

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037840.D
 Acq On : 6 Nov 2018 16:08
 Operator : JU/SJ
 Sample : PB114487BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114487BS

Quant Time: Nov 06 16:43:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	49549	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	222376	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	149925	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	347463	20.00	ng	0.00
76) Chrysene-d12	21.77	240	315457	20.00	ng	0.00
87) Perylene-d12	25.09	264	312242	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	489881	165.29	ng	0.00
7) Phenol-d6	7.24	99	687816	153.48	ng	0.00
23) Nitrobenzene-d5	9.27	82	325473	81.99	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	259898	158.94	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	784380	78.89	ng	-0.01
79) Terphenyl-d14	20.07	244	1144106	77.50	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	46858	31.177	ng	97
3) Pyridine	3.92	79	136872	36.131	ng	93
4) n-Nitrosodimethylamine	3.85	42	58915	43.664	ng	96
6) Aniline	7.42	93	174207	31.864	ng	97
8) 2-Chlorophenol	7.65	128	151375	43.660	ng	98
9) Benzaldehyde	7.24	77	106660	38.047	ng	97
10) Phenol	7.27	94	200888	42.485	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	141231	39.326	ng	96
12) 1,3-Dichlorobenzene	7.98	146	157152	40.715	ng	98
13) 1,4-Dichlorobenzene	8.13	146	159080	40.291	ng	98
14) 1,2-Dichlorobenzene	8.45	146	151706	39.944	ng	98
15) Benzyl Alcohol	8.33	79	131348	39.666	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	254471	39.601	ng	97
17) 2-Methylphenol	8.53	107	137329	43.930	ng	97
18) Hexachloroethane	9.18	117	57672	42.846	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	114778	37.193	ng	94
20) 3+4-Methylphenols	8.86	107	190635	42.653	ng	98
22) Acetophenone	8.92	105	222482	39.892	ng	# 99
24) Nitrobenzene	9.32	77	173738	42.130	ng	96
25) Isophorone	9.83	82	325077	44.818	ng	98
26) 2-Nitrophenol	10.03	139	86769	46.706	ng	98
27) 2,4-Dimethylphenol	10.07	122	161750	48.764	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	202181	42.545	ng	99
29) 2,4-Dichlorophenol	10.56	162	165475	44.805	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	168856	42.043	ng	95
31) Naphthalene	10.97	128	482067	44.135	ng	99
32) Benzoic acid	10.18	122	72765	33.775	ng	99
33) 4-Chloroaniline	11.08	127	135088	26.322	ng	96
34) Hexachlorobutadiene	11.23	225	100292	42.134	ng	96
35) Caprolactam	11.85	113	57159	38.590	ng	93
36) 4-Chloro-3-methylphenol	12.18	107	175401	42.112	ng	95
37) 2-Methylnaphthalene	12.57	142	370237	46.500	ng	99
38) 1-Methylnaphthalene	12.78	142	353069	45.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	196388	40.610	ng	99

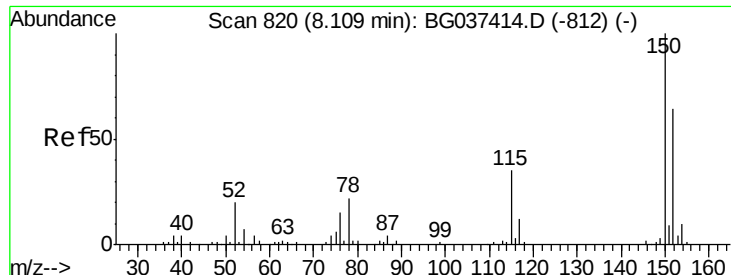
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037840.D
 Acq On : 6 Nov 2018 16:08
 Operator : JU/SJ
 Sample : PB114487BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114487BS

Quant Time: Nov 06 16:43:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	244868	106.004	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	138777	42.955	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	151588	43.094	ng	98
46) 1,1'-Biphenyl	13.56	154	479684	38.633	ng	98
47) 2-Chloronaphthalene	13.61	162	380268	40.482	ng	99
48) 2-Nitroaniline	13.82	65	121032	42.488	ng	98
49) Acenaphthylene	14.46	152	629400	44.542	ng	99
50) Dimethylphthalate	14.18	163	478357	41.243	ng	100
51) 2,6-Dinitrotoluene	14.31	165	110643	43.122	ng	93
52) Acenaphthene	14.79	154	365700	42.023	ng	98
53) 3-Nitroaniline	14.65	138	95545	33.543	ng	# 93
54) 2,4-Dinitrophenol	14.84	184	58736	61.220	ng	98
55) Dibenzofuran	15.13	168	594521	41.233	ng	99
56) 4-Nitrophenol	14.94	139	219938	104.316	ng	97
57) 2,4-Dinitrotoluene	15.09	165	153424	45.553	ng	95
58) Fluorene	15.77	166	479779	44.435	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	133701	44.393	ng	99
60) Diethylphthalate	15.53	149	497496	41.780	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	252635	40.143	ng	98
62) 4-Nitroaniline	15.81	138	117518	41.520	ng	89
63) Azobenzene	16.06	77	470091	41.377	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	64839	37.765	ng	99
66) n-Nitrosodiphenylamine	15.98	169	431839	41.317	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	158213	41.464	ng	98
68) Hexachlorobenzene	16.77	284	160055	40.473	ng	98
69) Atrazine	16.92	200	161041	42.616	ng	99
70) Pentachlorophenol	17.12	266	170639	64.418	ng	95
71) Phenanthrene	17.52	178	778439	44.081	ng	99
72) Anthracene	17.61	178	790479	45.613	ng	98
73) Carbazole	17.88	167	708634	40.878	ng	99
74) Di-n-butylphthalate	18.42	149	839797	43.549	ng	100
75) Fluoranthene	19.52	202	891959	44.534	ng	99
77) Benzidine	19.71	184	383159	35.721	ng	99
78) Pyrene	19.89	202	884397	42.886	ng	99
80) Butylbenzylphthalate	20.76	149	380980	45.141	ng	96
81) Benzo(a)anthracene	21.74	228	829266	44.443	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	225938	31.240	ng	98
83) Chrysene	21.81	228	782897	43.635	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	536197	45.325	ng	98
85) Di-n-octyl phthalate	22.85	149	888119	46.038	ng	97
86) Indeno(1,2,3-cd)pyrene	28.90	276	709149	36.851	ng	97
88) Benzo(b)fluoranthene	24.03	252	772973	45.155	ng	99
89) Benzo(k)fluoranthene	24.10	252	798239	47.596	ng	98
90) Benzo(a)pyrene	24.94	252	765301	47.048	ng	99
91) Dibenzo(a,h)anthracene	28.98	278	534958	35.653	ng	99
92) Benzo(g,h,i)perylene	30.11	276	608593	40.092	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

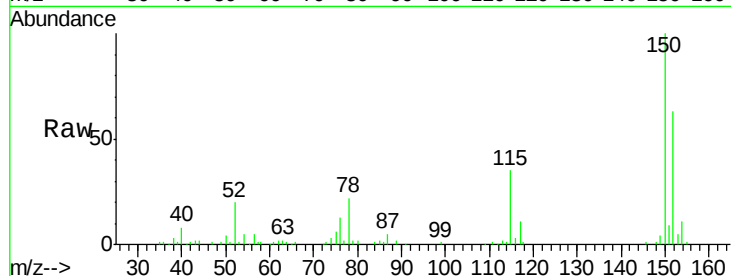
Tgt Ion:152 Resp: 49549

Ion Ratio Lower Upper

152 100

150 158.0 126.0 189.0

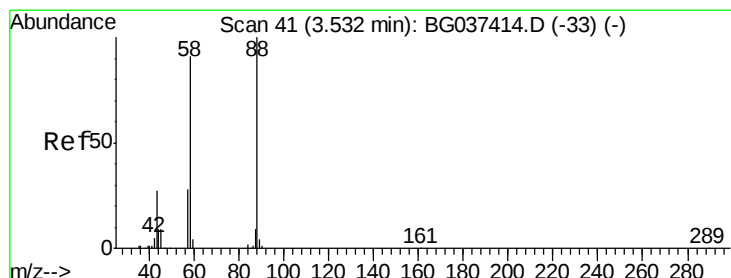
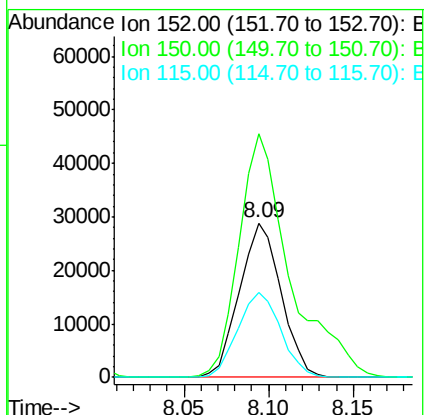
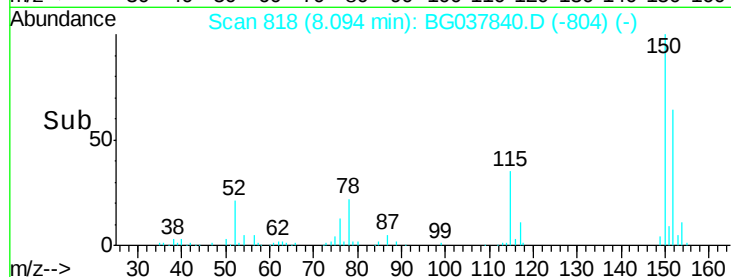
115 54.9 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.177 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

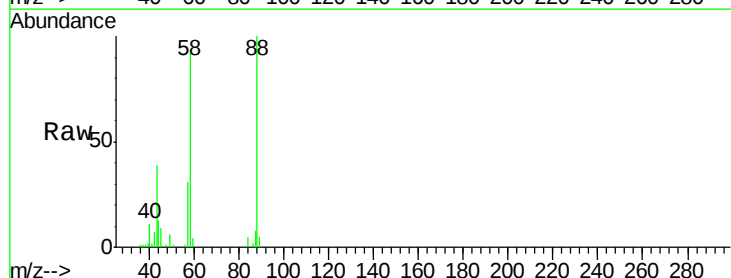
Tgt Ion: 88 Resp: 46858

Ion Ratio Lower Upper

88 100

58 91.4 74.4 111.6

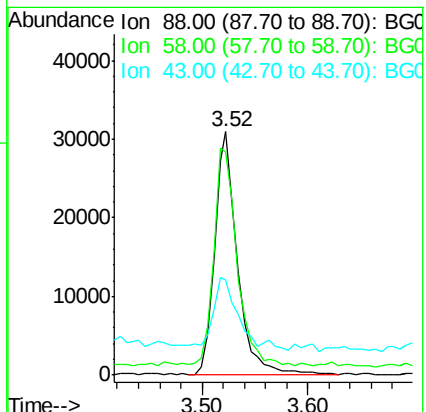
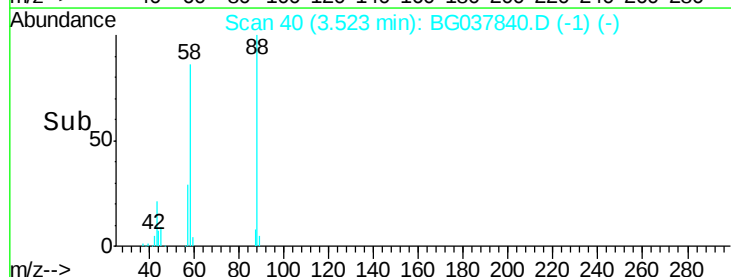
43 29.0 25.8 38.8

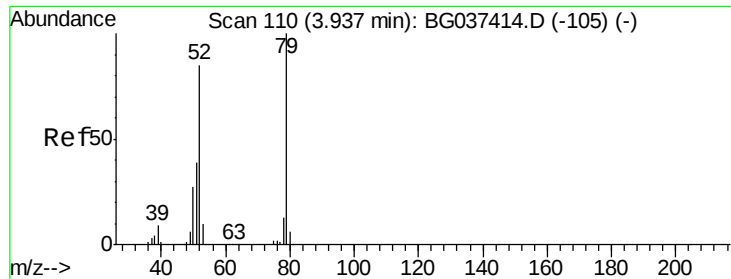


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.131 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

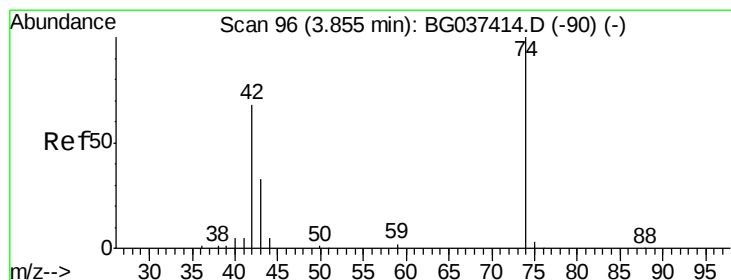
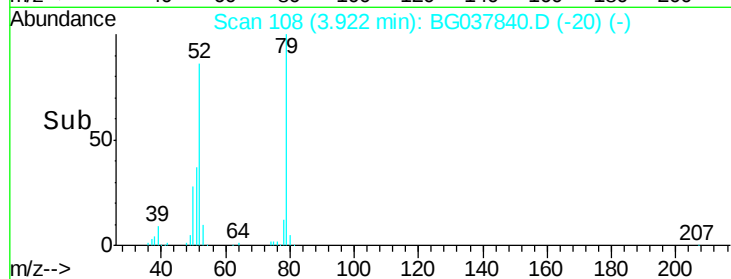
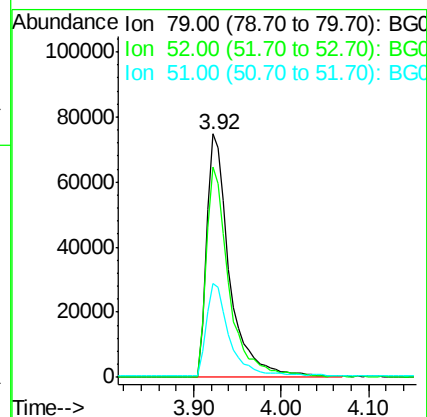
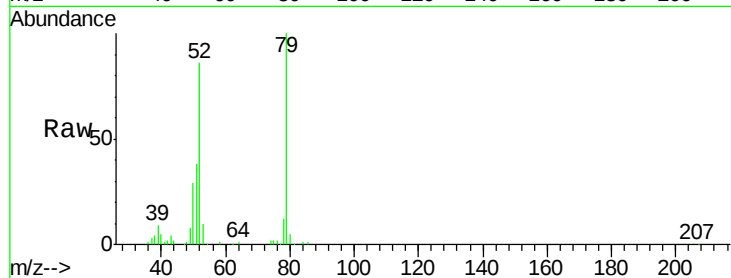
Tgt Ion: 79 Resp: 136872

Ion Ratio Lower Upper

79 100

52 86.3 74.2 111.2

51 38.3 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 43.664 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

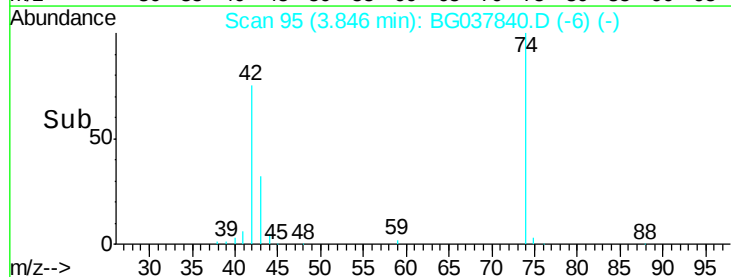
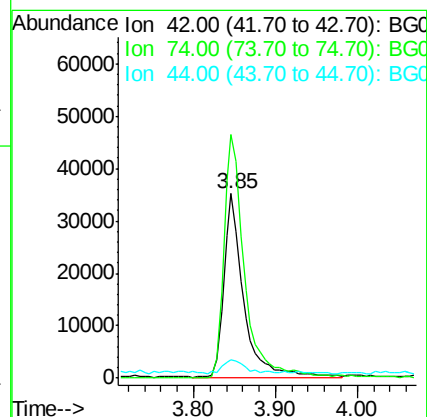
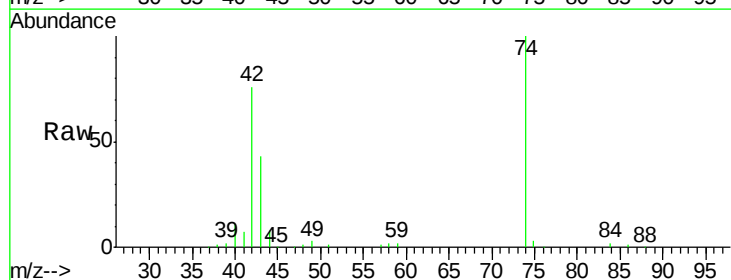
Tgt Ion: 42 Resp: 58915

Ion Ratio Lower Upper

42 100

74 131.9 102.0 153.0

44 10.3 9.6 14.4





#5

2-Fluorophenol

Concen: 165.293 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

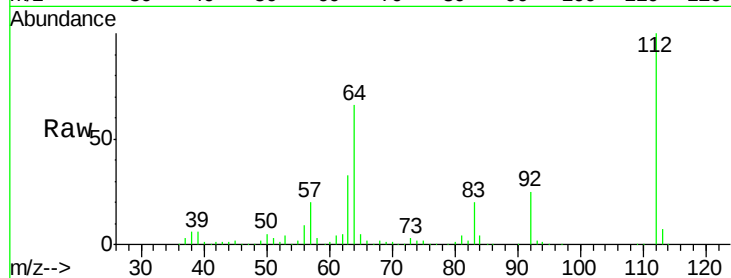
Tgt Ion: 112 Resp: 489881

Ion Ratio Lower Upper

112 100

64 66.1 53.1 79.7

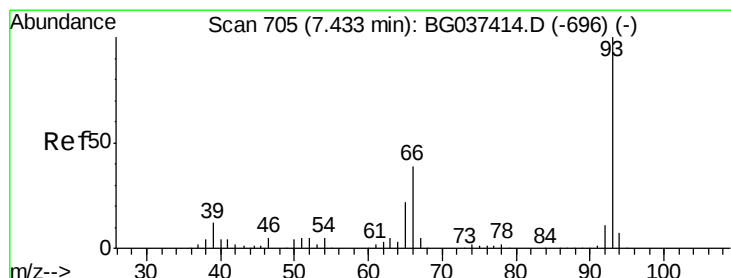
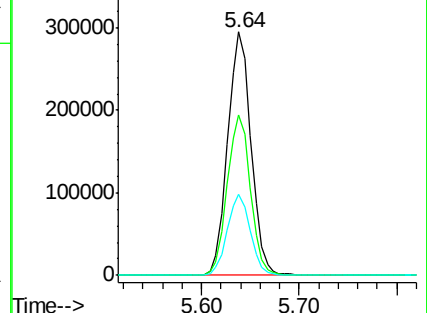
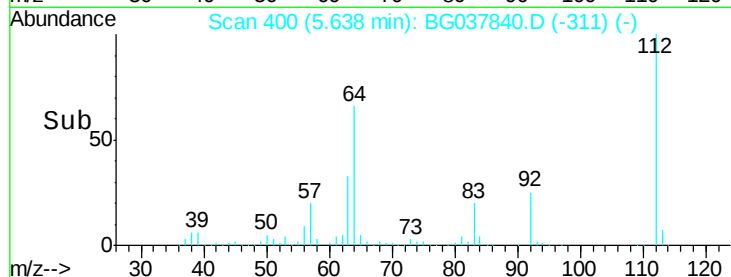
63 33.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.864 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

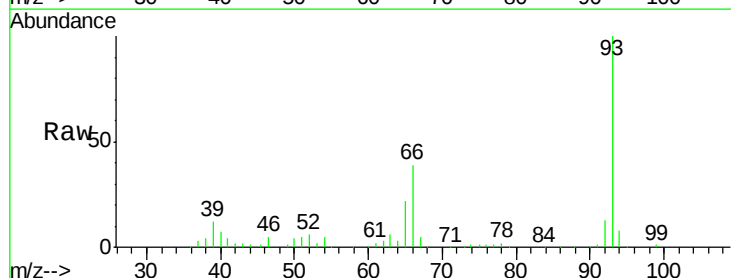
Tgt Ion: 93 Resp: 174207

Ion Ratio Lower Upper

93 100

66 38.6 32.8 49.2

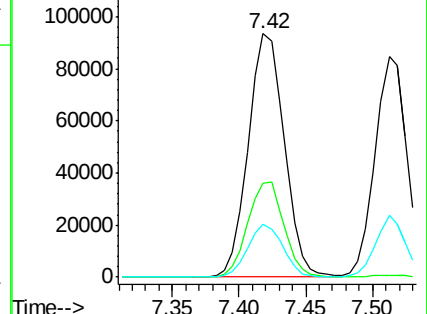
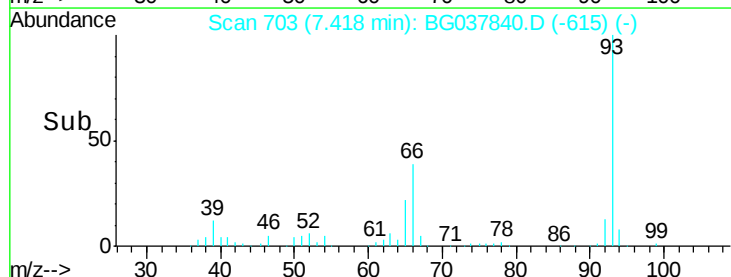
65 21.6 16.4 24.6

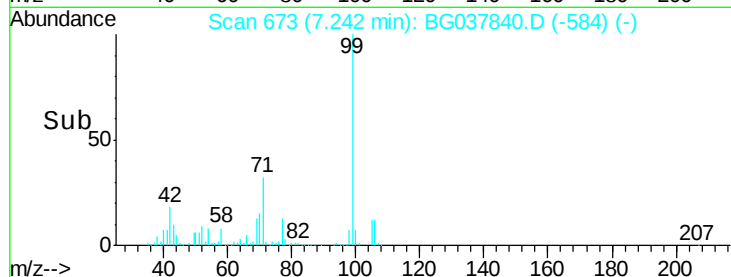
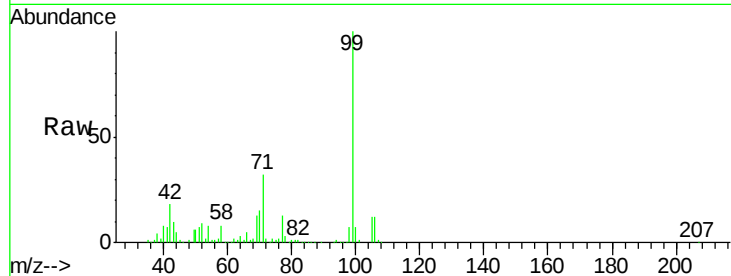
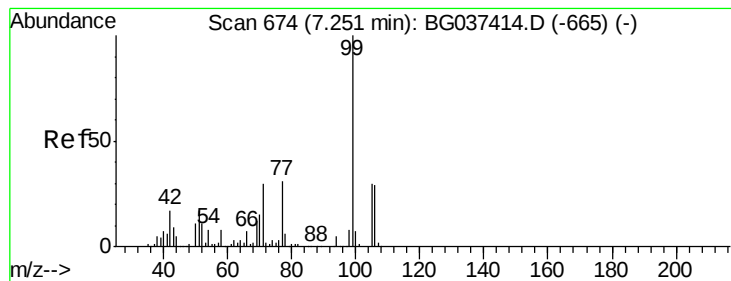


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.479 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

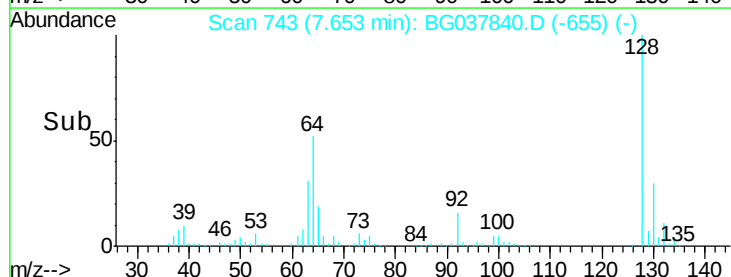
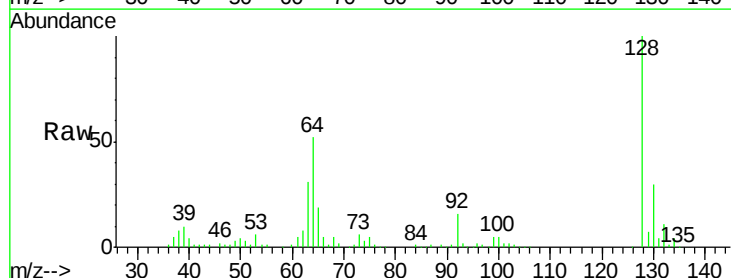
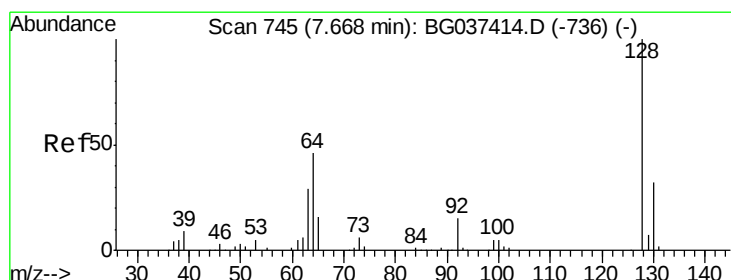
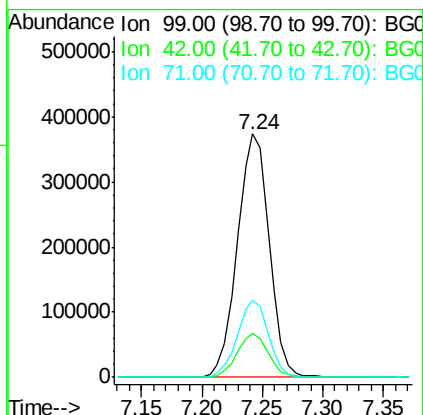
Tgt Ion: 99 Resp: 687816

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

71 31.8 25.5 38.3



#8

2-Chlorophenol

Concen: 43.660 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

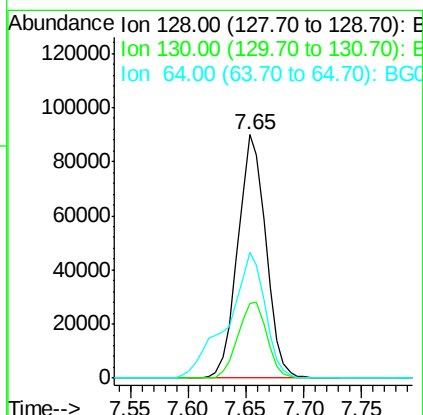
Tgt Ion: 128 Resp: 151375

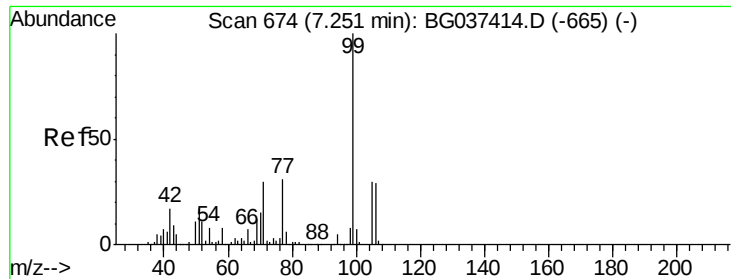
Ion Ratio Lower Upper

128 100

130 30.5 12.0 52.0

64 51.7 32.9 72.9





#9

Benzaldehyde

Concen: 38.047 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

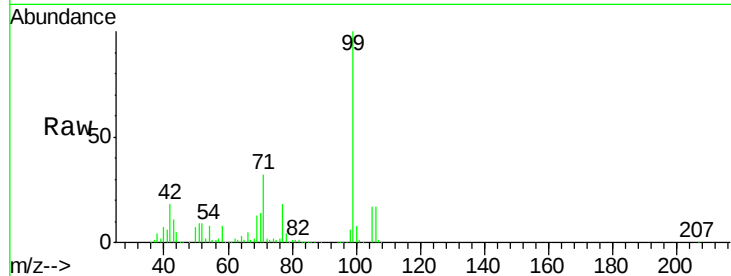
Tgt Ion: 77 Resp: 106660

Ion Ratio Lower Upper

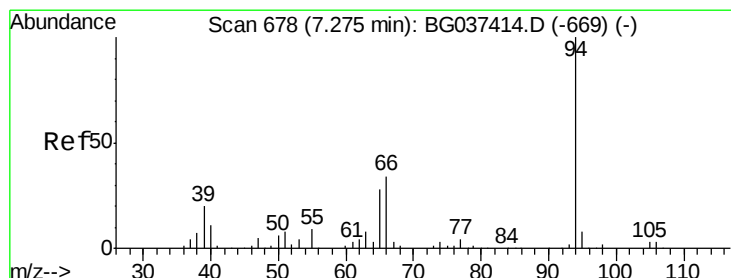
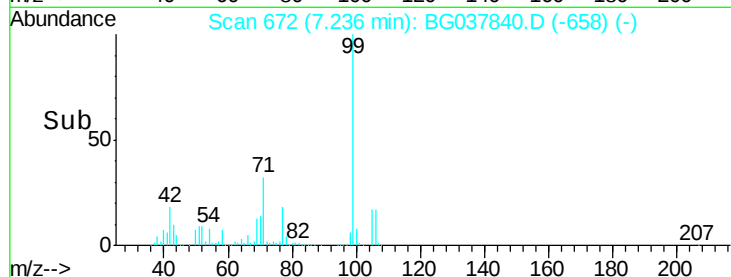
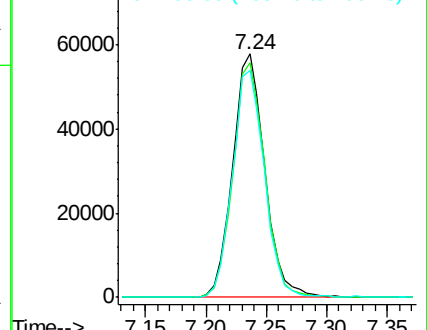
77 100

105 96.3 72.6 112.6

106 93.4 71.3 111.3



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



#10

Phenol

Concen: 42.485 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

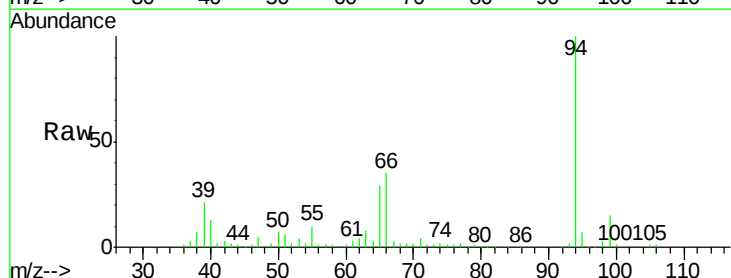
Tgt Ion: 94 Resp: 200888

Ion Ratio Lower Upper

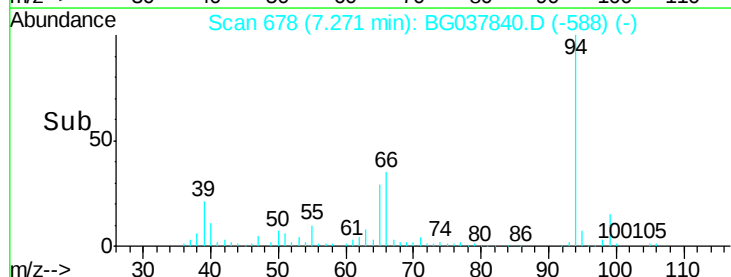
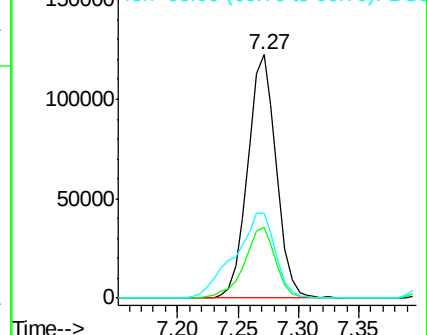
94 100

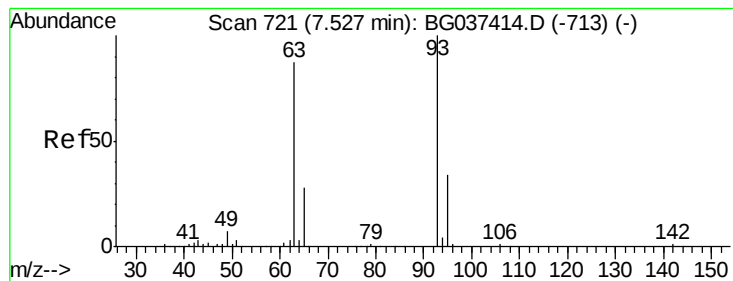
65 29.2 9.7 49.7

66 34.7 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.326 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

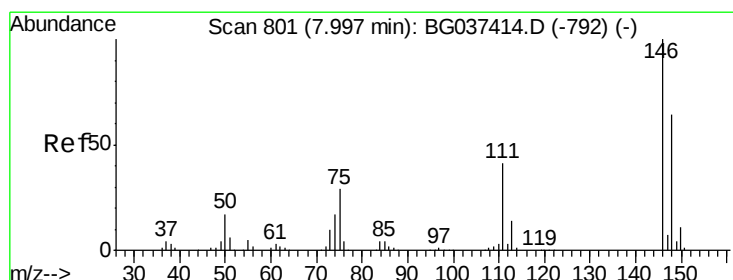
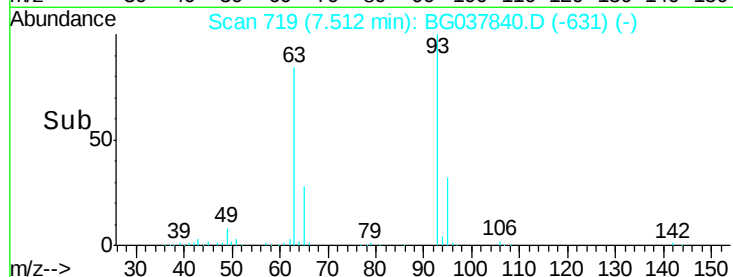
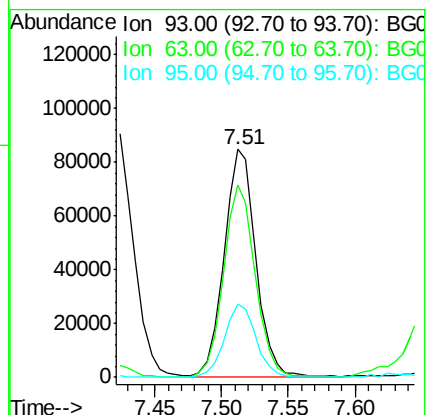
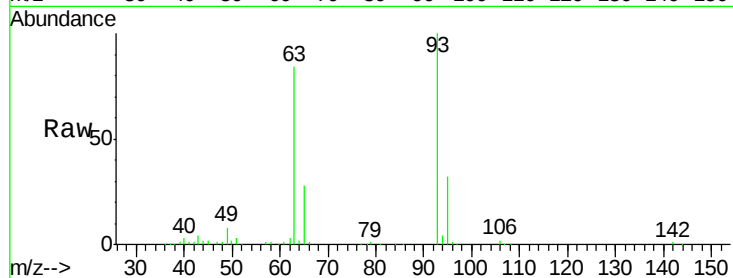
Tgt Ion: 93 Resp: 141231

Ion Ratio Lower Upper

93 100

63 84.5 69.5 109.5

95 32.5 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.715 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

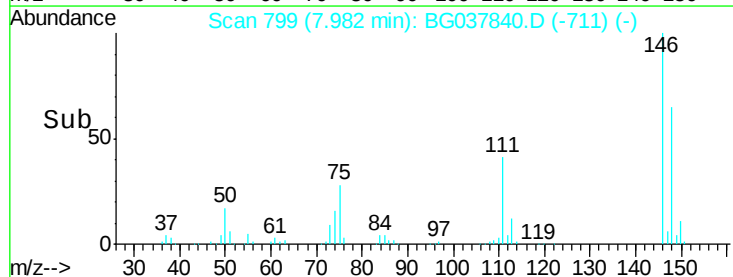
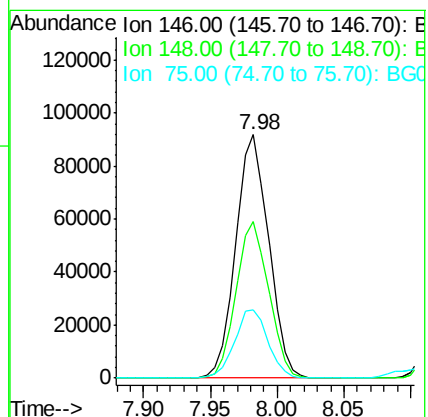
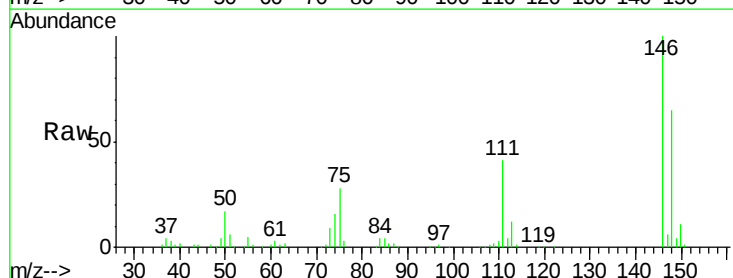
Tgt Ion: 146 Resp: 157152

Ion Ratio Lower Upper

146 100

148 64.6 49.8 74.8

75 28.2 23.2 34.8

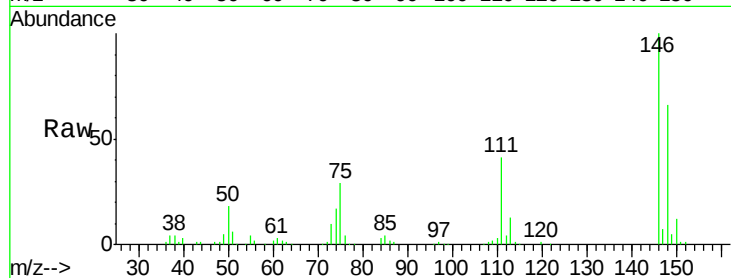




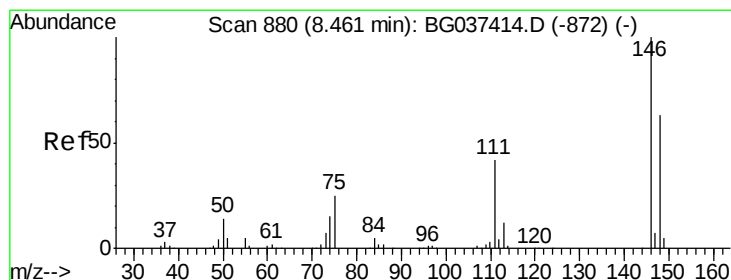
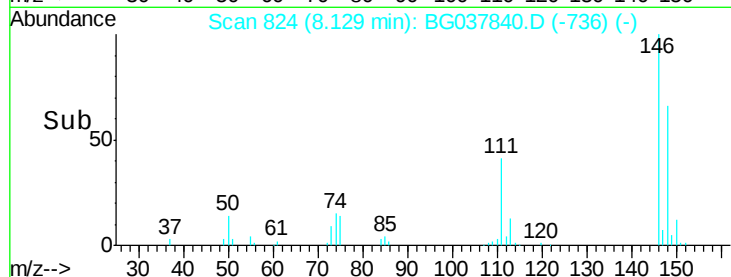
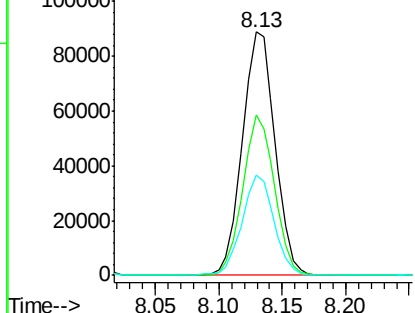
#13
 1,4-Dichlorobenzene
 Concen: 40.291 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampleId :
 PB114487BS

Tgt Ion:146 Resp: 159080
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.0 76.6
 111 41.1 32.4 48.6

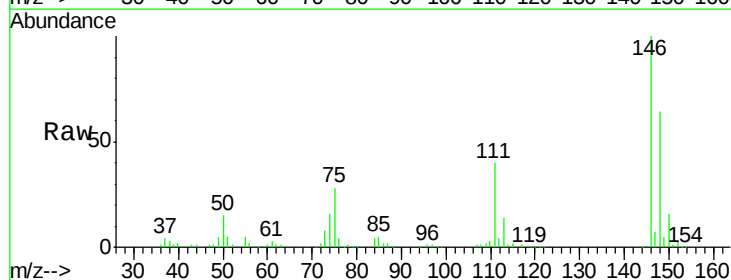


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

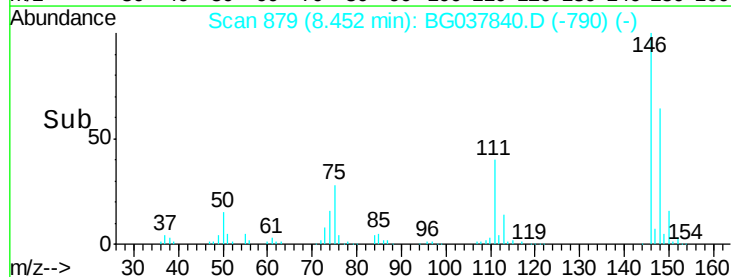
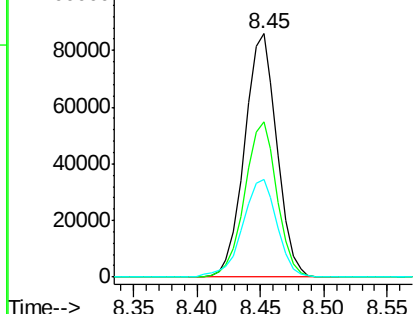


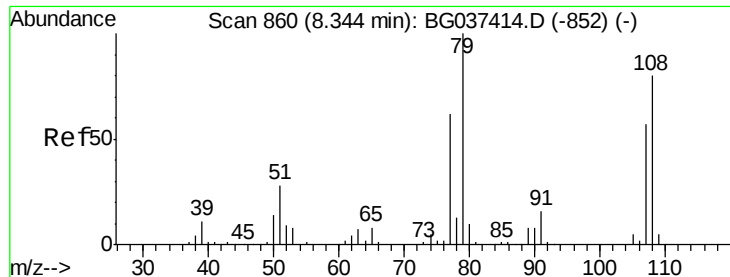
#14
 1,2-Dichlorobenzene
 Concen: 39.944 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Tgt Ion:146 Resp: 151706
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 40.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 39.666 ng

RT: 8.33 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

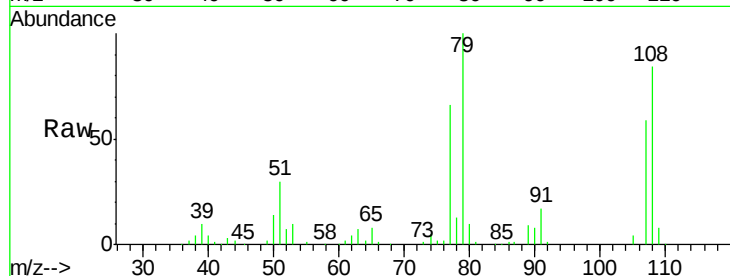
Tgt Ion: 79 Resp: 131348

Ion Ratio Lower Upper

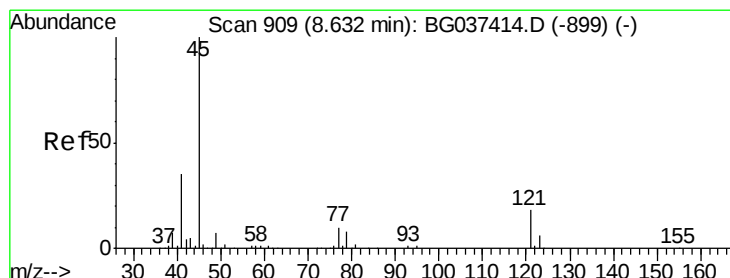
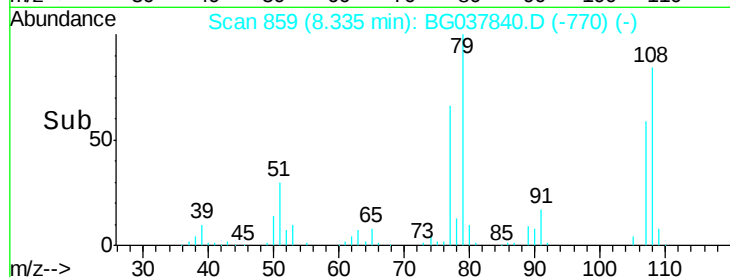
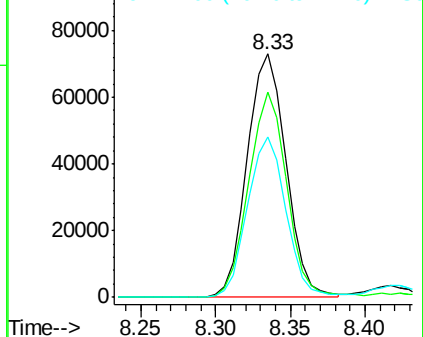
79 100

108 84.1 65.8 98.8

77 65.7 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.601 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

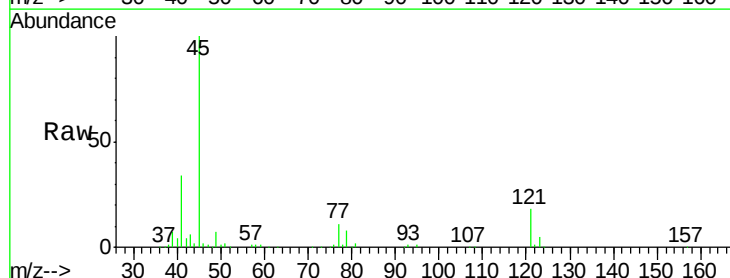
Tgt Ion: 45 Resp: 254471

Ion Ratio Lower Upper

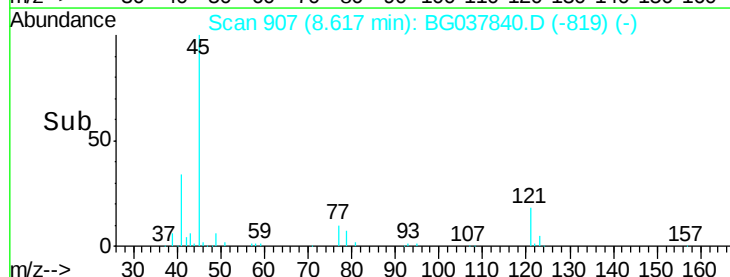
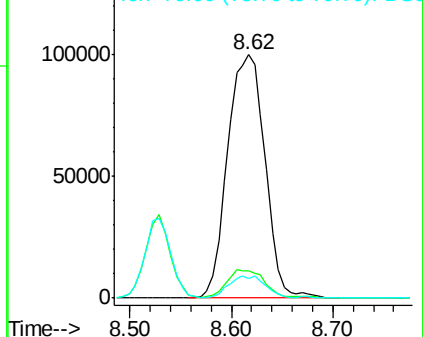
45 100

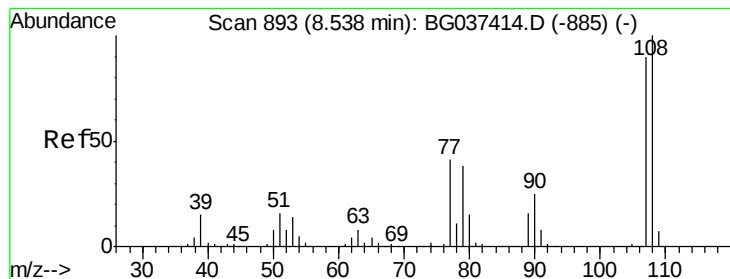
77 11.4 0.0 30.0

79 8.3 0.0 29.0



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





#17

2-Methylphenol

Concen: 43.930 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

Tgt Ion:107 Resp: 137329

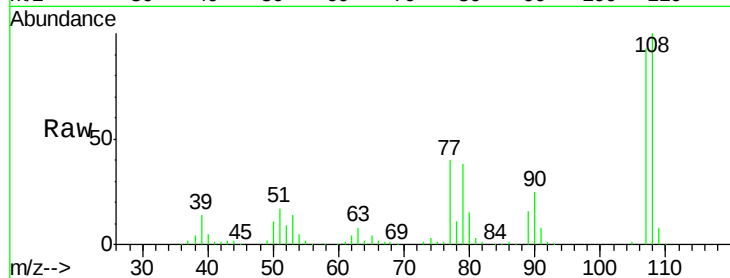
Ion Ratio Lower Upper

107 100

108 107.5 87.9 131.9

77 42.6 35.1 52.7

79 40.5 34.5 51.7

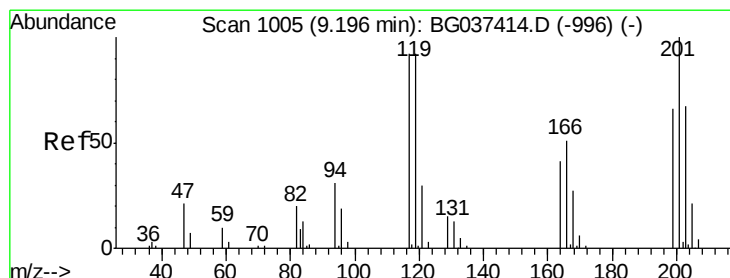
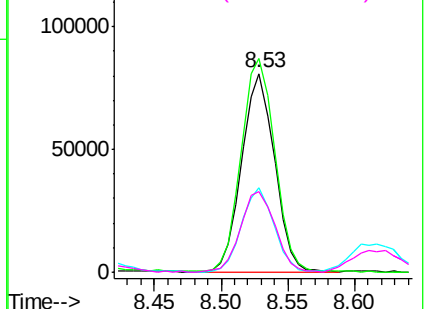
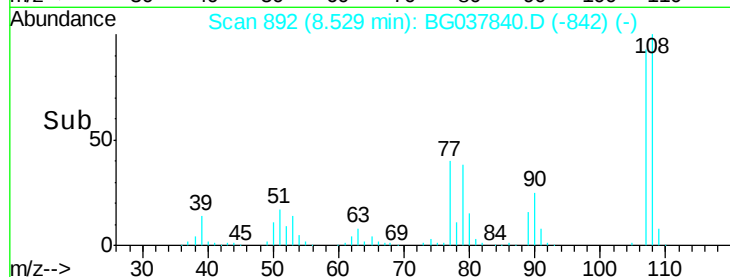


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.846 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

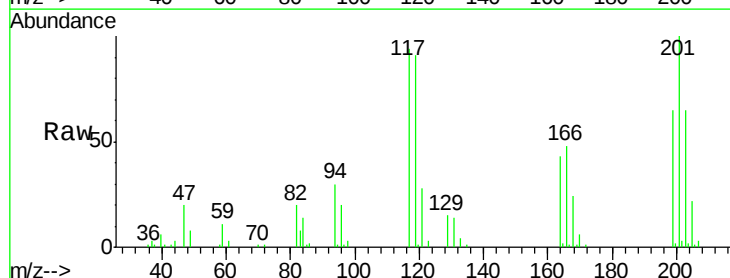
Tgt Ion:117 Resp: 57672

Ion Ratio Lower Upper

117 100

119 96.8 74.6 111.8

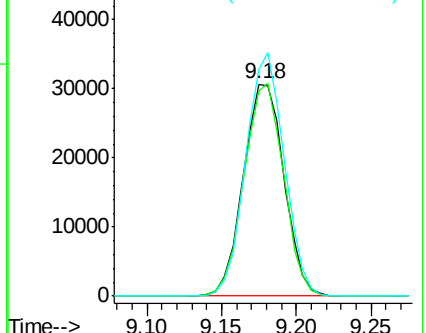
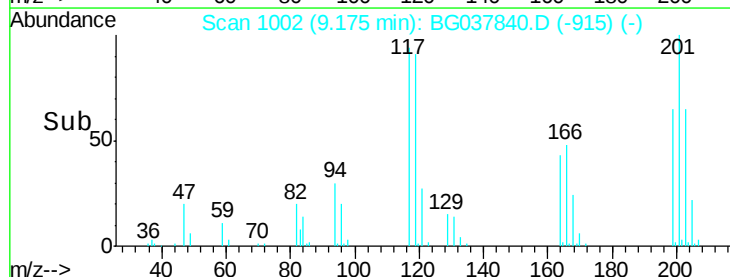
201 110.0 80.8 121.2

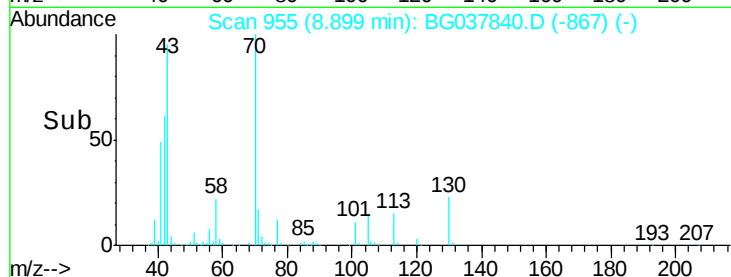
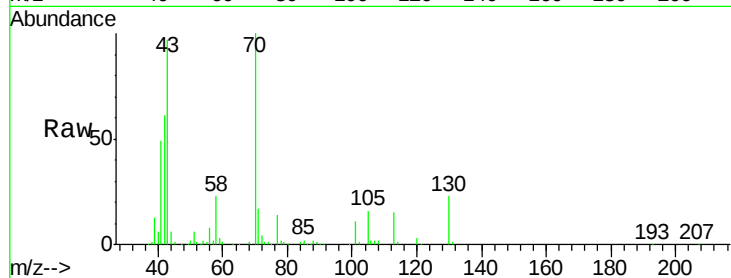
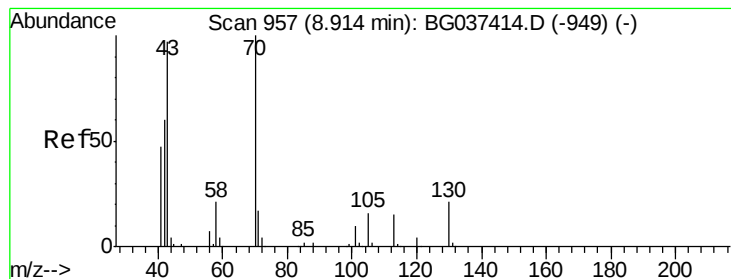


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.193 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

Tgt Ion: 70 Resp: 114778

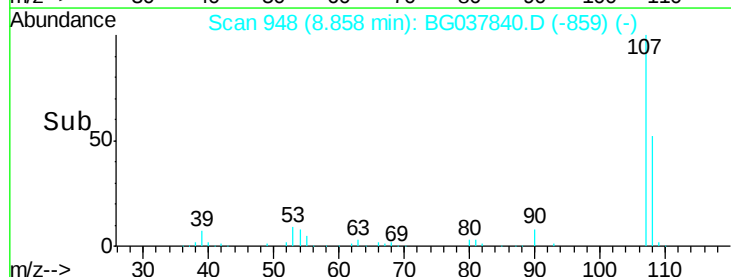
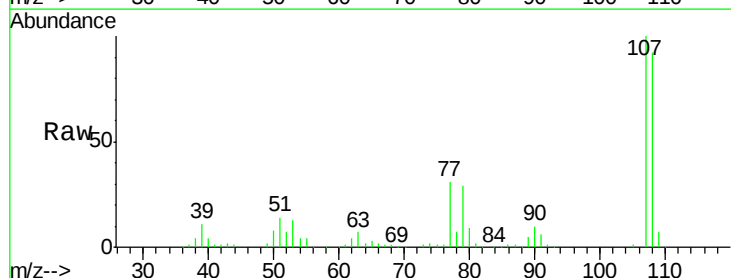
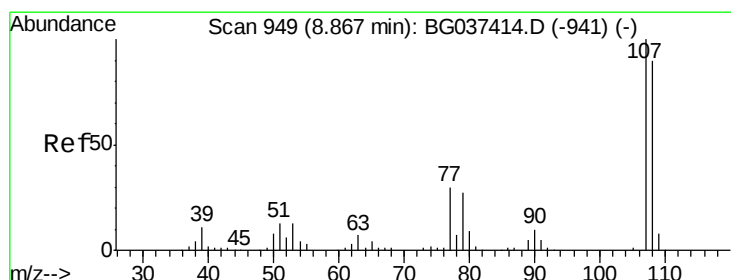
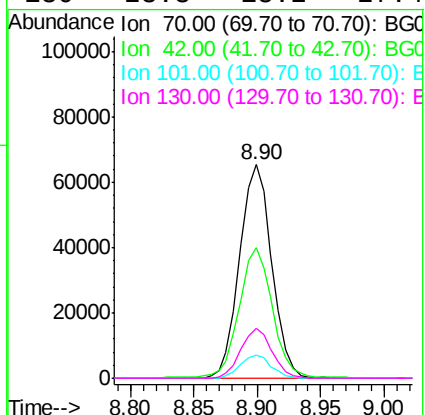
Ion Ratio Lower Upper

70 100

42 61.3 53.9 80.9

101 11.0 8.2 12.2

130 23.3 18.2 27.4



#20

3+4-Methylphenols

Concen: 42.653 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Tgt Ion: 107 Resp: 190635

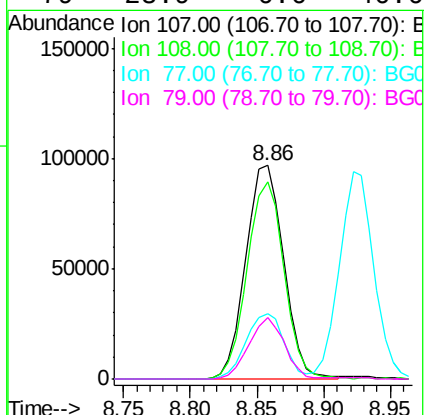
Ion Ratio Lower Upper

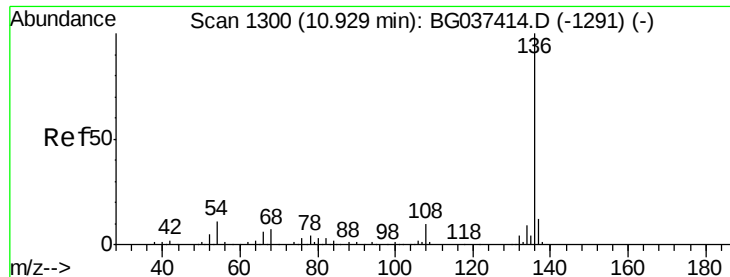
107 100

108 92.2 69.9 109.9

77 30.8 11.2 51.2

79 28.9 6.6 46.6

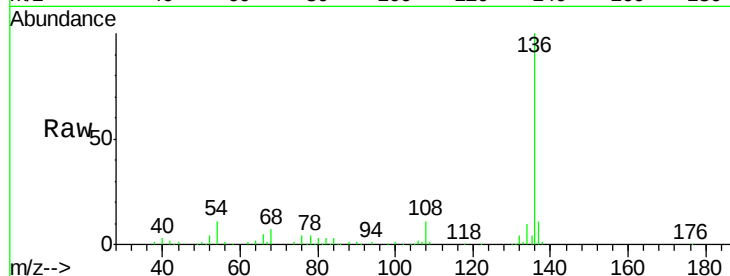




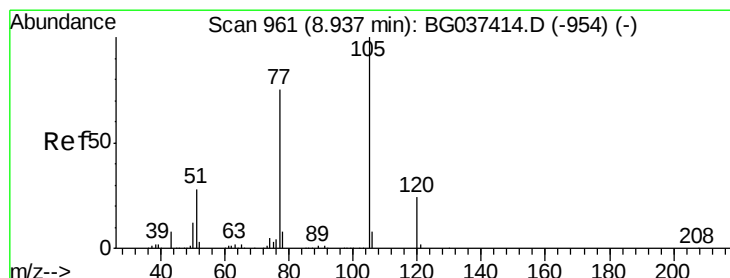
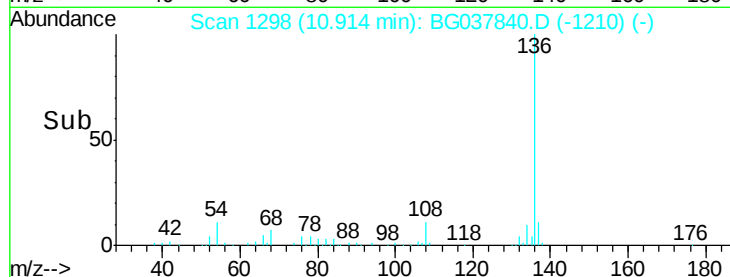
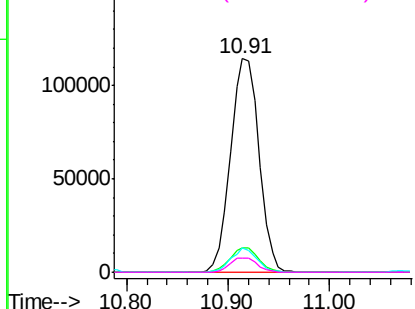
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion:	136	Resp:	222376
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	11.2	7.9	11.9
68	6.6	4.8	7.2



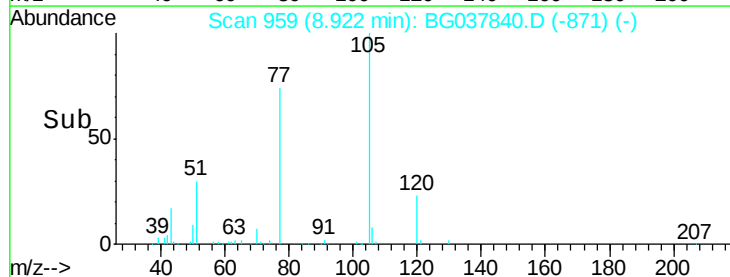
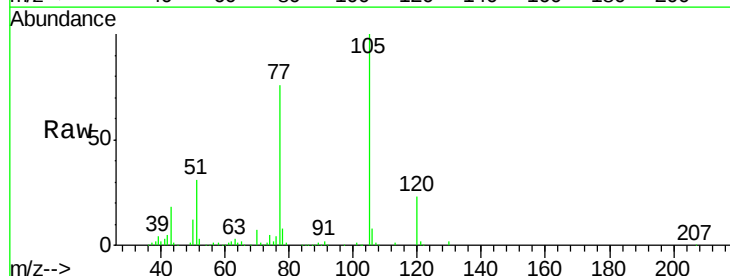
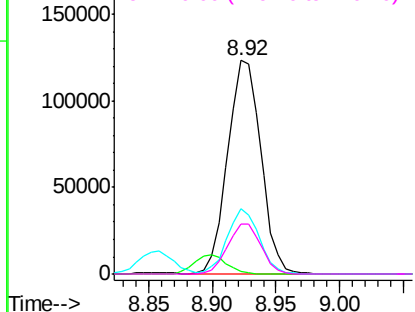
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.892 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion:	105	Resp:	222482
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.2	1.8#
51	30.9	25.0	37.6
120	23.2	18.6	28.0

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

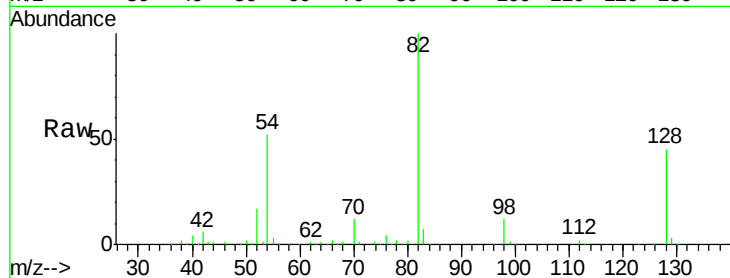




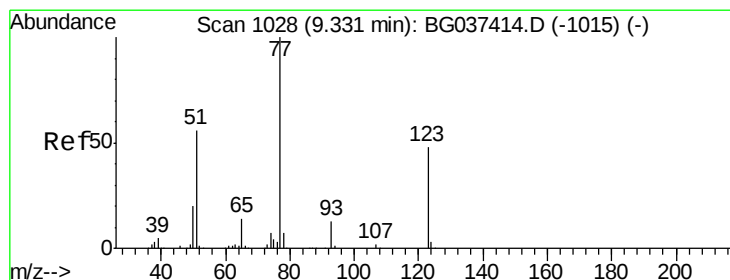
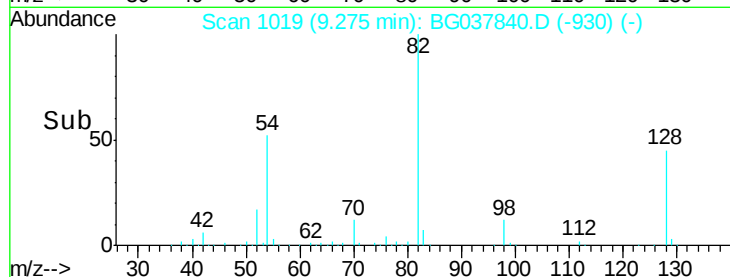
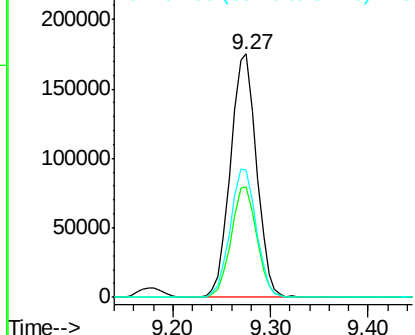
#23
 Nitrobenzene-d5
 Concen: 81.990 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampleId :
 PB114487BS

Tgt Ion: 82 Resp: 325473
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 51.8
 54 52.1 45.3 67.9

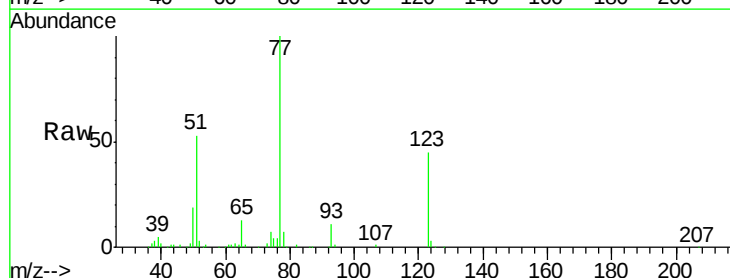


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

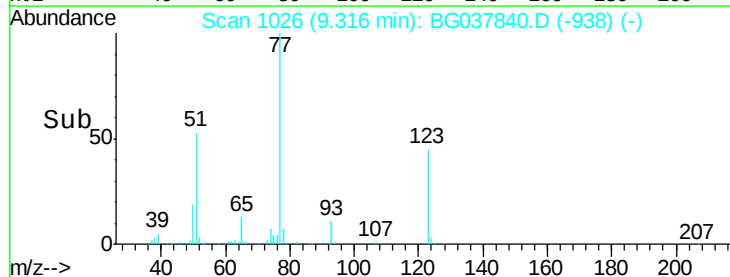
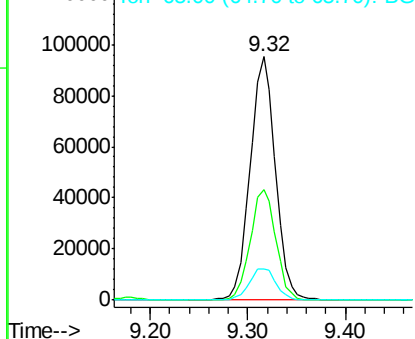


#24
 Nitrobenzene
 Concen: 42.130 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Tgt Ion: 77 Resp: 173738
 Ion Ratio Lower Upper
 77 100
 123 45.2 33.6 50.4
 65 13.1 11.3 16.9



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





#25

Isophorone

Concen: 44.818 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

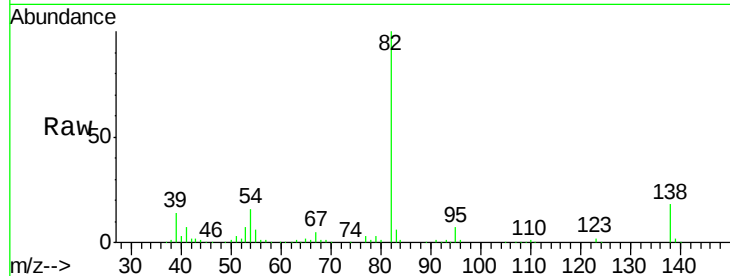
Tgt Ion: 82 Resp: 325077

Ion Ratio Lower Upper

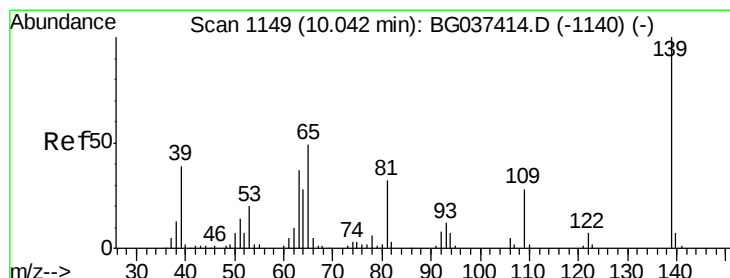
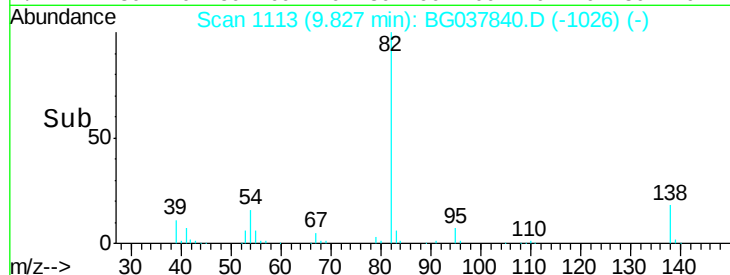
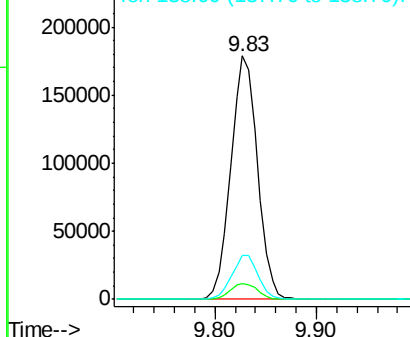
82 100

95 6.7 5.3 7.9

138 17.9 13.3 19.9



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



#26

2-Nitrophenol

Concen: 46.706 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

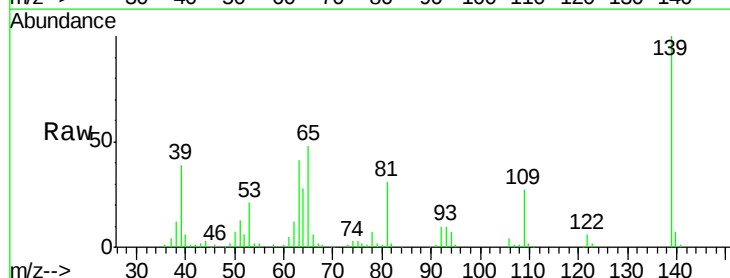
Tgt Ion: 139 Resp: 86769

Ion Ratio Lower Upper

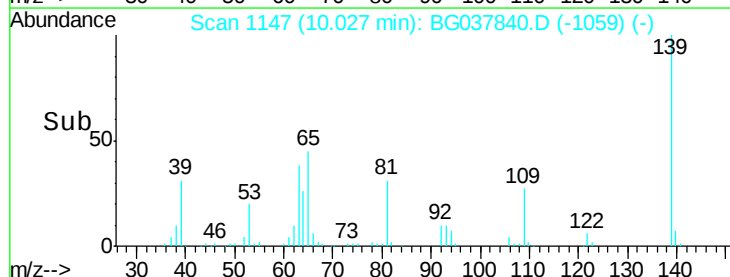
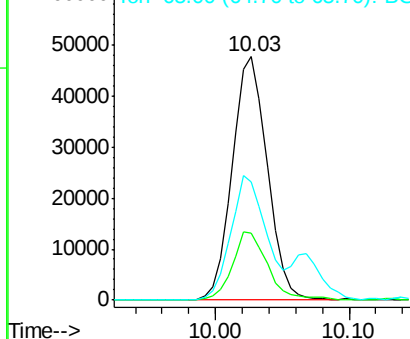
139 100

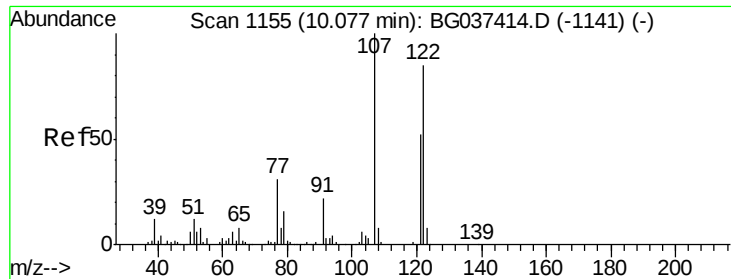
109 27.5 23.3 34.9

65 48.4 39.8 59.8



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

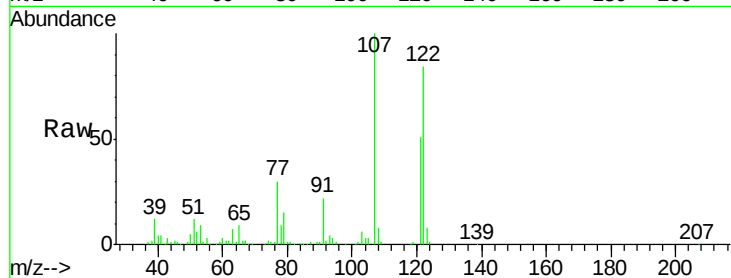




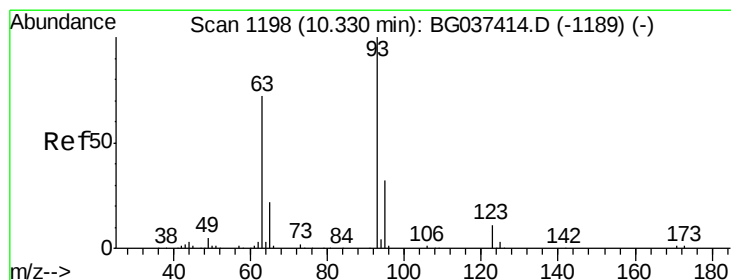
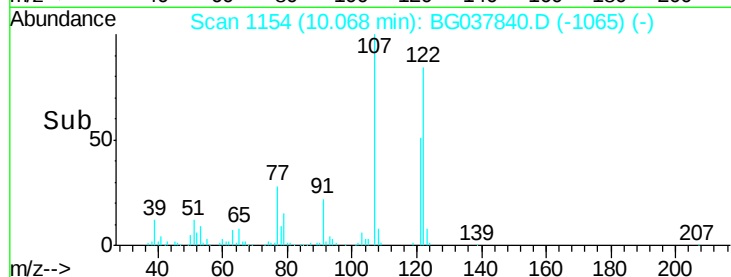
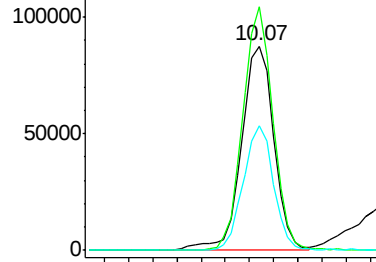
#27
2,4-Dimethylphenol
Concen: 48.764 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion:122 Resp: 161750
Ion Ratio Lower Upper
122 100
107 119.3 94.2 141.2
121 60.8 47.3 70.9

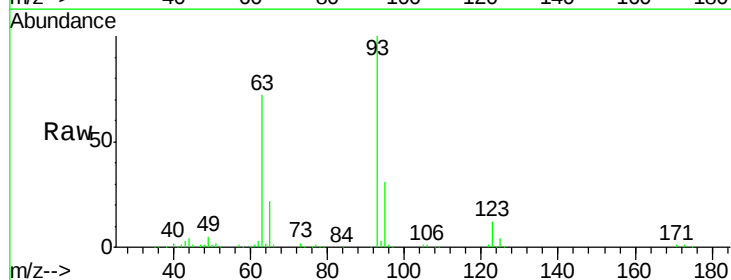


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

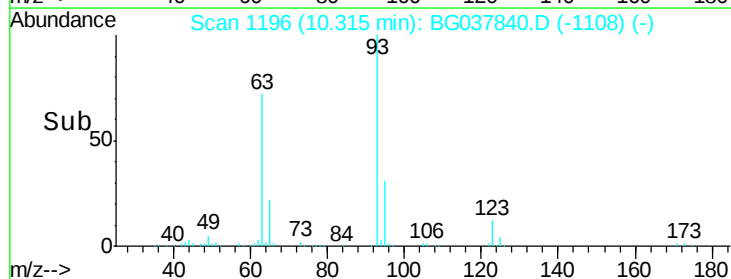
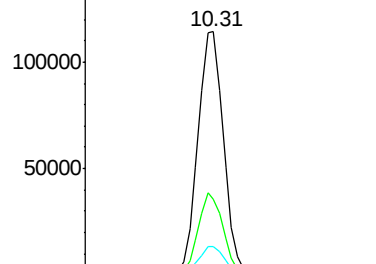


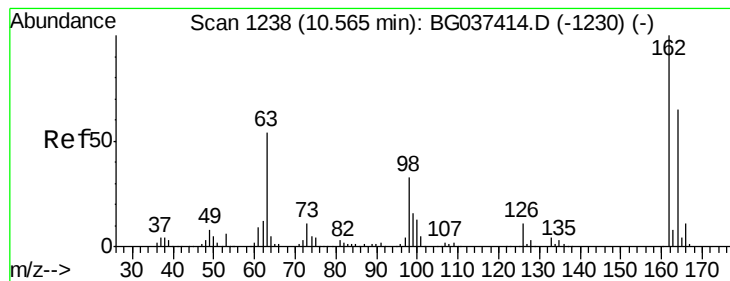
#28
bis(2-Chloroethoxy)methane
Concen: 42.545 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion: 93 Resp: 202181
Ion Ratio Lower Upper
93 100
95 31.4 24.6 37.0
123 11.8 9.1 13.7



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





#29

2,4-Dichlorophenol

Concen: 44.805 ng

RT: 10.56 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

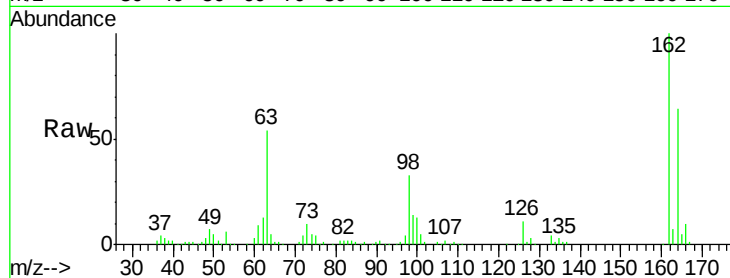
Tgt Ion:162 Resp: 165475

Ion Ratio Lower Upper

162 100

164 63.6 43.2 83.2

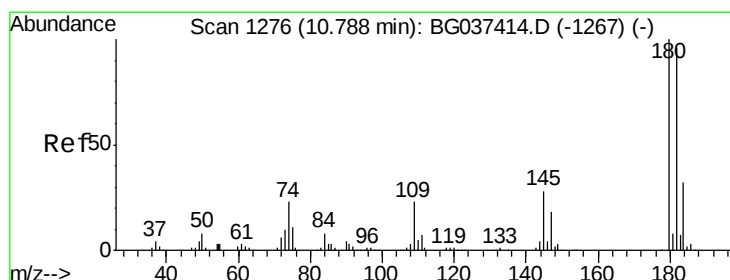
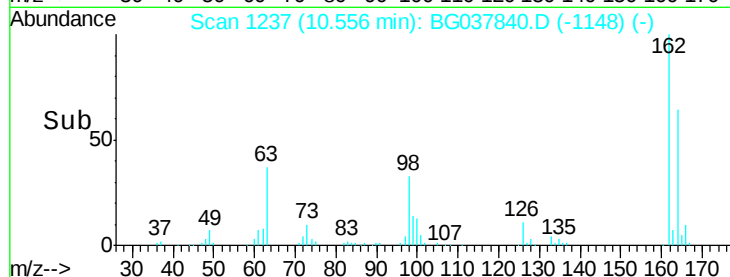
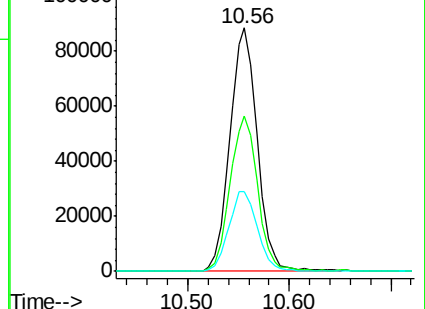
98 32.9 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.043 ng

RT: 10.77 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

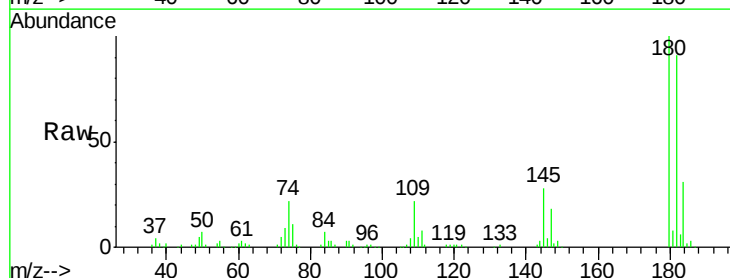
Tgt Ion:180 Resp: 168856

Ion Ratio Lower Upper

180 100

182 90.7 77.7 116.5

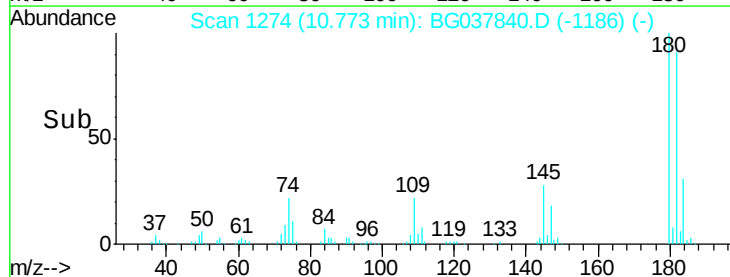
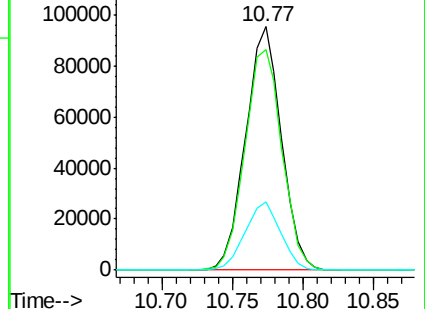
145 28.1 23.3 34.9

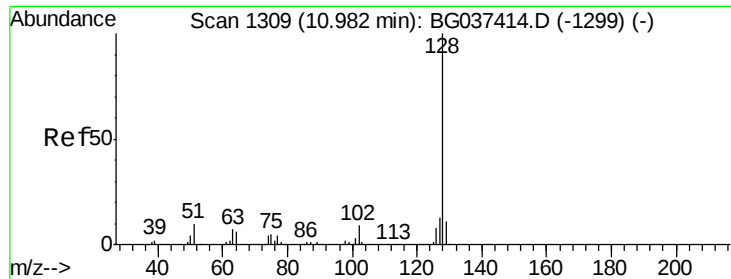


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

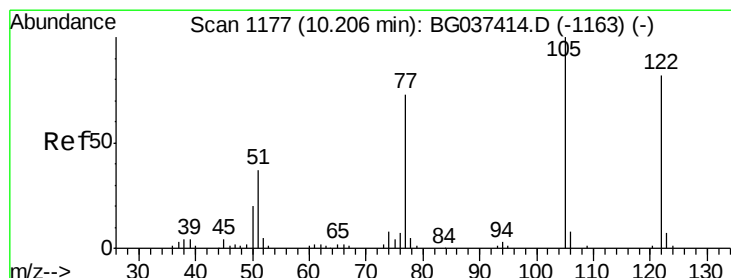
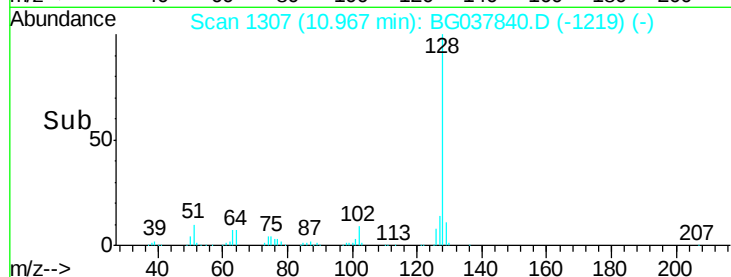
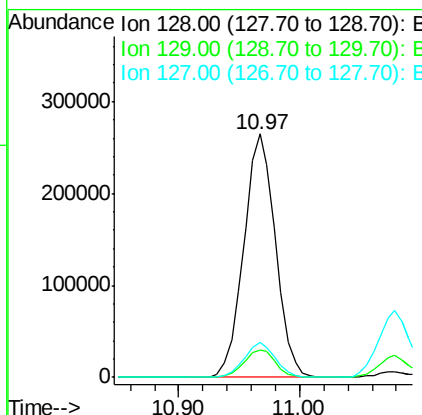
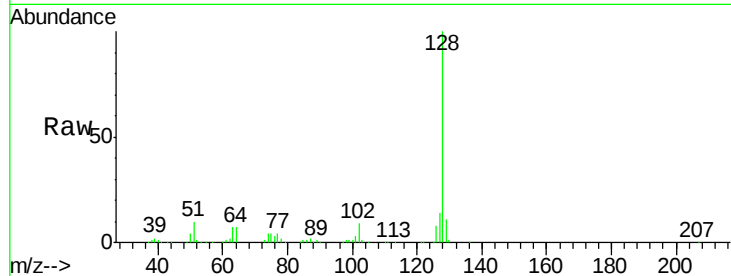




#31
Naphthalene
Concen: 44.135 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

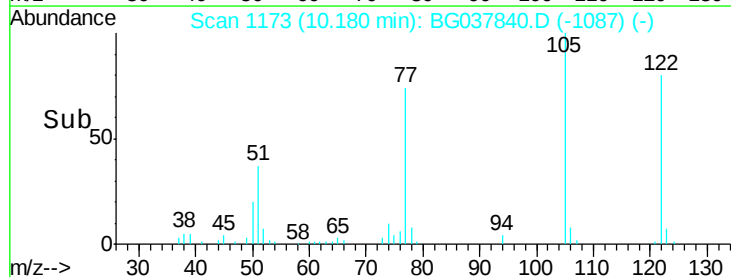
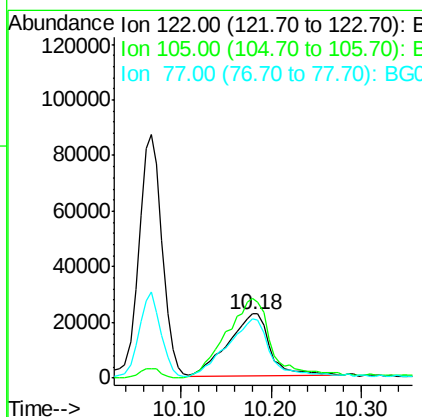
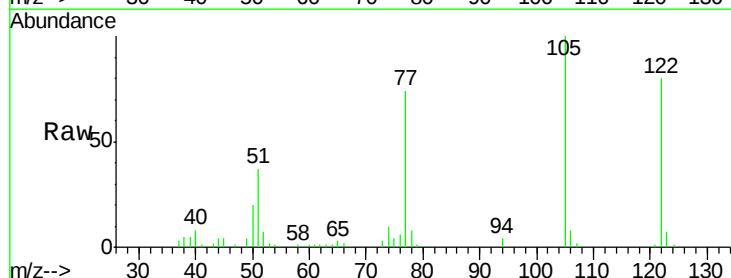
Instrument :
BNA_G
ClientSampleId :
PB114487BS

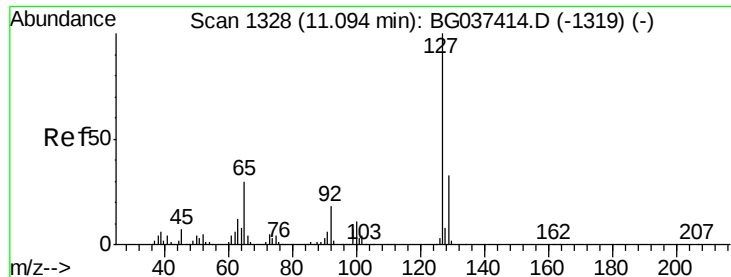
Tgt Ion:128 Resp: 482067
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.2 11.1 16.7



#32
Benzoic acid
Concen: 33.775 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion:122 Resp: 72765
Ion Ratio Lower Upper
122 100
105 125.2 106.7 146.7
77 93.1 72.2 112.2

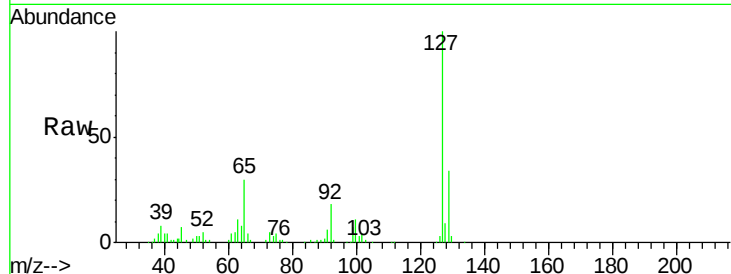




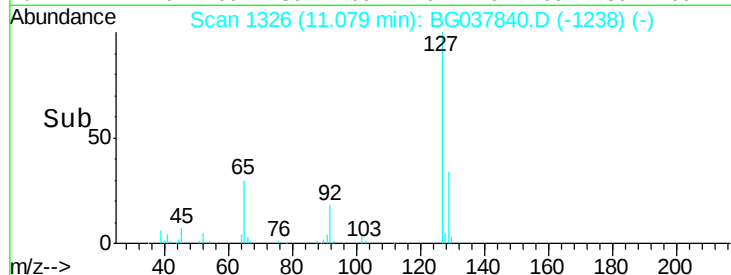
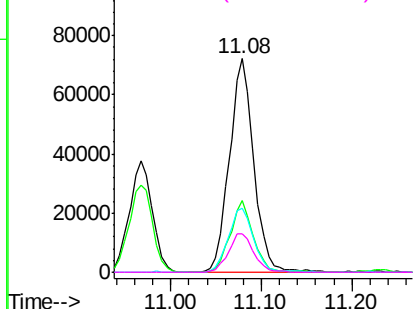
#33
4-Chloroaniline
Concen: 26.322 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion:	127	Resp:	135088
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.1	40.7
65	29.9	26.6	39.8
92	18.1	16.4	24.6

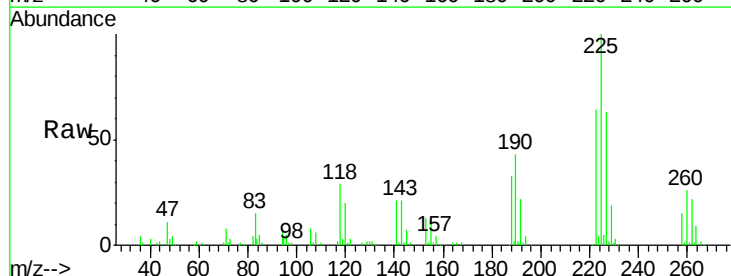


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

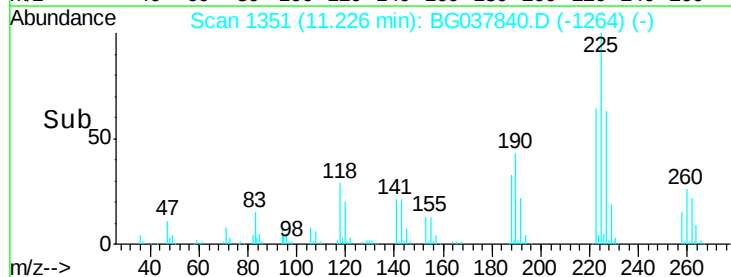
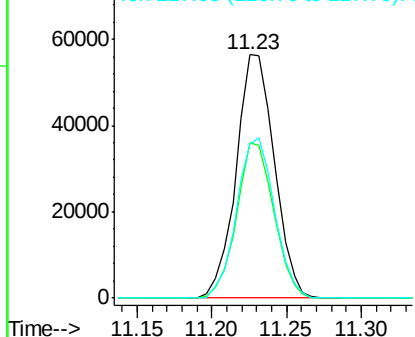


#34
Hexachlorobutadiene
Concen: 42.134 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion:	225	Resp:	100292
Ion	Ratio	Lower	Upper
225	100		
223	65.2	48.2	72.4
227	62.8	51.6	77.4



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





#35

Caprolactam

Concen: 38.590 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

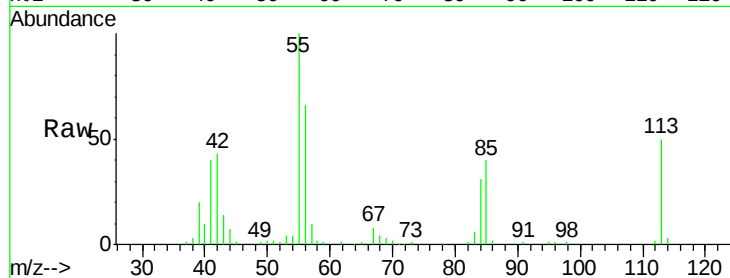
Tgt Ion:113 Resp: 57159

Ion Ratio Lower Upper

113 100

55 199.3 176.6 216.6

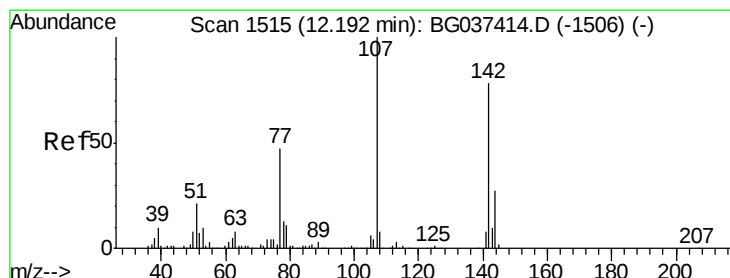
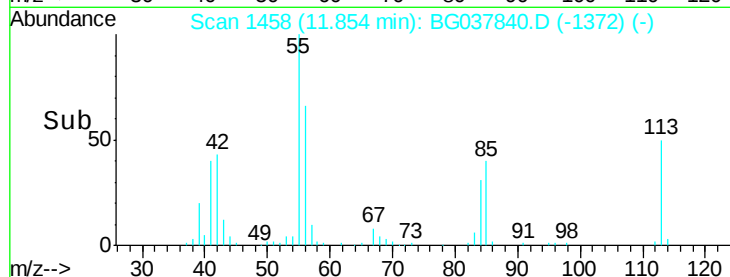
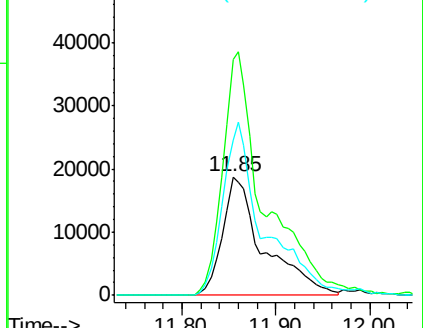
56 131.0 128.3 168.3



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: 42.112 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

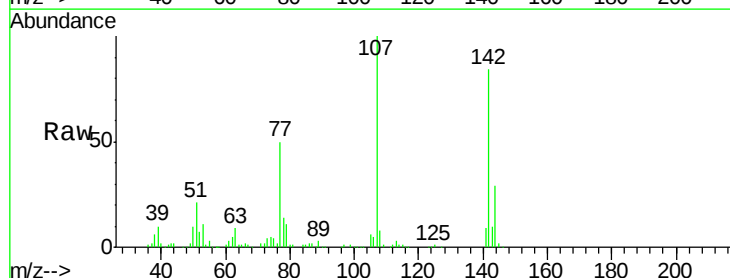
Tgt Ion:107 Resp: 175401

Ion Ratio Lower Upper

107 100

144 28.8 20.7 31.1

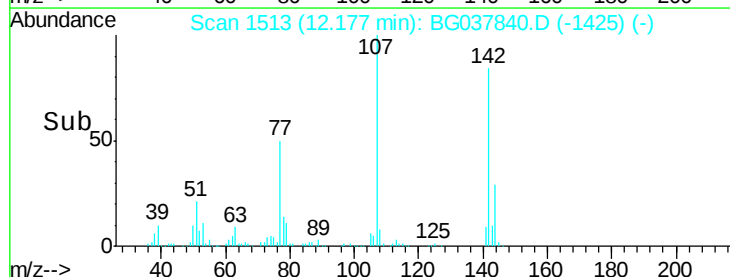
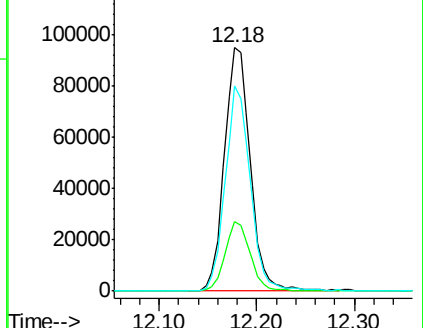
142 84.3 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

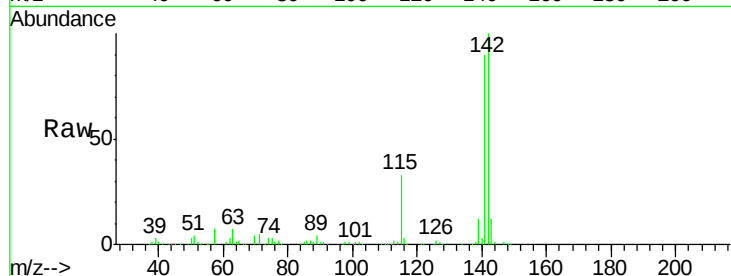




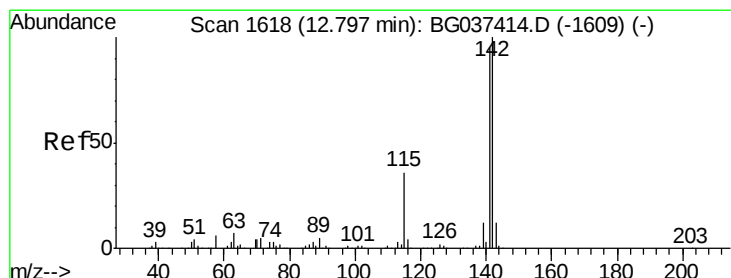
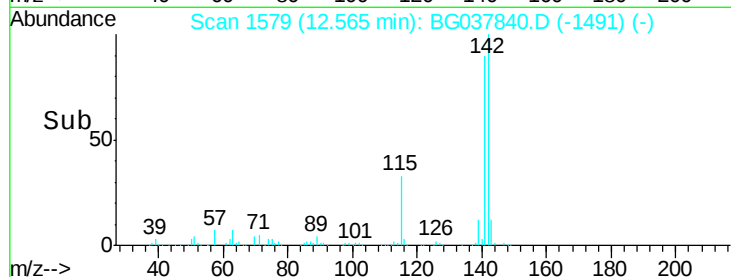
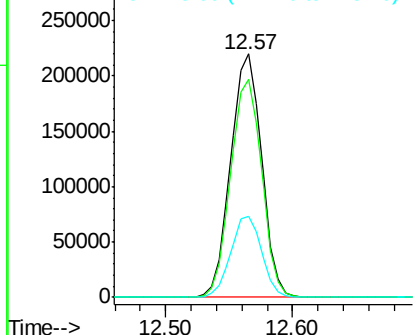
#37
 2-Methylnaphthalene
 Concen: 46.500 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampleId :
 PB114487BS

Tgt Ion:142 Resp: 370237
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.9 107.9
 115 33.1 27.8 41.8

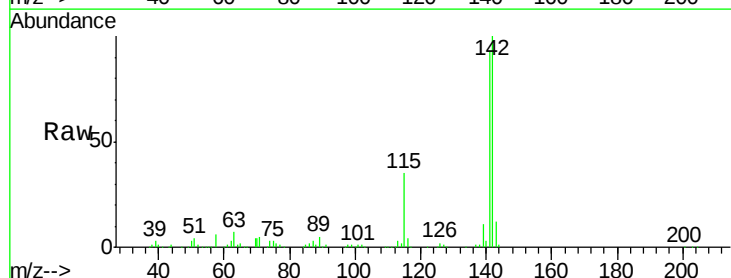


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

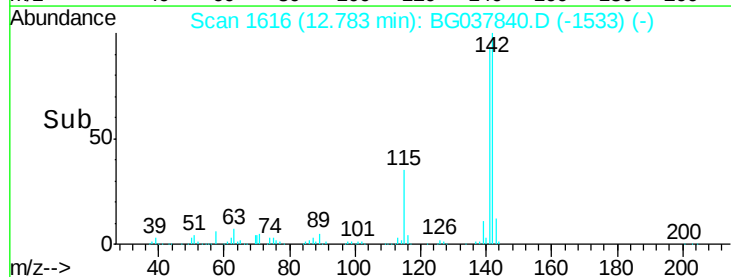
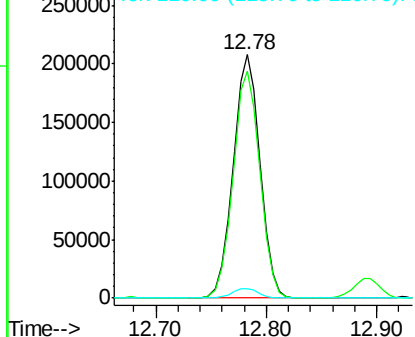


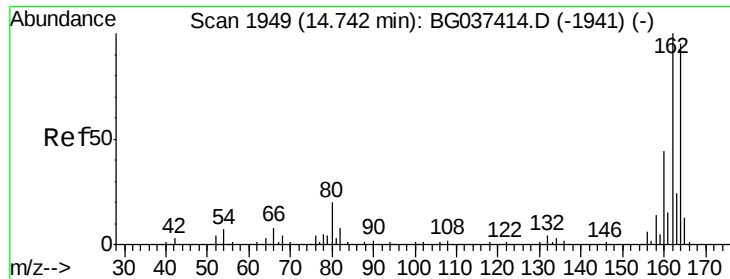
#38
 1-Methylnaphthalene
 Concen: 45.661 ng
 RT: 12.78 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Tgt Ion:142 Resp: 353069
 Ion Ratio Lower Upper
 142 100
 141 93.4 75.2 112.8
 116 3.7 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

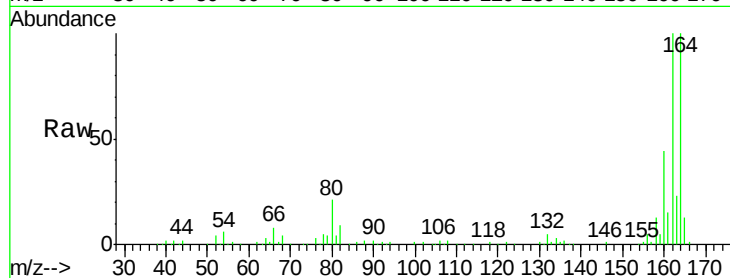
Tgt Ion:164 Resp: 149925

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

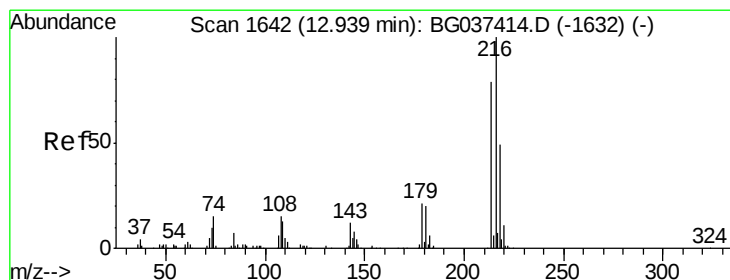
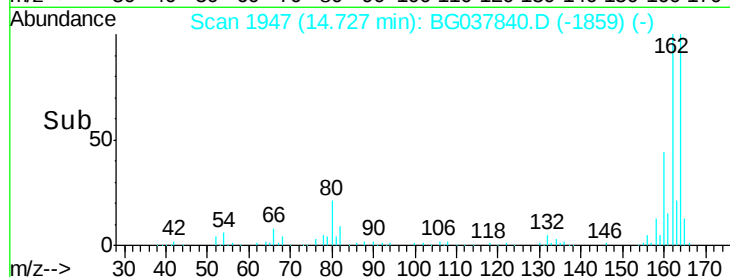
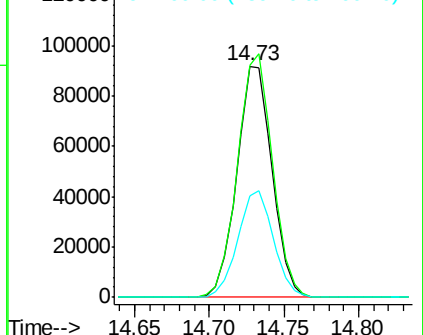
160 44.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.610 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Tgt Ion:216 Resp: 196388

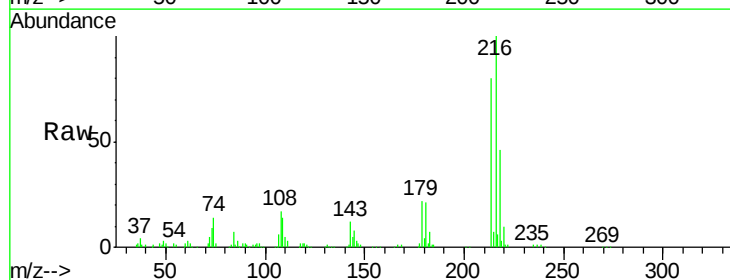
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 21.5 17.4 26.0

108 19.8 13.9 20.9

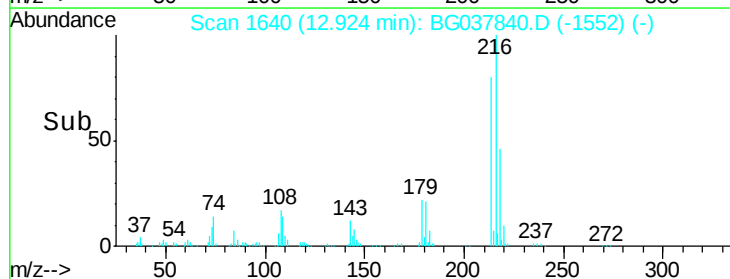
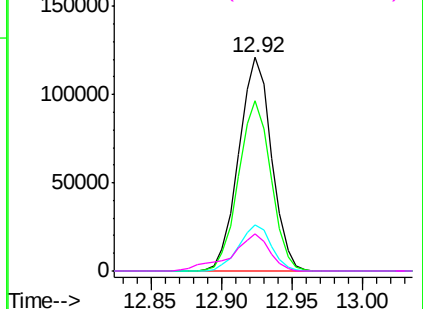


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 106.004 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

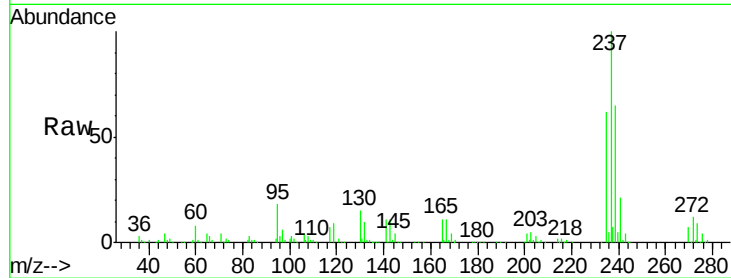
Tgt Ion:237 Resp: 244868

Ion Ratio Lower Upper

237 100

235 62.2 42.5 82.5

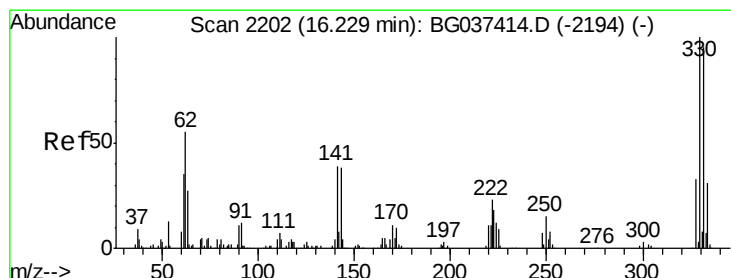
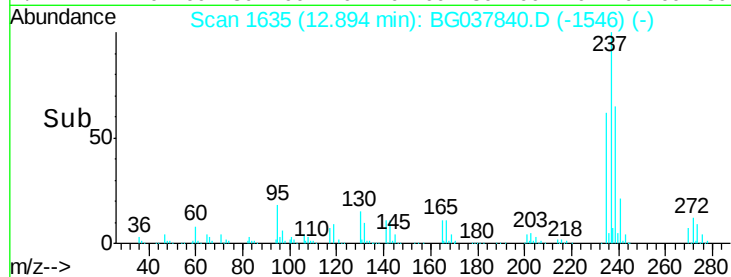
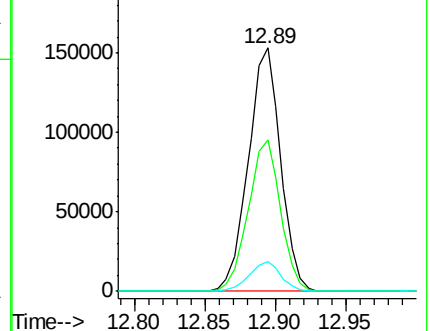
272 12.2 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 158.938 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

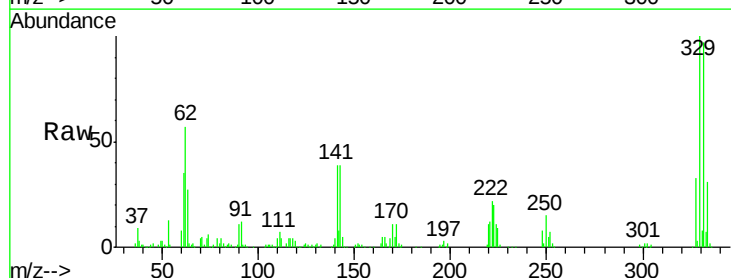
Tgt Ion:330 Resp: 259898

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

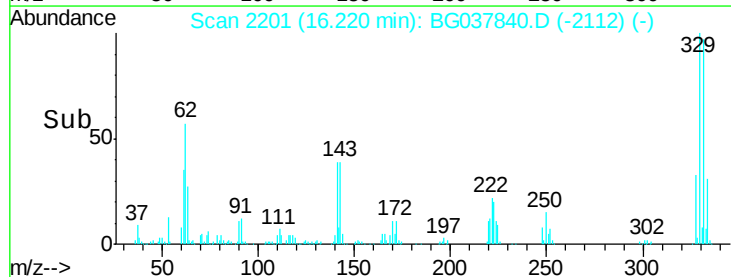
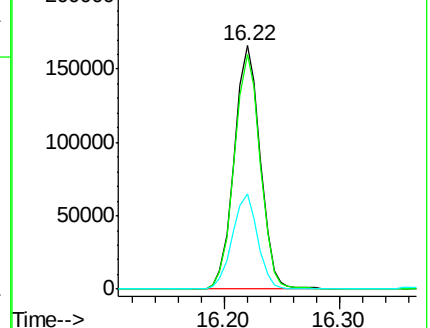
141 38.1 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

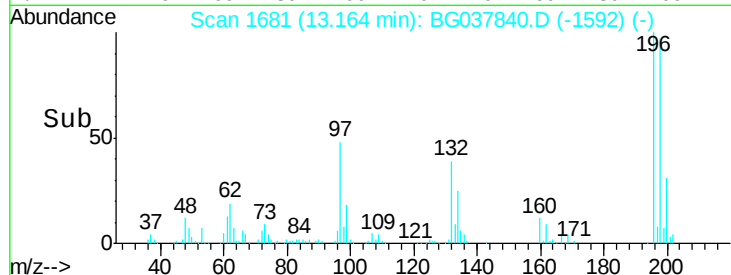
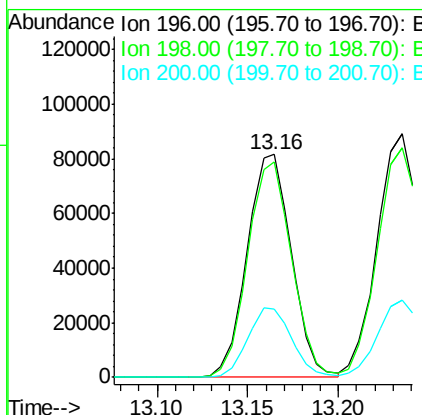
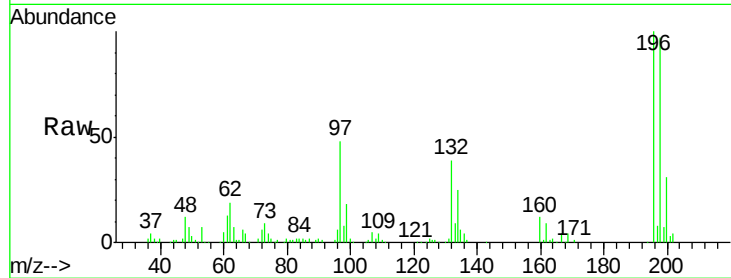




#43
 2,4,6-Trichlorophenol
 Concen: 42.955 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

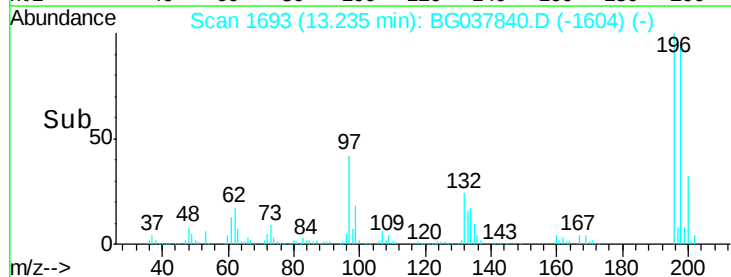
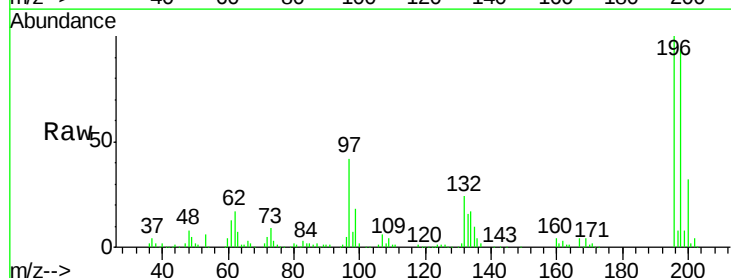
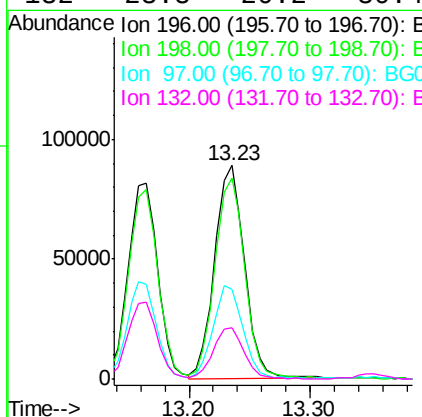
Instrument :
 BNA_G
 ClientSampleId :
 PB114487BS

Tgt Ion:196 Resp: 138777
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.4 114.6
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.094 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Tgt Ion:196 Resp: 151588
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.2 111.2
 97 42.1 34.1 51.1
 132 23.8 20.2 30.4

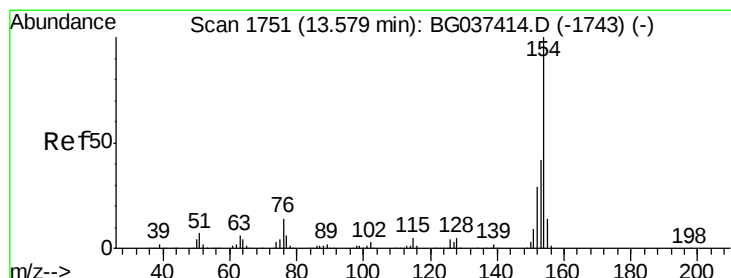
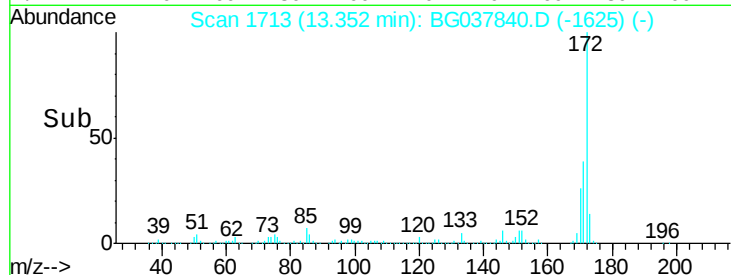
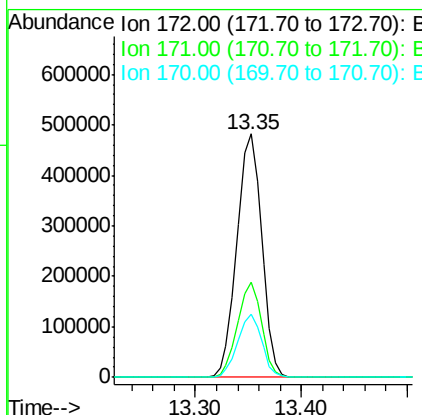
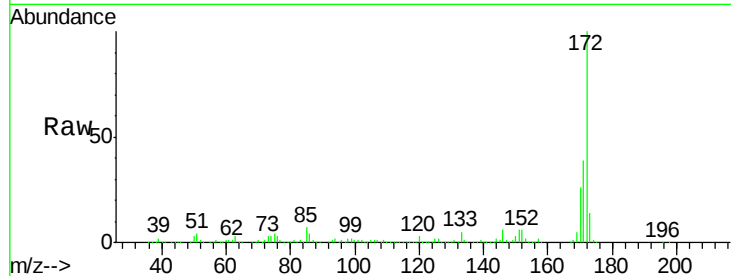




#45
 2-Fluorobiphenyl
 Concen: 78.893 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

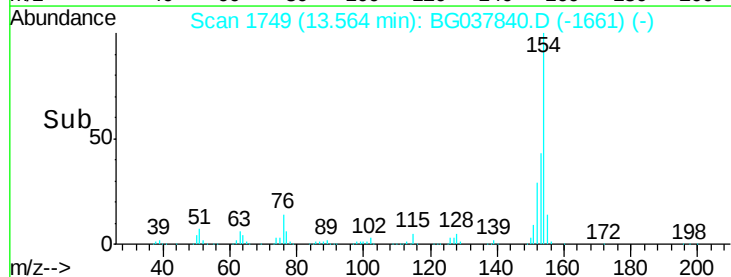
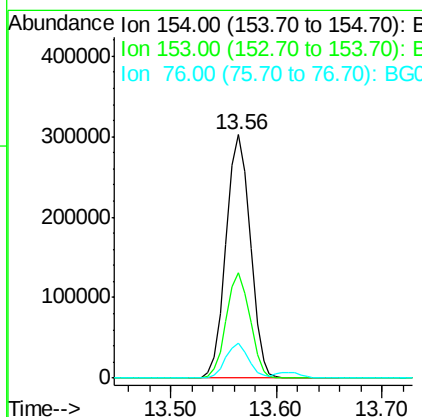
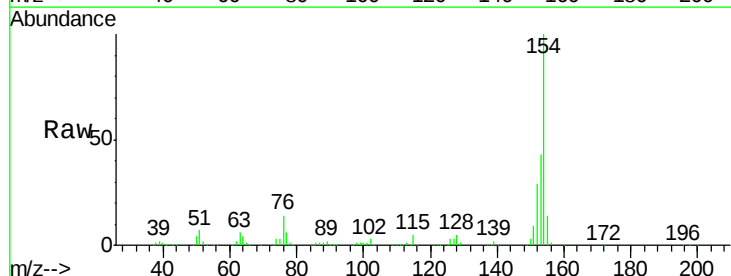
Instrument :
 BNA_G
 ClientSampleId :
 PB114487BS

Tgt Ion:172 Resp: 784380
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.0 46.4
 170 26.0 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 38.633 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Tgt Ion:154 Resp: 479684
 Ion Ratio Lower Upper
 154 100
 153 43.4 22.1 62.1
 76 14.3 0.0 33.2

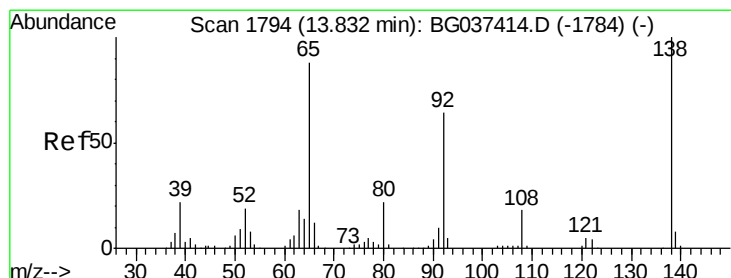
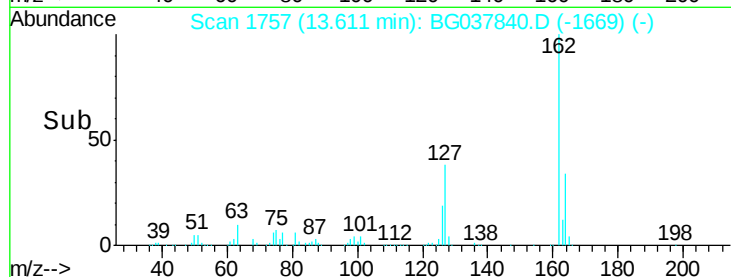
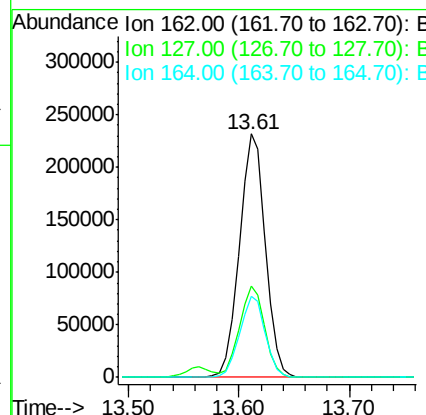
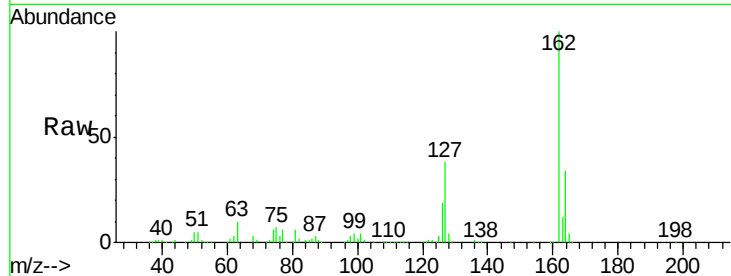




#47
 2-Chloronaphthalene
 Concen: 40.482 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

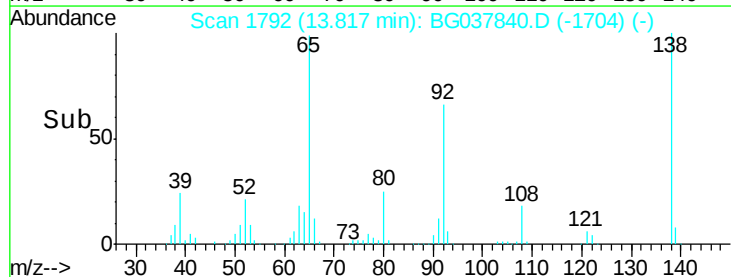
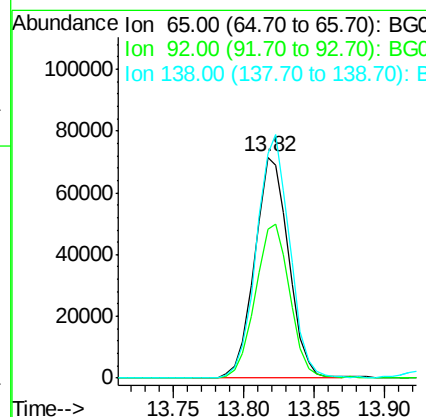
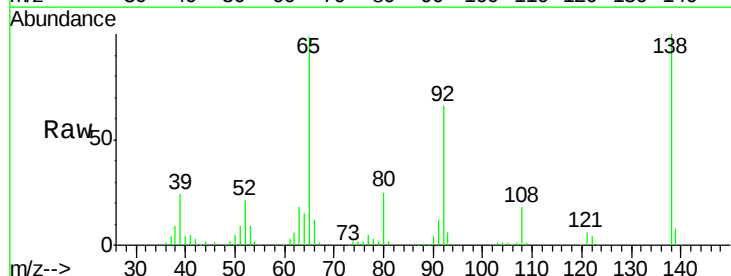
Instrument :
 BNA_G
 ClientSampleId :
 PB114487BS

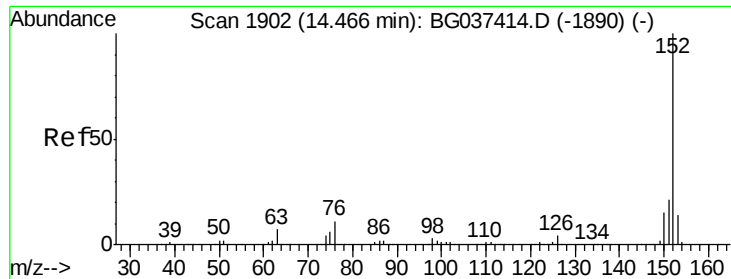
Tgt Ion: 162 Resp: 380268
 Ion Ratio Lower Upper
 162 100
 127 37.6 30.5 45.7
 164 33.5 26.4 39.6



#48
 2-Nitroaniline
 Concen: 42.488 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Tgt Ion: 65 Resp: 121032
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.2 79.8
 138 101.3 79.3 118.9





#49

Acenaphthylene

Concen: 44.542 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

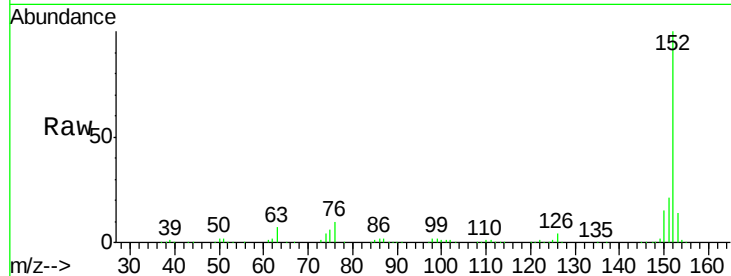
Tgt Ion:152 Resp: 629400

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

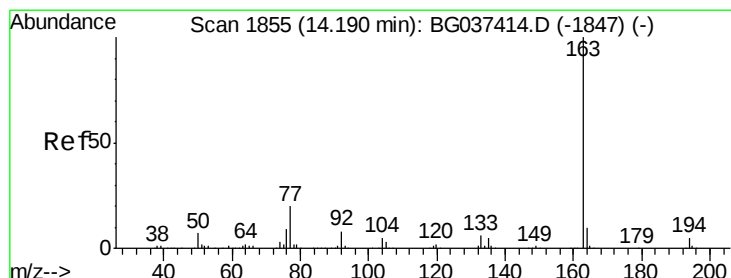
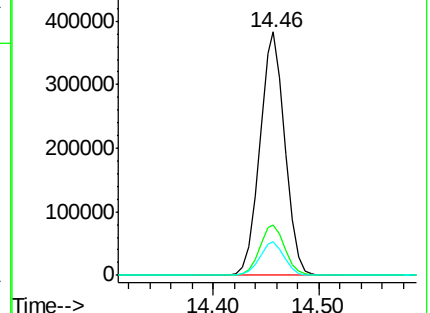
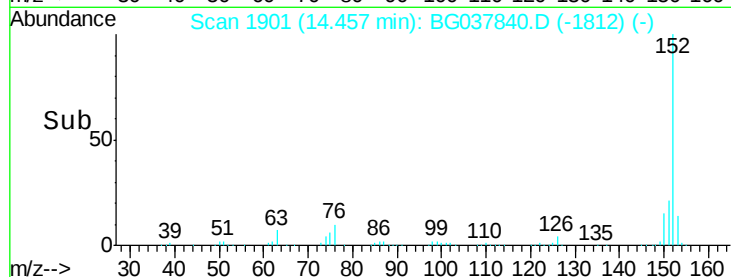
153 14.1 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.243 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

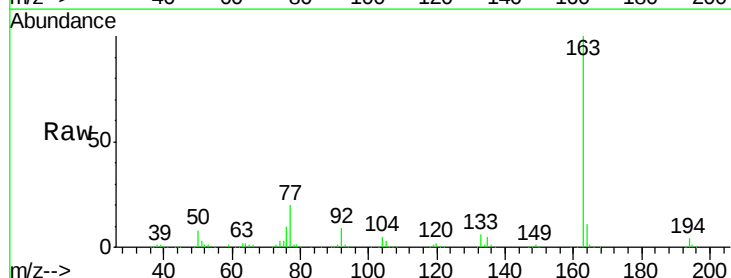
Tgt Ion:163 Resp: 478357

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

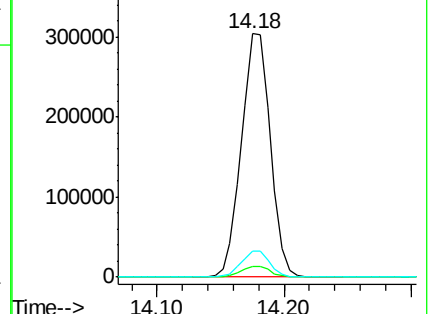
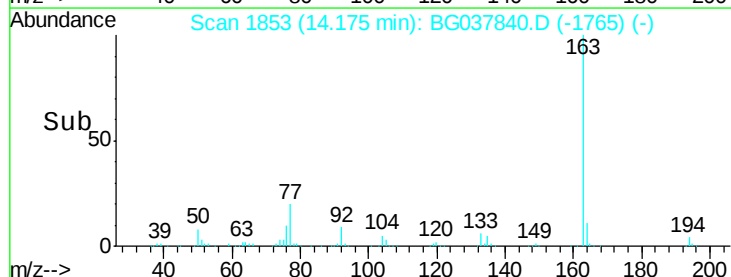
164 10.5 8.5 12.7

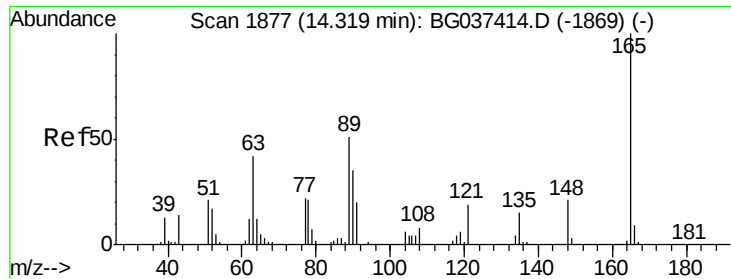


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.122 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

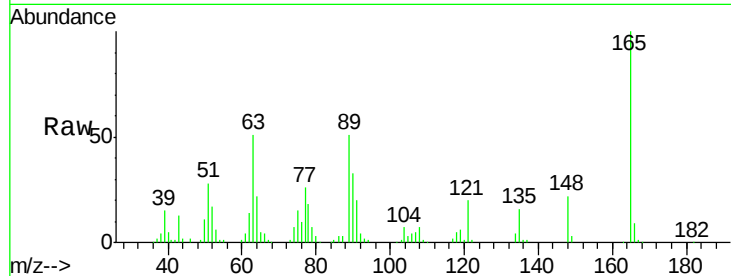
Tgt Ion:165 Resp: 110643

Ion Ratio Lower Upper

165 100

63 50.7 43.4 65.2

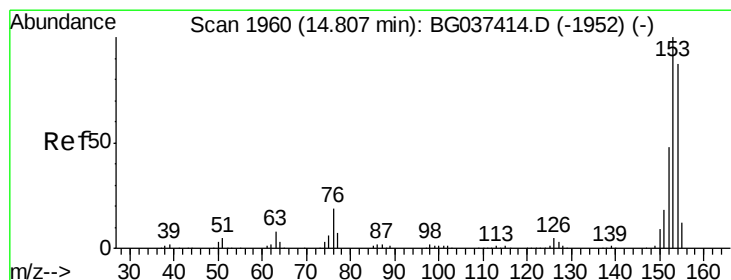
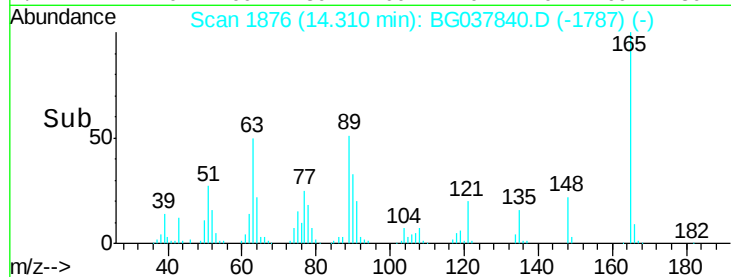
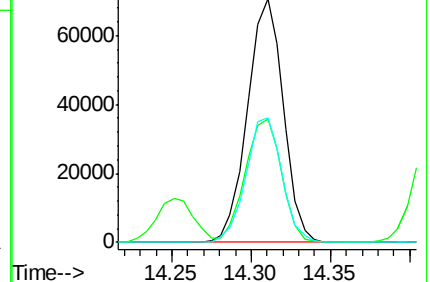
89 51.2 45.8 68.6



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



#52

Acenaphthene

Concen: 42.023 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

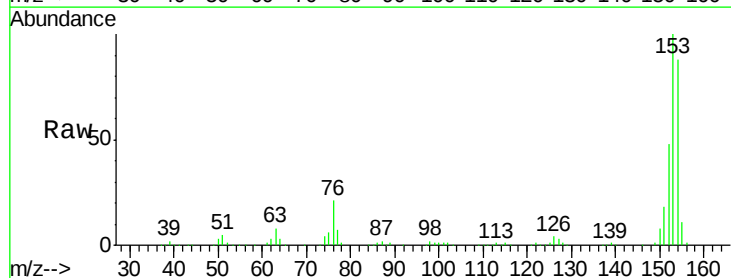
Tgt Ion:154 Resp: 365700

Ion Ratio Lower Upper

154 100

153 114.1 93.4 140.0

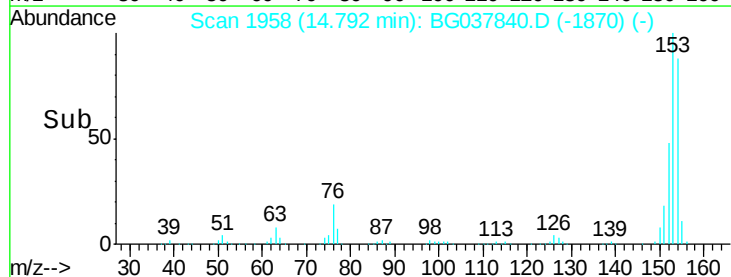
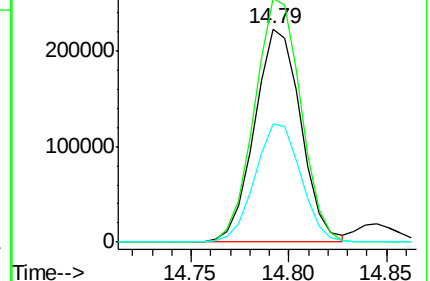
152 55.2 44.7 67.1

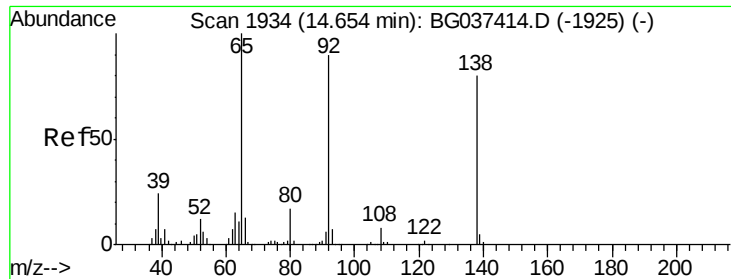


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.543 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

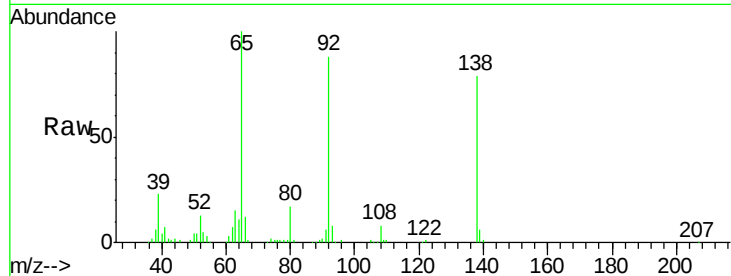
Tgt Ion:138 Resp: 95545

Ion Ratio Lower Upper

138 100

108 10.2 11.0 16.6#

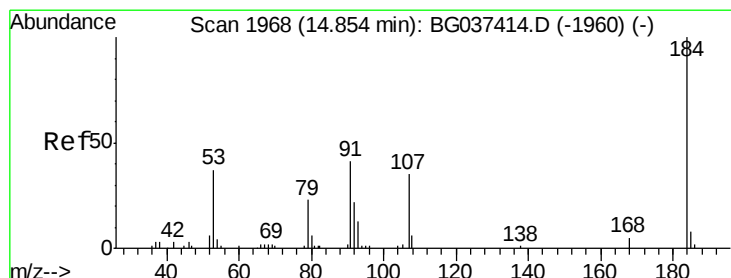
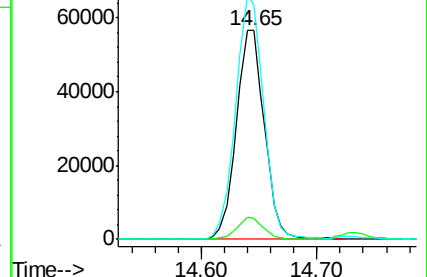
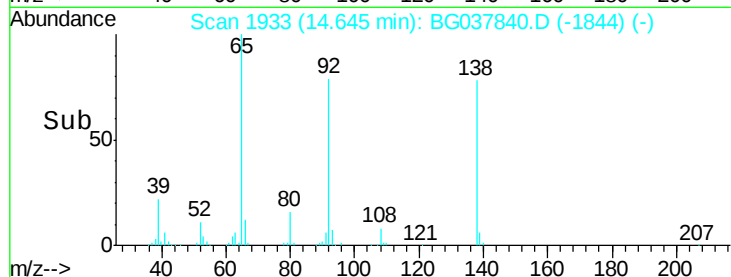
92 112.1 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 61.220 ng

RT: 14.84 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

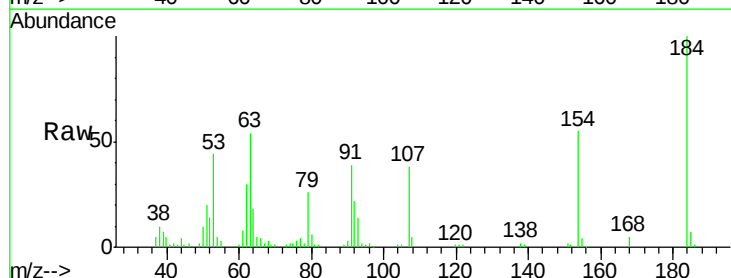
Tgt Ion:184 Resp: 58736

Ion Ratio Lower Upper

184 100

63 54.0 42.6 63.8

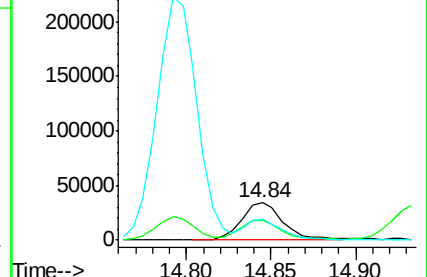
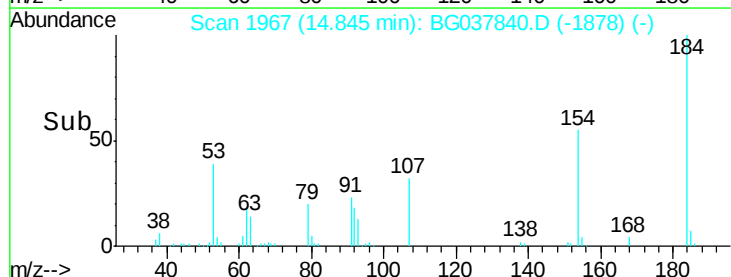
154 54.7 41.8 62.6

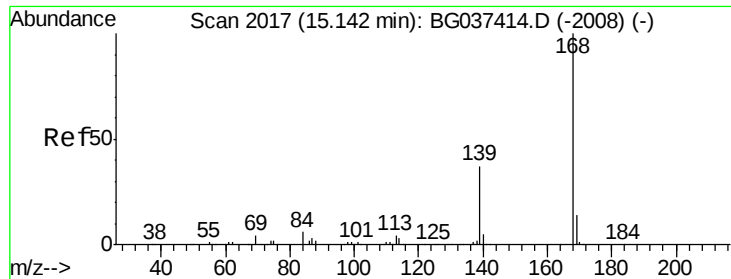


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.233 ng

RT: 15.13 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

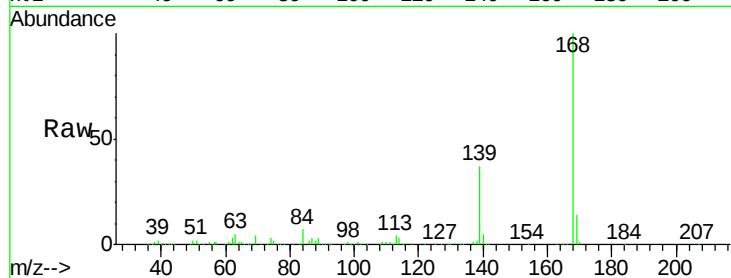
Tgt Ion:168 Resp: 594521

Ion Ratio Lower Upper

168 100

139 37.4 29.4 44.0

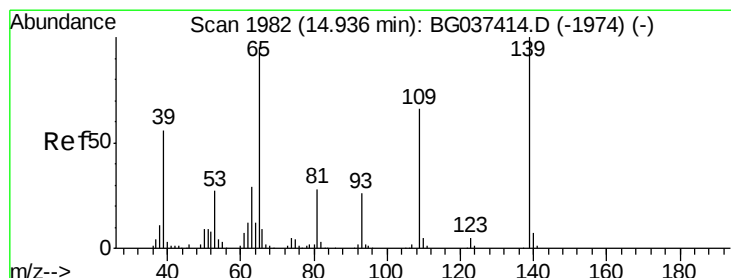
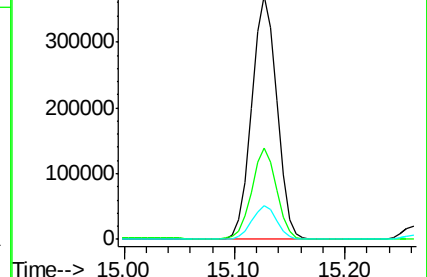
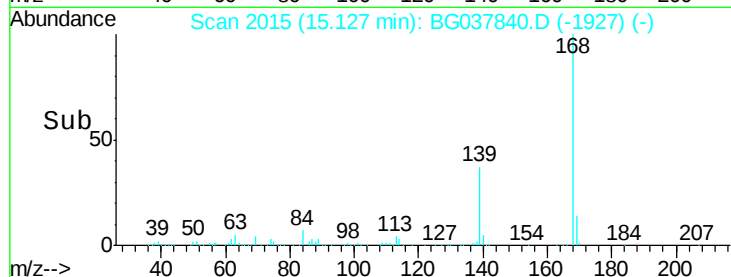
169 13.9 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 104.316 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

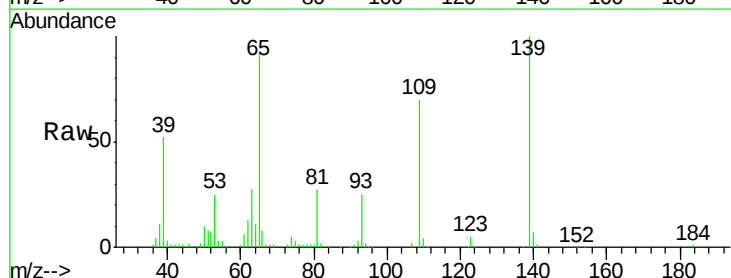
Tgt Ion:139 Resp: 219938

Ion Ratio Lower Upper

139 100

109 70.0 49.5 89.5

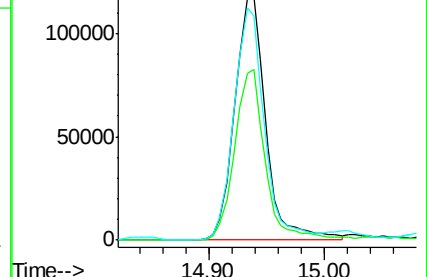
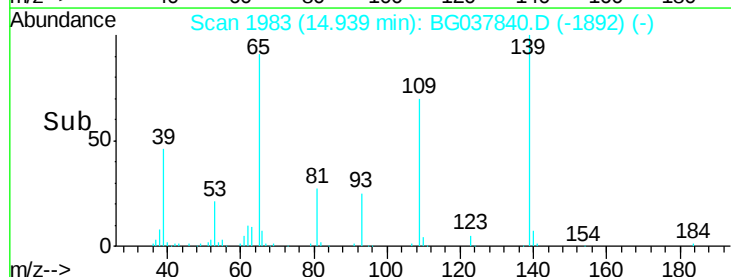
65 92.3 76.8 116.8

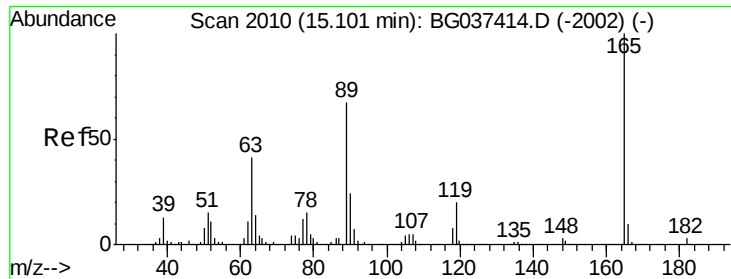


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

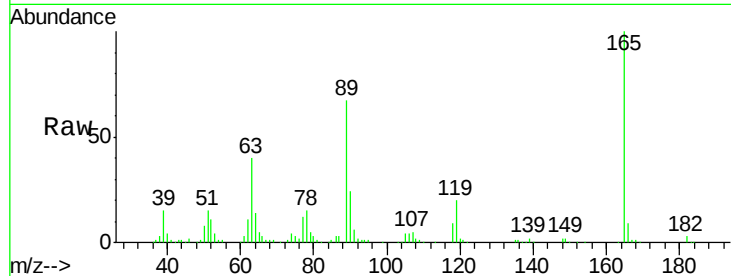




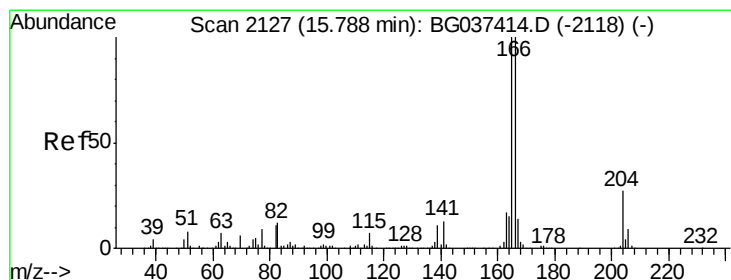
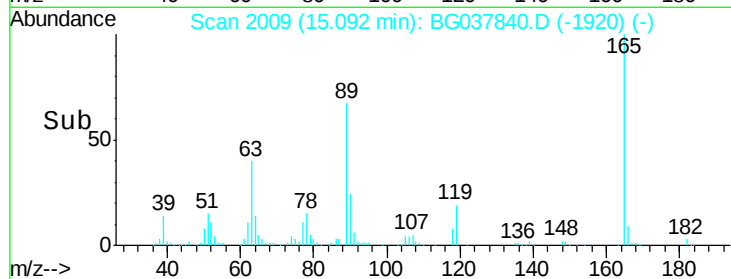
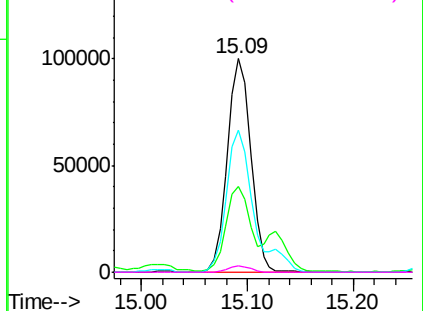
#57
2,4-Dinitrotoluene
Concen: 45.553 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion:165 Resp: 153424
Ion Ratio Lower Upper
165 100
63 40.1 33.4 50.0
89 66.6 57.2 85.8
182 2.9 2.6 4.0

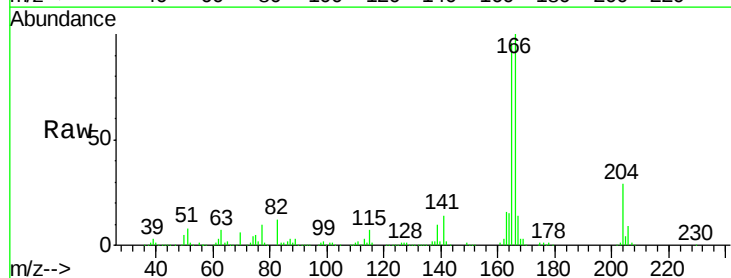


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

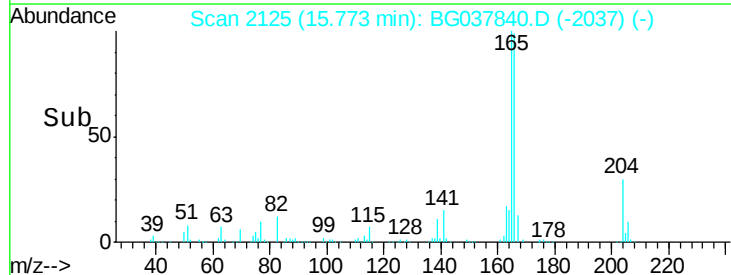
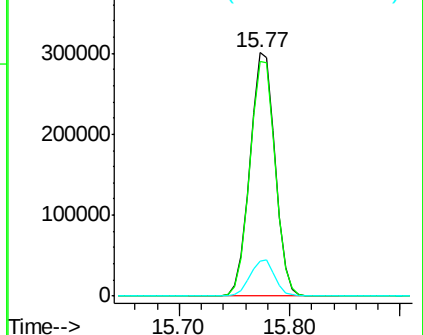


#58
Fluorene
Concen: 44.435 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion:166 Resp: 479779
Ion Ratio Lower Upper
166 100
165 96.1 79.0 118.6
167 14.1 11.3 16.9



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

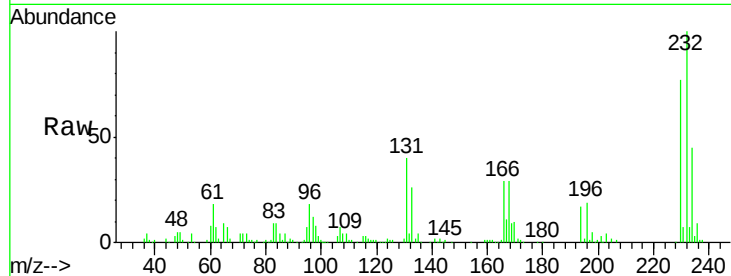




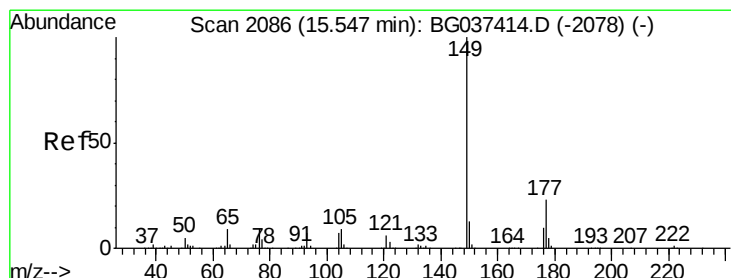
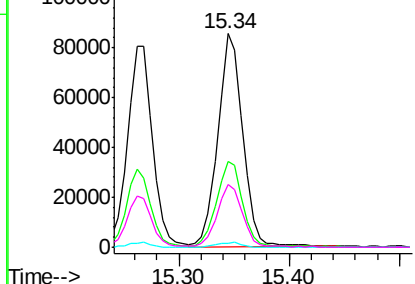
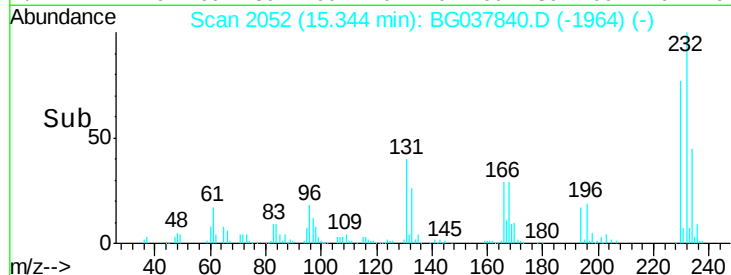
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.393 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion:232 Resp: 133701
Ion Ratio Lower Upper
232 100
131 41.4 33.7 50.5
130 2.2 2.1 3.1
166 30.5 24.6 36.8

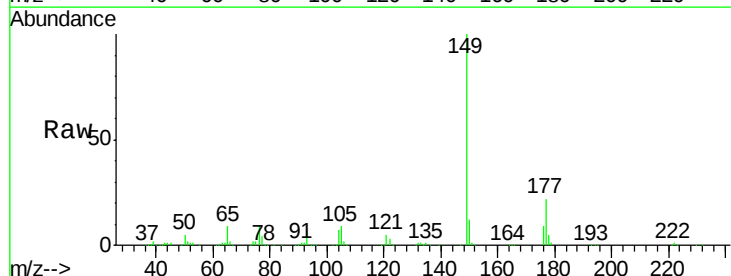


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

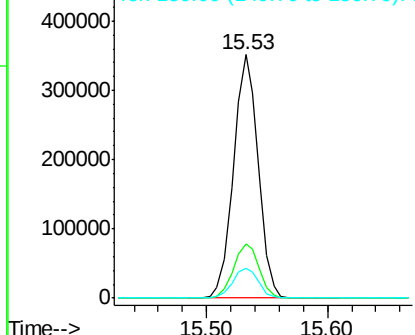
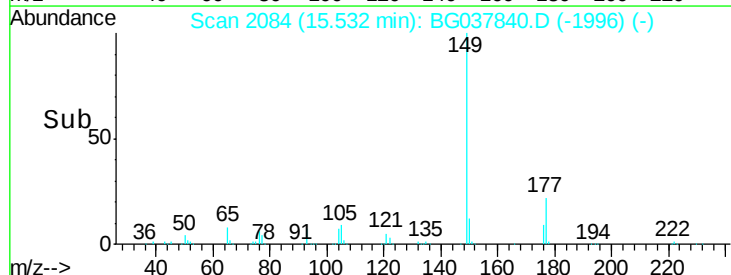


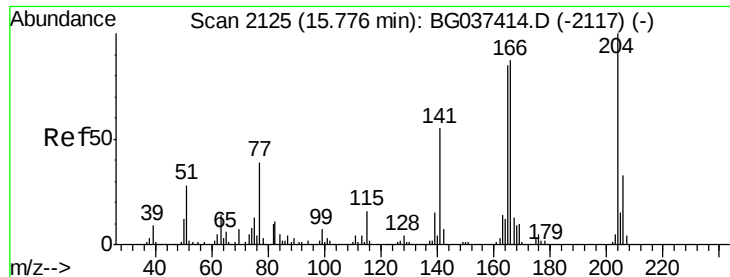
#60
Diethylphthalate
Concen: 41.780 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion:149 Resp: 497496
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 12.4 10.0 15.0



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

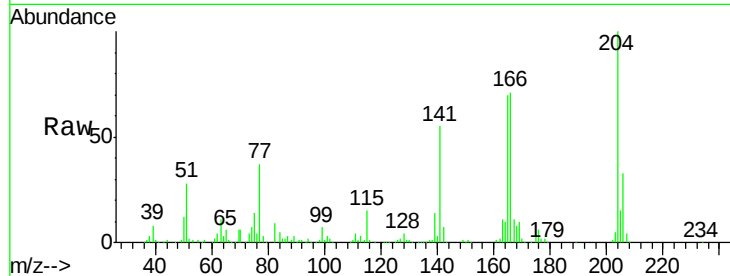




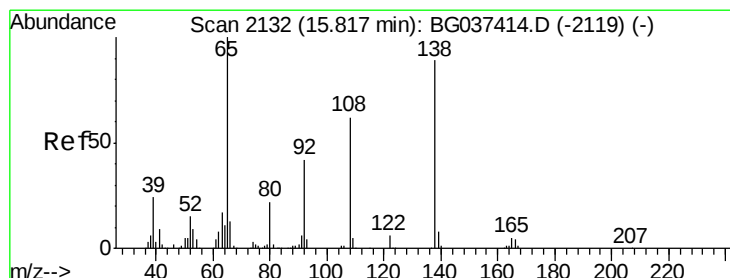
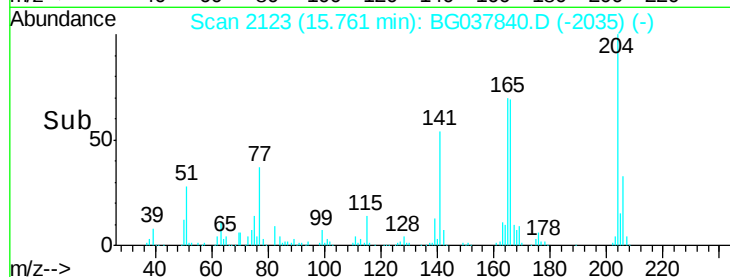
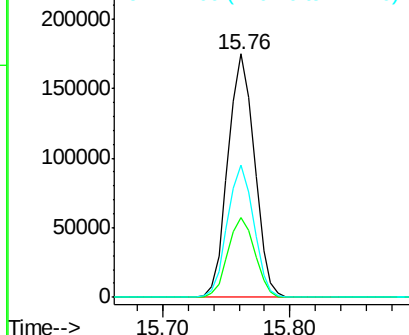
#61
4-Chlorophenyl-phenylether
Concen: 40.143 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion: 204 Resp: 252635
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 54.5 45.4 68.2

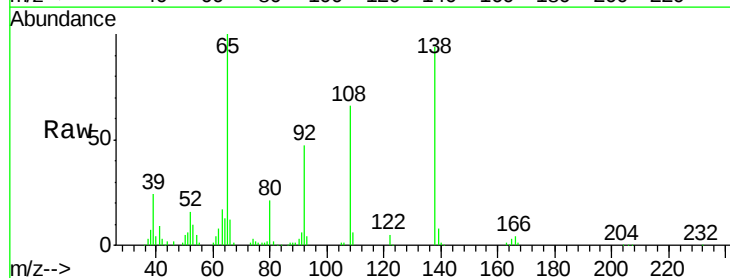


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

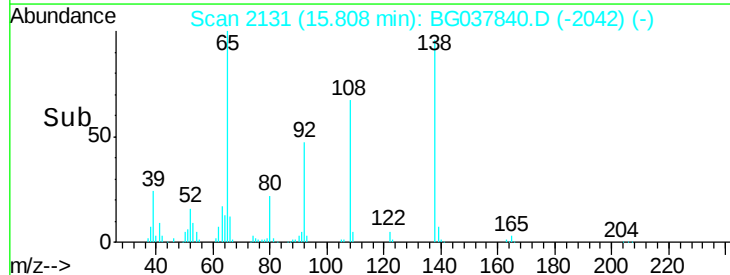
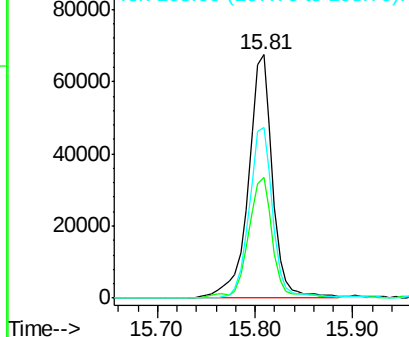


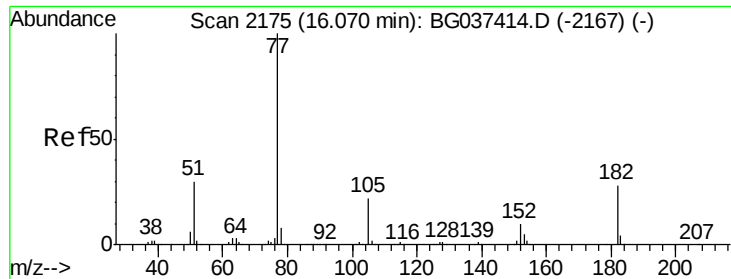
#62
4-Nitroaniline
Concen: 41.520 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion: 138 Resp: 117518
Ion Ratio Lower Upper
138 100
92 49.4 36.4 76.4
108 70.1 60.1 100.1



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

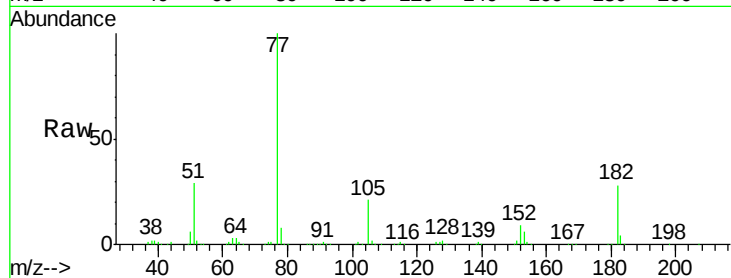




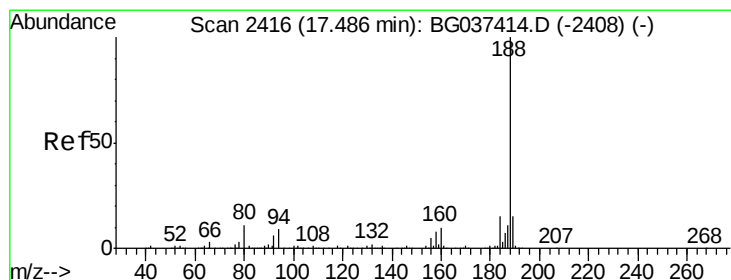
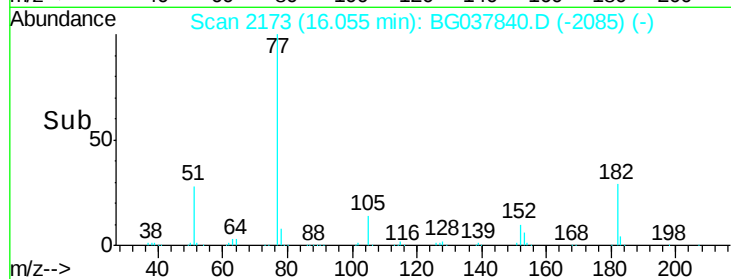
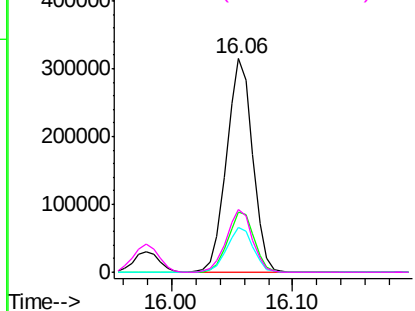
#63
Azobenzene
Concen: 41.377 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion: 77 Resp: 470091
Ion Ratio Lower Upper
77 100
182 28.0 8.0 48.0
105 21.0 1.3 41.3
51 29.2 10.7 50.7

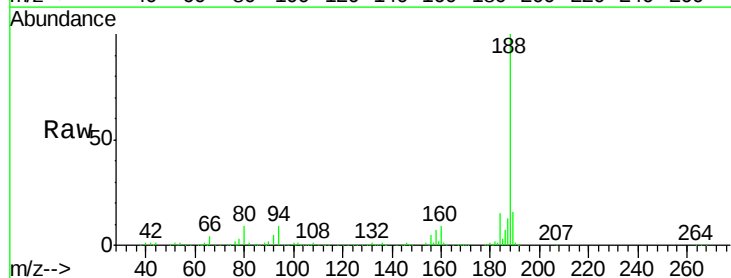


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

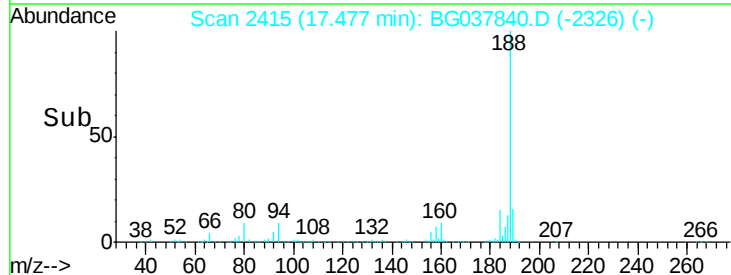
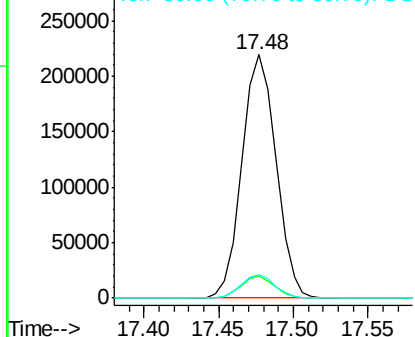


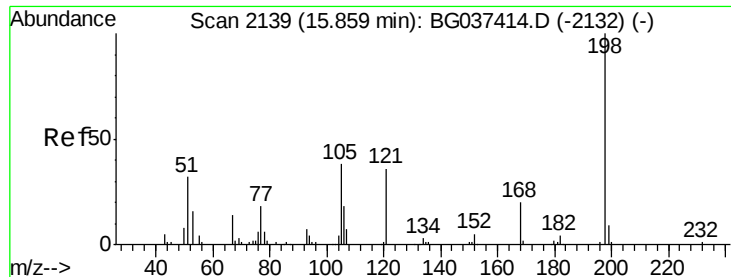
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion: 188 Resp: 347463
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.765 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

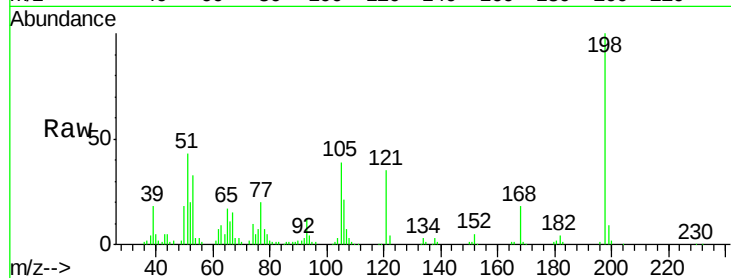
Tgt Ion:198 Resp: 64839

Ion	Ratio	Lower	Upper
198	100		
51	42.8	22.7	62.7
105	38.8	19.7	59.7

198 100

51 42.8 22.7 62.7

105 38.8 19.7 59.7

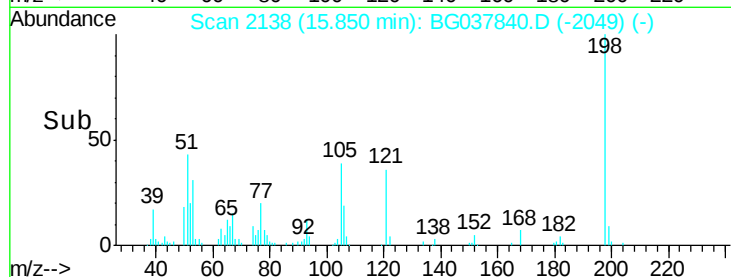


Abundance Ion 198.00 (197.70 to 198.70): E

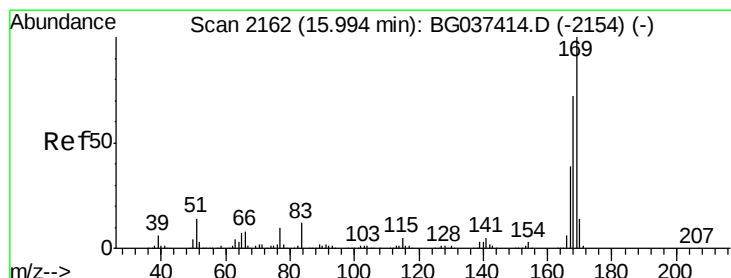
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

15.85



Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.317 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

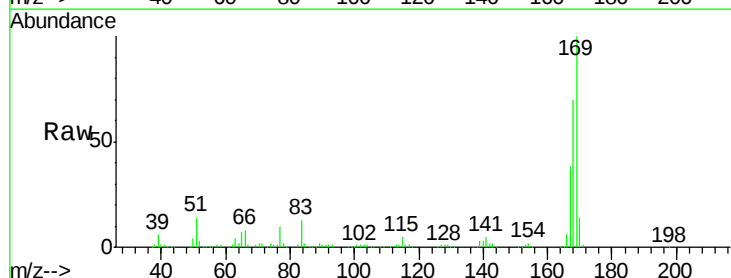
Tgt Ion:169 Resp: 431839

Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.7	83.5
167	37.8	31.3	46.9

169 100

168 70.3 55.7 83.5

167 37.8 31.3 46.9

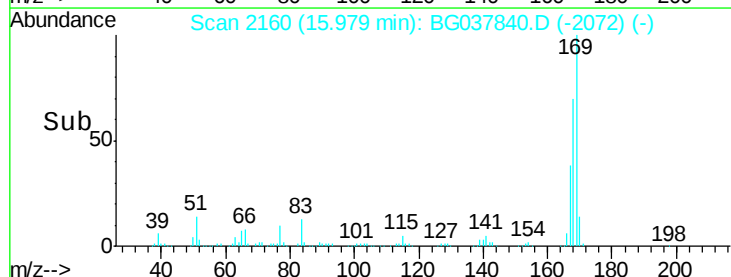


Abundance Ion 169.00 (168.70 to 169.70): E

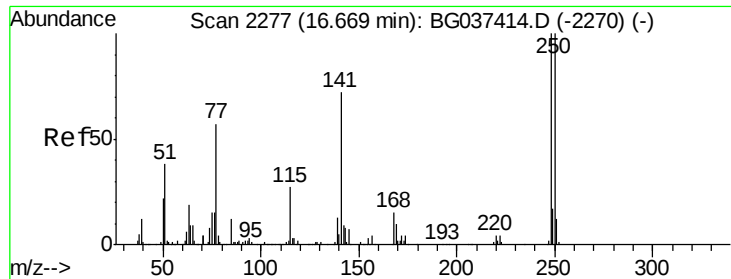
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.98



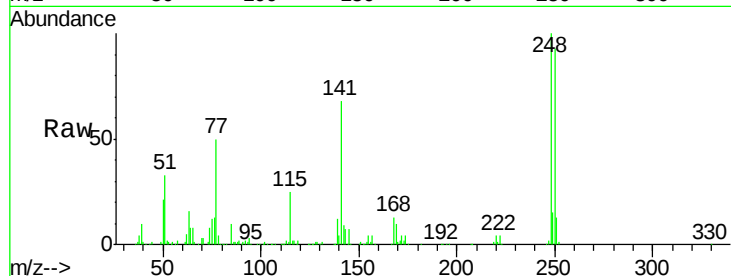
Time-->



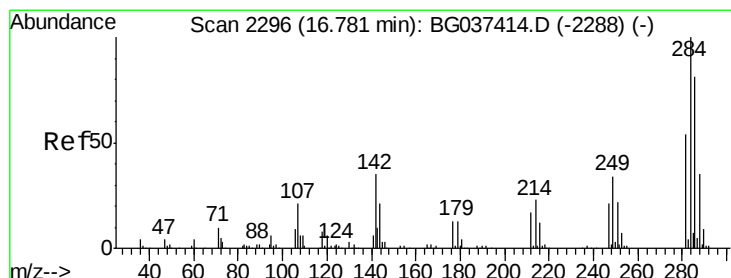
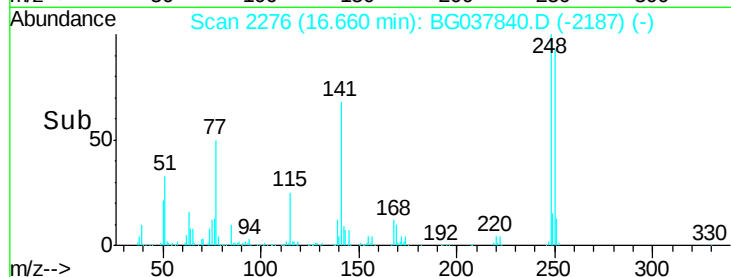
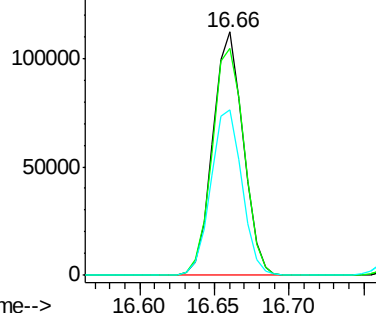
#67
4-Bromophenyl-phenylether
Concen: 41.464 ng
RT: 16.66 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion:248 Resp: 158213
Ion Ratio Lower Upper
248 100
250 93.4 77.0 115.6
141 68.2 55.5 83.3

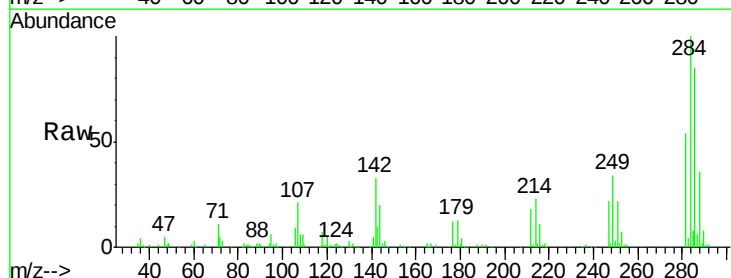


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

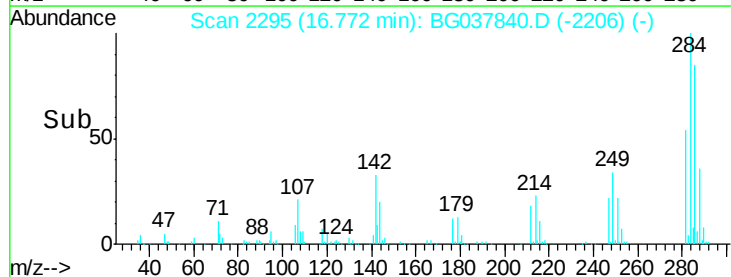
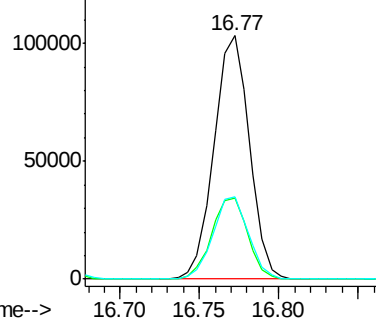


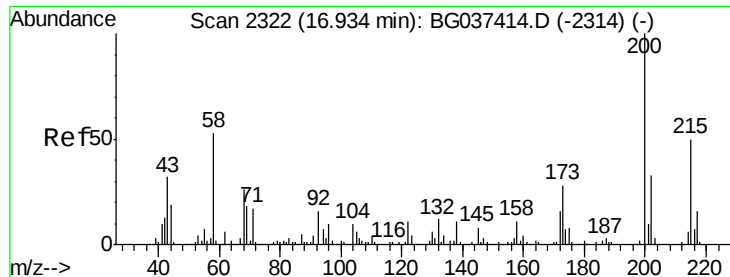
#68
Hexachlorobenzene
Concen: 40.473 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion:284 Resp: 160055
Ion Ratio Lower Upper
284 100
142 33.1 28.1 42.1
249 36.7 29.8 44.8



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





#69

Atrazine

Concen: 42.616 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

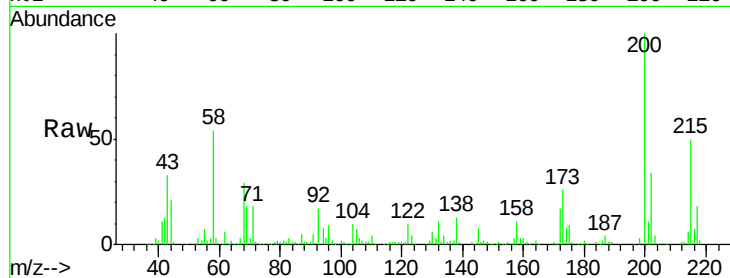
Tgt Ion:200 Resp: 161041

Ion Ratio Lower Upper

200 100

173 25.5 6.1 46.1

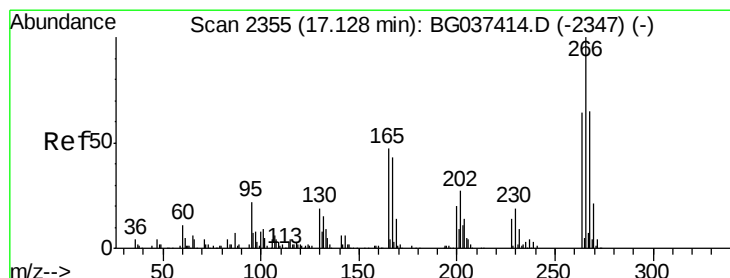
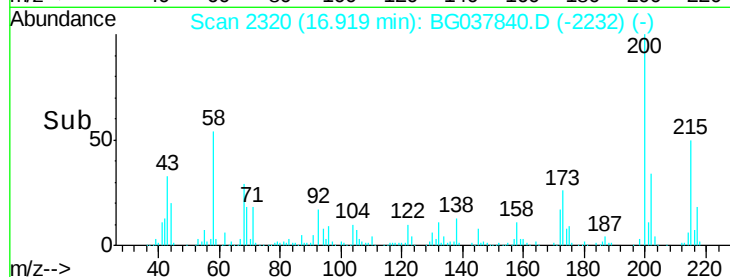
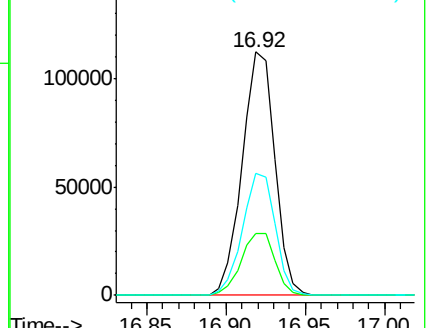
215 50.3 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 64.418 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

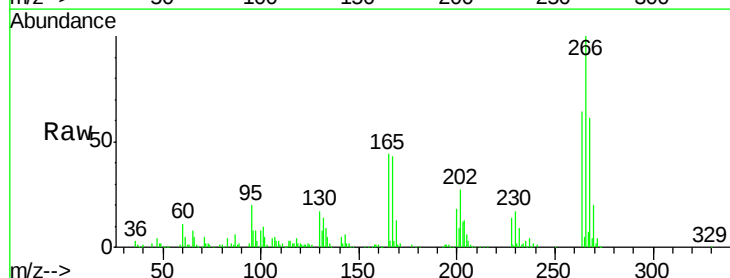
Tgt Ion:266 Resp: 170639

Ion Ratio Lower Upper

266 100

268 65.5 55.0 82.6

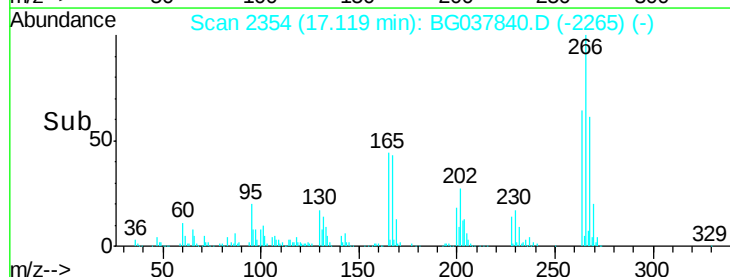
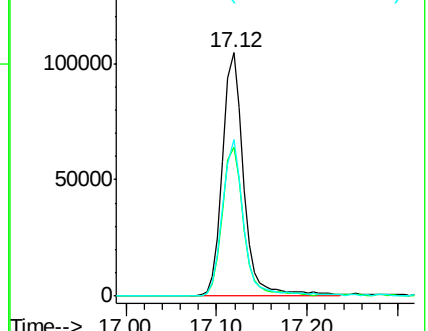
264 69.4 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

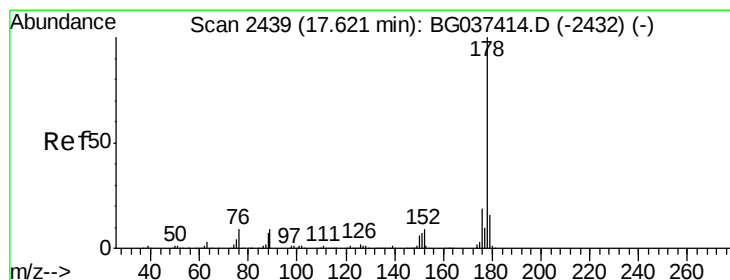
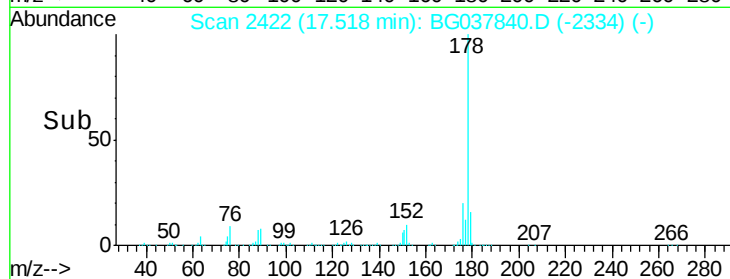
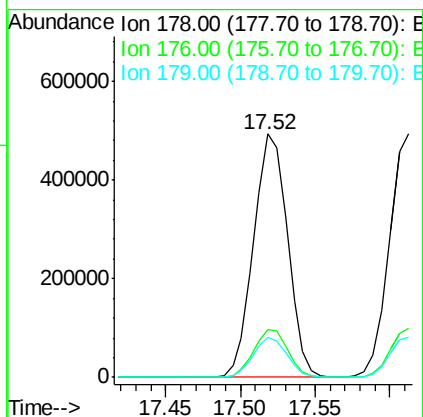
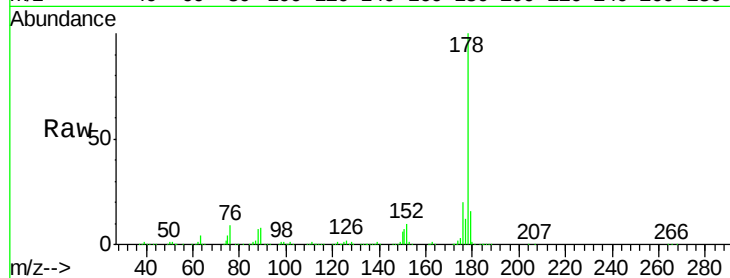




#71
Phenanthrene
Concen: 44.081 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

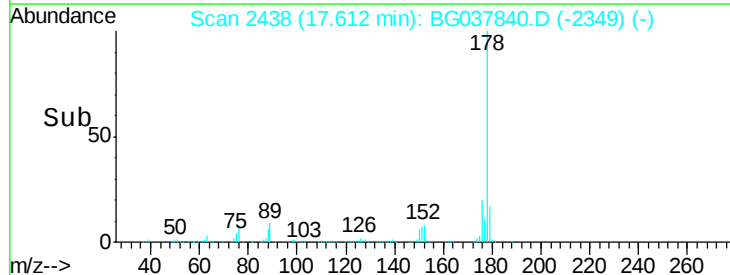
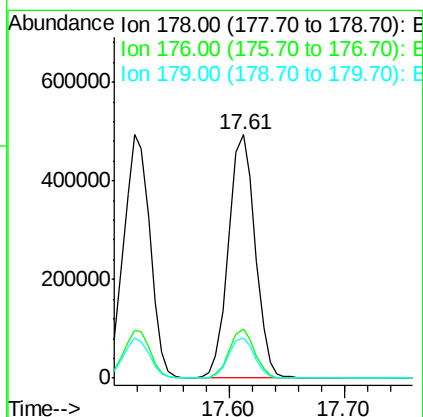
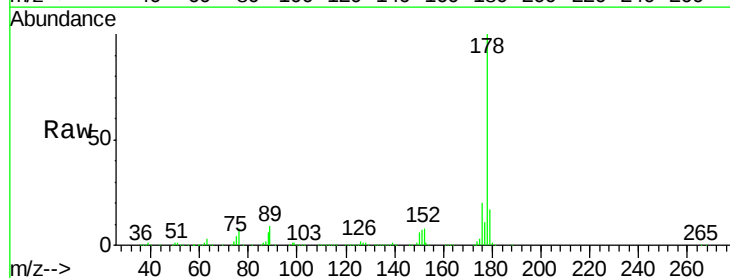
Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion:178 Resp: 778439
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.3 13.0 19.4



#72
Anthracene
Concen: 45.613 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion:178 Resp: 790479
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.4
179 16.7 12.8 19.2

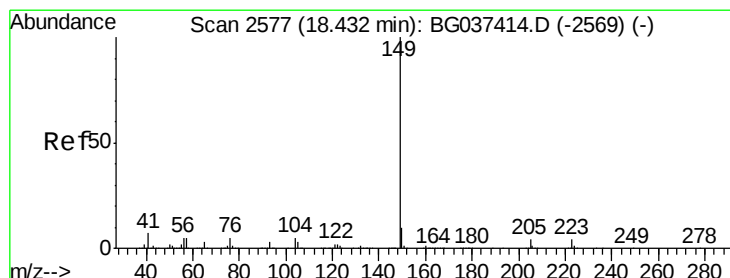
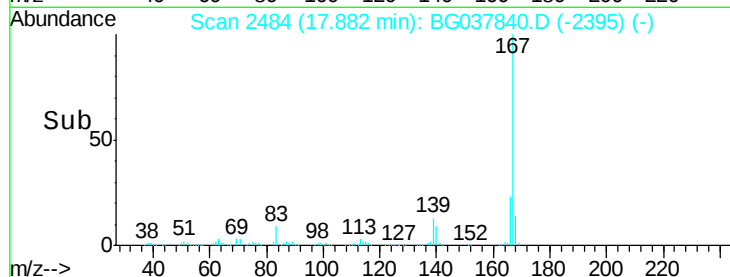
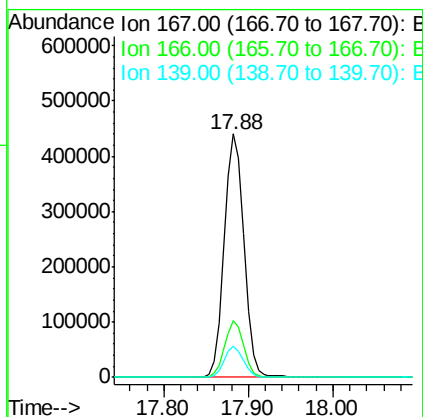
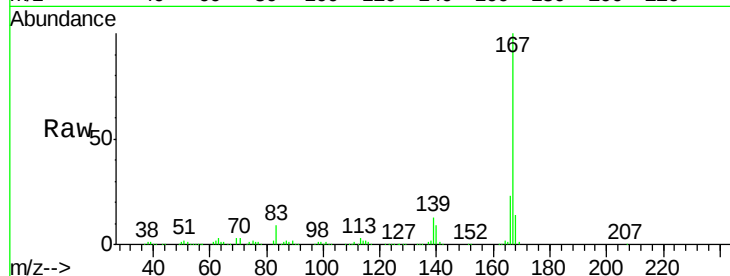




#73
 Carbazole
 Concen: 40.878 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

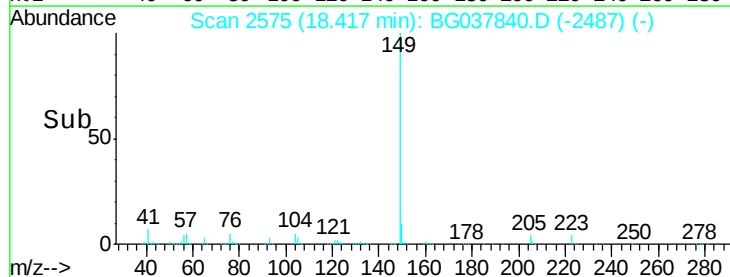
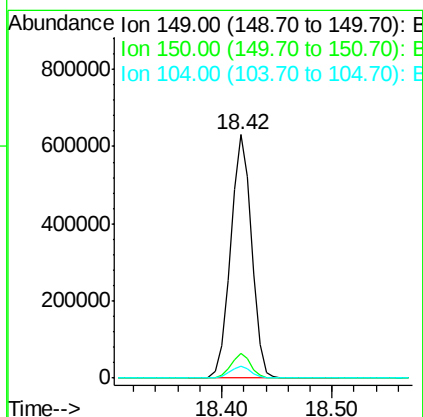
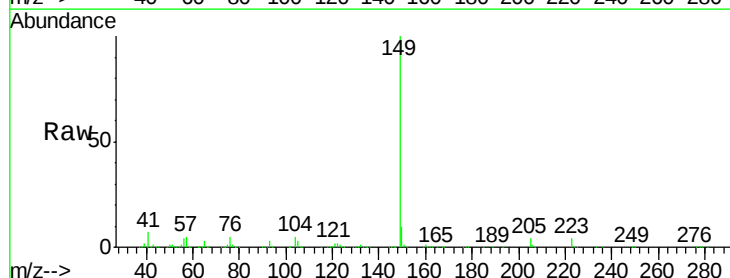
Instrument :
 BNA_G
 ClientSampleId :
 PB114487BS

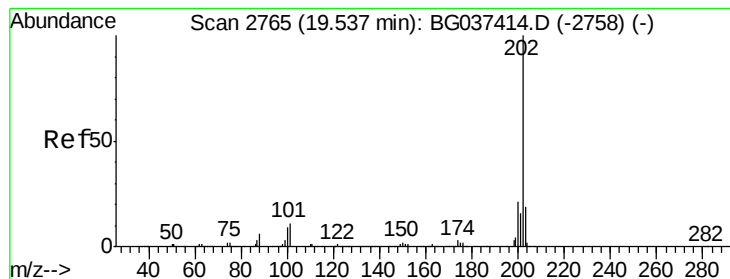
Tgt Ion:167 Resp: 708634
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.3 27.5
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.549 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037840.D
 Acq: 6 Nov 2018 16:08

Tgt Ion:149 Resp: 839797
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.2 12.2
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 44.534 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

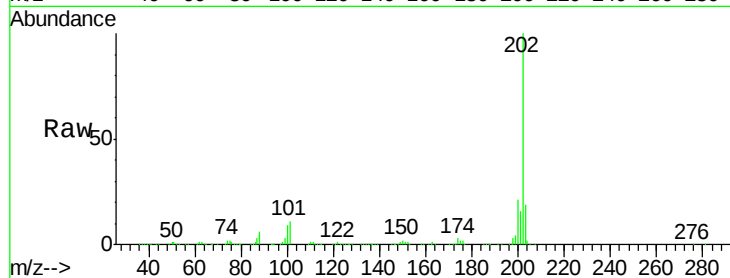
Tgt Ion:202 Resp: 891959

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

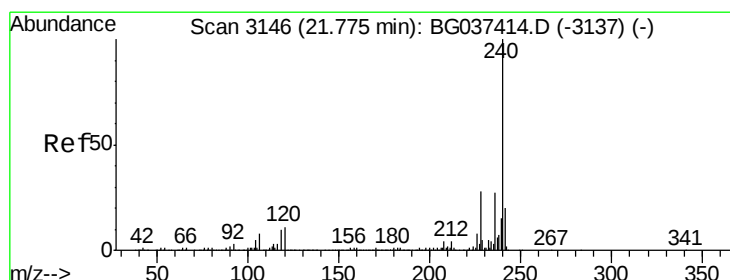
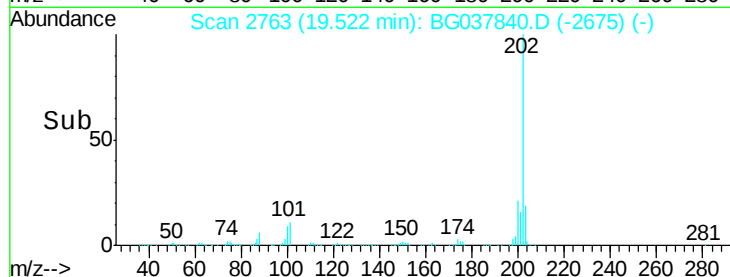
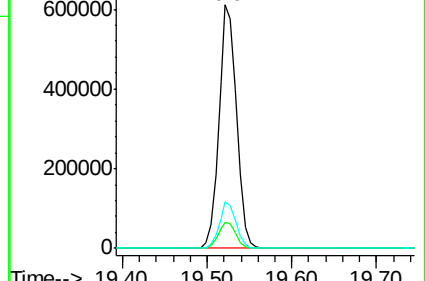
203 18.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

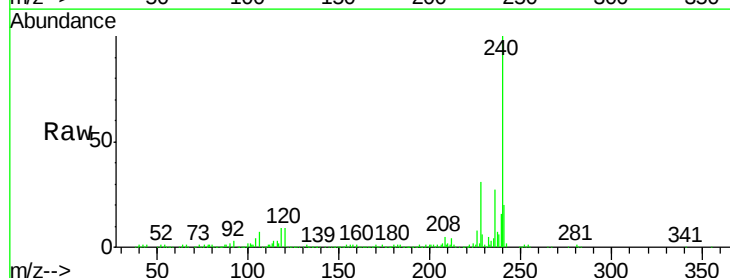
Tgt Ion:240 Resp: 315457

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

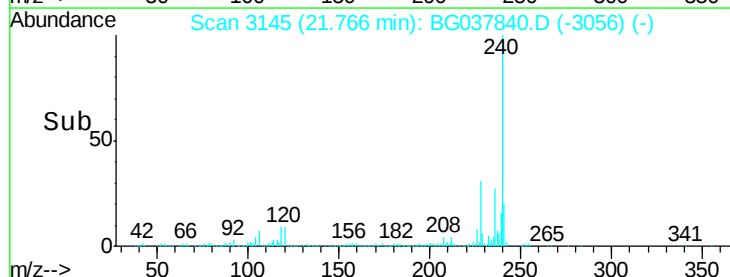
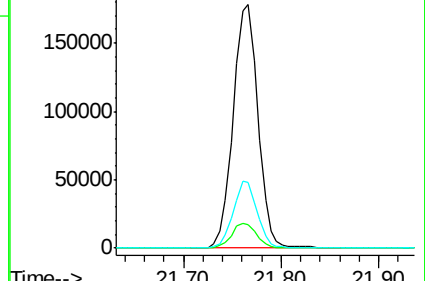
236 26.8 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.721 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

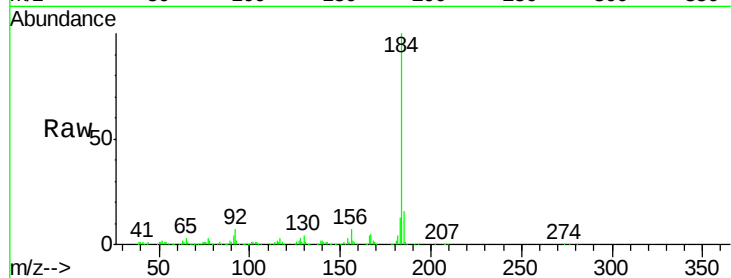
Tgt Ion:184 Resp: 383159

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

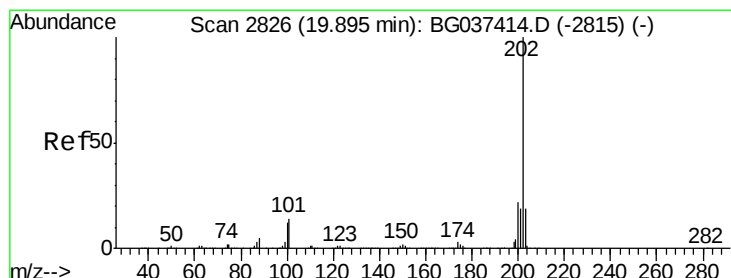
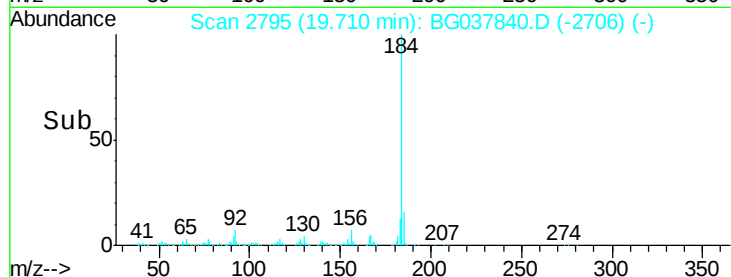
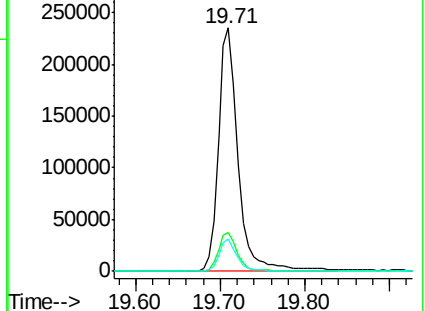
183 13.4 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.886 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

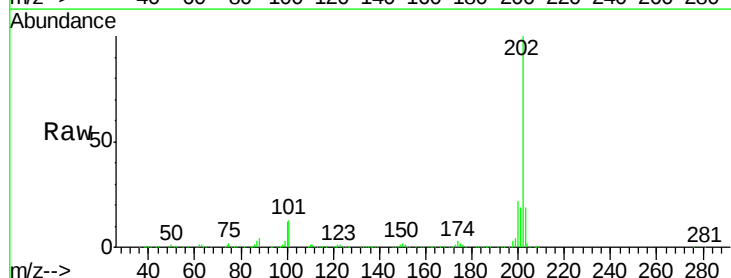
Tgt Ion:202 Resp: 884397

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

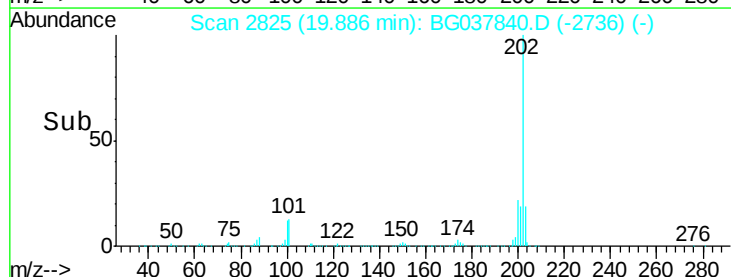
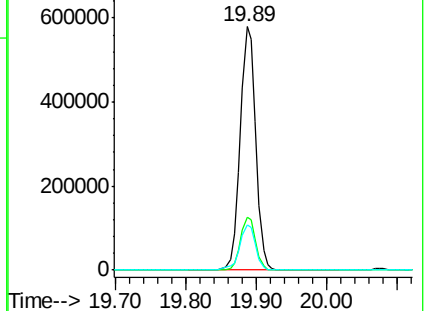
203 18.6 15.2 22.8

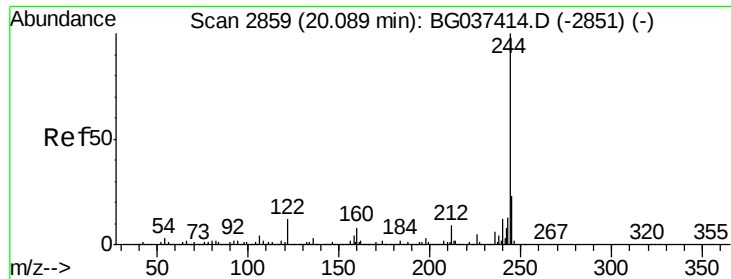


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.497 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

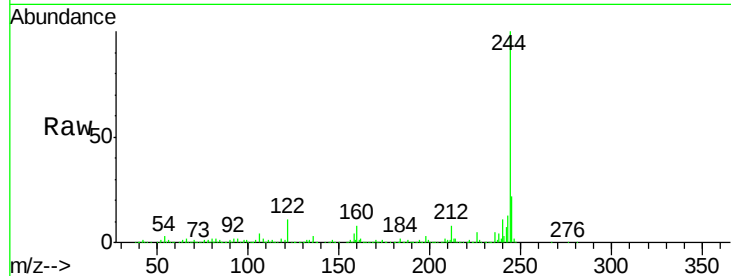
Tgt Ion:244 Resp: 1144106

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

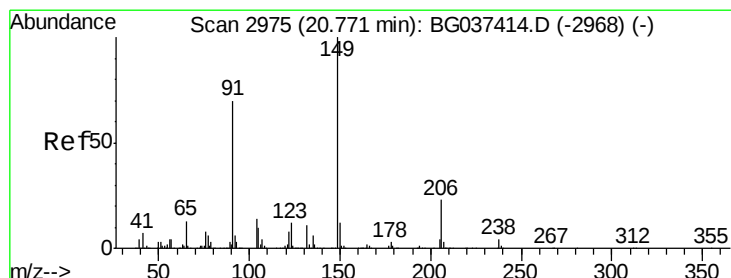
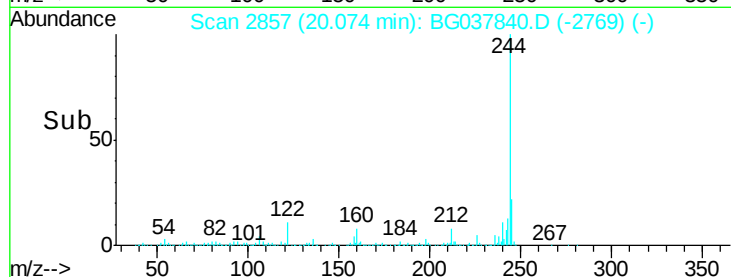
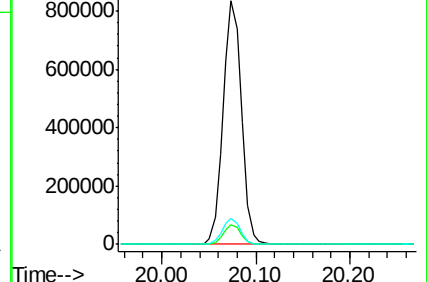
122 10.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.141 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

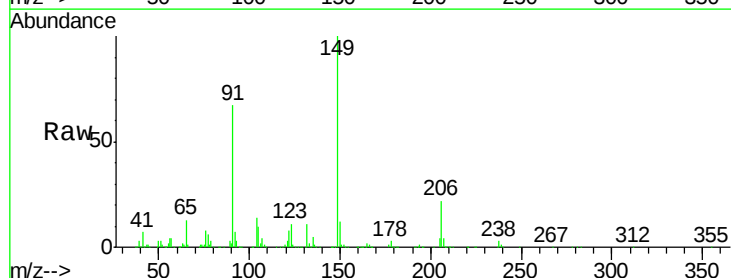
Tgt Ion:149 Resp: 380980

Ion Ratio Lower Upper

149 100

91 66.7 57.0 85.4

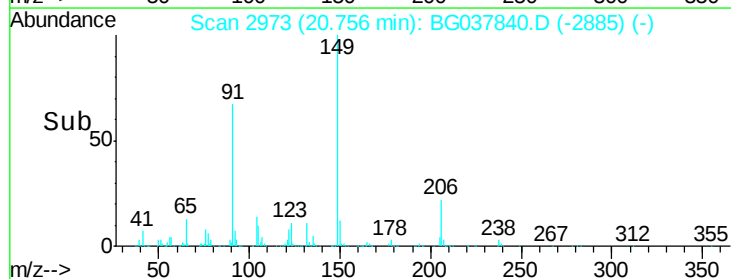
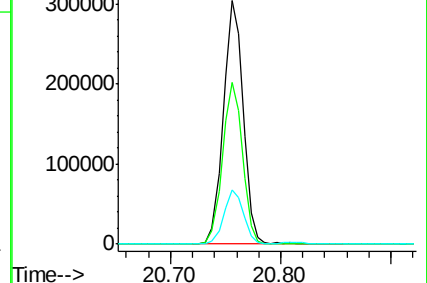
206 22.5 17.8 26.6

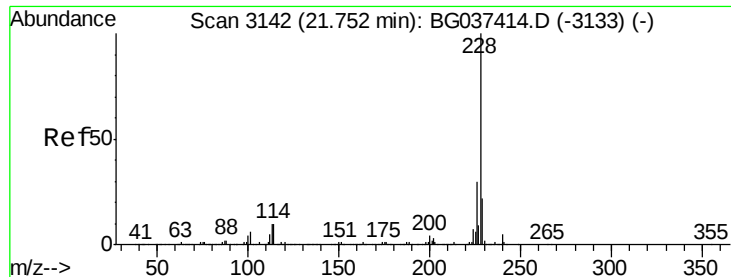


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

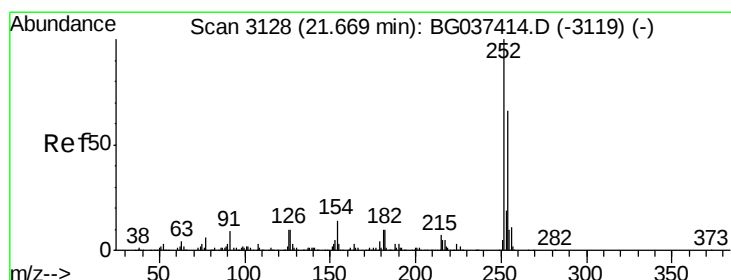
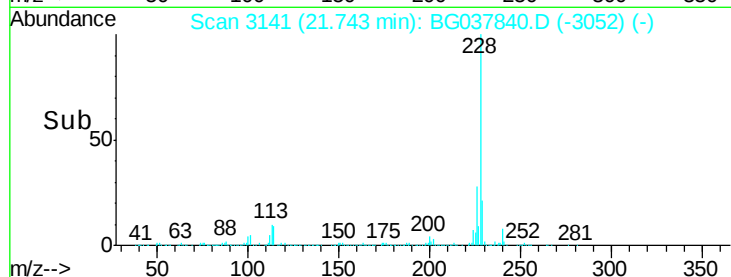
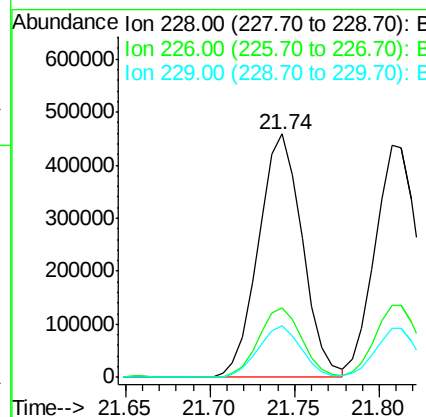
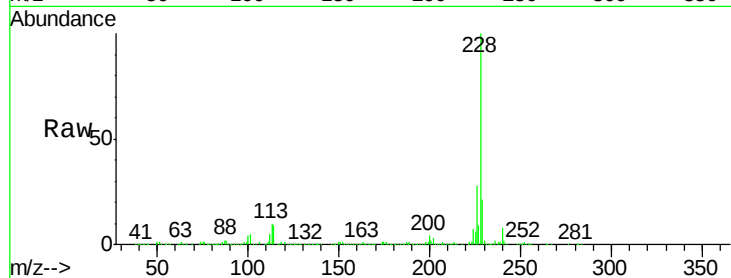




#81
Benzo(a)anthracene
Concen: 44.443 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

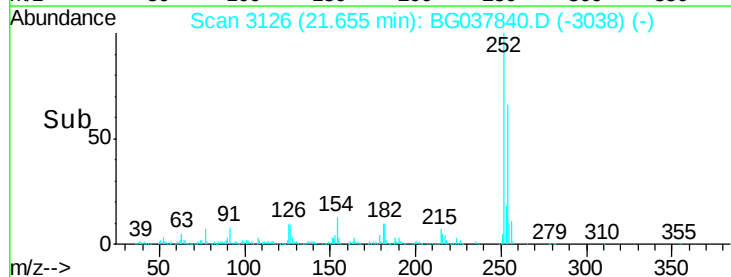
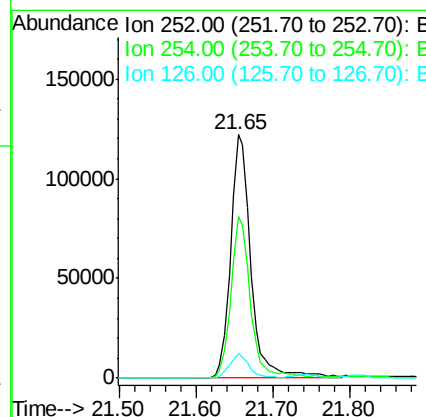
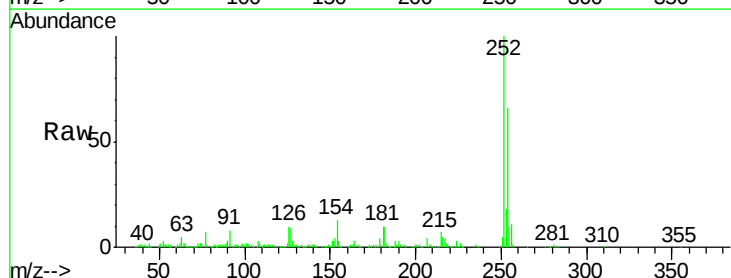
Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion: 228 Resp: 829266
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 21.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 31.240 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion: 252 Resp: 225938
Ion Ratio Lower Upper
252 100
254 66.5 52.0 78.0
126 10.1 8.2 12.4





#83

Chrysene

Concen: 43.635 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

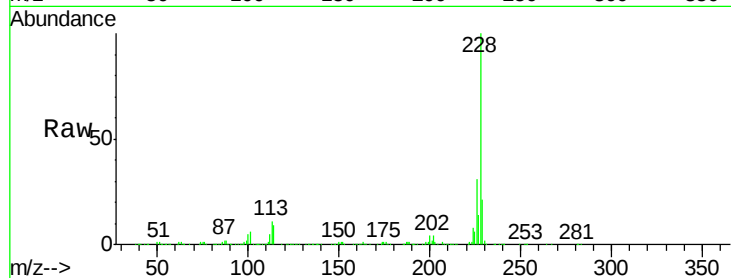
Tgt Ion:228 Resp: 782897

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

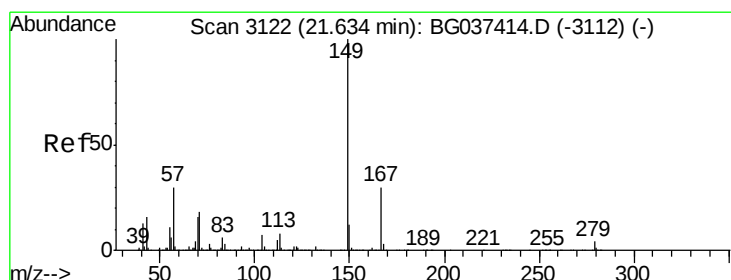
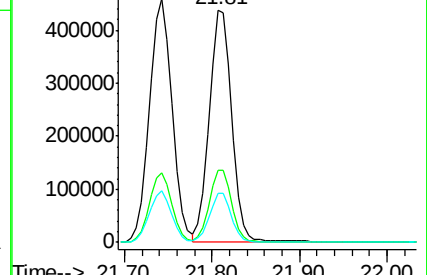
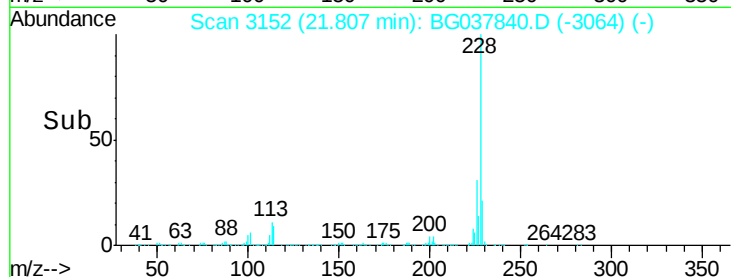
229 21.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.325 ng

RT: 21.61 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

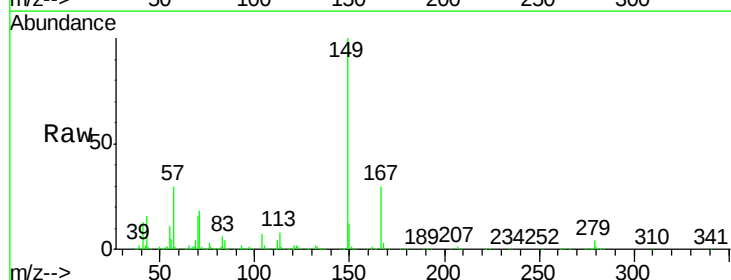
Tgt Ion:149 Resp: 536197

Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

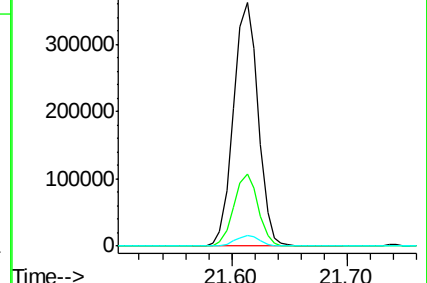
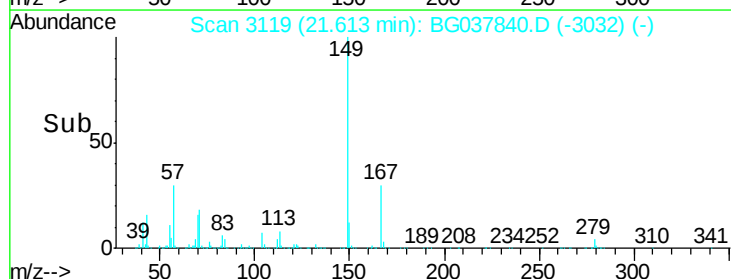
279 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

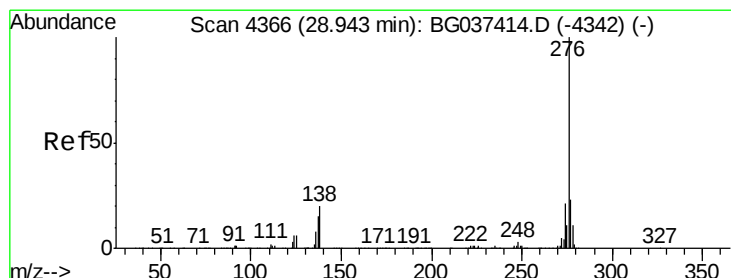
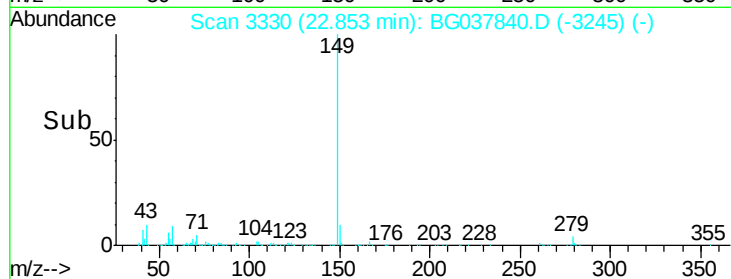
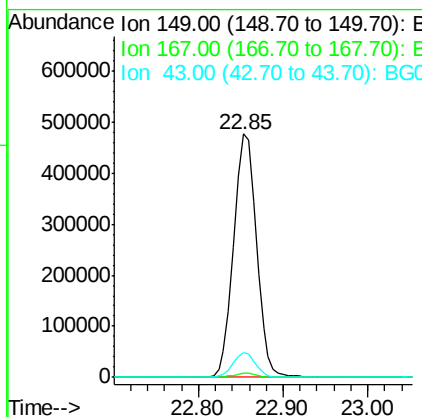
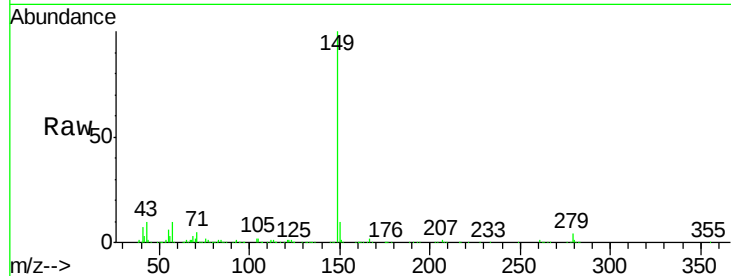




#85
Di-n-octyl phthalate
Concen: 46.038 ng
RT: 22.85 min Scan# 3330
Delta R.T. -0.03 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

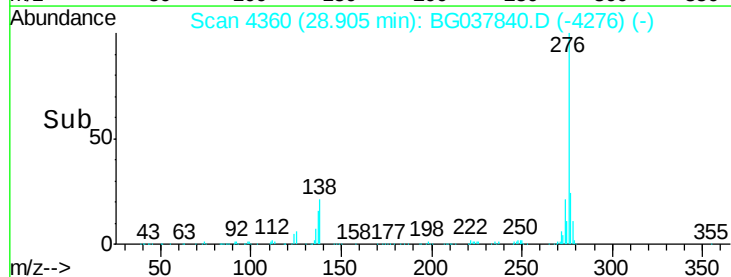
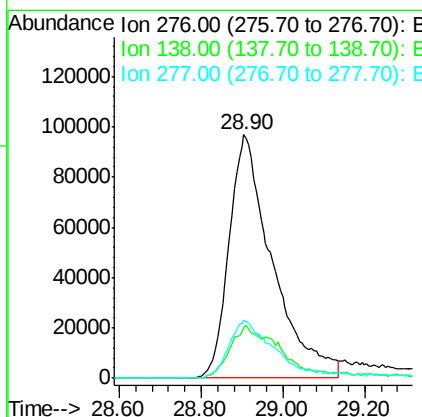
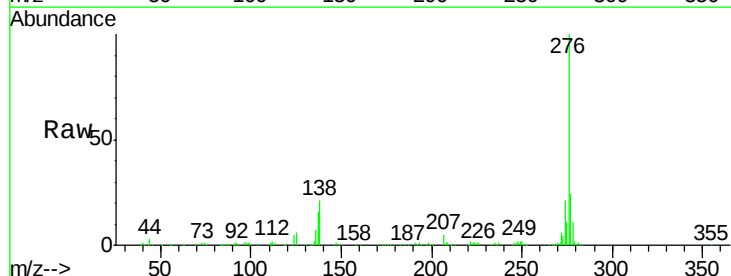
Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion:149 Resp: 888119
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.8 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.851 ng
RT: 28.90 min Scan# 4360
Delta R.T. -0.04 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion:276 Resp: 709149
Ion Ratio Lower Upper
276 100
138 13.9 12.0 18.0
277 24.4 20.6 30.8

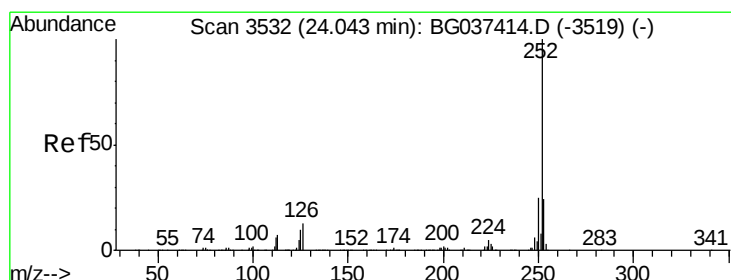
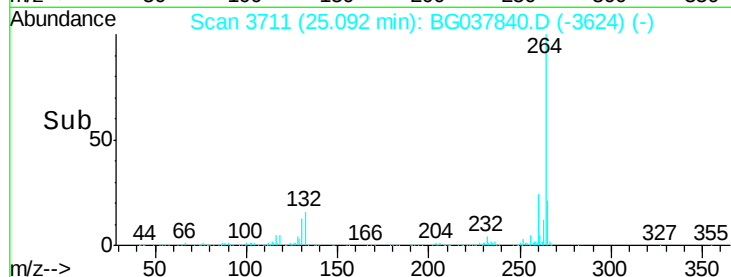
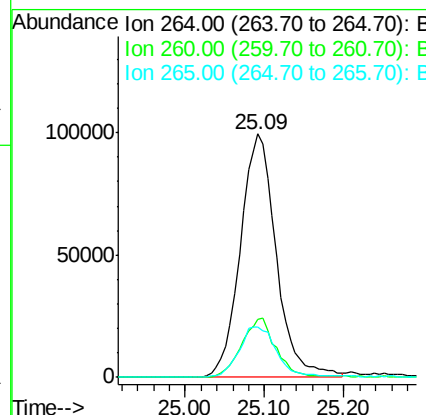
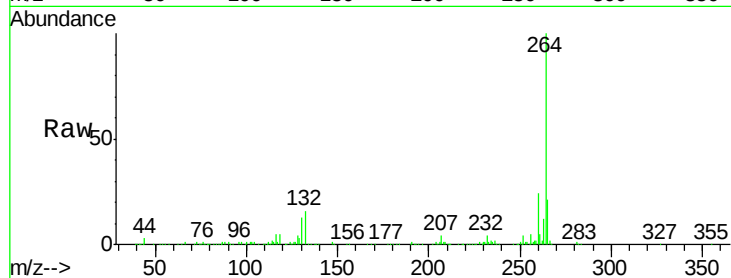




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

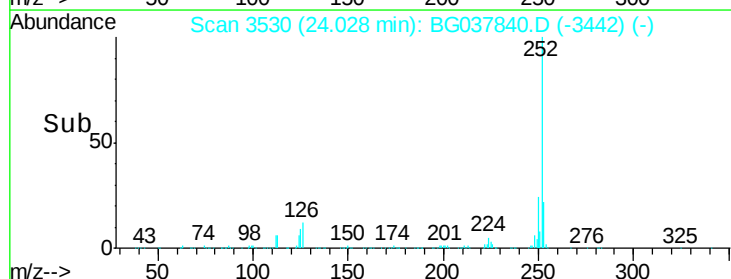
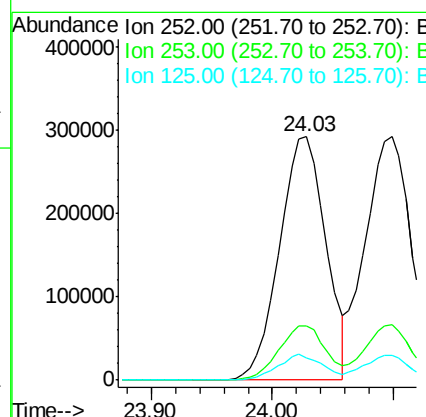
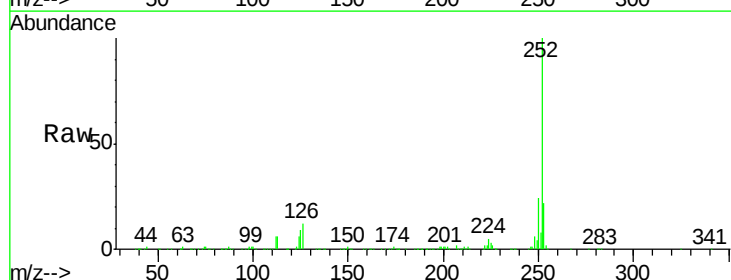
Instrument :
BNA_G
ClientSampleId :
PB114487BS

Tgt Ion:264 Resp: 312242
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.4
265 20.7 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 45.155 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion:252 Resp: 772973
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 9.1 7.8 11.6

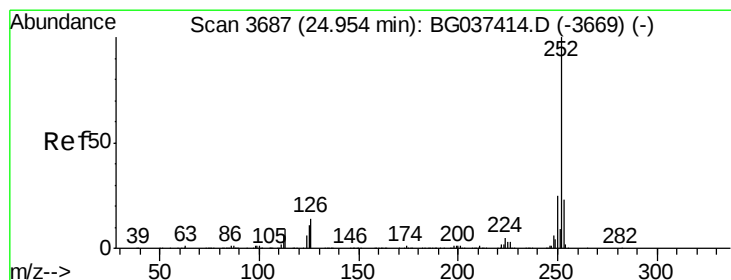
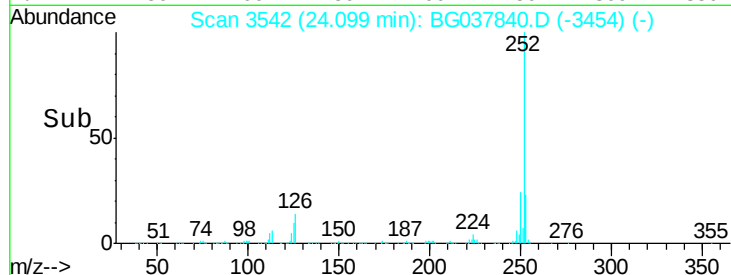
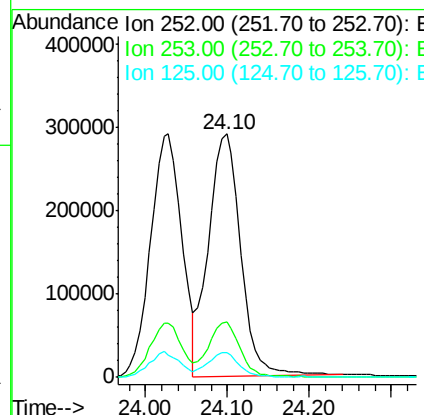
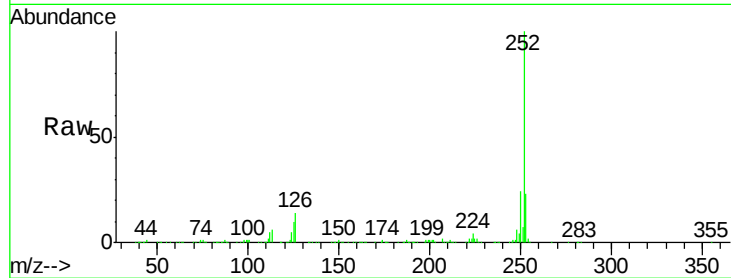




#89
Benzo(k)fluoranthene
Concen: 47.596 ng
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

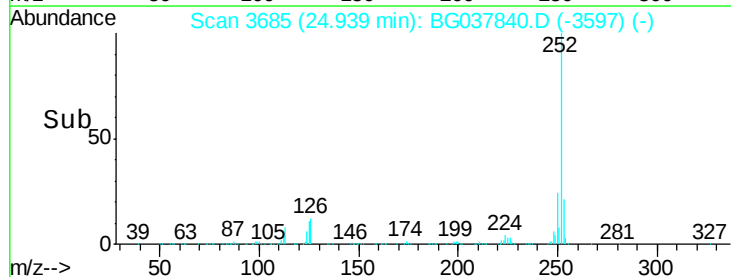
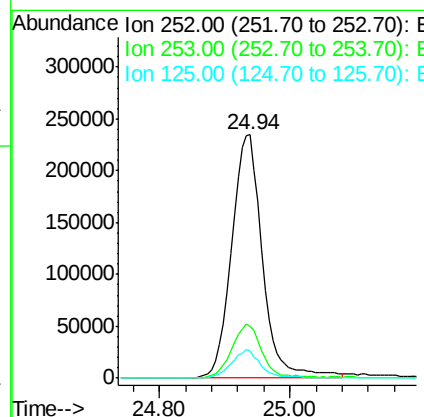
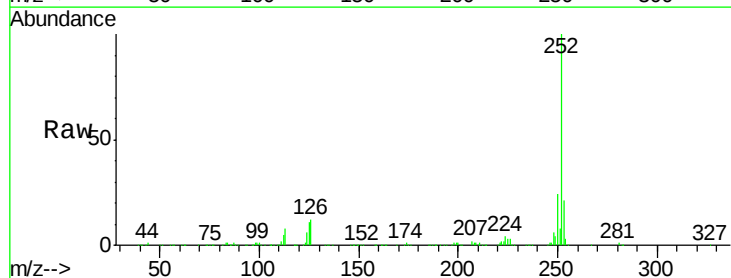
Instrument :
BNA_G
ClientSampleId :
PB114487BS

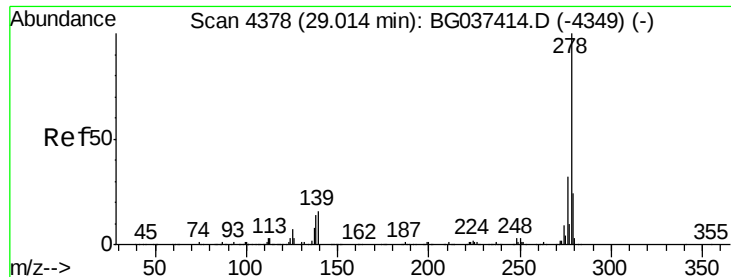
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	10.3	7.4	11.0



#90
Benzo(a)pyrene
Concen: 47.048 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037840.D
Acq: 6 Nov 2018 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	11.1	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 35.653 ng

RT: 28.98 min Scan# 4372

Delta R.T. -0.04 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

PB114487BS

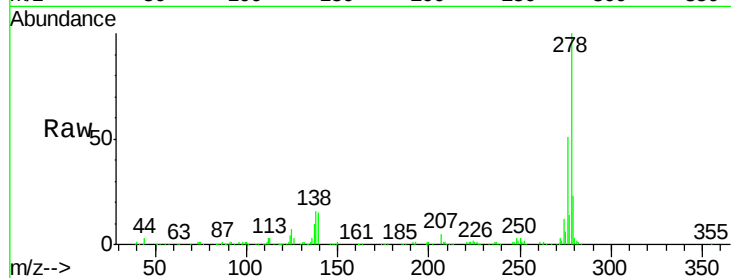
Tgt Ion:278 Resp: 534958

Ion Ratio Lower Upper

278 100

139 15.3 11.5 17.3

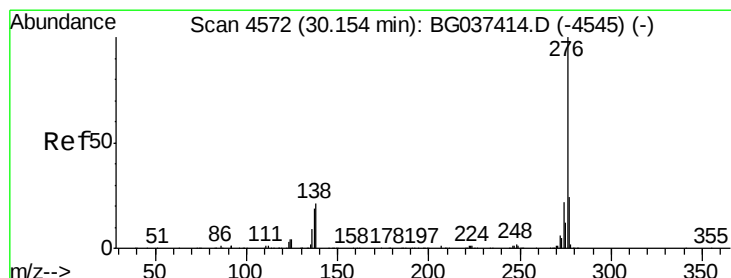
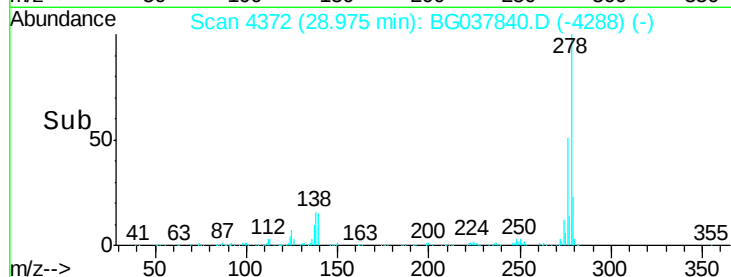
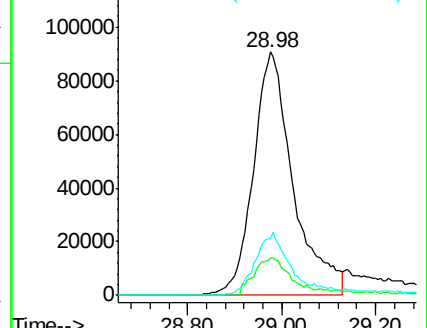
279 23.2 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.092 ng

RT: 30.11 min Scan# 4565

Delta R.T. -0.04 min

Lab File: BG037840.D

Acq: 6 Nov 2018 16:08

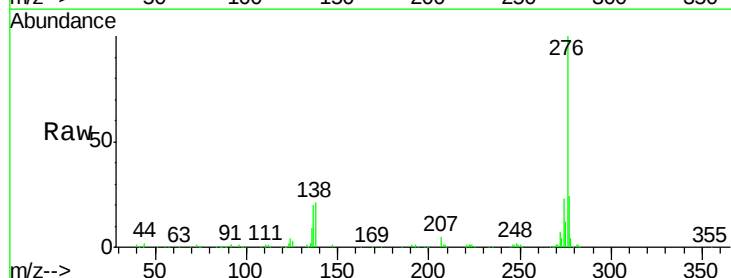
Tgt Ion:276 Resp: 608593

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 20.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

