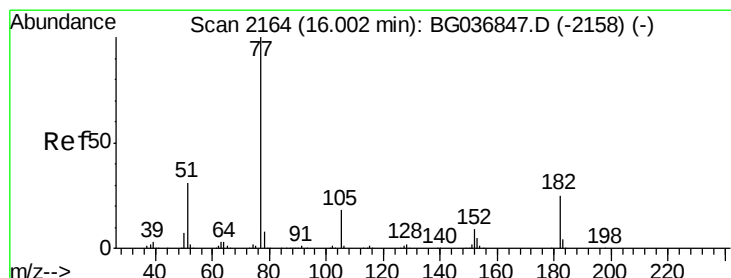
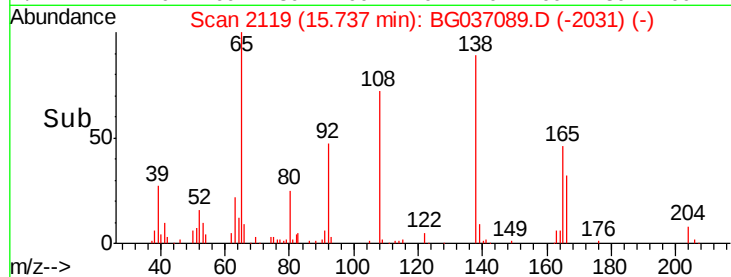
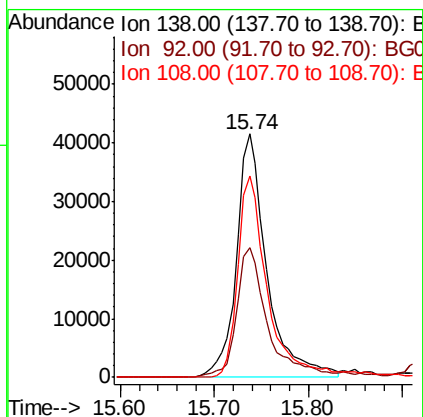
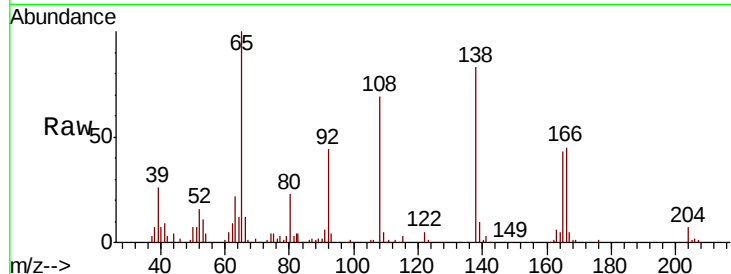




#61
4-Nitroaniline
Concen: 38.628 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

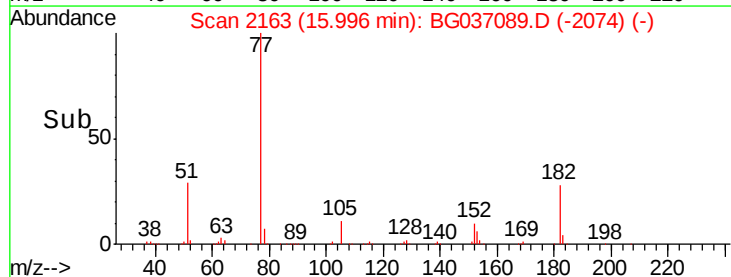
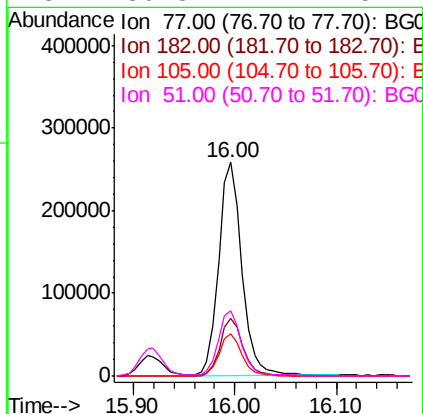
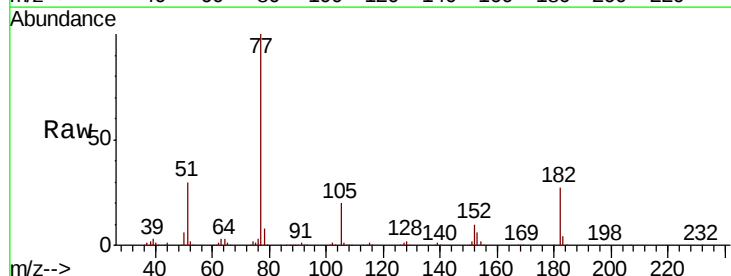
Instrument :
BNA_G
ClientSampleId :
PB113393BSD

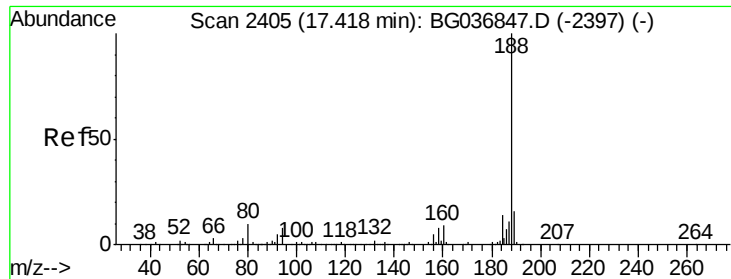
Tgt Ion: 138 Resp: 93029
Ion Ratio Lower Upper
138 100
92 53.2 38.5 78.5
108 82.7 70.3 110.3



#62
Azobenzene
Concen: 42.182 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion: 77 Resp: 407103
Ion Ratio Lower Upper
77 100
182 26.8 6.7 46.7
105 19.7 0.0 39.8
51 30.3 12.4 52.4

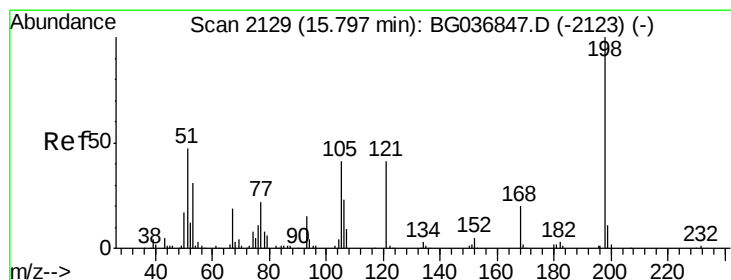
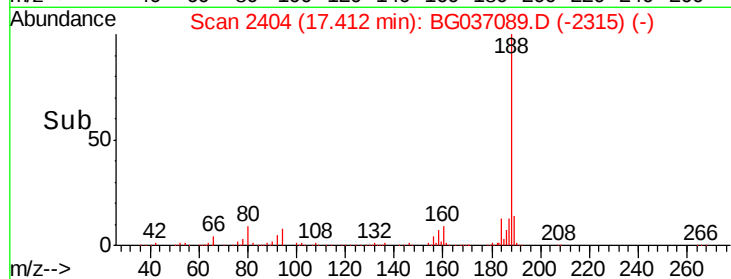
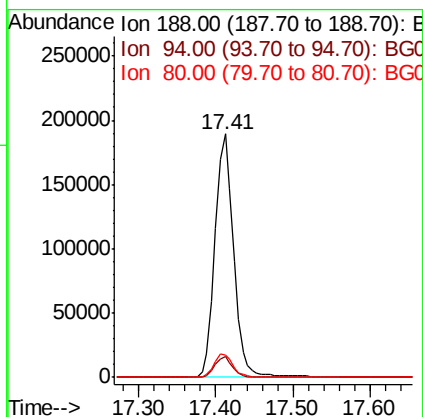
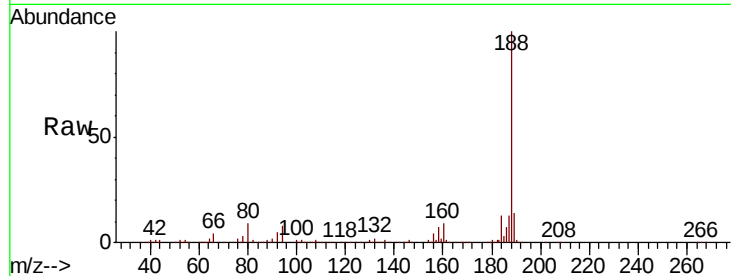




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

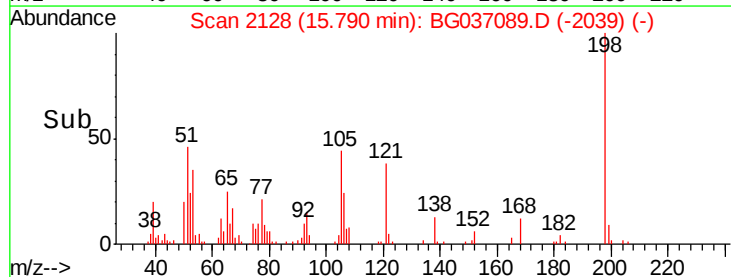
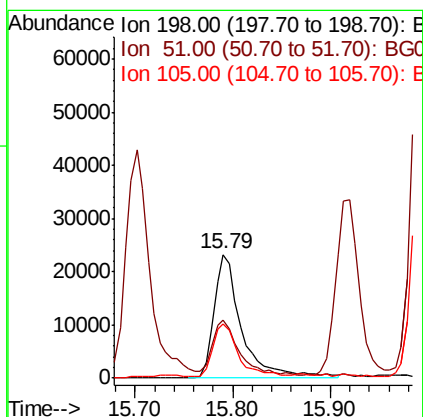
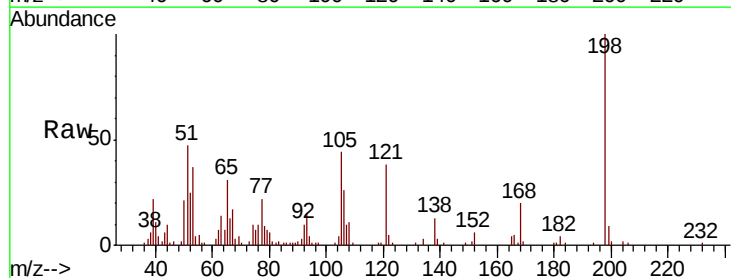
Instrument :
BNA_G
ClientSampleId :
PB113393BSD

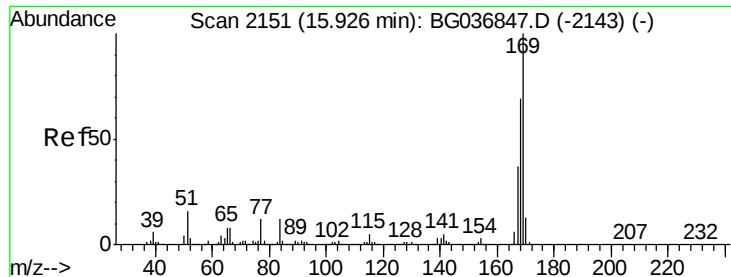
Tgt Ion:188 Resp: 314667
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.0 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 27.639 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion:198 Resp: 45470
Ion Ratio Lower Upper
198 100
51 47.0 26.5 66.5
105 43.8 20.2 60.2





#65

n-Nitrosodiphenylamine

Concen: 40.352 ng

RT: 15.92 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

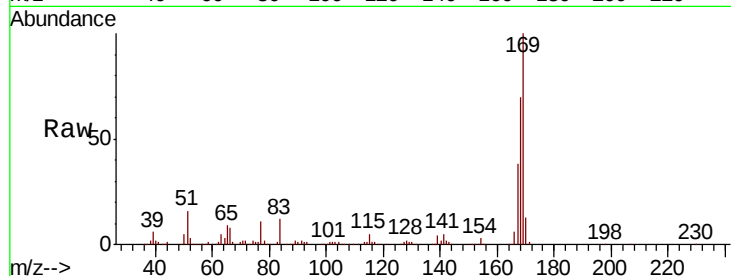
Tgt Ion:169 Resp: 350539

Ion Ratio Lower Upper

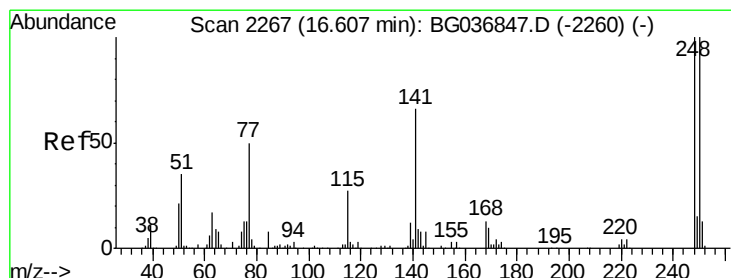
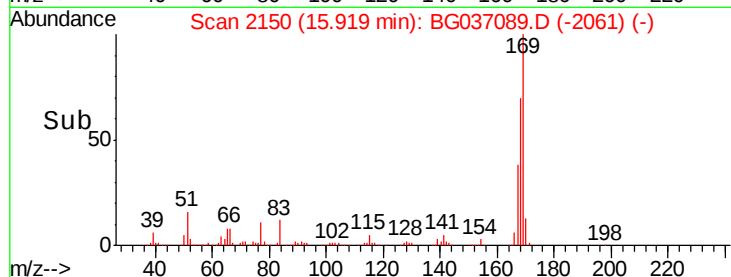
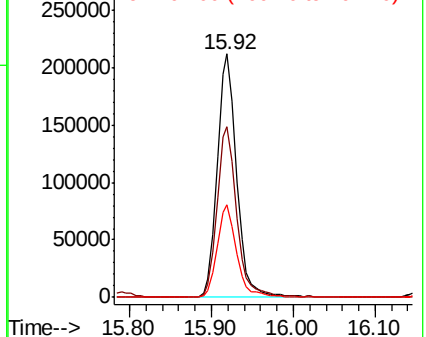
169 100

168 70.3 57.6 86.4

167 38.1 31.0 46.4



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



#66

4-Bromophenyl-phenylether

Concen: 38.170 ng

RT: 16.60 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

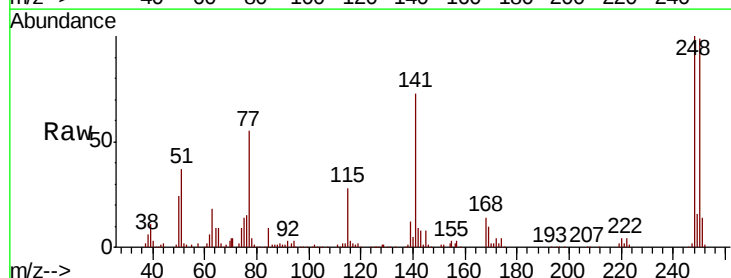
Tgt Ion:248 Resp: 136618

Ion Ratio Lower Upper

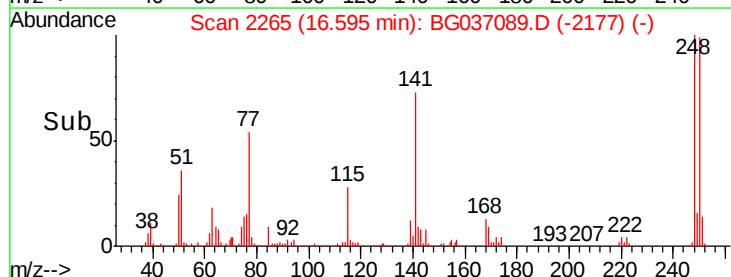
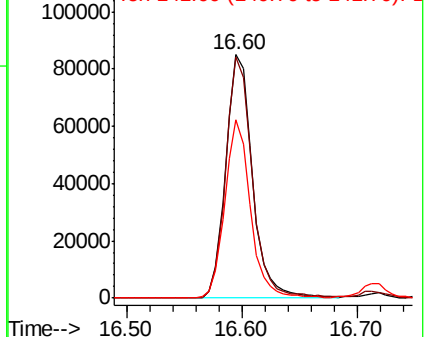
248 100

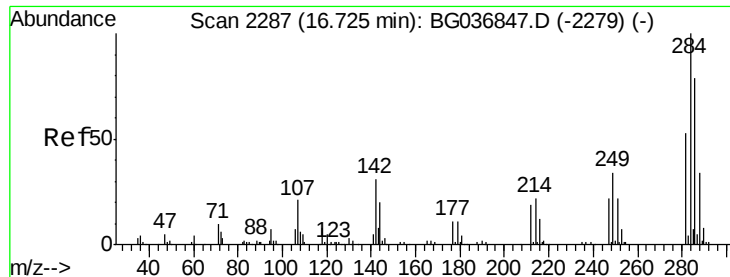
250 99.3 78.1 117.1

141 73.3 53.7 80.5



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





#67

Hexachlorobenzene

Concen: 37.675 ng

RT: 16.71 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

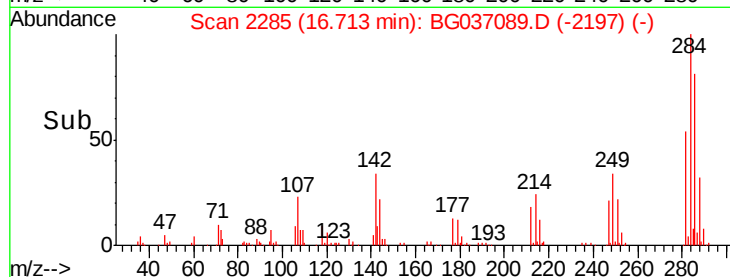
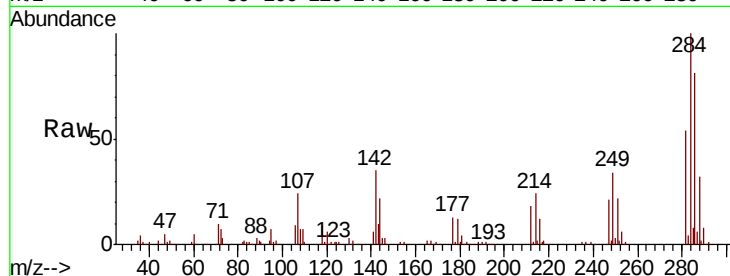
Tgt Ion:284 Resp: 138880

Ion Ratio Lower Upper

284 100

142 34.6 27.8 41.6

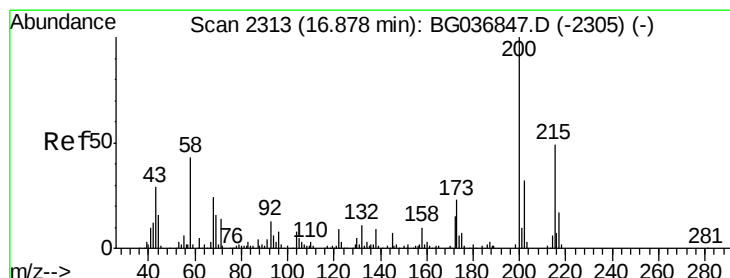
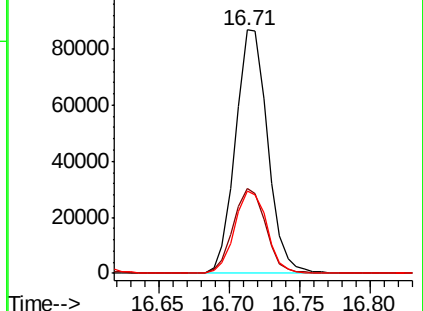
249 33.6 27.4 41.2



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



#68

Atrazine

Concen: 41.351 ng

RT: 16.87 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

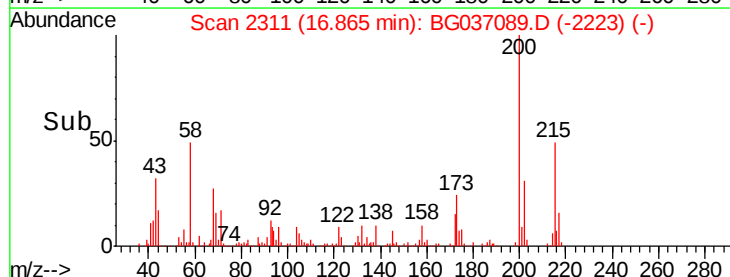
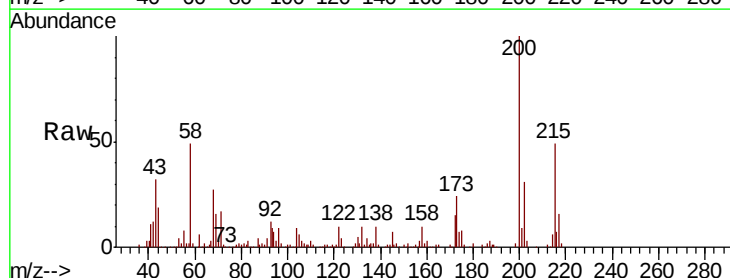
Tgt Ion:200 Resp: 145450

Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

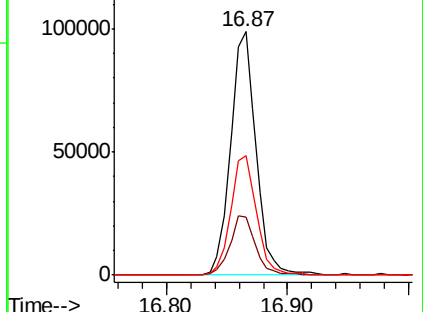
215 49.3 30.4 70.4

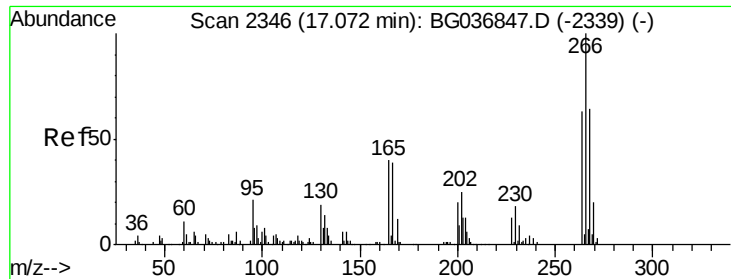


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

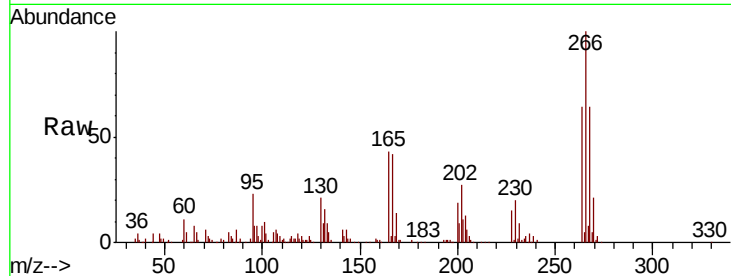




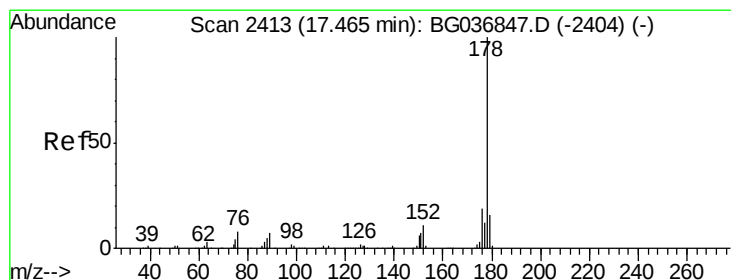
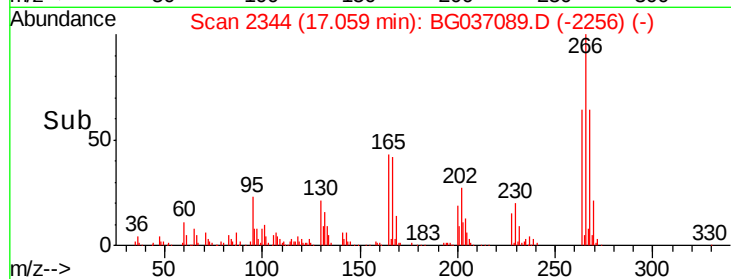
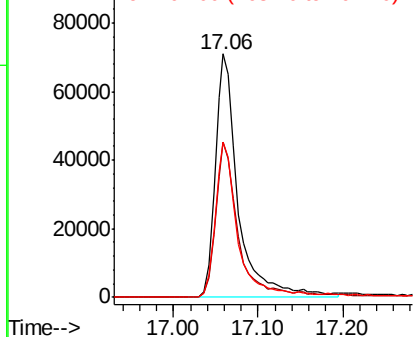
#69
 Pentachlorophenol
 Concen: 58.453 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

Tgt Ion:266 Resp: 135663
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.4 77.2
 264 63.8 48.9 73.3

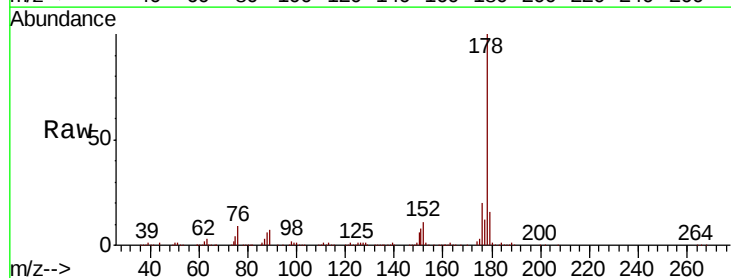


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

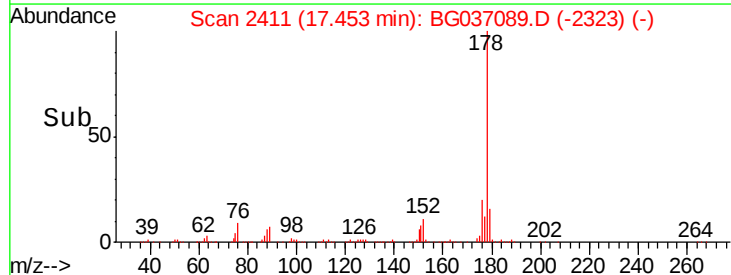
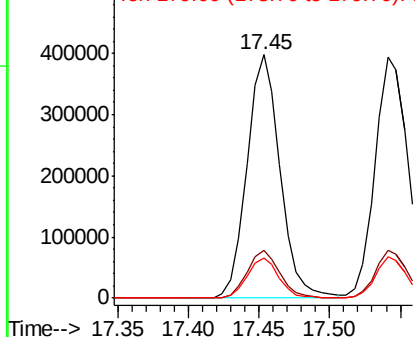


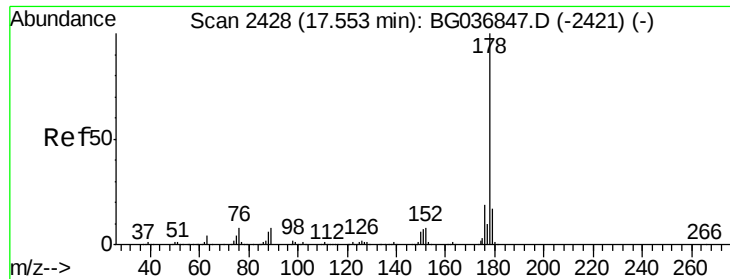
#70
 Phenanthrene
 Concen: 43.092 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion:178 Resp: 653432
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.4 13.4 20.2



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

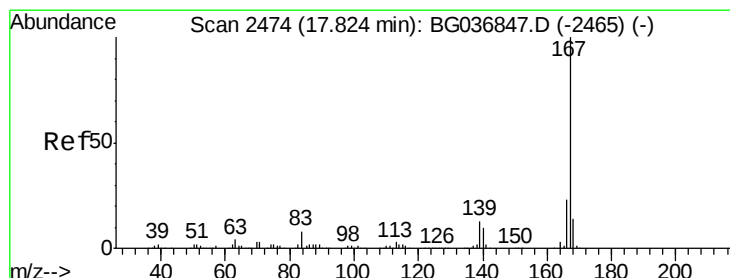
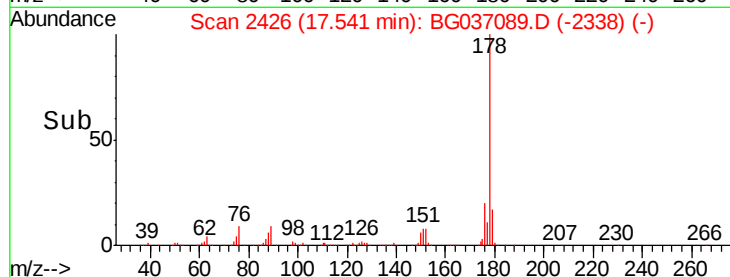
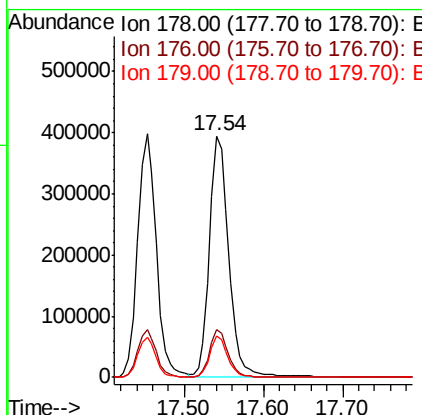
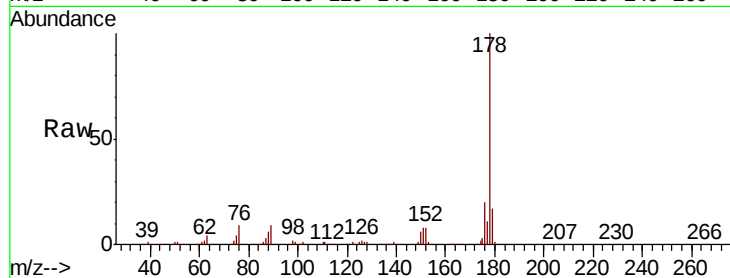




#71
 Anthracene
 Concen: 44.649 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

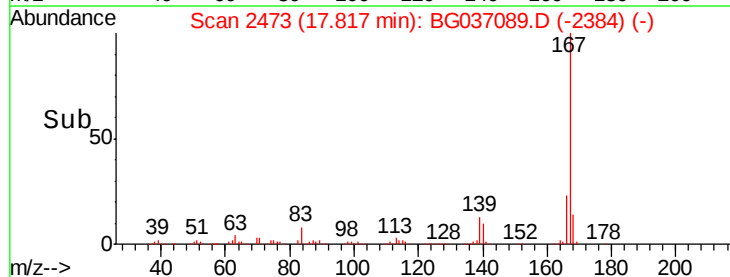
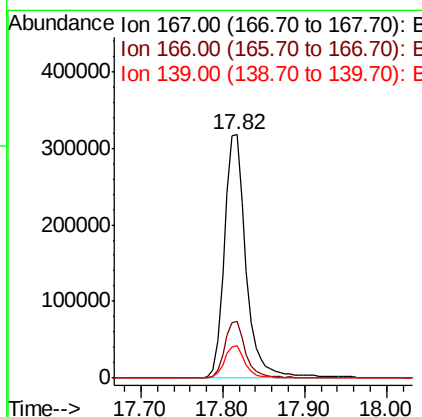
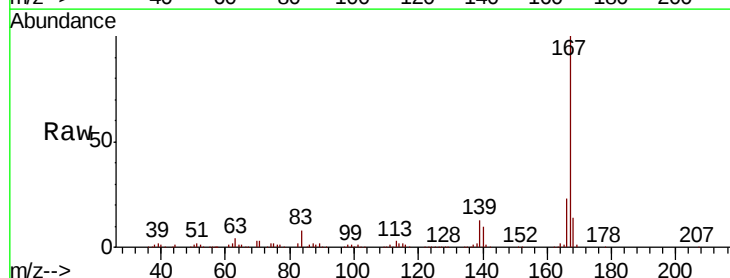
Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

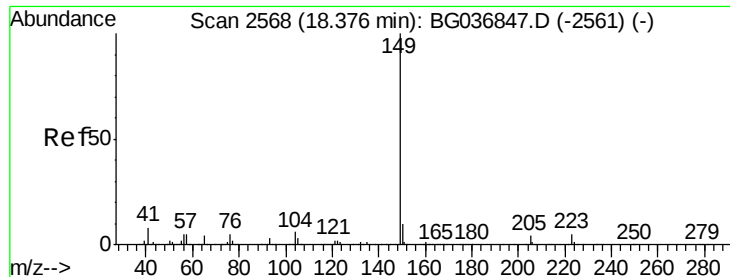
Tgt Ion:178 Resp: 669460
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 16.9 13.0 19.4



#72
 Carbazole
 Concen: 40.022 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion:167 Resp: 585088
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.5 29.3
 139 13.2 10.7 16.1

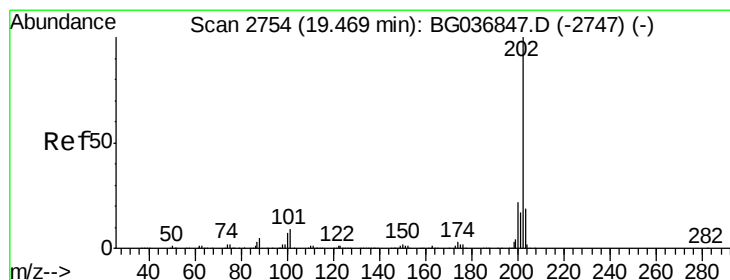
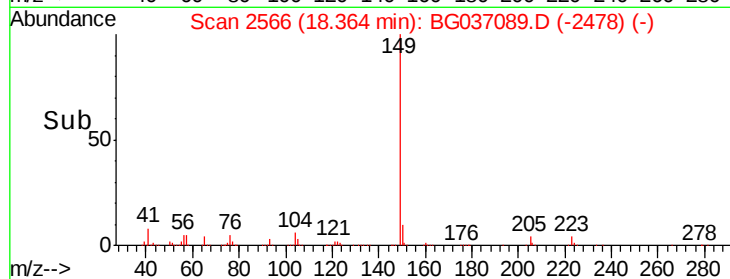
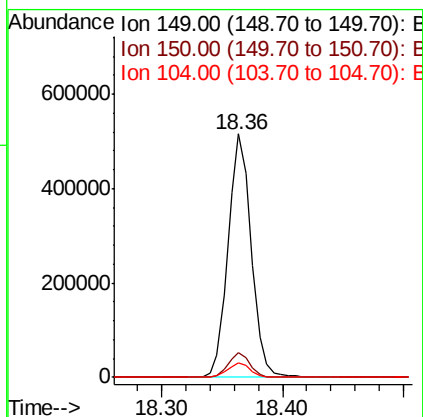
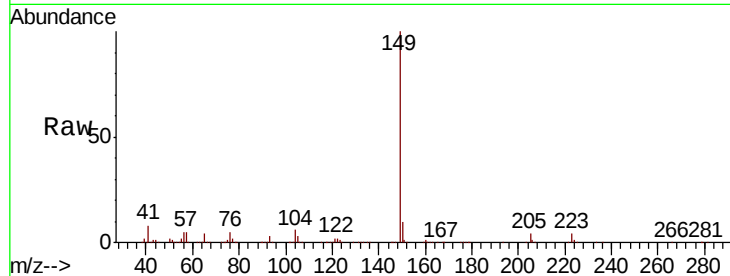




#73
Di-n-butylphthalate
Concen: 42.376 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

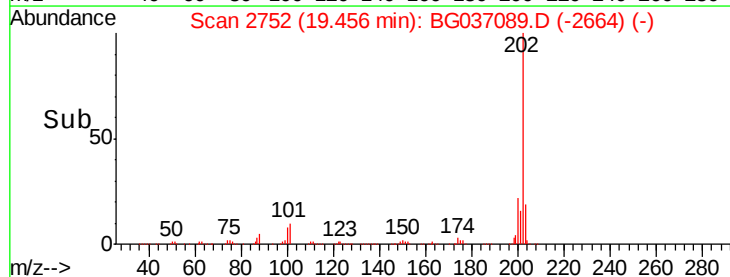
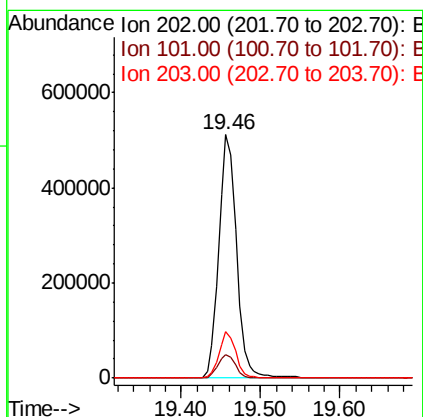
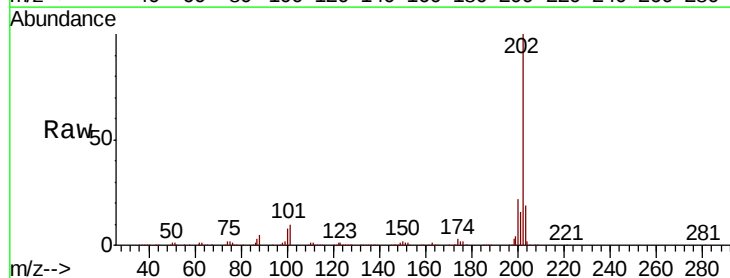
Instrument :
BNA_G
ClientSampleId :
PB113393BSD

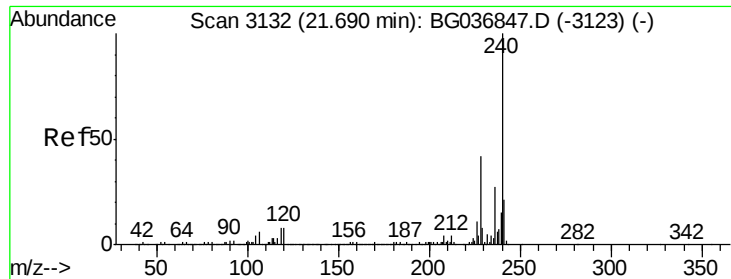
Tgt Ion:149 Resp: 687971
Ion Ratio Lower Upper
149 100
150 9.9 8.1 12.1
104 5.8 4.6 6.8



#74
Fluoranthene
Concen: 43.452 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion:202 Resp: 793110
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 19.0 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

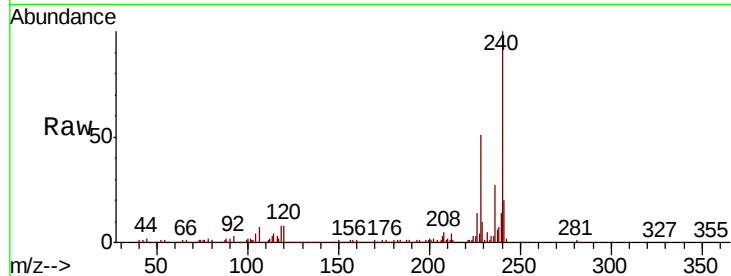
Tgt Ion:240 Resp: 316519

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

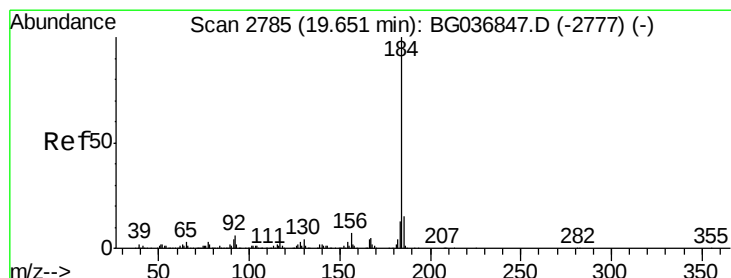
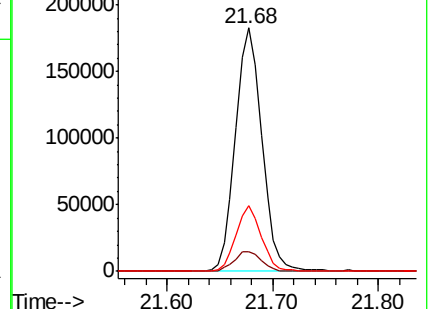
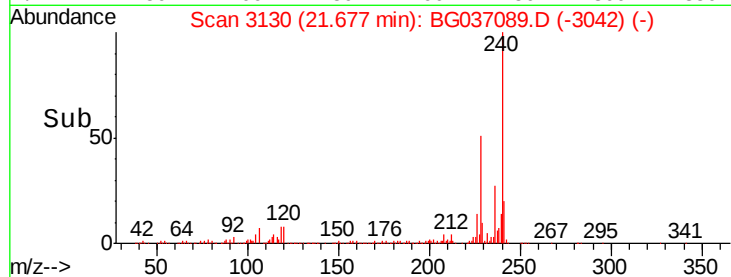
236 27.0 21.2 31.8



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



#76

Benzidine

Concen: 16.205 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

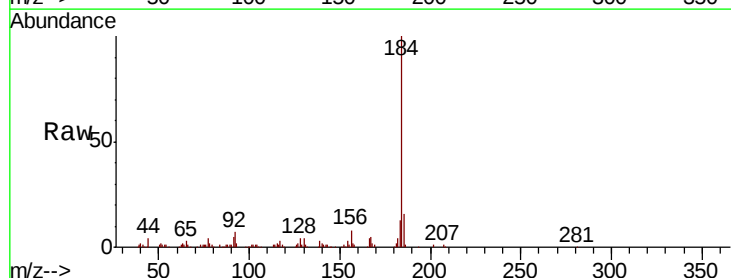
Tgt Ion:184 Resp: 155054

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

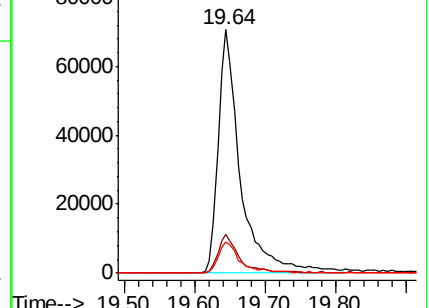
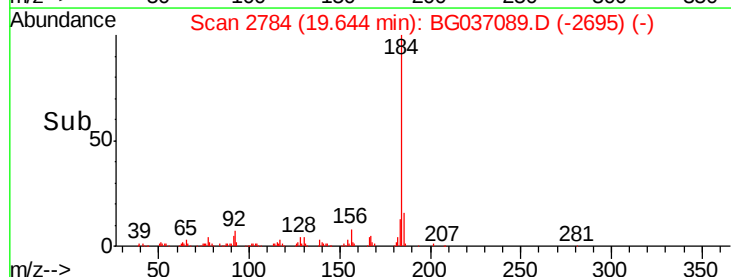
183 12.8 10.9 16.3

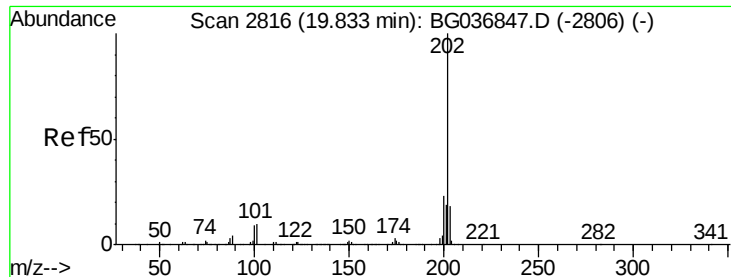


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.420 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

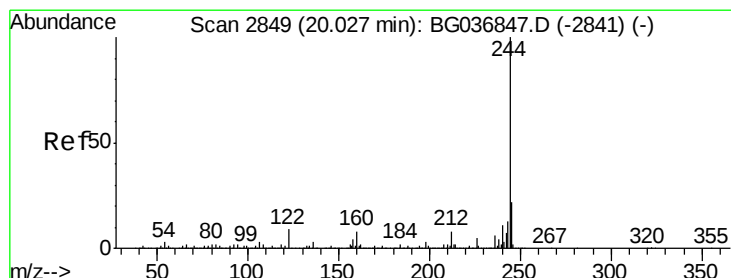
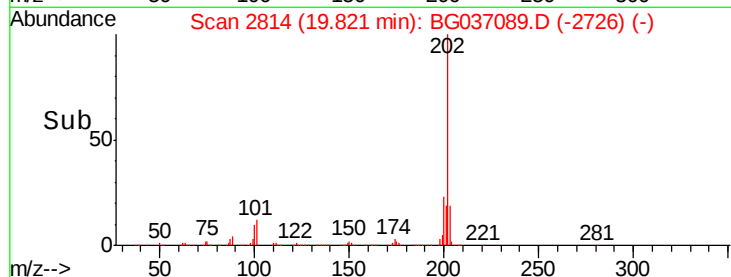
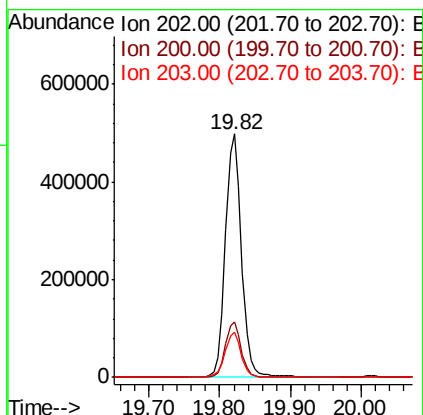
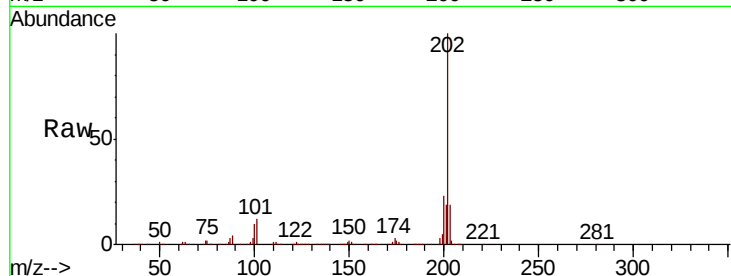
Instrument :

BNA_G

ClientSampleId :

PB113393BSD

Tgt Ion:	202	Resp:	786719
Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.3	27.5
203	18.8	15.1	22.7



#78

Terphenyl-d14

Concen: 83.166 ng

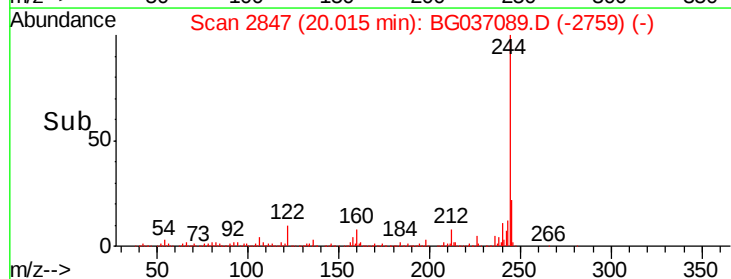
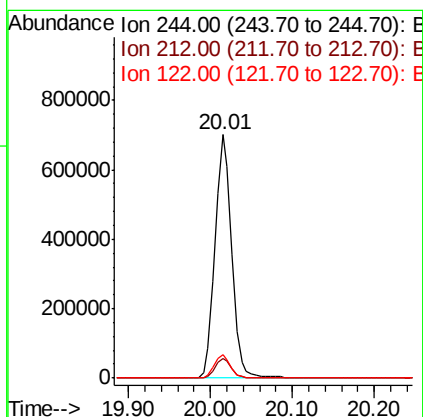
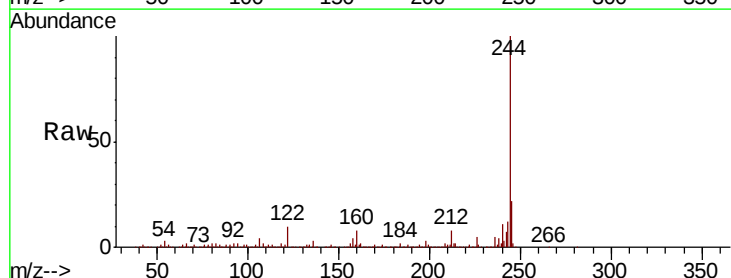
RT: 20.01 min Scan# 2847

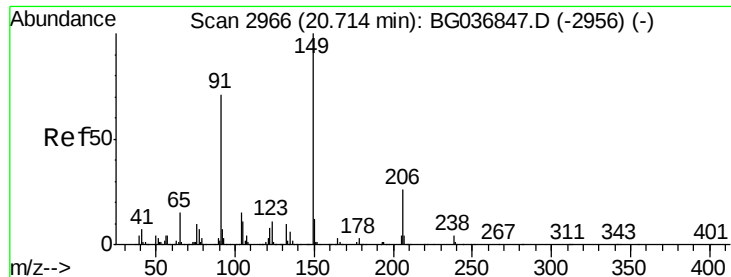
Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Tgt Ion:	244	Resp:	1001088
Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	9.7	7.1	10.7

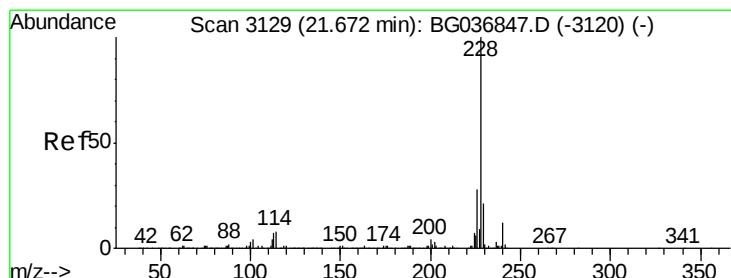
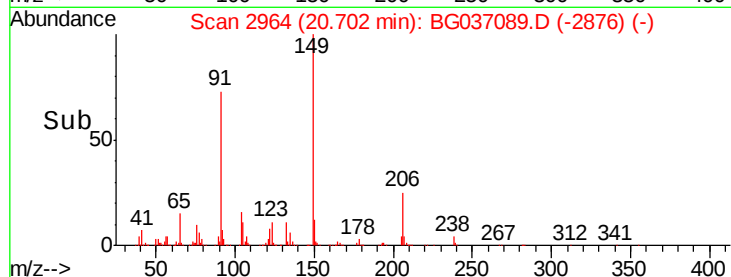
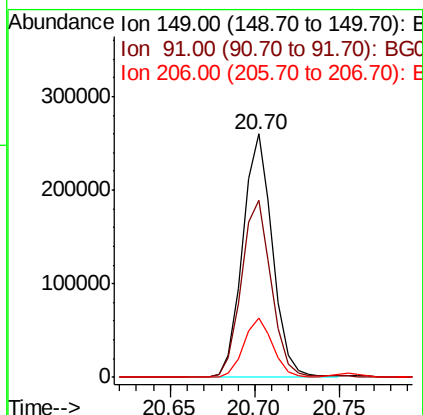
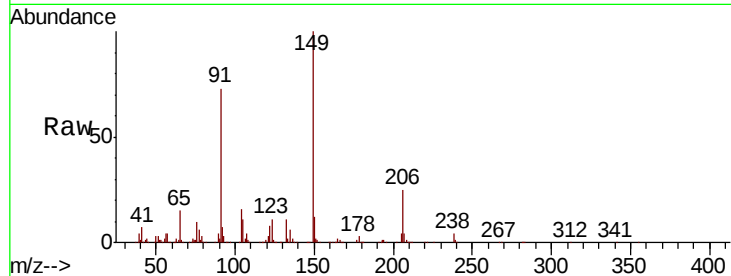




#79
Butylbenzylphthalate
Concen: 42.102 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

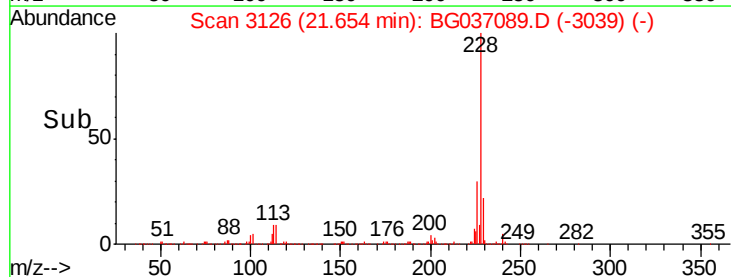
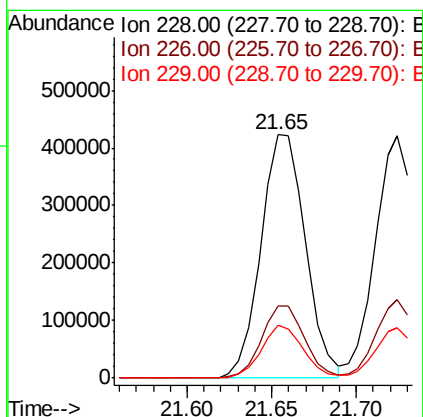
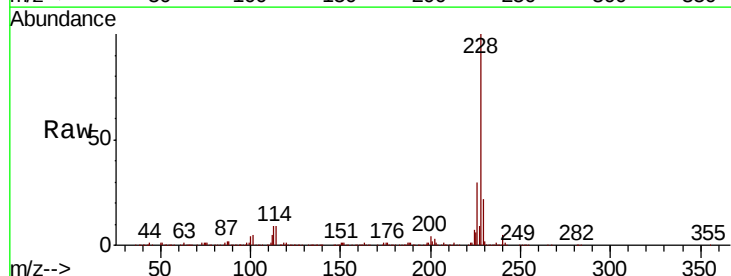
Instrument :
BNA_G
ClientSampleId :
PB113393BSD

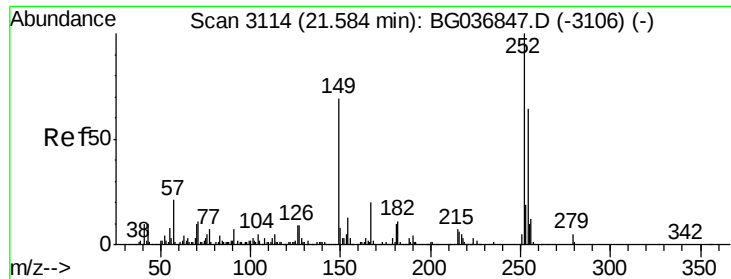
Tgt Ion:149 Resp: 318746
Ion Ratio Lower Upper
149 100
91 72.9 62.0 93.0
206 24.6 19.6 29.4



#80
Benzo(a)anthracene
Concen: 41.733 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG037089.D
Acq: 1 Oct 2018 23:30

Tgt Ion:228 Resp: 771096
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.2
229 21.9 17.1 25.7

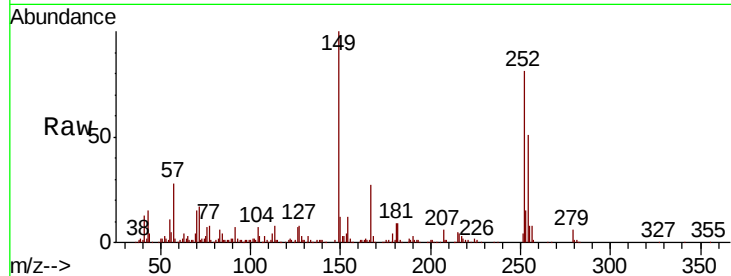




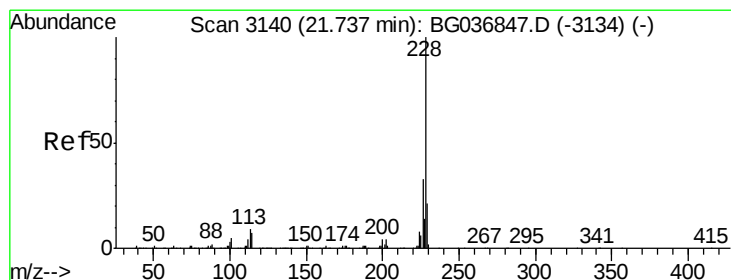
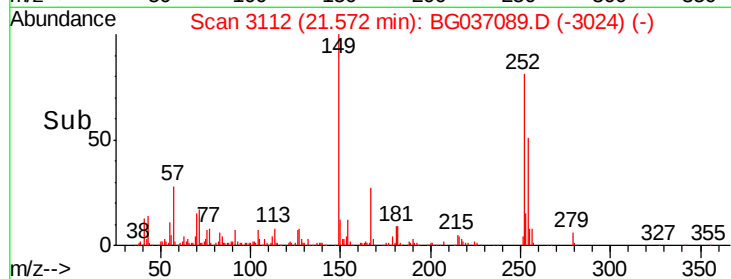
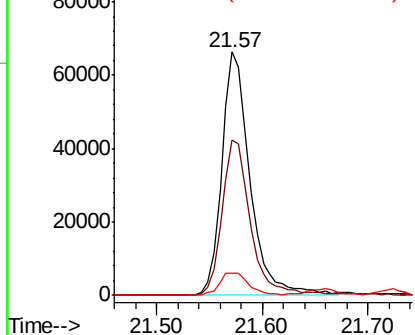
#81
 3,3'-Dichlorobenzidine
 Concen: 17.466 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

Tgt Ion:252 Resp: 122834
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.0 76.4
 126 9.2 7.4 11.0

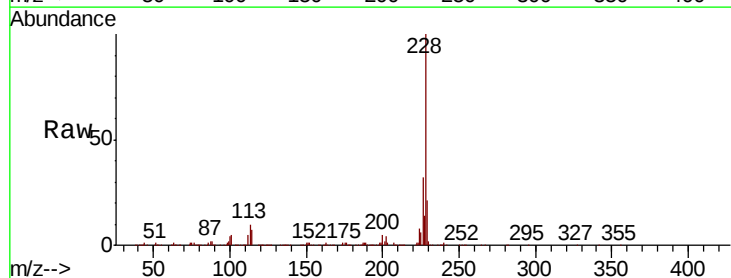


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

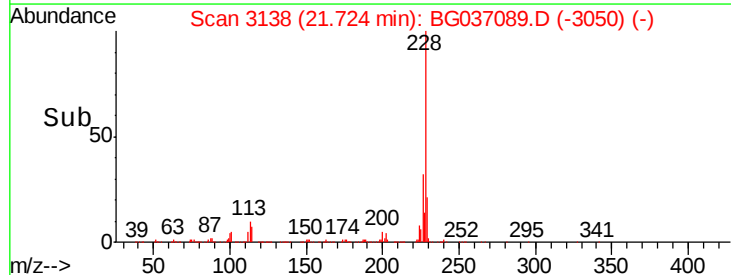
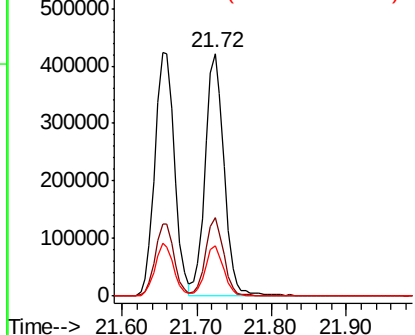


#82
 Chrysene
 Concen: 41.613 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion:228 Resp: 742879
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.5 38.3
 229 20.6 16.9 25.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.099 ng

RT: 21.55 min Scan# 3109

Delta R.T. -0.02 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

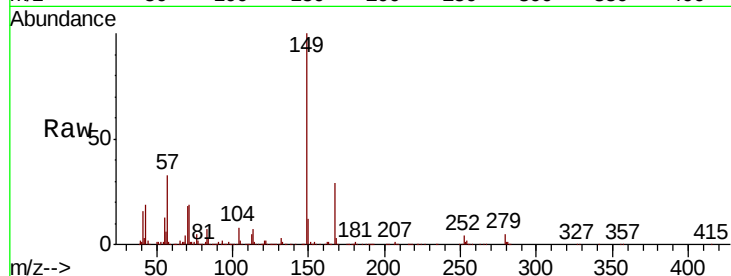
Tgt Ion:149 Resp: 445251

Ion Ratio Lower Upper

149 100

167 28.8 23.4 35.0

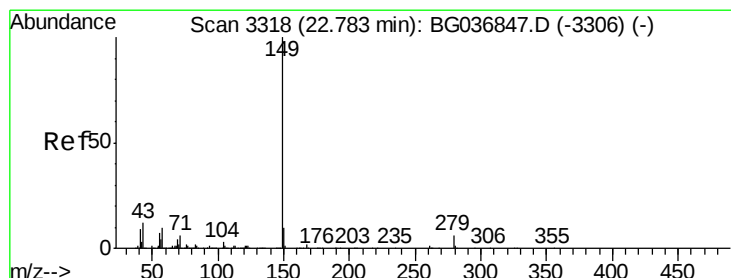
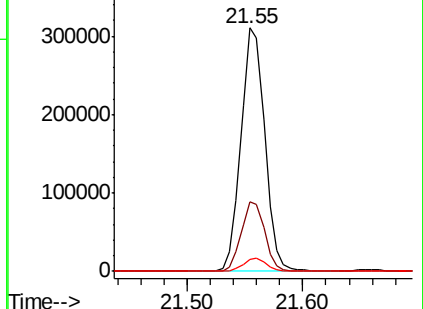
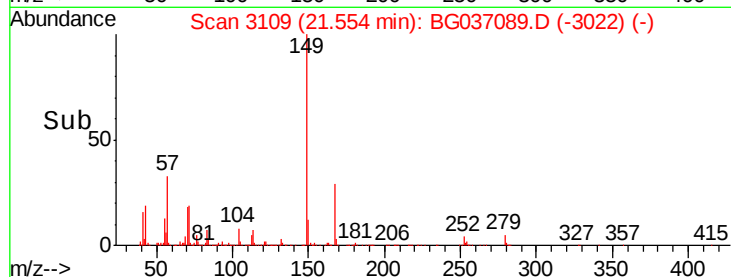
279 5.0 4.6 7.0



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



#84

Di-n-octyl phthalate

Concen: 43.316 ng

RT: 22.76 min Scan# 3314

Delta R.T. -0.02 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

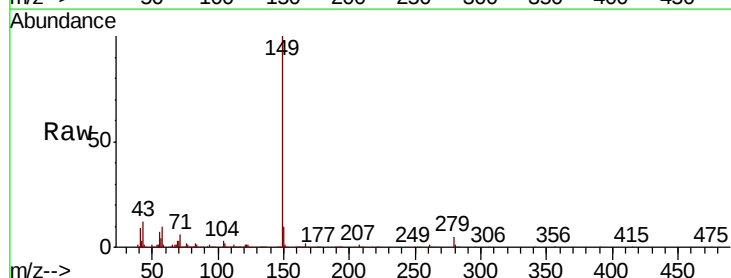
Tgt Ion:149 Resp: 754277

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

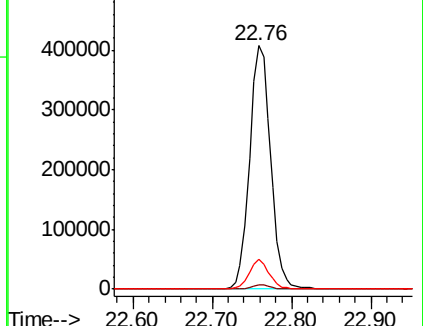
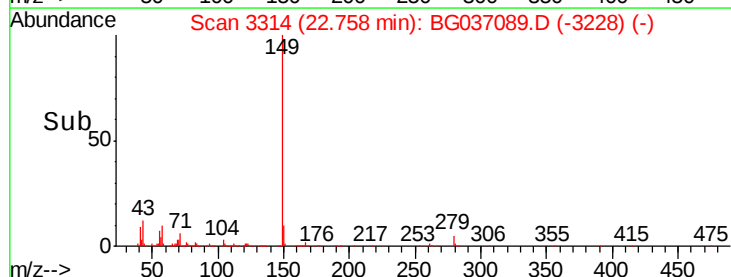
43 11.5 10.0 15.0

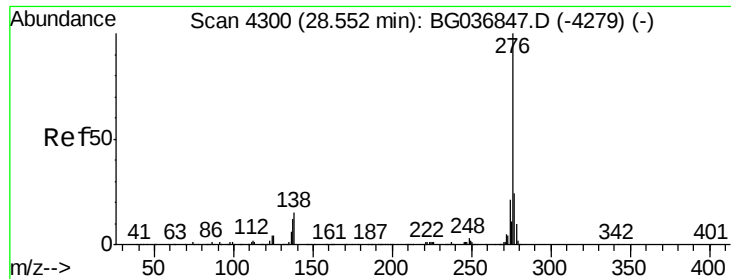


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

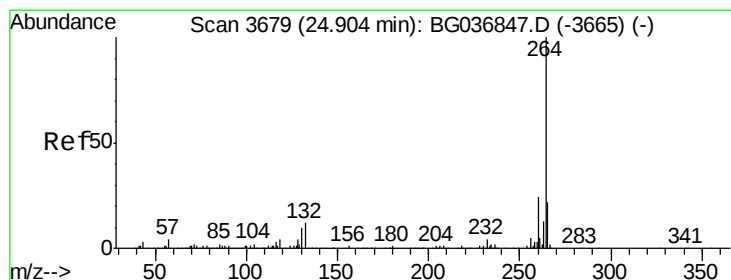
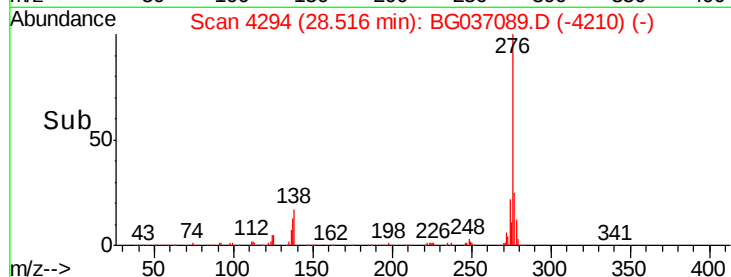
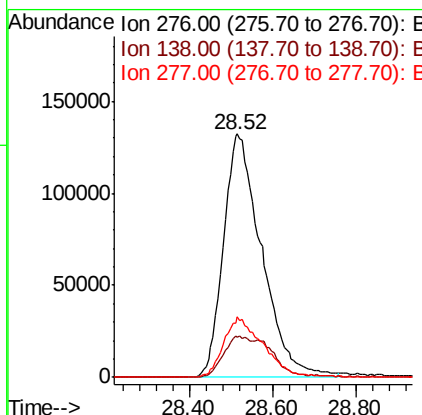
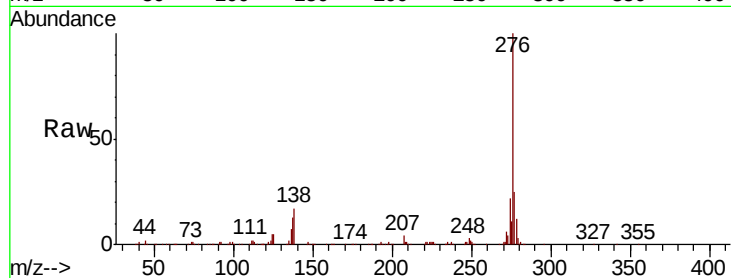




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.054 ng
 RT: 28.52 min Scan# 4294
 Delta R.T. -0.04 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

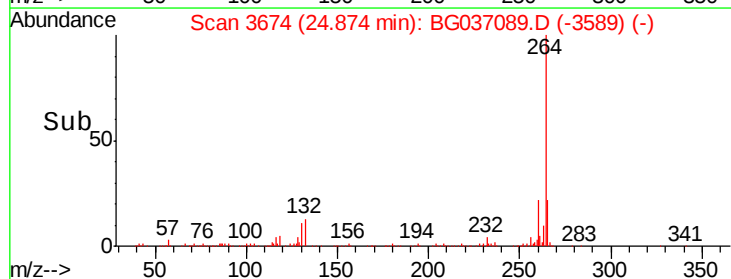
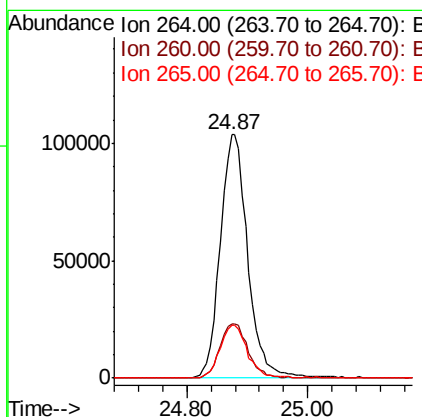
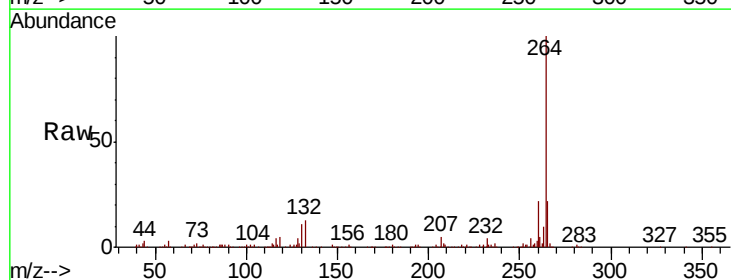
Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

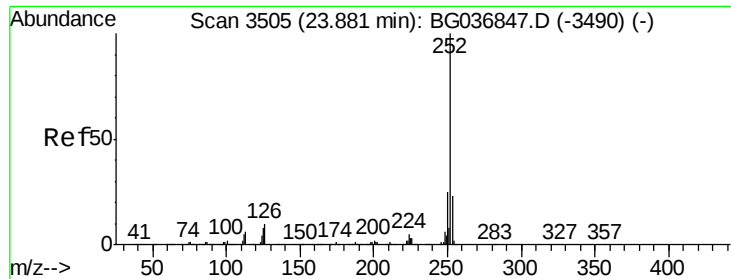
Tgt Ion:276 Resp: 844542
 Ion Ratio Lower Upper
 276 100
 138 12.0 10.6 15.8
 277 25.2 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Tgt Ion:264 Resp: 326400
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.6 29.4
 265 21.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 43.959 ng

RT: 23.86 min Scan# 3501

Delta R.T. -0.02 min

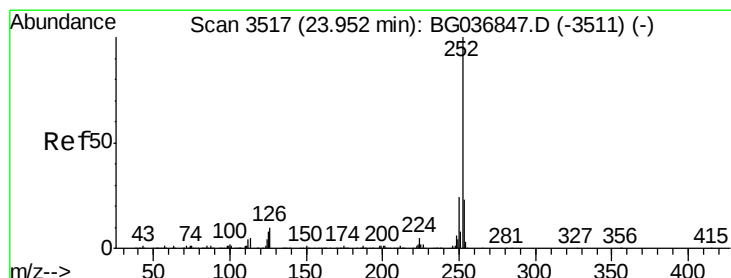
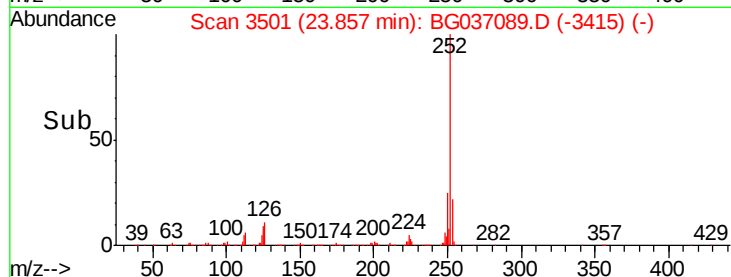
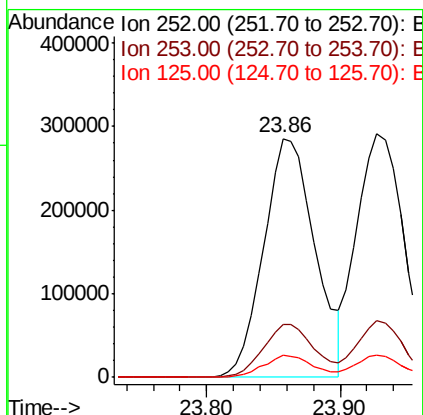
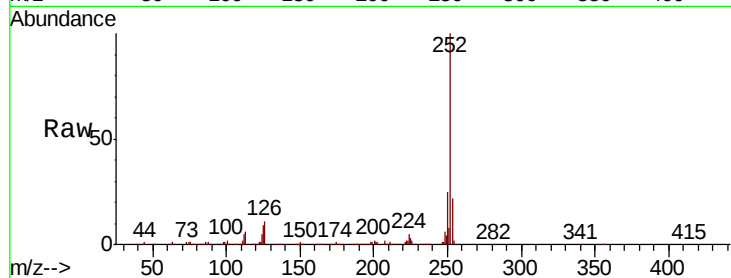
Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :
BNA_G
ClientSampleId :
PB113393BSD

Tgt Ion:252 Resp: 764646

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.0	6.6	10.0



#88

Benzo(k)fluoranthene

Concen: 41.887 ng

RT: 23.93 min Scan# 3513

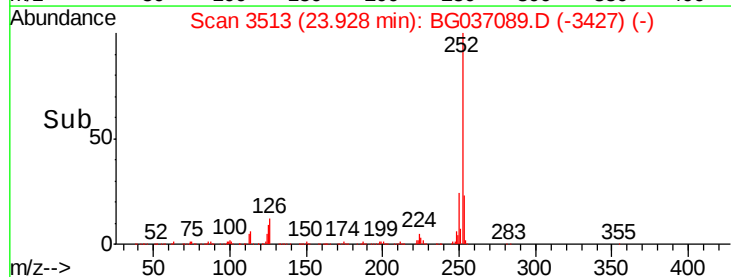
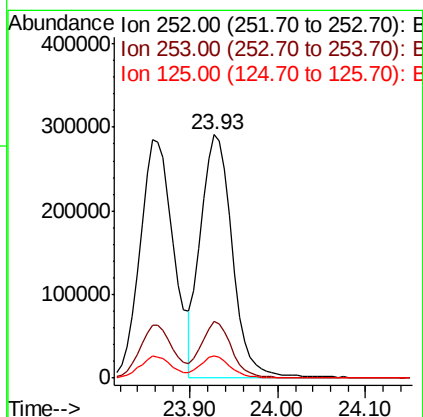
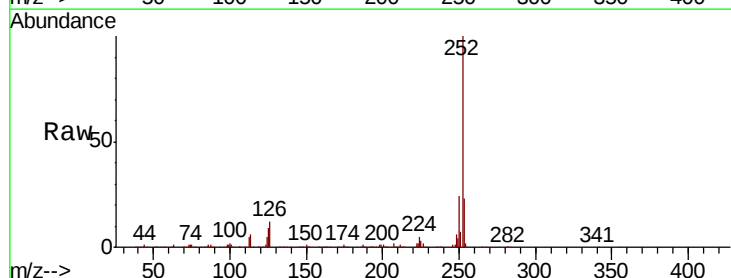
Delta R.T. -0.02 min

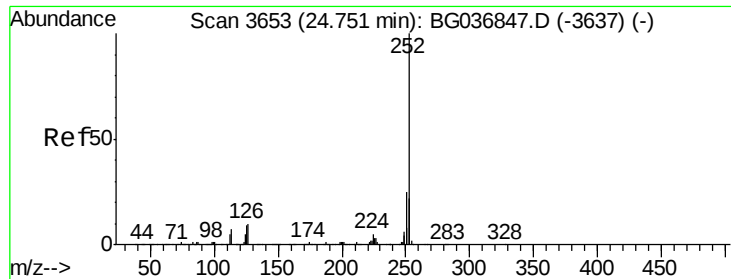
Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Tgt Ion:252 Resp: 730990

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	9.0	7.0	10.6





#89

Benzo(a)pyrene

Concen: 43.735 ng

RT: 24.73 min Scan# 3649

Delta R.T. -0.02 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA_G

ClientSampleId :

PB113393BSD

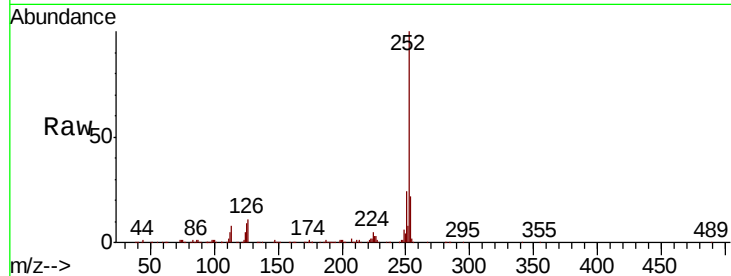
Tgt Ion:252 Resp: 735487

Ion Ratio Lower Upper

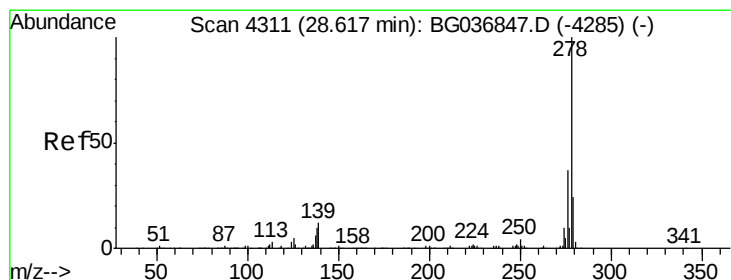
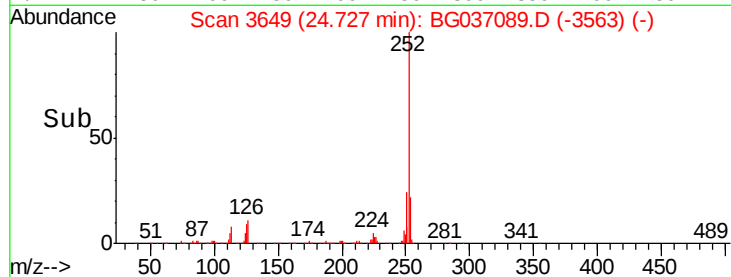
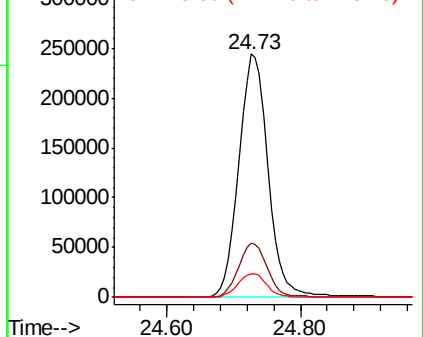
252 100

253 22.5 18.2 27.2

125 9.4 7.3 10.9



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

Dibenzo(a,h)anthracene

Concen: 42.519 ng

RT: 28.58 min Scan# 4305

Delta R.T. -0.04 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

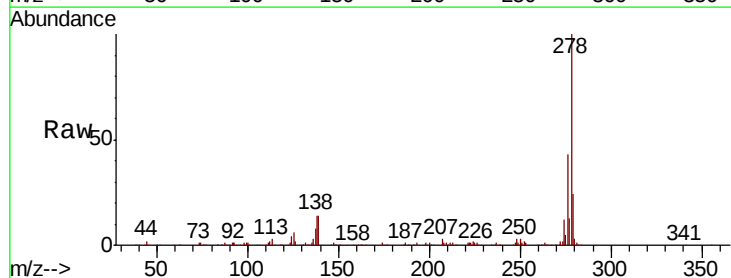
Tgt Ion:278 Resp: 670130

Ion Ratio Lower Upper

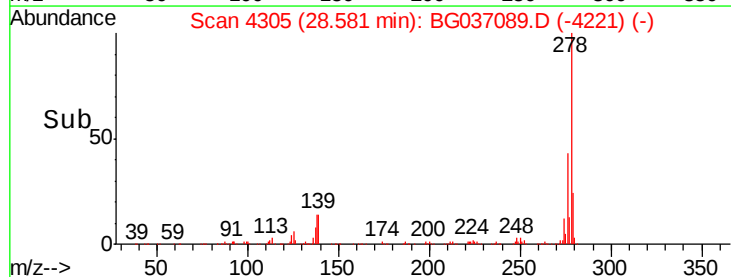
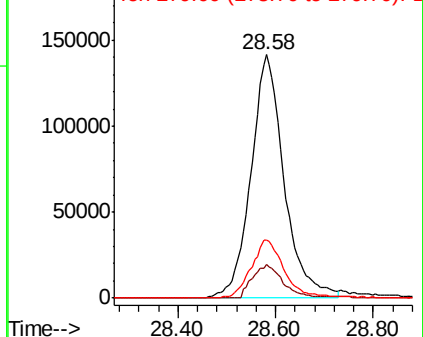
278 100

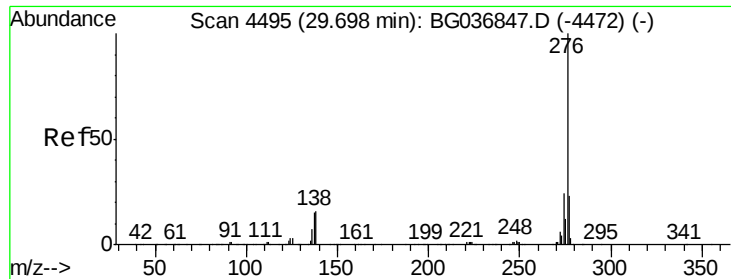
139 14.1 11.0 16.4

279 23.7 18.7 28.1



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





#91
 Benzo(g,h,i)perylene
 Concen: 43.612 ng
 RT: 29.67 min Scan# 4490
 Delta R.T. -0.03 min
 Lab File: BG037089.D
 Acq: 1 Oct 2018 23:30

Instrument :
 BNA_G
 ClientSampleId :
 PB113393BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	17.8	14.6	22.0

