

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037697.D
 Acq On : 31 Oct 2018 23:31
 Operator : JU/SJ
 Sample : PB114346BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Quant Time: Nov 01 07:04:33 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	48567	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	222860	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	153795	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	369194	20.00	ng	0.00
76) Chrysene-d12	21.77	240	330368	20.00	ng	0.00
87) Perylene-d12	25.10	264	341324	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	327945	112.89	ng	0.00
7) Phenol-d6	7.24	99	479589	109.18	ng	0.00
23) Nitrobenzene-d5	9.28	82	268420	67.47	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	172539	102.86	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	666015	65.30	ng	-0.01
79) Terphenyl-d14	20.08	244	1034299	66.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	35393	24.025	ng	97
3) Pyridine	3.93	79	104229	28.071	ng	93
4) n-Nitrosodimethylamine	3.85	42	46010	34.789	ng	# 88
6) Aniline	7.42	93	68962	12.869	ng	97
8) 2-Chlorophenol	7.66	128	126818	37.317	ng	96
9) Benzaldehyde	7.24	77	92038	33.495	ng	98
10) Phenol	7.27	94	174609	37.674	ng	100
11) bis(2-Chloroethyl)ether	7.52	93	115022	32.676	ng	95
12) 1,3-Dichlorobenzene	7.98	146	119966	31.709	ng	98
13) 1,4-Dichlorobenzene	8.14	146	120881	31.236	ng	98
14) 1,2-Dichlorobenzene	8.45	146	117490	31.560	ng	99
15) Benzyl Alcohol	8.34	79	111797	34.444	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	209327	33.235	ng	99
17) 2-Methylphenol	8.54	107	118229	38.585	ng	98
18) Hexachloroethane	9.18	117	42881	32.502	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	94313	31.179	ng	97
20) 3+4-Methylphenols	8.86	107	162938	37.193	ng	97
22) Acetophenone	8.93	105	182011	32.565	ng	# 99
24) Nitrobenzene	9.32	77	142958	34.591	ng	95
25) Isophorone	9.83	82	270562	37.221	ng	97
26) 2-Nitrophenol	10.03	139	69810	37.496	ng	97
27) 2,4-Dimethylphenol	10.07	122	138052	41.529	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	169689	35.630	ng	98
29) 2,4-Dichlorophenol	10.56	162	140967	38.087	ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	129564	32.190	ng	97
31) Naphthalene	10.97	128	393835	35.979	ng	98
32) Benzoic acid	10.17	122	61756	28.602	ng	93
33) 4-Chloroaniline	11.09	127	53276	10.358	ng	93
34) Hexachlorobutadiene	11.23	225	72165	30.251	ng	100
35) Caprolactam	11.87	113	52604	35.437	ng	94
36) 4-Chloro-3-methylphenol	12.18	107	156858	37.579	ng	99
37) 2-Methylnaphthalene	12.57	142	301312	37.761	ng	98
38) 1-Methylnaphthalene	12.79	142	288790	37.267	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	153768	30.997	ng	99

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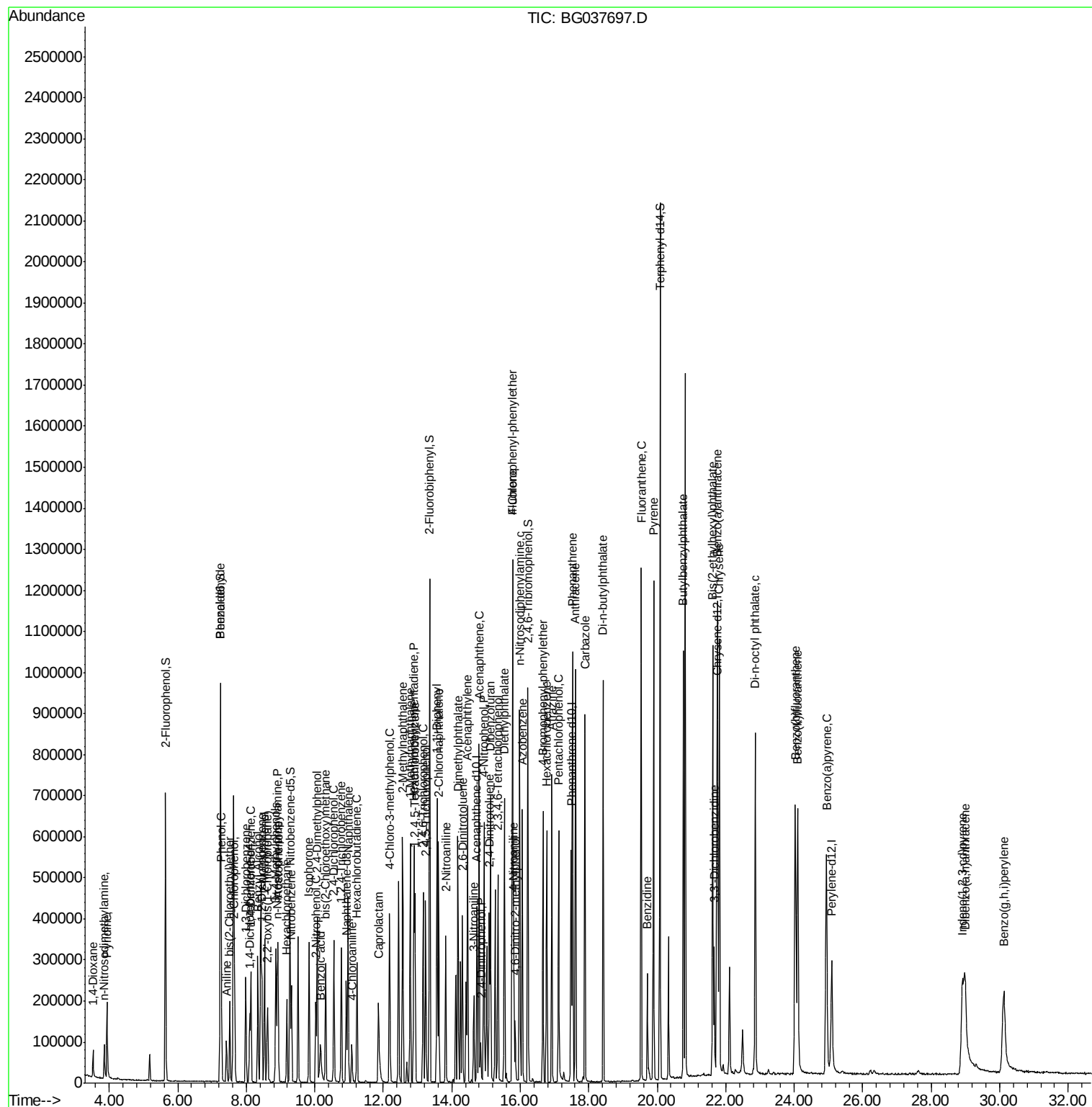
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	173336	73.150	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	120640	36.401	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	131221	36.366	ng	97
46) 1,1'-Biphenyl	13.57	154	404518	31.760	ng	99
47) 2-Chloronaphthalene	13.62	162	318837	33.088	ng	99
48) 2-Nitroaniline	13.82	65	107315	36.725	ng	96
49) Acenaphthylene	14.46	152	534113	36.848	ng	99
50) Dimethylphthalate	14.18	163	425480	35.761	ng	99
51) 2,6-Dinitrotoluene	14.31	165	96212	36.554	ng	96
52) Acenaphthene	14.80	154	307961	34.497	ng	97
53) 3-Nitroaniline	14.65	138	58876	20.150	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	26390	36.523	ng	96
55) Dibenzofuran	15.13	168	504185	34.088	ng	100
56) 4-Nitrophenol	14.94	139	197082	91.123	ng	97
57) 2,4-Dinitrotoluene	15.10	165	133292	38.579	ng	96
58) Fluorene	15.78	166	409450	36.967	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	112422	36.388	ng	98
60) Diethylphthalate	15.54	149	436390	35.726	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	213683	33.099	ng	97
62) 4-Nitroaniline	15.81	138	101880	35.090	ng	92
63) Azobenzene	16.06	77	413749	35.501	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	38510	24.862	ng	97
66) n-Nitrosodiphenylamine	15.99	169	382365	34.430	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	132614	32.709	ng	97
68) Hexachlorobenzene	16.77	284	134791	32.078	ng	99
69) Atrazine	16.93	200	138406	34.471	ng	99
70) Pentachlorophenol	17.12	266	124780	44.333	ng	95
71) Phenanthrene	17.52	178	684513	36.481	ng	99
72) Anthracene	17.61	178	689460	37.442	ng	99
73) Carbazole	17.89	167	628459	34.120	ng	99
74) Di-n-butylphthalate	18.42	149	749000	36.555	ng	99
75) Fluoranthene	19.53	202	784379	36.857	ng	99
77) Benzidine	19.71	184	165125	14.700	ng	99
78) Pyrene	19.89	202	789763	36.569	ng	100
80) Butylbenzylphthalate	20.76	149	333233	37.702	ng	98
81) Benzo(a)anthracene	21.74	228	732710	37.496	ng	100
82) 3,3'-Dichlorobenzidine	21.66	252	128493	16.965	ng	99
83) Chrysene	21.81	228	689661	36.704	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	471184	38.032	ng	99
85) Di-n-octyl phthalate	22.87	149	798444	39.522	ng	97
86) Indeno(1,2,3-cd)pyrene	28.91	276	621662	30.846	ng	# 79
88) Benzo(b)fluoranthene	24.03	252	691905	36.975	ng	98
89) Benzo(k)fluoranthene	24.10	252	703081	38.350	ng	98
90) Benzo(a)pyrene	24.94	252	667032	37.513	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	440097	26.832	ng	97
92) Benzo(g,h,i)perylene	30.12	276	526926	31.754	ng	99

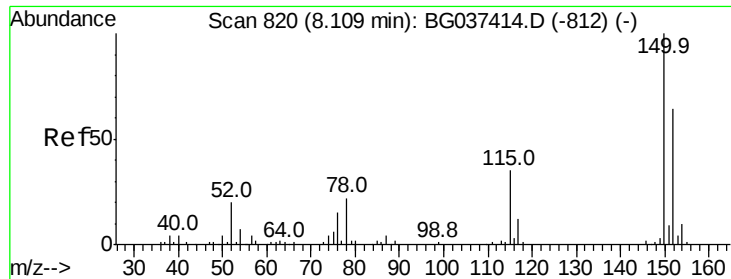
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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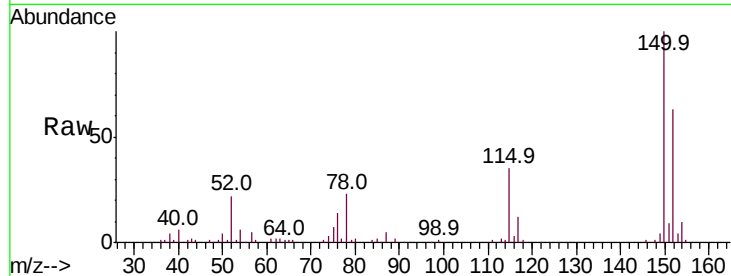


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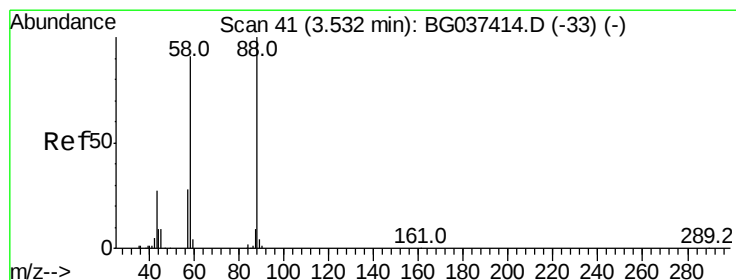
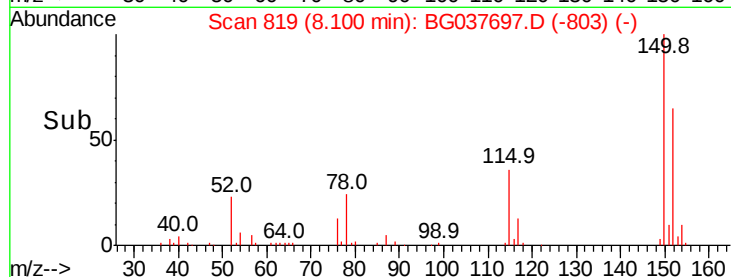
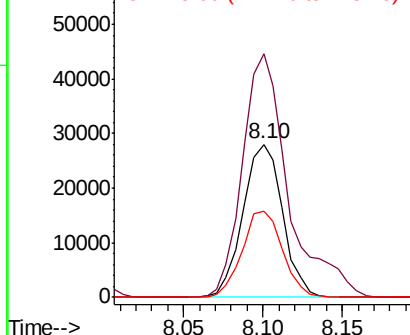
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:152 Resp: 48567
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 55.9 45.5 68.3



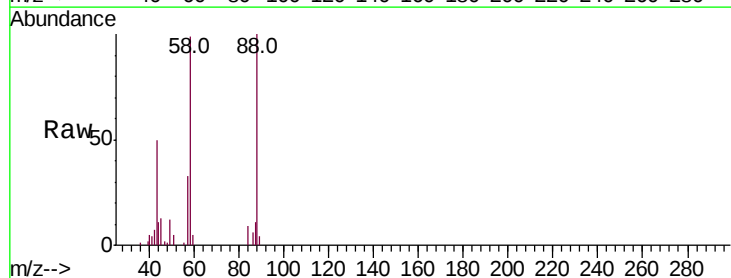
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



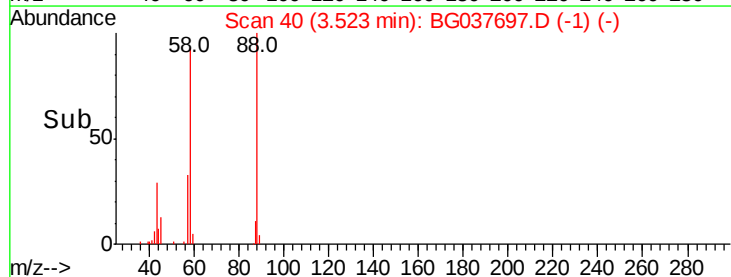
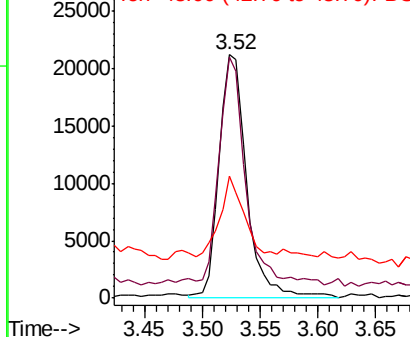
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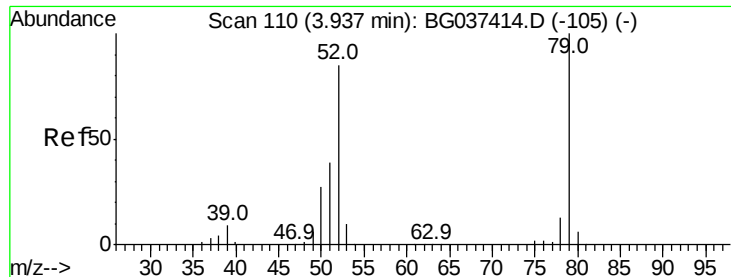
1,4-Dioxane
Concen: 24.025 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion: 88 Resp: 35393
Ion Ratio Lower Upper
88 100
58 90.6 74.4 111.6
43 28.9 25.8 38.8



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





#3

Pvridine

Concen: 28.071 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

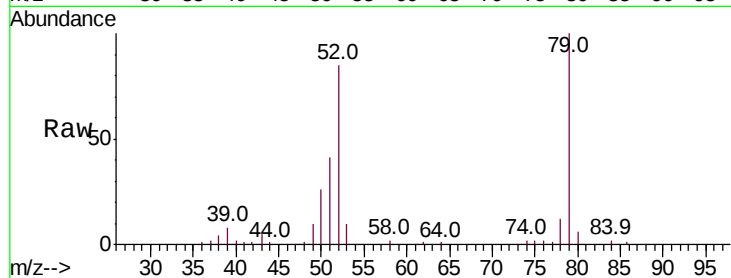
Tot Ion: 79 Resp: 104229

Ion Ratio Lower Upper

79 100

52 85.3 74.2 111.2

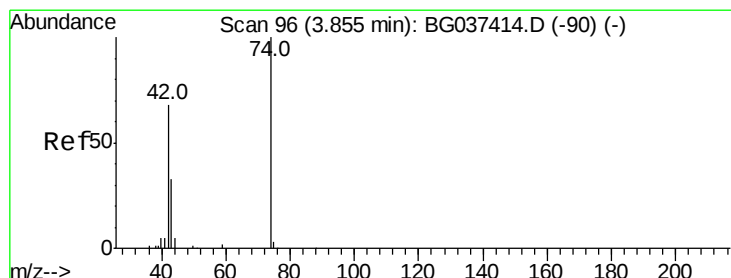
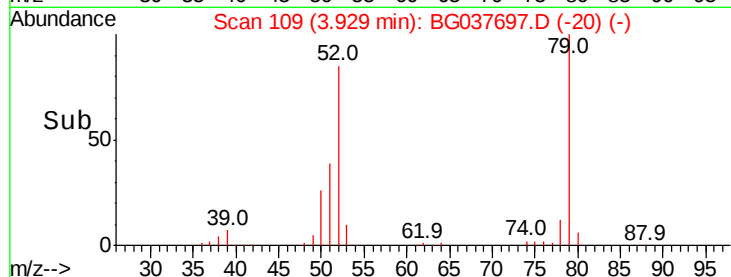
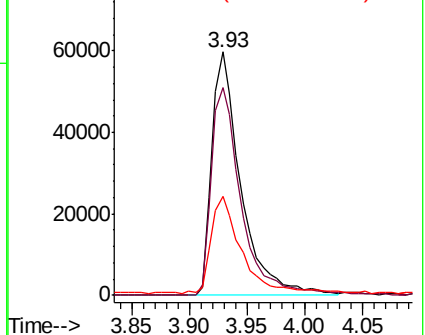
51 40.7 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.789 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

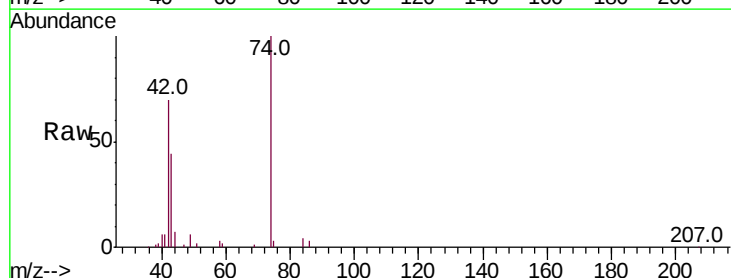
Tgt Ion: 42 Resp: 46010

Ion Ratio Lower Upper

42 100

74 142.4 102.0 153.0

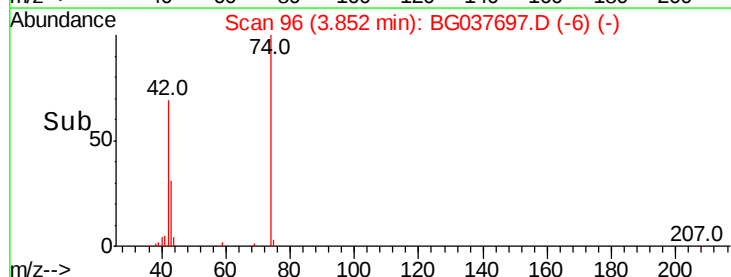
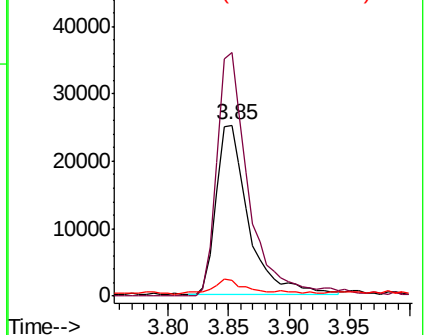
44 9.3 9.6 14.4#

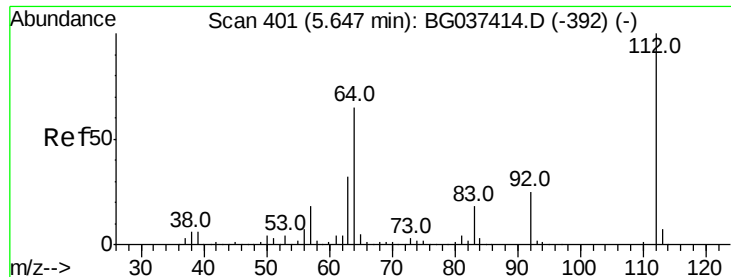


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 112.891 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

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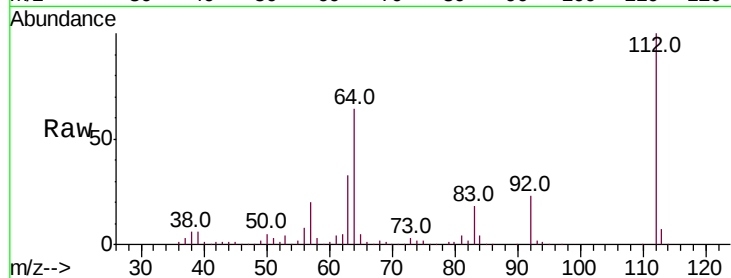
Tot Ion:112 Resp: 327945

Ion Ratio Lower Upper

112 100

64 64.0 53.1 79.7

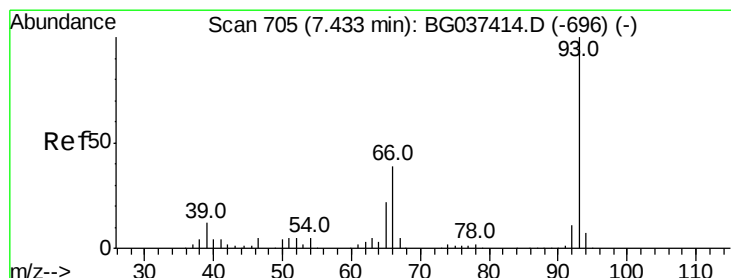
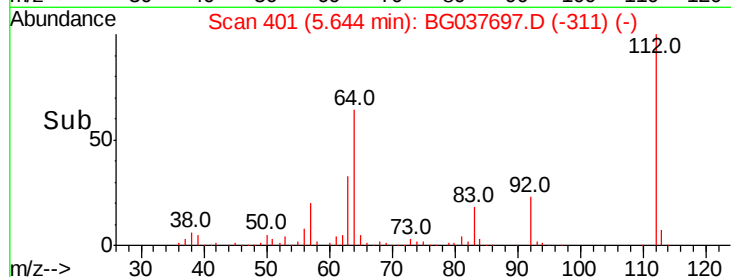
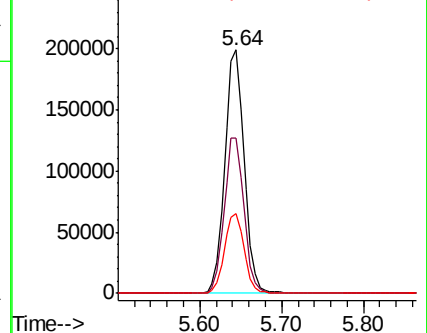
63 32.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.869 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037697.D

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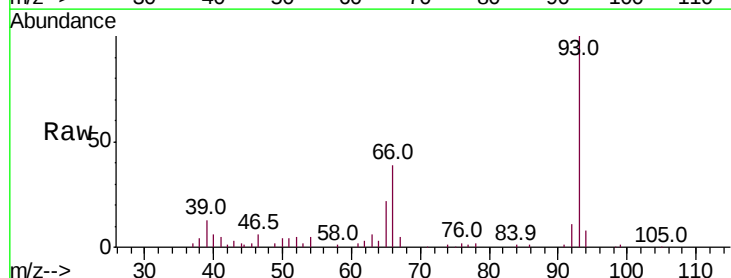
Tgt Ion: 93 Resp: 68962

Ion Ratio Lower Upper

93 100

66 39.3 32.8 49.2

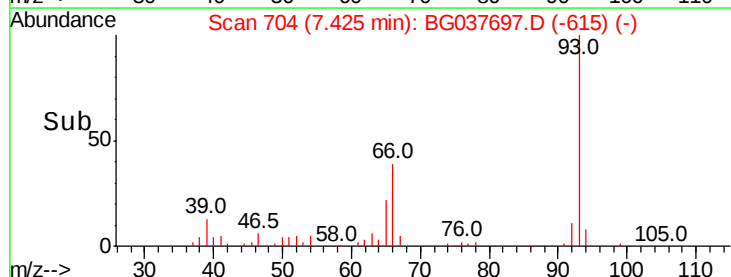
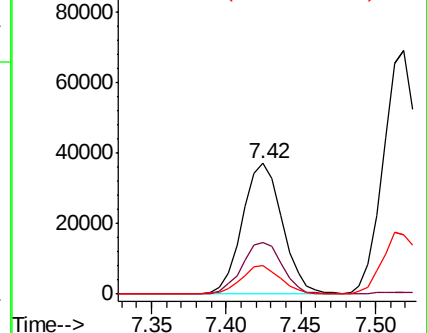
65 21.7 16.4 24.6

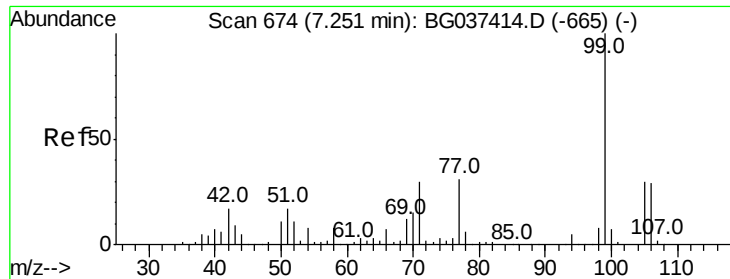


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.179 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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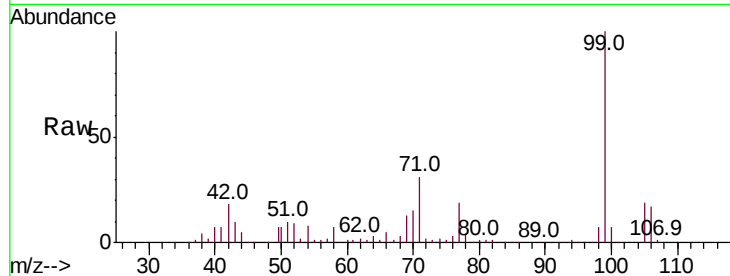
Tot Ion: 99 Resp: 479589

Ion Ratio Lower Upper

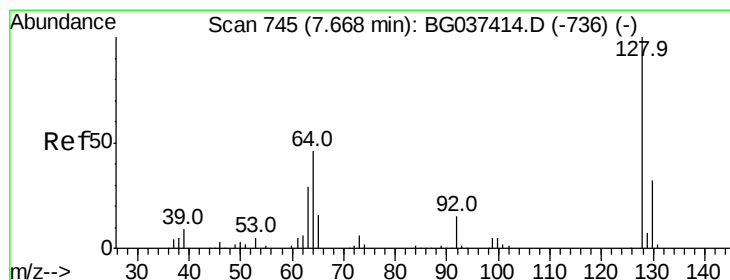
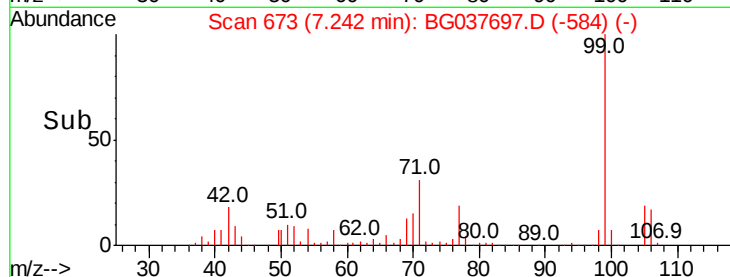
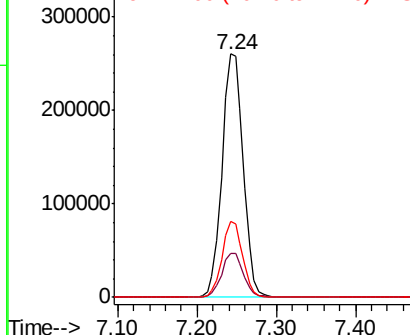
99 100

42 17.9 15.0 22.4

71 31.0 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: 37.317 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

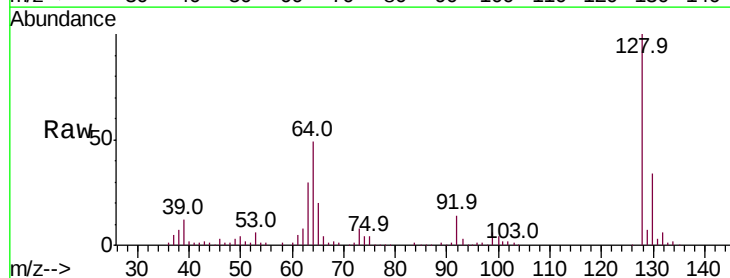
Tgt Ion:128 Resp: 126818

Ion Ratio Lower Upper

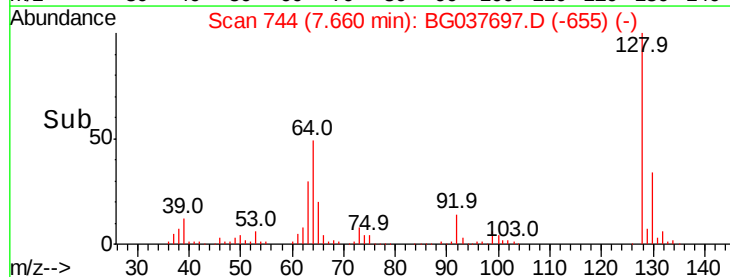
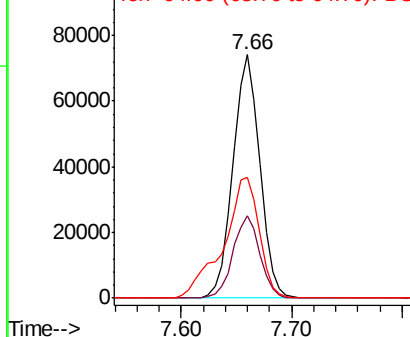
128 100

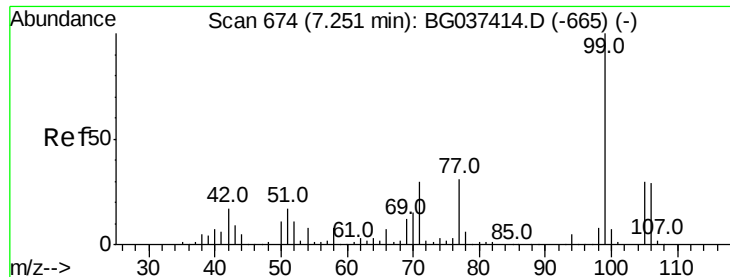
130 34.1 12.0 52.0

64 49.5 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: 33.495 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

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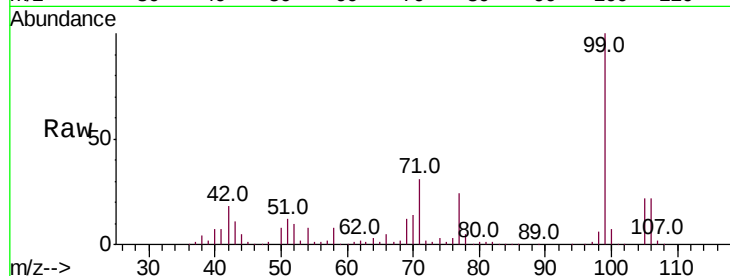
Tot Ion: 77 Resp: 92038

Ion Ratio Lower Upper

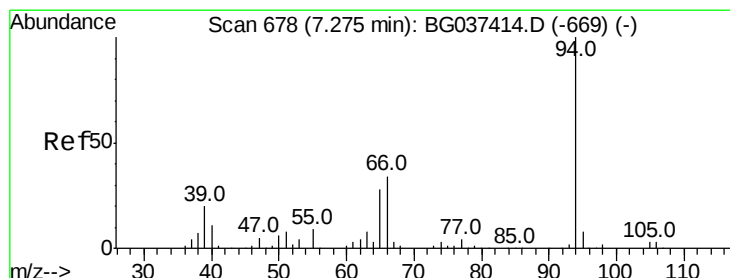
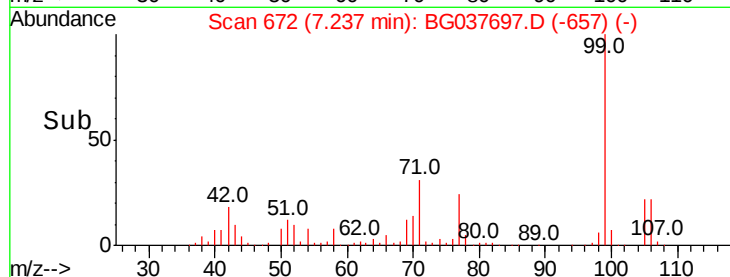
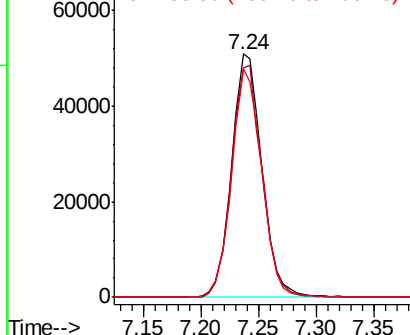
77 100

105 94.4 72.6 112.6

106 93.5 71.3 111.3



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



#10

Phenol

Concen: 37.674 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

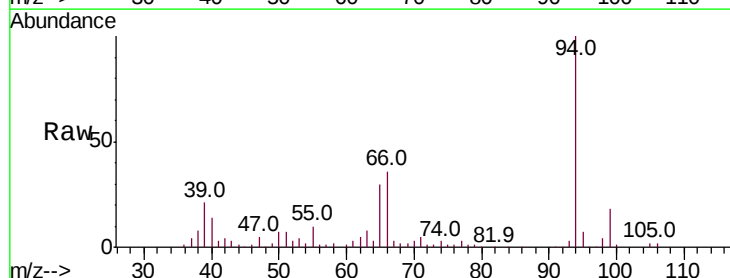
Tgt Ion: 94 Resp: 174609

Ion Ratio Lower Upper

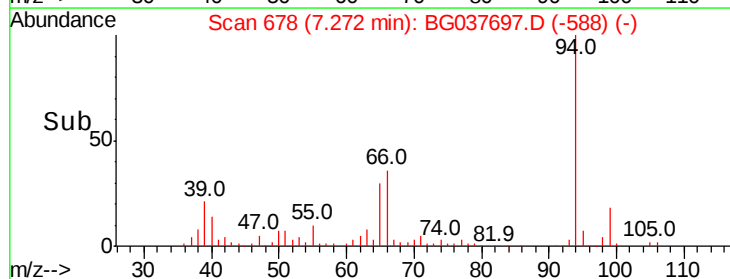
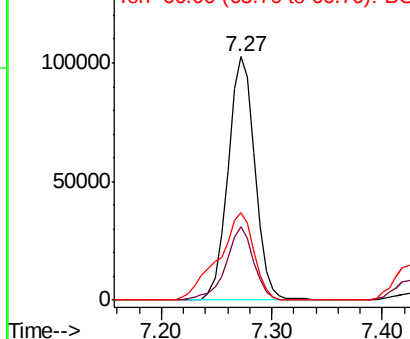
94 100

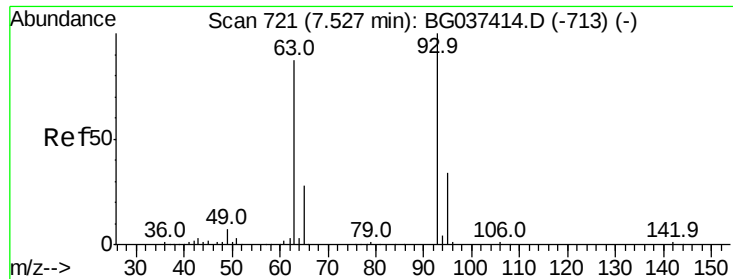
65 30.1 9.7 49.7

66 36.0 15.9 55.9



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

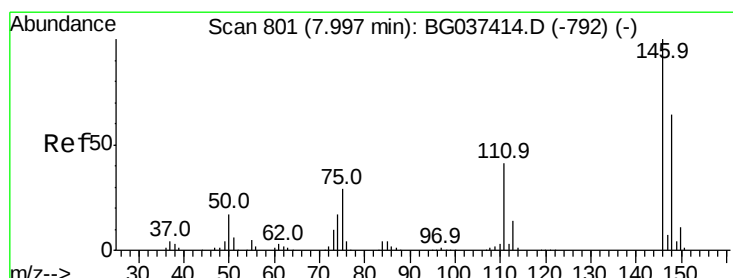
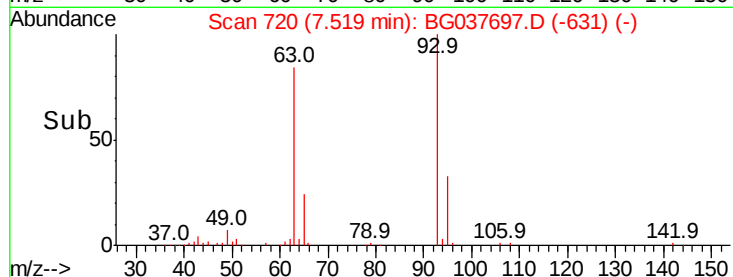
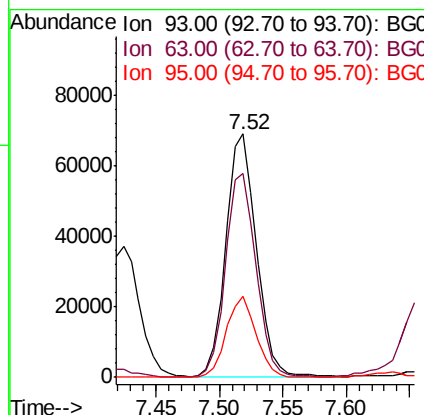
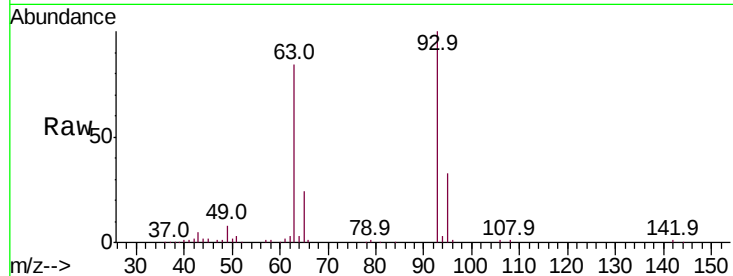




#11
 bis(2-Chloroethyl)ether
 Concen: 32.676 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

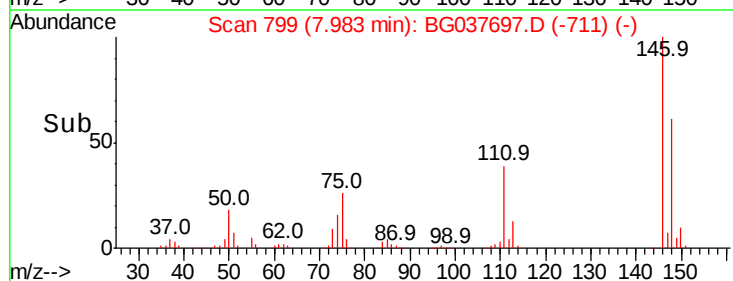
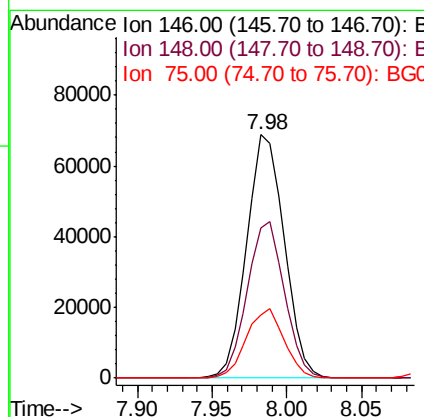
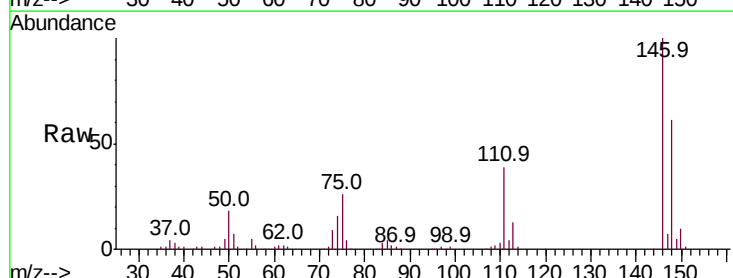
Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

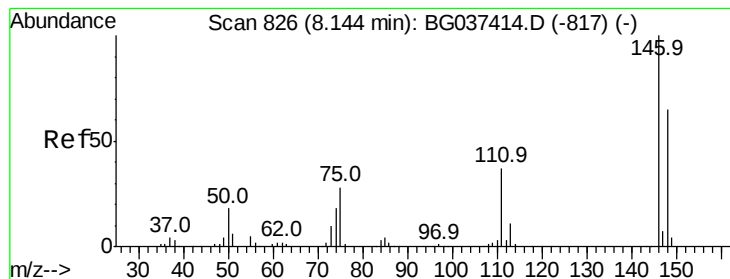
Tot Ion: 93 Resp: 115022
 Ion Ratio Lower Upper
 93 100
 63 83.9 69.5 109.5
 95 33.1 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 31.709 ng
 RT: 7.98 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Tgt Ion: 146 Resp: 119966
 Ion Ratio Lower Upper
 146 100
 148 61.5 49.8 74.8
 75 26.1 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 31.236 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

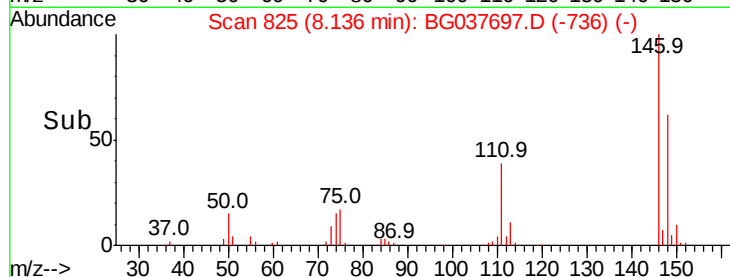
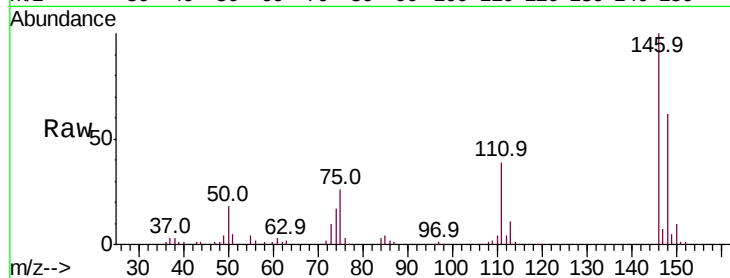
Tot Ion:146 Resp: 120881

Ion Ratio Lower Upper

146 100

148 61.7 51.0 76.6

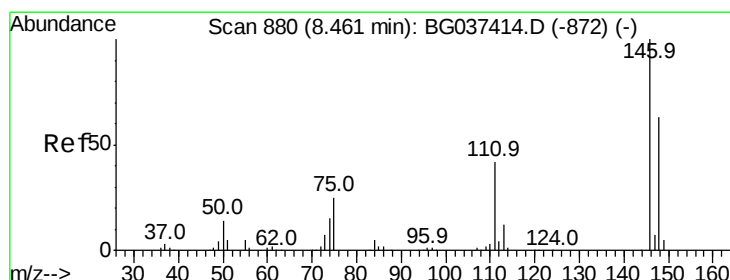
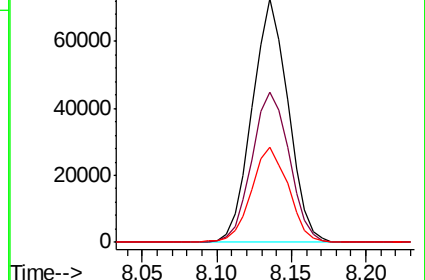
111 39.3 32.4 48.6



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: 31.560 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

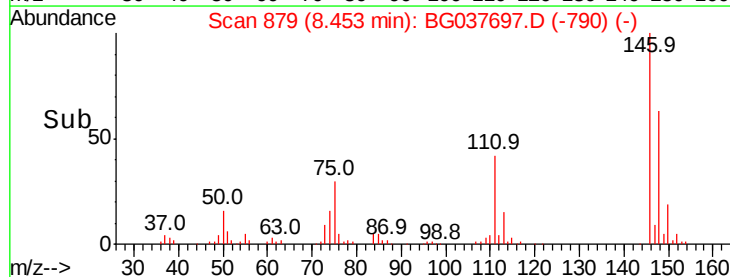
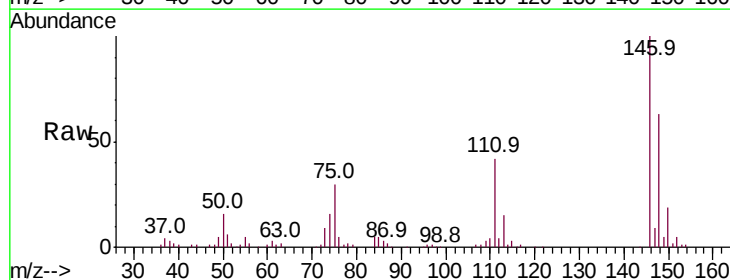
Tgt Ion:146 Resp: 117490

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

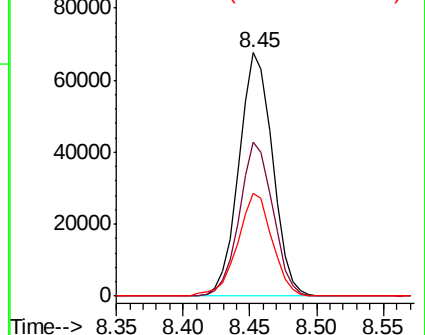
111 42.3 34.6 51.8

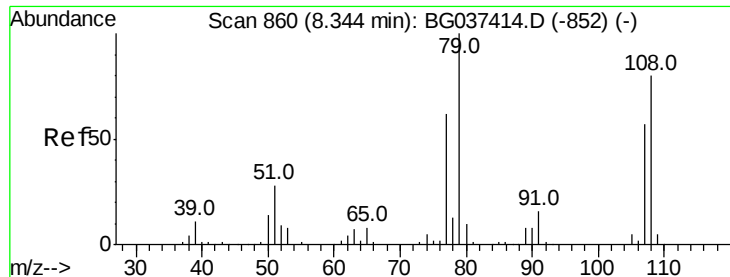


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.444 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

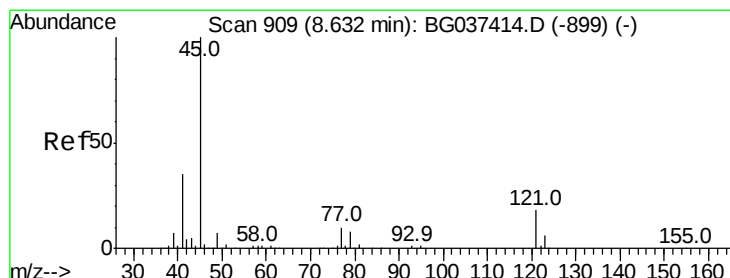
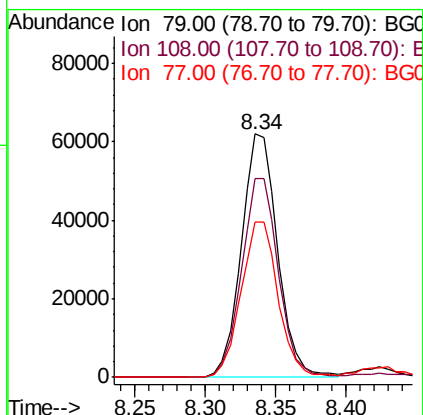
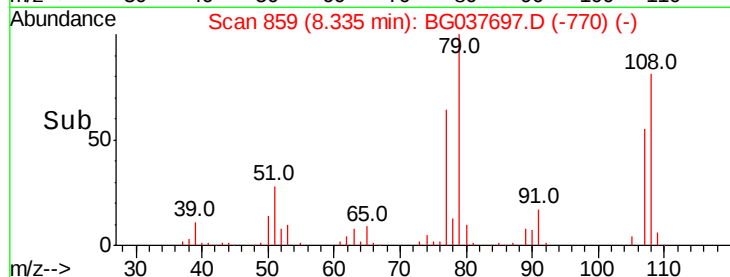
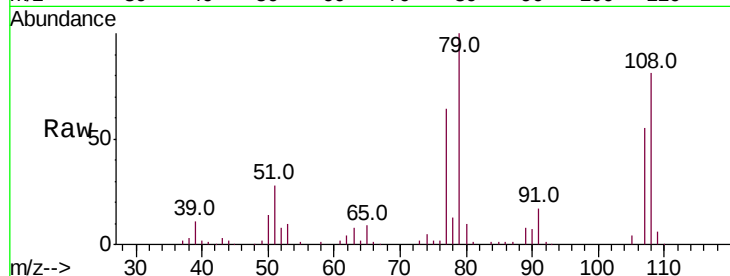
Tot Ion: 79 Resp: 111797

Ion Ratio Lower Upper

79 100

108 81.4 65.8 98.8

77 63.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.235 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

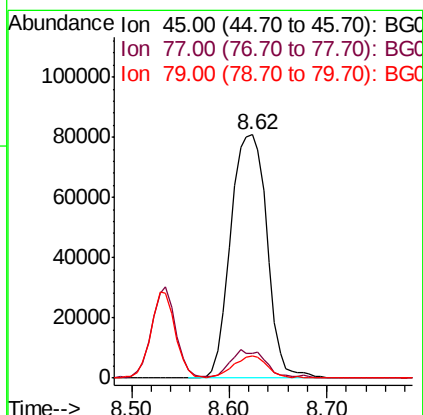
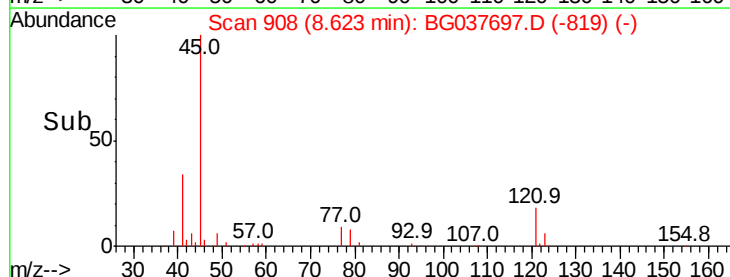
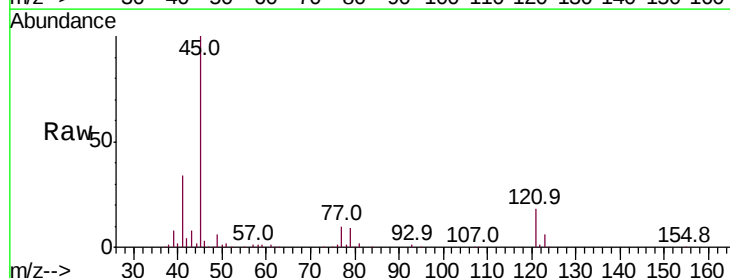
Tgt Ion: 45 Resp: 209327

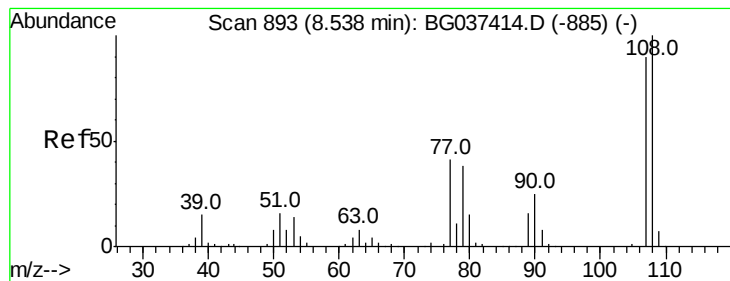
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.0

79 9.0 0.0 29.0

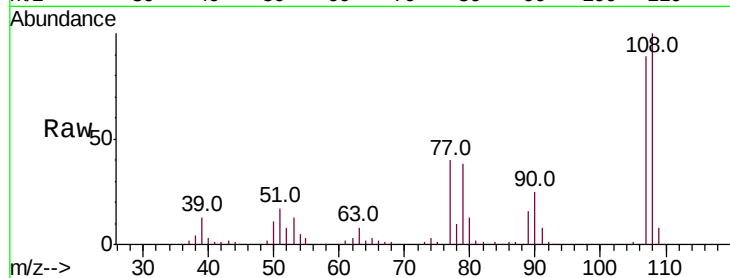




#17
2-Methylphenol
Concen: 38.585 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:	107	Resp:	118229
Ion	Ratio	Lower	Upper
107	100		
108	112.9	87.9	131.9
77	45.7	35.1	52.7
79	42.5	34.5	51.7



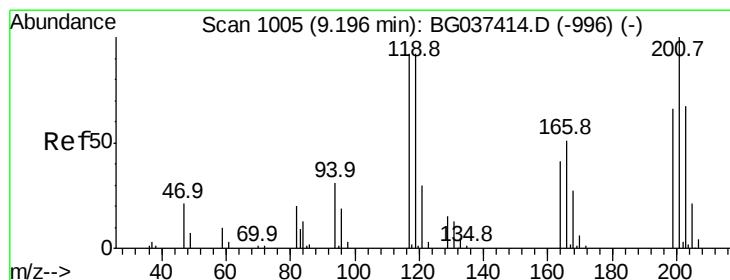
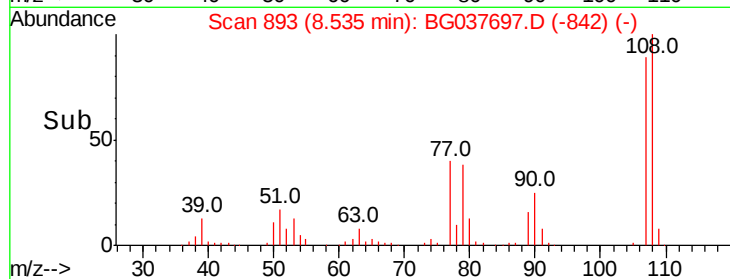
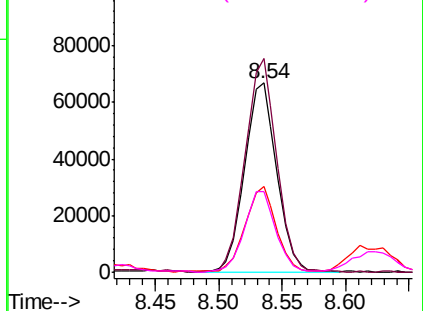
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

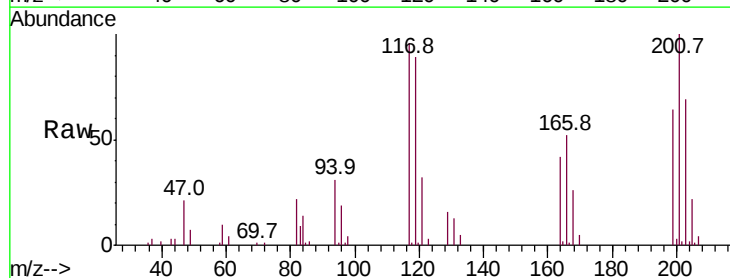
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 32.502 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:	117	Resp:	42881
Ion	Ratio	Lower	Upper
117	100		
119	92.4	74.6	111.8
201	106.3	80.8	121.2

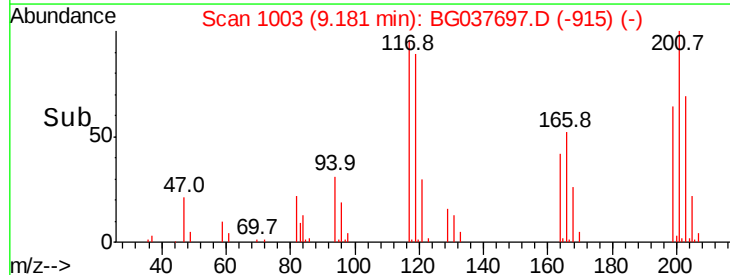
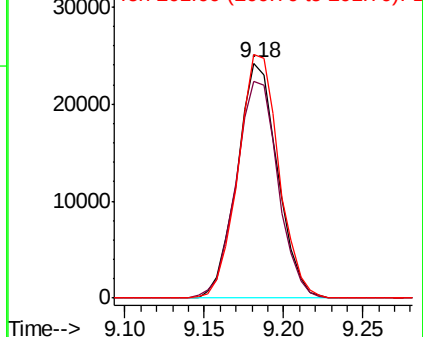


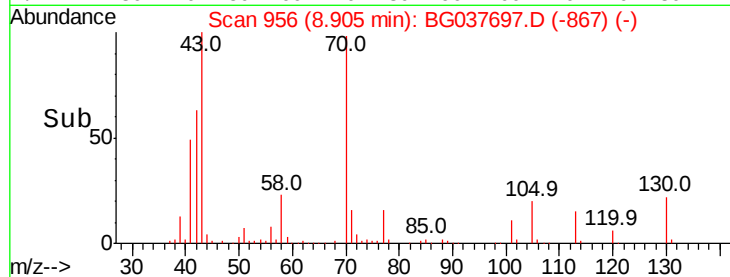
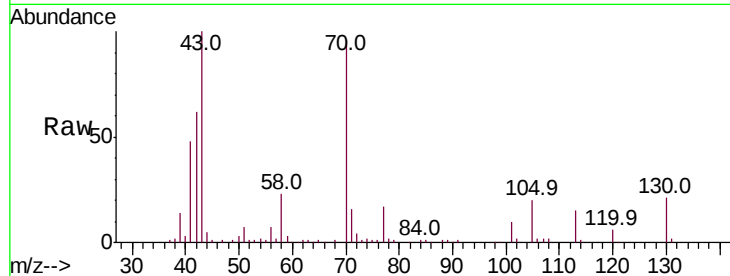
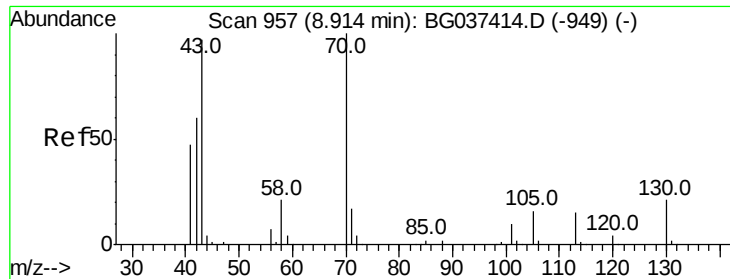
Abundance

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

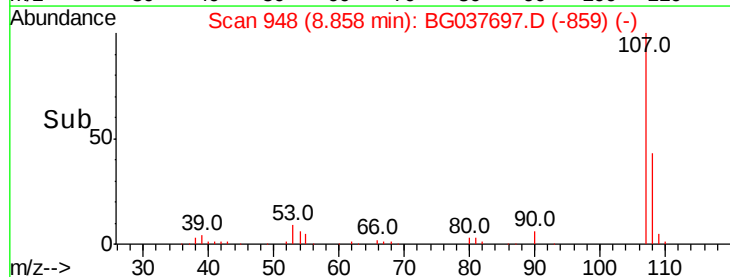
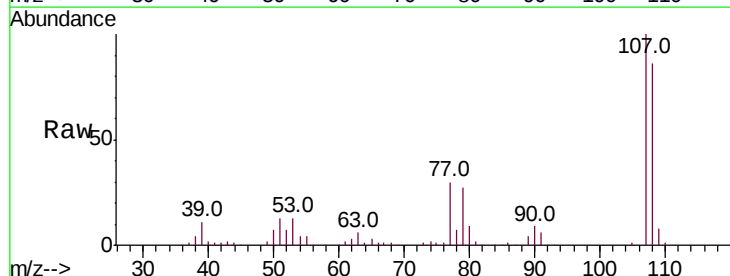
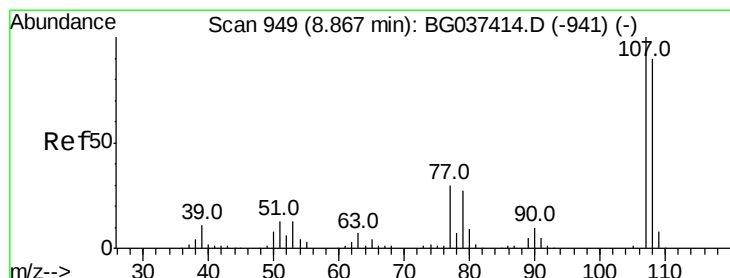
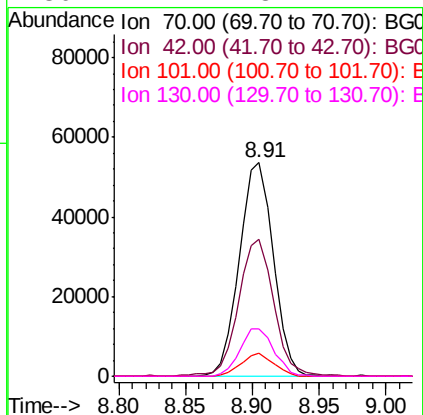




#19
n-Nitroso-di-n-propylamine
Concen: 31.179 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

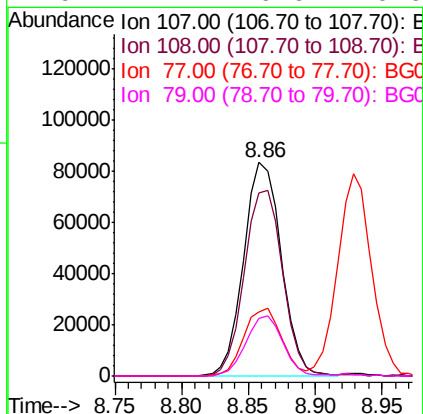
Instrument :
BNA_G
ClientSampleId :
PB114346BS

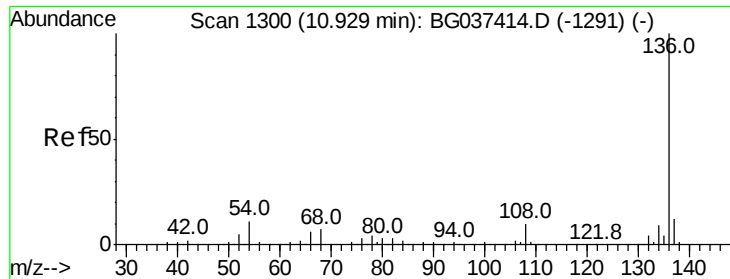
Tot Ion:	70	Resp:	94313
Ion	Ratio	Lower	Upper
70	100		
42	64.0	53.9	80.9
101	10.8	8.2	12.2
130	22.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 37.193 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:	107	Resp:	162938
Ion	Ratio	Lower	Upper
107	100		
108	85.9	69.9	109.9
77	29.8	11.2	51.2
79	27.1	6.6	46.6

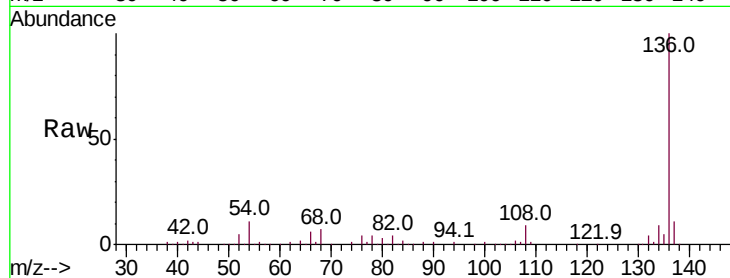




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:136	Resp:	222860
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.6	14.4
54 10.8	7.9	11.9
68 6.9	4.8	7.2



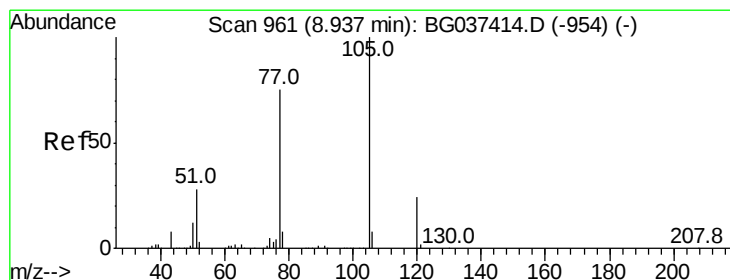
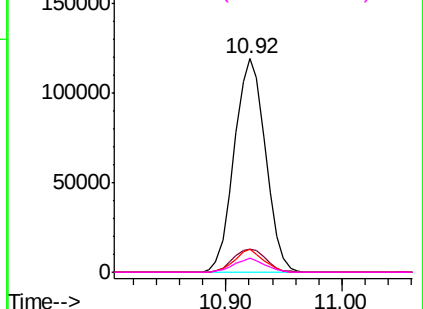
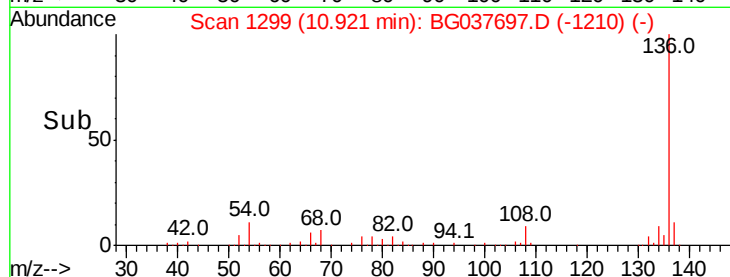
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

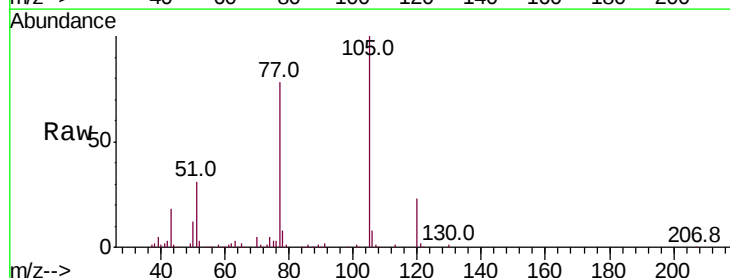
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 32.565 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt	Ion:105	Resp:	182011
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	30.8	25.0	37.6
120	23.3	18.6	28.0



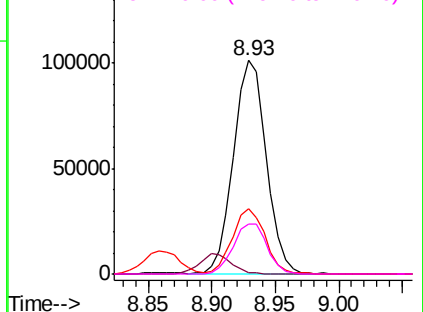
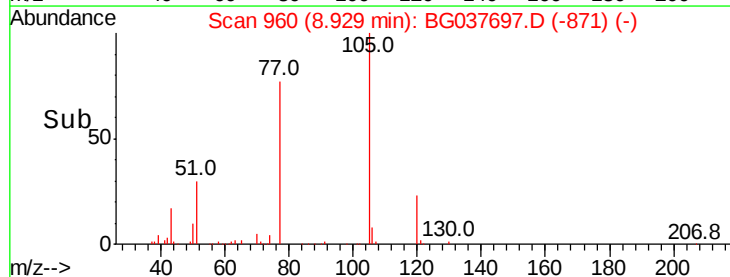
Abundance

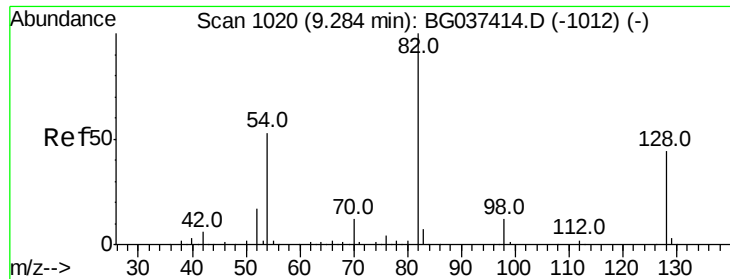
Ion 105.00 (104.70 to 105.70): E

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

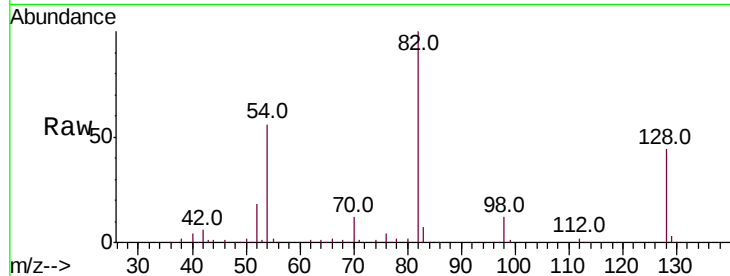




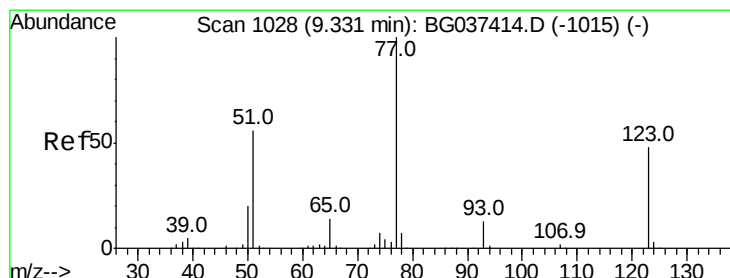
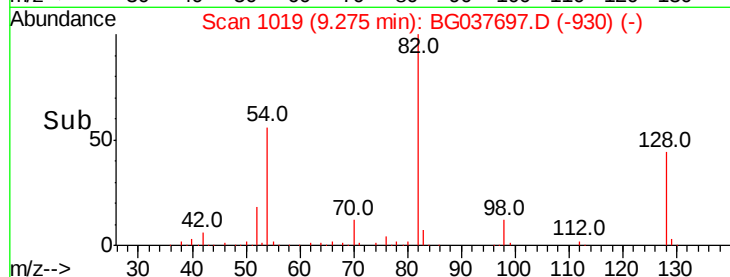
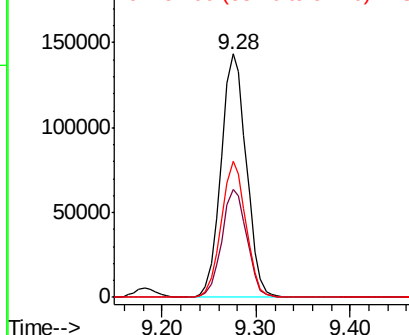
#23
Nitrobenzene-d5
Concen: 67.471 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion: 82 Resp: 268420
Ion Ratio Lower Upper
82 100
128 44.2 34.6 51.8
54 55.9 45.3 67.9

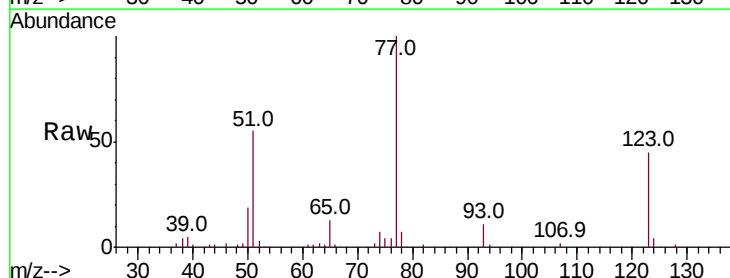


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

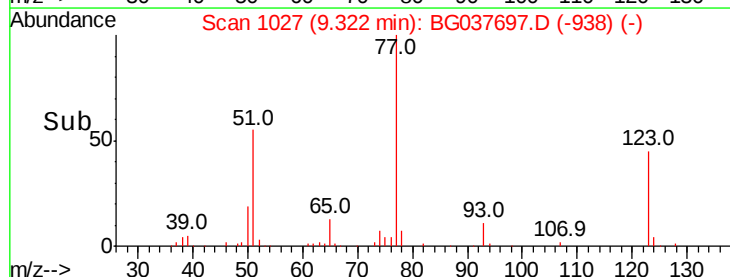
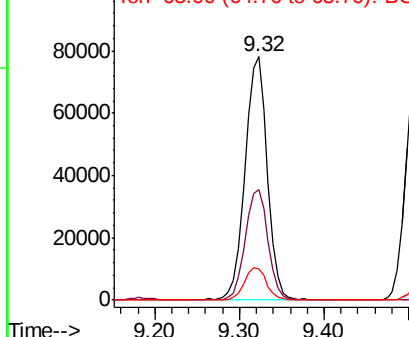


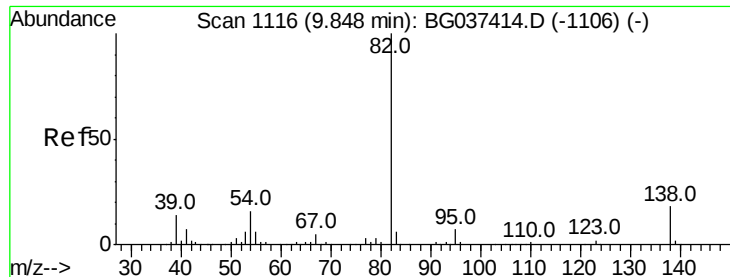
#24
Nitrobenzene
Concen: 34.591 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion: 77 Resp: 142958
Ion Ratio Lower Upper
77 100
123 45.4 33.6 50.4
65 12.8 11.3 16.9



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





#25

Isophorone

Concen: 37.221 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

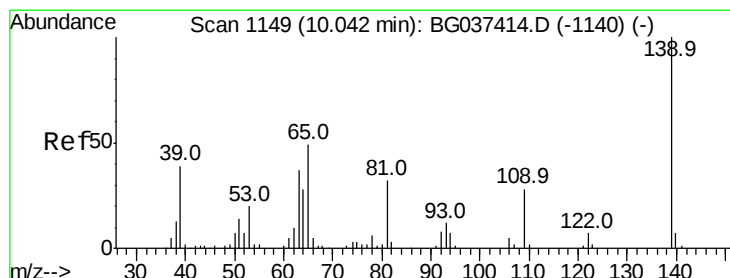
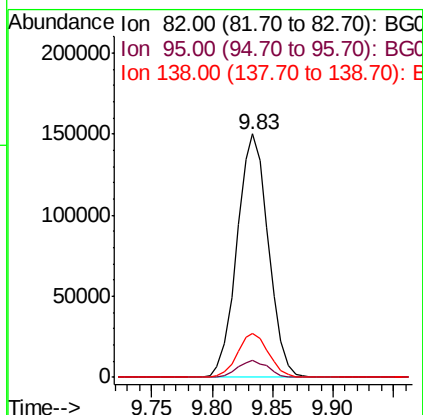
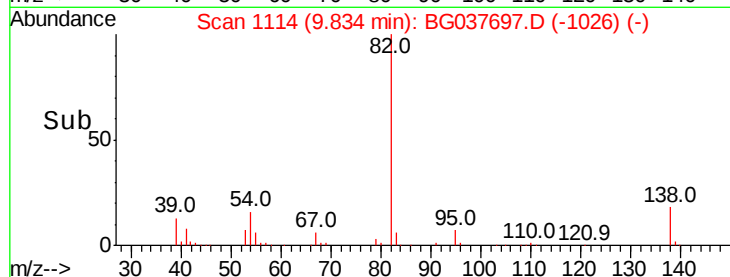
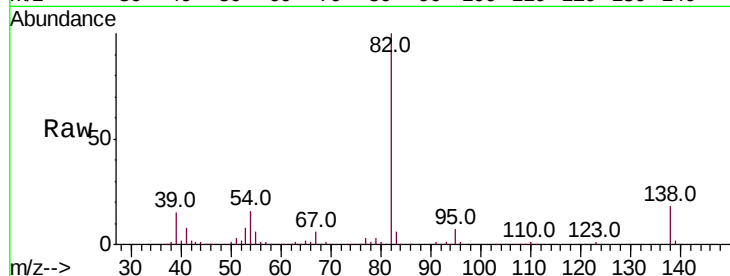
Tot Ion: 82 Resp: 270562

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

138 18.0 13.3 19.9



#26

2-Nitrophenol

Concen: 37.496 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

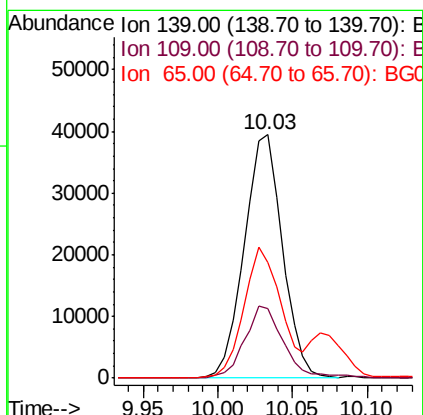
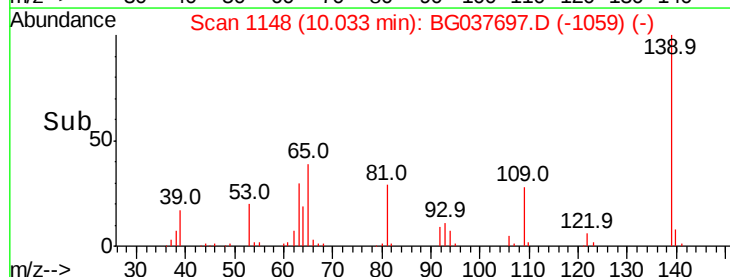
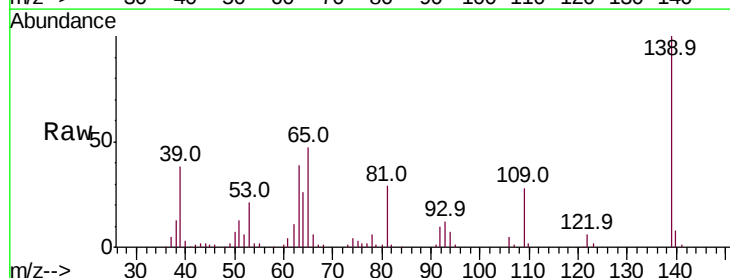
Tgt Ion: 139 Resp: 69810

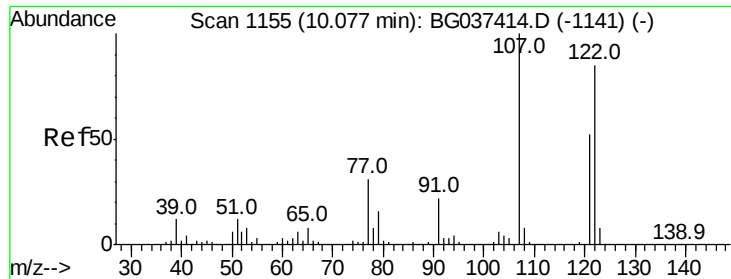
Ion Ratio Lower Upper

139 100

109 28.4 23.3 34.9

65 47.4 39.8 59.8

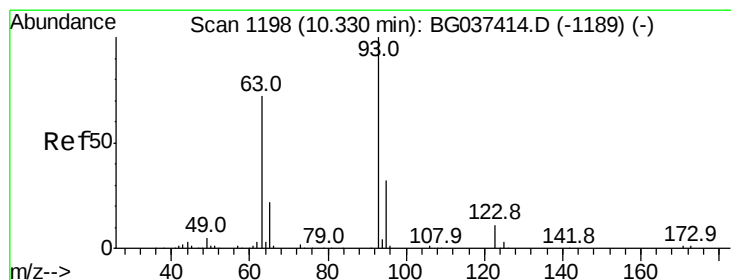
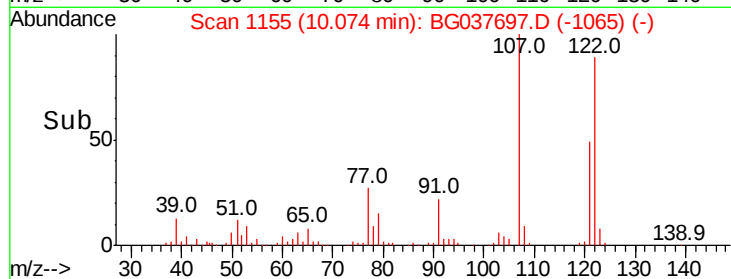
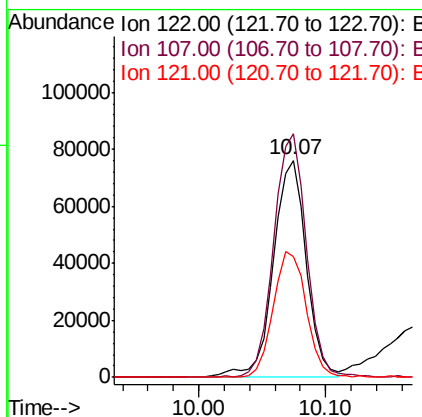
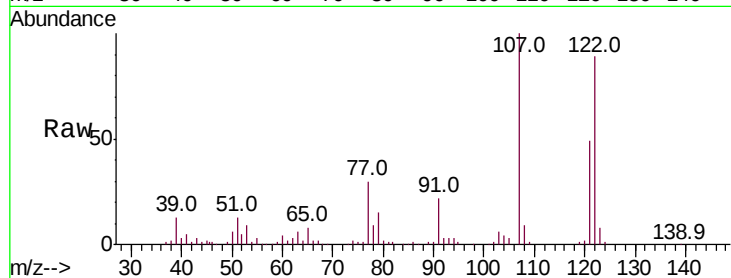




#27
 2,4-Dimethylphenol
 Concen: 41.529 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

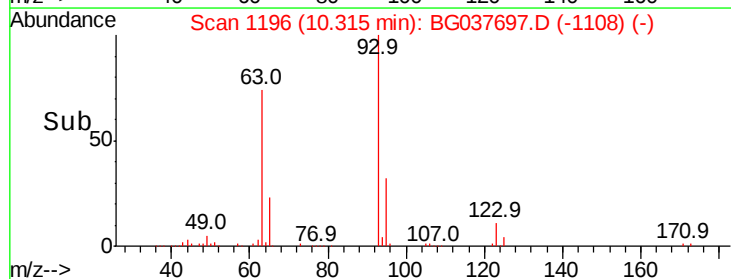
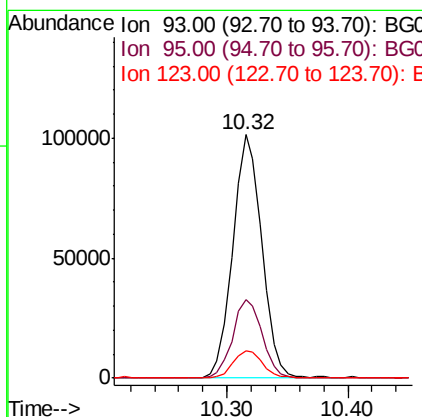
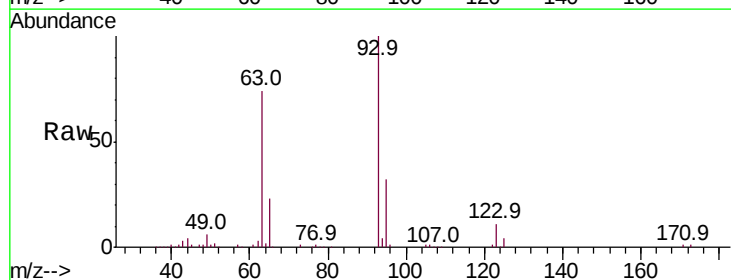
Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

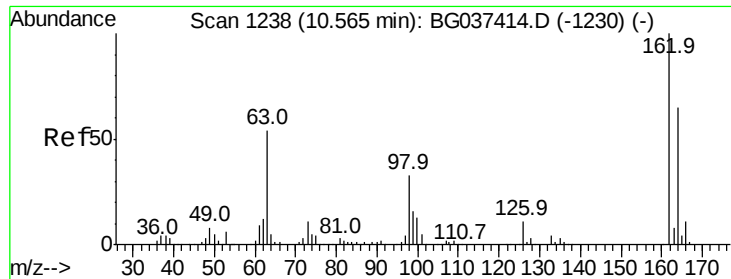
Tot Ion:122 Resp: 138052
 Ion Ratio Lower Upper
 122 100
 107 112.0 94.2 141.2
 121 55.4 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.630 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Tgt Ion: 93 Resp: 169689
 Ion Ratio Lower Upper
 93 100
 95 32.1 24.6 37.0
 123 11.1 9.1 13.7

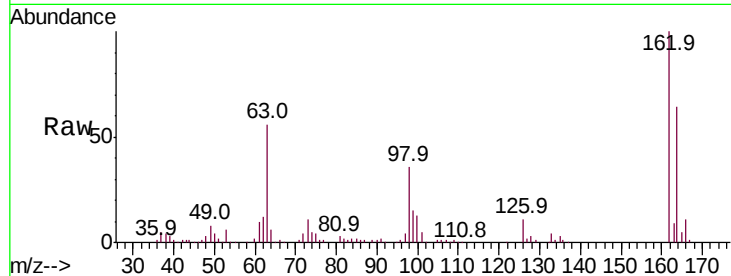




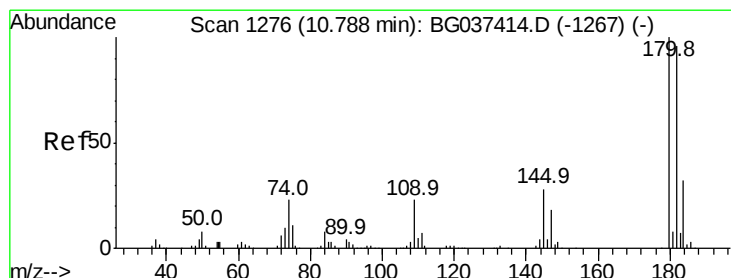
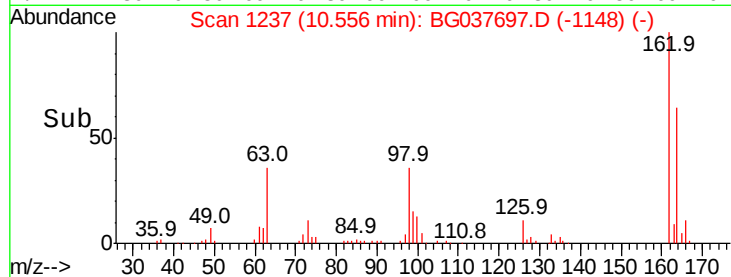
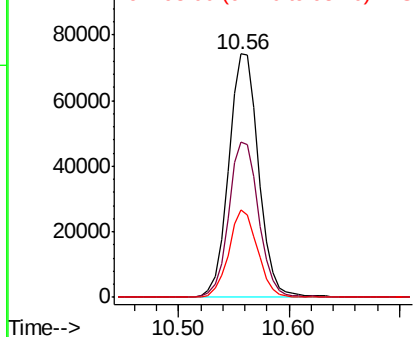
#29
 2,4-Dichlorophenol
 Concen: 38.087 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.2	83.2
98	35.8	16.0	56.0

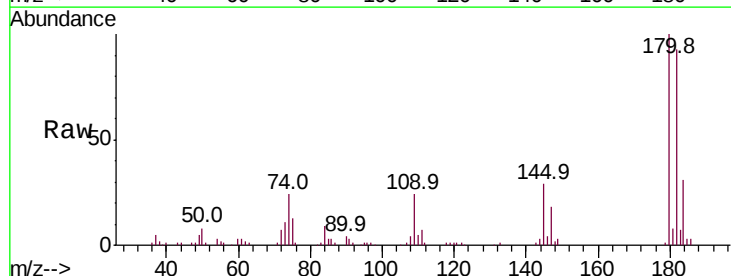


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

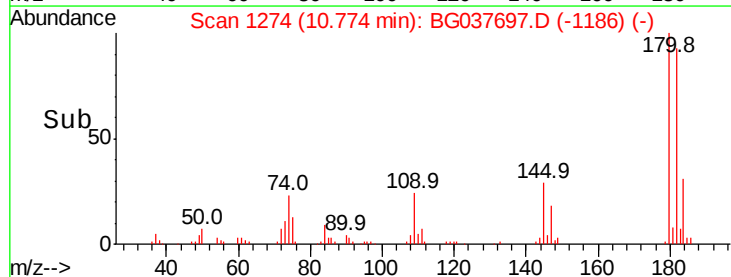
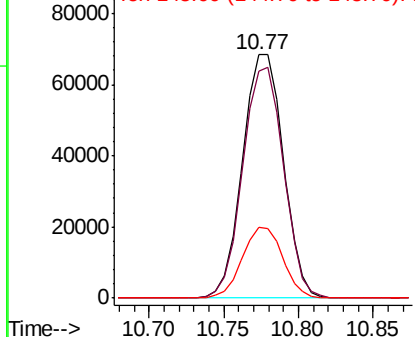


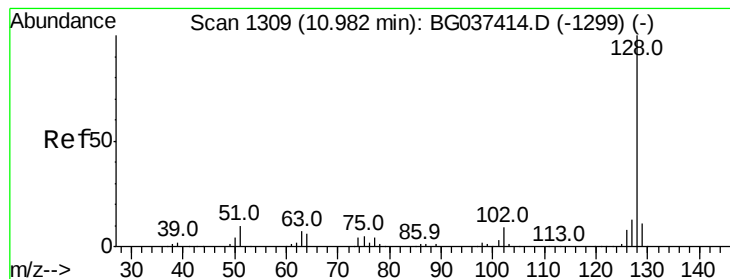
#30
 1,2,4-Trichlorobenzene
 Concen: 32.190 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.7	116.5
145	29.0	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: 35.979 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

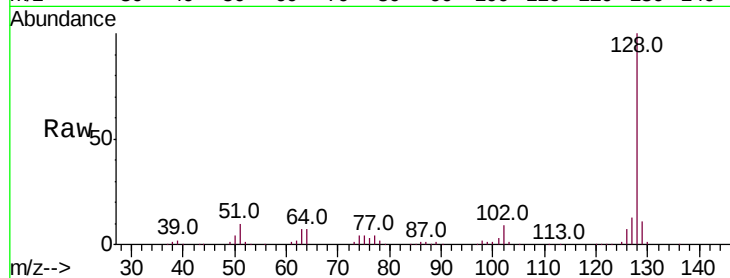
Tot Ion:128 Resp: 393835

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

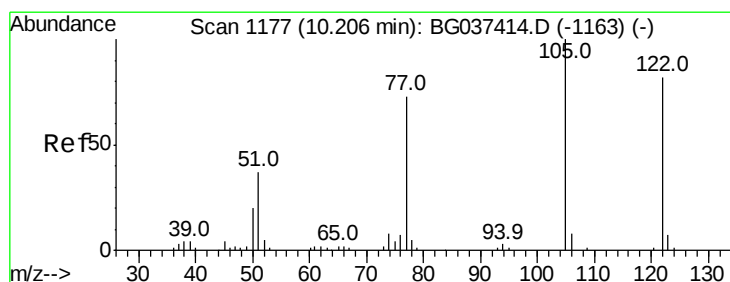
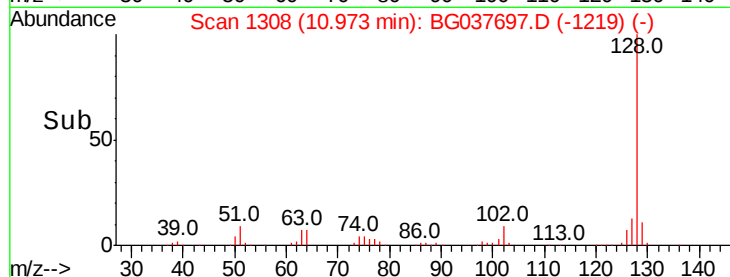
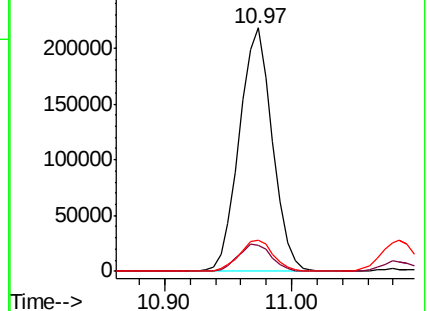
127 13.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.602 ng

RT: 10.17 min Scan# 1172

Delta R.T. -0.03 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

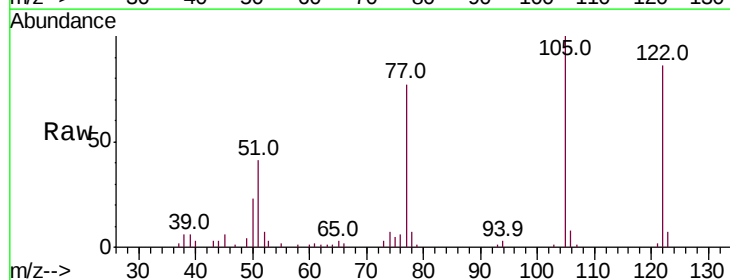
Tgt Ion:122 Resp: 61756

Ion Ratio Lower Upper

122 100

105 116.0 106.7 146.7

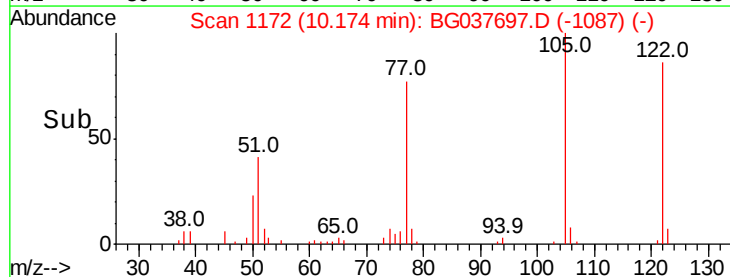
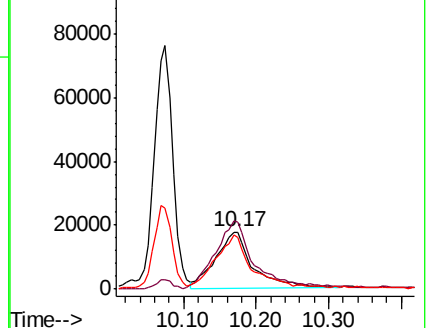
77 89.0 72.2 112.2

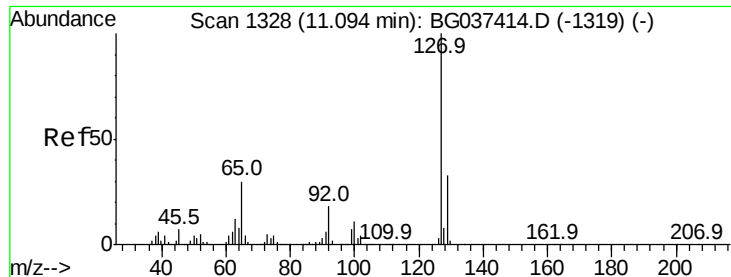


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

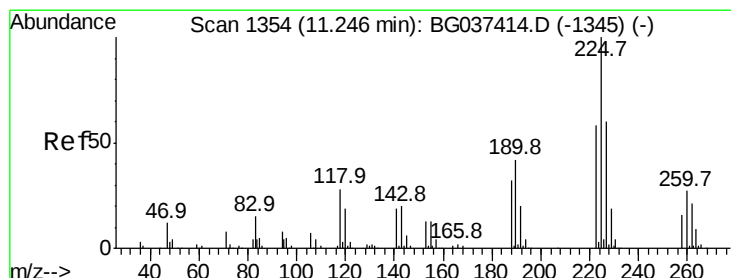
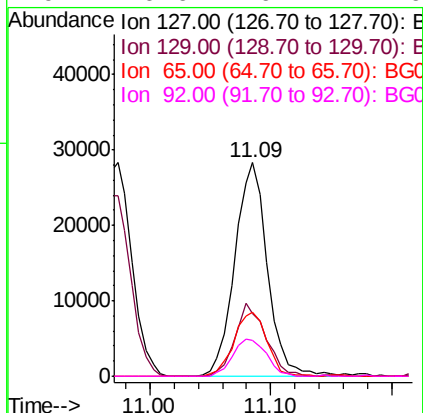
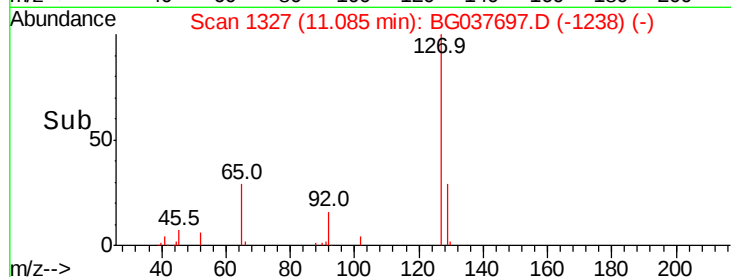
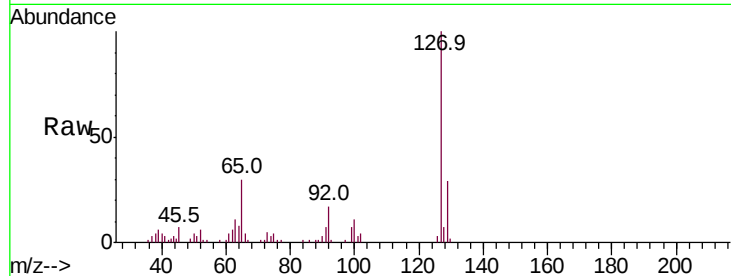




#33
4-Chloroaniline
Concen: 10.358 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

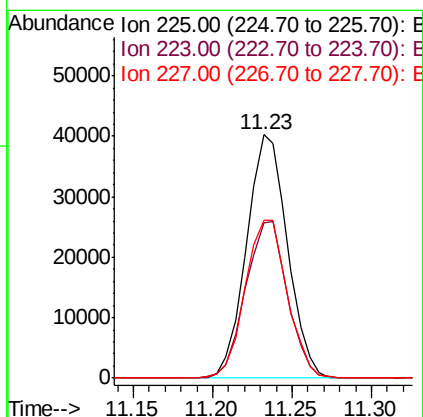
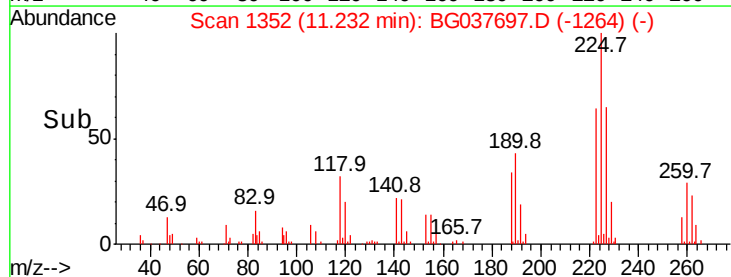
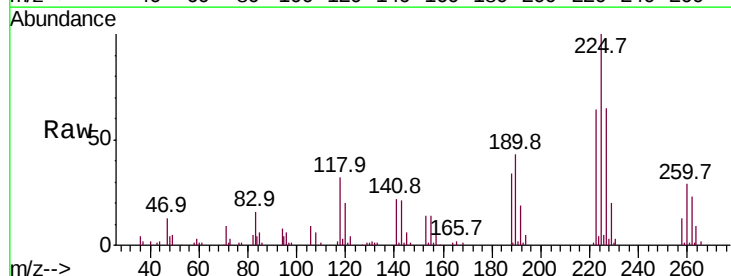
Instrument :
BNA_G
ClientSampleId :
PB114346BS

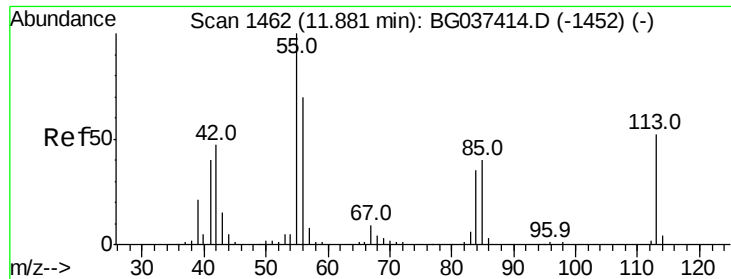
Tot Ion:	127	Resp:	53276
Ion	Ratio	Lower	Upper
127	100		
129	29.1	27.1	40.7
65	30.1	26.6	39.8
92	16.6	16.4	24.6



#34
Hexachlorobutadiene
Concen: 30.251 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:	225	Resp:	72165
Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.2	72.4
227	64.1	51.6	77.4

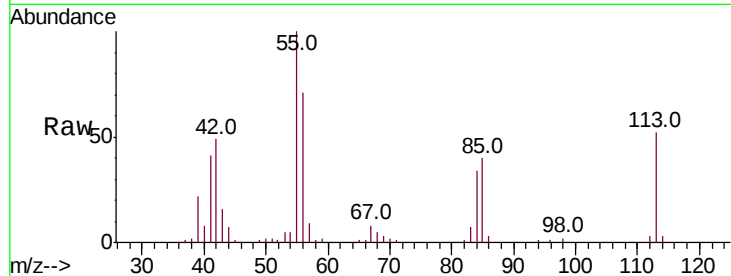




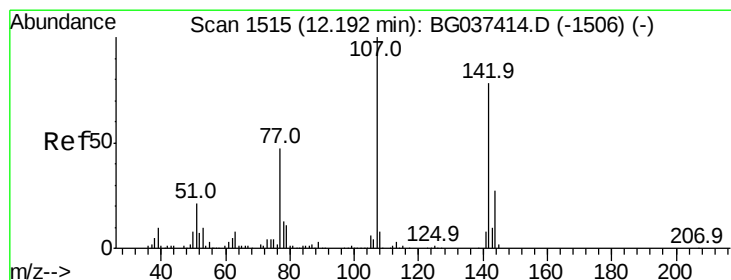
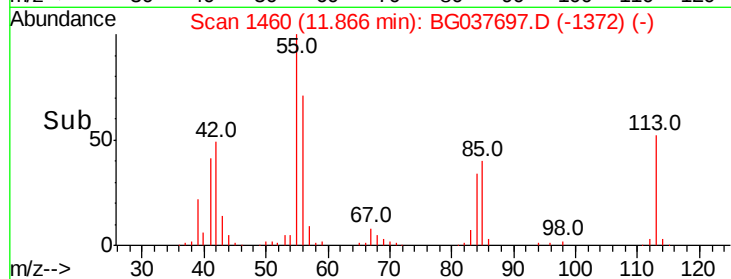
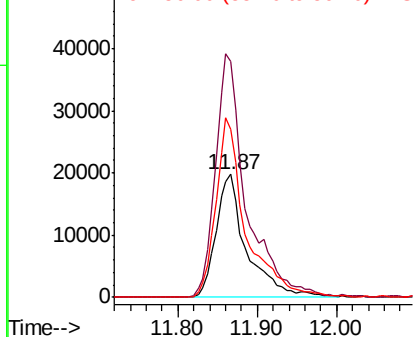
#35
 Caprolactam
 Concen: 35.437 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Instrument :
 BNA_G
 ClientSampleID :
 PB114346BS

Tot Ion:113 Resp: 52604
 Ion Ratio Lower Upper
 113 100
 55 191.5 176.6 216.6
 56 136.4 128.3 168.3

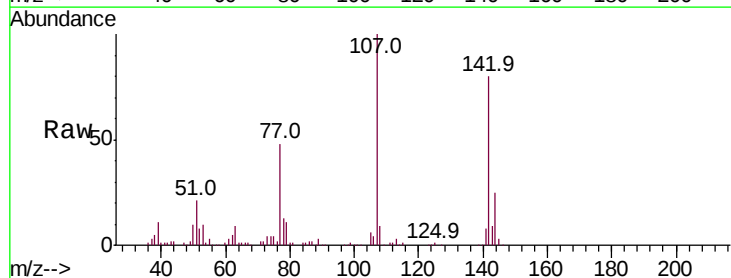


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

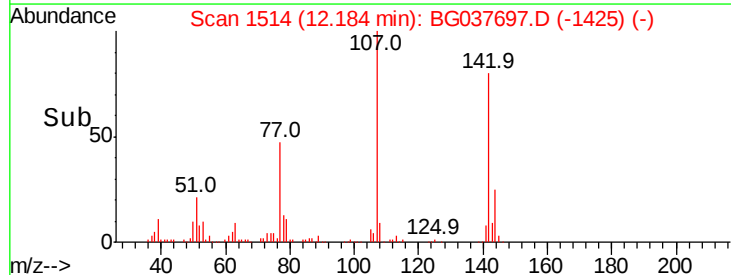
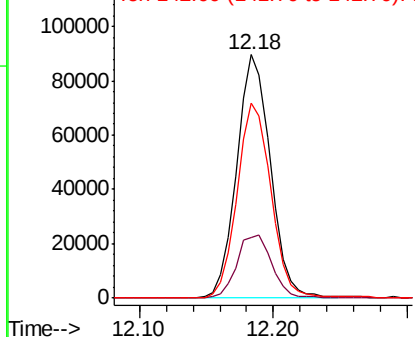


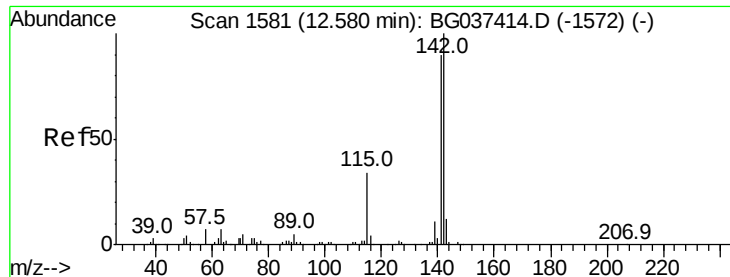
#36
 4-Chloro-3-methylphenol
 Concen: 37.579 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Tgt Ion:107 Resp: 156858
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.7 31.1
 142 80.1 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.761 ng

RT: 12.57 min Scan# 1579

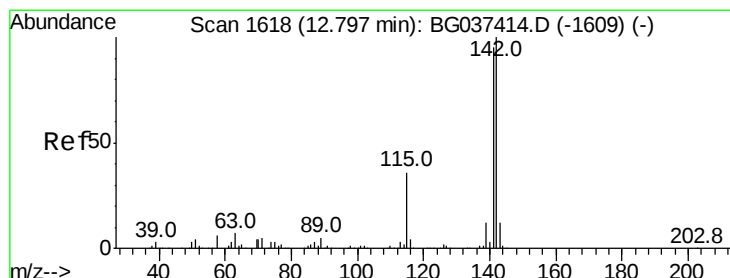
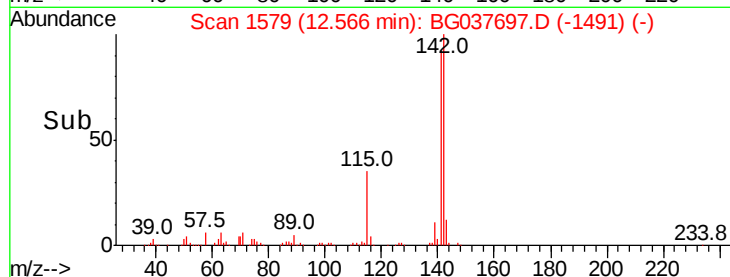
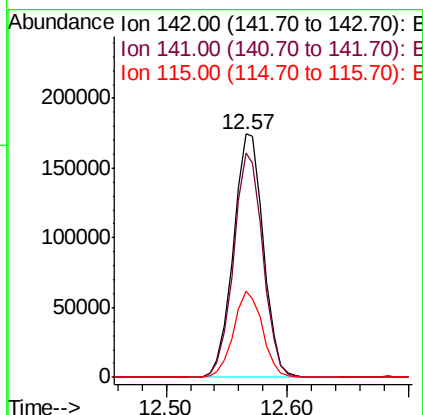
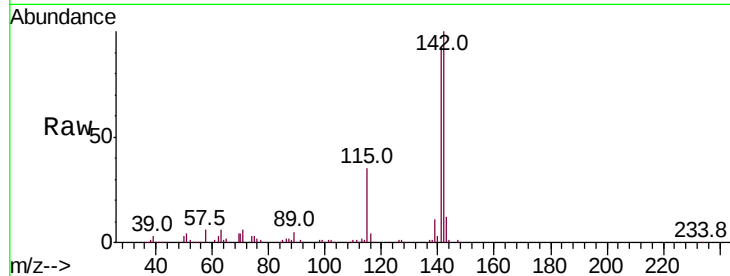
Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.9	107.9
115	35.4	27.8	41.8



#38

1-Methylnaphthalene

Concen: 37.267 ng

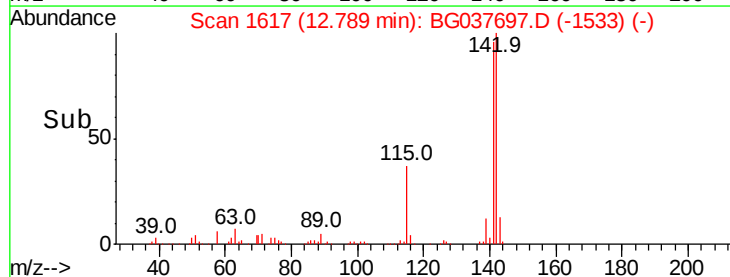
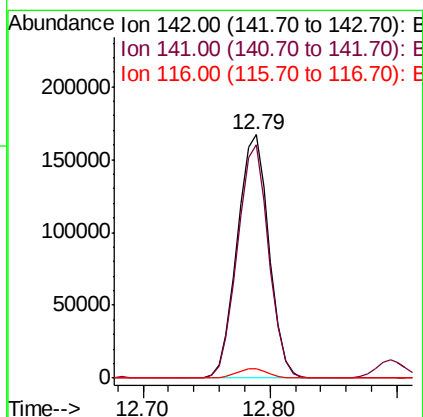
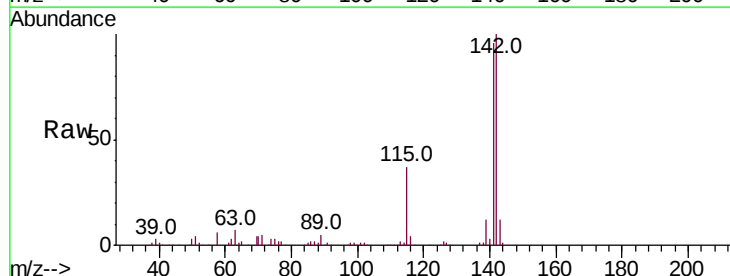
RT: 12.79 min Scan# 1617

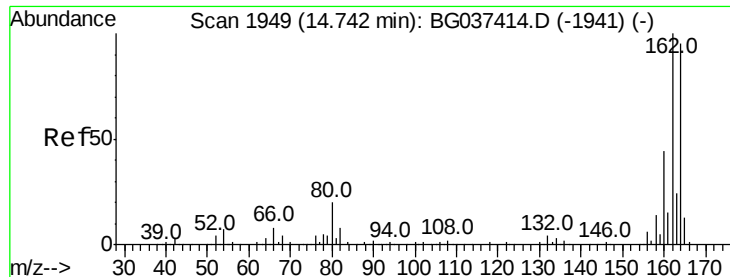
Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.2	112.8
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

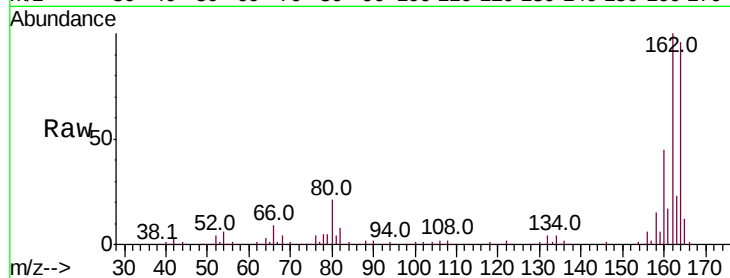
BNA_G

ClientSampleId :

PB114346BS

Tot Ion:164 Resp: 153795

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	46.4	36.3	54.5

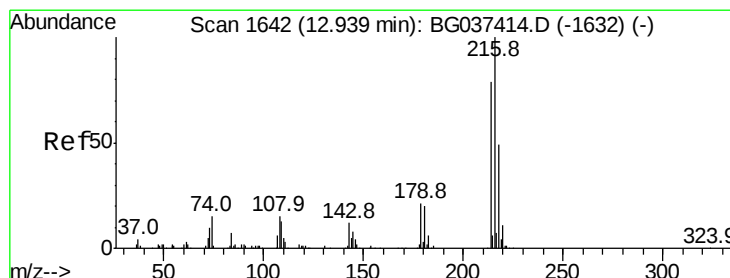
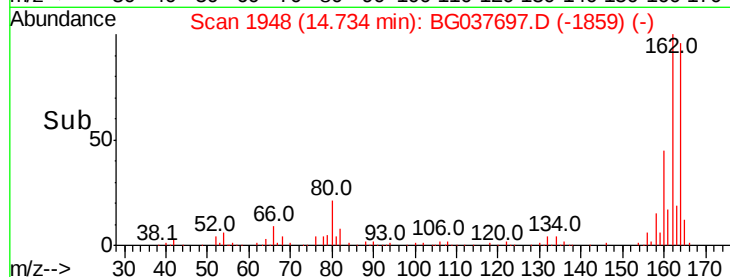
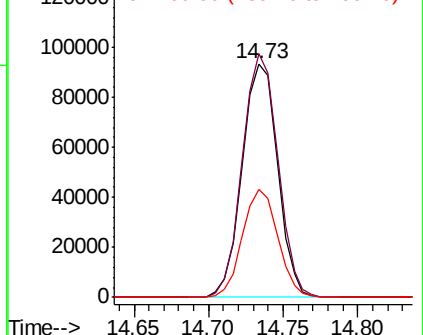


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.997 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Tgt Ion:216 Resp: 153768

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	21.1	17.4	26.0
108	18.8	13.9	20.9

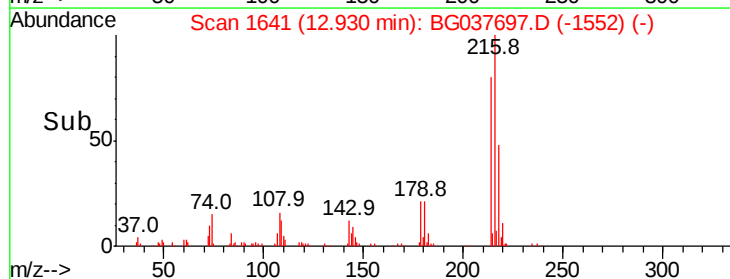
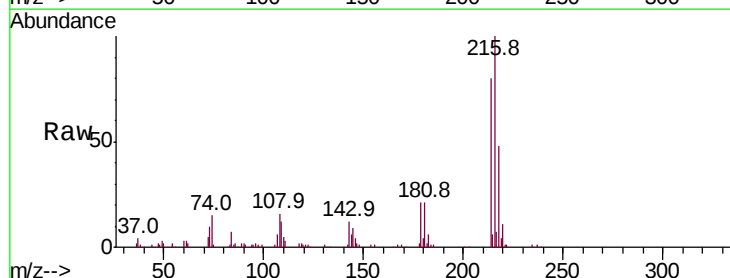
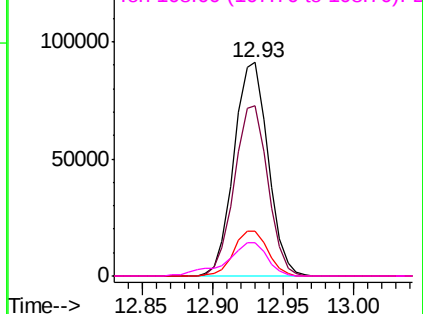
Abundance

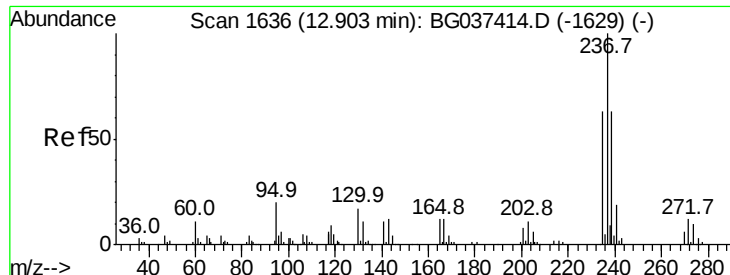
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 73.150 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

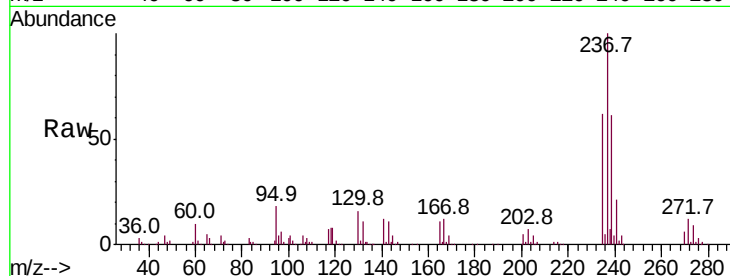
Tot Ion:237 Resp: 173336

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.5	82.5
272	11.8	0.0	31.6

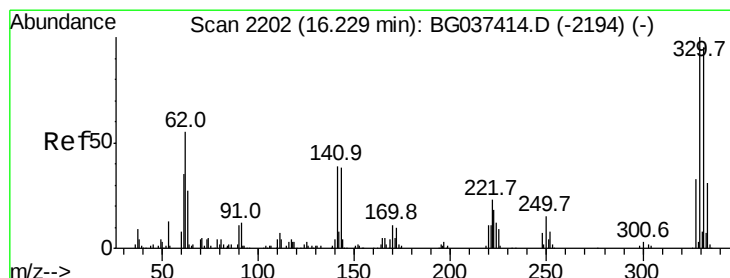
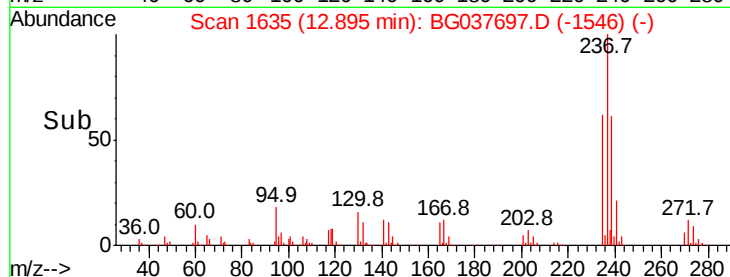
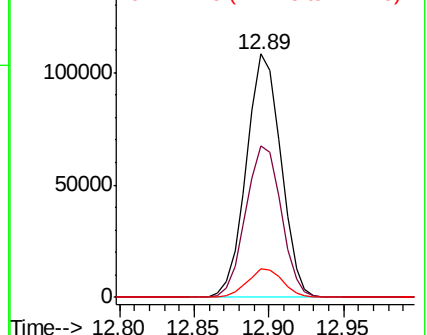
237 100

235 62.1 42.5 82.5

272 11.8 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 102.859 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

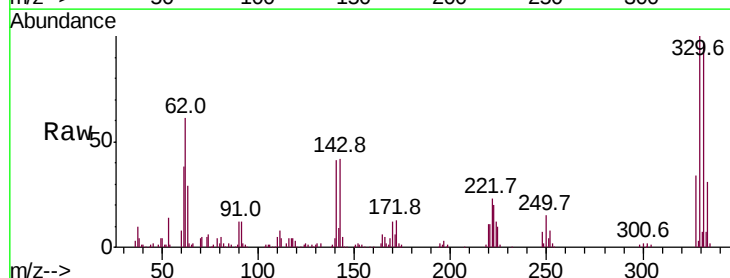
Tgt Ion:330 Resp: 172539

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	39.9	32.2	48.2

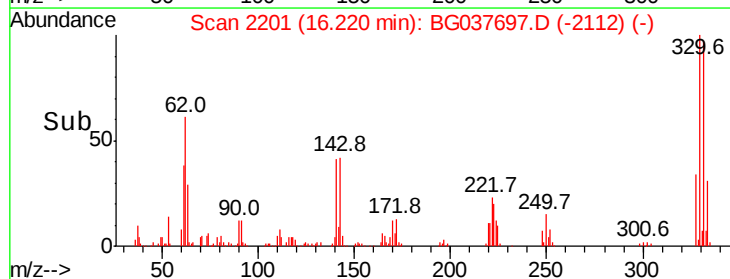
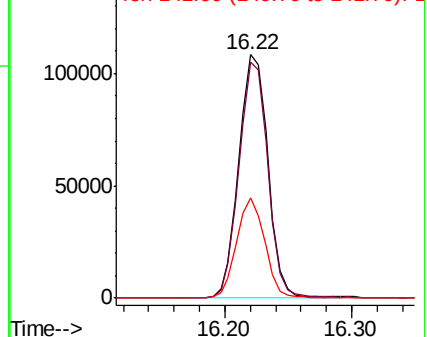
330 100

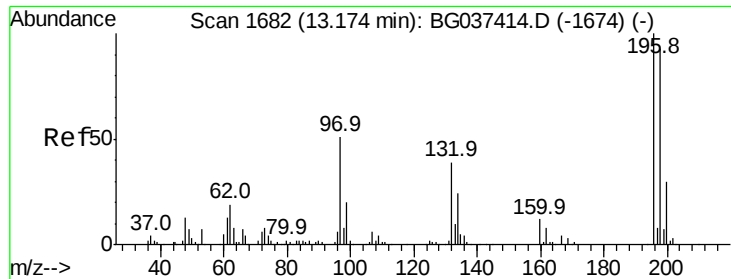
332 96.1 78.4 117.6

141 39.9 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

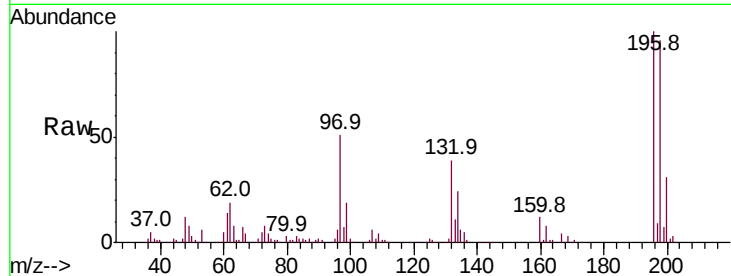




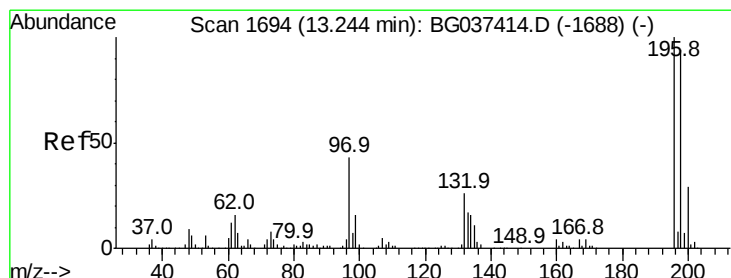
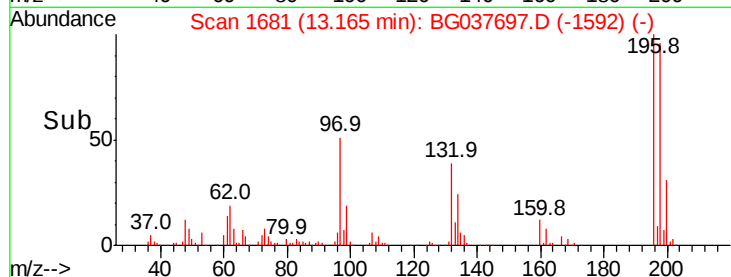
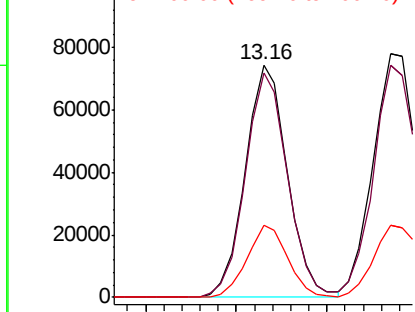
#43
 2,4,6-Trichlorophenol
 Concen: 36.401 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Instrument :
 BNA_G
 ClientSampleID :
 PB114346BS

Tot Ion:196 Resp: 120640
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.4 114.6
 200 31.1 24.9 37.3



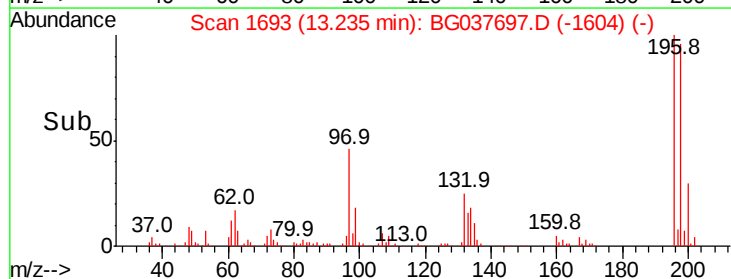
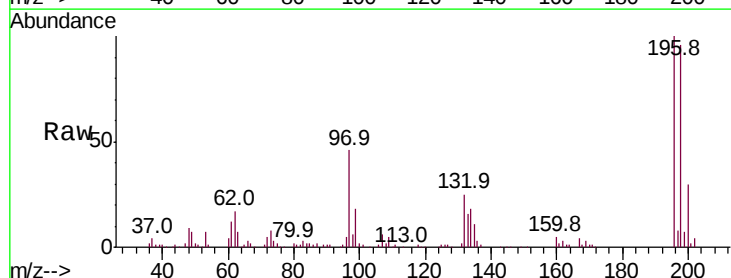
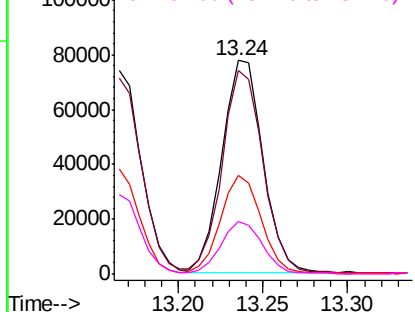
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

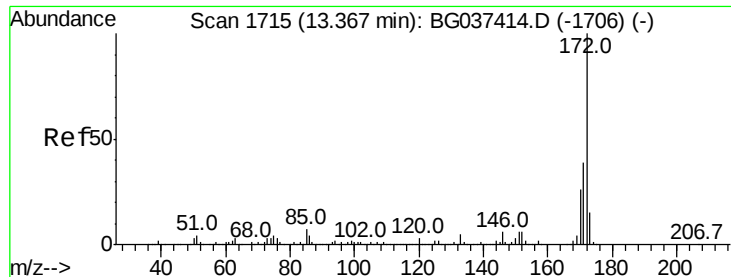


#44
 2,4,5-Trichlorophenol
 Concen: 36.366 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Tgt Ion:196 Resp: 131221
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.2
 97 46.4 34.1 51.1
 132 24.8 20.2 30.4

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



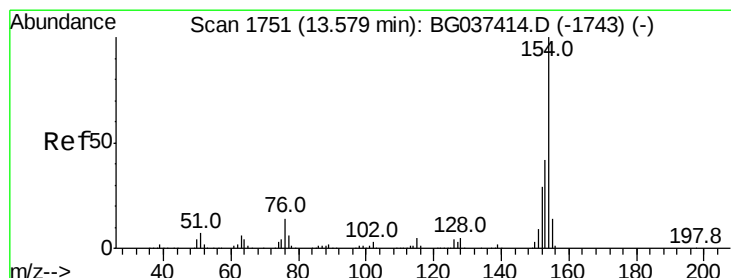
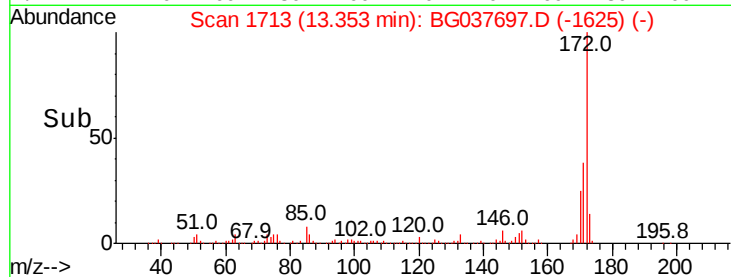
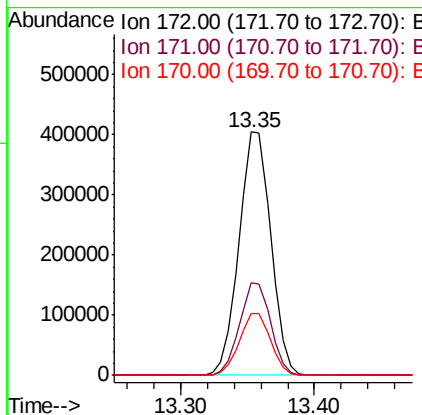
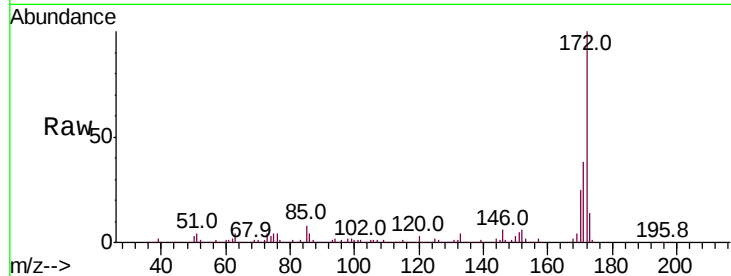


#45
 2-Fluorobiphenyl
 Concen: 65.302 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion:172 Resp: 666015

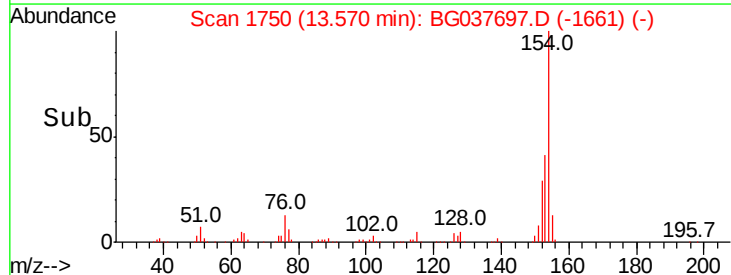
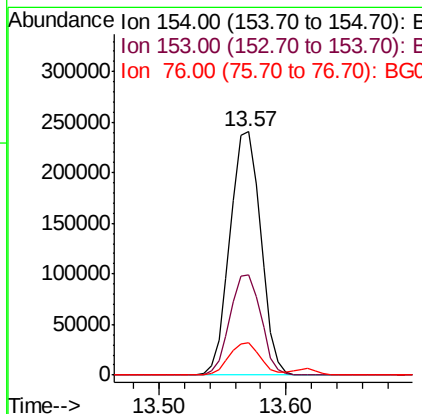
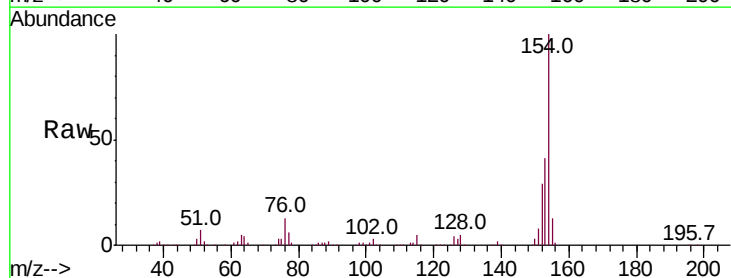
Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.4	20.2	30.2

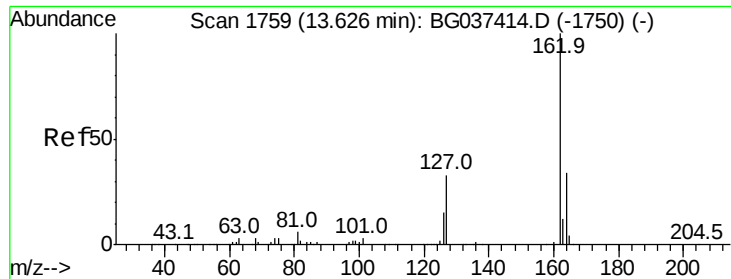


#46
 1,1'-Biphenyl
 Concen: 31.760 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Tgt Ion:154 Resp: 404518

Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.1	62.1
76	13.4	0.0	33.2

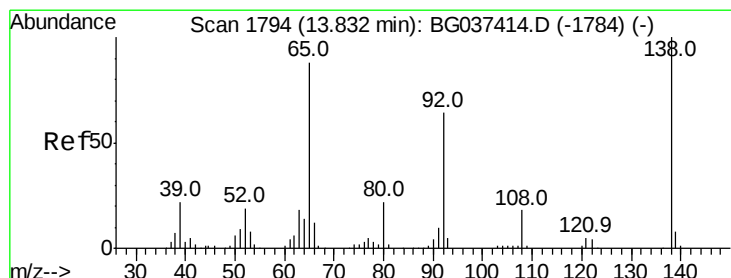
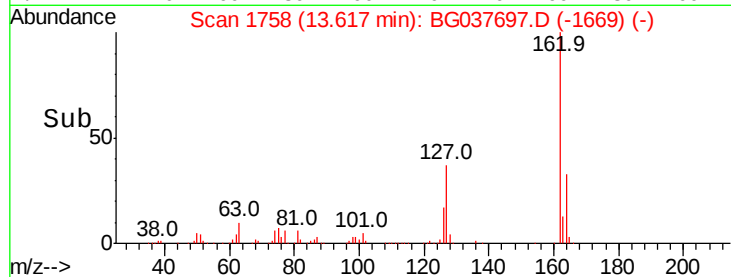
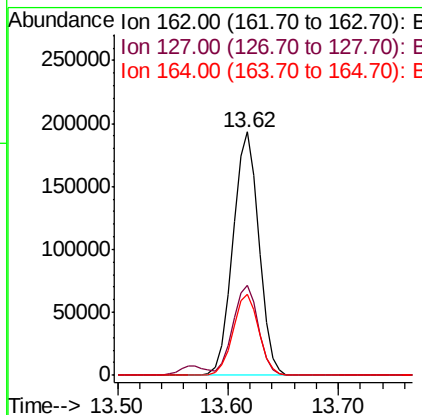
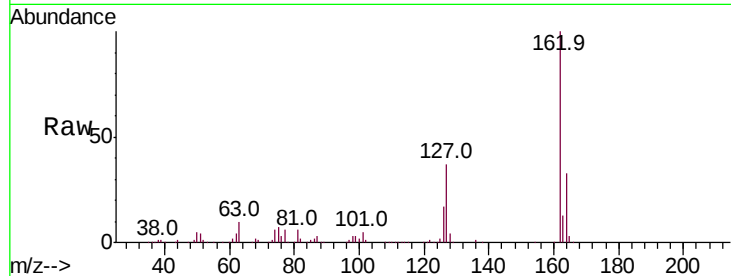




#47
 2-Chloronaphthalene
 Concen: 33.088 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

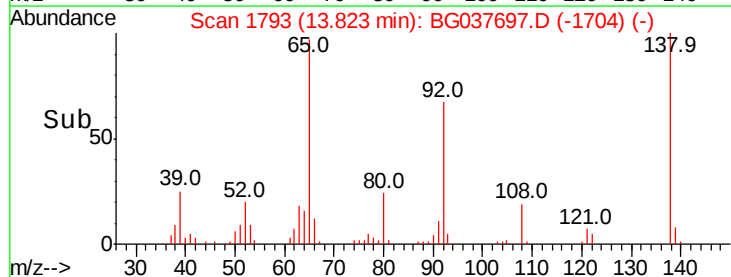
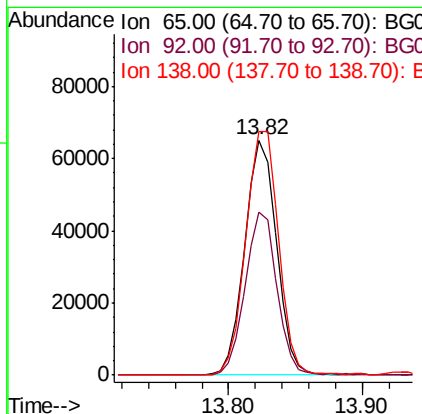
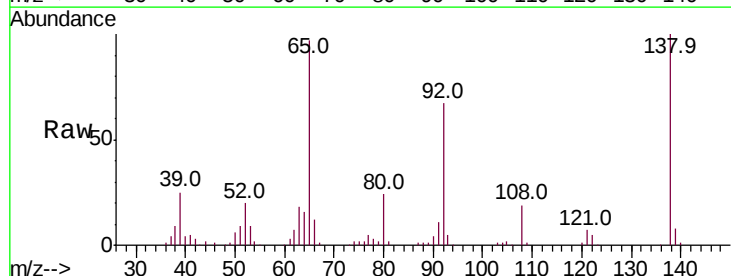
Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

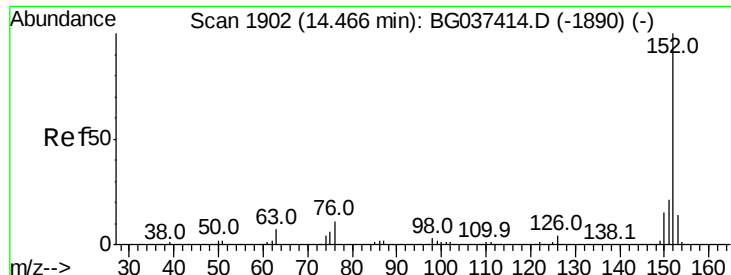
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	33.1	26.4	39.6



#48
 2-Nitroaniline
 Concen: 36.725 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.2	79.8
138	103.4	79.3	118.9





#49

Acenaphthylene

Concen: 36.848 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

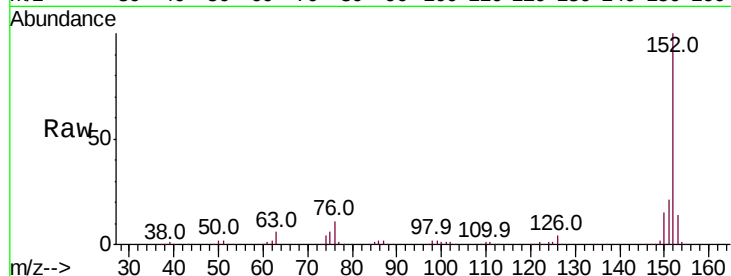
Tot Ion:152 Resp: 534113

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

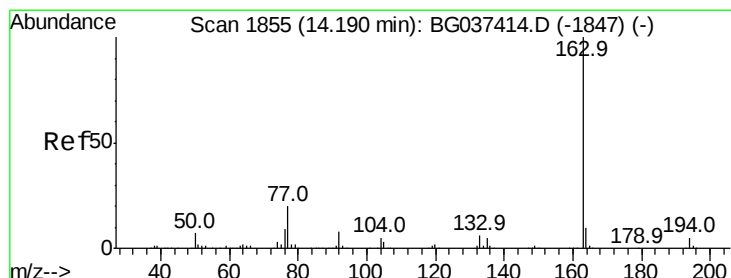
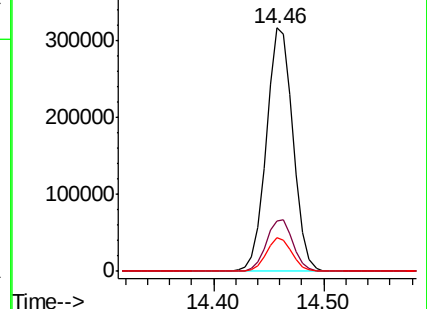
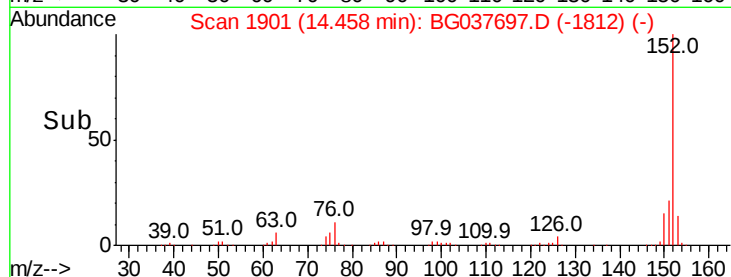
153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.761 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

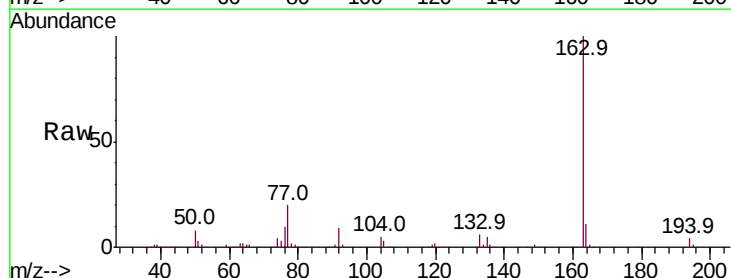
Tgt Ion:163 Resp: 425480

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

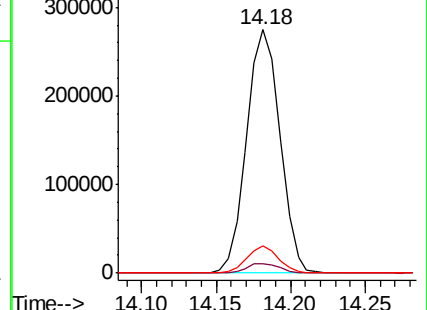
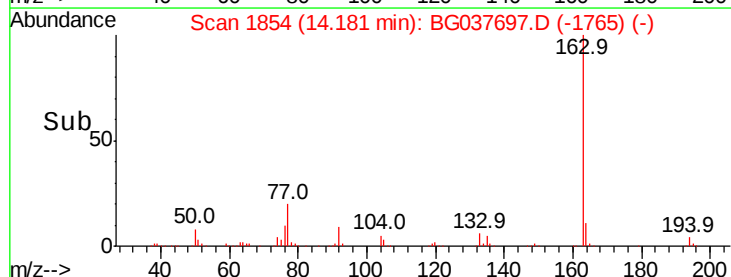
164 11.0 8.5 12.7

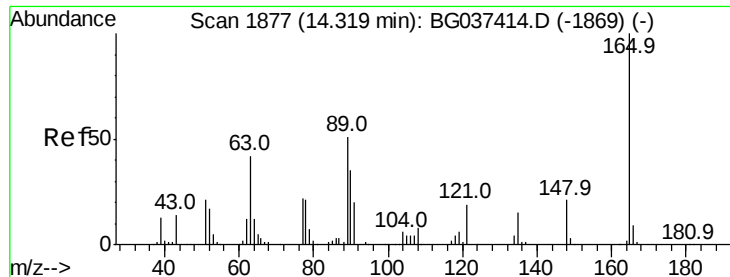


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.554 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

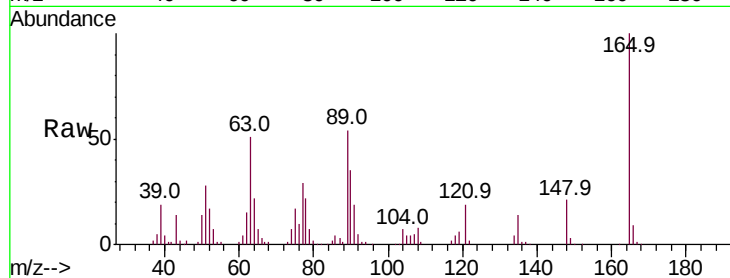
Tot Ion:165 Resp: 96212

Ion Ratio Lower Upper

165 100

63 51.3 43.4 65.2

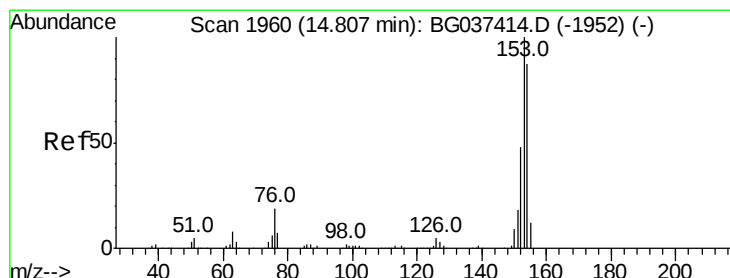
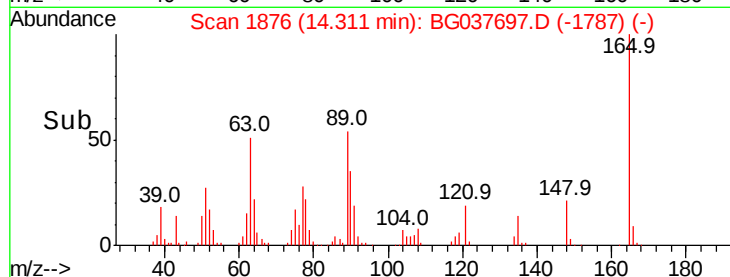
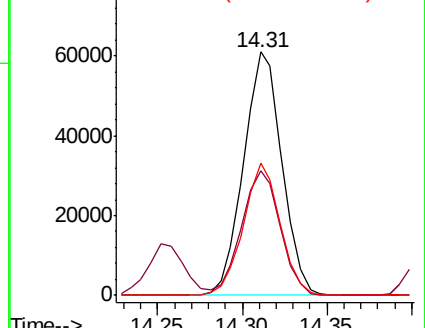
89 54.1 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 34.497 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

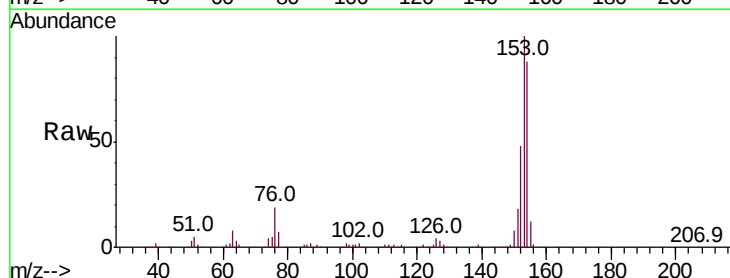
Tgt Ion:154 Resp: 307961

Ion Ratio Lower Upper

154 100

153 113.0 93.4 140.0

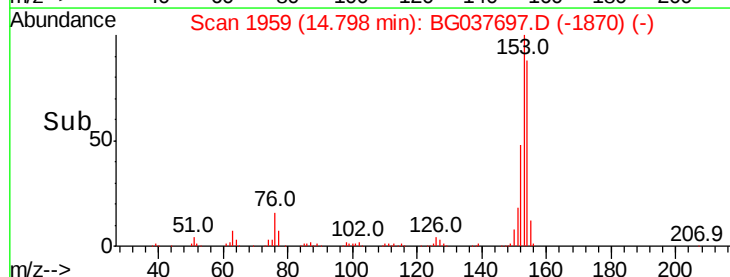
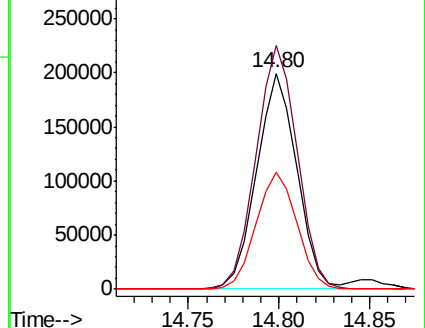
152 54.5 44.7 67.1

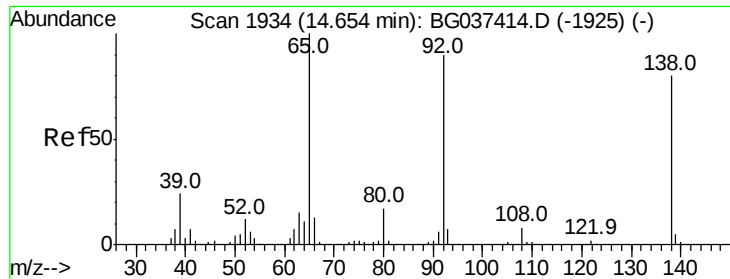


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.150 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

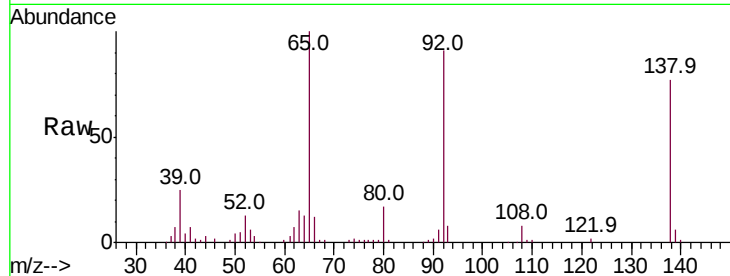
Tot Ion:138 Resp: 58876

Ion Ratio Lower Upper

138 100

108 10.4 11.0 16.6#

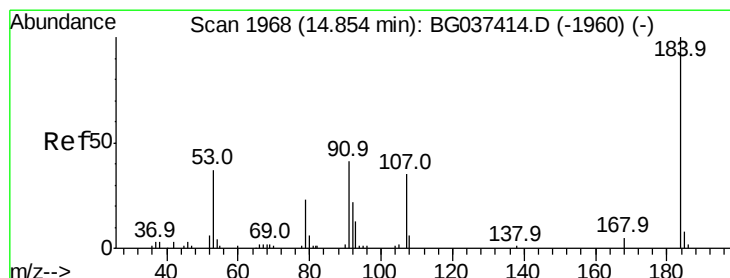
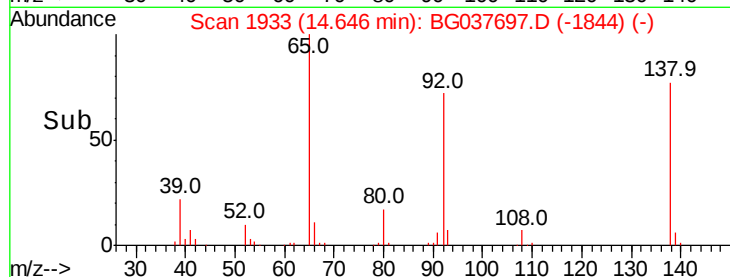
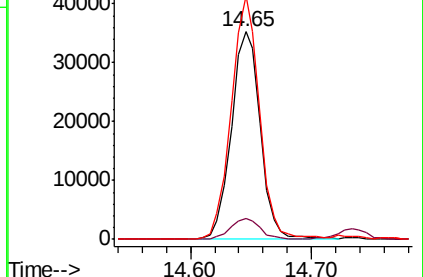
92 117.2 95.2 142.8



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: 36.523 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

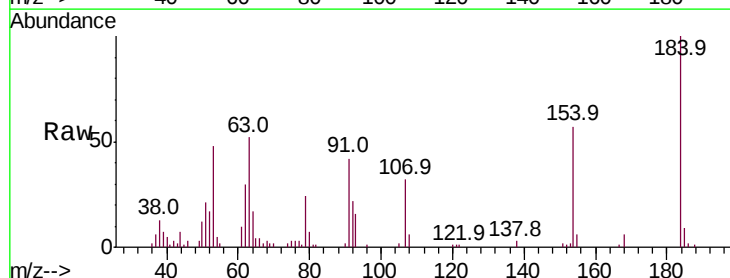
Tgt Ion:184 Resp: 26390

Ion Ratio Lower Upper

184 100

63 52.0 42.6 63.8

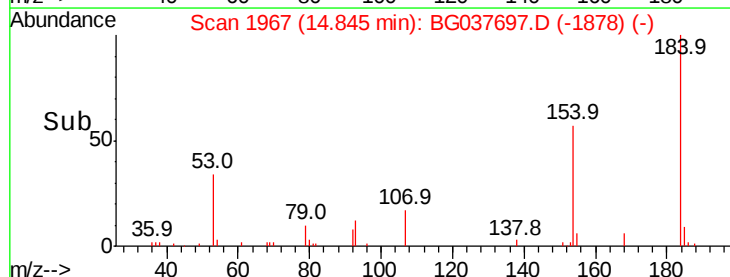
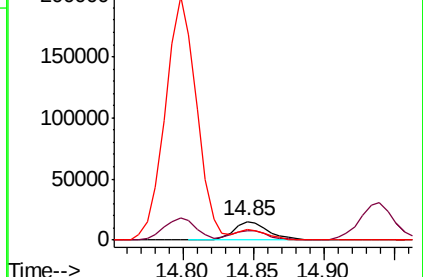
154 57.0 41.8 62.6

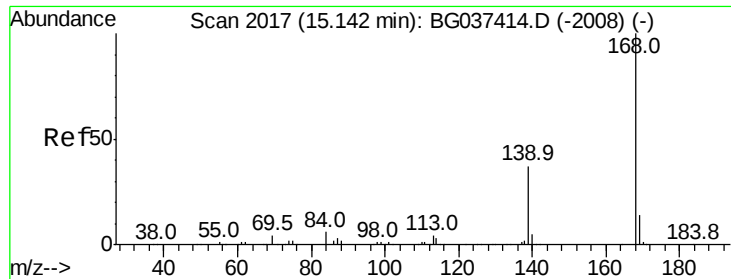


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

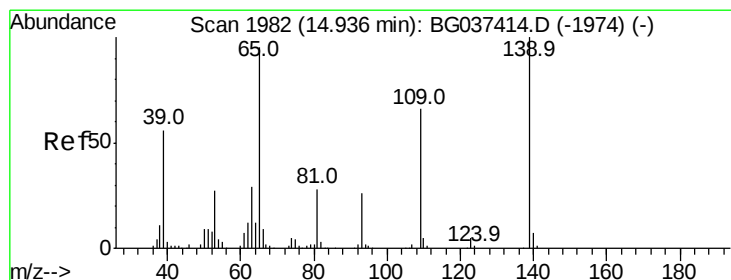
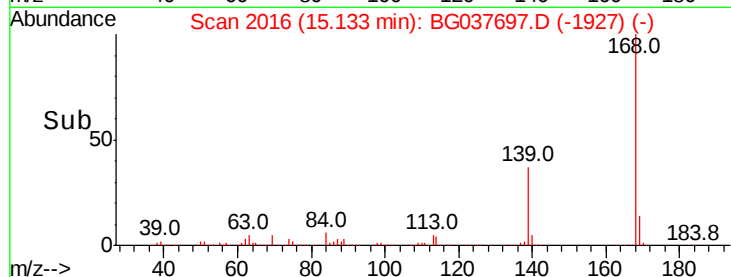
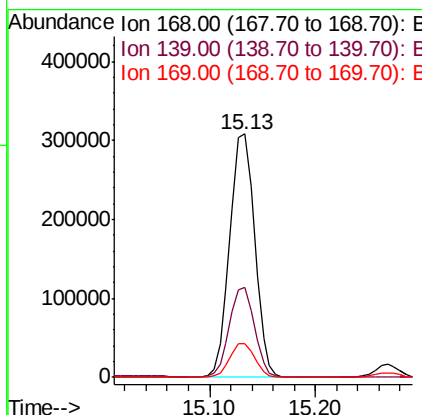
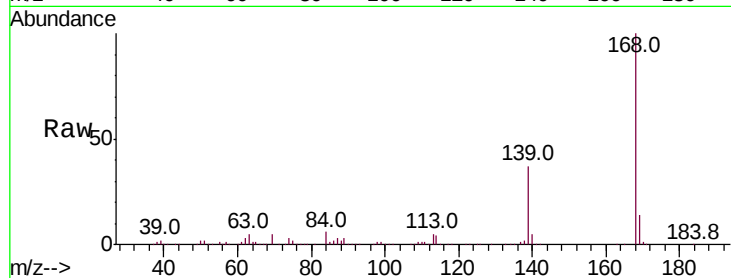




#55
Dibenzofuran
Concen: 34.088 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

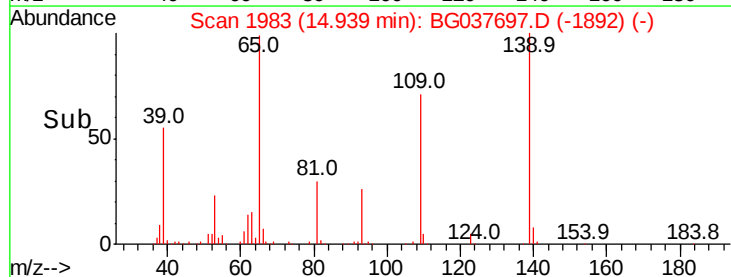
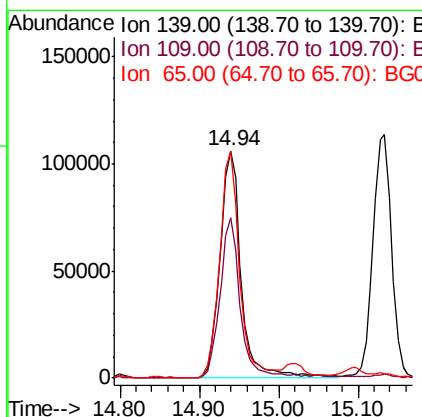
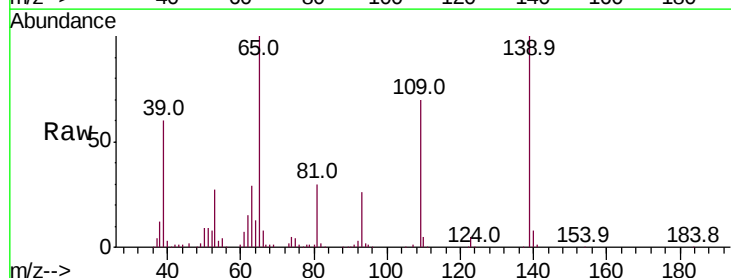
Instrument :
BNA_G
ClientSampleId :
PB114346BS

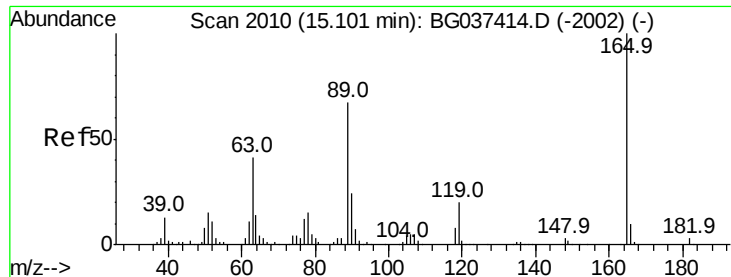
Tot Ion:168 Resp: 504185
Ion Ratio Lower Upper
168 100
139 36.9 29.4 44.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 91.123 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:139 Resp: 197082
Ion Ratio Lower Upper
139 100
109 70.6 49.5 89.5
65 100.2 76.8 116.8

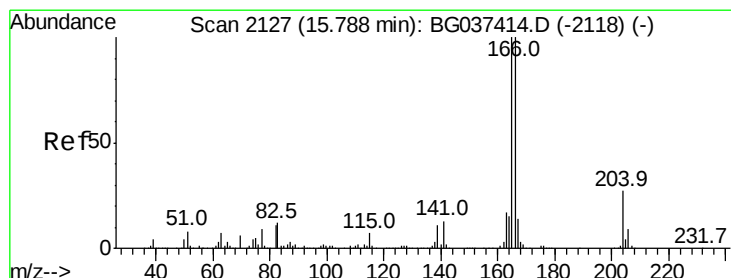
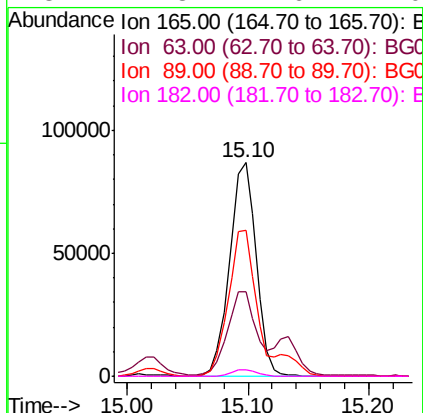
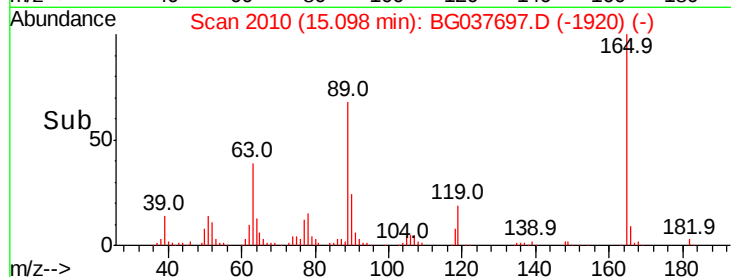
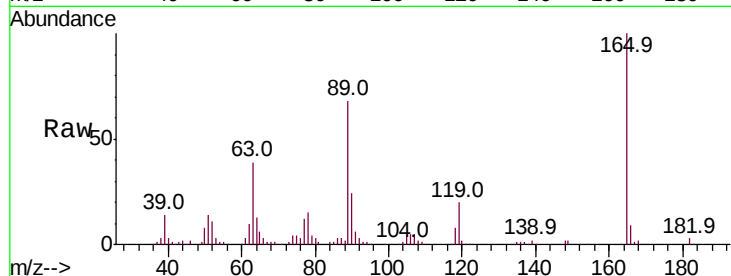




#57
2,4-Dinitrotoluene
Concen: 38.579 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

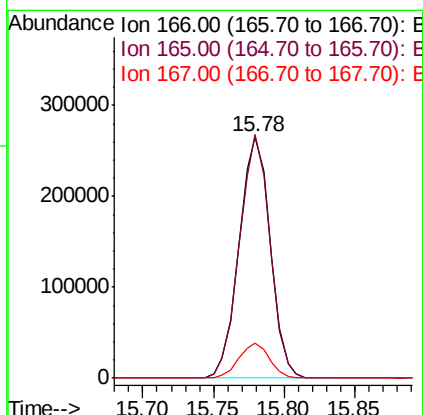
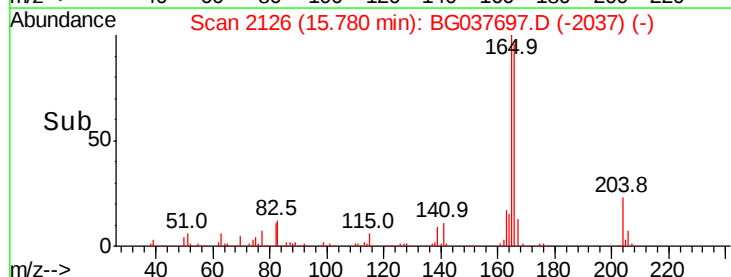
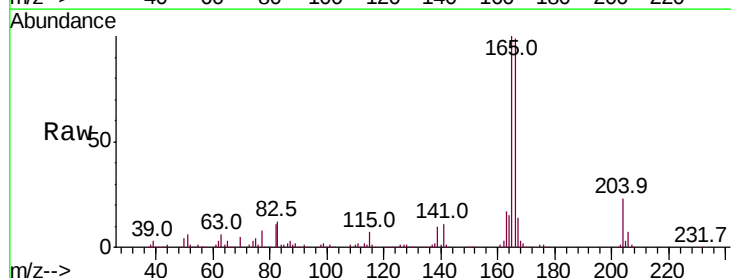
Instrument :
BNA_G
ClientSampleId :
PB114346BS

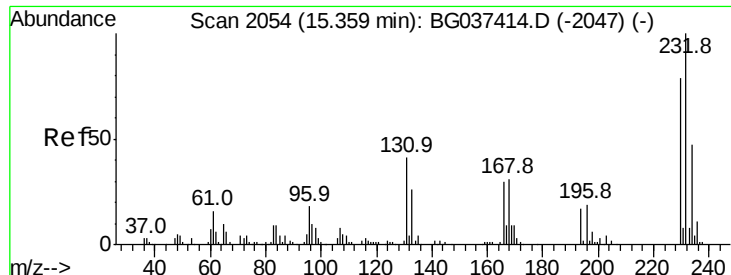
Tot Ion:165 Resp: 133292
Ion Ratio Lower Upper
165 100
63 39.5 33.4 50.0
89 68.3 57.2 85.8
182 2.8 2.6 4.0



#58
Fluorene
Concen: 36.967 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:166 Resp: 409450
Ion Ratio Lower Upper
166 100
165 100.9 79.0 118.6
167 14.4 11.3 16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.388 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

Tot Ion:232 Resp: 112422

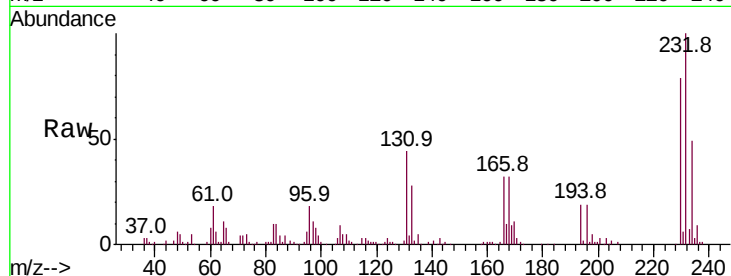
Ion Ratio Lower Upper

232 100

131 43.1 33.7 50.5

130 2.1 2.1 3.1

166 32.0 24.6 36.8

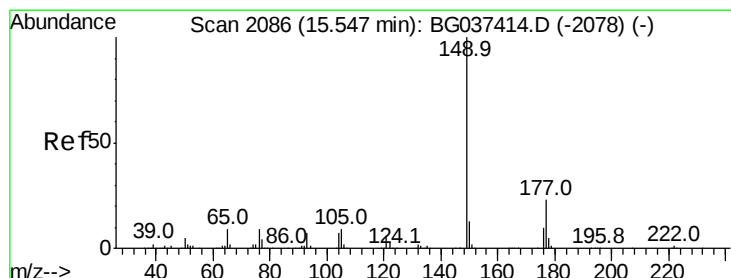
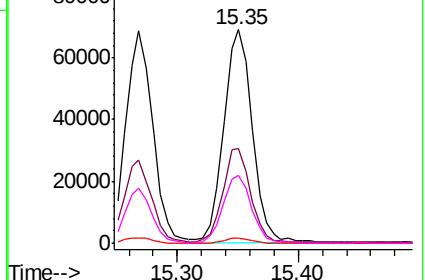
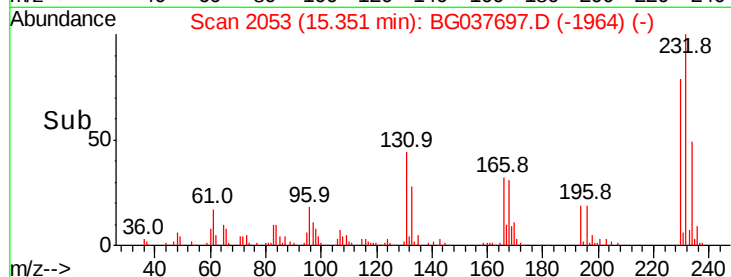


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 35.726 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

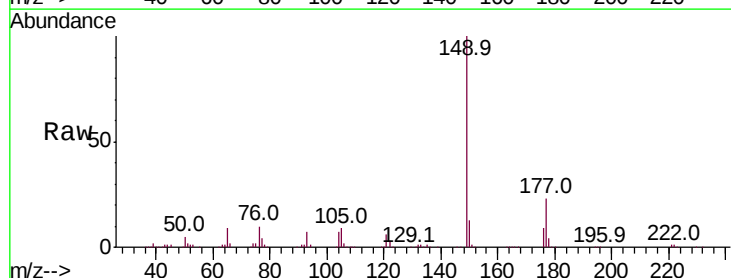
Tgt Ion:149 Resp: 436390

Ion Ratio Lower Upper

149 100

177 22.9 18.3 27.5

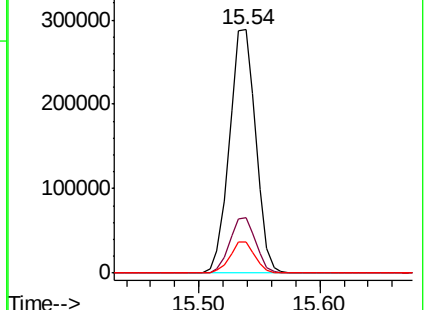
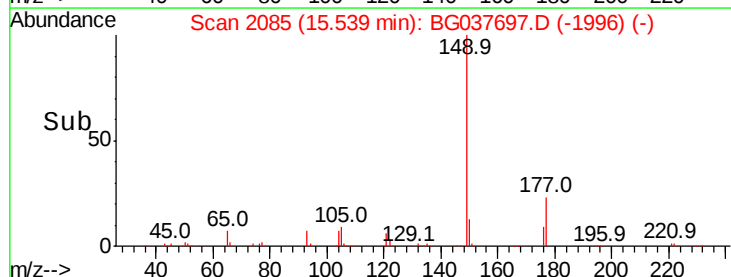
150 12.7 10.0 15.0

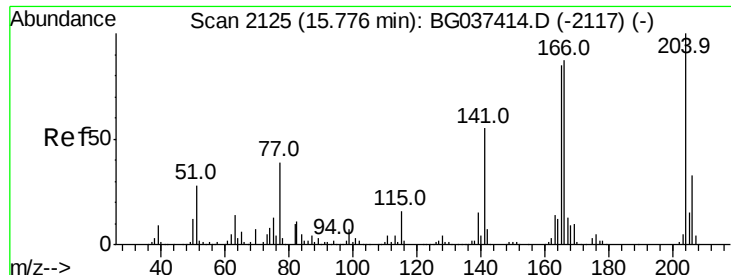


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

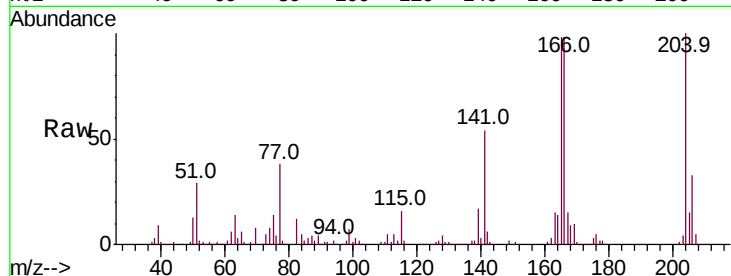




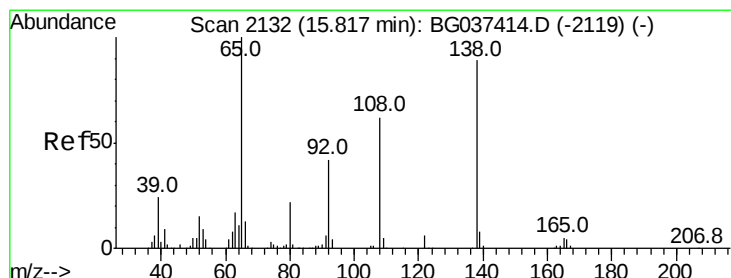
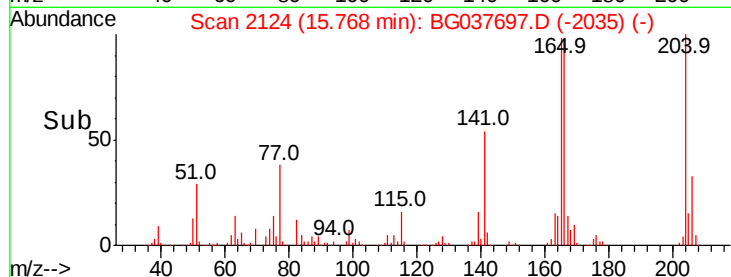
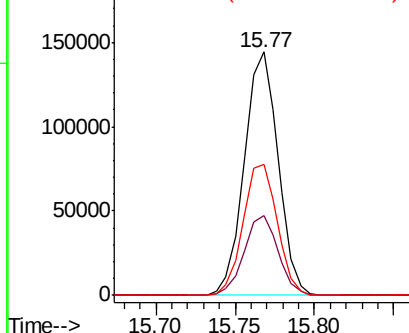
#61
4-Chlorophenyl-phenylether
Concen: 33.099 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:204 Resp: 213683
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 54.0 45.4 68.2

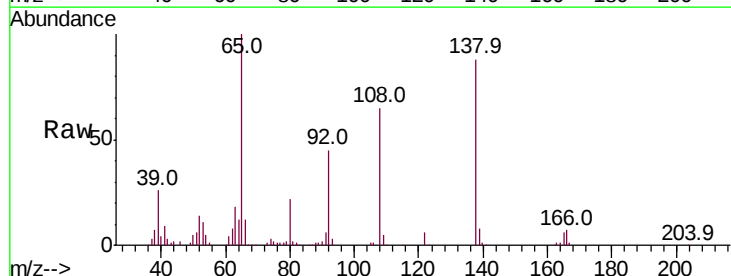


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

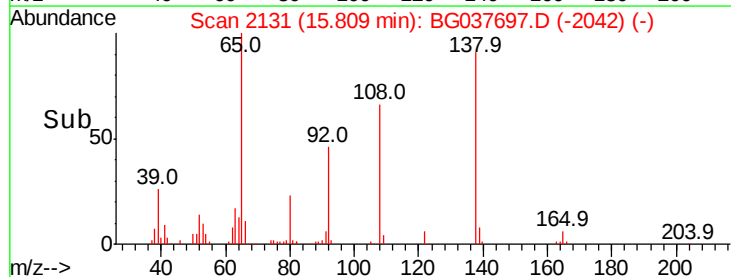
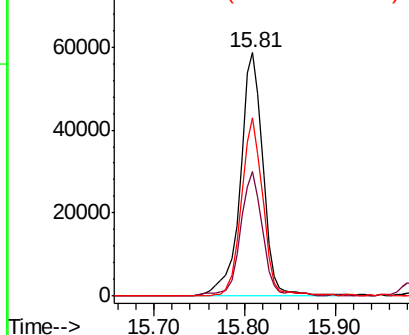


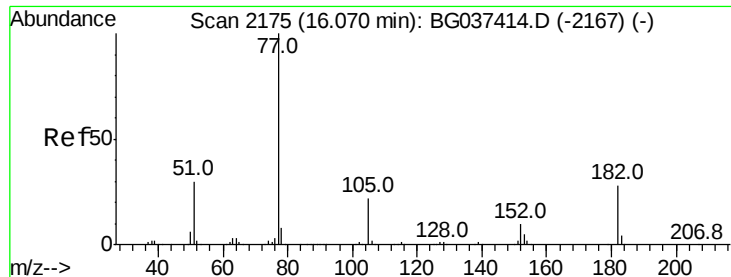
#62
4-Nitroaniline
Concen: 35.090 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:138 Resp: 101880
Ion Ratio Lower Upper
138 100
92 50.9 36.4 76.4
108 73.3 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: 35.501 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

Tot Ion: 77 Resp: 413749

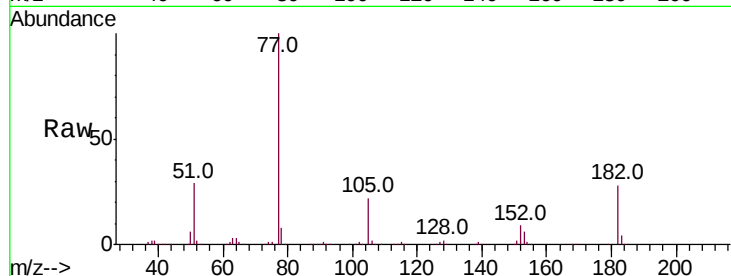
Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.0	48.0
105	22.1	1.3	41.3
51	29.4	10.7	50.7

77 100

182 28.0 8.0 48.0

105 22.1 1.3 41.3

51 29.4 10.7 50.7

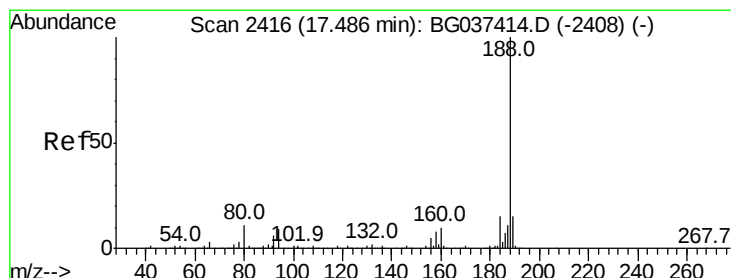
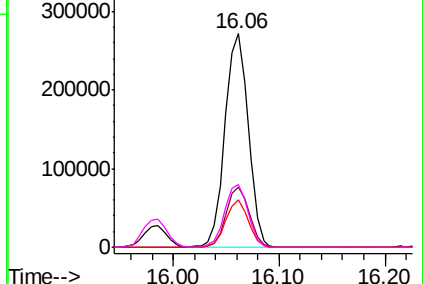
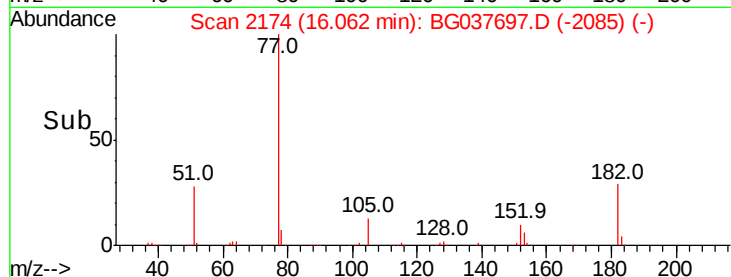


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

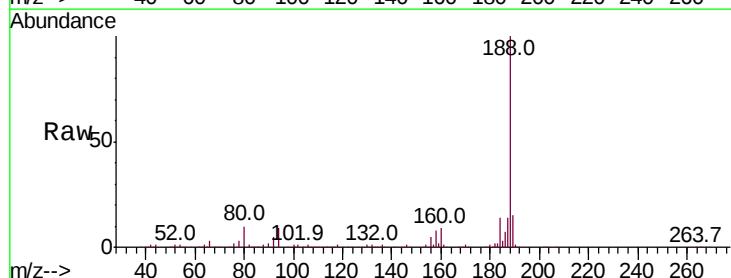
Tgt Ion: 188 Resp: 369194

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.5	7.7	11.5

188 100

94 9.0 7.2 10.8

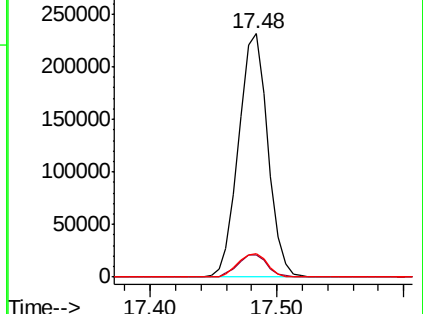
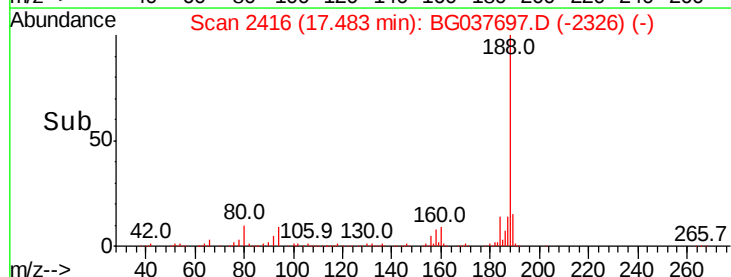
80 9.5 7.7 11.5

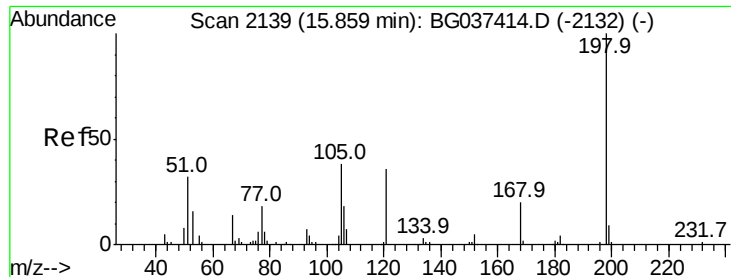


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

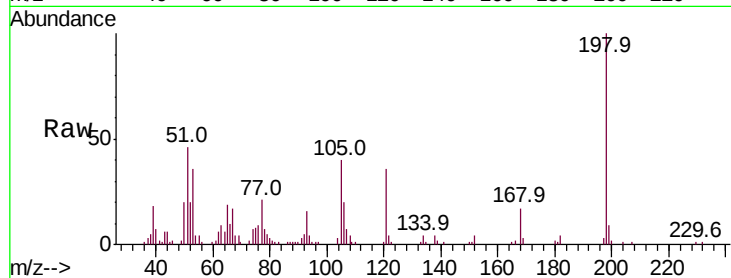




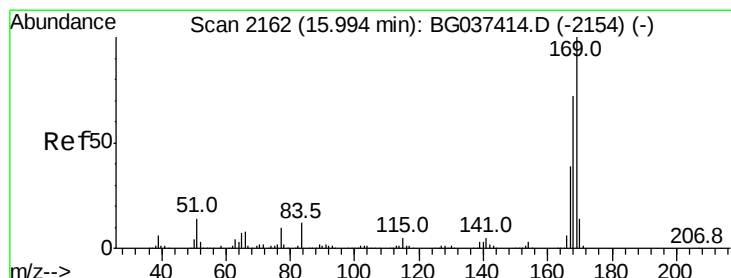
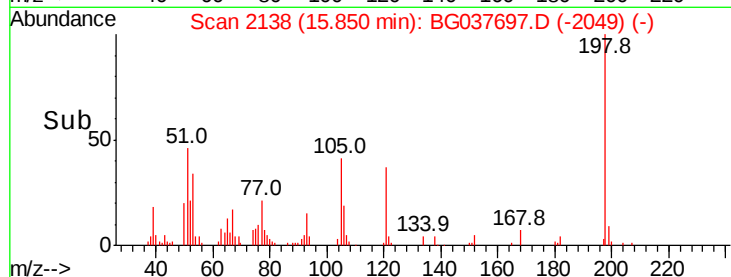
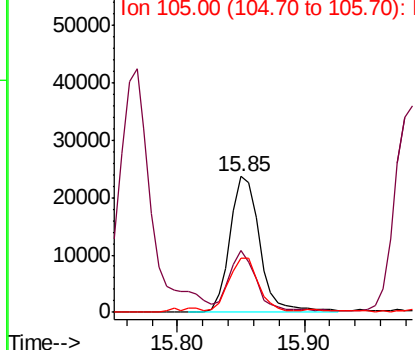
#65
4,6-Dinitro-2-methylphenol
Concen: 24.862 ng
RT: 15.85 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:198 Resp: 38510
Ion Ratio Lower Upper
198 100
51 45.7 22.7 62.7
105 40.1 19.7 59.7

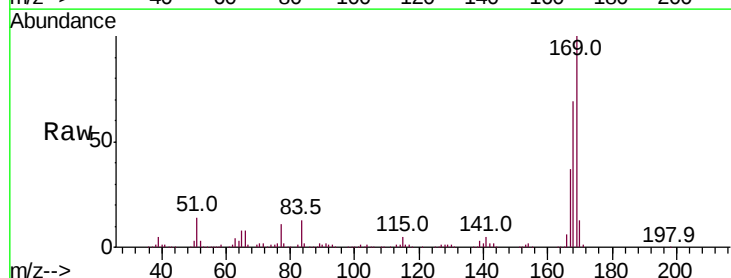


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

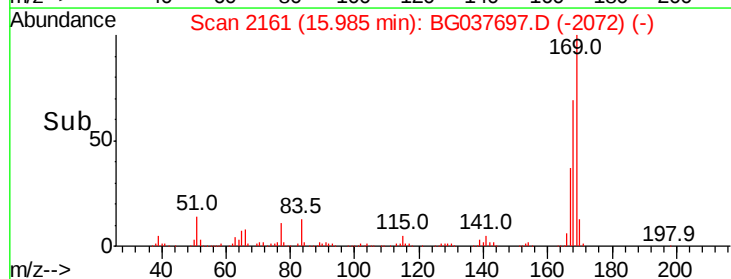
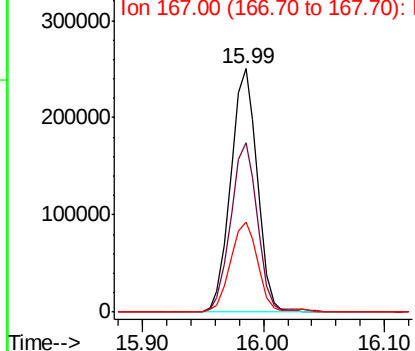


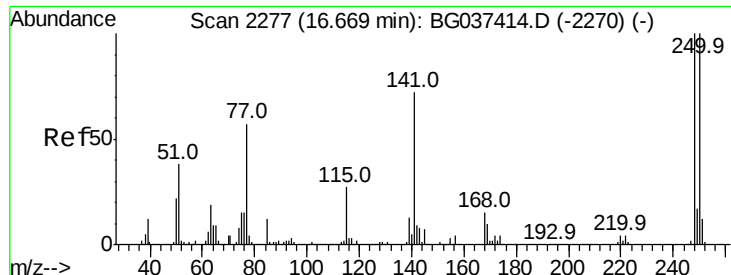
#66
n-Nitrosodiphenylamine
Concen: 34.430 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:169 Resp: 382365
Ion Ratio Lower Upper
169 100
168 69.3 55.7 83.5
167 37.1 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

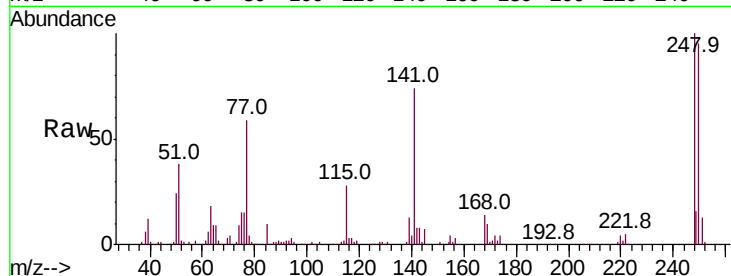




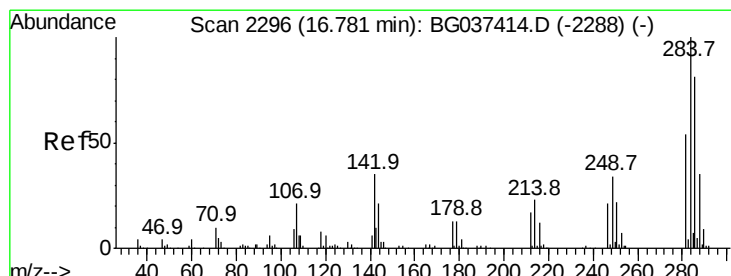
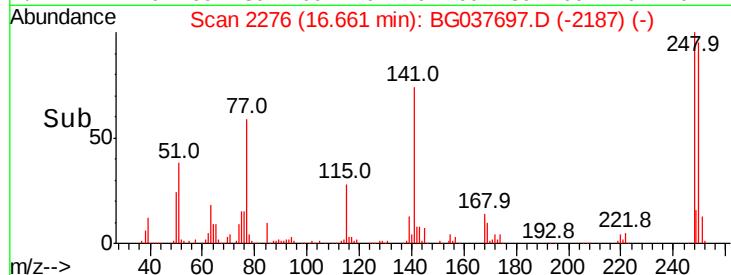
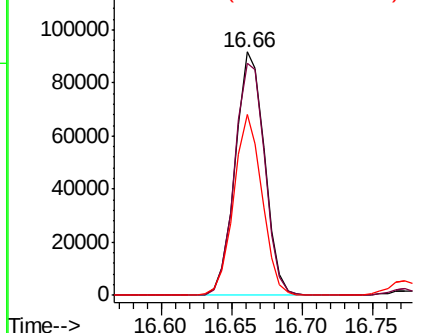
#67
 4-Bromophenyl-phenylether
 Concen: 32.709 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion:248 Resp: 132614
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.0 115.6
 141 74.1 55.5 83.3

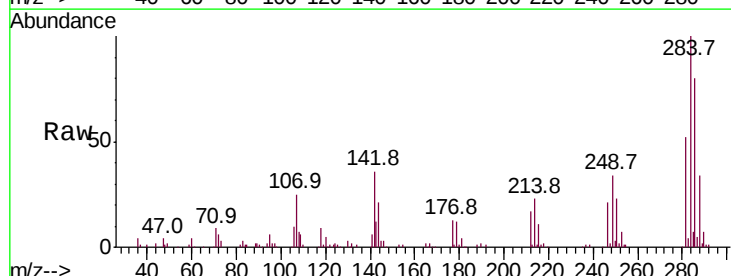


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

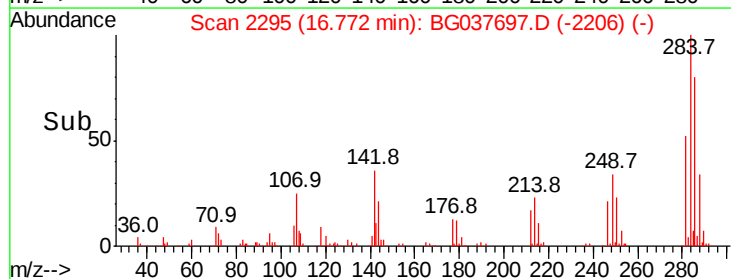
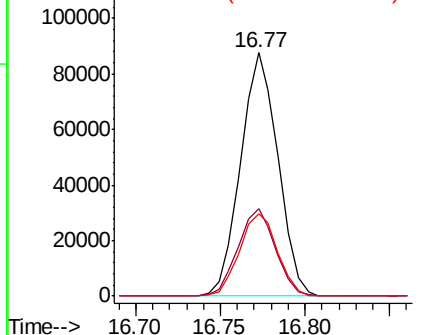


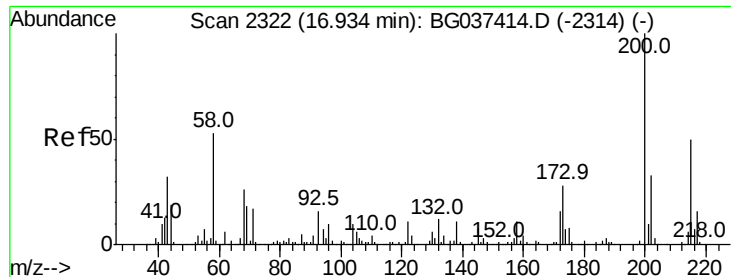
#68
 Hexachlorobenzene
 Concen: 32.078 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Tgt Ion:284 Resp: 134791
 Ion Ratio Lower Upper
 284 100
 142 36.0 28.1 42.1
 249 36.5 29.8 44.8



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

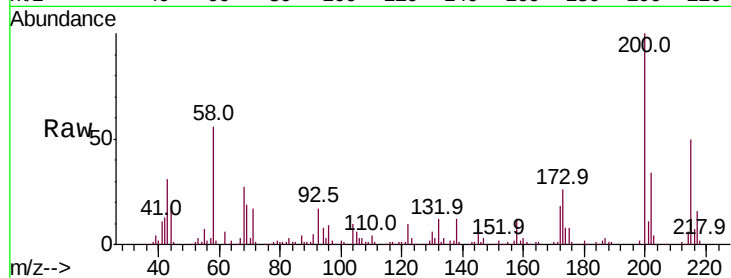




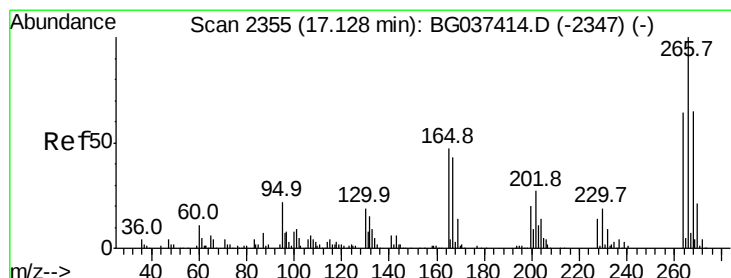
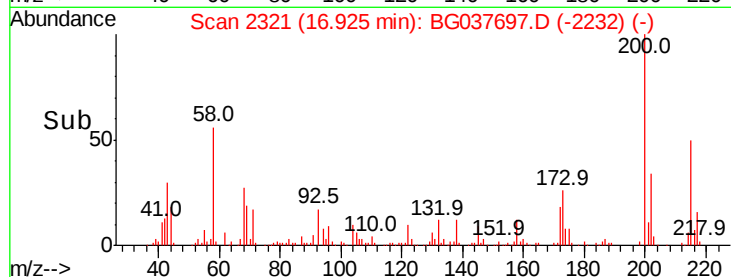
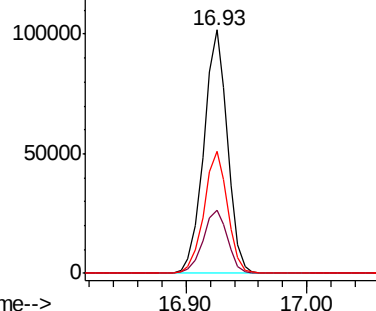
#69
Atrazine
Concen: 34.471 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion:200 Resp: 138406
Ion Ratio Lower Upper
200 100
173 26.1 6.1 46.1
215 50.0 30.8 70.8

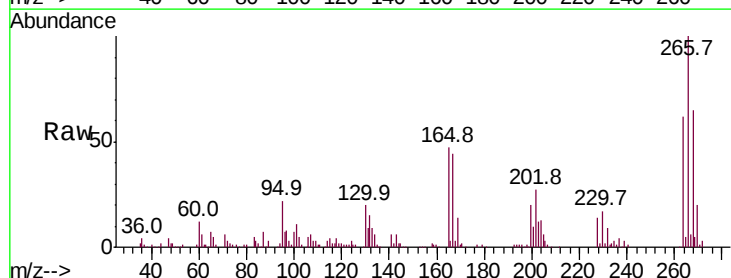


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

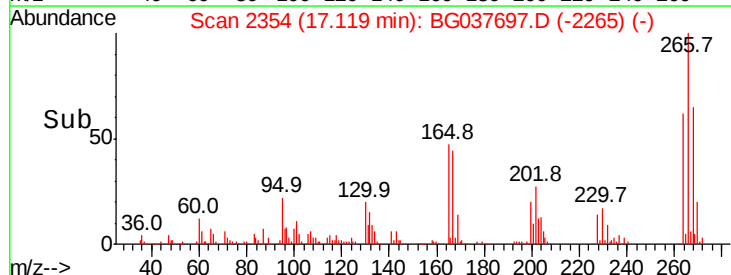
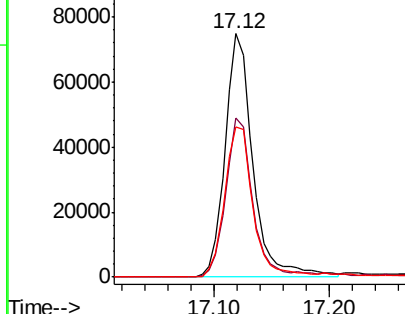


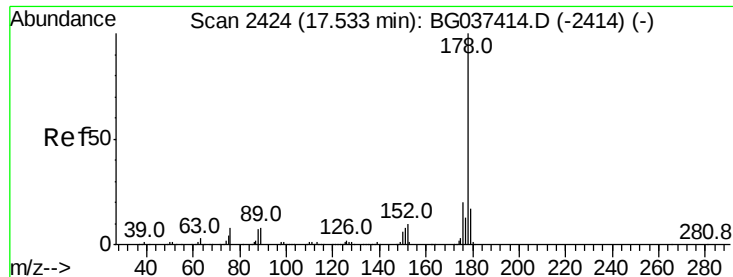
#70
Pentachlorophenol
Concen: 44.333 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:266 Resp: 124780
Ion Ratio Lower Upper
266 100
268 69.8 55.0 82.6
264 66.8 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

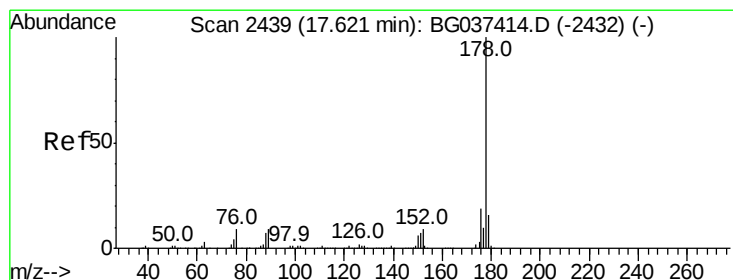
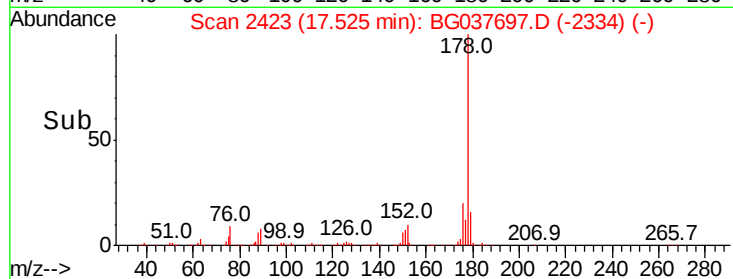
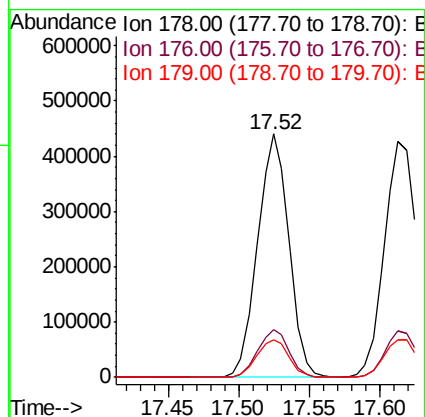
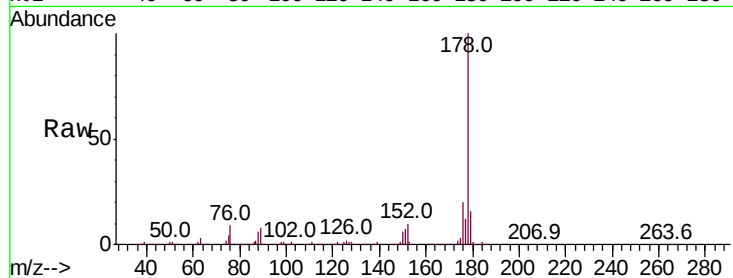




#71
Phenanthrene
Concen: 36.481 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

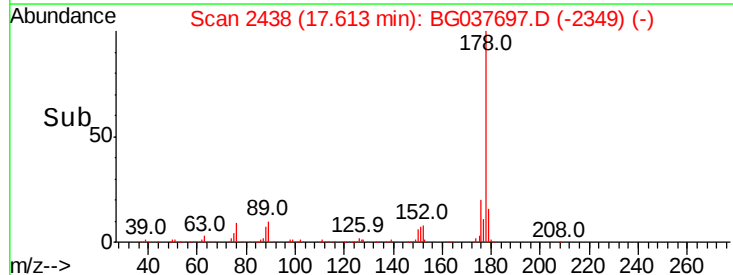
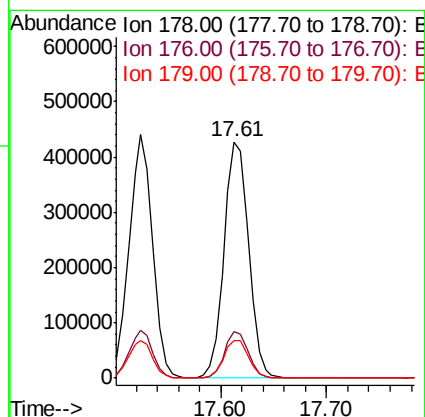
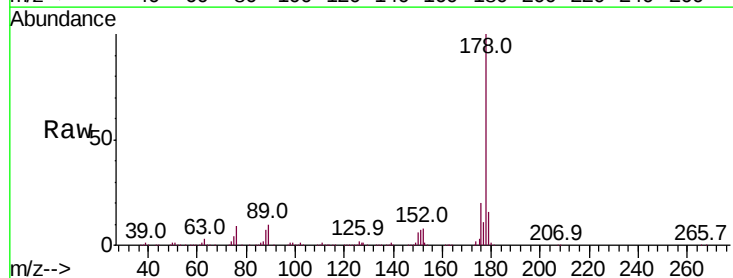
Instrument :
BNA_G
ClientSampleId :
PB114346BS

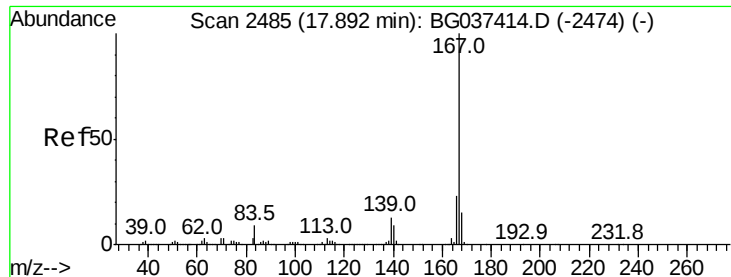
Tot Ion:178 Resp: 684513
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 15.6 13.0 19.4



#72
Anthracene
Concen: 37.442 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:178 Resp: 689460
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 16.0 12.8 19.2

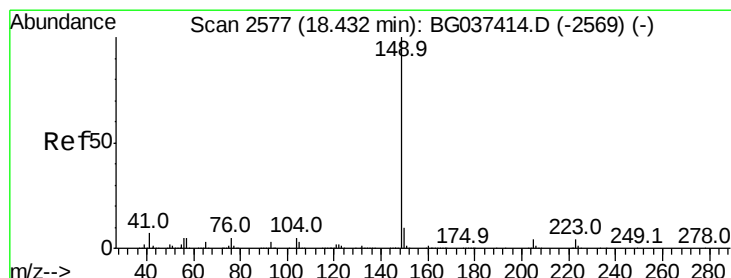
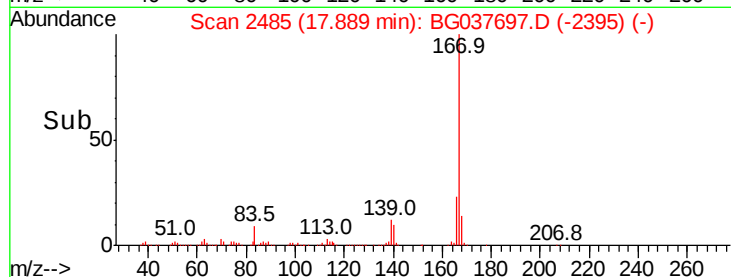
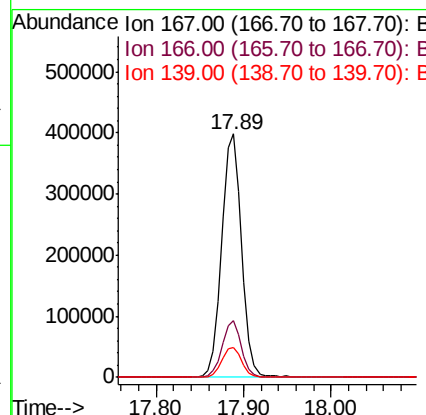
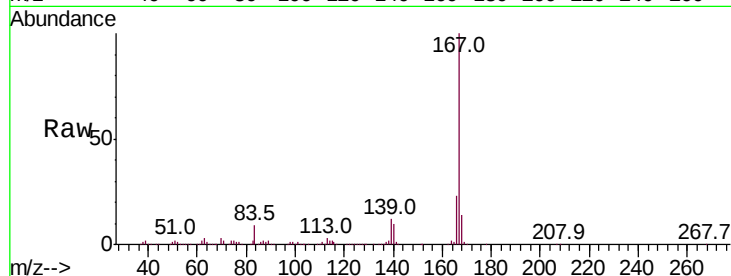




#73
 Carbazole
 Concen: 34.120 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

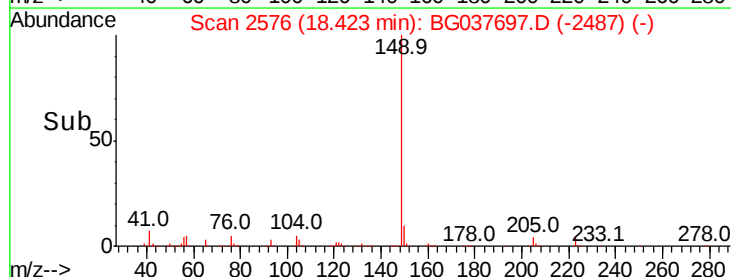
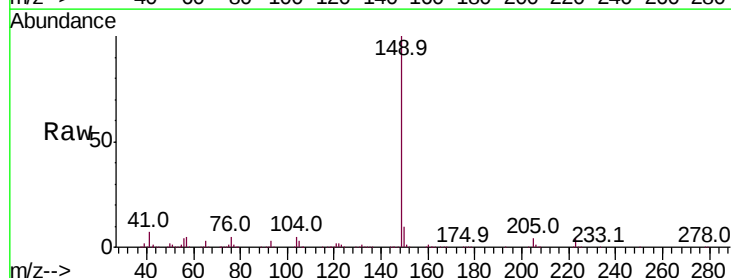
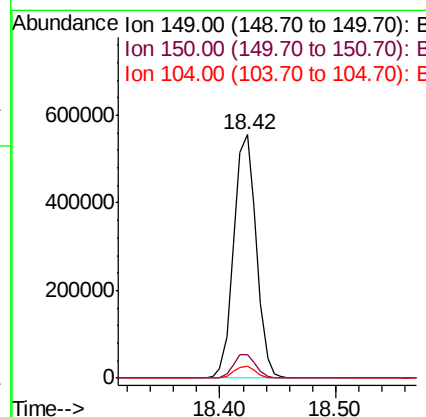
Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

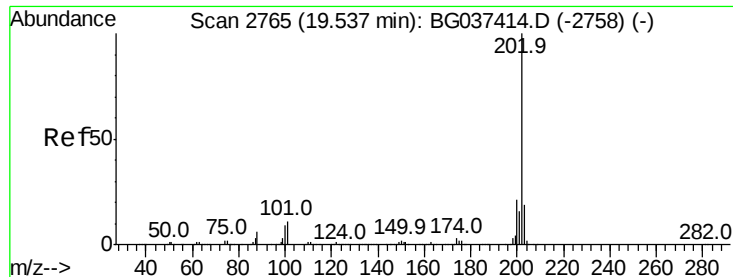
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	12.3	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 36.555 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

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





#75

Fluoranthene

Concen: 36.857 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

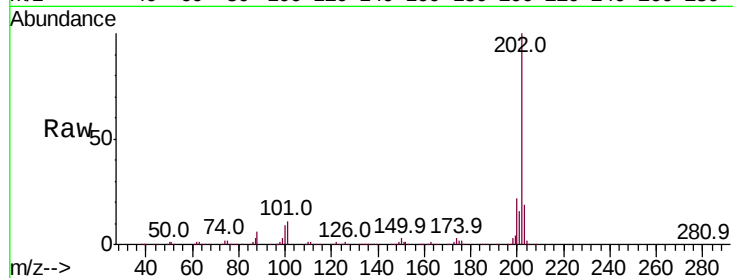
Instrument :

BNA_G

ClientSampleId :

PB114346BS

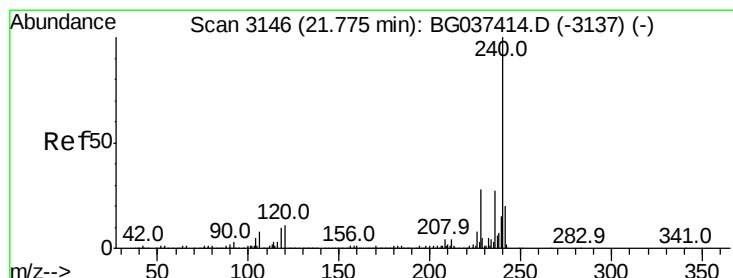
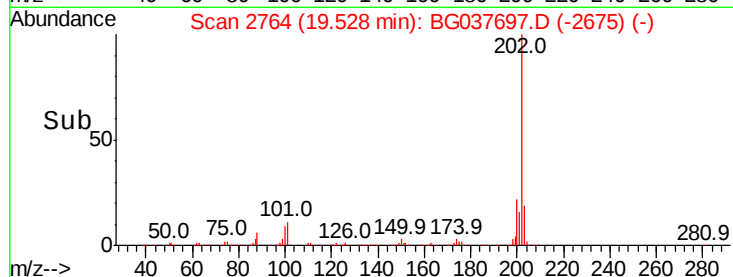
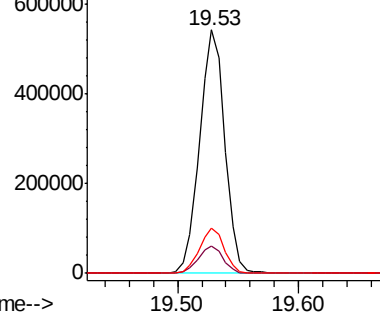
Tot Ion:	202	Resp:	784379
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.7
203	18.6	0.0	38.5



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

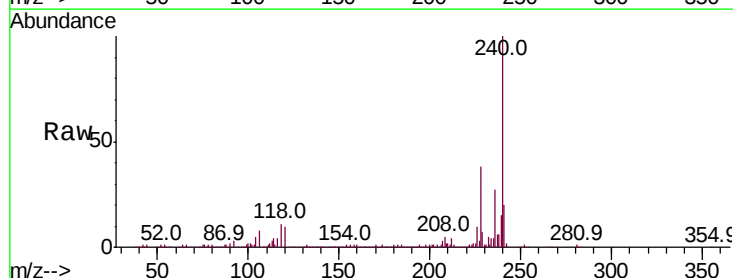
RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

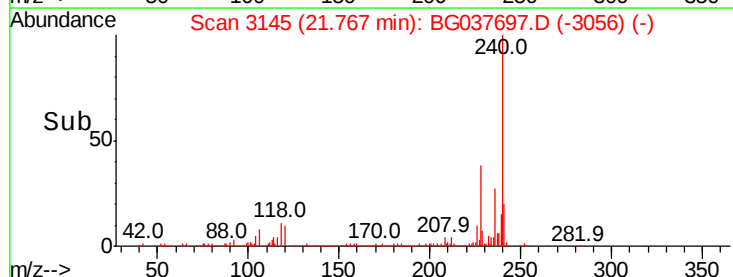
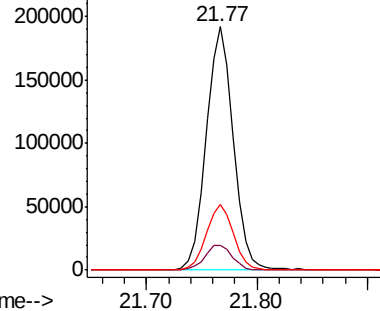
Tgt Ion:	240	Resp:	330368
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	26.9	21.4	32.0

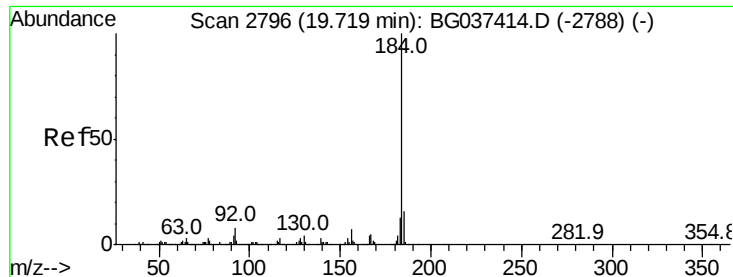


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.700 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

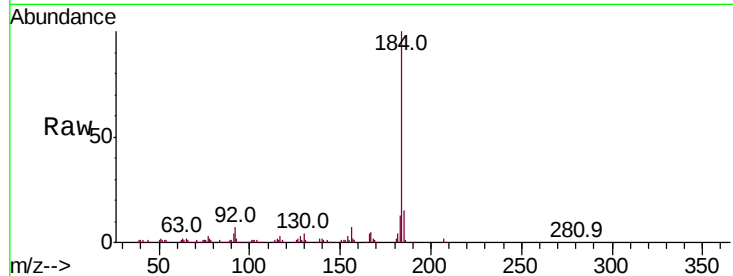
Tot Ion:184 Resp: 165125

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

183 12.8 10.2 15.2

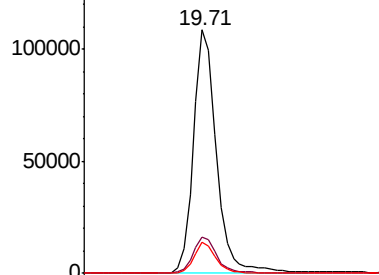


Abundance

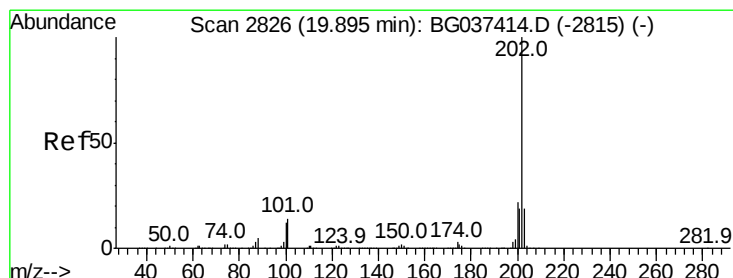
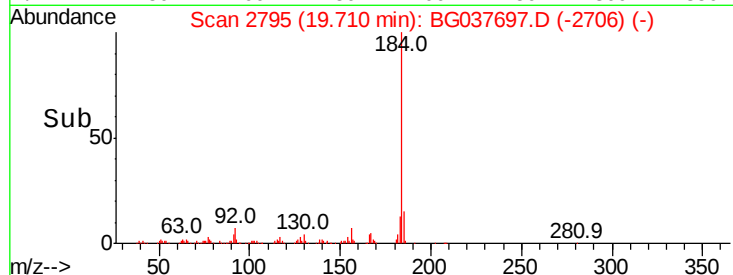
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.60 19.70 19.80



#78

Pyrene

Concen: 36.569 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

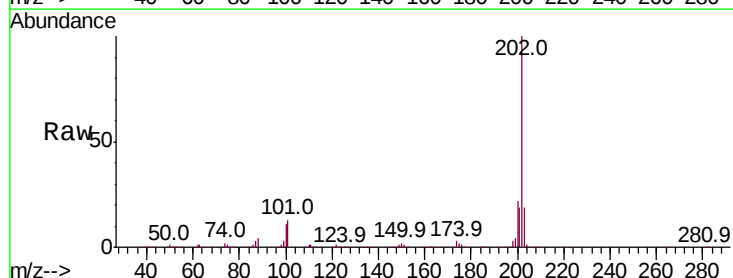
Tgt Ion:202 Resp: 789763

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

203 18.7 15.2 22.8

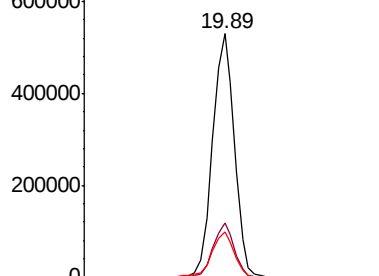


Abundance

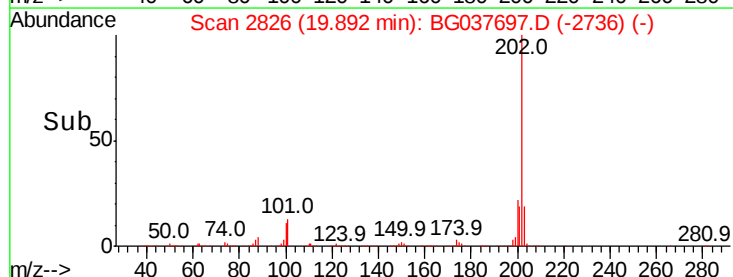
Ion 202.00 (201.70 to 202.70): E

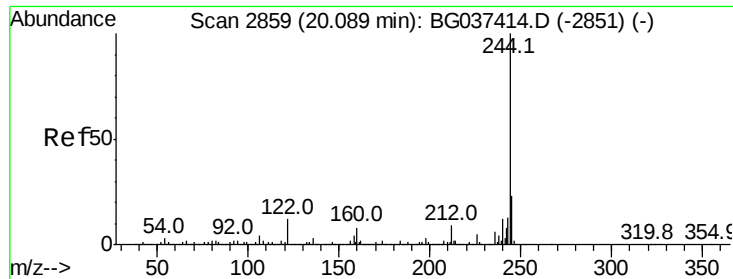
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.80 19.90 20.00





#79

Terphenyl-d14

Concen: 66.897 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

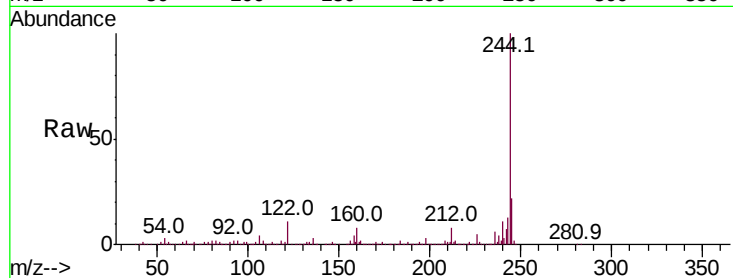
Tot Ion:244 Resp: 1034299

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

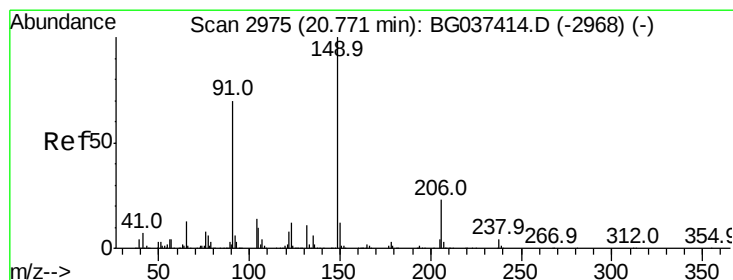
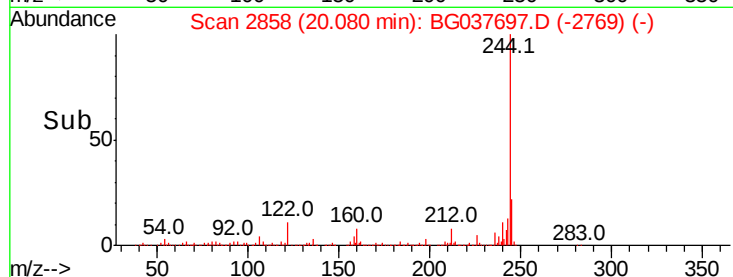
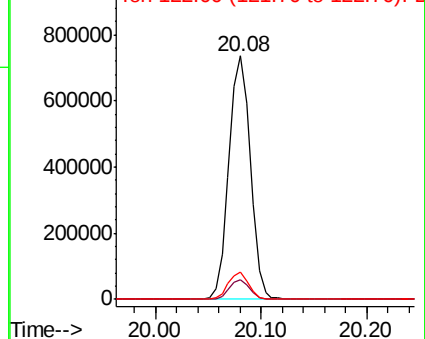
122 11.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.702 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

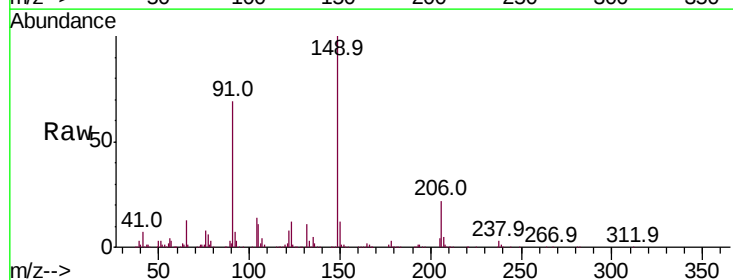
Tgt Ion:149 Resp: 333233

Ion Ratio Lower Upper

149 100

91 68.8 57.0 85.4

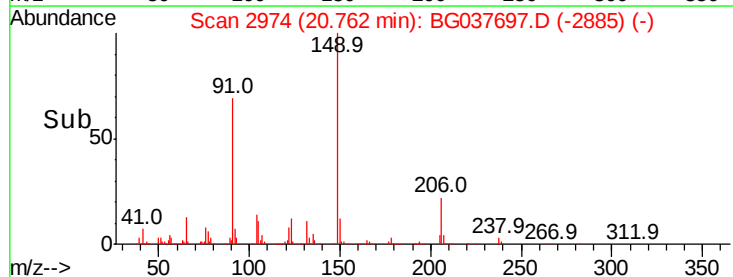
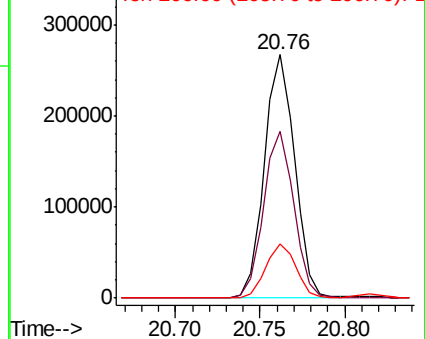
206 22.1 17.8 26.6

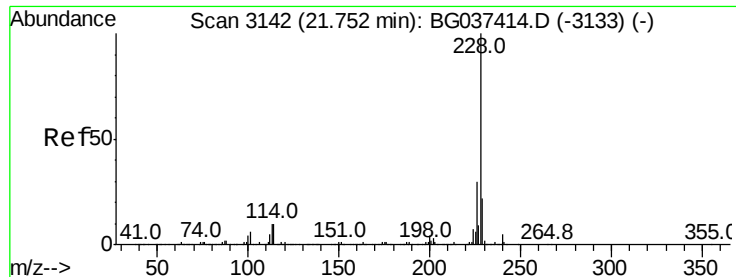


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

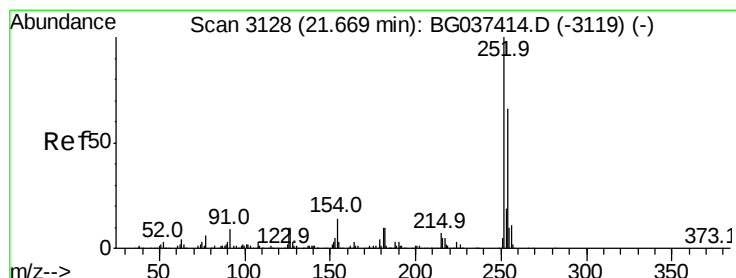
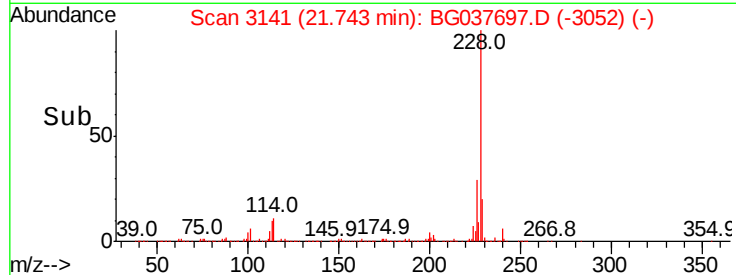
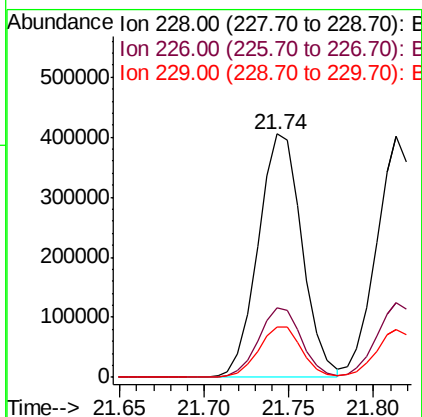
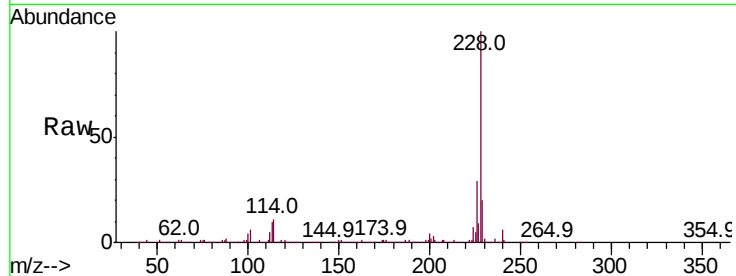




#81
Benzo(a)anthracene
Concen: 37.496 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

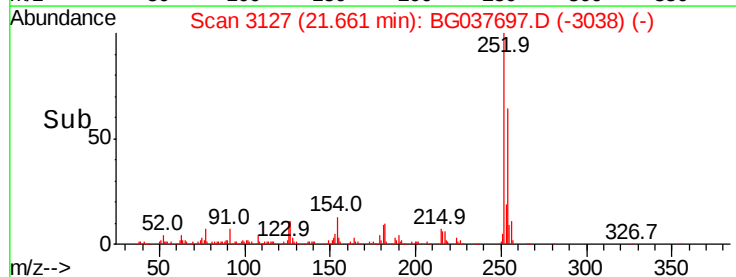
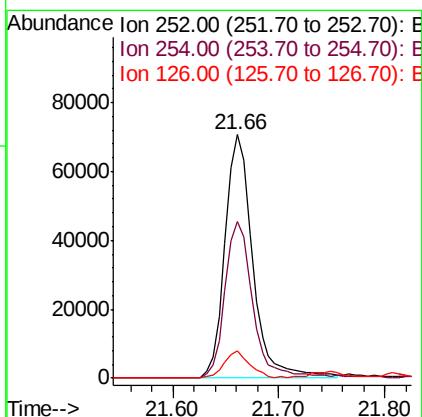
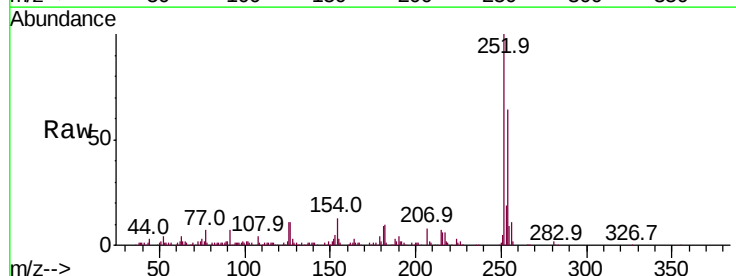
Instrument :
BNA_G
ClientSampleId :
PB114346BS

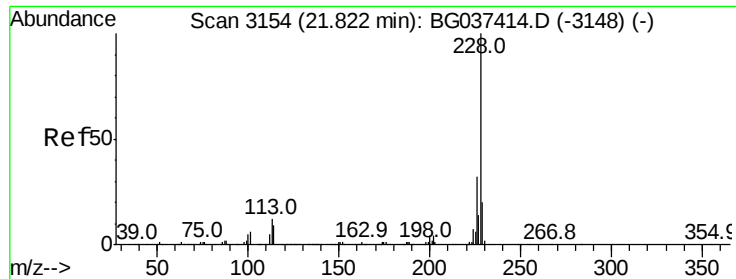
Tot Ion:228 Resp: 732710
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 16.965 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:252 Resp: 128493
Ion Ratio Lower Upper
252 100
254 64.4 52.0 78.0
126 11.0 8.2 12.4





#83

Chrysene

Concen: 36.704 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

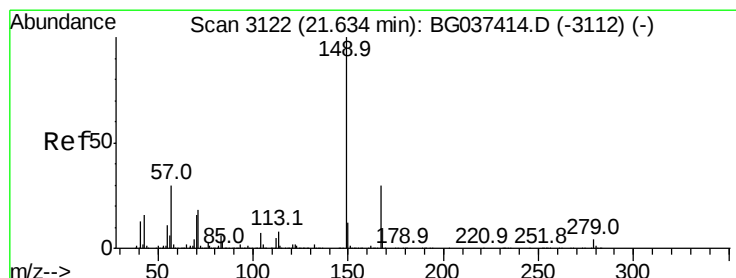
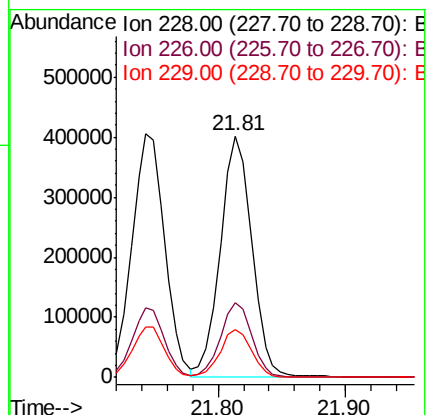
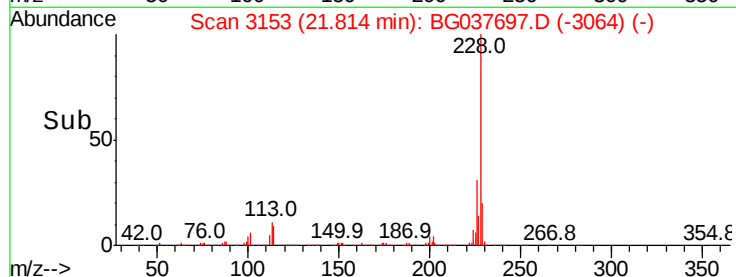
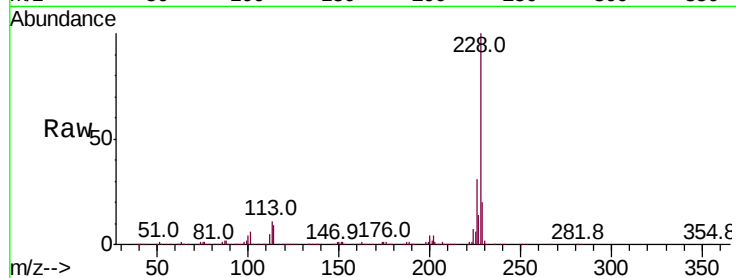
Tot Ion:228 Resp: 689661

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

229 20.0 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.032 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

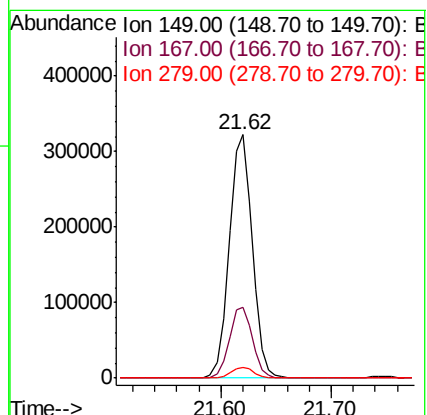
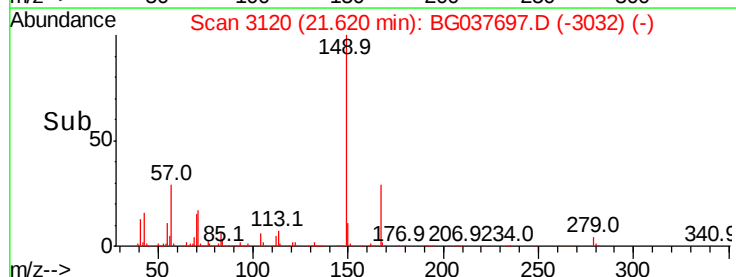
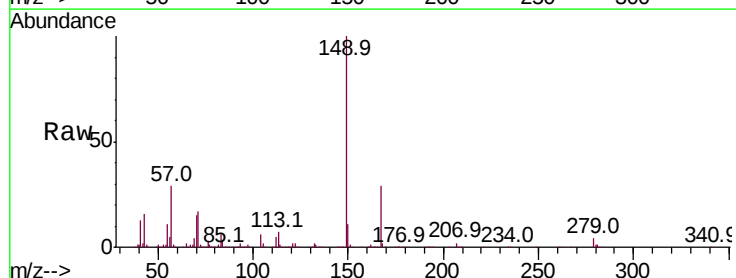
Tgt Ion:149 Resp: 471184

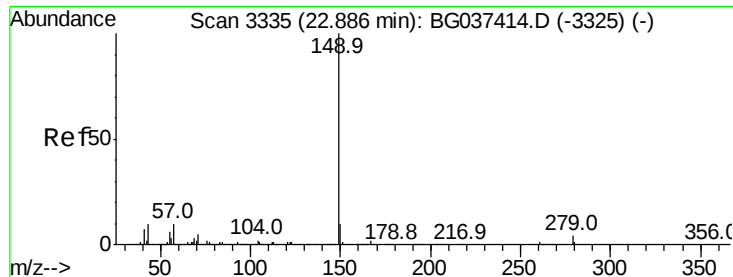
Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.4

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 39.522 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB114346BS

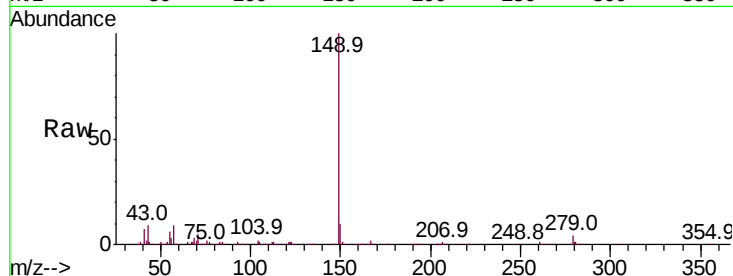
Tot Ion:149 Resp: 798444

Ion Ratio Lower Upper

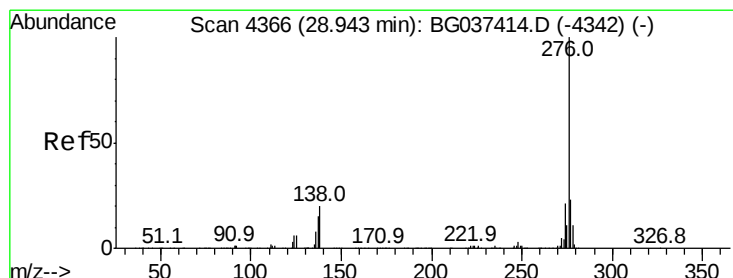
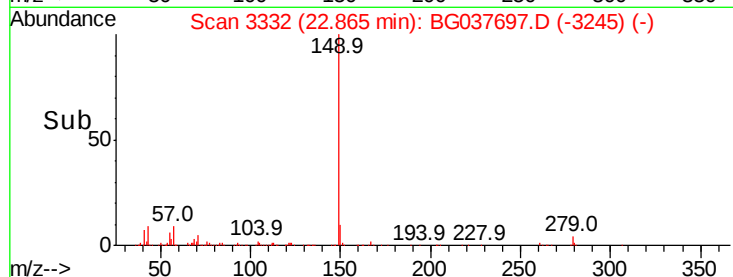
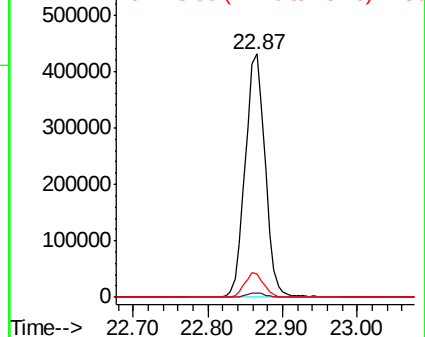
149 100

167 1.7 1.3 1.9

43 9.7 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: 30.846 ng

RT: 28.91 min Scan# 4361

Delta R.T. -0.03 min

Lab File: BG037697.D

Acq: 31 Oct 2018 23:31

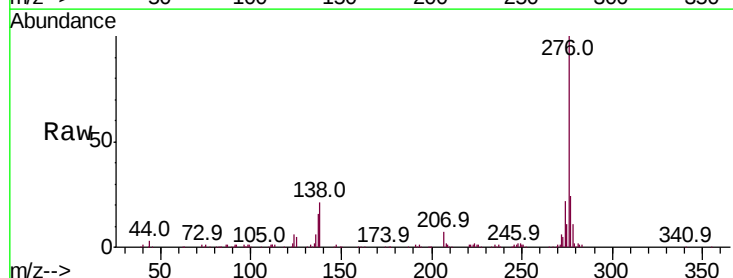
Tgt Ion:276 Resp: 621662

Ion Ratio Lower Upper

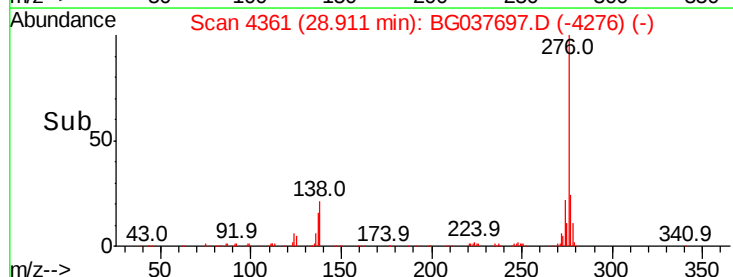
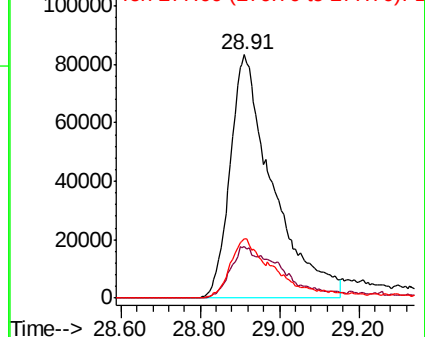
276 100

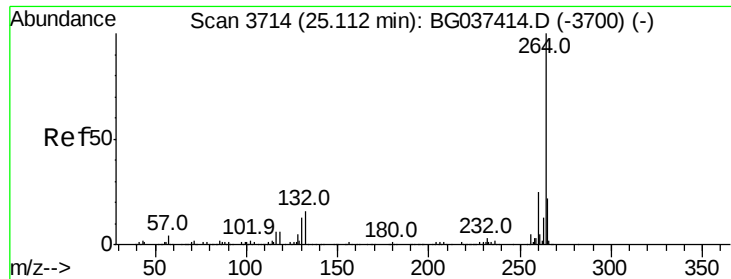
138 25.2 12.0 18.0#

277 16.4 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

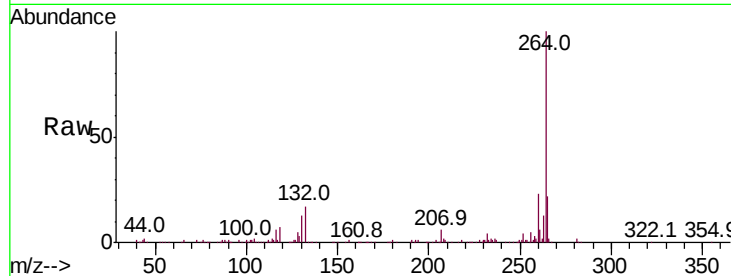




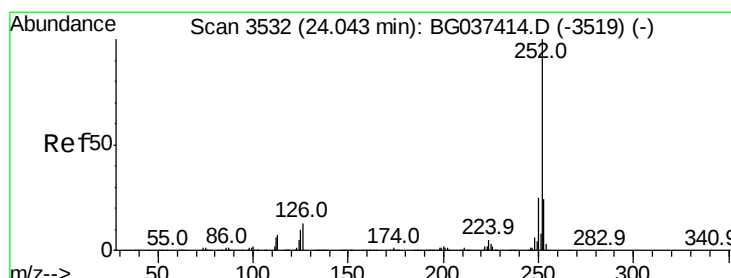
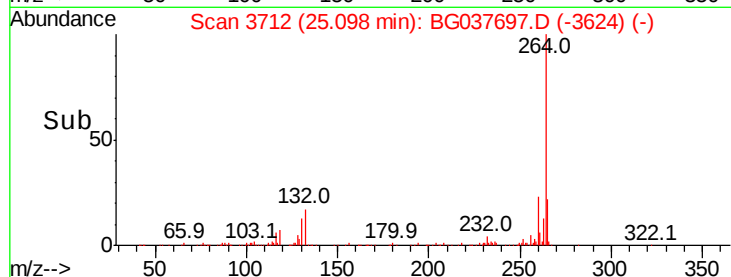
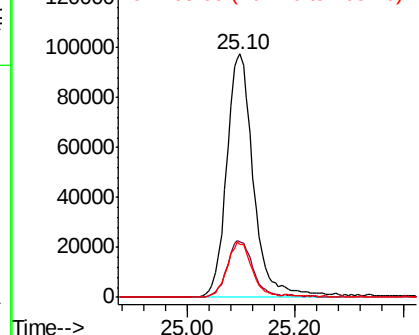
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114346BS

Tot Ion:264 Resp: 341324
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.4
 265 21.7 17.9 26.9

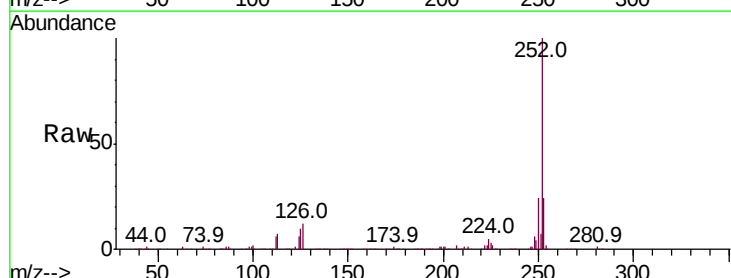


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

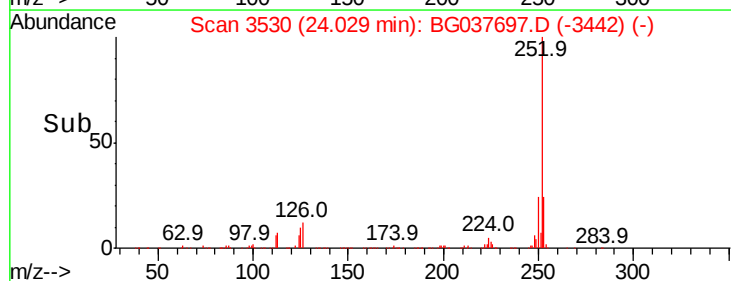
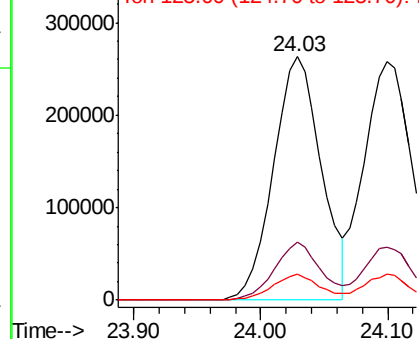


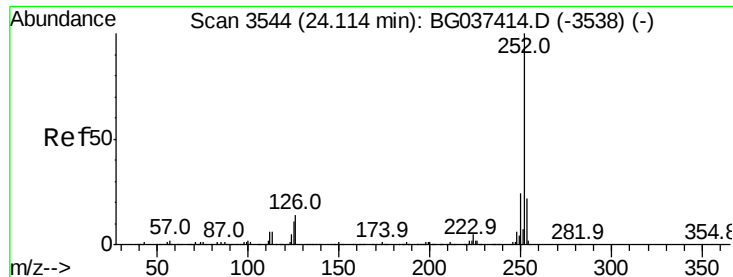
#88
 Benzo(b)fluoranthene
 Concen: 36.975 ng
 RT: 24.03 min Scan# 3530
 Delta R.T. -0.01 min
 Lab File: BG037697.D
 Acq: 31 Oct 2018 23:31

Tgt Ion:252 Resp: 691905
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.2 27.2
 125 10.5 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

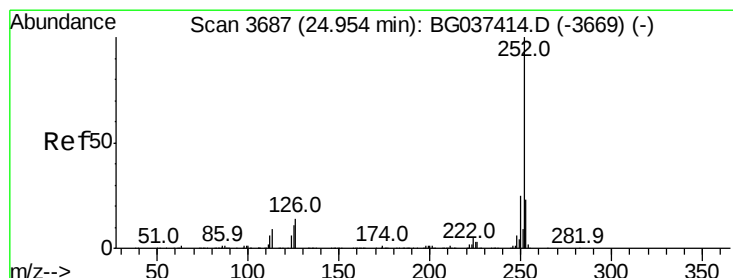
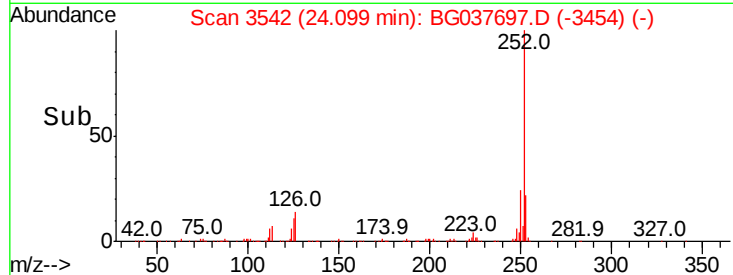
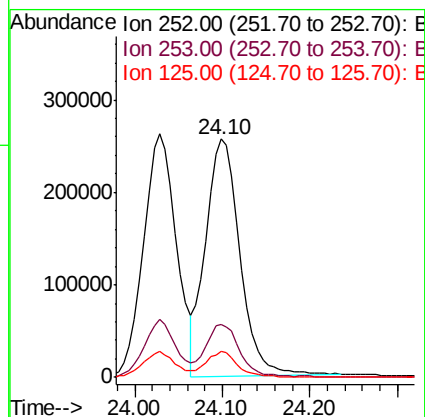
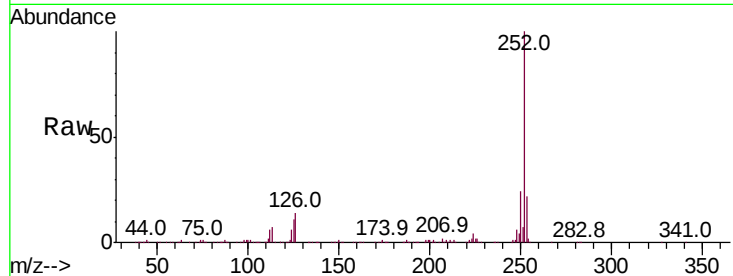




#89
Benzo(k)fluoranthene
Concen: 38.350 ng
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

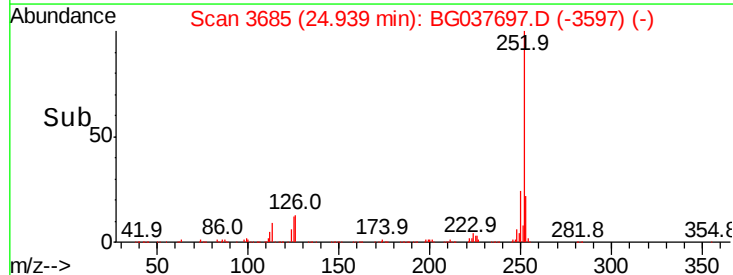
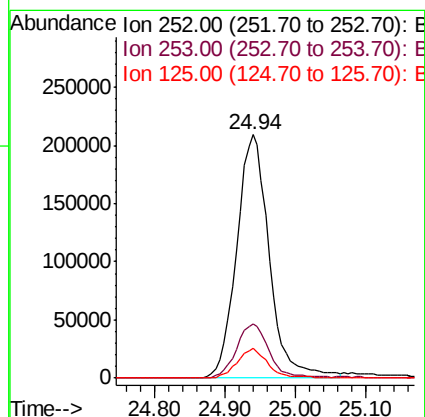
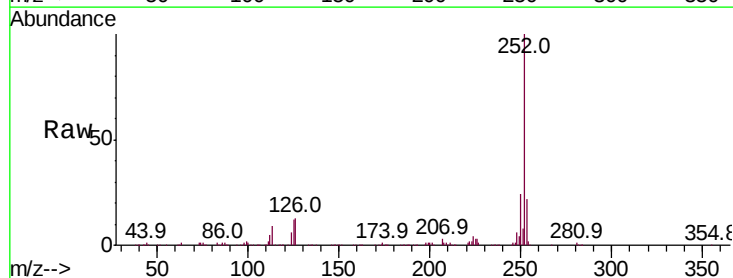
Instrument :
BNA_G
ClientSampleId :
PB114346BS

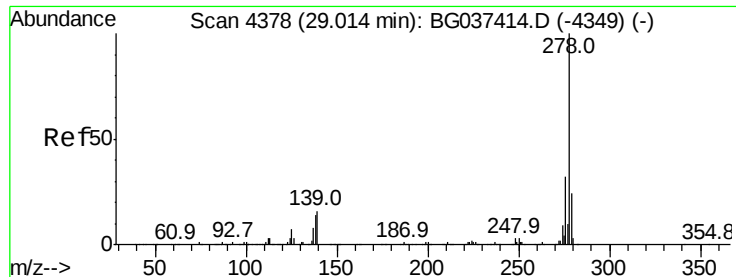
Tot Ion:252 Resp: 703081
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 37.513 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion:252 Resp: 667032
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 12.4 9.0 13.6

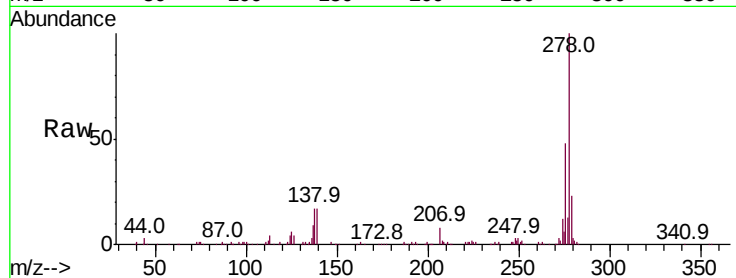




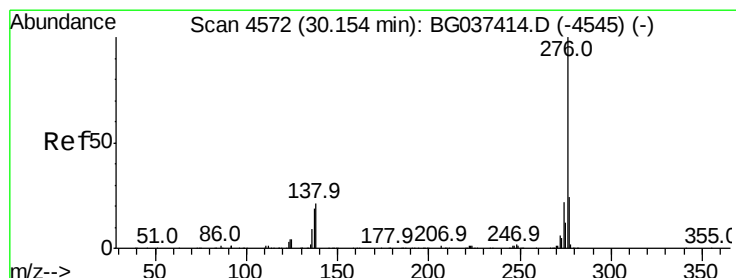
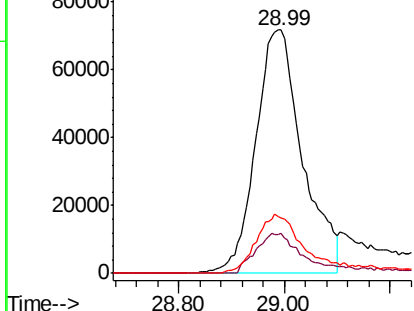
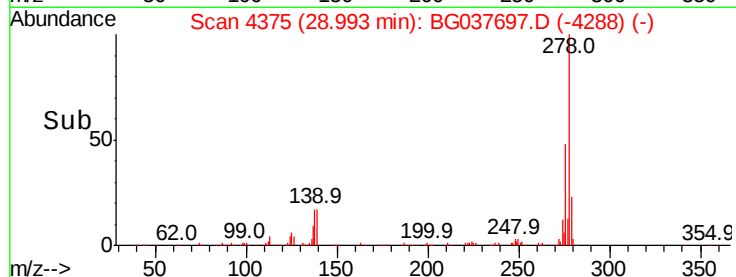
#91
Dibenzo(a,h)anthracene
Concen: 26.832 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB114346BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.5	17.3
279	22.6	18.6	27.8

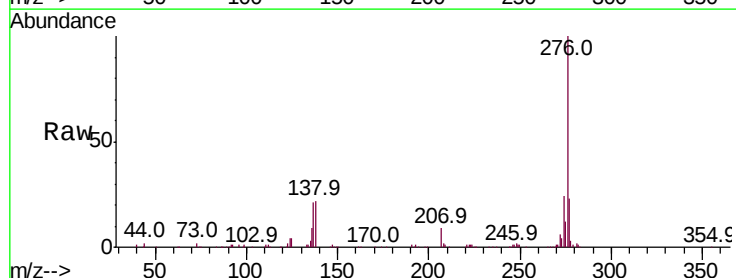


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 31.754 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037697.D
Acq: 31 Oct 2018 23:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	22.0	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

