

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037712.D
 Acq On : 1 Nov 2018 10:38
 Operator : JU/SJ
 Sample : PB114346BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Quant Time: Nov 01 11:24:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49043	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	234894	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	160931	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	395232	20.00	ng	0.00
76) Chrysene-d12	21.77	240	355125	20.00	ng	0.00
87) Perylene-d12	25.10	264	361774	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	424053	144.56	ng	0.00
7) Phenol-d6	7.24	99	604193	136.21	ng	0.00
23) Nitrobenzene-d5	9.28	82	315283	75.19	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	222731	126.89	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	770192	72.17	ng	-0.01
79) Terphenyl-d14	20.08	244	988124	59.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	46124	31.005	ng	94
3) Pyridine	3.92	79	126891	33.842	ng	97
4) n-Nitrosodimethylamine	3.85	42	58429	43.750	ng	94
6) Aniline	7.43	93	173361	32.037	ng	97
8) 2-Chlorophenol	7.66	128	153625	44.766	ng	99
9) Benzaldehyde	7.24	77	70264	25.323	ng	97
10) Phenol	7.27	94	206401	44.101	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	139843	39.341	ng	98
12) 1,3-Dichlorobenzene	7.98	146	145920	38.195	ng	99
13) 1,4-Dichlorobenzene	8.14	146	149309	38.207	ng	99
14) 1,2-Dichlorobenzene	8.45	146	142471	37.899	ng	97
15) Benzyl Alcohol	8.34	79	137002	41.800	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	251412	39.529	ng	97
17) 2-Methylphenol	8.53	107	142228	45.967	ng	100
18) Hexachloroethane	9.18	117	53323	40.024	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	115826	37.920	ng	95
20) 3+4-Methylphenols	8.86	107	195431	44.177	ng	99
22) Acetophenone	8.93	105	222453	37.761	ng	# 98
24) Nitrobenzene	9.32	77	174292	40.012	ng	97
25) Isophorone	9.83	82	331866	43.316	ng	96
26) 2-Nitrophenol	10.03	139	86534	44.097	ng	97
27) 2,4-Dimethylphenol	10.07	122	166044	47.391	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	206478	41.134	ng	98
29) 2,4-Dichlorophenol	10.56	162	167829	43.021	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	158418	37.342	ng	96
31) Naphthalene	10.97	128	474295	41.109	ng	100
32) Benzoic acid	10.19	122	91880	40.374	ng	98
33) 4-Chloroaniline	11.08	127	139106	25.661	ng	99
34) Hexachlorobutadiene	11.23	225	89466	35.583	ng	97
35) Caprolactam	11.87	113	63751	40.746	ng	98
36) 4-Chloro-3-methylphenol	12.19	107	187080	42.523	ng	98
37) 2-Methylnaphthalene	12.57	142	363535	43.225	ng	98
38) 1-Methylnaphthalene	12.79	142	345732	42.330	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	184450	35.533	ng	99

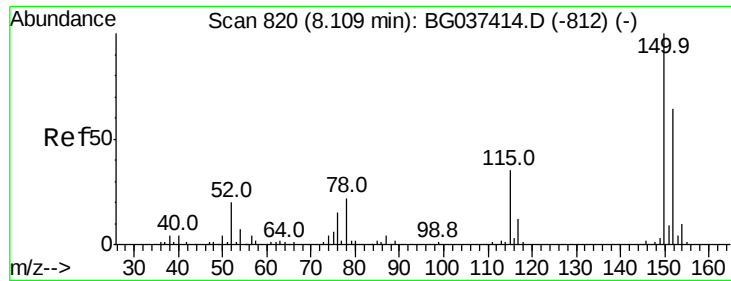
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	213878	86.256	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	142863	41.195	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	155410	41.160	ng	99
46) 1,1'-Biphenyl	13.57	154	480521	36.054	ng	99
47) 2-Chloronaphthalene	13.62	162	379018	37.589	ng	97
48) 2-Nitroaniline	13.82	65	128102	41.895	ng	95
49) Acenaphthylene	14.46	152	625163	41.217	ng	98
50) Dimethylphthalate	14.18	163	499597	40.129	ng	100
51) 2,6-Dinitrotoluene	14.31	165	114331	41.512	ng	95
52) Acenaphthene	14.80	154	363573	38.921	ng	98
53) 3-Nitroaniline	14.65	138	101707	33.265	ng	# 96
54) 2,4-Dinitrophenol	14.85	184	49291	52.557	ng	91
55) Dibenzofuran	15.13	168	596492	38.541	ng	99
56) 4-Nitrophenol	14.94	139	181631	80.255	ng	95
57) 2,4-Dinitrotoluene	15.10	165	160272	44.331	ng	95
58) Fluorene	15.78	166	483410	41.709	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	138179	42.742	ng	99
60) Diethylphthalate	15.54	149	514822	40.278	ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	253120	37.469	ng	99
62) 4-Nitroaniline	15.81	138	124153	40.865	ng	92
63) Azobenzene	16.06	77	492599	40.393	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	59575	32.141	ng	95
66) n-Nitrosodiphenylamine	15.99	169	447309	37.625	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	158497	36.518	ng	97
68) Hexachlorobenzene	16.77	284	160744	35.734	ng	100
69) Atrazine	16.93	200	171475	39.893	ng	99
70) Pentachlorophenol	17.12	266	176497	58.576	ng	97
71) Phenanthrene	17.53	178	808182	40.234	ng	99
72) Anthracene	17.61	178	824580	41.830	ng	100
73) Carbazole	17.88	167	745298	37.797	ng	100
74) Di-n-butylphthalate	18.42	149	899537	41.009	ng	99
75) Fluoranthene	19.53	202	937541	41.152	ng	99
77) Benzidine	19.71	184	331410	27.446	ng	99
78) Pyrene	19.89	202	934994	40.275	ng	100
80) Butylbenzylphthalate	20.76	149	403401	42.459	ng	97
81) Benzo(a)anthracene	21.74	228	878008	41.799	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	242601	29.797	ng	98
83) Chrysene	21.81	228	823513	40.772	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	568926	42.720	ng	98
85) Di-n-octyl phthalate	22.86	149	956506	44.045	ng	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	790330	36.482	ng	97
88) Benzo(b)fluoranthene	24.03	252	840764	42.390	ng	98
89) Benzo(k)fluoranthene	24.10	252	830025	42.715	ng	97
90) Benzo(a)pyrene	24.94	252	833399	44.220	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	627827	36.114	ng	98
92) Benzo(g,h,i)perylene	30.12	276	629514	35.792	ng	99

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

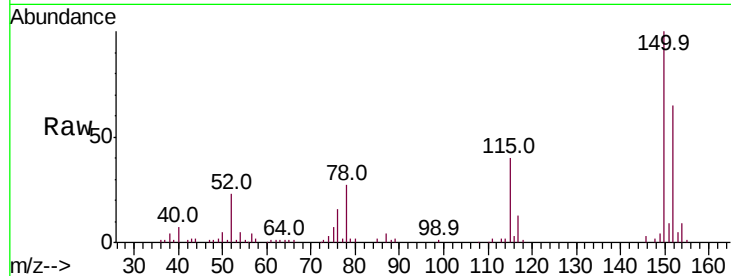


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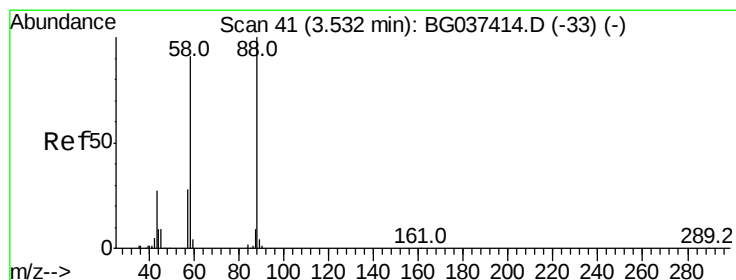
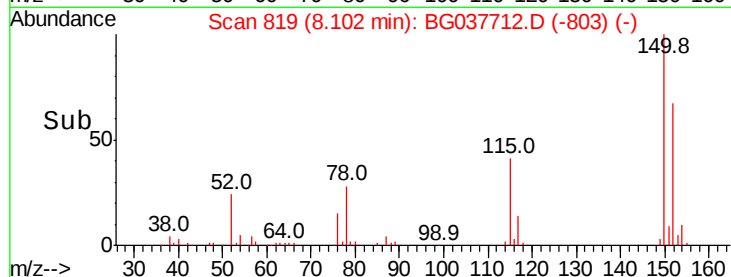
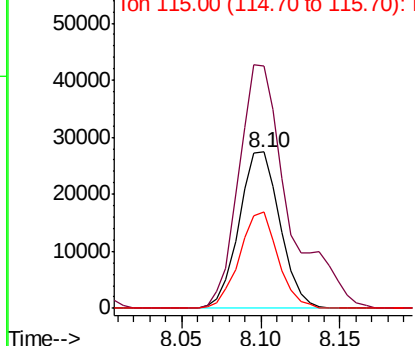
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:152 Resp: 49043
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 62.2 45.5 68.3



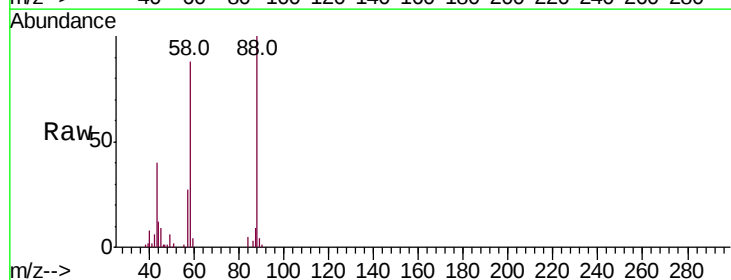
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



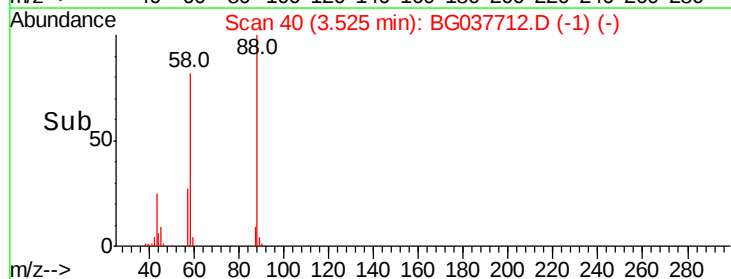
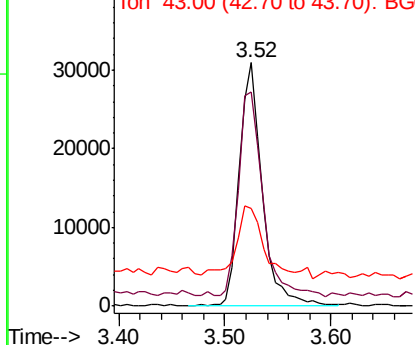
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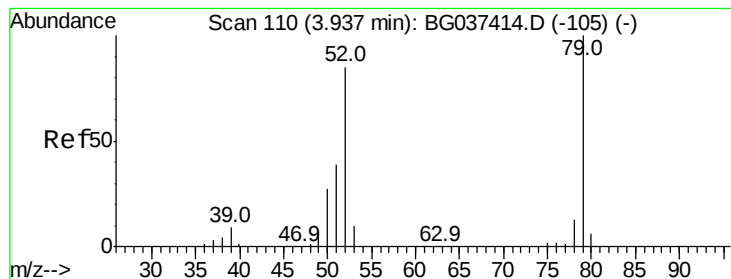
1,4-Dioxane
Concen: 31.005 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion: 88 Resp: 46124
Ion Ratio Lower Upper
88 100
58 88.8 74.4 111.6
43 38.5 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.842 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

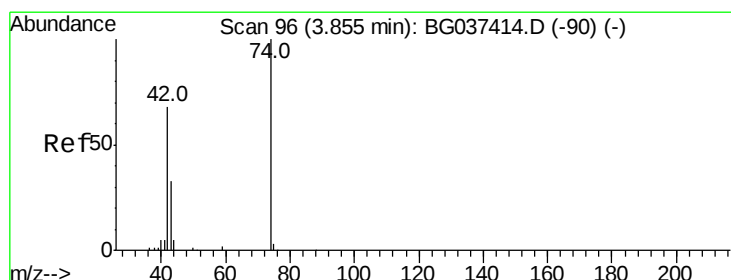
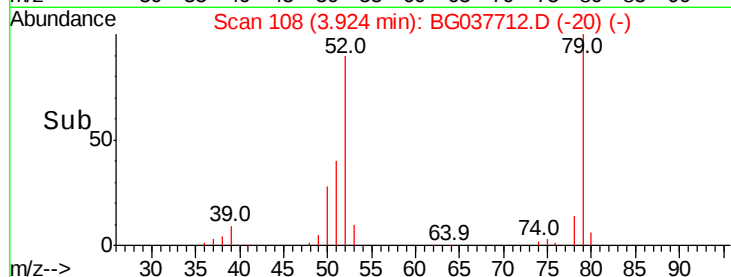
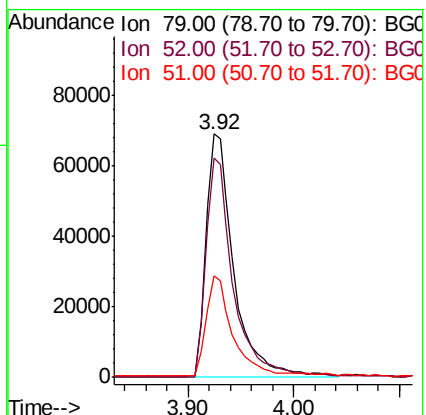
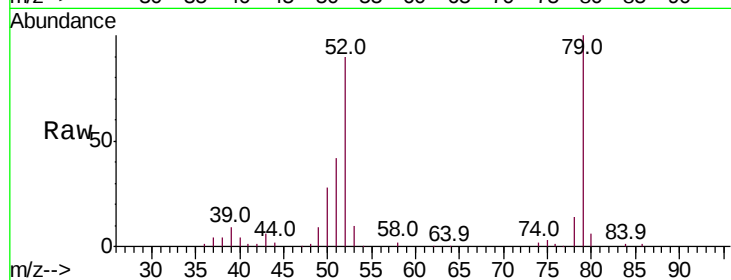
Tot Ion: 79 Resp: 126891

Ion Ratio Lower Upper

79 100

52 90.1 74.2 111.2

51 41.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 43.750 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

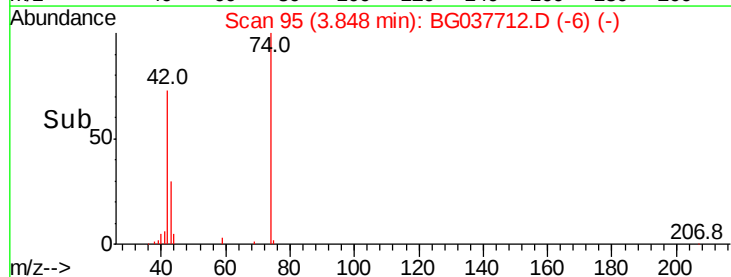
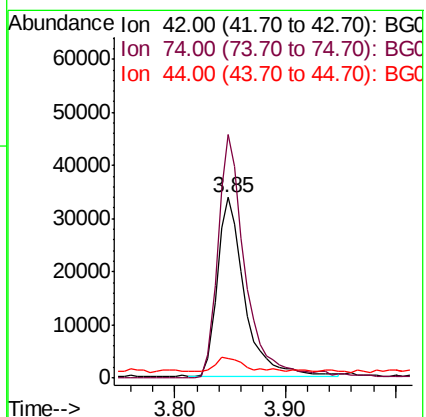
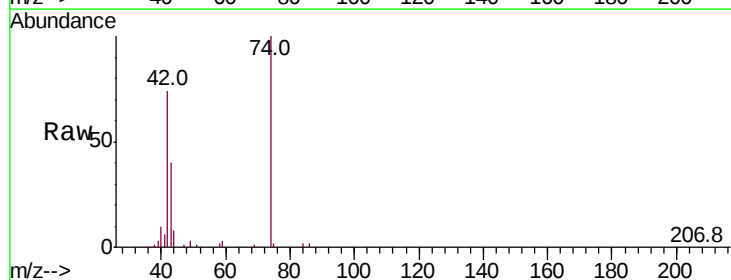
Tgt Ion: 42 Resp: 58429

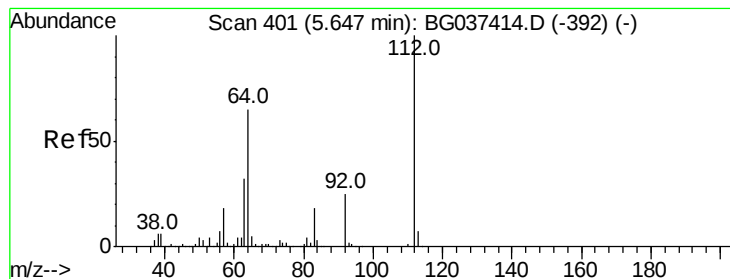
Ion Ratio Lower Upper

42 100

74 134.8 102.0 153.0

44 10.6 9.6 14.4





#5

2-Fluorophenol

Concen: 144.558 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

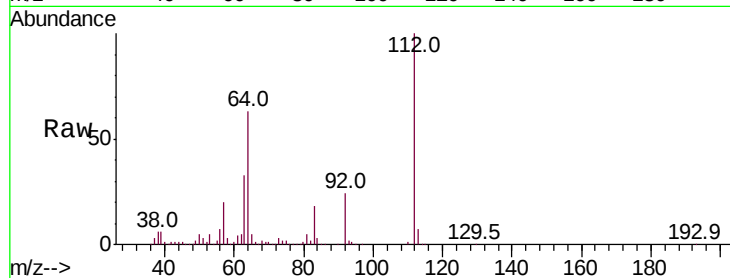
Tot Ion:112 Resp: 424053

Ion Ratio Lower Upper

112 100

64 63.0 53.1 79.7

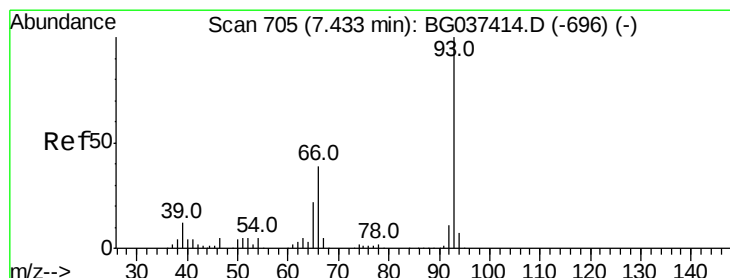
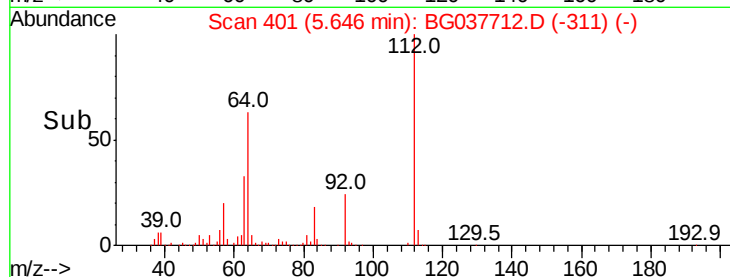
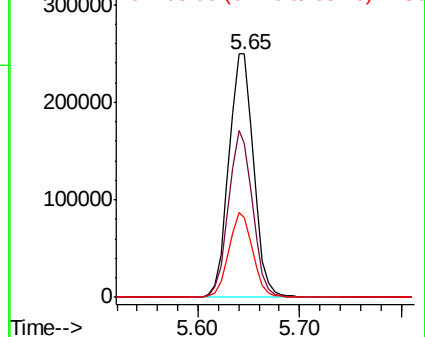
63 32.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.037 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

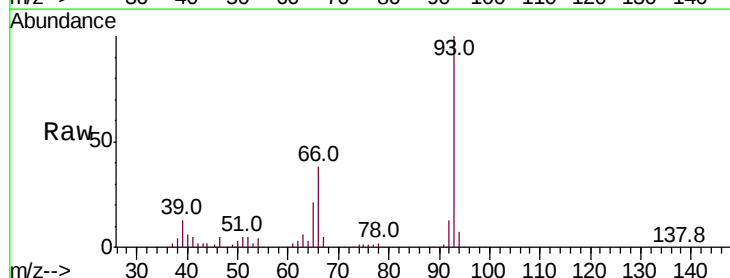
Tgt Ion: 93 Resp: 173361

Ion Ratio Lower Upper

93 100

66 38.2 32.8 49.2

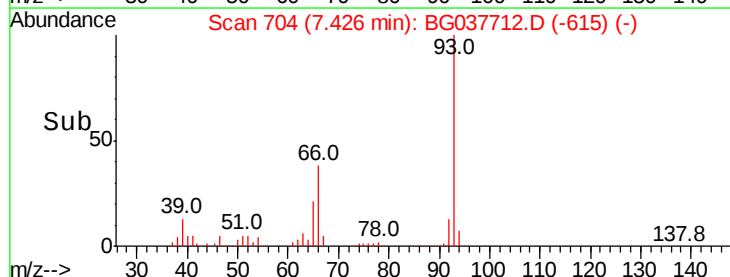
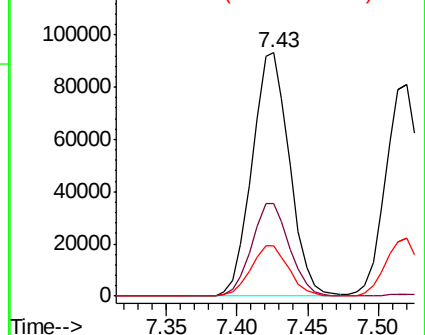
65 20.9 16.4 24.6



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: 136.210 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

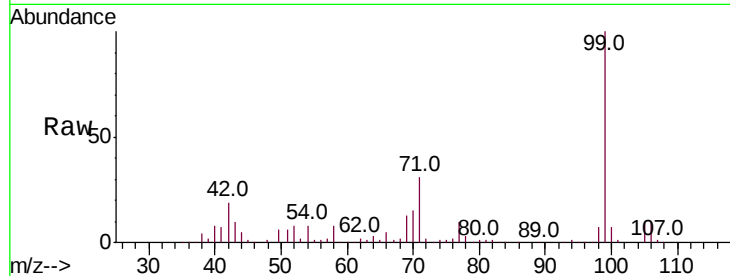
Tot Ion: 99 Resp: 604193

Ion Ratio Lower Upper

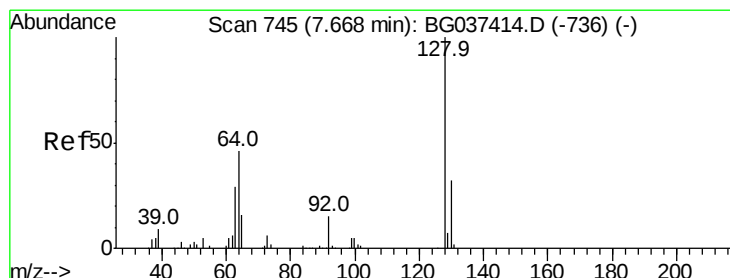
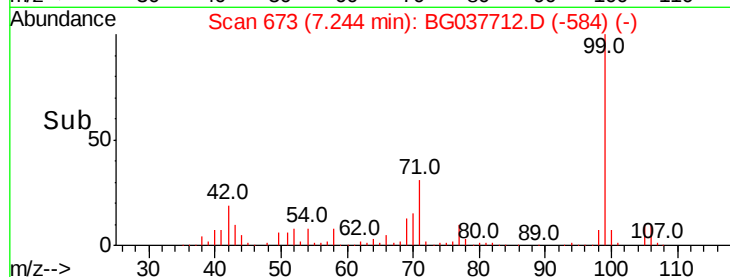
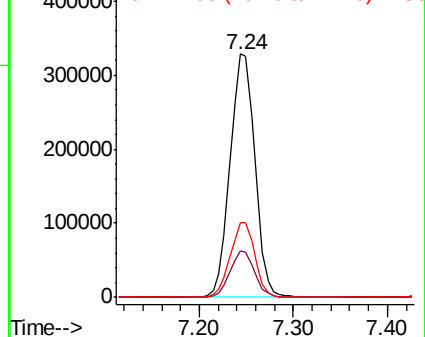
99 100

42 19.2 15.0 22.4

71 30.8 25.5 38.3



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



#8

2-Chlorophenol

Concen: 44.766 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

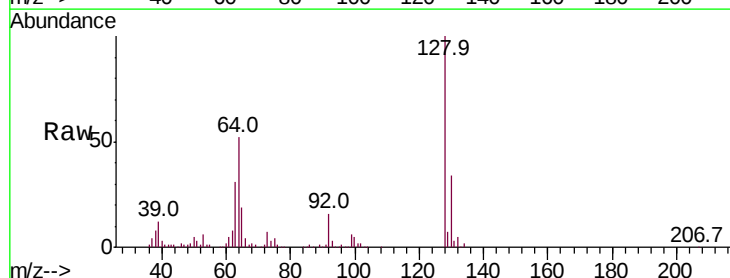
Tgt Ion:128 Resp: 153625

Ion Ratio Lower Upper

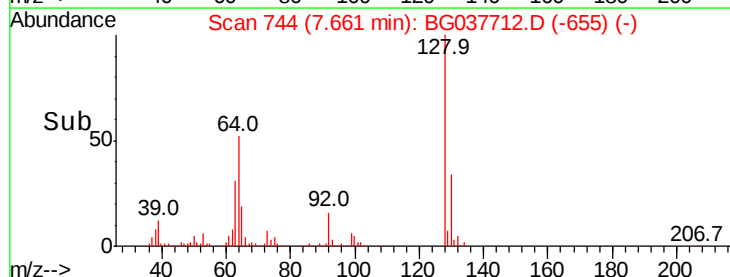
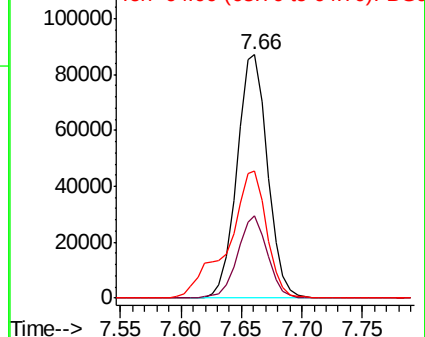
128 100

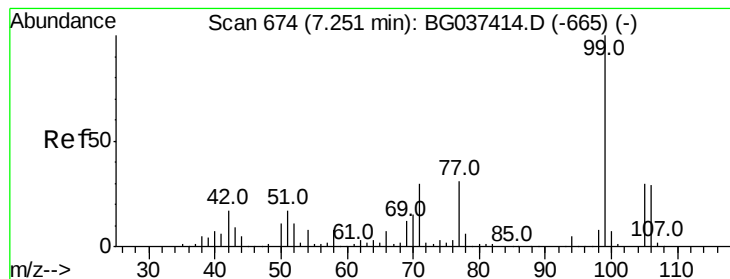
130 33.6 12.0 52.0

64 52.5 32.9 72.9



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





#9

Benzaldehyde

Concen: 25.323 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

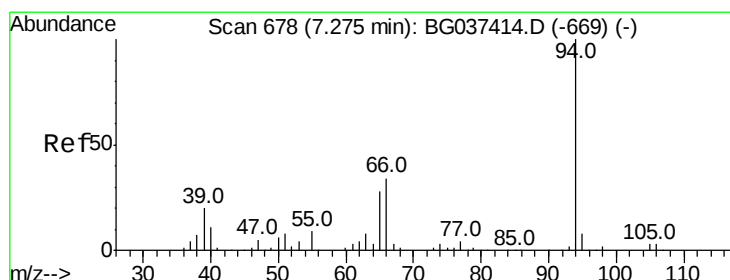
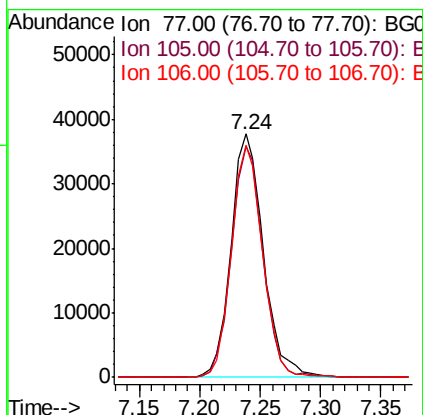
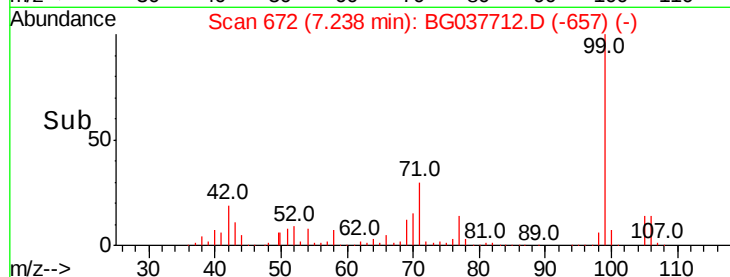
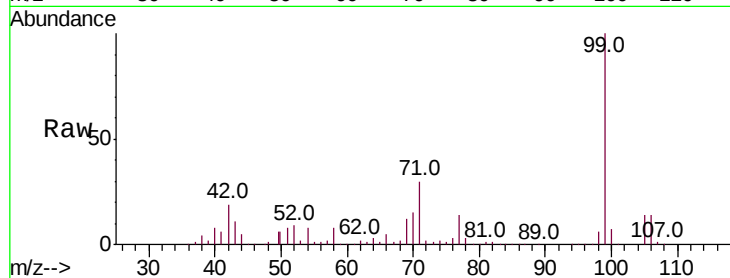
Tot Ion: 77 Resp: 70264

Ion Ratio Lower Upper

77 100

105 94.9 72.6 112.6

106 95.3 71.3 111.3



#10

Phenol

Concen: 44.101 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

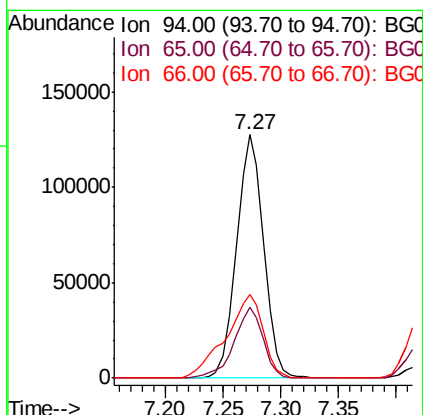
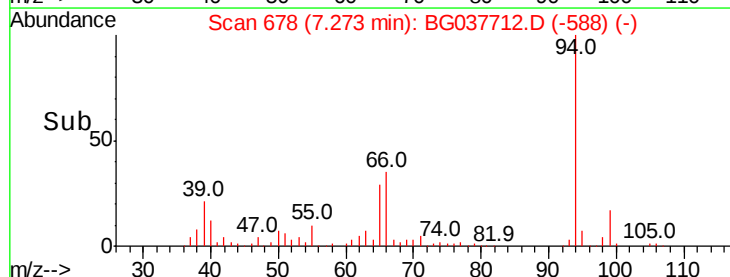
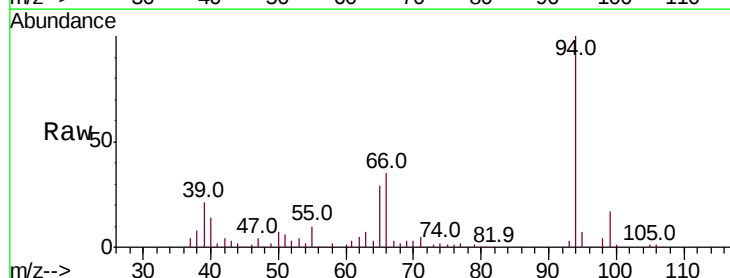
Tgt Ion: 94 Resp: 206401

Ion Ratio Lower Upper

94 100

65 28.9 9.7 49.7

66 34.6 15.9 55.9

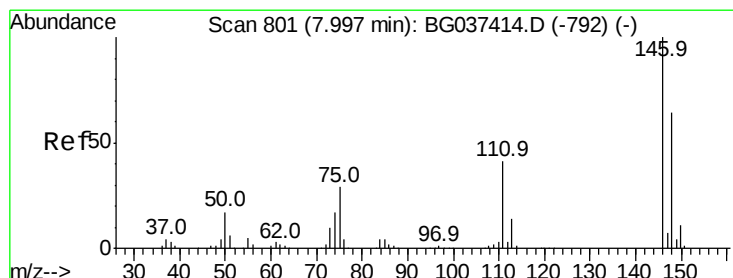
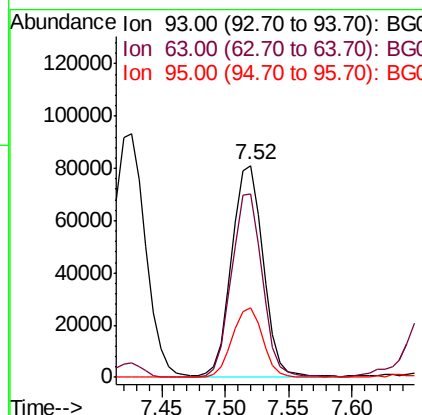
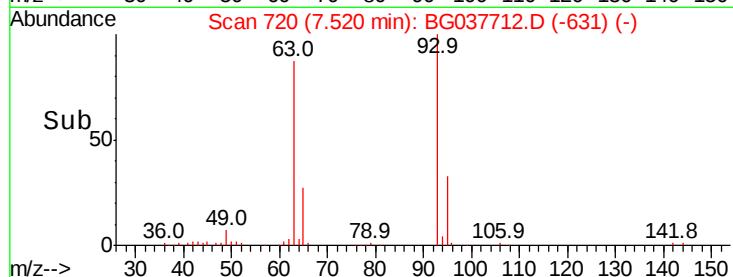
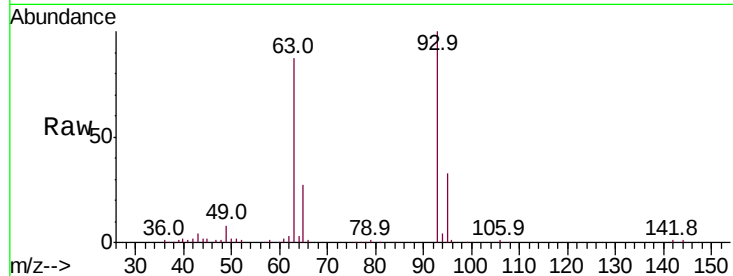




#11
bis(2-Chloroethyl)ether
Concen: 39.341 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

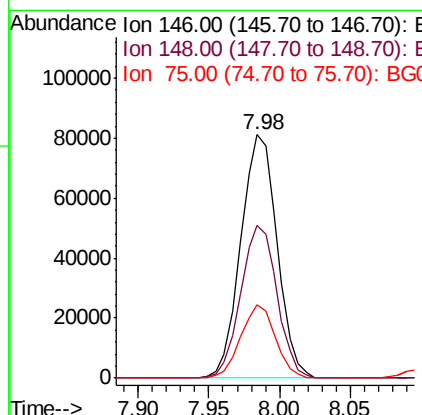
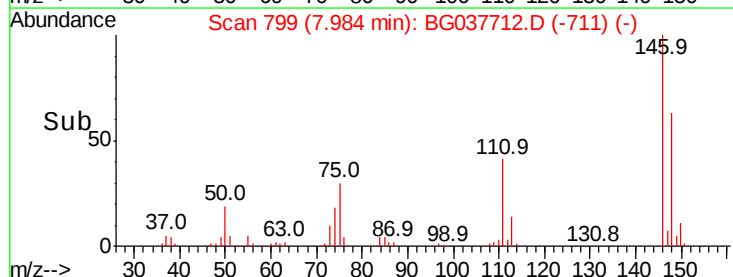
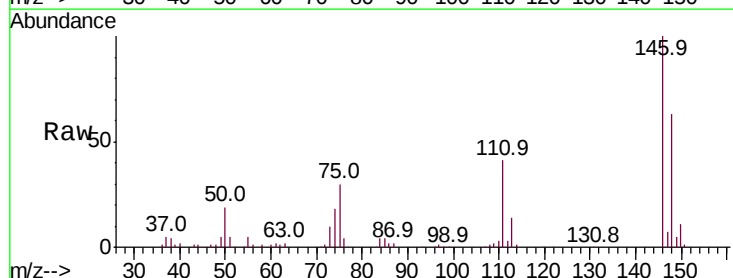
Instrument :
BNA_G
ClientSampleId :
PB114346BS

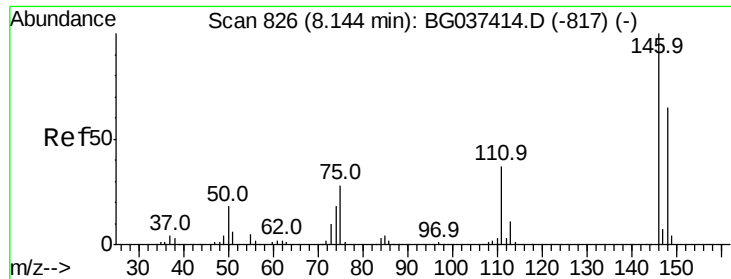
Tot Ion: 93 Resp: 139843
Ion Ratio Lower Upper
93 100
63 86.6 69.5 109.5
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.195 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:146 Resp: 145920
Ion Ratio Lower Upper
146 100
148 63.0 49.8 74.8
75 29.9 23.2 34.8

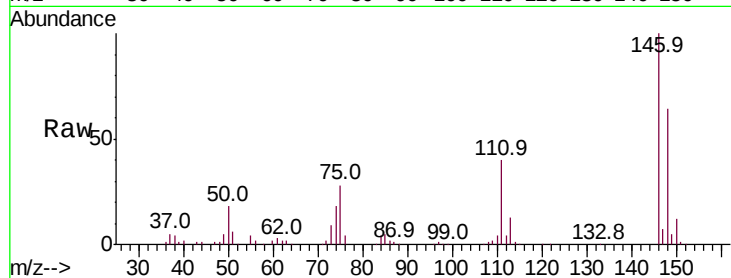




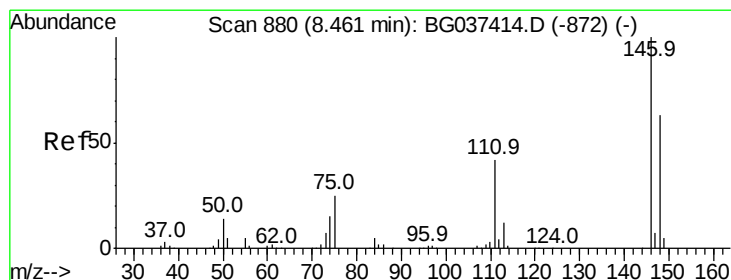
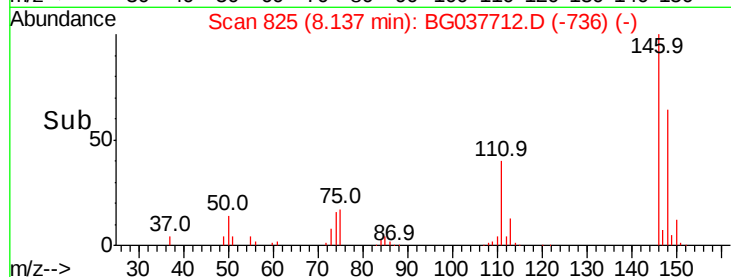
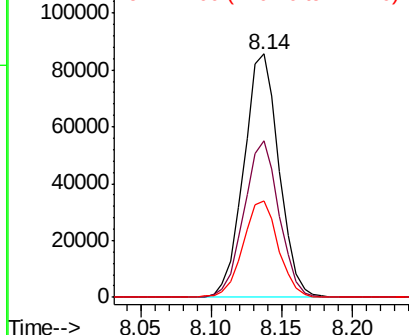
#13
 1,4-Dichlorobenzene
 Concen: 38.207 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion:146 Resp: 149309
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 39.7 32.4 48.6

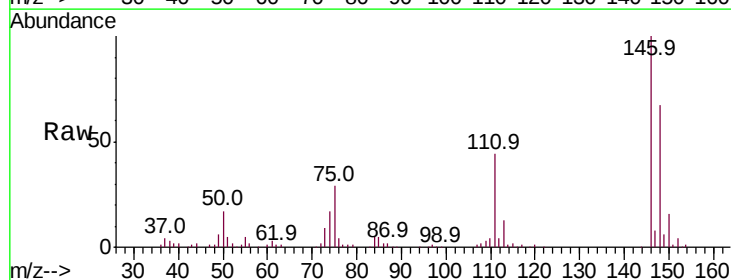


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

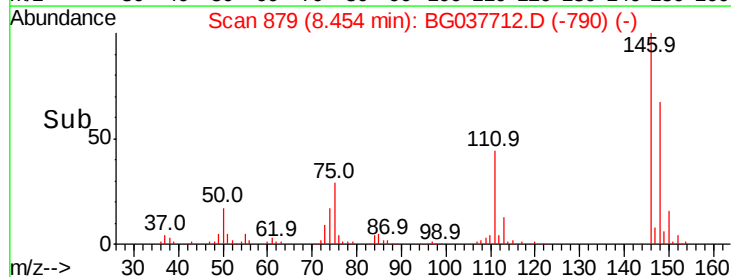
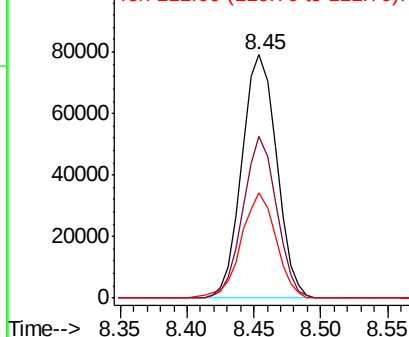


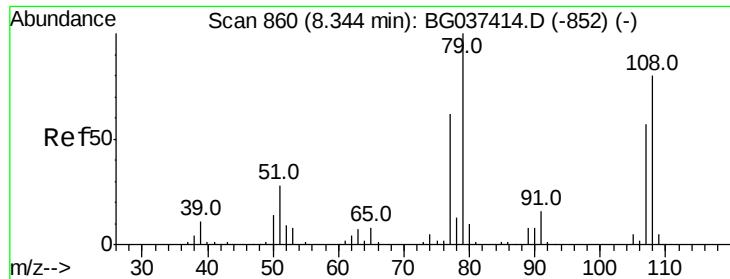
#14
 1,2-Dichlorobenzene
 Concen: 37.899 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Tgt Ion:146 Resp: 142471
 Ion Ratio Lower Upper
 146 100
 148 66.5 50.4 75.6
 111 43.5 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: 41.800 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

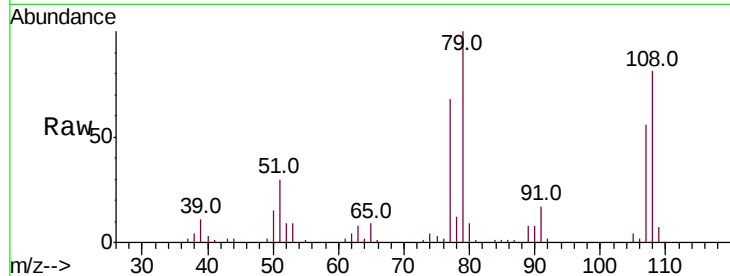
Tot Ion: 79 Resp: 137002

Ion Ratio Lower Upper

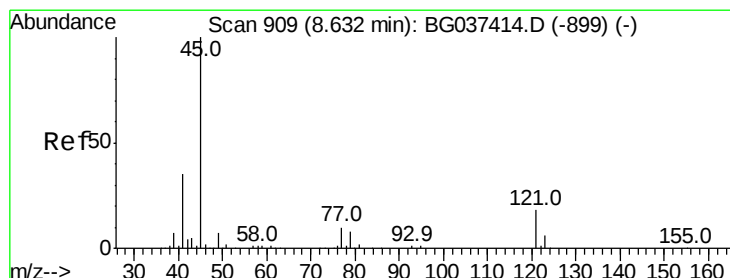
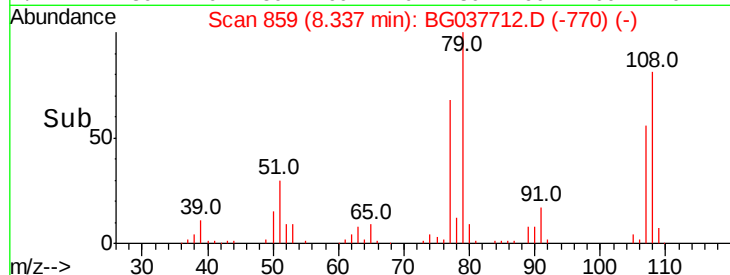
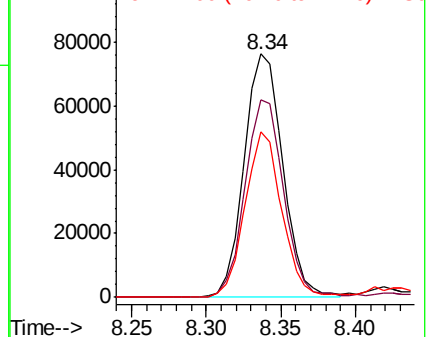
79 100

108 80.9 65.8 98.8

77 68.1 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: 39.529 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

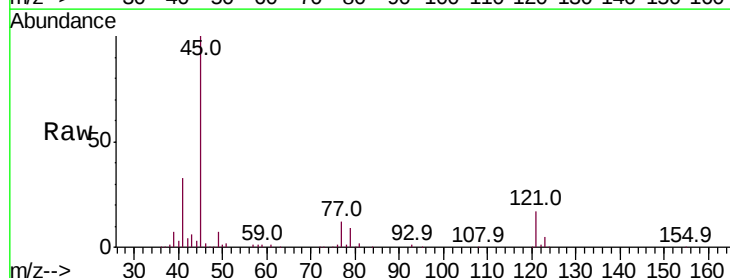
Tgt Ion: 45 Resp: 251412

Ion Ratio Lower Upper

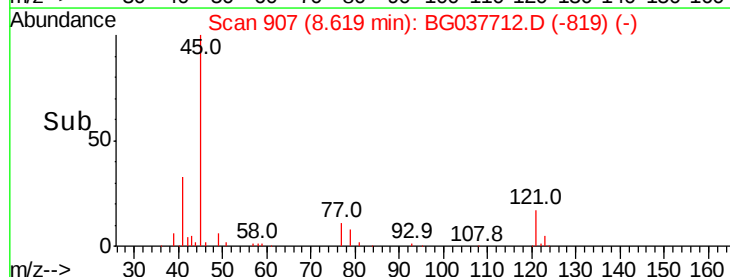
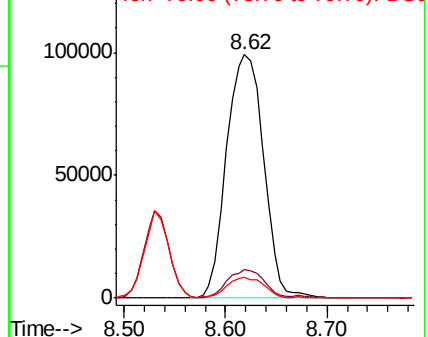
45 100

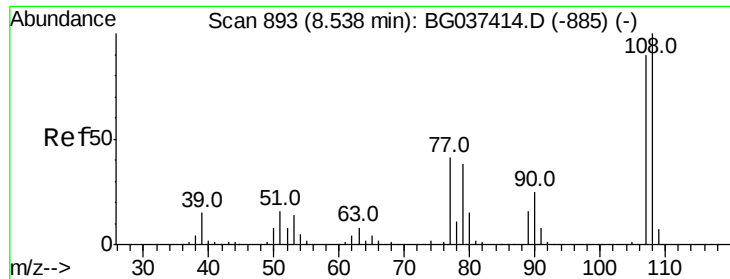
77 11.7 0.0 30.0

79 8.7 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

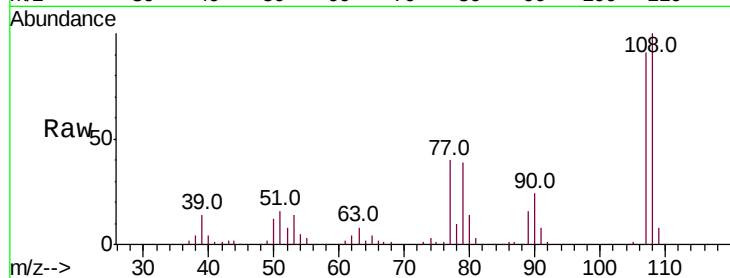




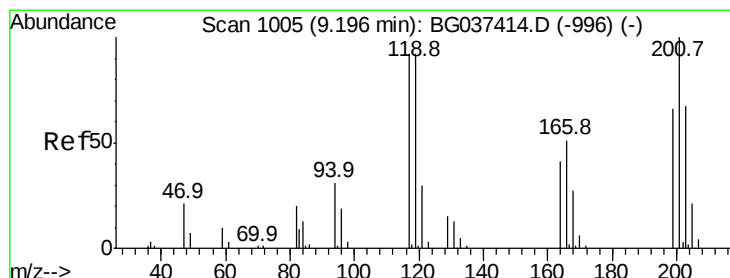
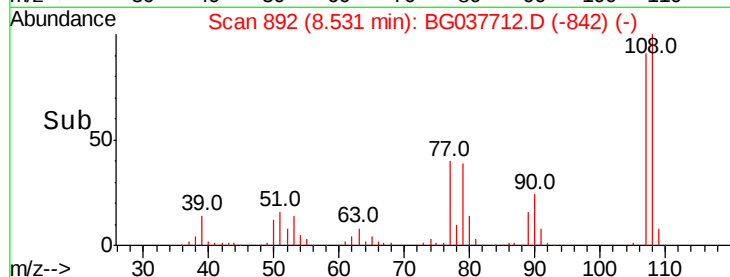
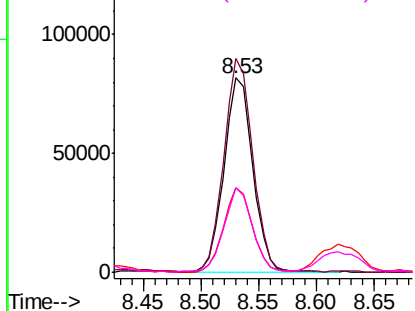
#17
2-Methylphenol
Concen: 45.967 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:	107	Resp:	142228
Ion	Ratio	Lower	Upper
107	100		
108	109.9	87.9	131.9
77	43.6	35.1	52.7
79	43.3	34.5	51.7

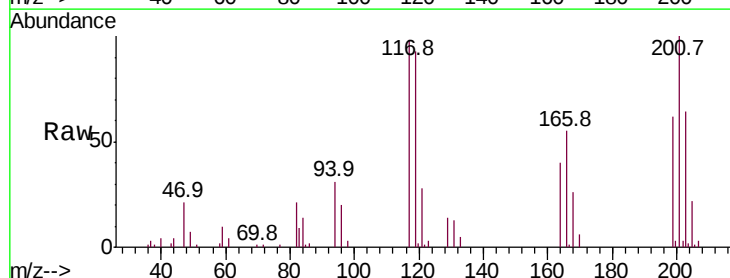


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

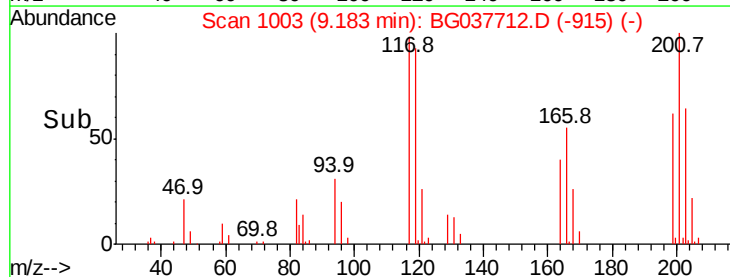
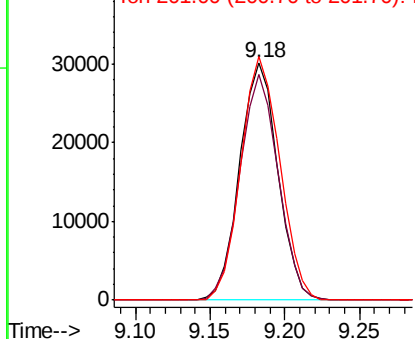


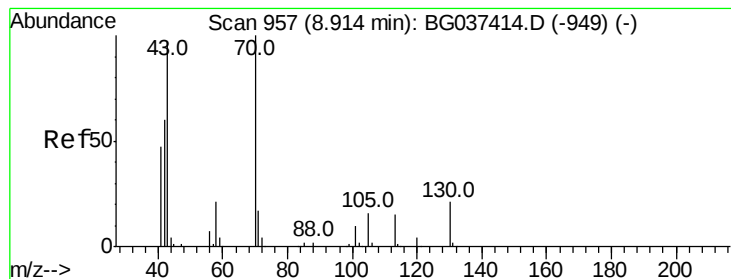
#18
Hexachloroethane
Concen: 40.024 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:	117	Resp:	53323
Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.6	111.8
201	102.4	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: 37.920 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

Tot Ion: 70 Resp: 115826

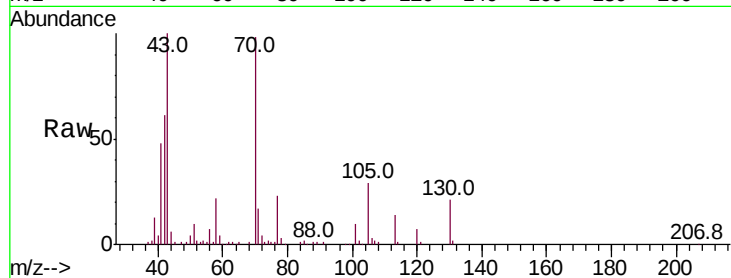
Ion Ratio Lower Upper

70 100

42 62.6 53.9 80.9

101 10.6 8.2 12.2

130 21.9 18.2 27.4

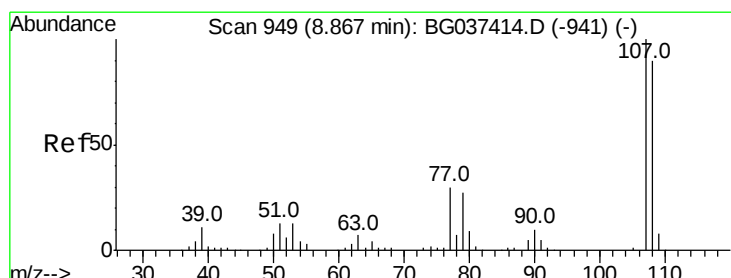
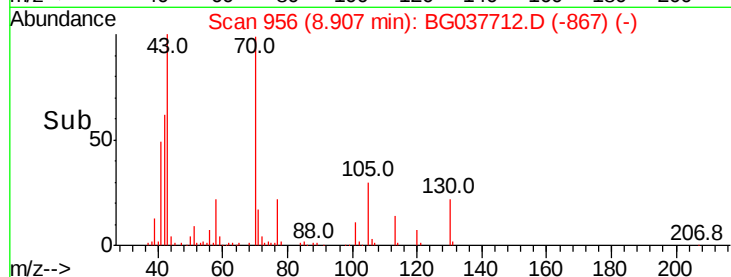
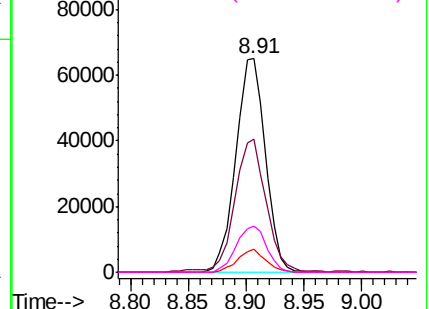


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 44.177 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Tgt Ion: 107 Resp: 195431

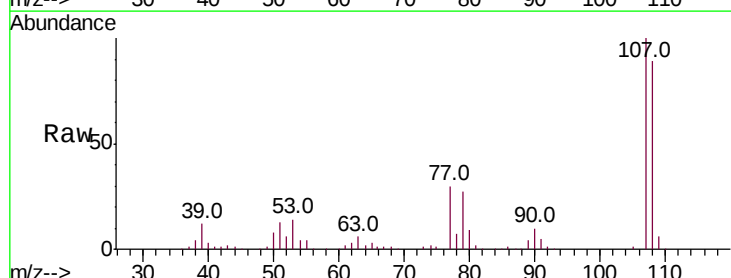
Ion Ratio Lower Upper

107 100

108 89.1 69.9 109.9

77 30.3 11.2 51.2

79 27.1 6.6 46.6

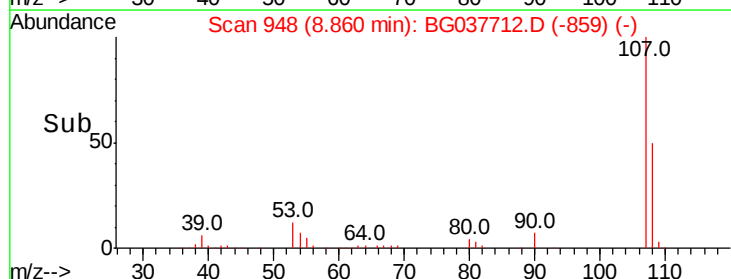
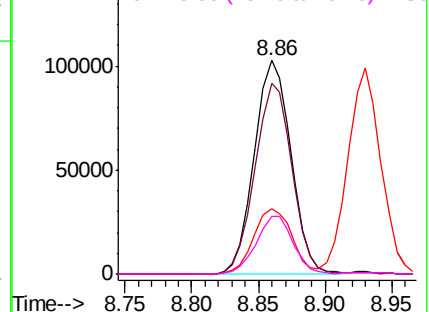


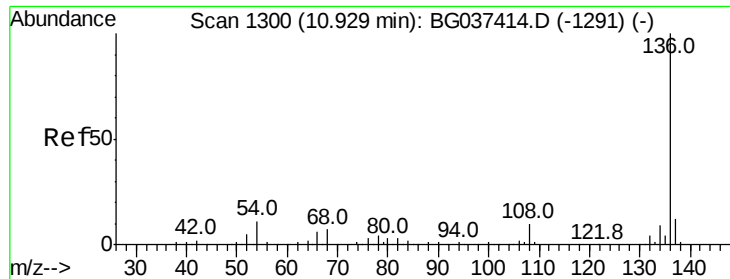
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

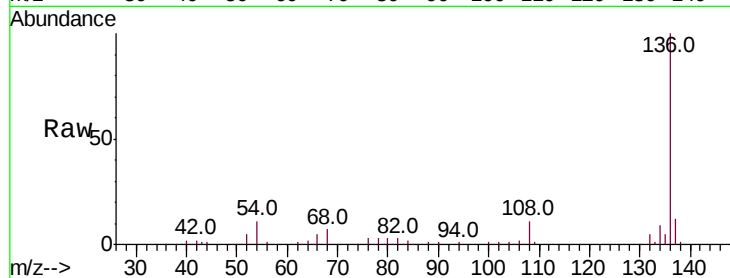




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:	136	Resp:	234894
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	11.0	7.9	11.9
68	6.7	4.8	7.2



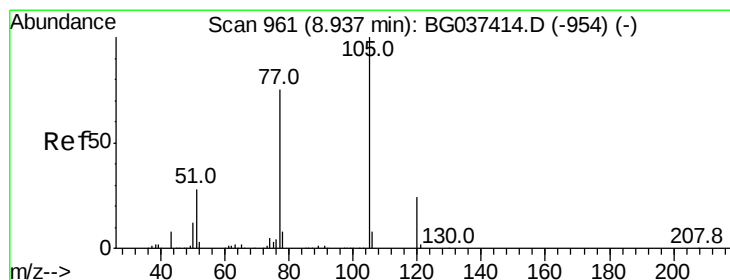
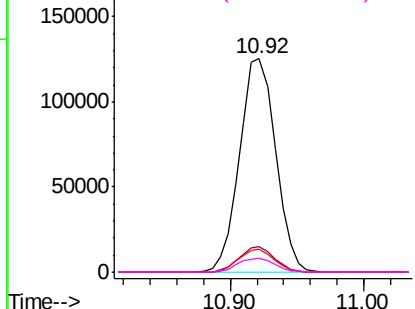
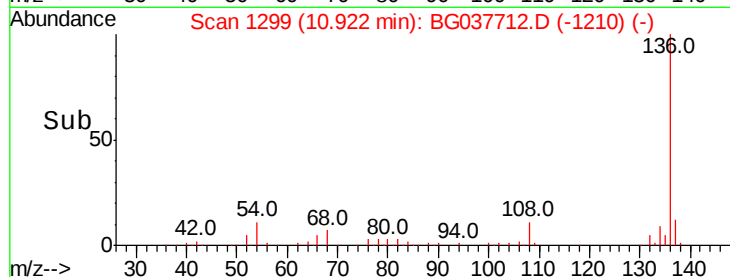
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

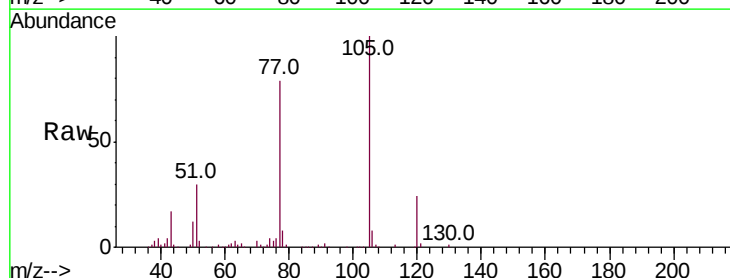
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.761 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:	105	Resp:	222453
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	29.8	25.0	37.6
120	24.0	18.6	28.0



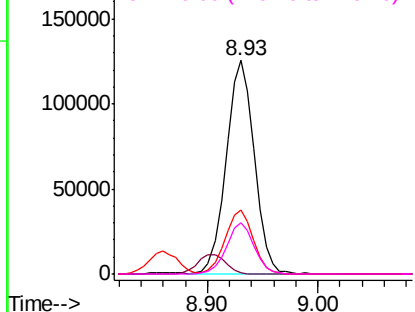
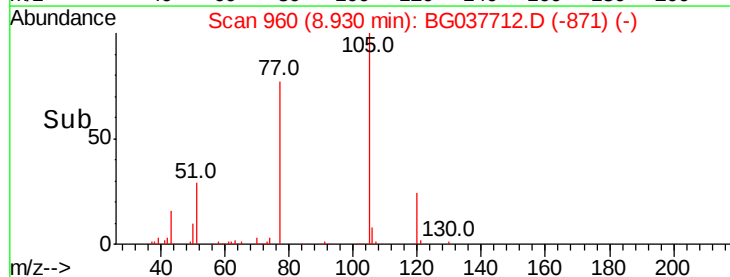
Abundance

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

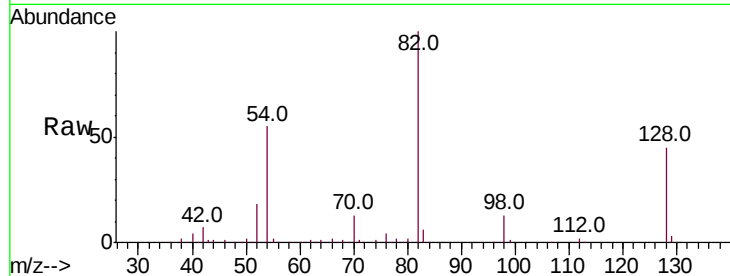




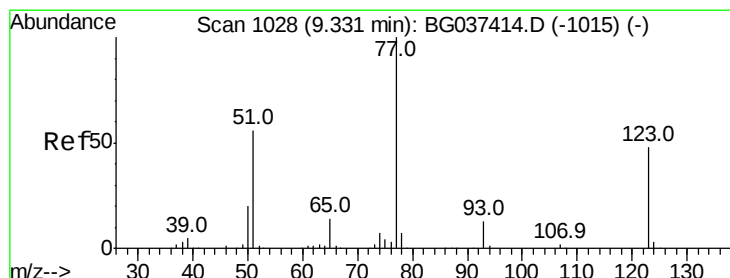
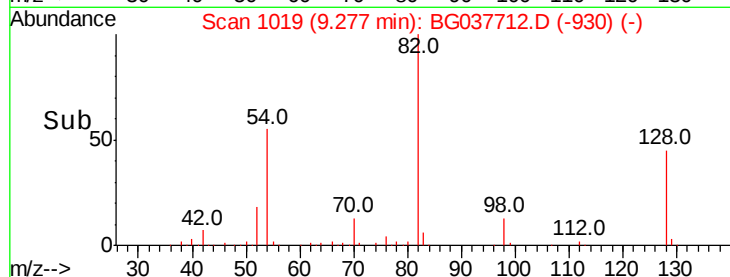
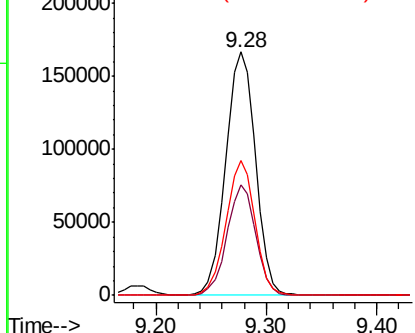
#23
 Nitrobenzene-d5
 Concen: 75.191 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion: 82 Resp: 315283
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 51.8
 54 55.4 45.3 67.9

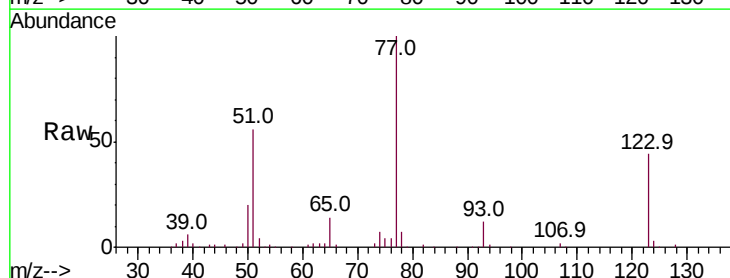


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

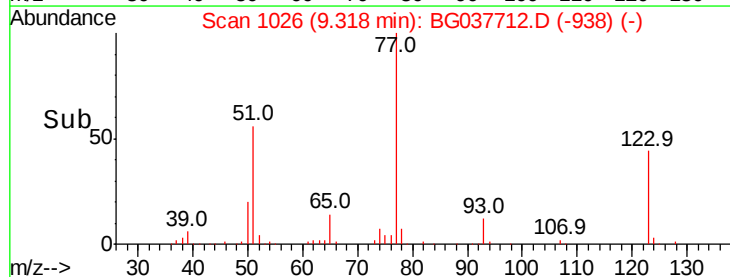
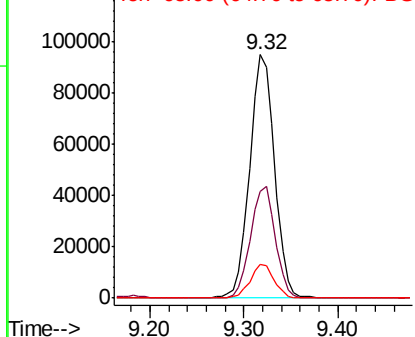


#24
 Nitrobenzene
 Concen: 40.012 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Tgt Ion: 77 Resp: 174292
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.6 50.4
 65 13.6 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: 43.316 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

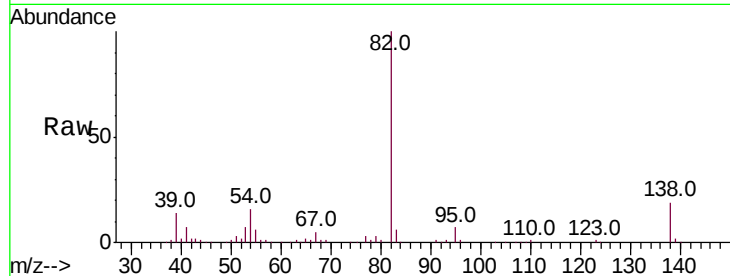
Tot Ion: 82 Resp: 331866

Ion Ratio Lower Upper

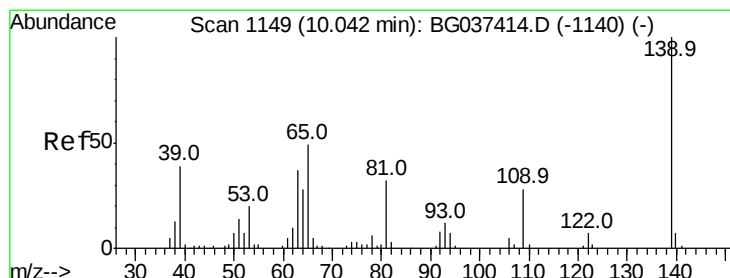
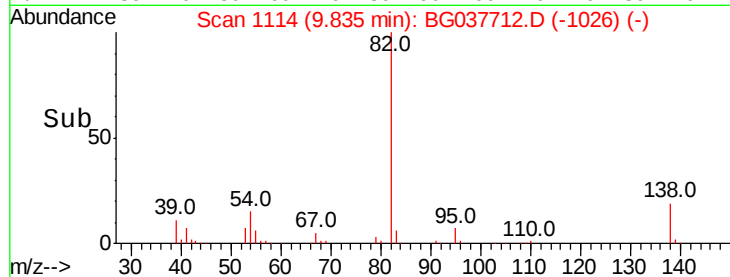
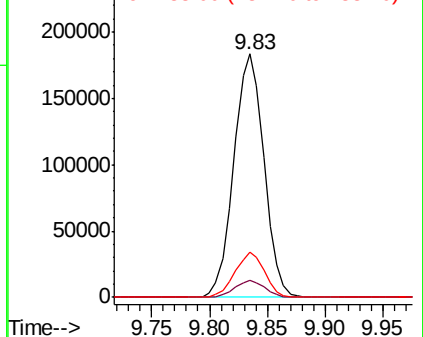
82 100

95 7.2 5.3 7.9

138 18.7 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: 44.097 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

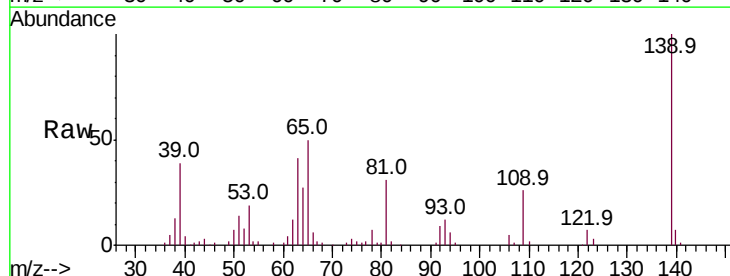
Tgt Ion: 139 Resp: 86534

Ion Ratio Lower Upper

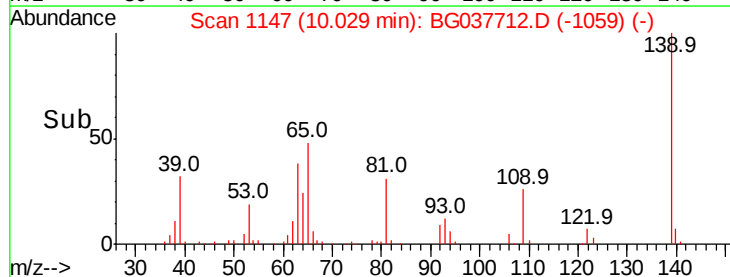
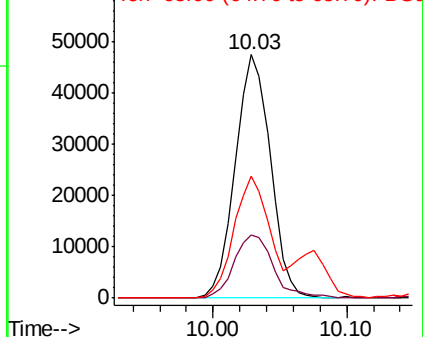
139 100

109 25.8 23.3 34.9

65 50.2 39.8 59.8



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

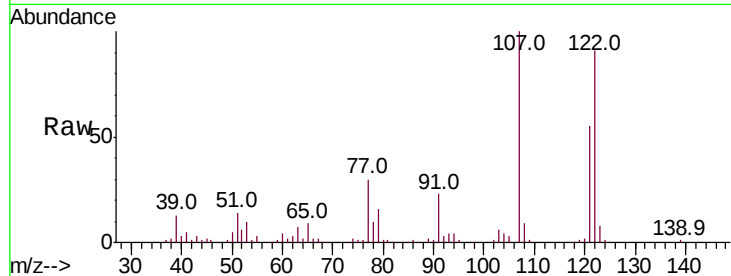




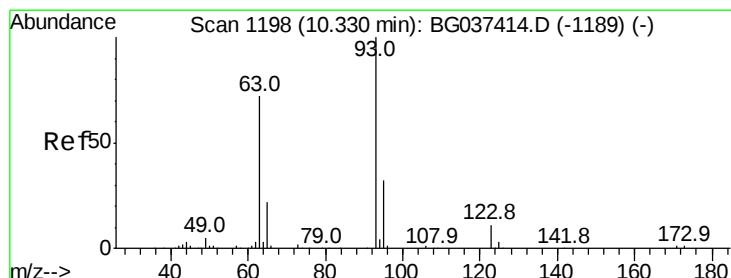
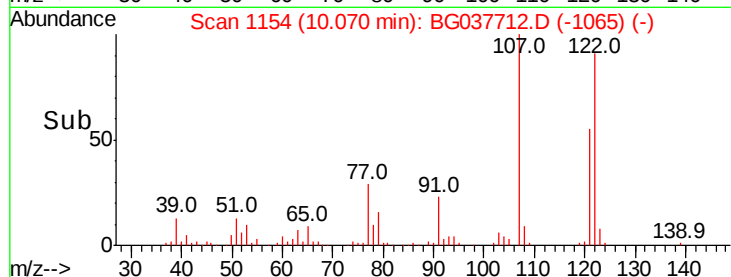
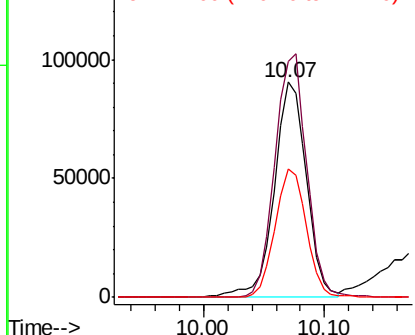
#27
2,4-Dimethylphenol
Concen: 47.391 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:122 Resp: 166044
Ion Ratio Lower Upper
122 100
107 109.6 94.2 141.2
121 59.7 47.3 70.9

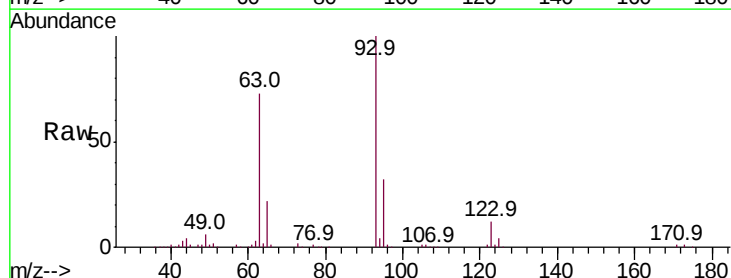


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

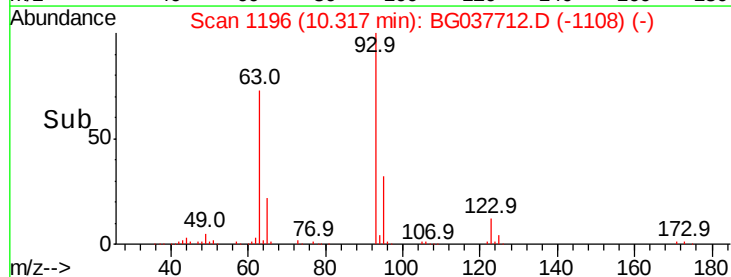
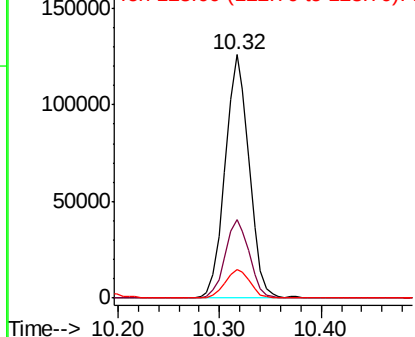


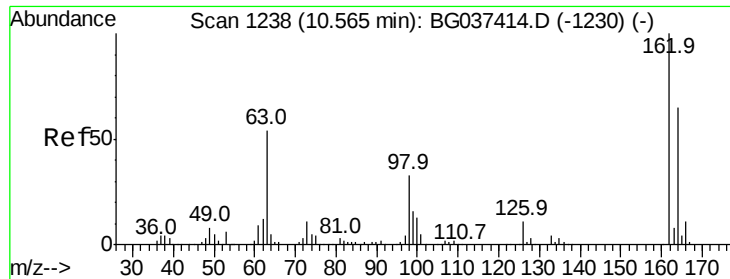
#28
bis(2-Chloroethoxy)methane
Concen: 41.134 ng
RT: 10.32 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion: 93 Resp: 206478
Ion Ratio Lower Upper
93 100
95 32.5 24.6 37.0
123 11.7 9.1 13.7



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

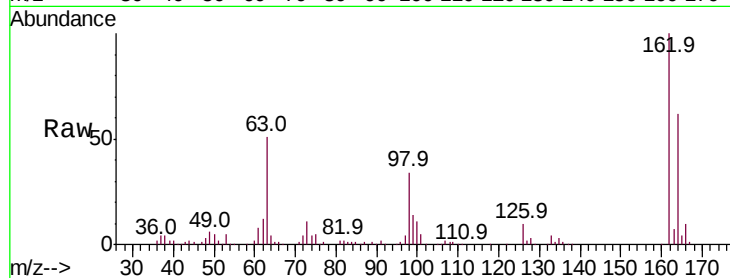




#29
 2,4-Dichlorophenol
 Concen: 43.021 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	43.2	83.2
98	33.7	16.0	56.0

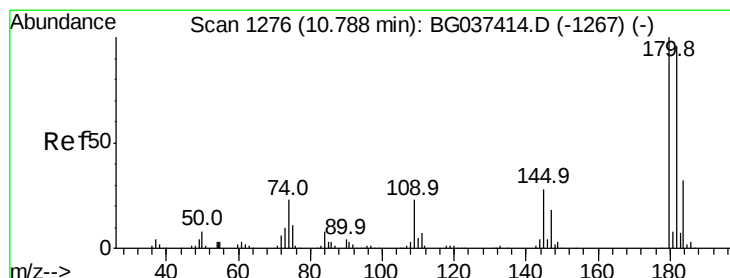
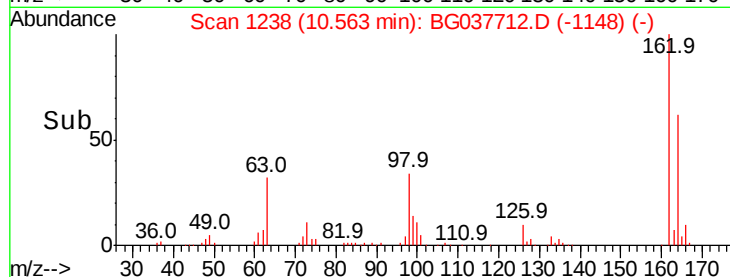
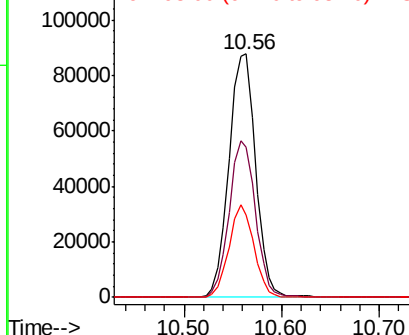


Abundance

Ion 162.00 (161.70 to 162.70): E

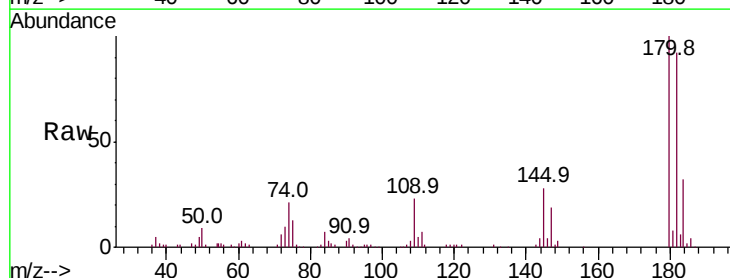
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 37.342 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	77.7	116.5
145	28.2	23.3	34.9

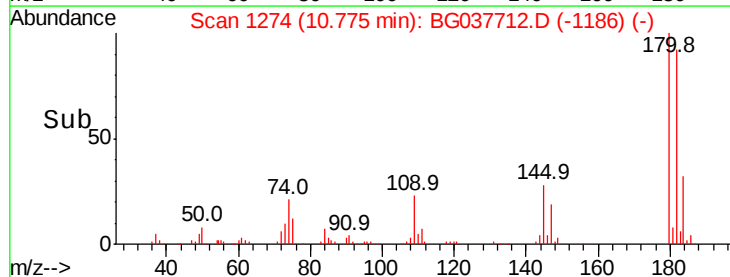
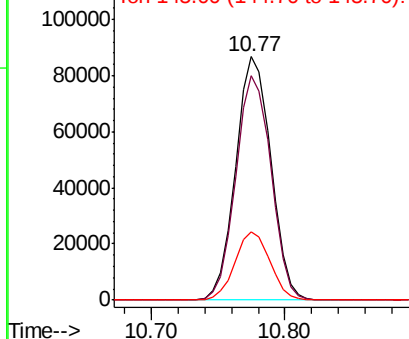


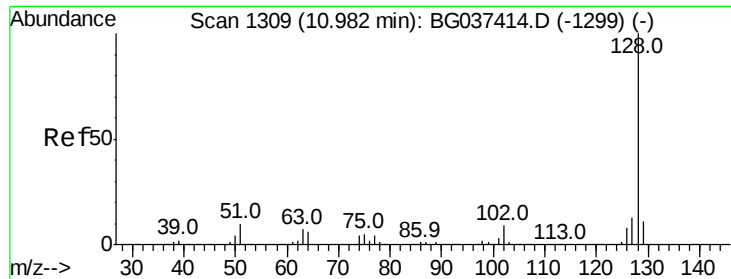
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

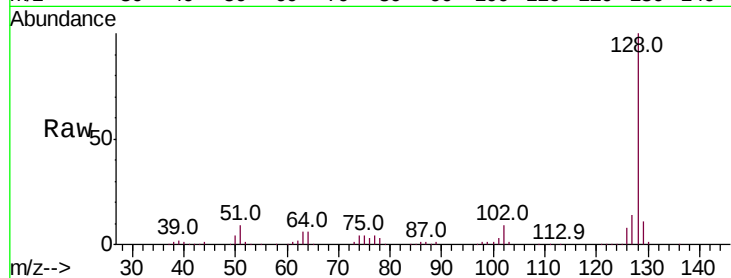




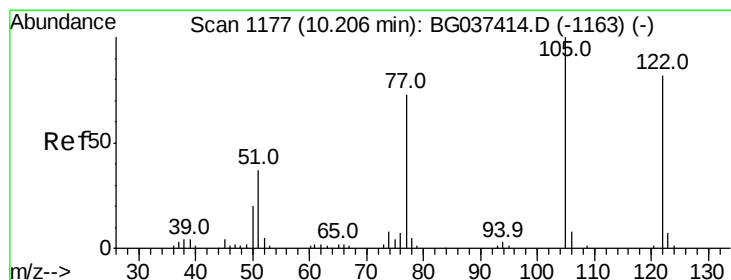
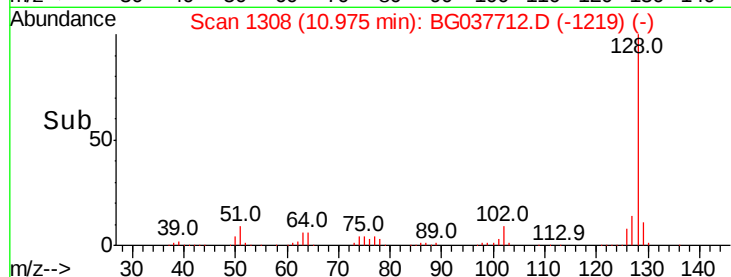
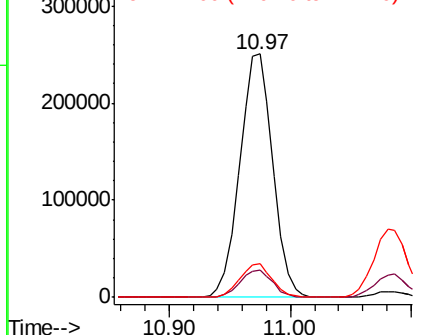
#31
Naphthalene
Concen: 41.109 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:128 Resp: 474295
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 11.1 16.7

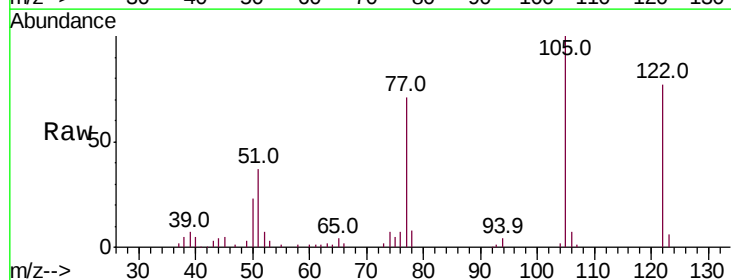


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

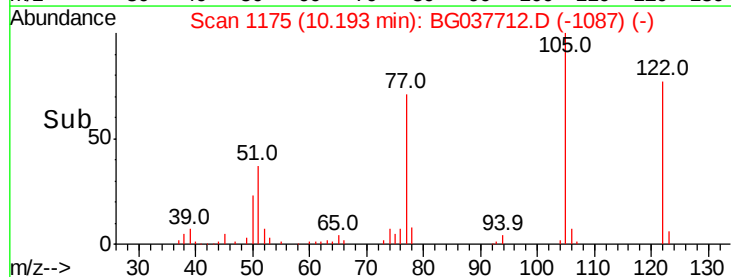
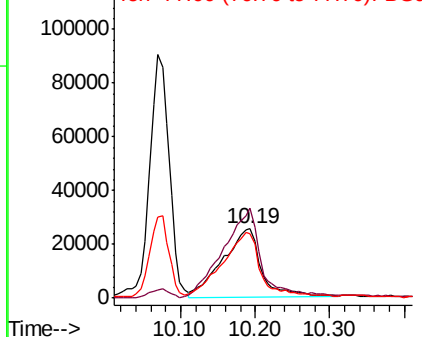


#32
Benzoic acid
Concen: 40.374 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:122 Resp: 91880
Ion Ratio Lower Upper
122 100
105 130.1 106.7 146.7
77 92.5 72.2 112.2



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

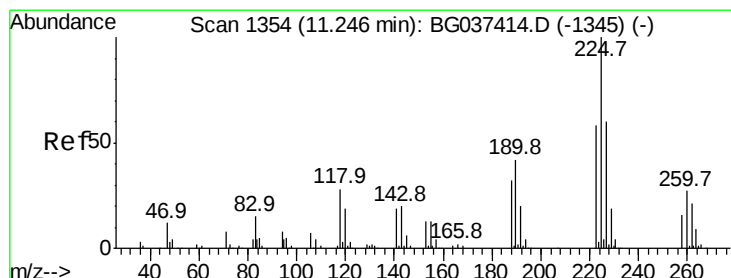
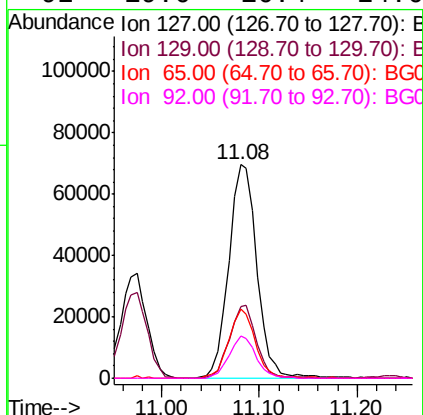
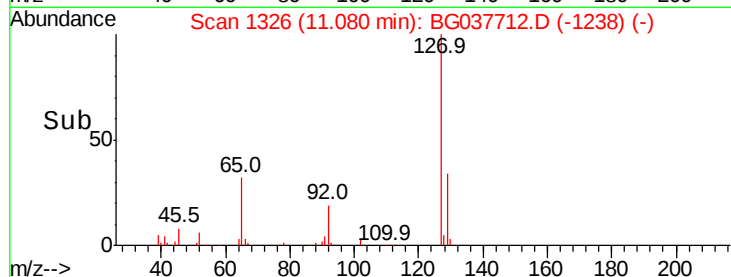
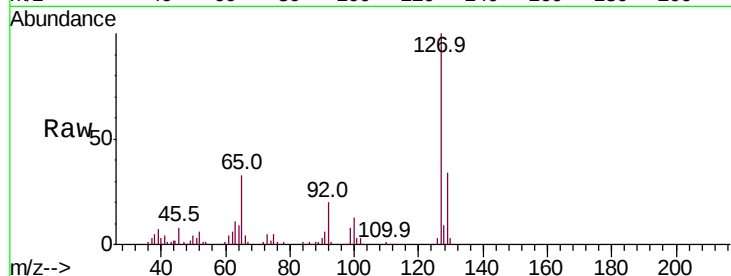




#33
4-Chloroaniline
Concen: 25.661 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

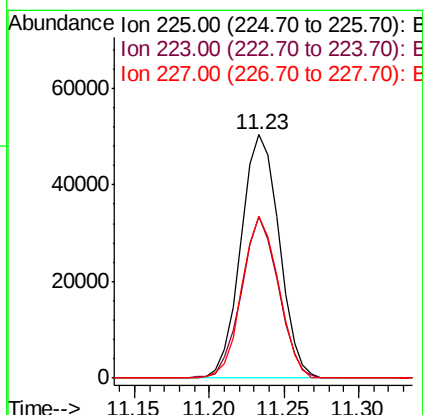
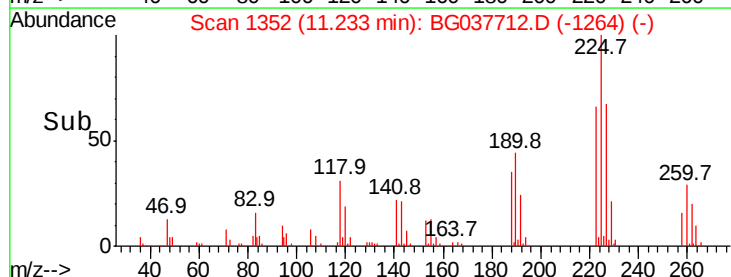
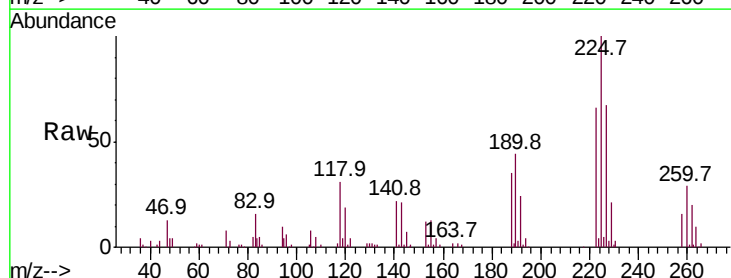
Instrument :
BNA_G
ClientSampleId :
PB114346BS

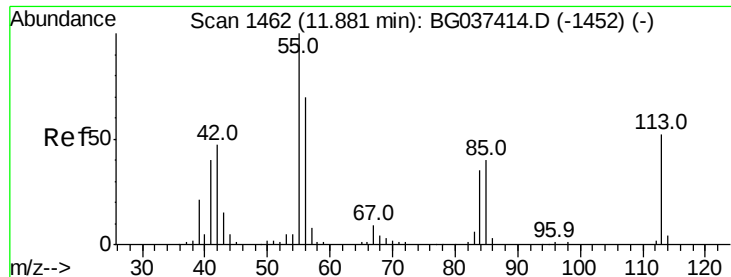
Tot Ion:	127	Resp:	139106
Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.1	40.7
65	32.6	26.6	39.8
92	19.6	16.4	24.6



#34
Hexachlorobutadiene
Concen: 35.583 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:	225	Resp:	89466
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.2	72.4
227	66.7	51.6	77.4

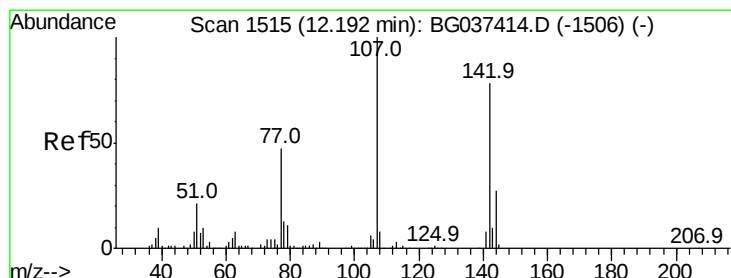
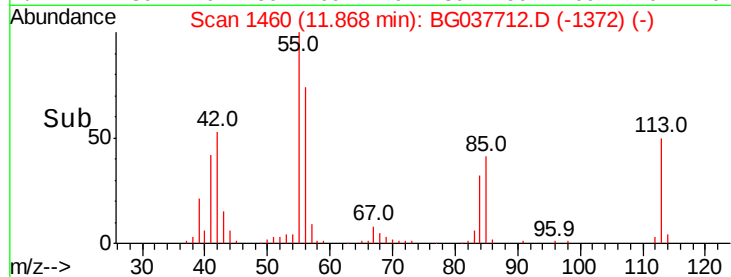
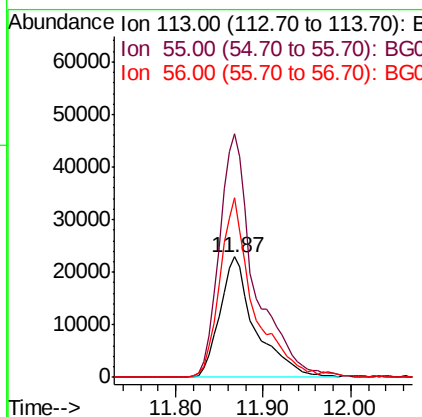
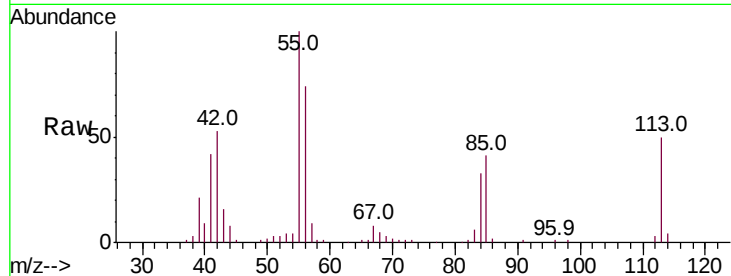




#35
 Caprolactam
 Concen: 40.746 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

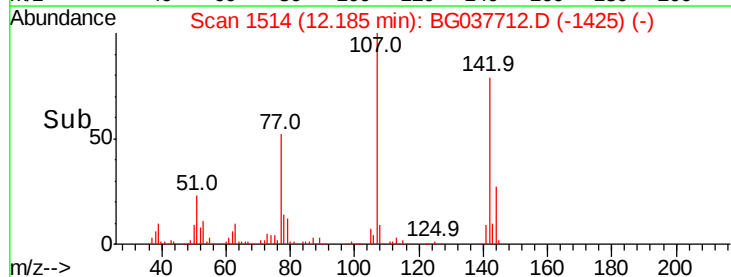
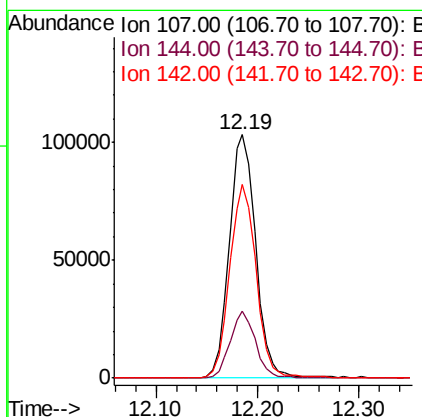
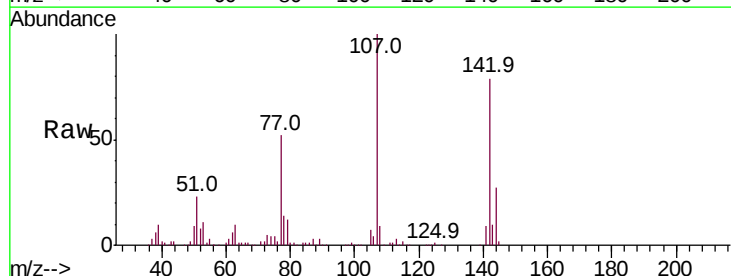
Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

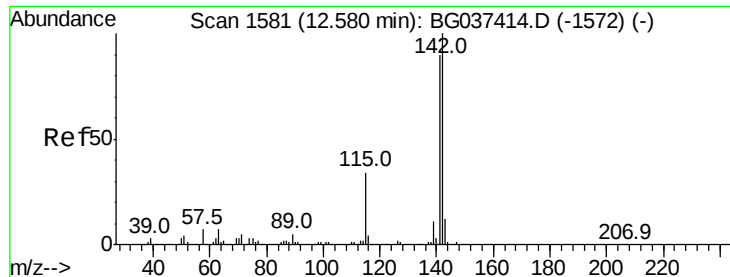
Tot Ion:113 Resp: 63751
 Ion Ratio Lower Upper
 113 100
 55 202.0 176.6 216.6
 56 149.3 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.523 ng
 RT: 12.19 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Tgt Ion:107 Resp: 187080
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.7 31.1
 142 79.4 64.4 96.6

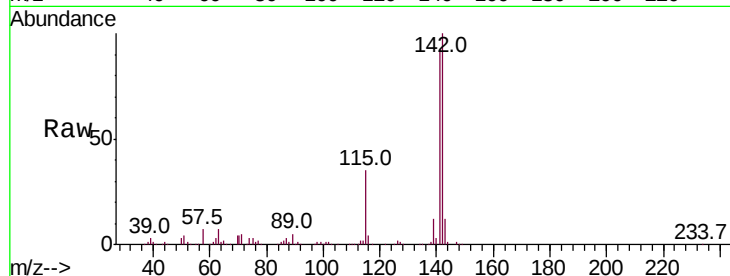




#37
2-Methylnaphthalene
Concen: 43.225 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.9	107.9
115	35.2	27.8	41.8

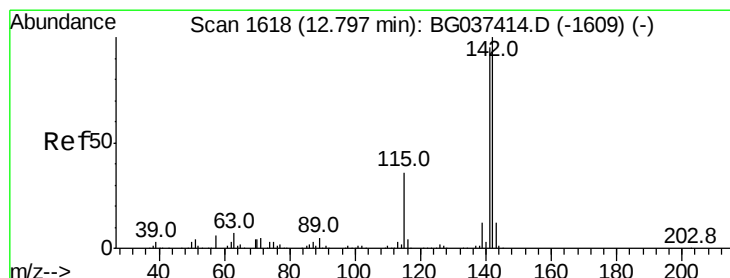
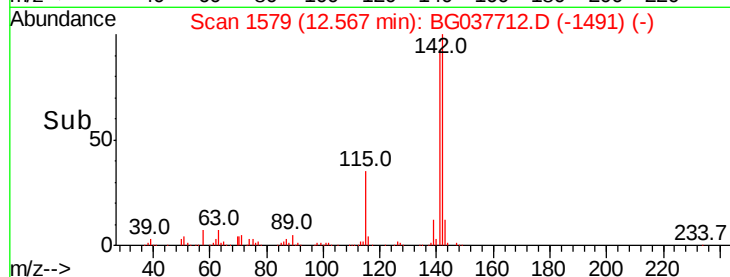
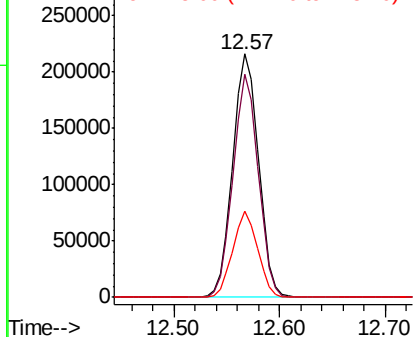


Abundance

Ion 142.00 (141.70 to 142.70): E

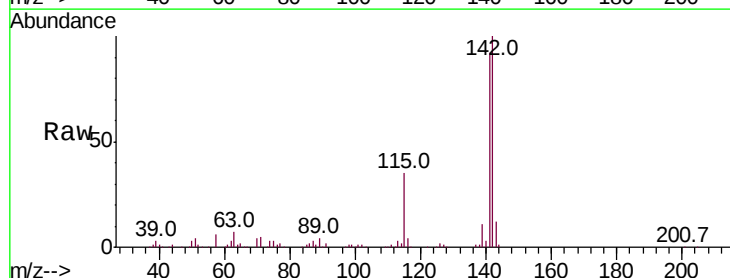
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.330 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.2	112.8
116	4.2	3.3	4.9

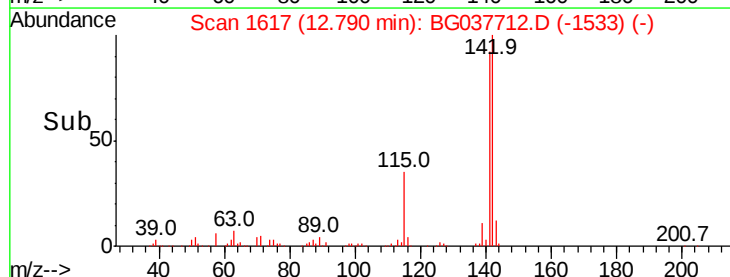
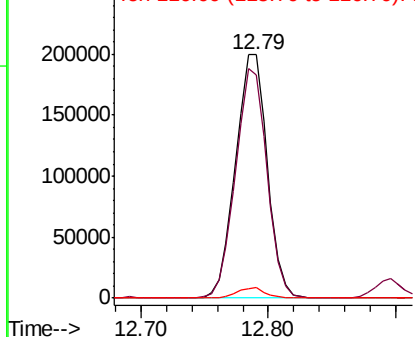


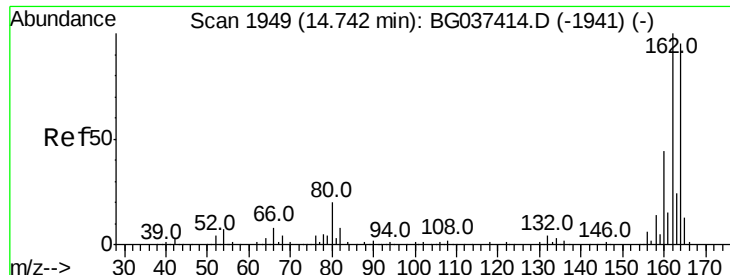
Abundance

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: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

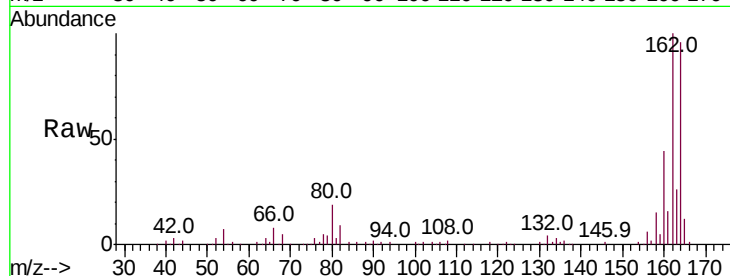
Tot Ion:164 Resp: 160931

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

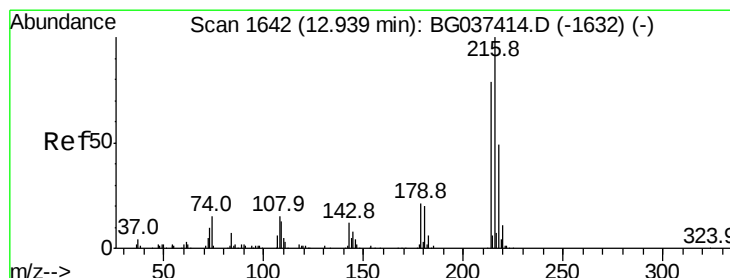
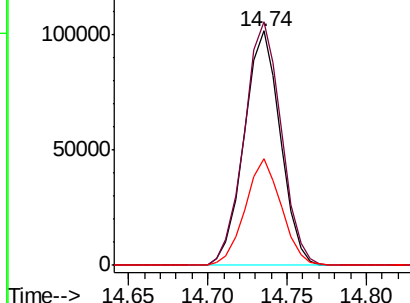
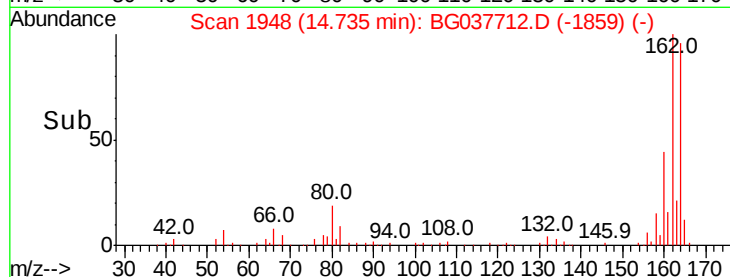
160 45.6 36.3 54.5



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: 35.533 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Tgt Ion:216 Resp: 184450

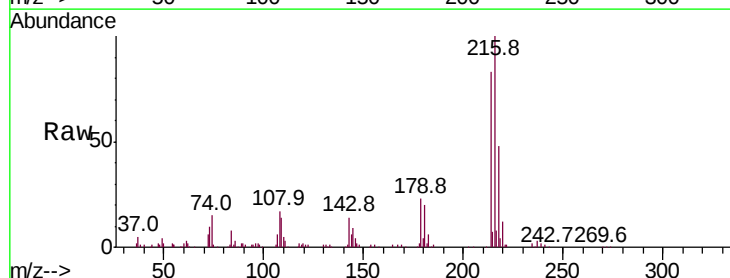
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 21.8 17.4 26.0

108 19.4 13.9 20.9

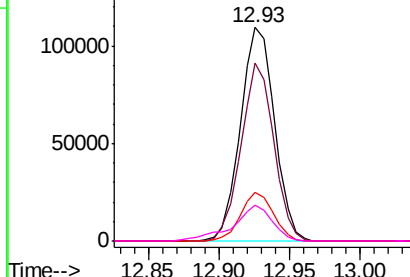
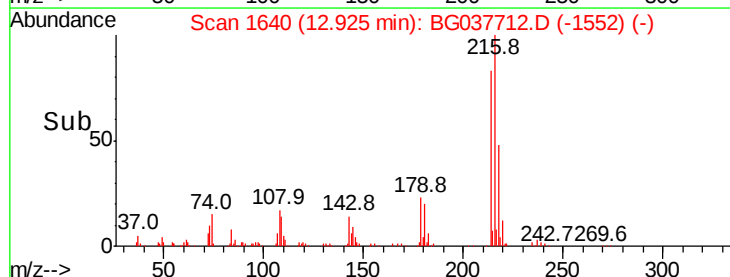


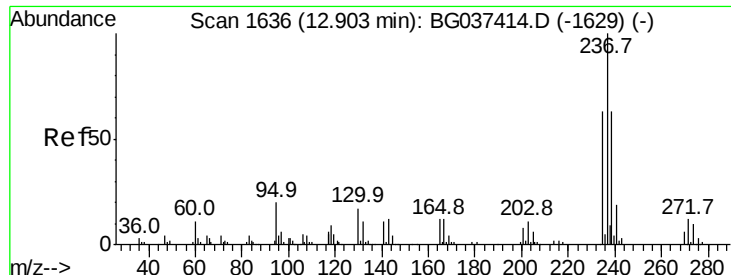
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.256 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

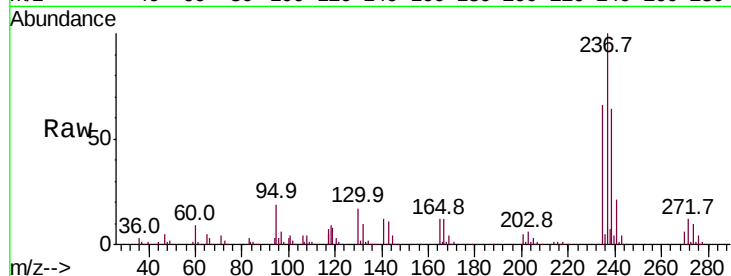
BNA_G

ClientSampleId :

PB114346BS

Tot Ion:237 Resp: 213878

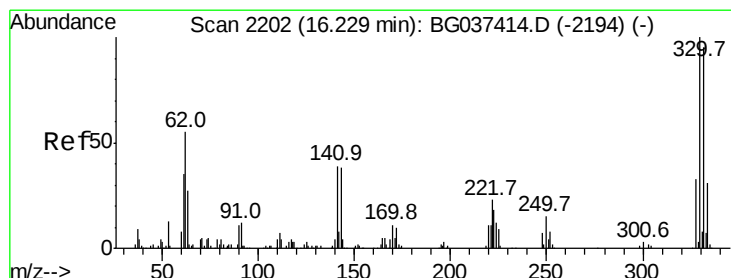
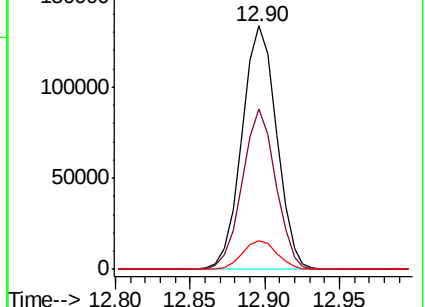
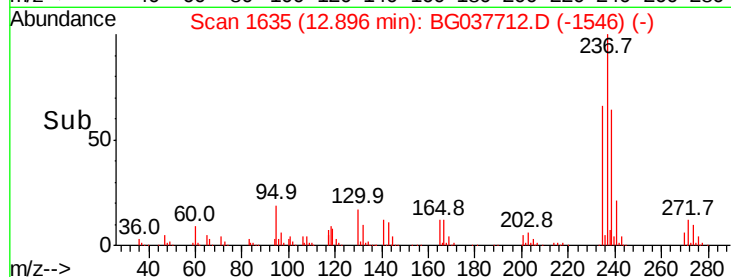
Ion	Ratio	Lower	Upper
237	100		
235	65.7	42.5	82.5
272	11.9	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.894 ng

RT: 16.22 min Scan# 2201

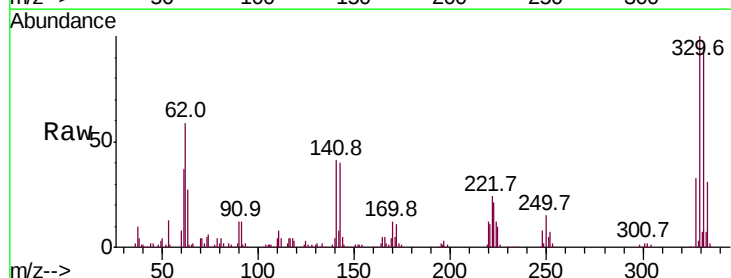
Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Tgt Ion:330 Resp: 222731

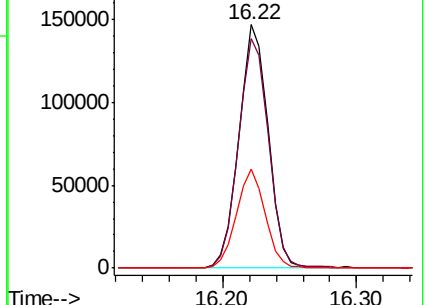
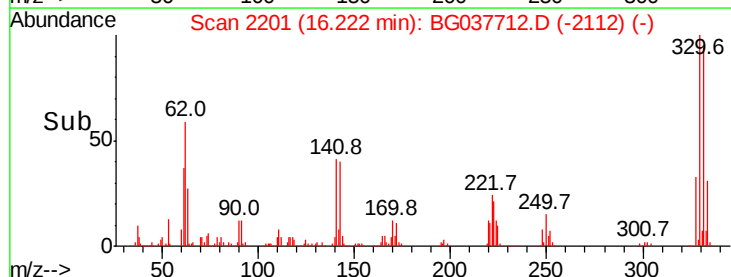
Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.4	117.6
141	40.2	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

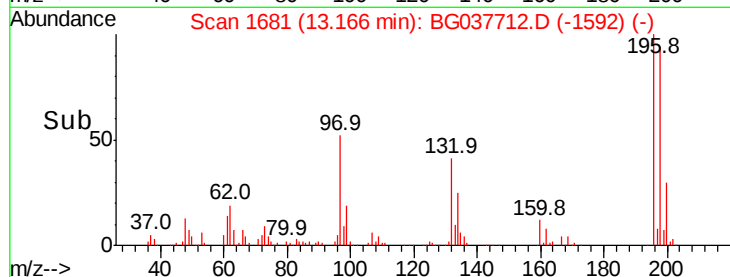
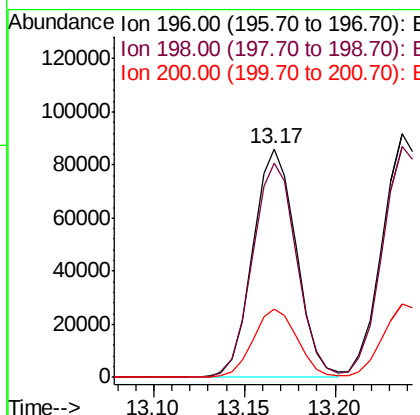
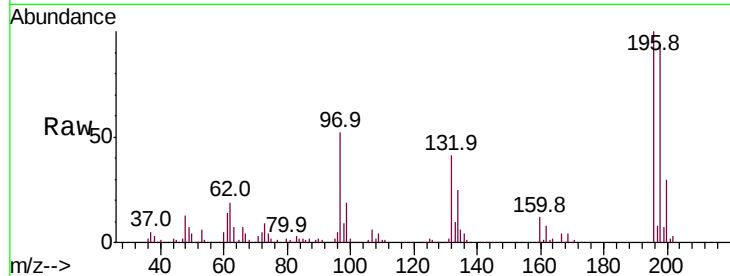




#43
 2,4,6-Trichlorophenol
 Concen: 41.195 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

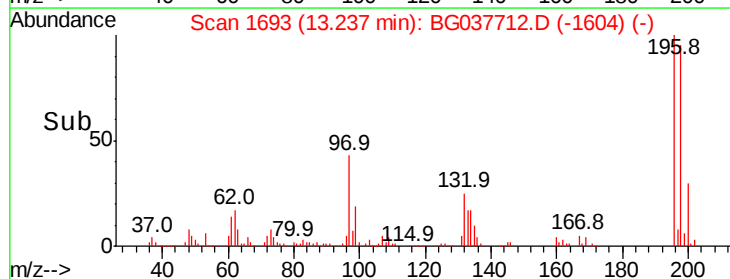
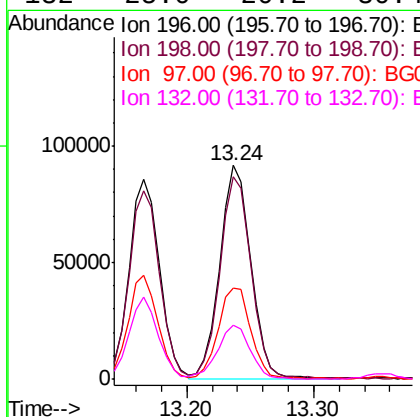
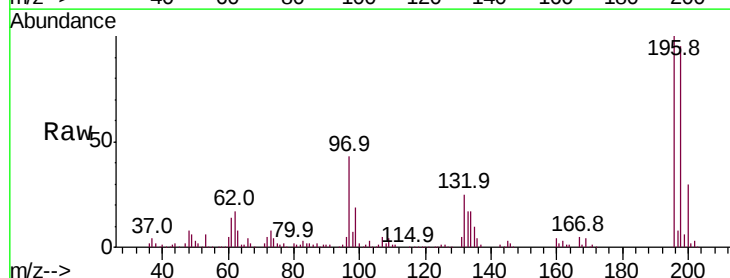
Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion:196 Resp: 142863
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.4 114.6
 200 29.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.160 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Tgt Ion:196 Resp: 155410
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.2
 97 42.6 34.1 51.1
 132 25.0 20.2 30.4

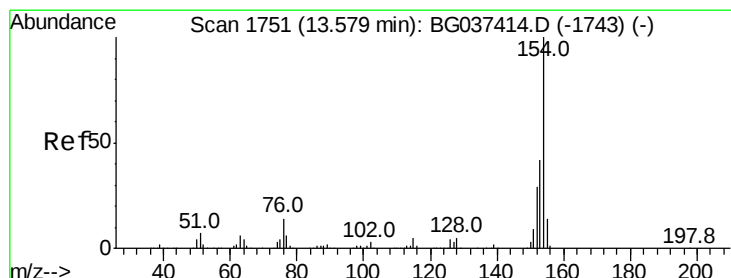
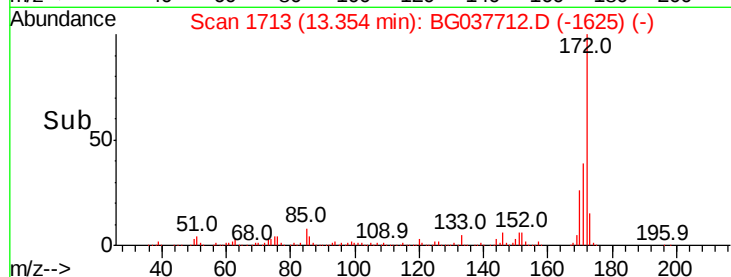
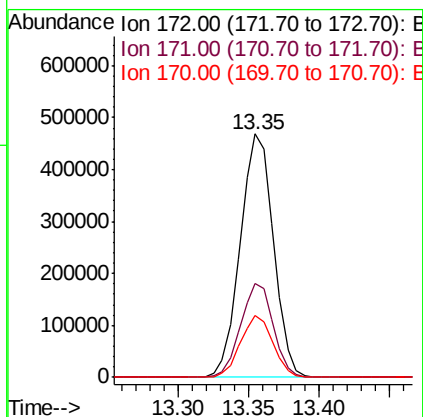
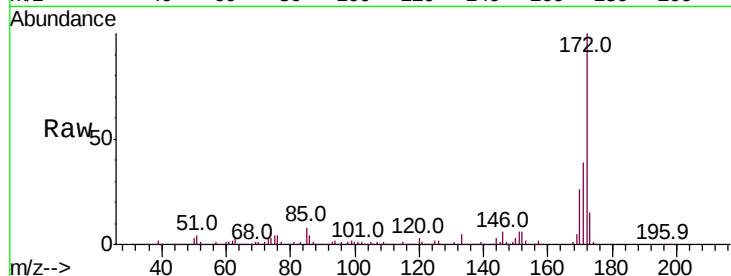




#45
2-Fluorobiphenyl
Concen: 72.168 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

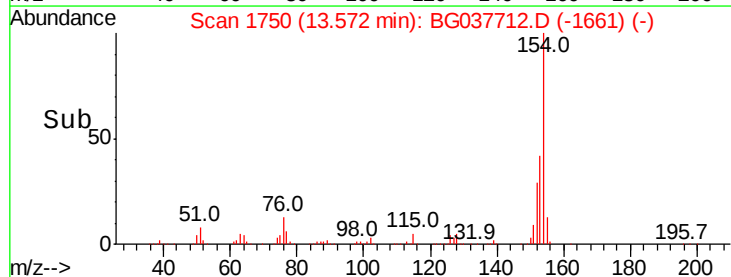
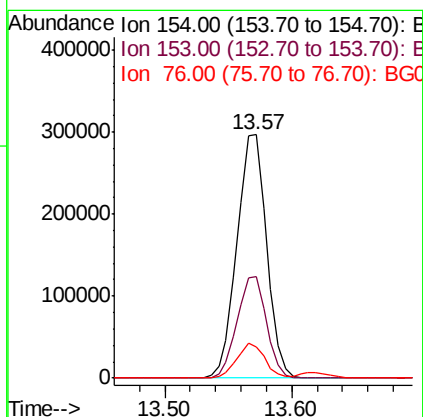
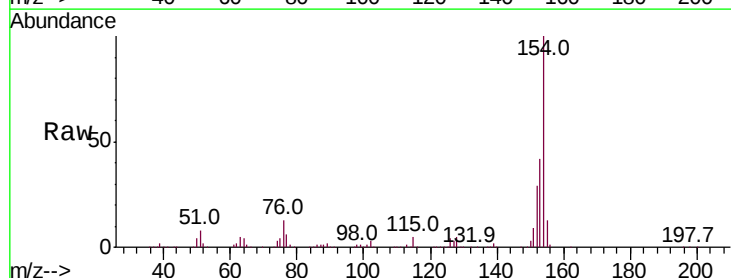
Instrument :
BNA_G
ClientSampleId :
PB114346BS

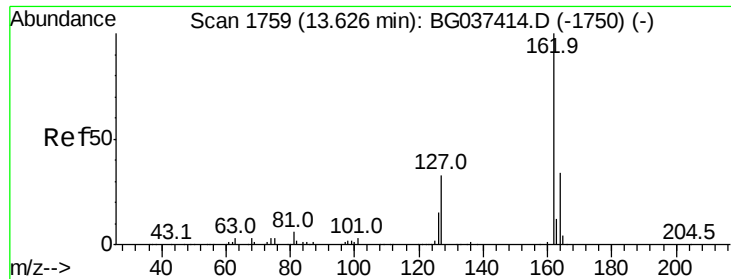
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.6	20.2	30.2



#46
1,1'-Biphenyl
Concen: 36.054 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	12.9	0.0	33.2

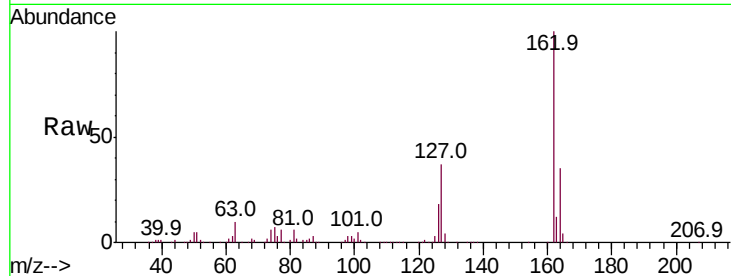




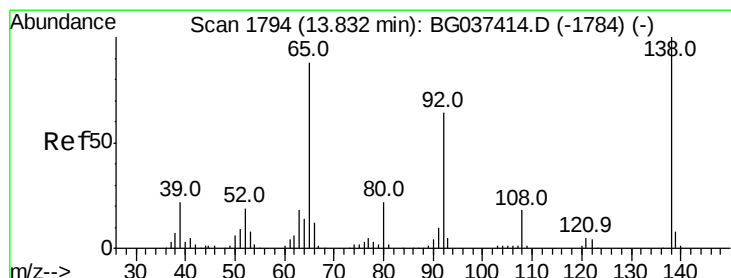
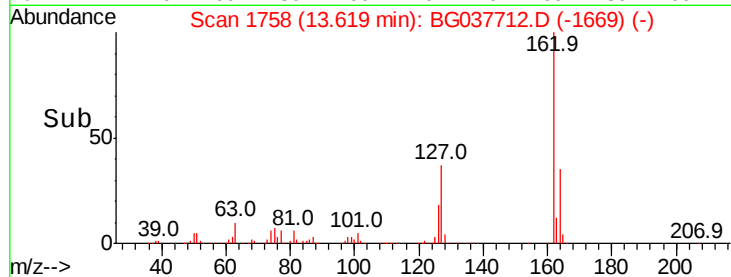
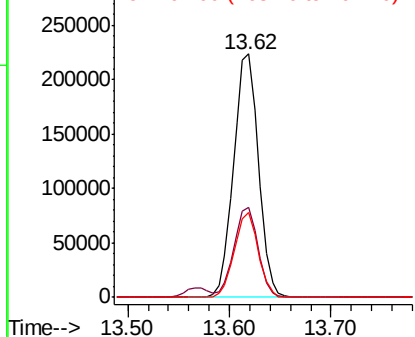
#47
2-Chloronaphthalene
Concen: 37.589 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:162 Resp: 379018
Ion Ratio Lower Upper
162 100
127 36.7 30.5 45.7
164 35.0 26.4 39.6

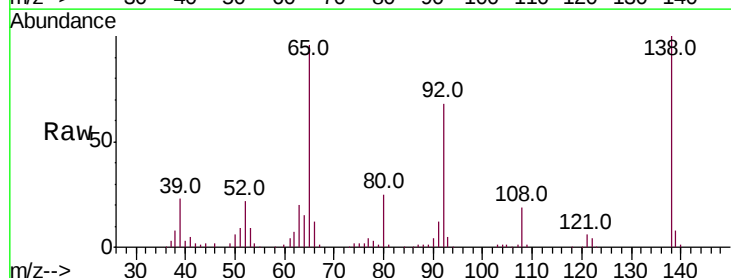


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

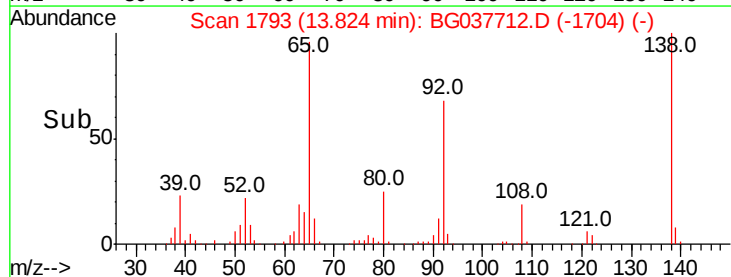
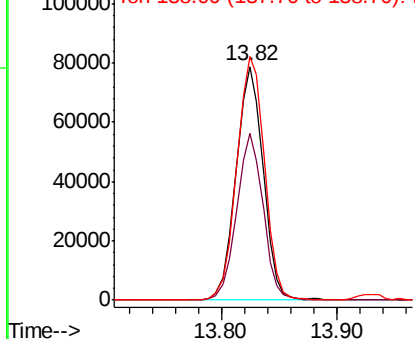


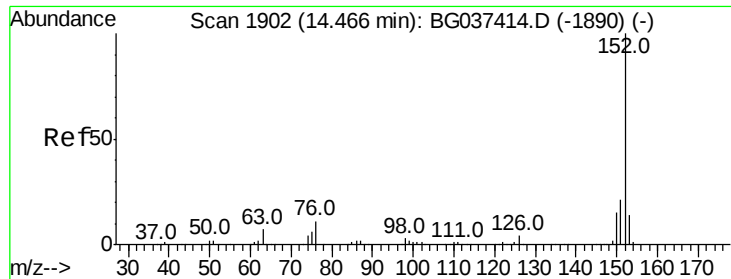
#48
2-Nitroaniline
Concen: 41.895 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion: 65 Resp: 128102
Ion Ratio Lower Upper
65 100
92 71.1 53.2 79.8
138 104.2 79.3 118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.217 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

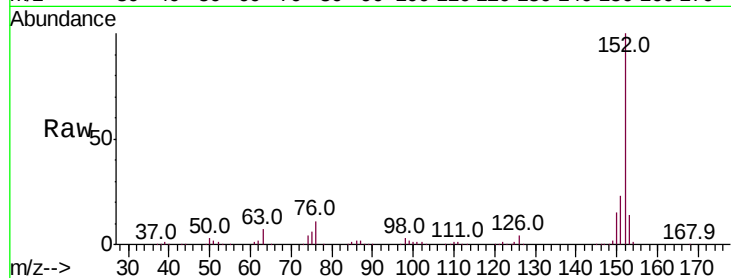
Tot Ion:152 Resp: 625163

Ion Ratio Lower Upper

152 100

151 22.6 17.1 25.7

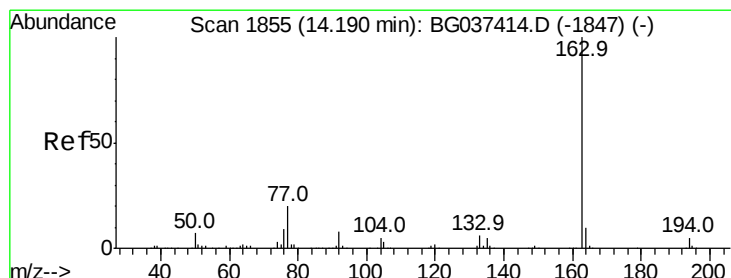
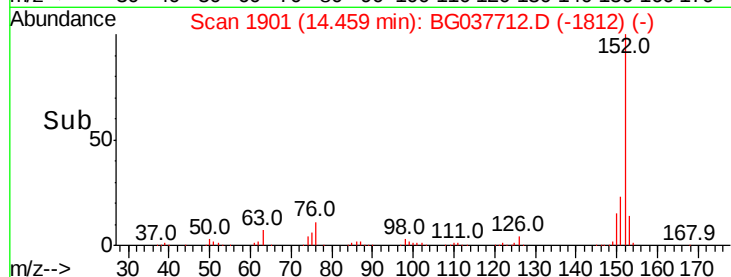
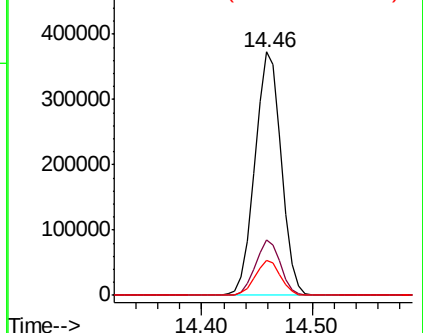
153 14.2 11.1 16.7



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: 40.129 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

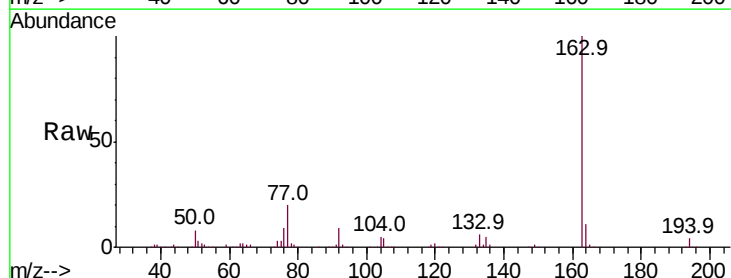
Tgt Ion:163 Resp: 499597

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

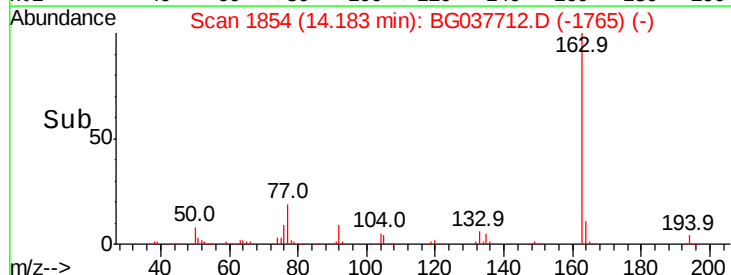
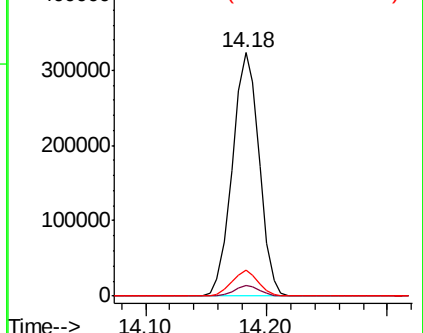
164 10.8 8.5 12.7

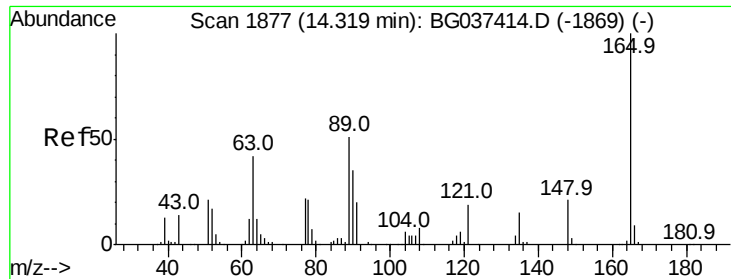


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

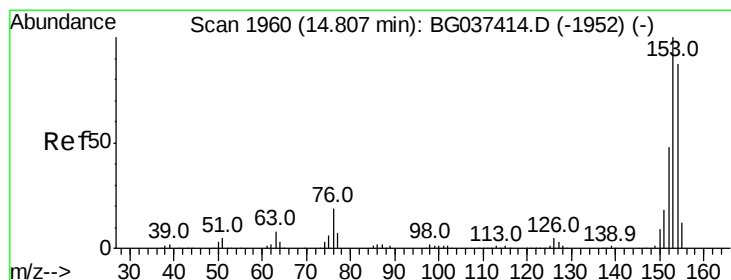
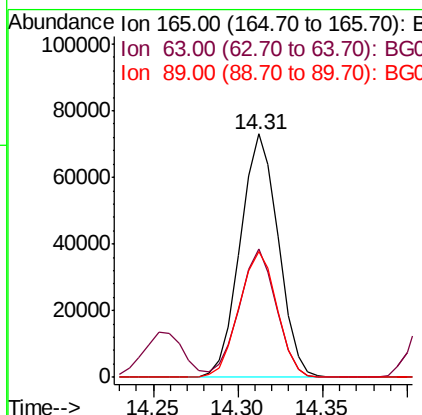
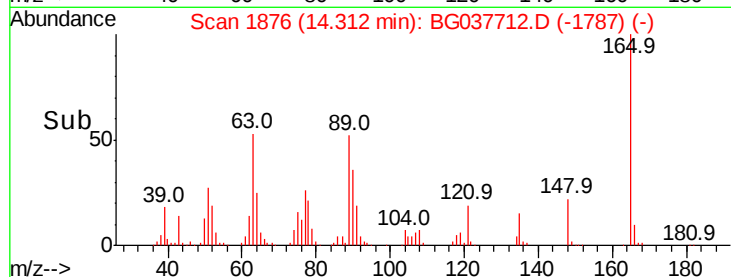
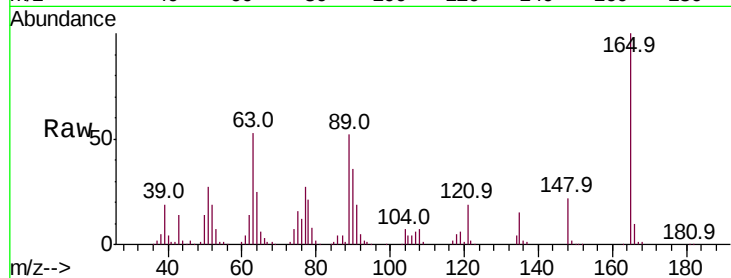




#51
2,6-Dinitrotoluene
Concen: 41.512 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

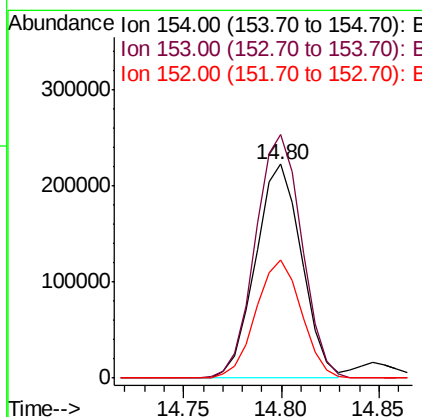
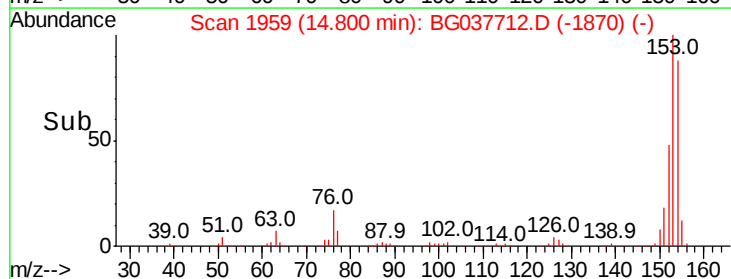
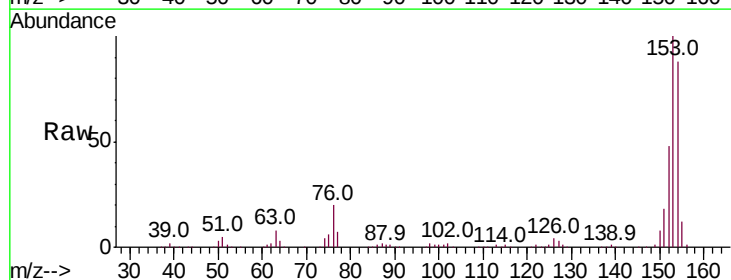
Instrument :
BNA_G
ClientSampled :
PB114346BS

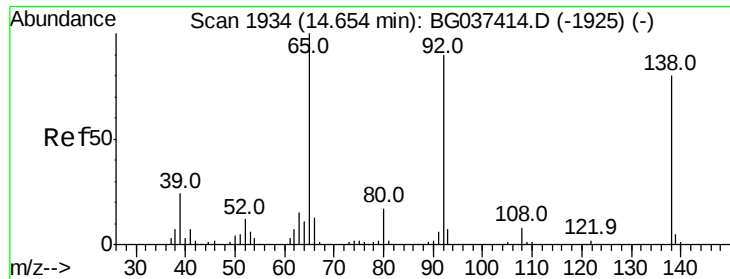
Tot Ion:165 Resp: 114331
Ion Ratio Lower Upper
165 100
63 53.0 43.4 65.2
89 51.6 45.8 68.6



#52
Acenaphthene
Concen: 38.921 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:154 Resp: 363573
Ion Ratio Lower Upper
154 100
153 114.0 93.4 140.0
152 55.1 44.7 67.1





#53

3-Nitroaniline

Concen: 33.265 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

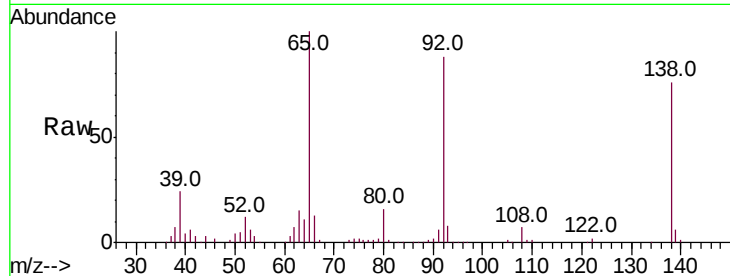
Tot Ion:138 Resp: 101707

Ion Ratio Lower Upper

138 100

108 9.6 11.0 16.6#

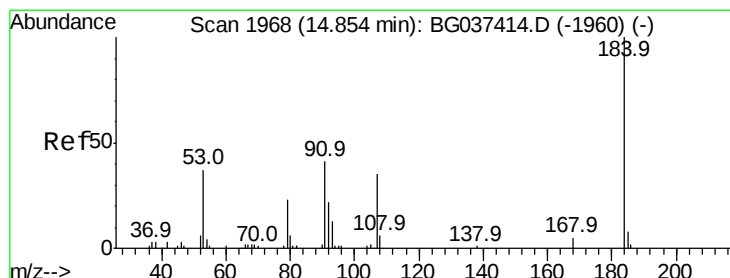
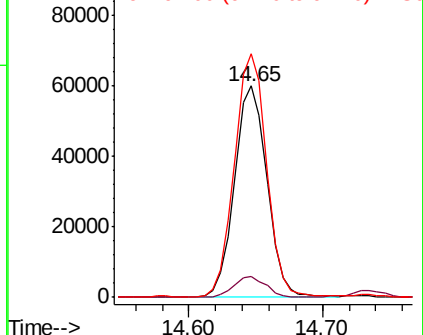
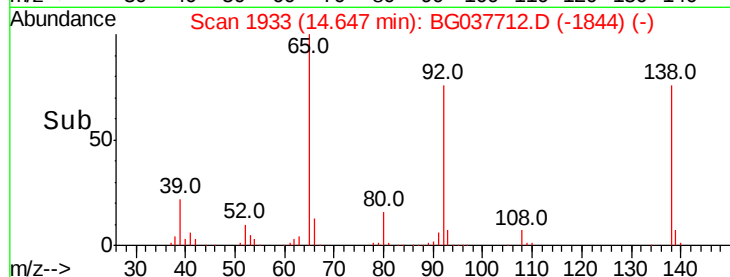
92 115.4 95.2 142.8



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: 52.557 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

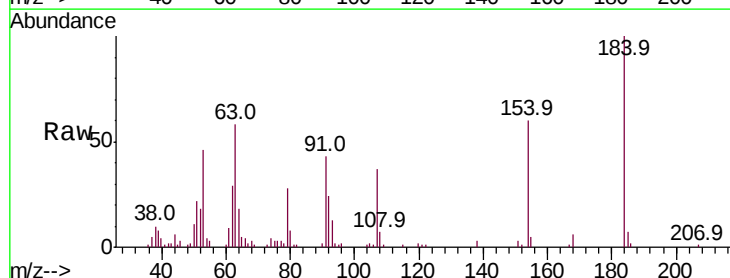
Tgt Ion:184 Resp: 49291

Ion Ratio Lower Upper

184 100

63 58.2 42.6 63.8

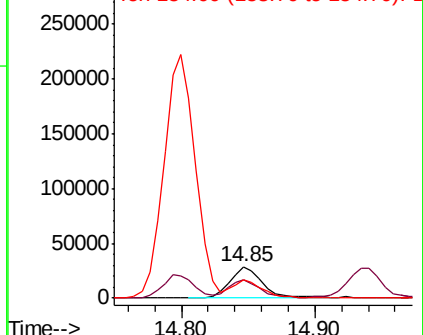
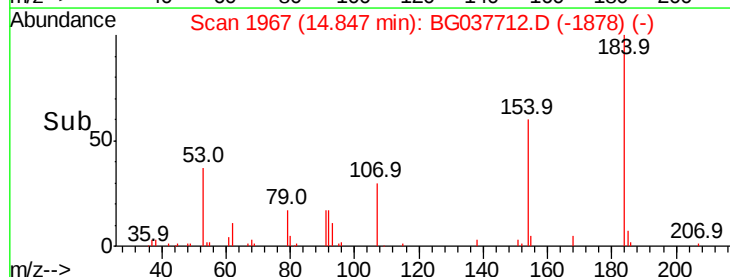
154 59.5 41.8 62.6

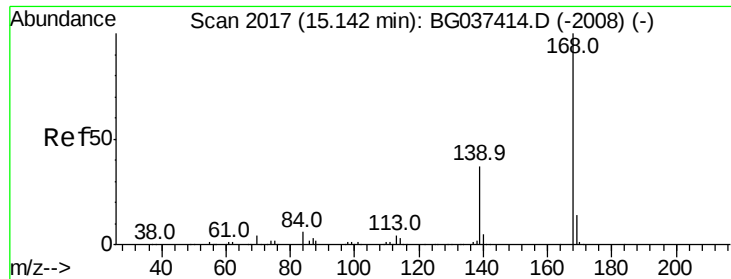


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.541 ng

RT: 15.13 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

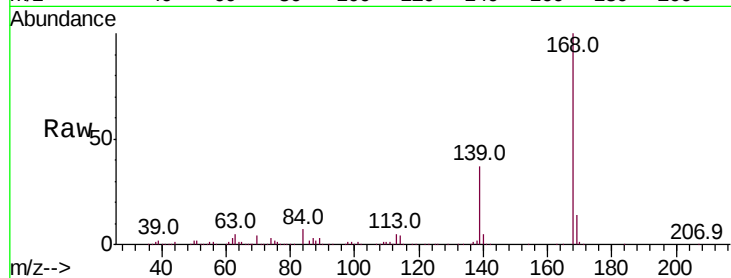
Tot Ion:168 Resp: 596492

Ion Ratio Lower Upper

168 100

139 37.3 29.4 44.0

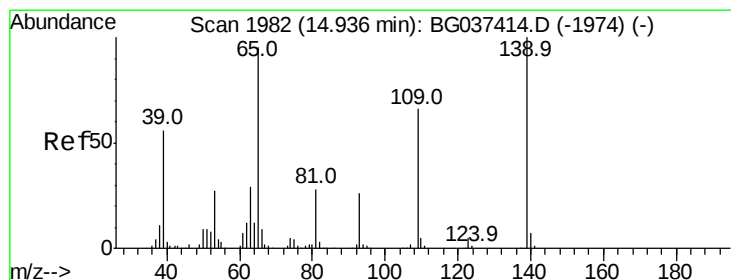
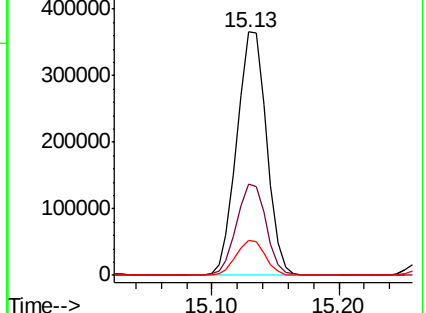
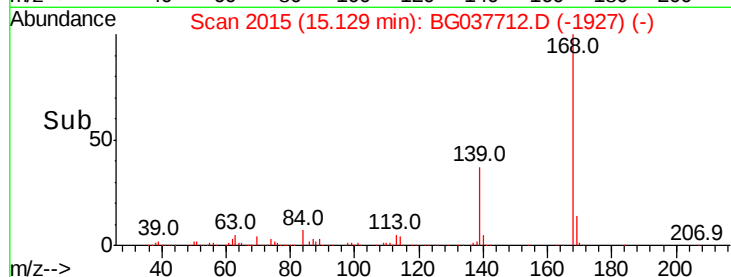
169 14.2 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.255 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

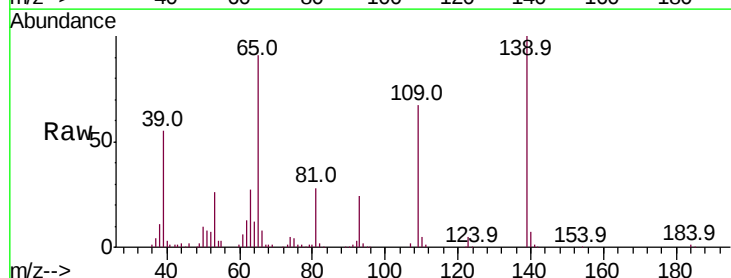
Tgt Ion:139 Resp: 181631

Ion Ratio Lower Upper

139 100

109 66.9 49.5 89.5

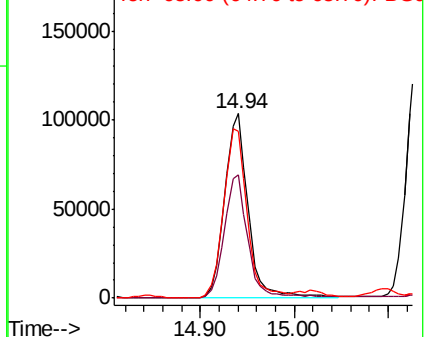
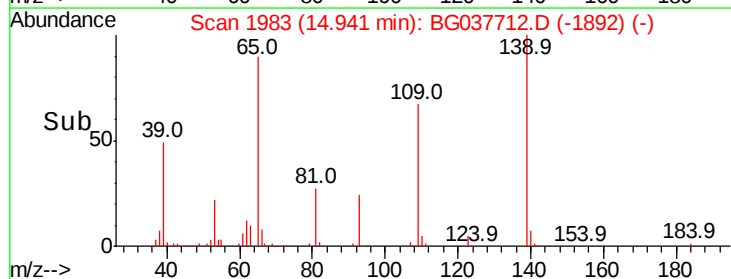
65 90.7 76.8 116.8

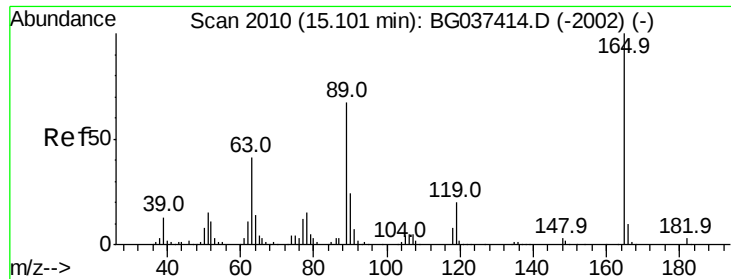


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

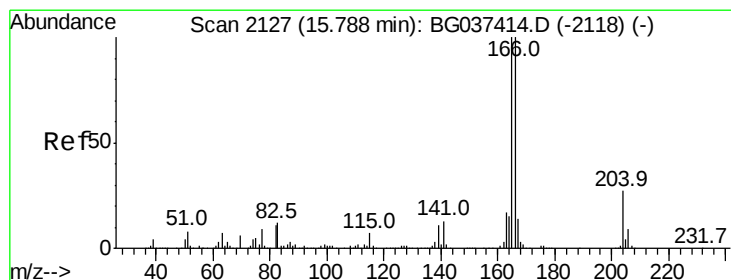
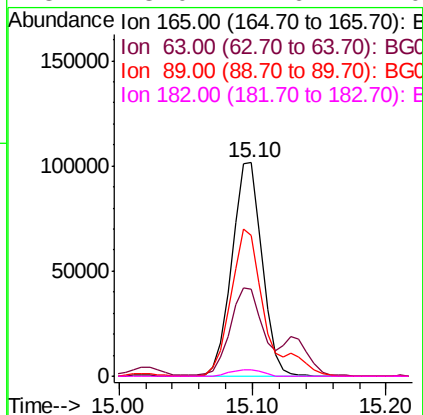
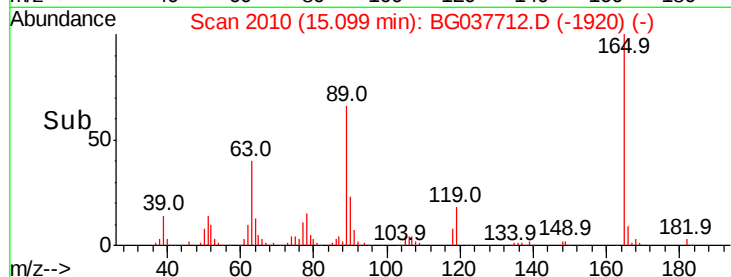
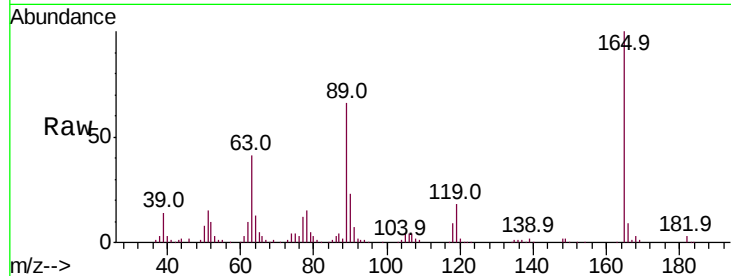




#57
 2,4-Dinitrotoluene
 Concen: 44.331 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

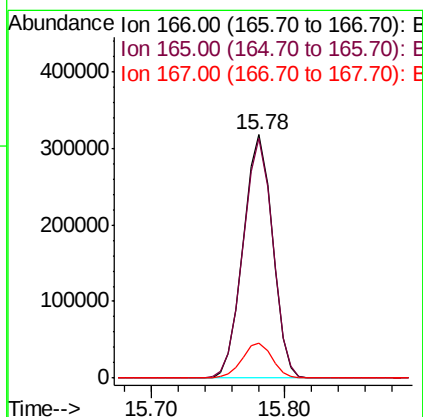
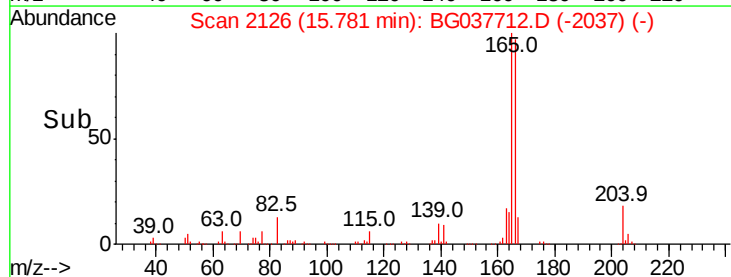
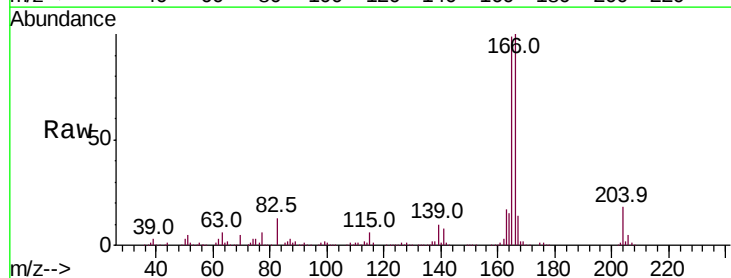
Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion:165 Resp: 160272
 Ion Ratio Lower Upper
 165 100
 63 40.5 33.4 50.0
 89 65.9 57.2 85.8
 182 3.0 2.6 4.0



#58
 Fluorene
 Concen: 41.709 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Tgt Ion:166 Resp: 483410
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.0 118.6
 167 14.5 11.3 16.9

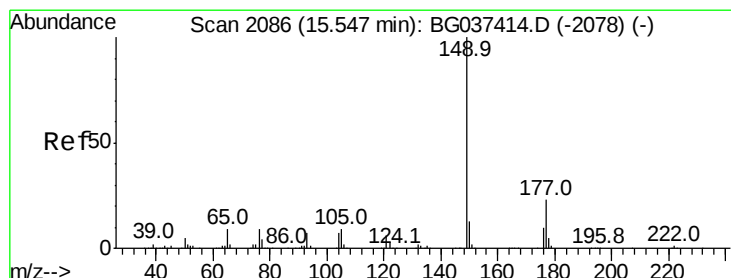
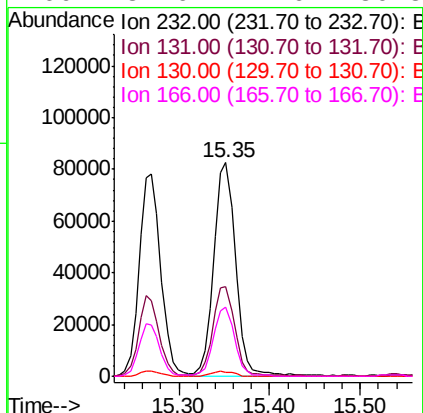
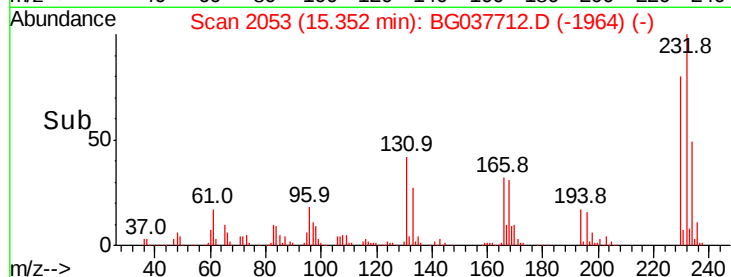
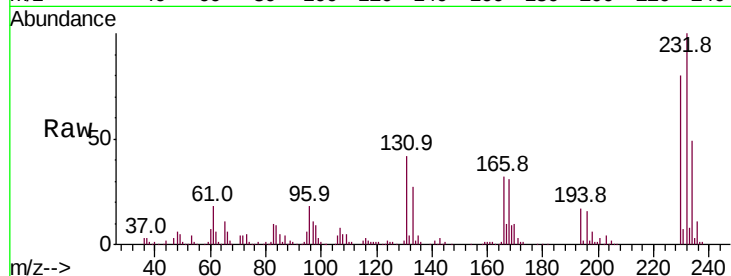




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.742 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

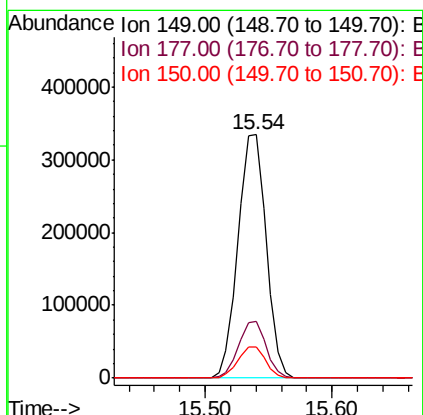
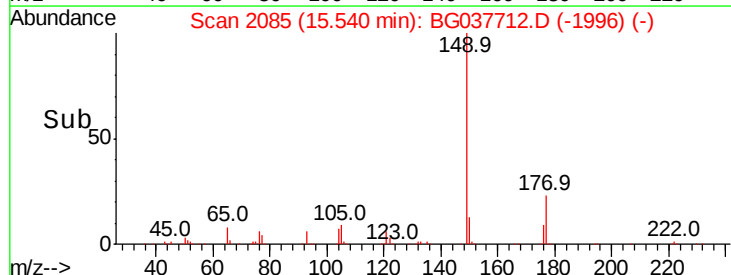
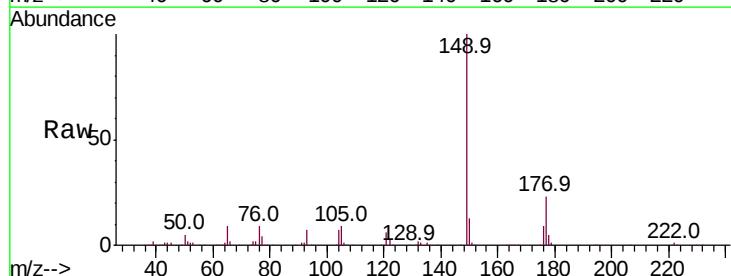
Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

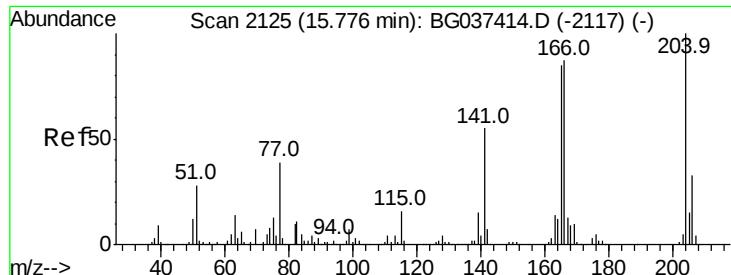
Tot Ion:232 Resp: 138179
 Ion Ratio Lower Upper
 232 100
 131 41.6 33.7 50.5
 130 2.2 2.1 3.1
 166 31.6 24.6 36.8



#60
 Diethylphthalate
 Concen: 40.278 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Tgt Ion:149 Resp: 514822
 Ion Ratio Lower Upper
 149 100
 177 23.1 18.3 27.5
 150 12.6 10.0 15.0

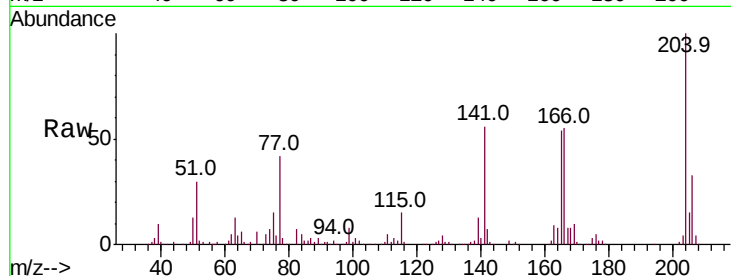




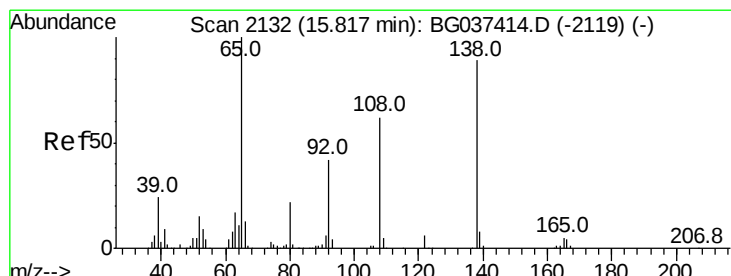
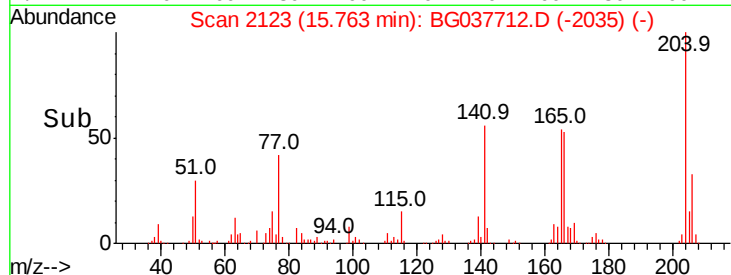
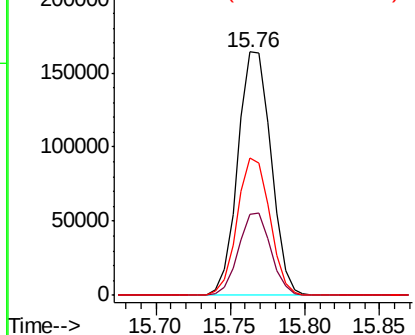
#61
 4-Chlorophenyl-phenylether
 Concen: 37.469 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion:204 Resp: 253120
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.6 39.8
 141 56.3 45.4 68.2

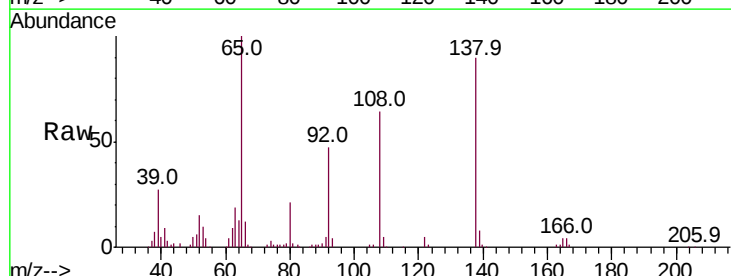


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

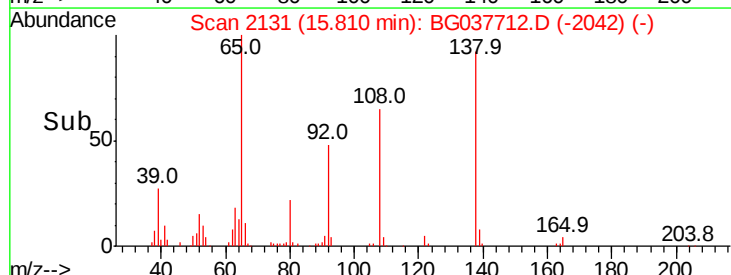
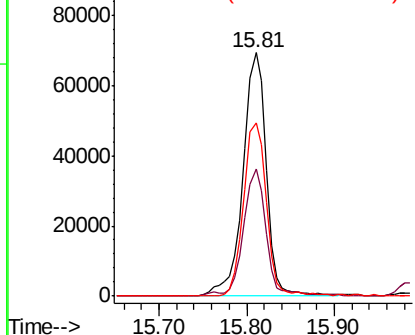


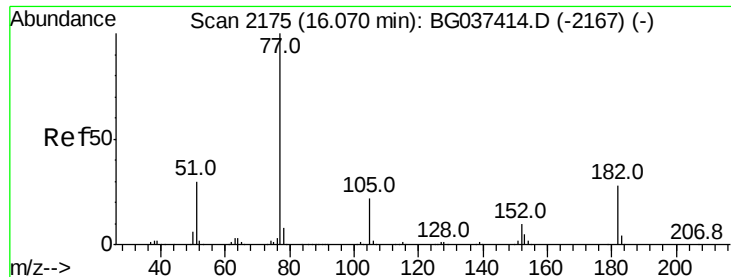
#62
 4-Nitroaniline
 Concen: 40.865 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Tgt Ion:138 Resp: 124153
 Ion Ratio Lower Upper
 138 100
 92 52.4 36.4 76.4
 108 70.9 60.1 100.1



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

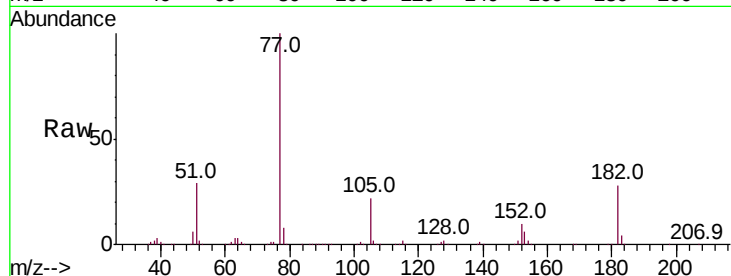




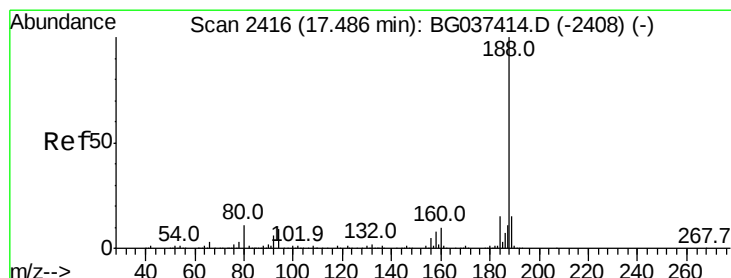
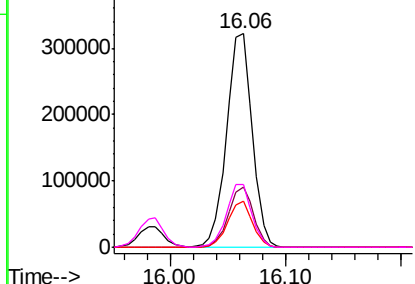
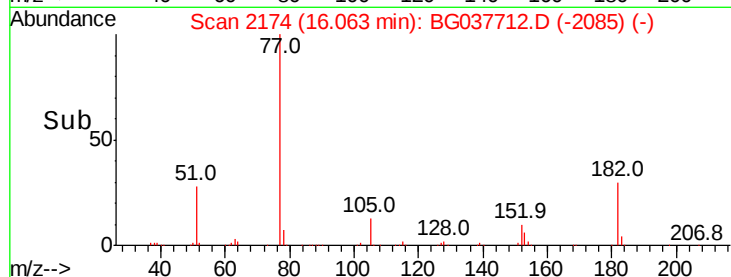
#63
Azobenzene
Concen: 40.393 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.0	48.0
105	21.6	1.3	41.3
51	29.2	10.7	50.7

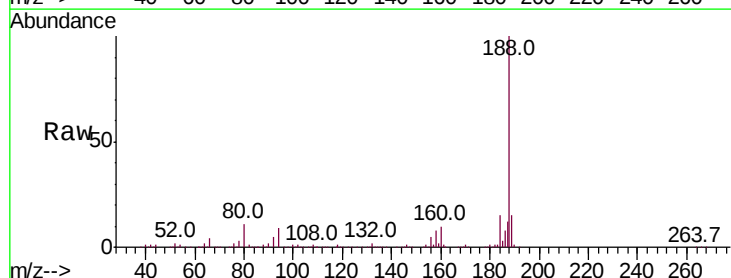


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

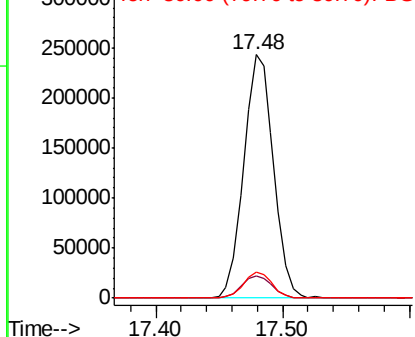
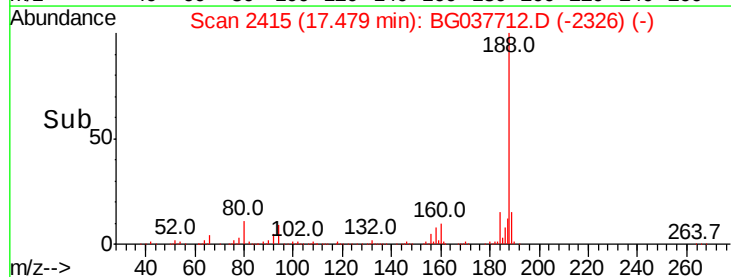


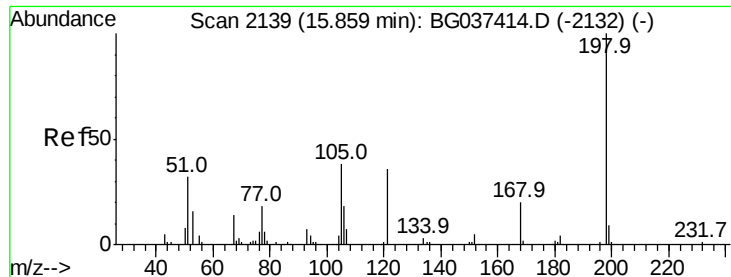
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.7	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: 32.141 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

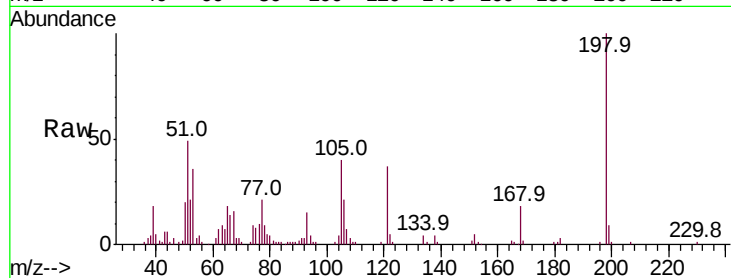
Tot Ion:198 Resp: 59575

Ion Ratio Lower Upper

198 100

51 49.0 22.7 62.7

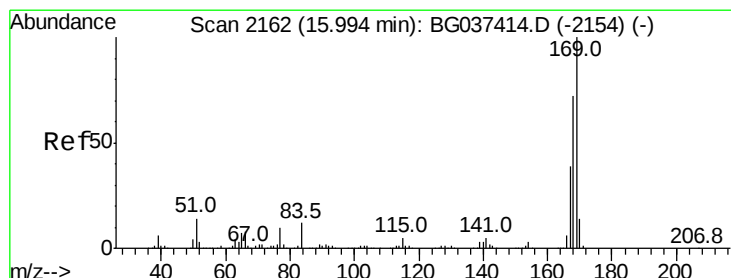
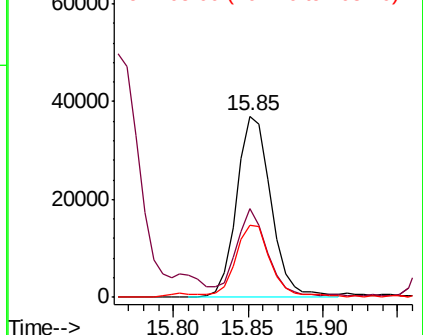
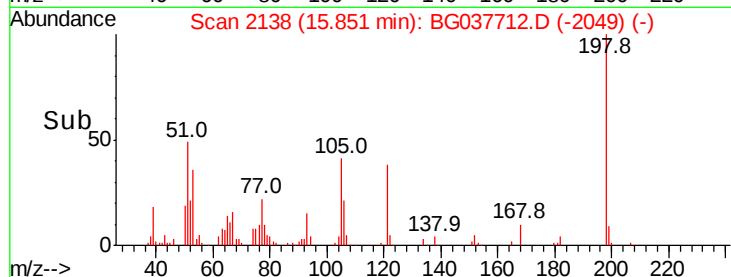
105 40.2 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.625 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

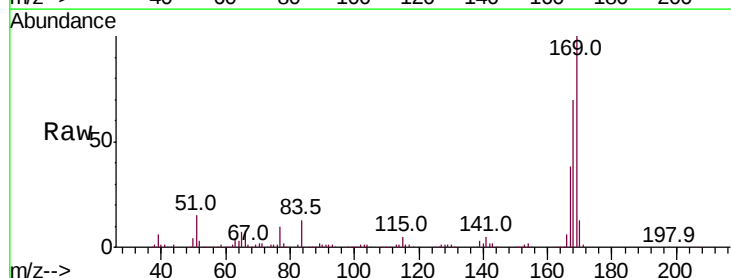
Tgt Ion:169 Resp: 447309

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

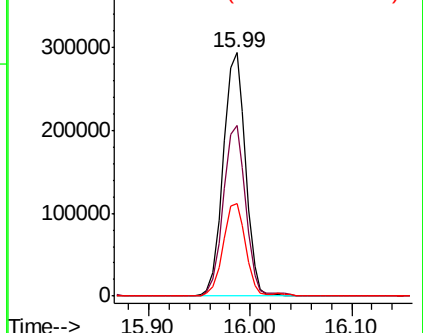
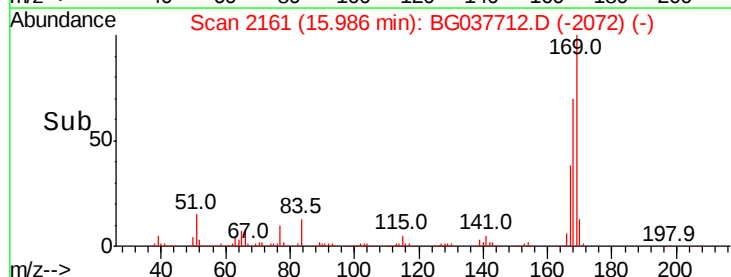
167 38.2 31.3 46.9

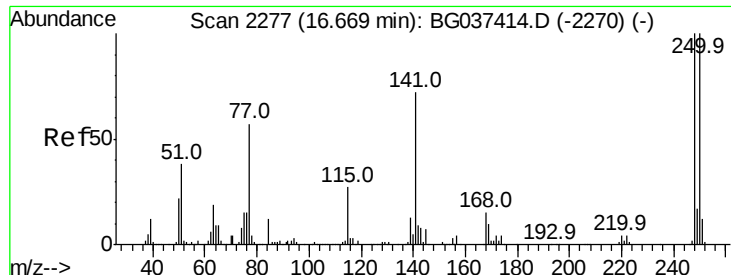


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 36.518 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

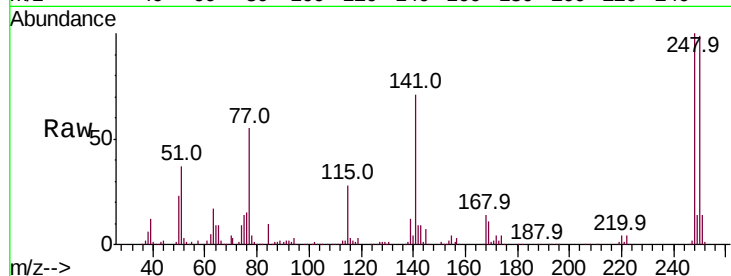
Tot Ion:248 Resp: 158497

Ion Ratio Lower Upper

248 100

250 98.7 77.0 115.6

141 71.5 55.5 83.3

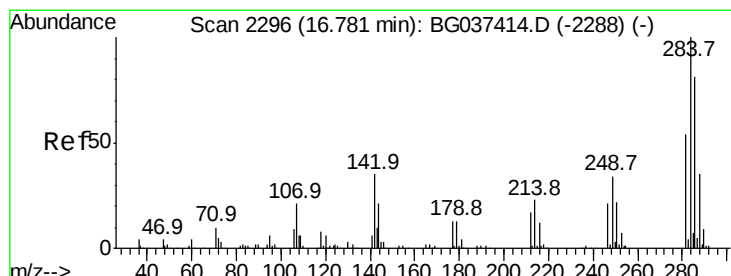
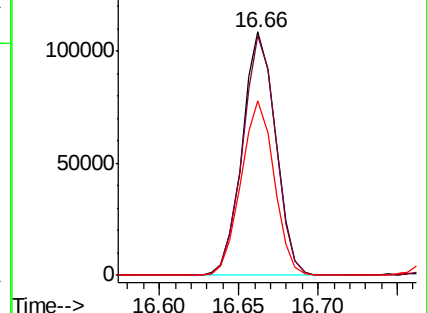
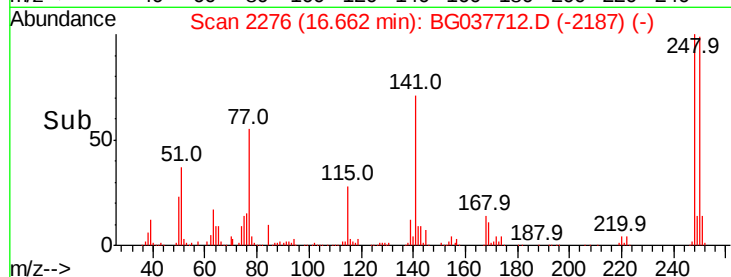


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 35.734 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

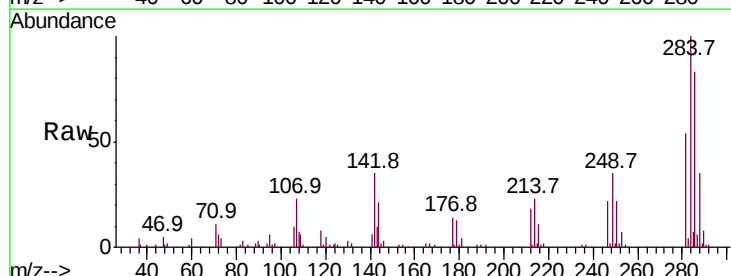
Tgt Ion:284 Resp: 160744

Ion Ratio Lower Upper

284 100

142 35.3 28.1 42.1

249 37.0 29.8 44.8

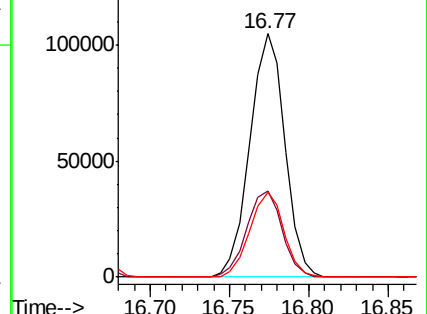
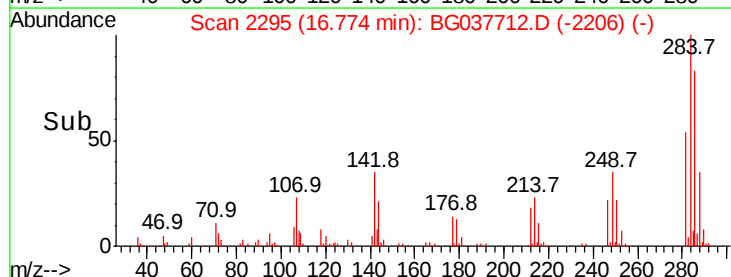


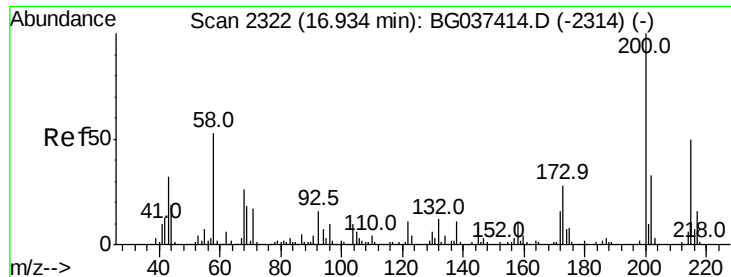
Abundance

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

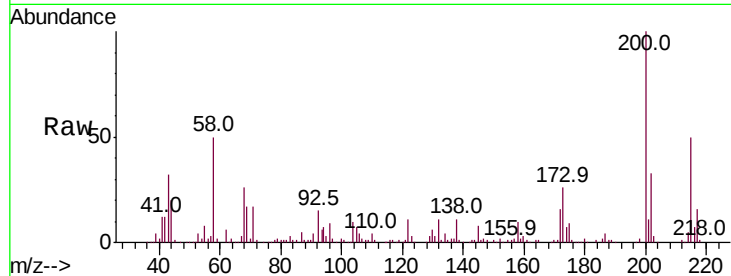




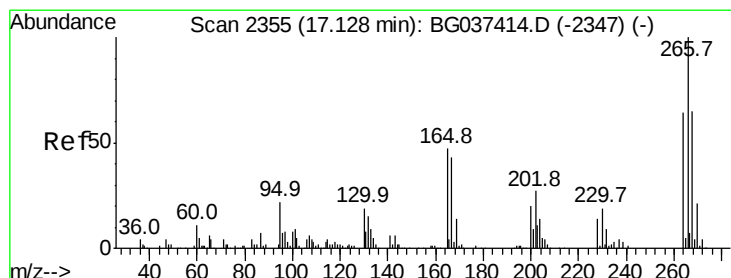
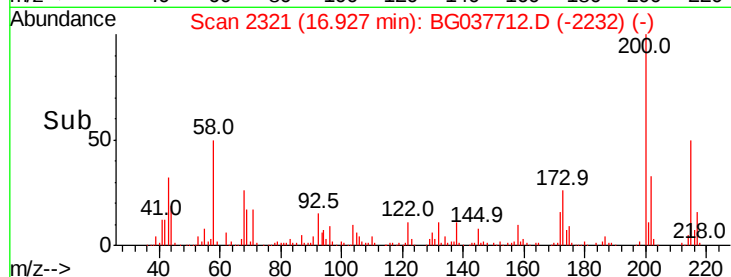
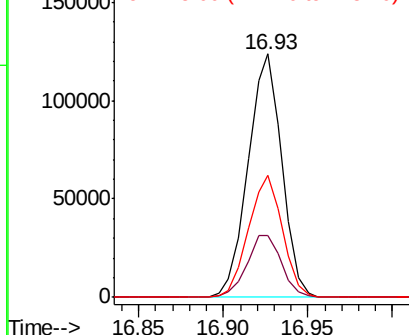
#69
Atrazine
Concen: 39.893 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:200 Resp: 171475
Ion Ratio Lower Upper
200 100
173 25.5 6.1 46.1
215 50.3 30.8 70.8

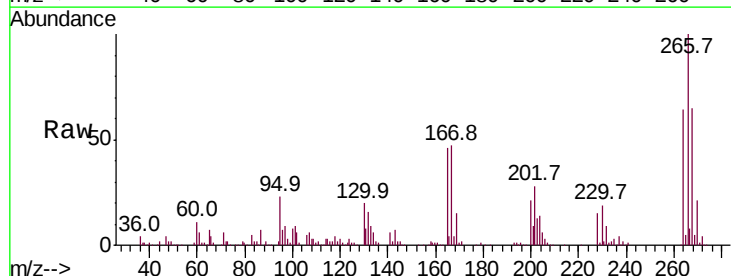


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

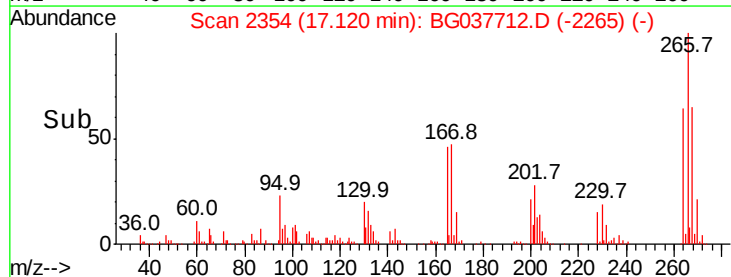
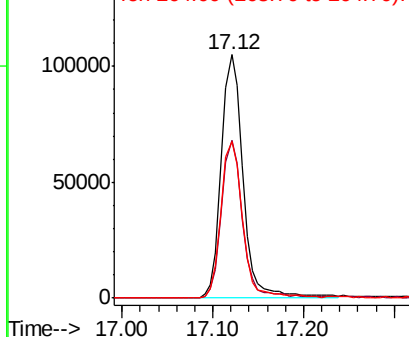


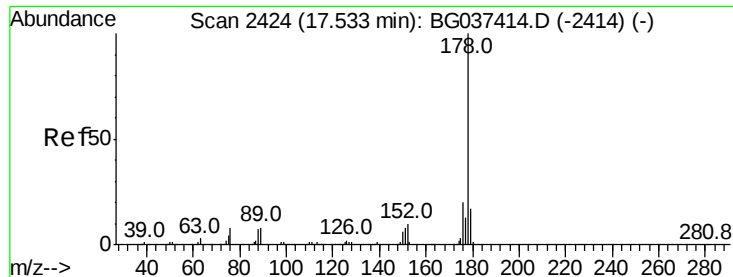
#70
Pentachlorophenol
Concen: 58.576 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:266 Resp: 176497
Ion Ratio Lower Upper
266 100
268 69.6 55.0 82.6
264 69.5 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

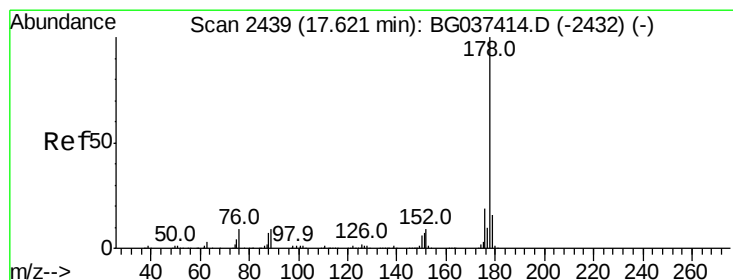
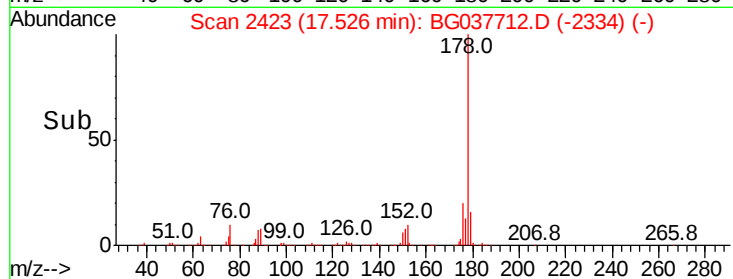
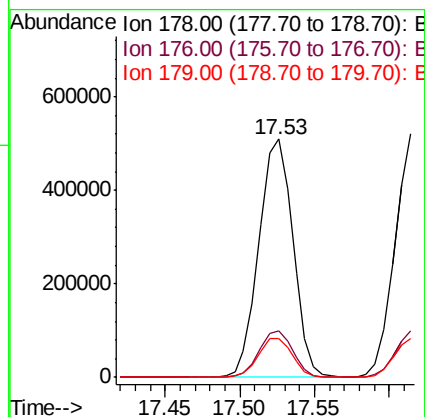
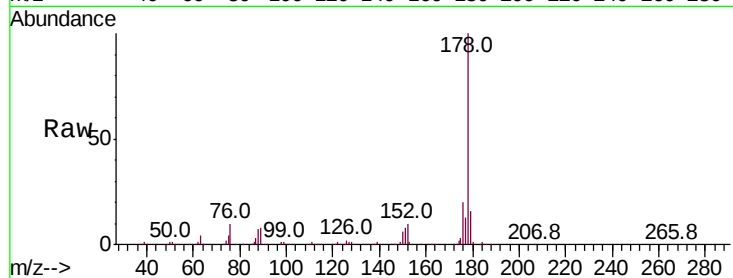




#71
Phenanthrene
Concen: 40.234 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

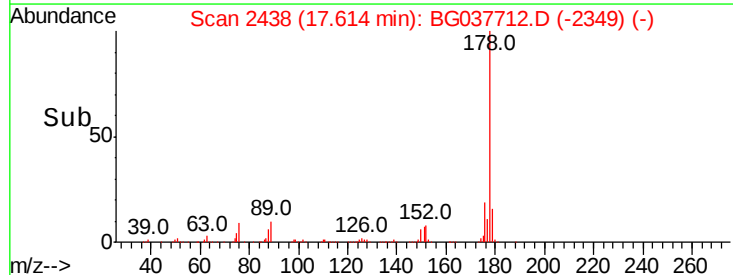
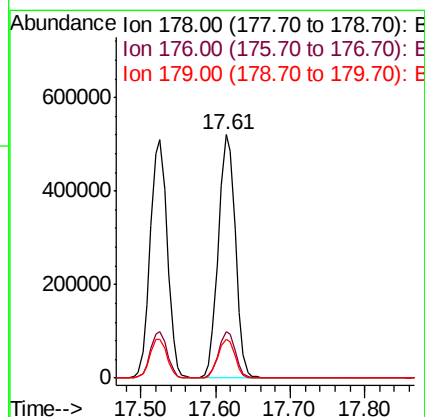
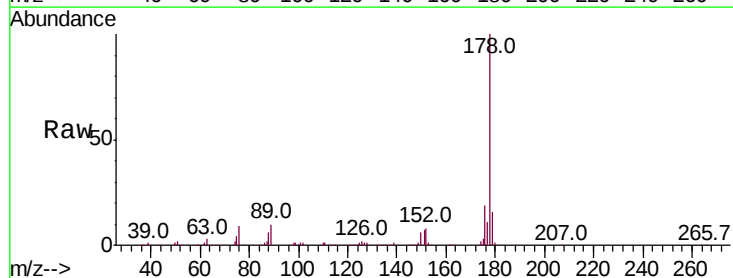
Instrument :
BNA_G
ClientSampleId :
PB114346BS

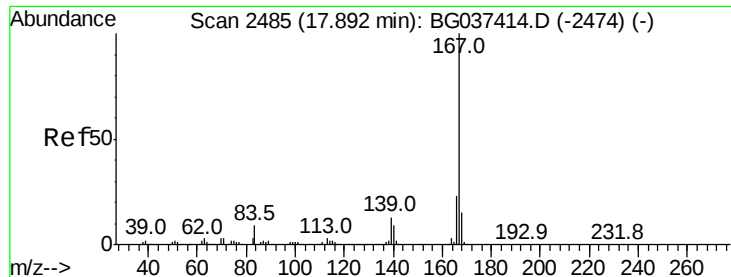
Tot Ion:178 Resp: 808182
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.5 13.0 19.4



#72
Anthracene
Concen: 41.830 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:178 Resp: 824580
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 16.1 12.8 19.2

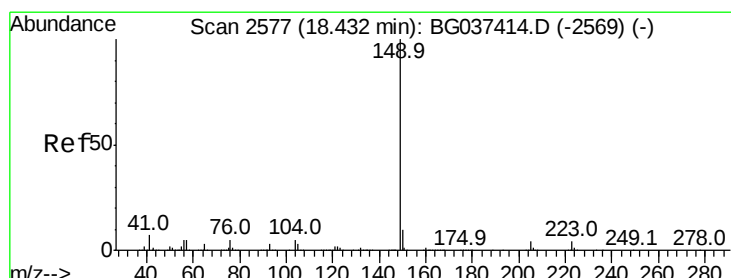
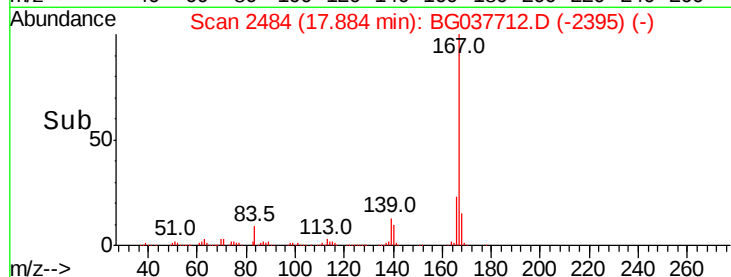
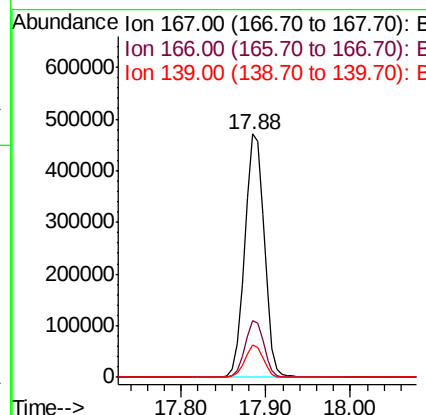
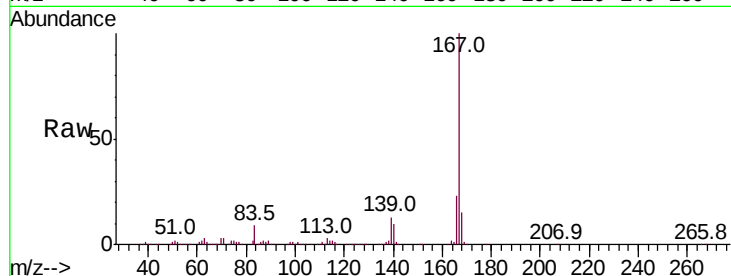




#73
 Carbazole
 Concen: 37.797 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

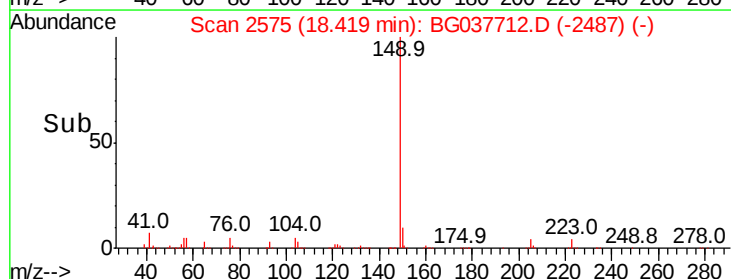
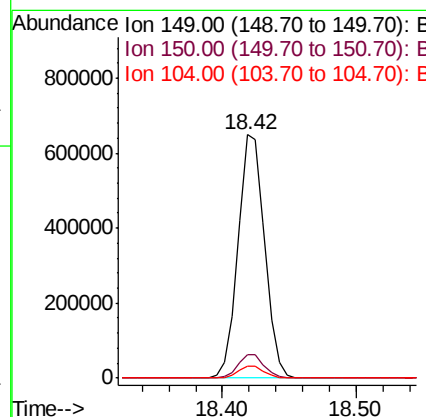
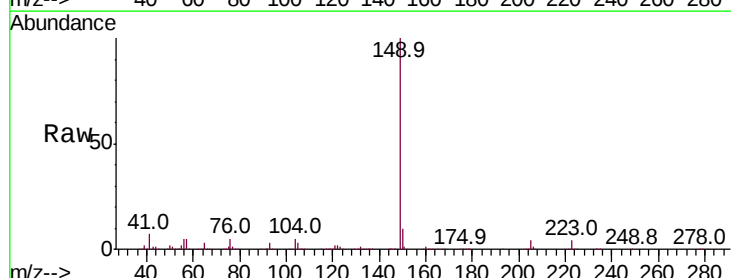
Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	13.3	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 41.009 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037712.D
 Acq: 1 Nov 2018 10:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 41.152 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

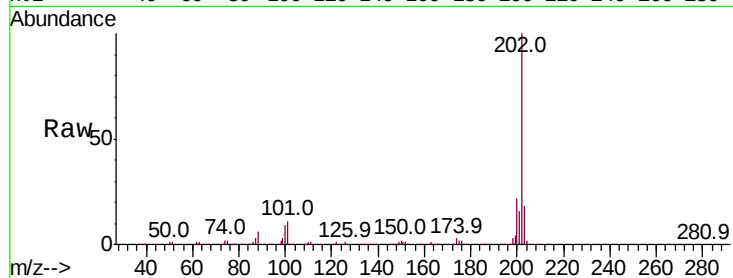
Tot Ion:202 Resp: 937541

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

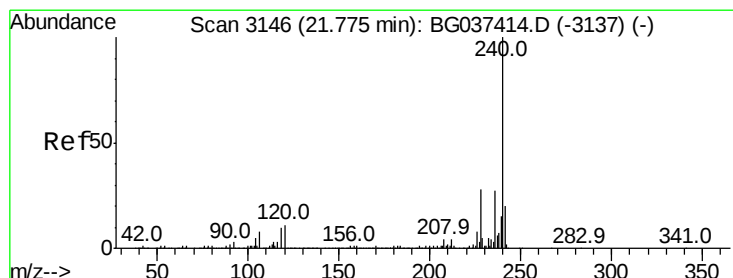
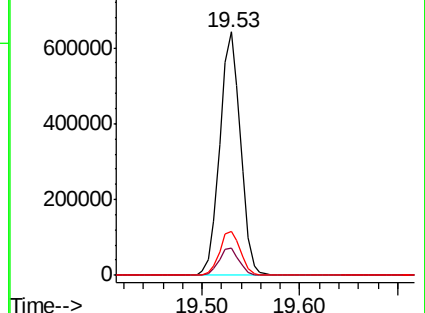
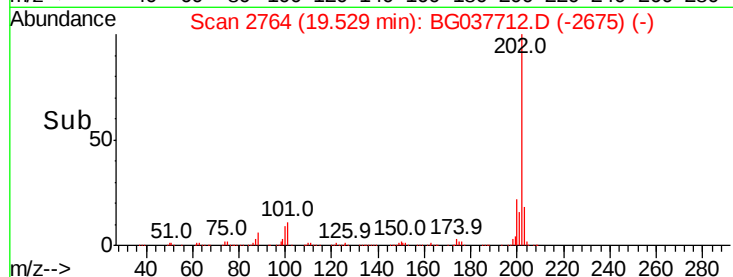
203 18.3 0.0 38.5



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: BG037712.D

Acq: 1 Nov 2018 10:38

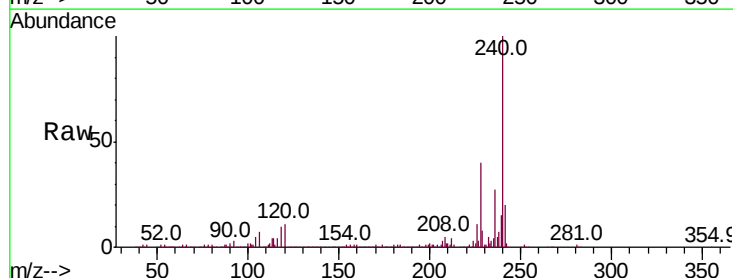
Tgt Ion:240 Resp: 355125

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

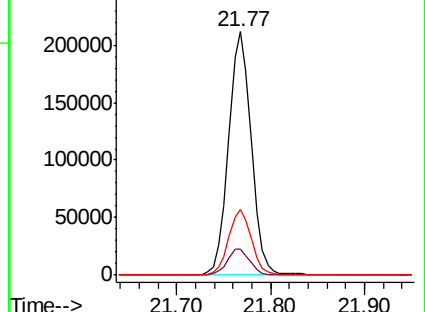
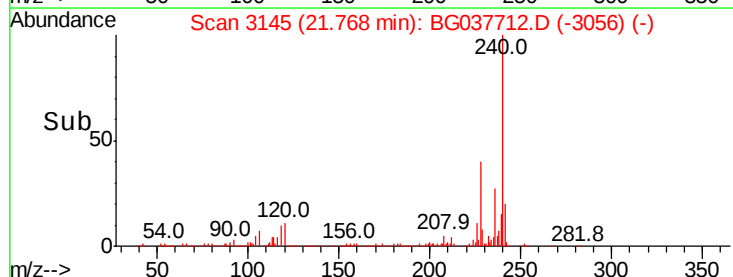
236 26.9 21.4 32.0

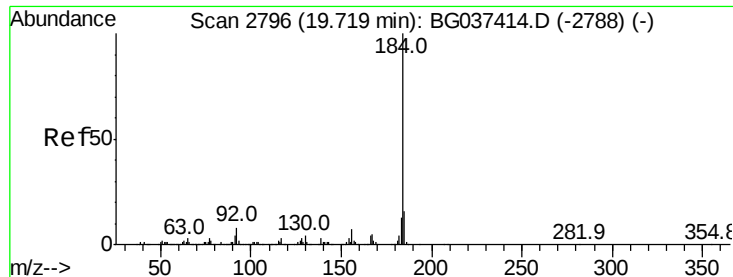


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.446 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

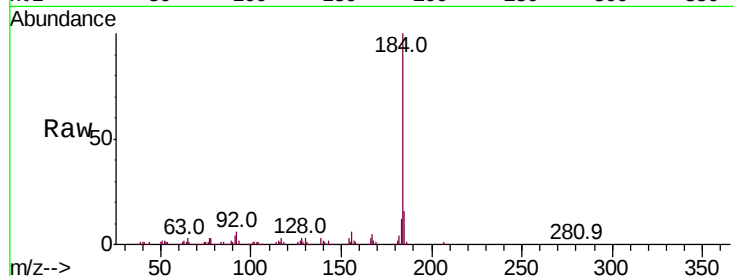
Tot Ion:184 Resp: 331410

Ion Ratio Lower Upper

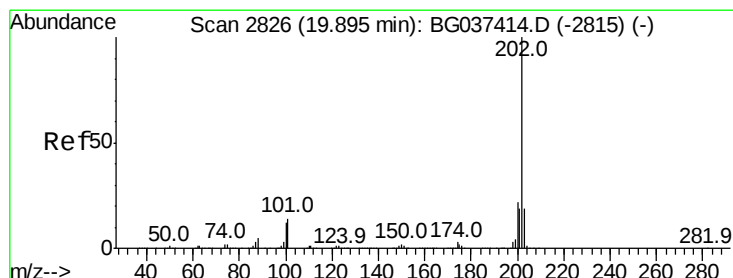
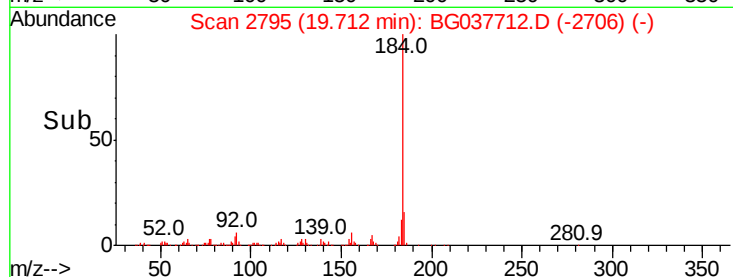
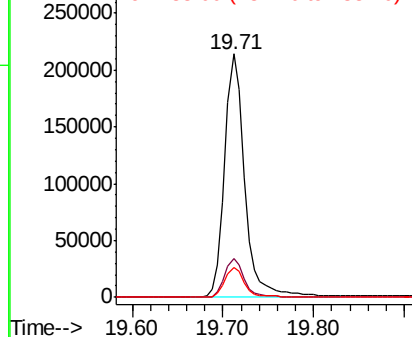
184 100

185 15.7 12.6 18.8

183 12.0 10.2 15.2



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



#78

Pyrene

Concen: 40.275 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

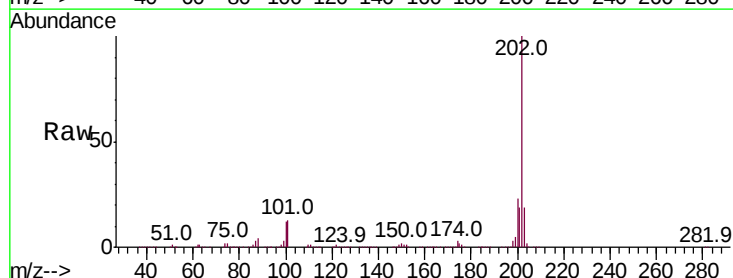
Tgt Ion:202 Resp: 934994

Ion Ratio Lower Upper

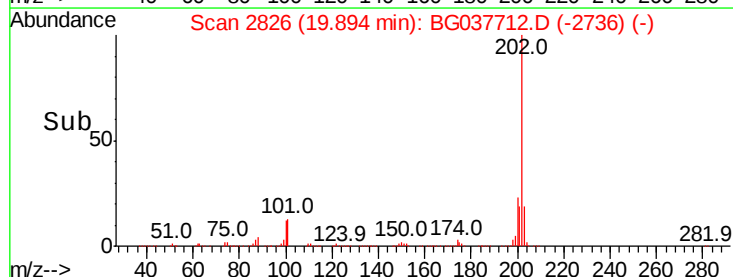
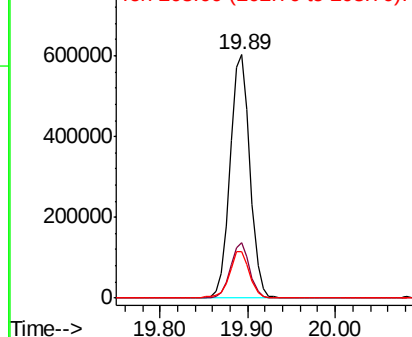
202 100

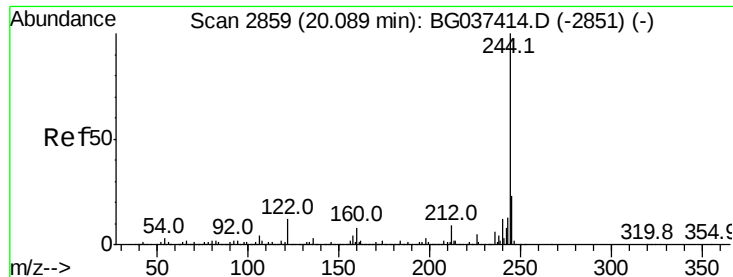
200 22.5 17.8 26.6

203 19.0 15.2 22.8



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





#79

Terphenyl-d14

Concen: 59.455 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

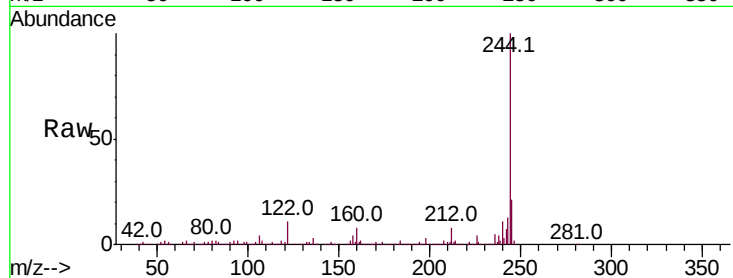
Tot Ion:244 Resp: 988124

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

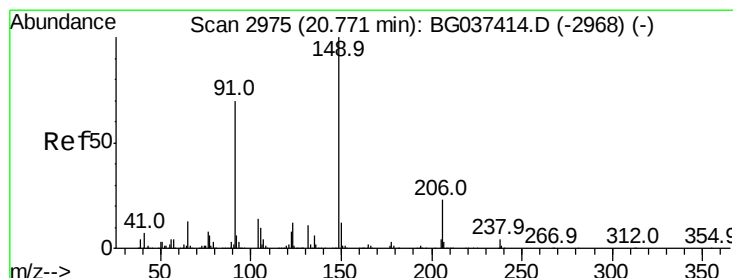
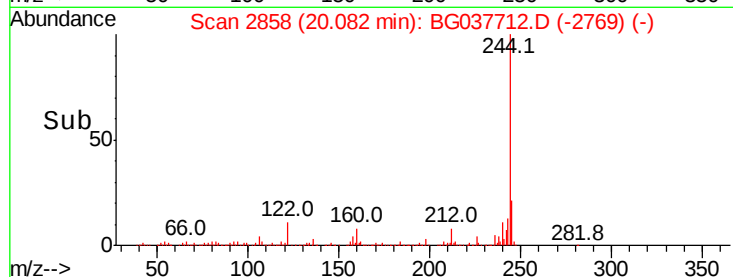
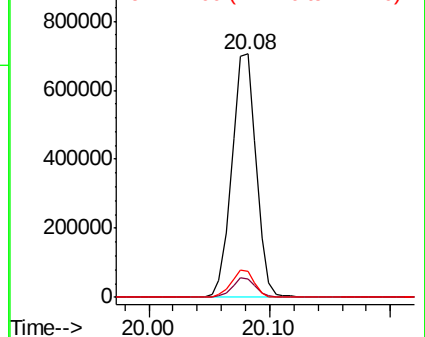
122 10.7 9.0 13.4



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: 42.459 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

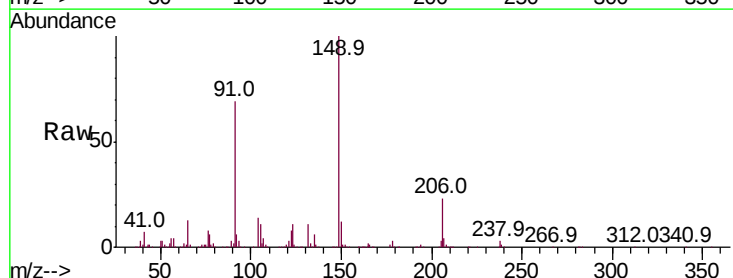
Tgt Ion:149 Resp: 403401

Ion Ratio Lower Upper

149 100

91 68.6 57.0 85.4

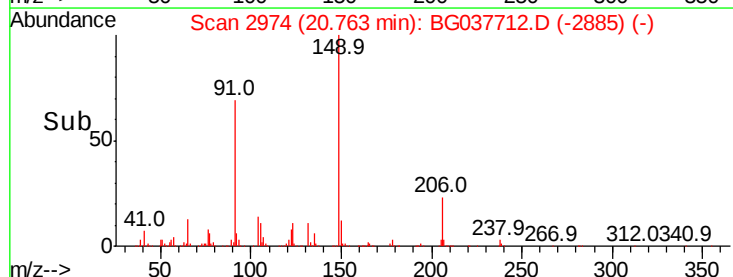
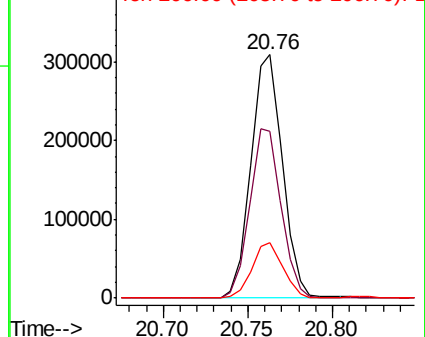
206 23.0 17.8 26.6

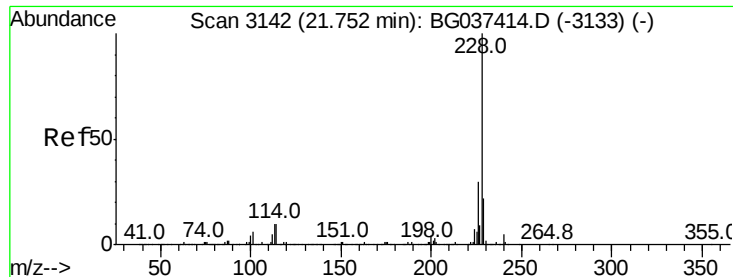


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

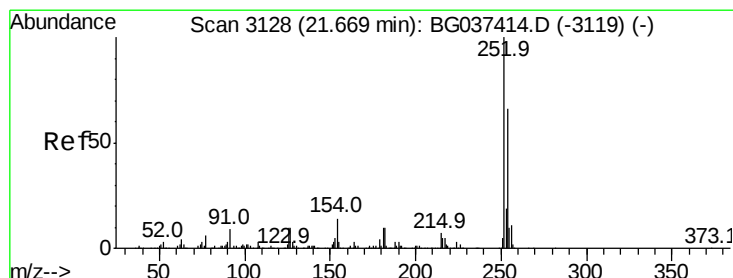
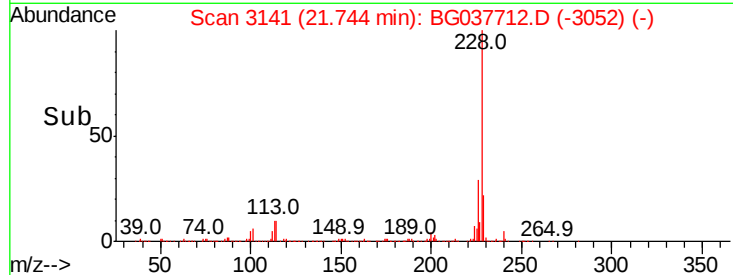
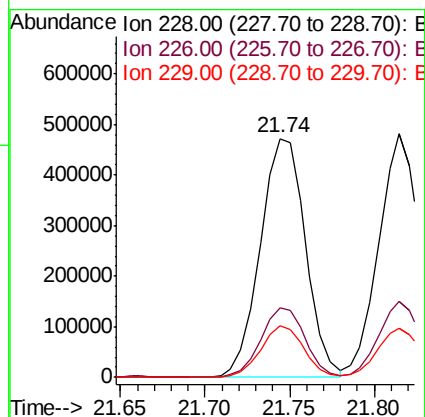
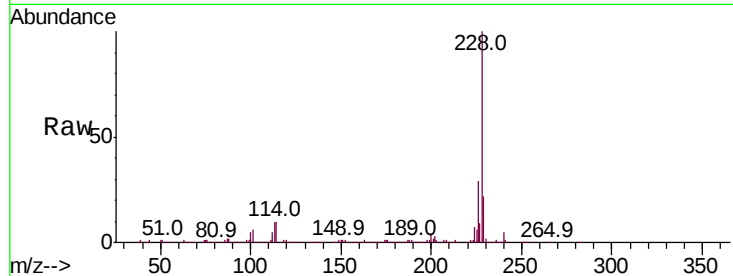




#81
Benzo(a)anthracene
Concen: 41.799 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

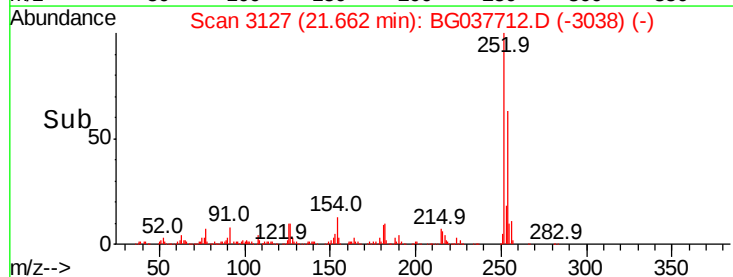
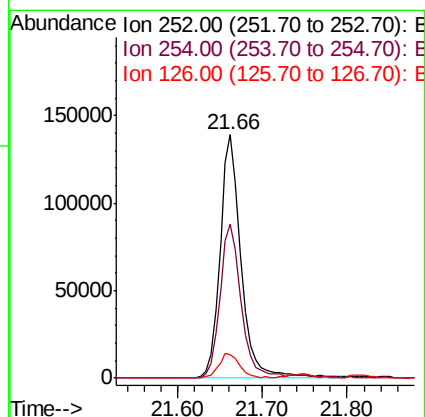
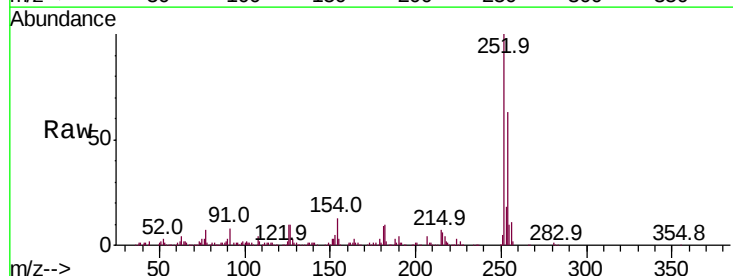
Instrument :
BNA_G
ClientSampleId :
PB114346BS

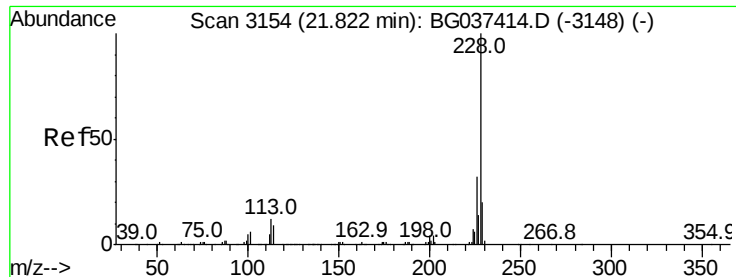
Tot Ion:228 Resp: 878008
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 21.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 29.797 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:252 Resp: 242601
Ion Ratio Lower Upper
252 100
254 63.1 52.0 78.0
126 9.8 8.2 12.4





#83

Chrysene

Concen: 40.772 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

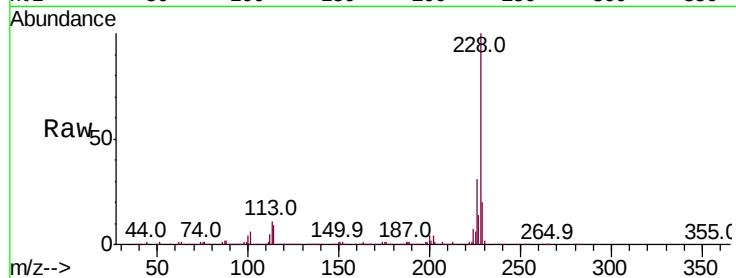
Tot Ion:228 Resp: 823513

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

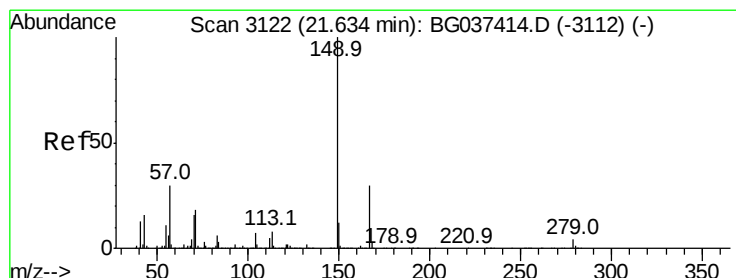
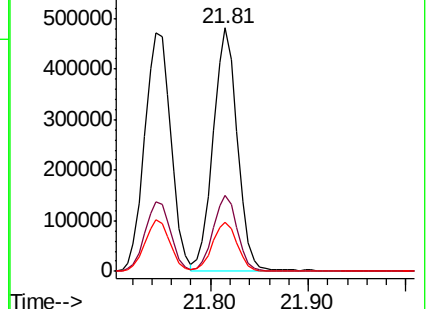
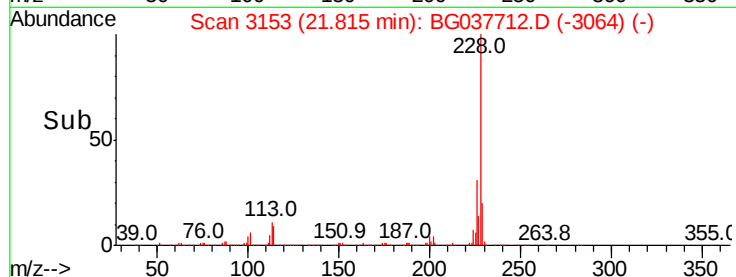
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.720 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

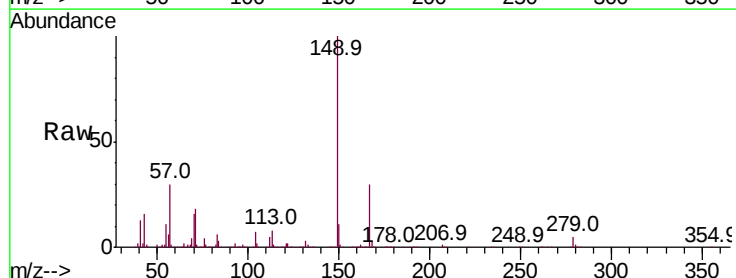
Tgt Ion:149 Resp: 568926

Ion Ratio Lower Upper

149 100

167 29.8 23.0 34.4

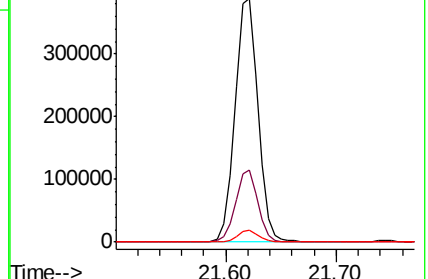
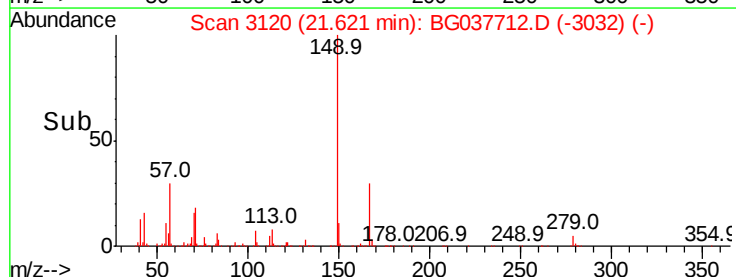
279 4.8 3.6 5.4

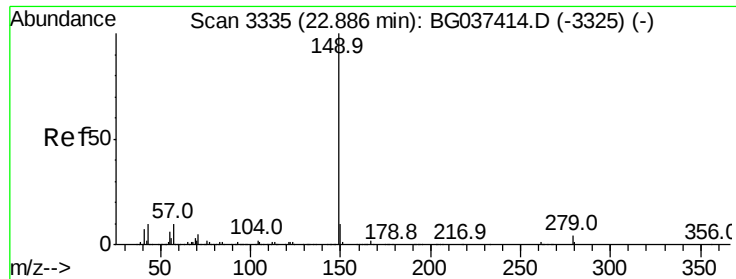


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.045 ng

RT: 22.86 min Scan# 3331

Delta R.T. -0.02 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

BNA_G

ClientSampleId :

PB114346BS

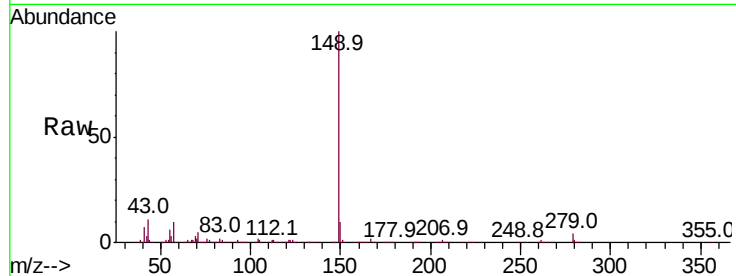
Tot Ion:149 Resp: 956506

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

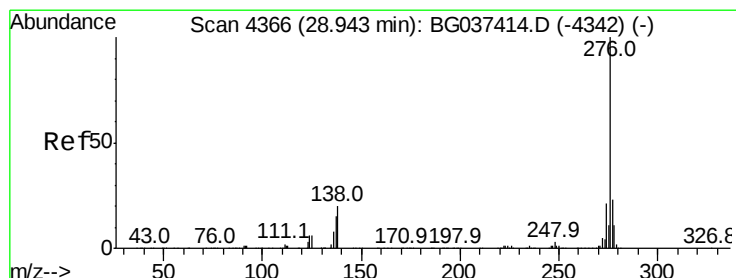
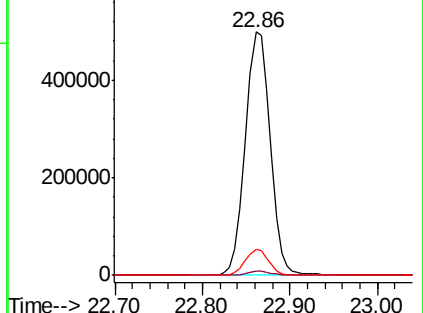
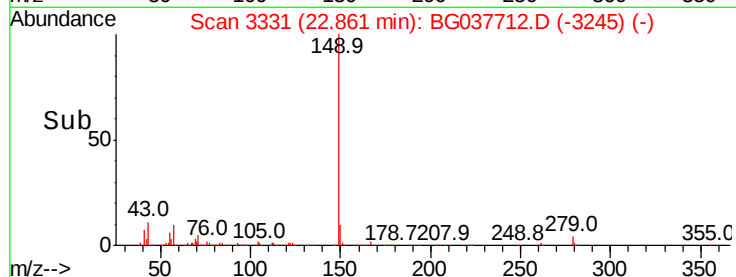
43 10.1 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.482 ng

RT: 28.91 min Scan# 4361

Delta R.T. -0.03 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

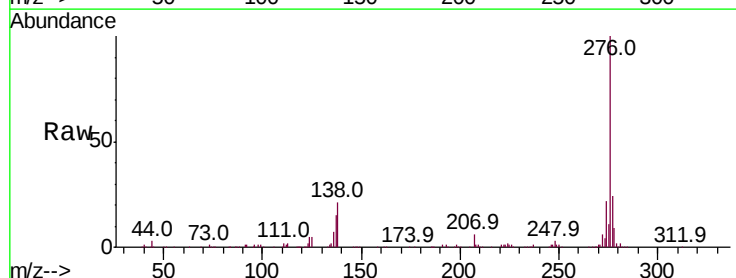
Tgt Ion:276 Resp: 790330

Ion Ratio Lower Upper

276 100

138 13.3 12.0 18.0

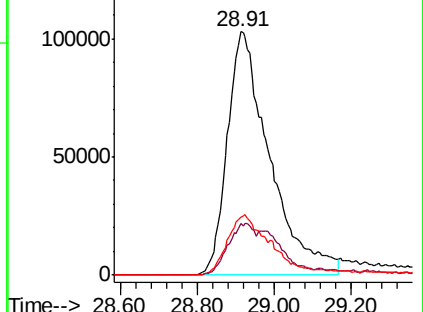
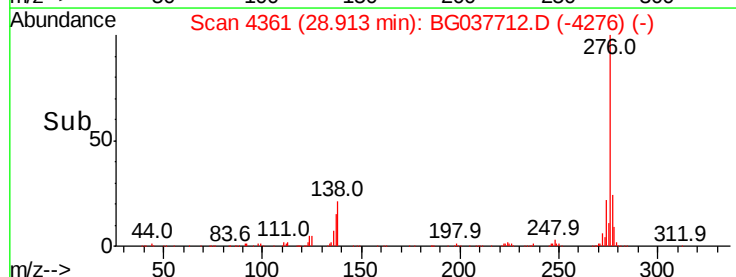
277 24.8 20.6 30.8

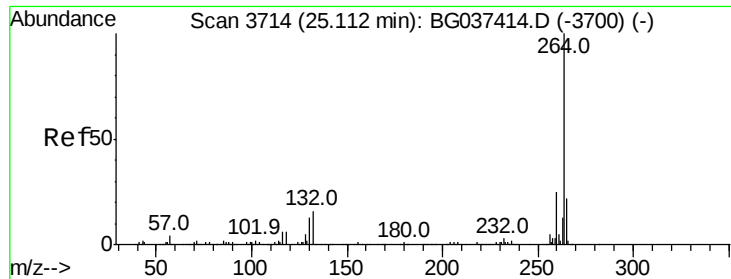


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



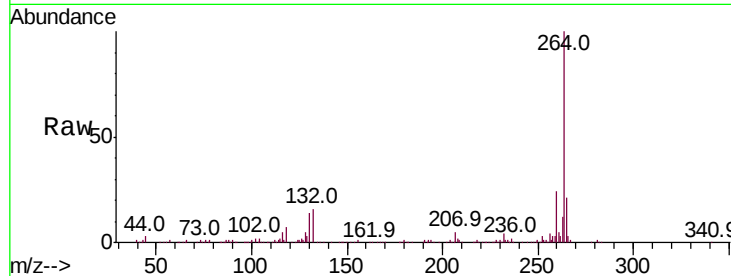


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

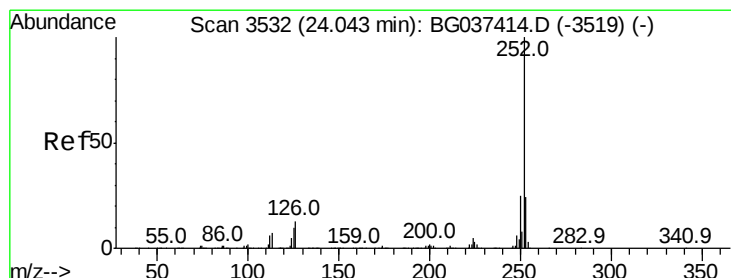
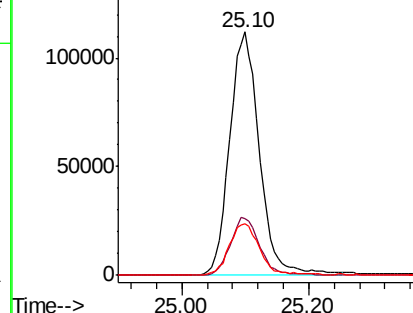
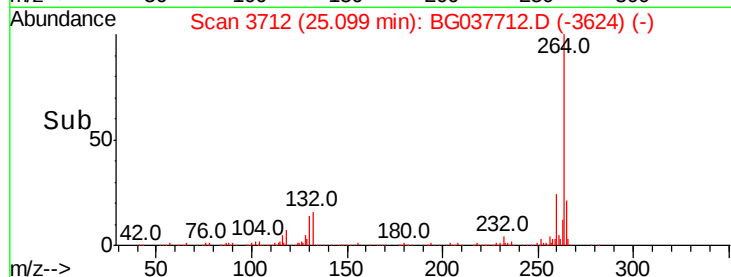
Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:264 Resp: 361774

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.1	17.9	26.9



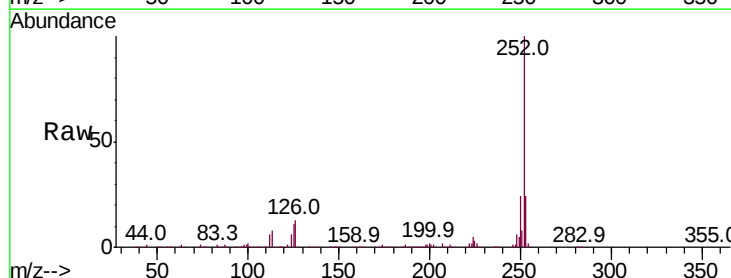
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



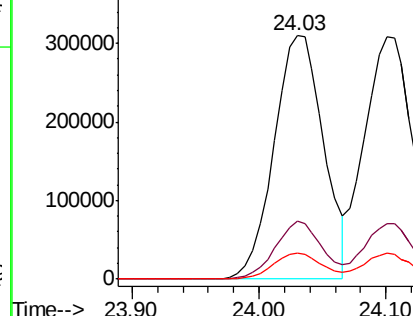
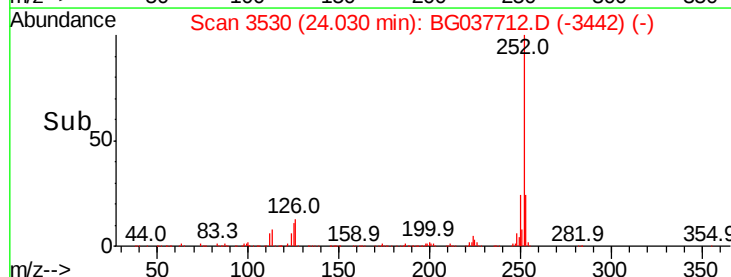
#88
Benzo(b)fluoranthene
Concen: 42.390 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

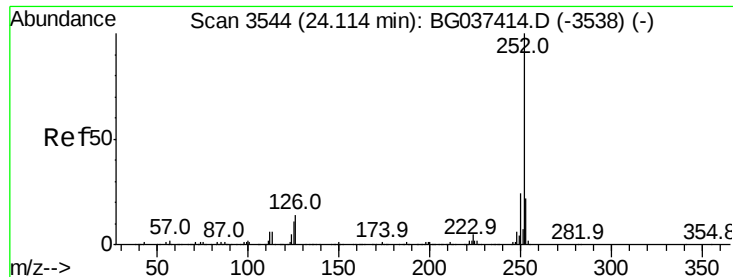
Tgt Ion:252 Resp: 840764

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	10.7	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

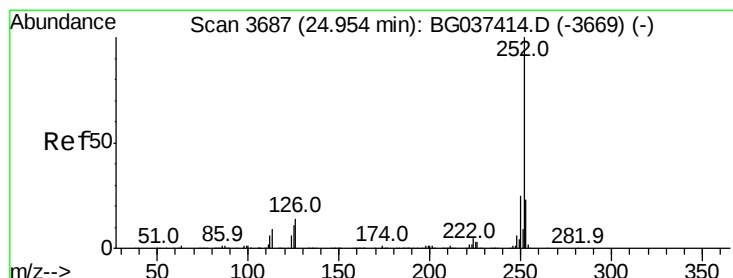
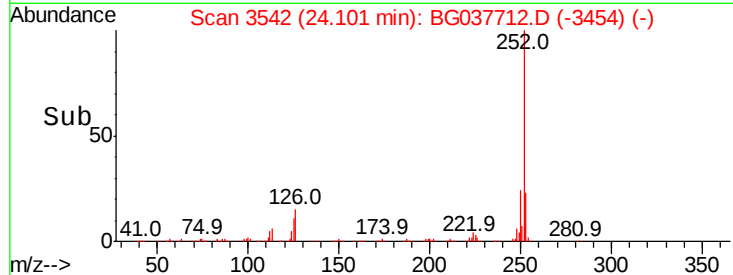
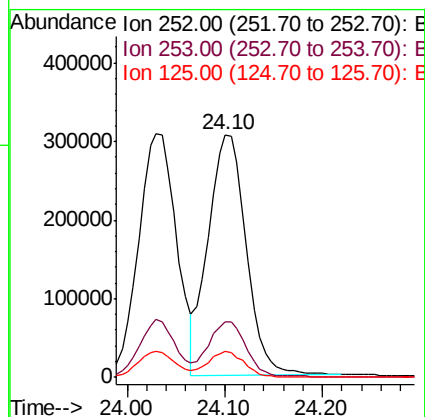
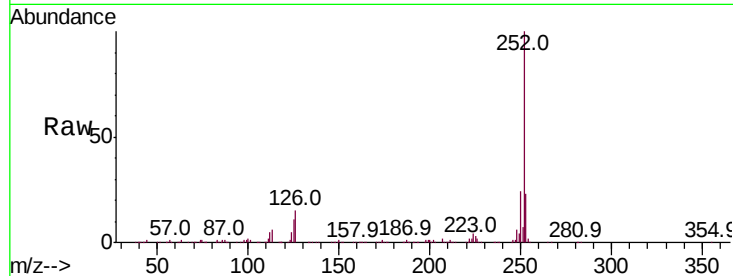




#89
Benzo(k)fluoranthene
Concen: 42.715 ng
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

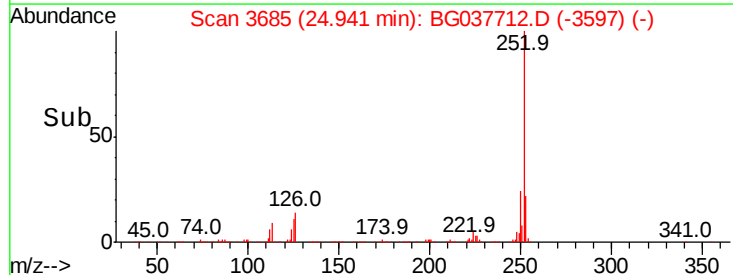
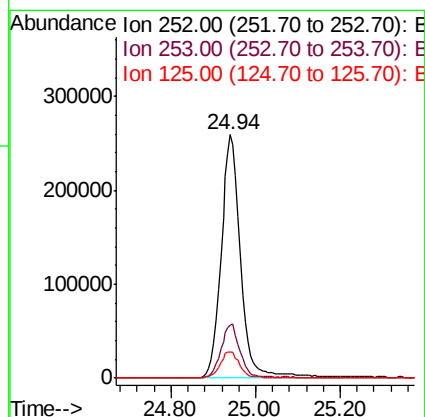
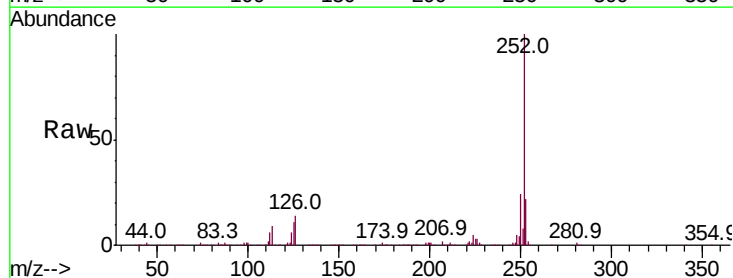
Instrument :
BNA_G
ClientSampleId :
PB114346BS

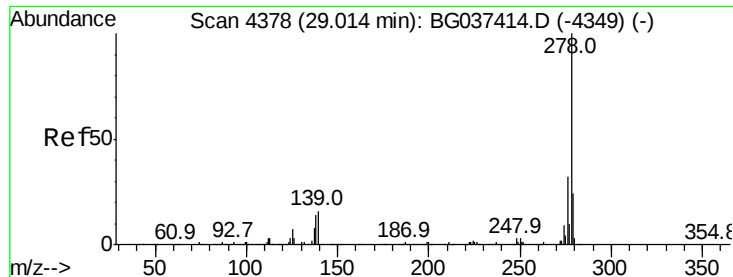
Tot Ion:252 Resp: 830025
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 44.220 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037712.D
Acq: 1 Nov 2018 10:38

Tgt Ion:252 Resp: 833399
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 10.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 36.114 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.02 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Instrument :

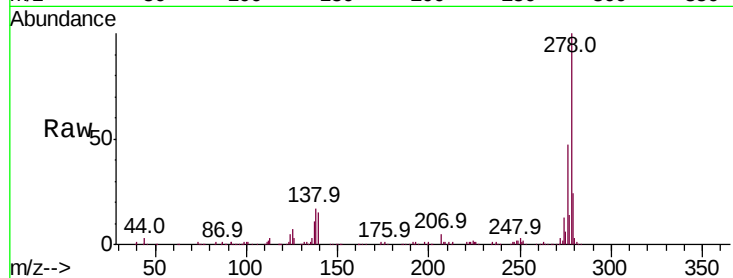
BNA_G

ClientSampled :

PB114346BS

Tot Ion:278 Resp: 627827

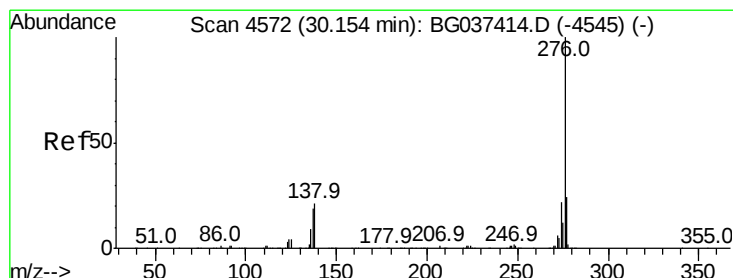
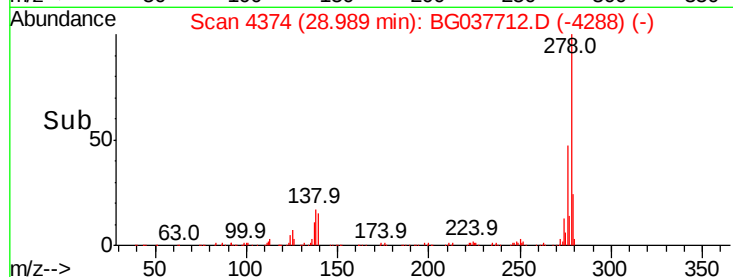
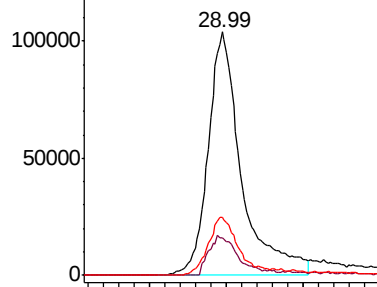
Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.5	17.3
279	24.0	18.6	27.8



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: 35.792 ng

RT: 30.12 min Scan# 4567

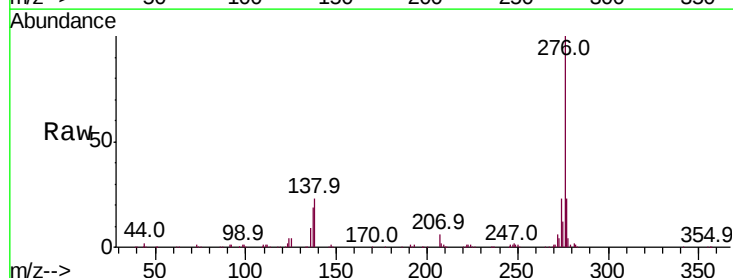
Delta R.T. -0.03 min

Lab File: BG037712.D

Acq: 1 Nov 2018 10:38

Tgt Ion:276 Resp: 629514

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	22.5	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

