

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037641.D
 Acq On : 30 Oct 2018 2:58
 Operator : JU/SJ
 Sample : PB114209BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

Quant Time: Oct 30 05:47:26 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	53364	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	247081	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	164106	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	402234	20.00	ng	0.00
76) Chrysene-d12	21.77	240	358038	20.00	ng	0.00
87) Perylene-d12	25.10	264	378350	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	451484	141.45	ng	0.00
7) Phenol-d6	7.25	99	635973	131.77	ng	0.00
23) Nitrobenzene-d5	9.28	82	323241	73.29	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	230289	128.66	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	802498	73.74	ng	0.00
79) Terphenyl-d14	20.08	244	1000690	59.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	47747	29.497	ng	97
3) Pyridine	3.93	79	138116	33.853	ng	94
4) n-Nitrosodimethylamine	3.85	42	63129	43.442	ng	# 99
6) Aniline	7.42	93	183228	31.118	ng	97
8) 2-Chlorophenol	7.66	128	159457	42.703	ng	98
9) Benzaldehyde	7.24	77	75978	25.165	ng	94
10) Phenol	7.28	94	220089	43.218	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	146925	37.987	ng	96
12) 1,3-Dichlorobenzene	7.99	146	154934	37.270	ng	99
13) 1,4-Dichlorobenzene	8.13	146	158242	37.214	ng	99
14) 1,2-Dichlorobenzene	8.46	146	150961	36.906	ng	98
15) Benzyl Alcohol	8.34	79	144216	40.438	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	266887	38.564	ng	97
17) 2-Methylphenol	8.53	107	145637	43.257	ng	99
18) Hexachloroethane	9.19	117	56618	39.056	ng	97
19) n-Nitroso-di-n-propylamine	8.90	70	123752	37.234	ng	95
20) 3+4-Methylphenols	8.86	107	205958	42.787	ng	96
22) Acetophenone	8.93	105	234184	37.792	ng	# 97
24) Nitrobenzene	9.32	77	178869	39.037	ng	95
25) Isophorone	9.84	82	350287	43.465	ng	95
26) 2-Nitrophenol	10.03	139	90138	43.668	ng	97
27) 2,4-Dimethylphenol	10.07	122	173899	47.184	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	211685	40.091	ng	94
29) 2,4-Dichlorophenol	10.56	162	173996	42.402	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	164377	36.836	ng	98
31) Naphthalene	10.97	128	491862	40.529	ng	99
32) Benzoic acid	10.20	122	119163	49.780	ng	97
33) 4-Chloroaniline	11.08	127	131905	23.132	ng	98
34) Hexachlorobutadiene	11.24	225	94623	35.777	ng	97
35) Caprolactam	11.87	113	66584	40.458	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	195155	42.170	ng	98
37) 2-Methylnaphthalene	12.57	142	381133	43.082	ng	99
38) 1-Methylnaphthalene	12.79	142	361724	42.103	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	192660	36.397	ng	98

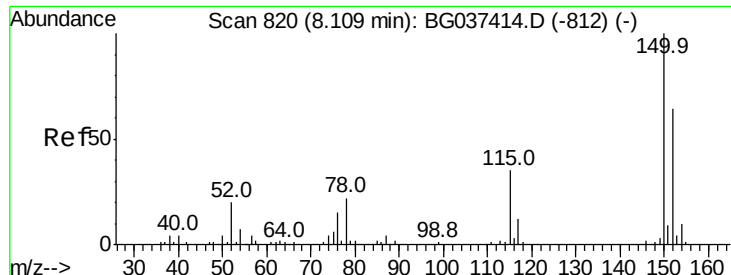
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	234371	92.693	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	148612	42.024	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	162155	42.115	ng	97
46) 1,1'-Biphenyl	13.57	154	494302	36.370	ng	98
47) 2-Chloronaphthalene	13.62	162	391507	38.077	ng	99
48) 2-Nitroaniline	13.83	65	131702	42.239	ng	92
49) Acenaphthylene	14.46	152	656445	42.442	ng	100
50) Dimethylphthalate	14.19	163	509304	40.117	ng	99
51) 2,6-Dinitrotoluene	14.32	165	116123	41.347	ng	95
52) Acenaphthene	14.80	154	378975	39.785	ng	97
53) 3-Nitroaniline	14.65	138	103016	33.041	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	96403	78.382	ng	97
55) Dibenzofuran	15.13	168	615246	38.983	ng	99
56) 4-Nitrophenol	14.94	139	201942	87.503	ng	97
57) 2,4-Dinitrotoluene	15.10	165	163466	44.340	ng	99
58) Fluorene	15.78	166	499781	42.288	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	143187	43.434	ng	98
60) Diethylphthalate	15.54	149	533382	40.923	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	258903	37.584	ng	100
62) 4-Nitroaniline	15.81	138	129329	41.745	ng	94
63) Azobenzene	16.06	77	503443	40.483	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	83399	41.016	ng	97
66) n-Nitrosodiphenylamine	15.98	169	460893	38.093	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	166612	37.719	ng	99
68) Hexachlorobenzene	16.78	284	166521	36.374	ng	98
69) Atrazine	16.93	200	176237	40.287	ng	99
70) Pentachlorophenol	17.12	266	203800	66.460	ng	97
71) Phenanthrene	17.52	178	831125	40.656	ng	99
72) Anthracene	17.62	178	841523	41.947	ng	99
73) Carbazole	17.89	167	766987	38.220	ng	99
74) Di-n-butylphthalate	18.42	149	912834	40.891	ng	100
75) Fluoranthene	19.53	202	969181	41.800	ng	99
77) Benzidine	19.71	184	390388	32.067	ng	98
78) Pyrene	19.89	202	954733	40.791	ng	99
80) Butylbenzylphthalate	20.77	149	413679	43.186	ng	97
81) Benzo(a)anthracene	21.75	228	893618	42.196	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	251382	30.624	ng	99
83) Chrysene	21.82	228	826483	40.586	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	587356	43.745	ng	99
85) Di-n-octyl phthalate	22.86	149	981228	44.816	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	894198	40.940	ng	99
88) Benzo(b)fluoranthene	24.03	252	864883	41.696	ng	99
89) Benzo(k)fluoranthene	24.10	252	840944	41.381	ng	97
90) Benzo(a)pyrene	24.94	252	837924	42.512	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	740571	40.733	ng	99
92) Benzo(g,h,i)perylene	30.13	276	742512	40.367	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

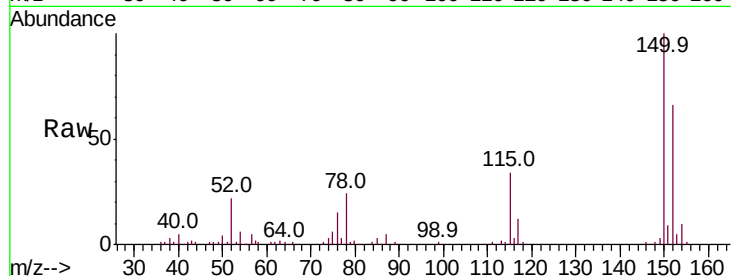
Tot Ion:152 Resp: 53364

Ion Ratio Lower Upper

152 100

150 152.6 126.0 189.0

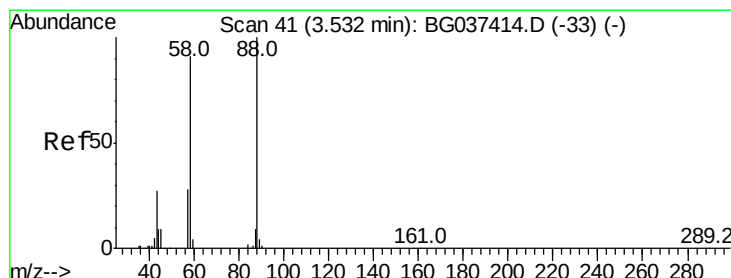
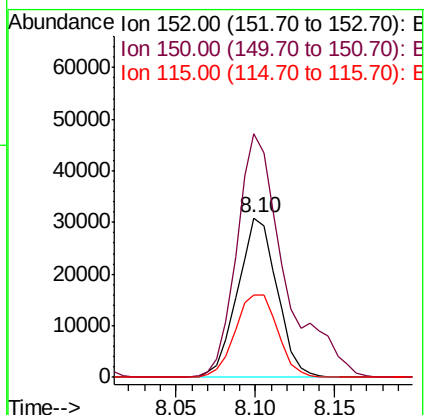
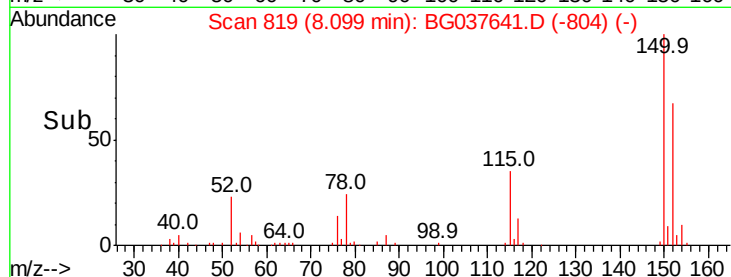
115 51.6 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.497 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

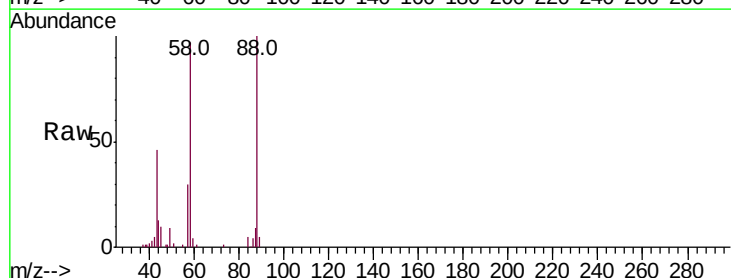
Tgt Ion: 88 Resp: 47747

Ion Ratio Lower Upper

88 100

58 90.8 74.4 111.6

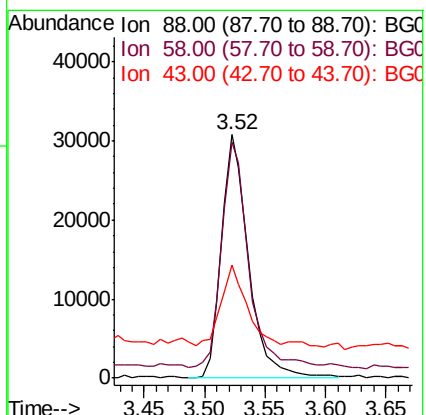
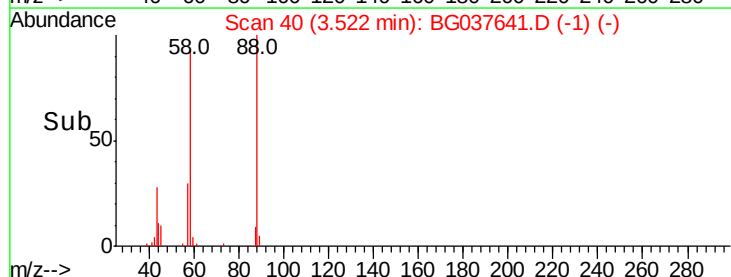
43 30.4 25.8 38.8

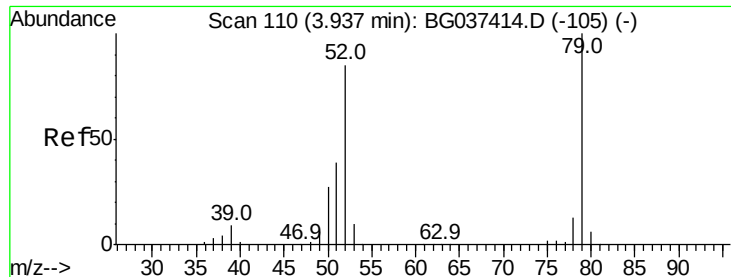


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.853 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

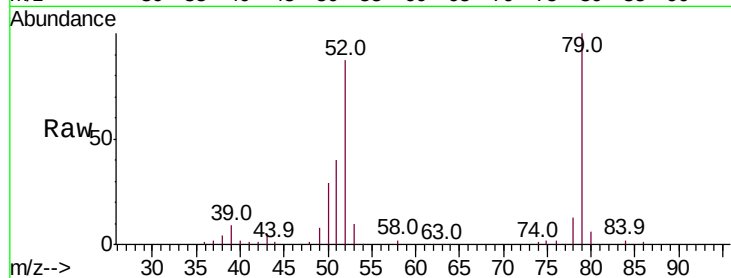
Tot Ion: 79 Resp: 138116

Ion Ratio Lower Upper

79 100

52 87.3 74.2 111.2

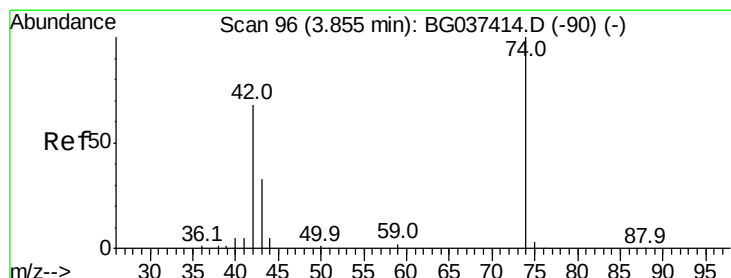
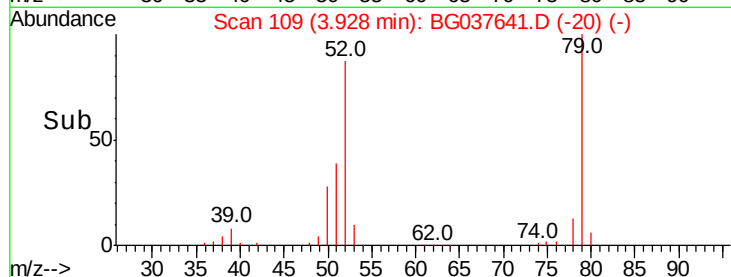
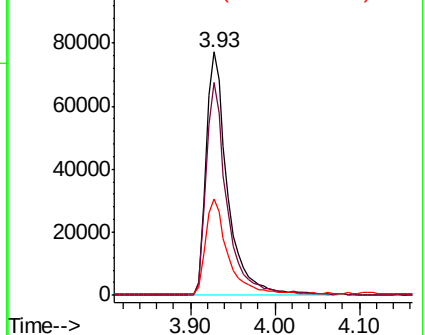
51 39.8 34.6 51.8



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: 43.442 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

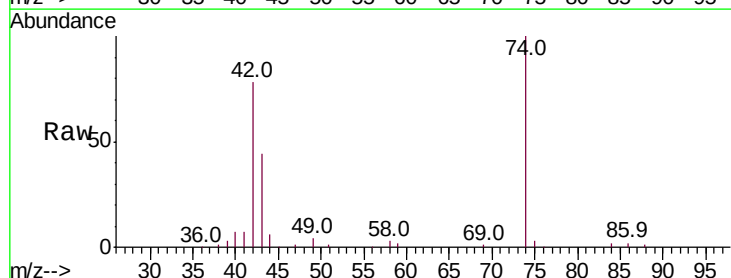
Tgt Ion: 42 Resp: 63129

Ion Ratio Lower Upper

42 100

74 127.9 102.0 153.0

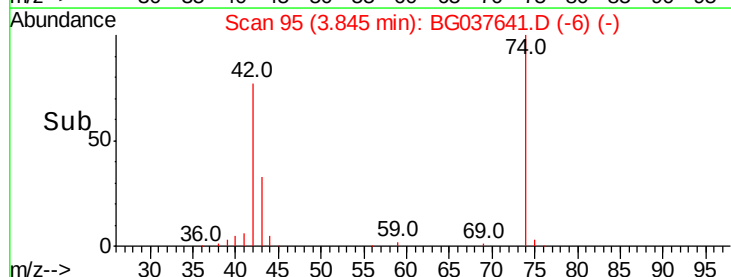
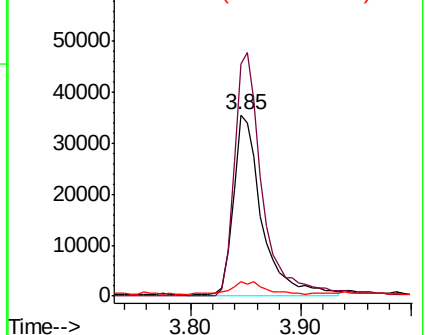
44 8.3 9.6 14.4#

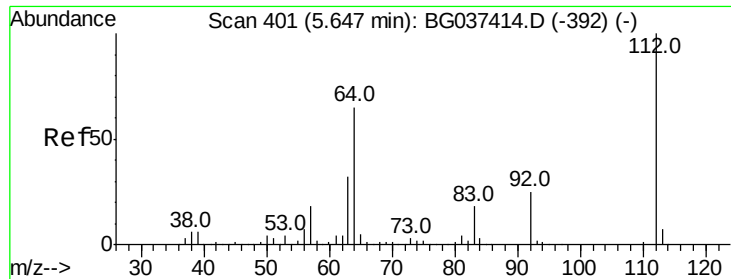


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.446 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

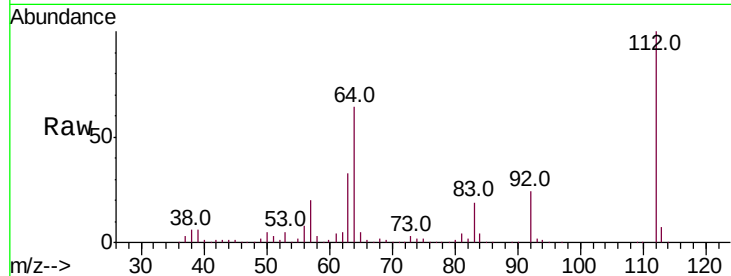
Tot Ion:112 Resp: 451484

Ion Ratio Lower Upper

112 100

64 64.0 53.1 79.7

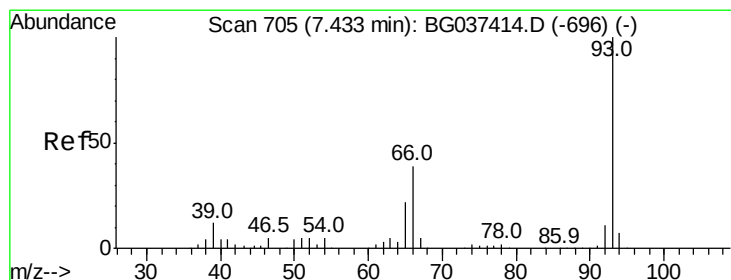
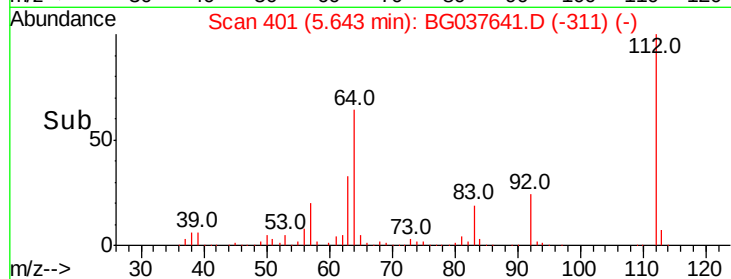
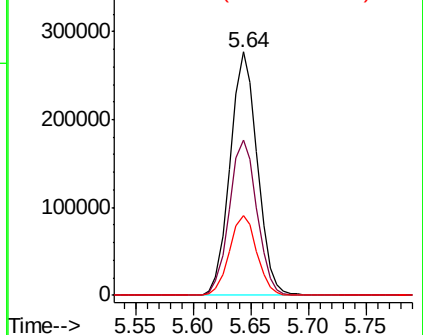
63 32.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.118 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

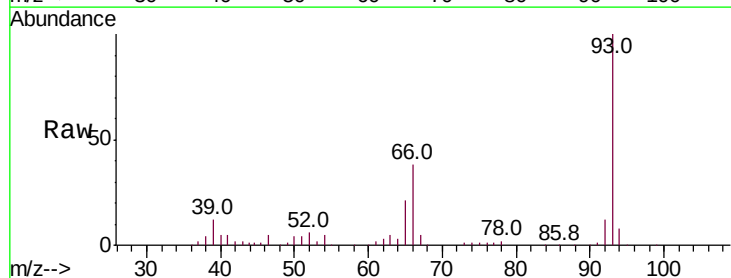
Tgt Ion: 93 Resp: 183228

Ion Ratio Lower Upper

93 100

66 38.3 32.8 49.2

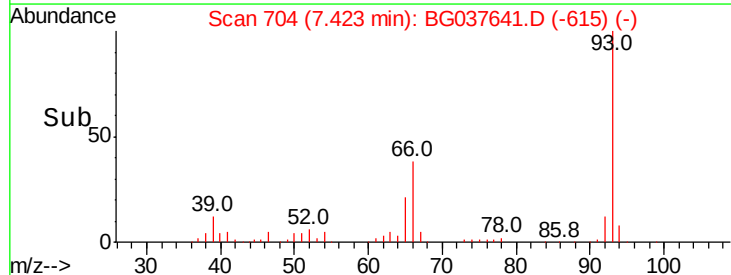
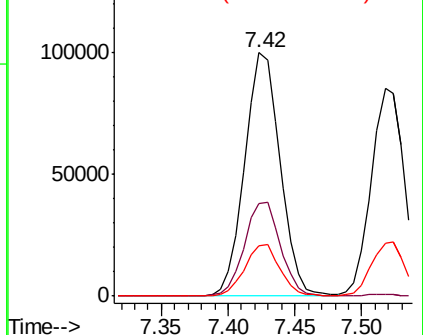
65 20.7 16.4 24.6

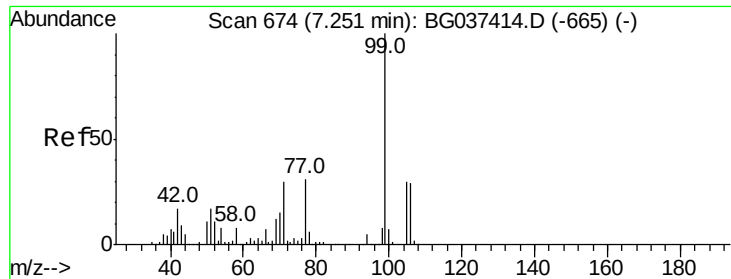


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.765 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

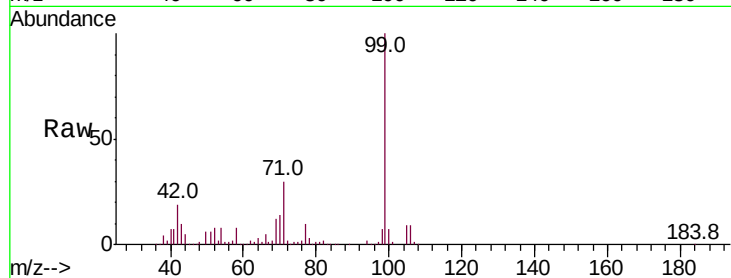
Tot Ion: 99 Resp: 635973

Ion Ratio Lower Upper

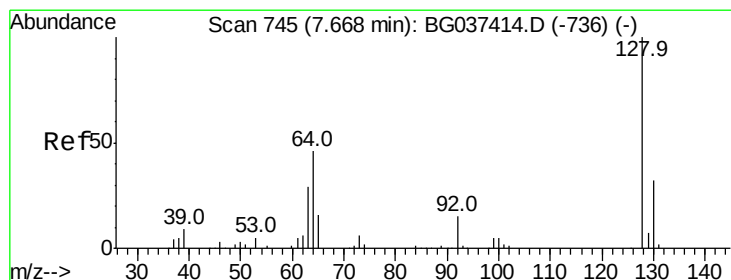
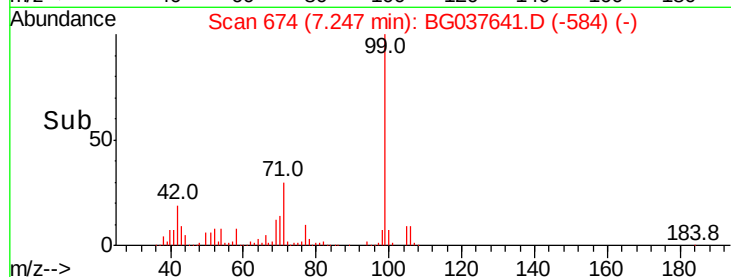
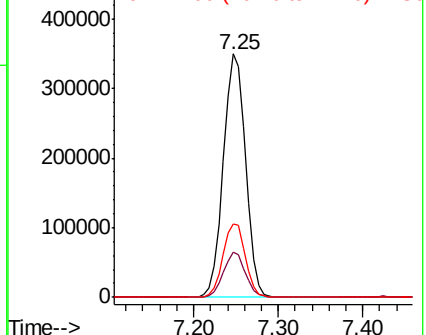
99 100

42 18.6 15.0 22.4

71 30.3 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: 42.703 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

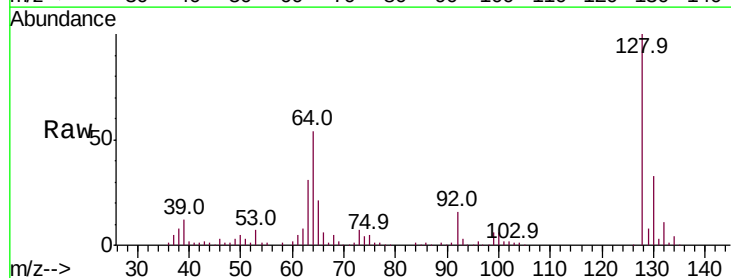
Tgt Ion: 128 Resp: 159457

Ion Ratio Lower Upper

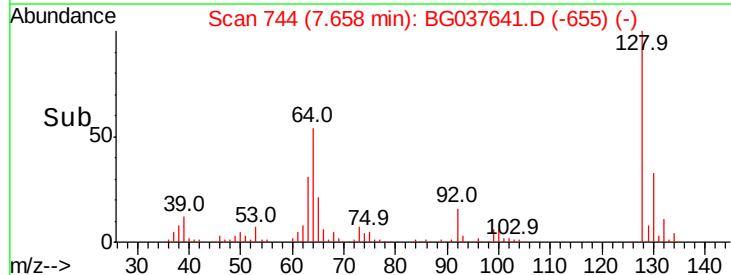
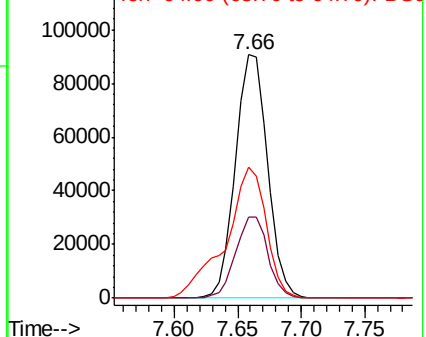
128 100

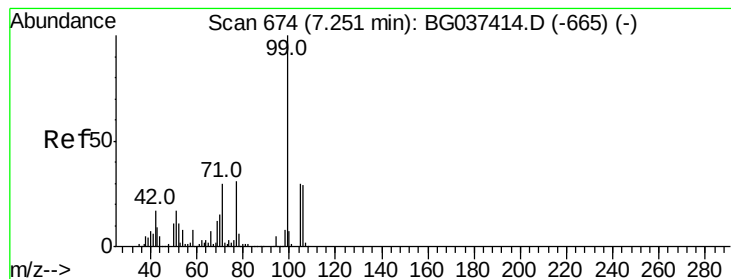
130 33.4 12.0 52.0

64 54.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 25.165 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

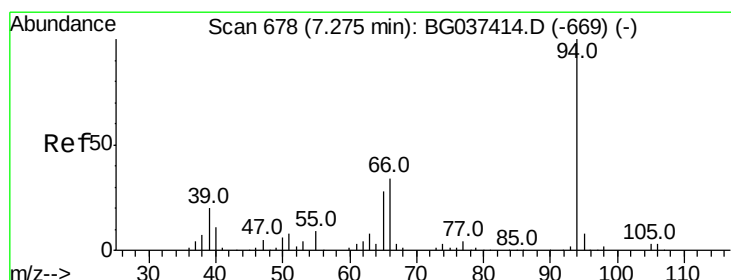
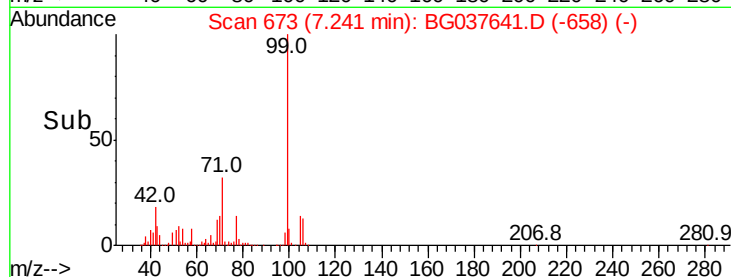
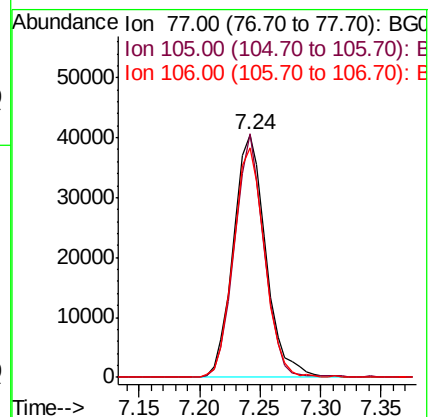
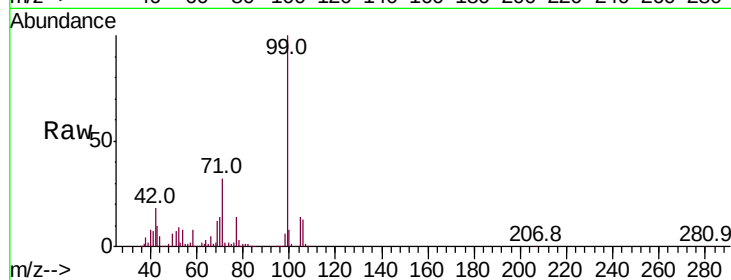
Tot Ion: 77 Resp: 75978

Ion Ratio Lower Upper

77 100

105 100.3 72.6 112.6

106 94.5 71.3 111.3



#10

Phenol

Concen: 43.218 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

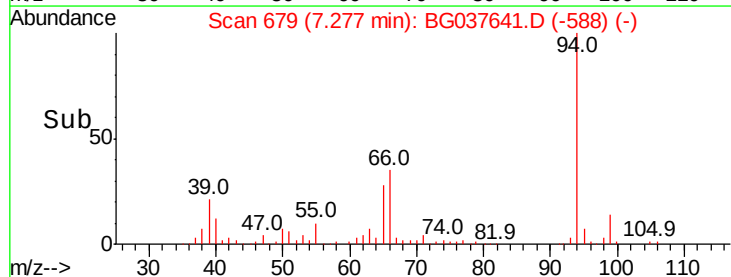
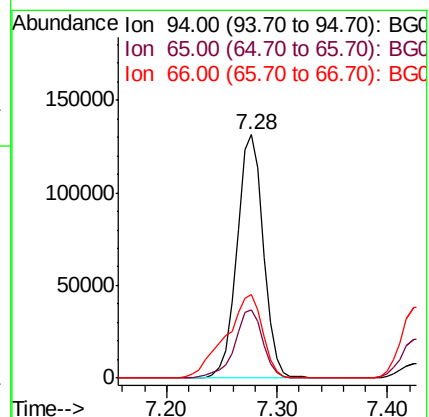
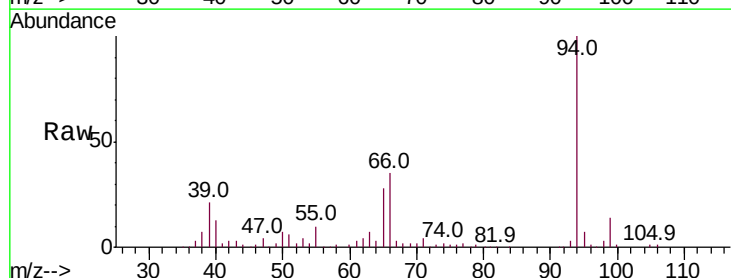
Tgt Ion: 94 Resp: 220089

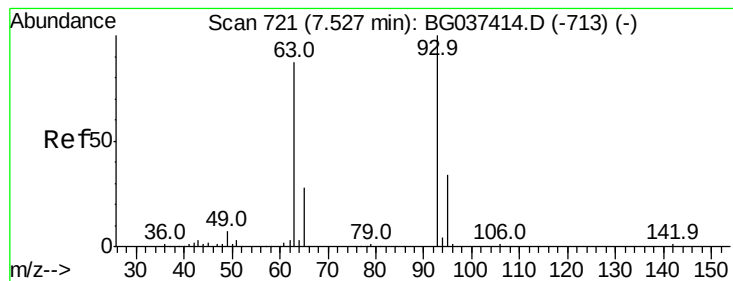
Ion Ratio Lower Upper

94 100

65 28.0 9.7 49.7

66 34.5 15.9 55.9





#11

bis(2-Chloroethyl)ether

Concen: 37.987 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

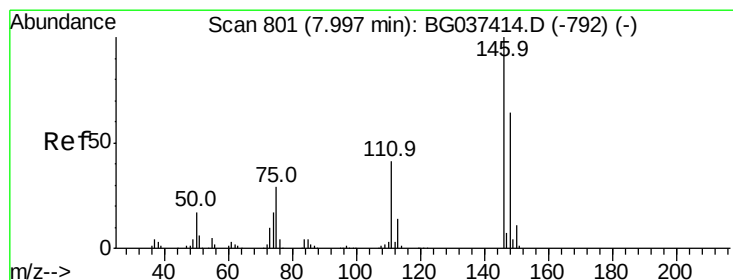
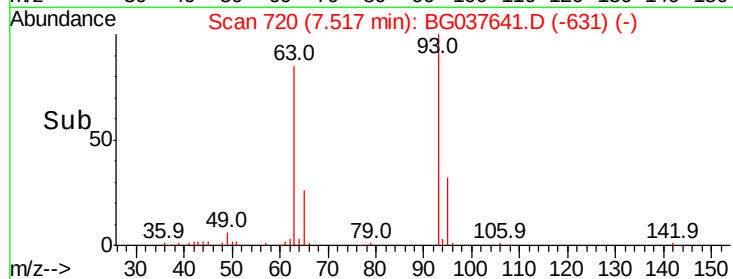
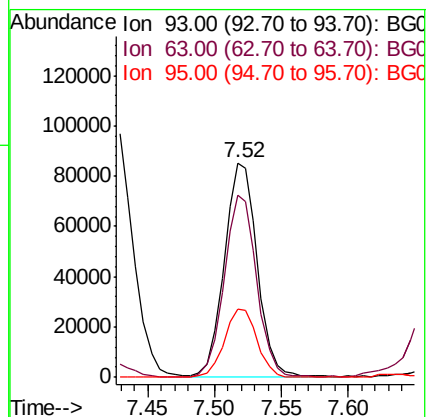
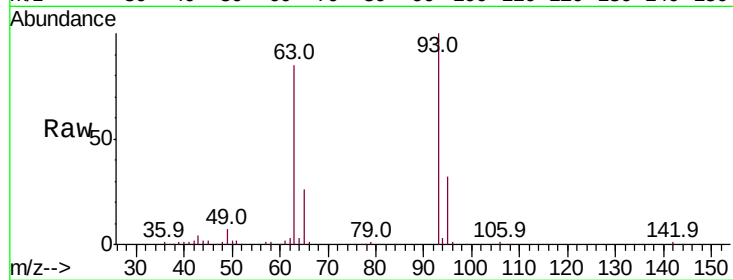
Tot Ion: 93 Resp: 146925

Ion Ratio Lower Upper

93 100

63 84.9 69.5 109.5

95 31.8 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 37.270 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

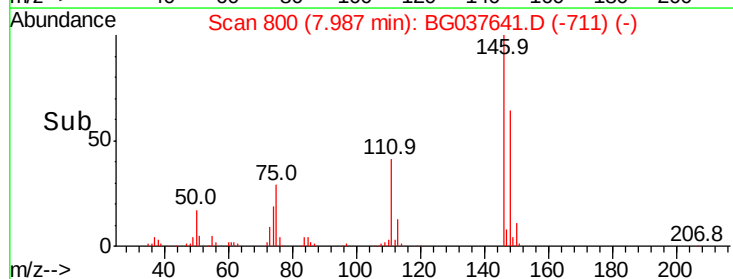
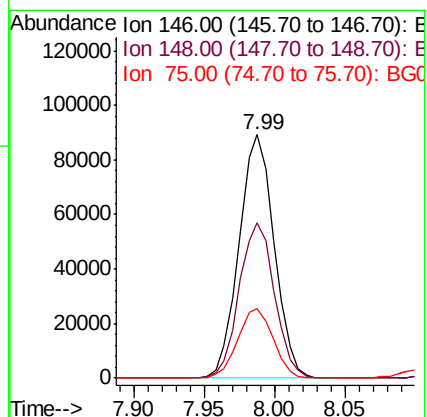
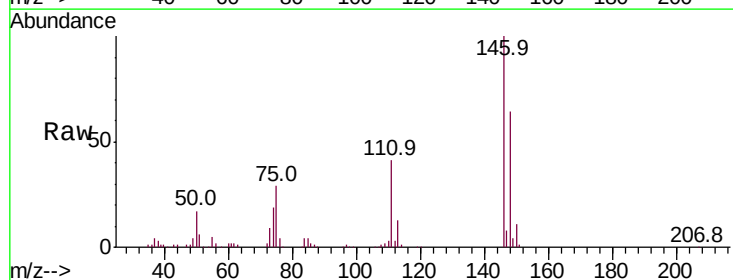
Tgt Ion: 146 Resp: 154934

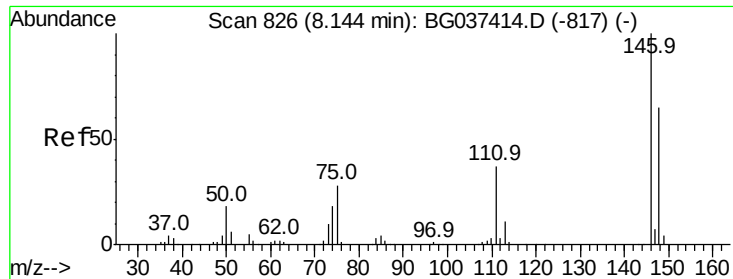
Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.8

75 28.8 23.2 34.8

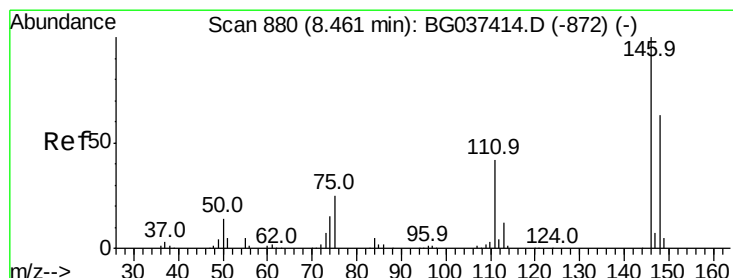
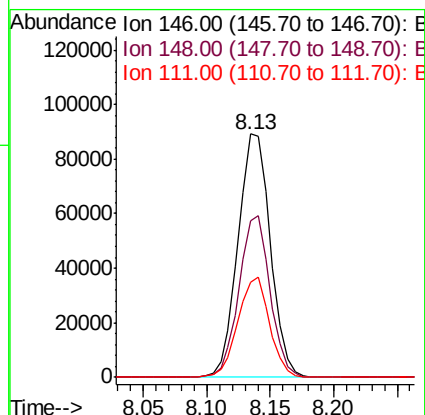
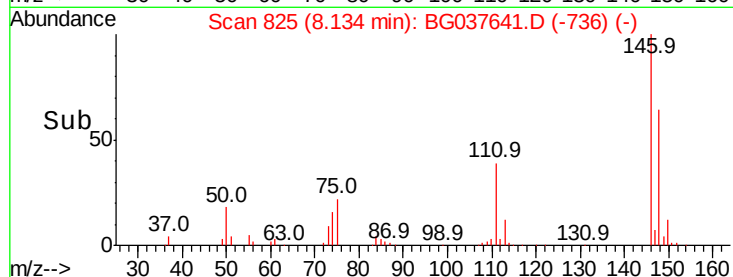
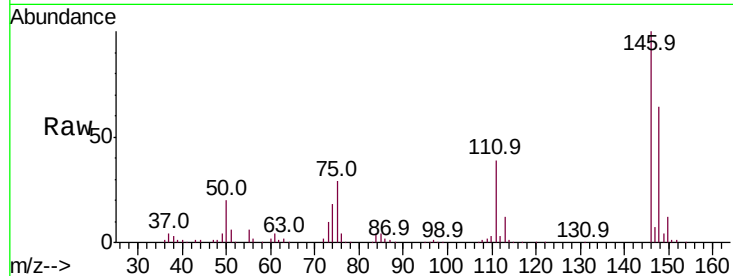




#13
 1,4-Dichlorobenzene
 Concen: 37.214 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

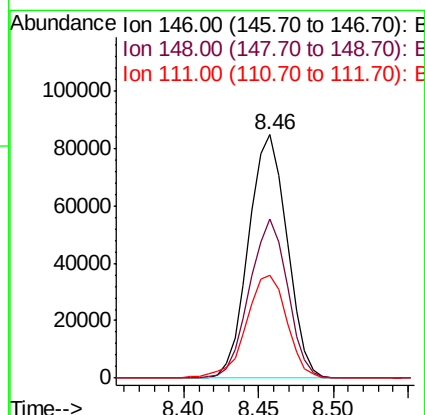
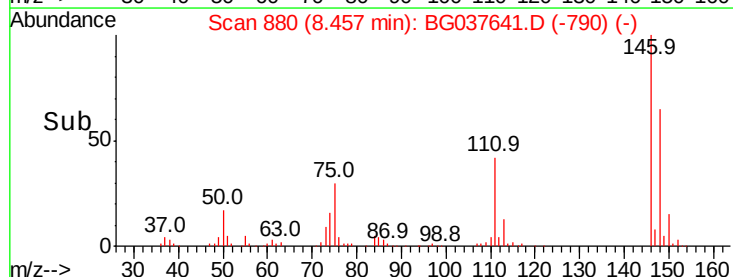
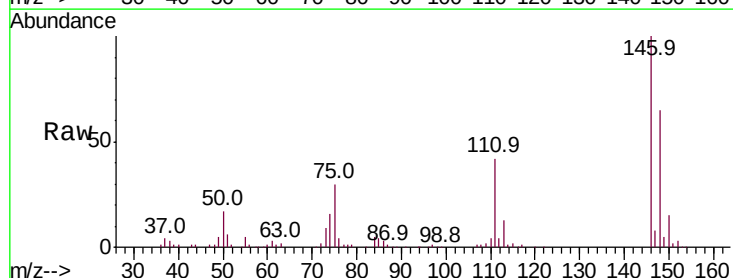
Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

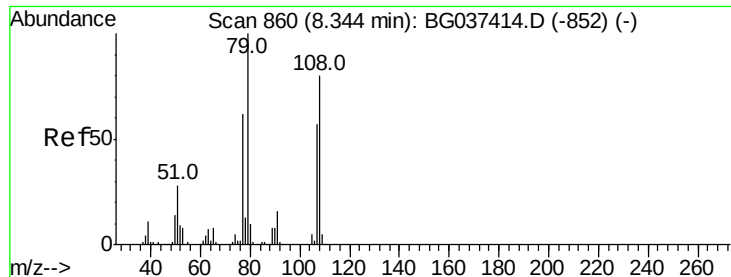
Tot Ion:146 Resp: 158242
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 38.9 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 36.906 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion:146 Resp: 150961
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.4 75.6
 111 42.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 40.438 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

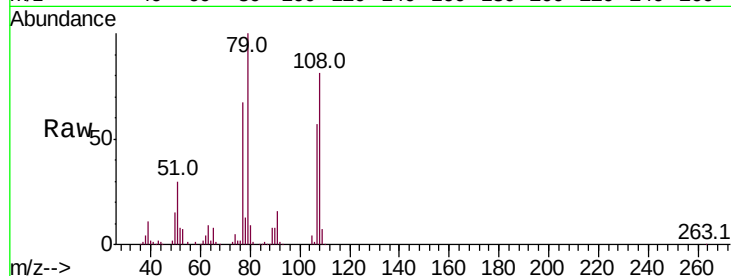
Tot Ion: 79 Resp: 144216

Ion Ratio Lower Upper

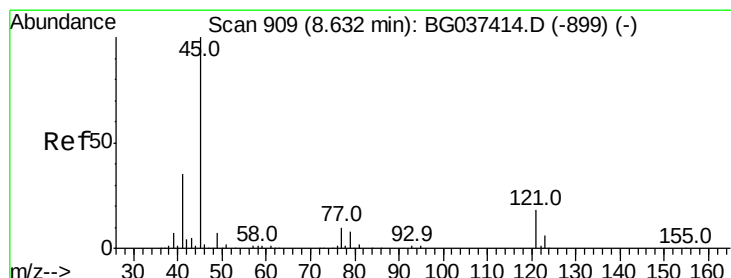
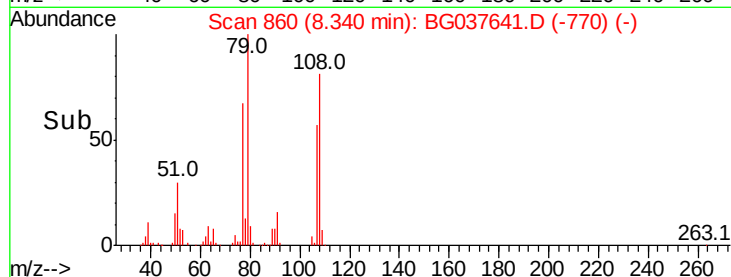
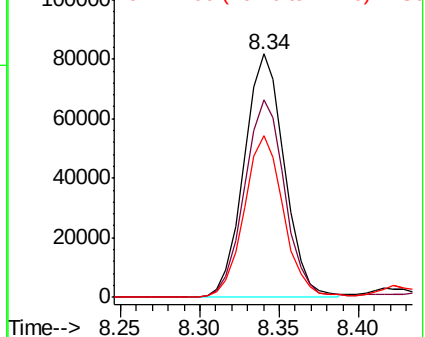
79 100

108 81.2 65.8 98.8

77 66.7 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.564 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

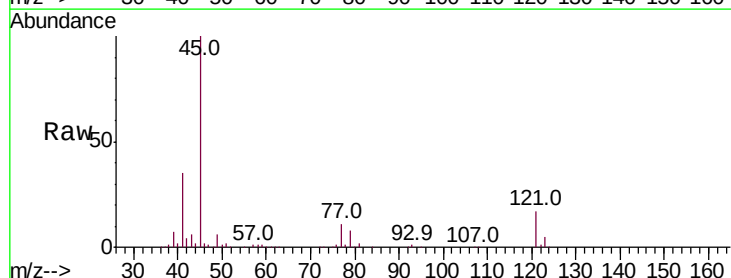
Tgt Ion: 45 Resp: 266887

Ion Ratio Lower Upper

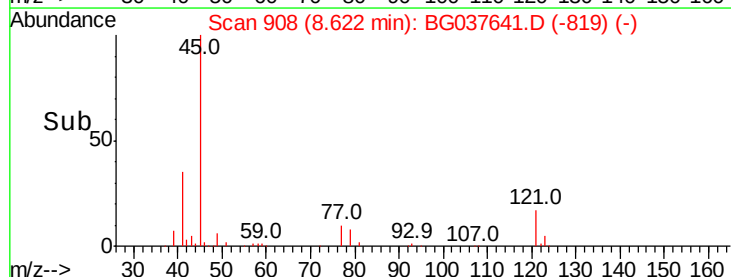
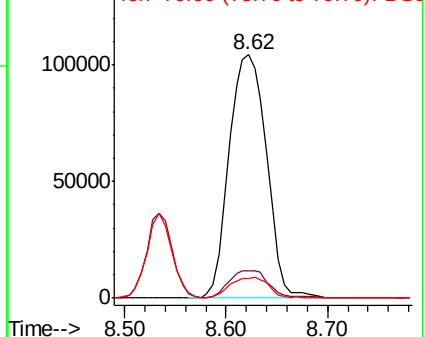
45 100

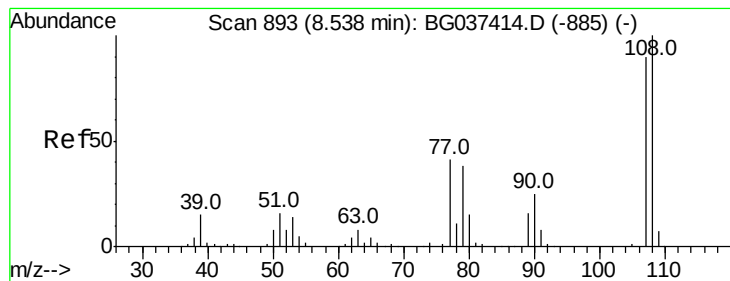
77 11.4 0.0 30.0

79 8.2 0.0 29.0



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





#17

2-Methylphenol

Concen: 43.257 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

Tot Ion:107 Resp: 145637

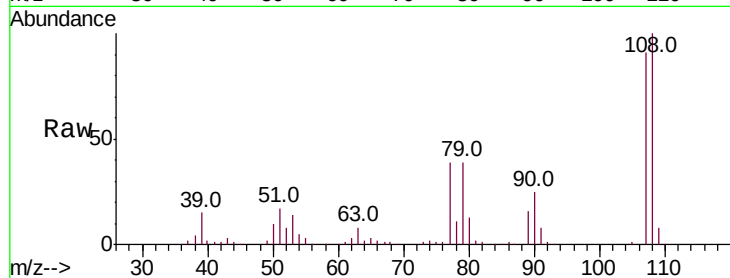
Ion Ratio Lower Upper

107 100

108 109.7 87.9 131.9

77 42.6 35.1 52.7

79 42.5 34.5 51.7



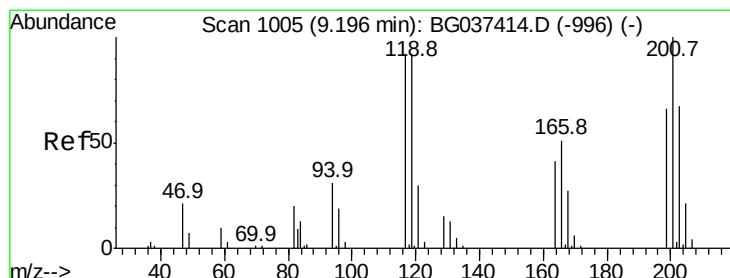
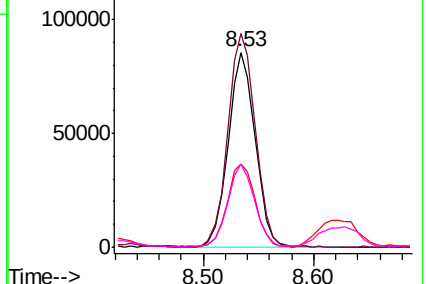
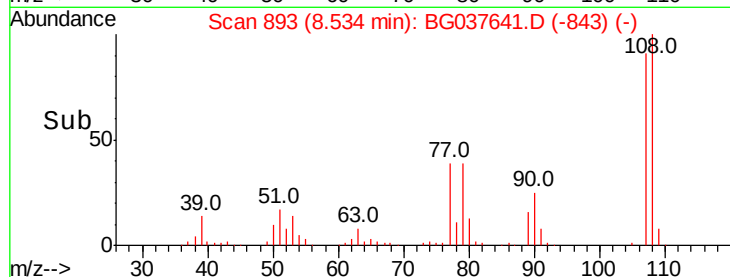
Abundance

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: 39.056 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

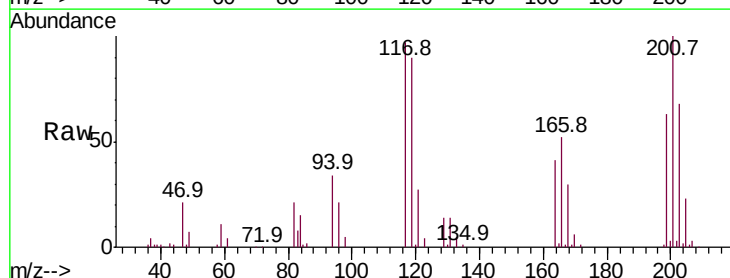
Tgt Ion:117 Resp: 56618

Ion Ratio Lower Upper

117 100

119 93.0 74.6 111.8

201 106.1 80.8 121.2

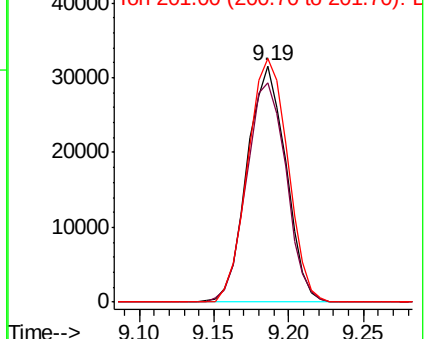
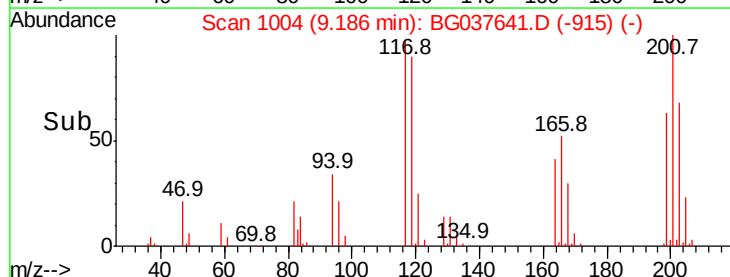


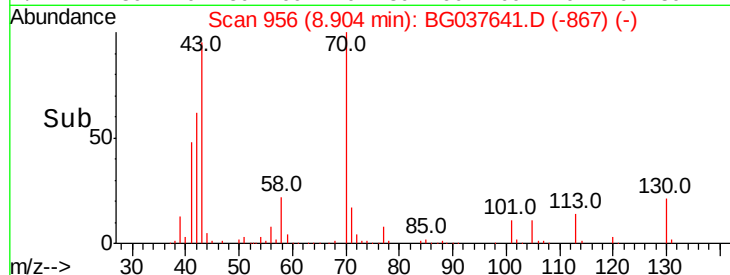
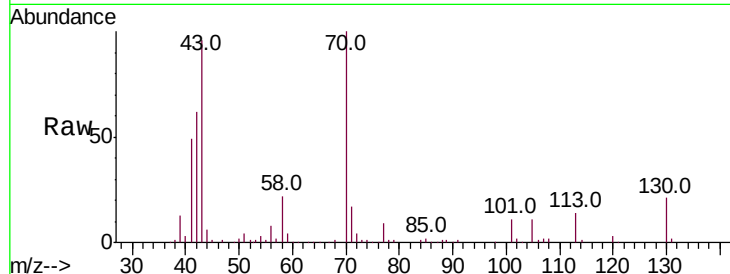
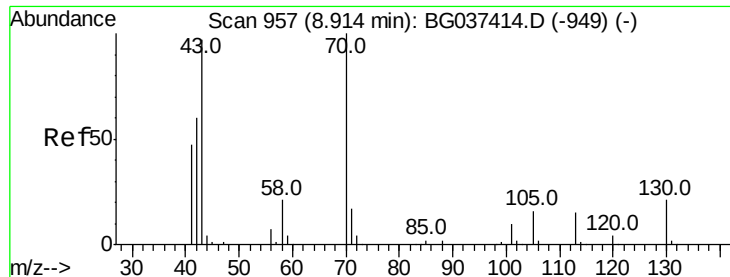
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

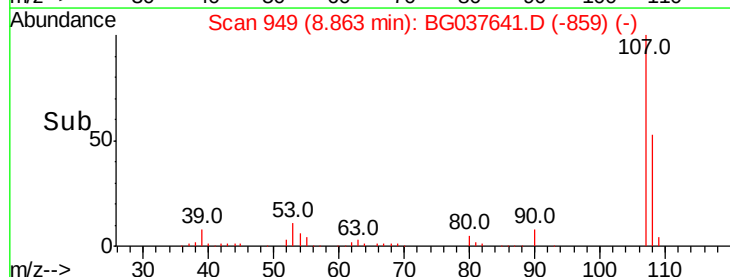
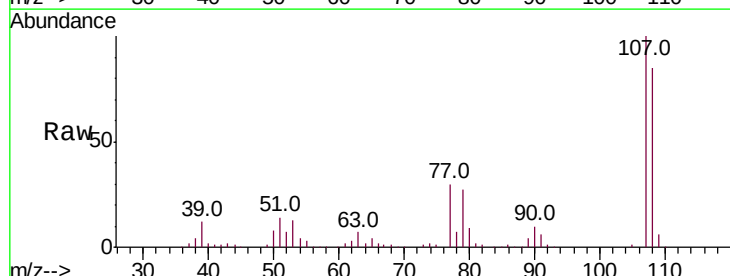
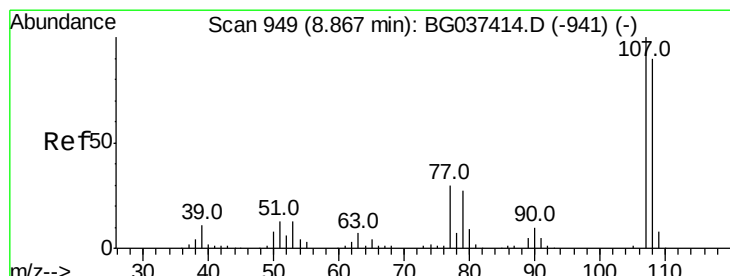
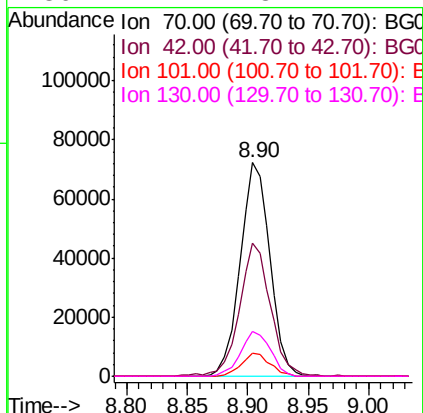




#19
n-Nitroso-di-n-propylamine
Concen: 37.234 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

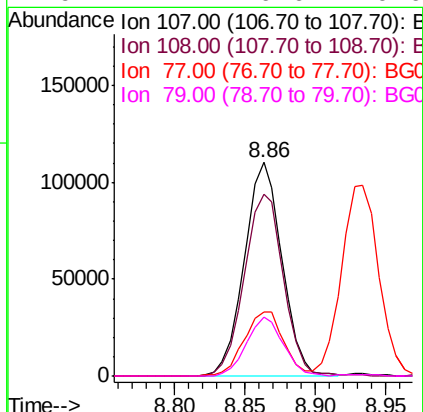
Instrument :
BNA_G
ClientSampleId :
PB114209BS

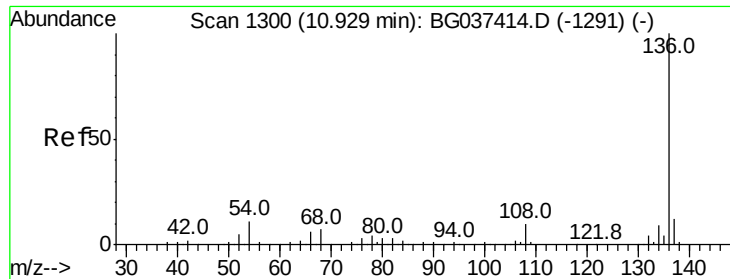
Tot Ion:	70	Resp:	123752
Ion	Ratio	Lower	Upper
70	100		
42	62.5	53.9	80.9
101	10.5	8.2	12.2
130	21.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.787 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion:	107	Resp:	205958
Ion	Ratio	Lower	Upper
107	100		
108	85.4	69.9	109.9
77	30.1	11.2	51.2
79	27.4	6.6	46.6

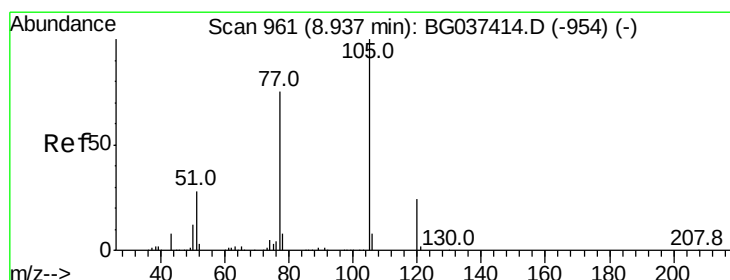
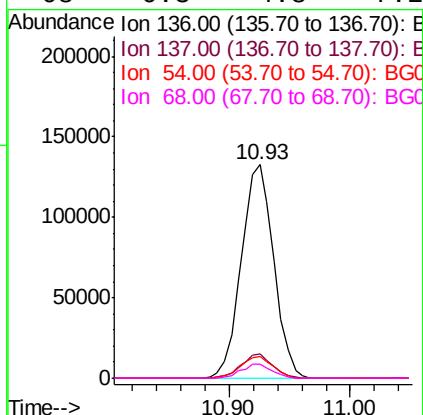
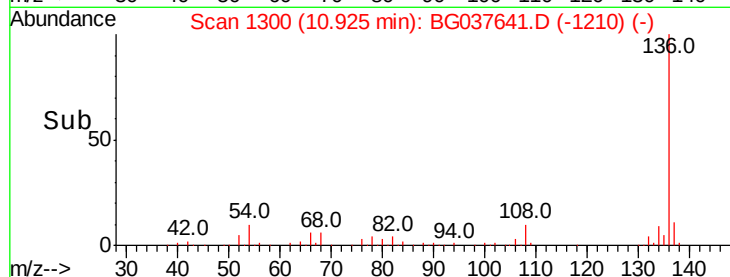
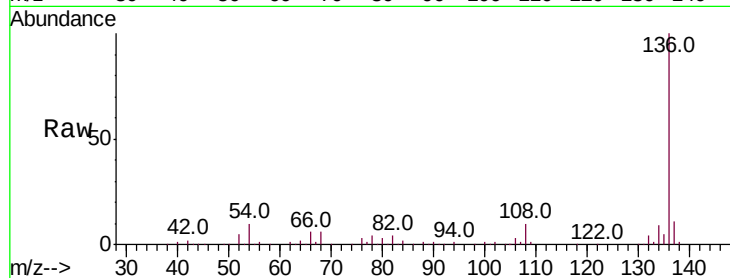




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

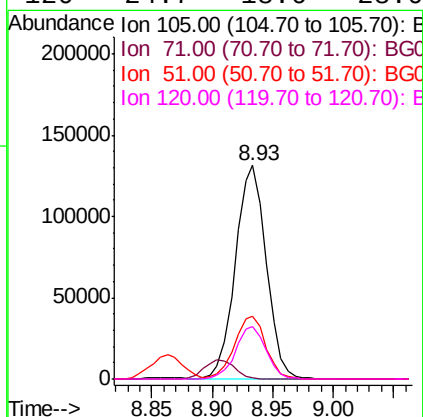
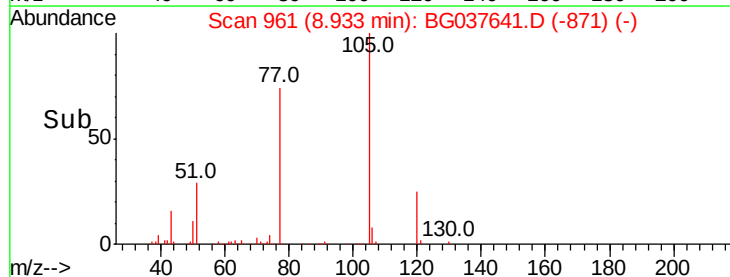
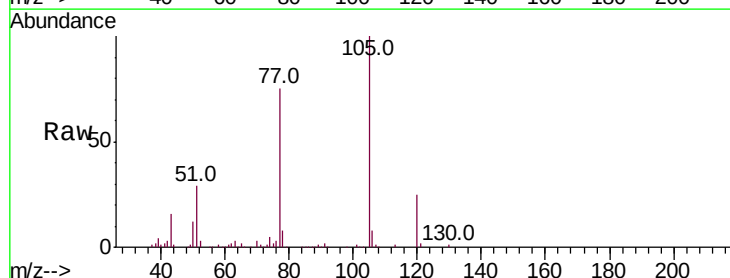
Instrument :
BNA_G
ClientSampleId :
PB114209BS

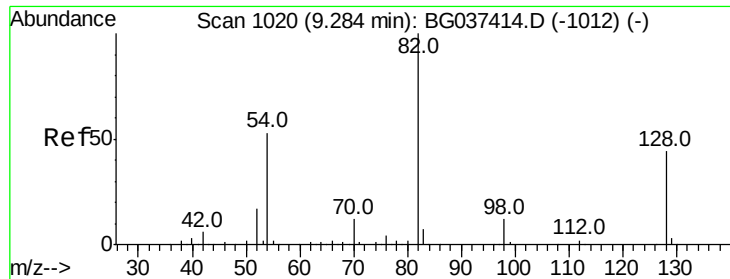
Tot Ion:136	Resp:	247081
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	10.1	7.9 11.9
68	6.3	4.8 7.2



#22
Acetophenone
Concen: 37.792 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion:105	Resp:	234184
Ion	Ratio	Lower Upper
105	100	
71	0.6	1.2 1.8#
51	29.1	25.0 37.6
120	24.7	18.6 28.0

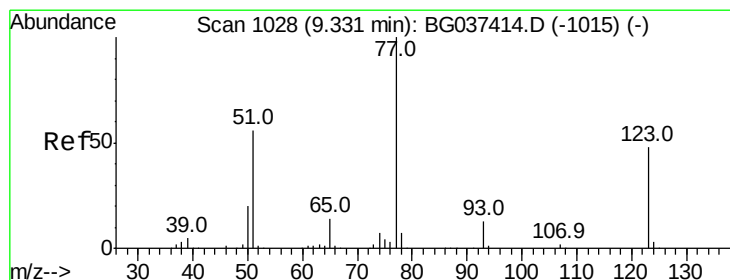
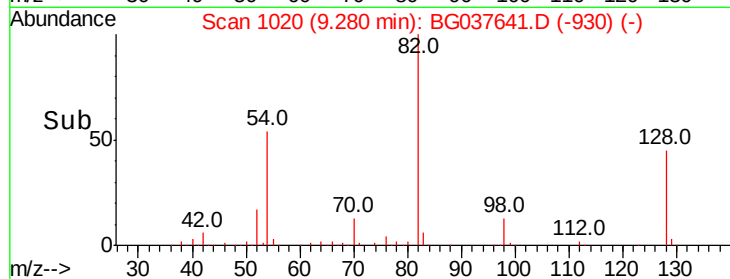
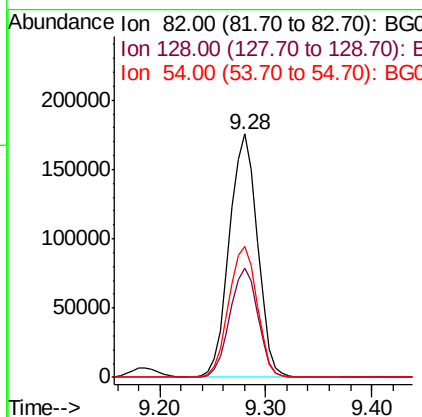
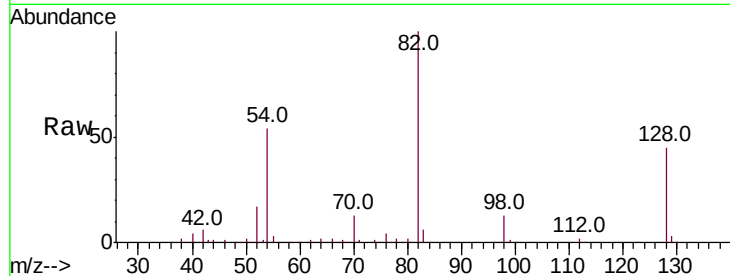




#23
 Nitrobenzene-d5
 Concen: 73.286 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

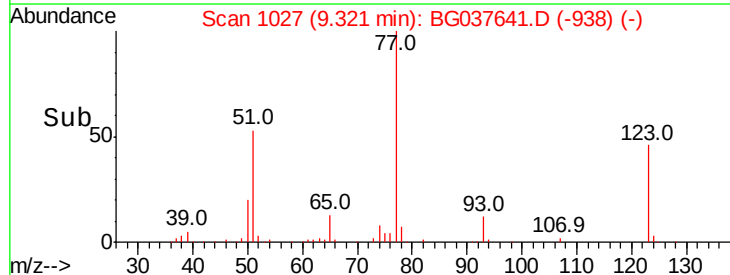
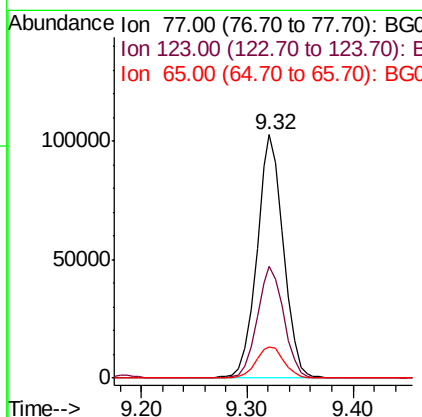
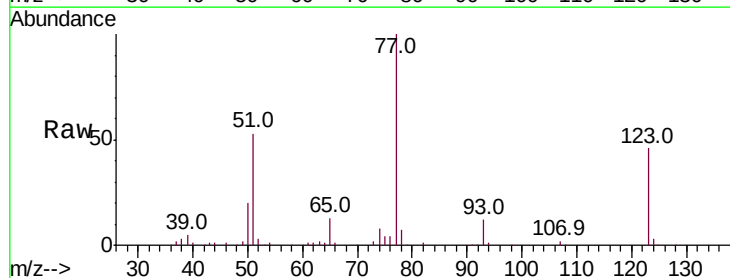
Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

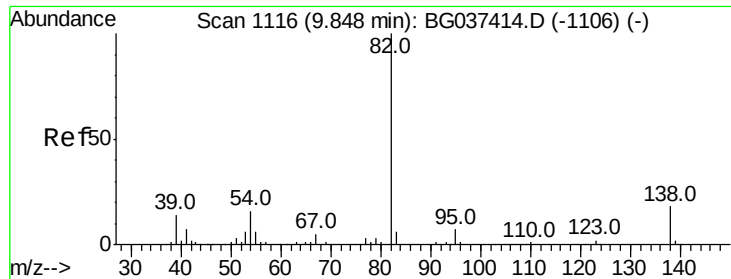
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	53.9	45.3	67.9



#24
 Nitrobenzene
 Concen: 39.037 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	33.6	50.4
65	13.0	11.3	16.9

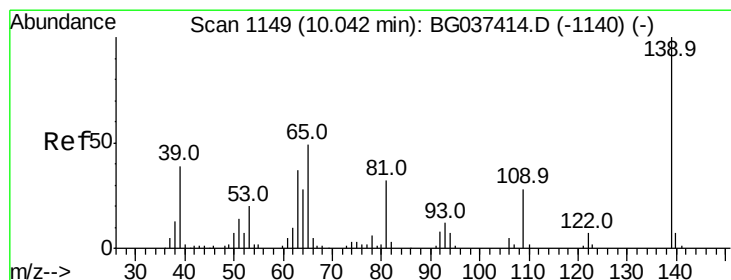
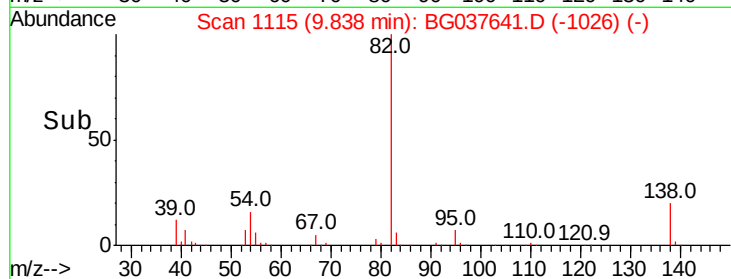
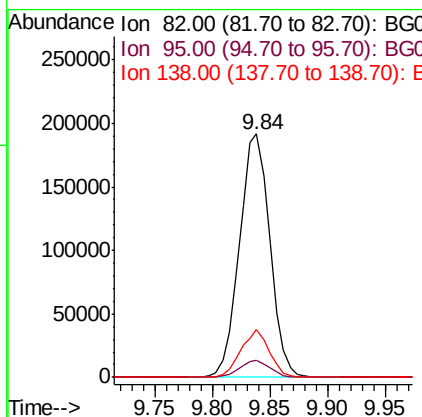
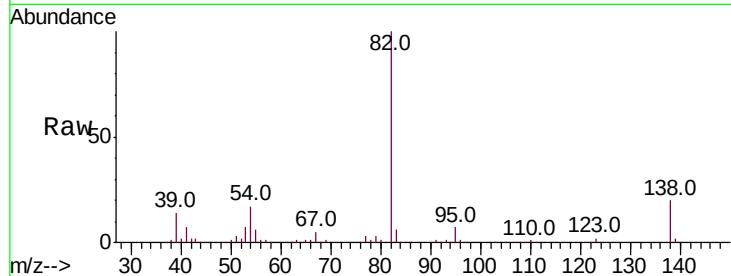




#25
Isophorone
Concen: 43.465 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

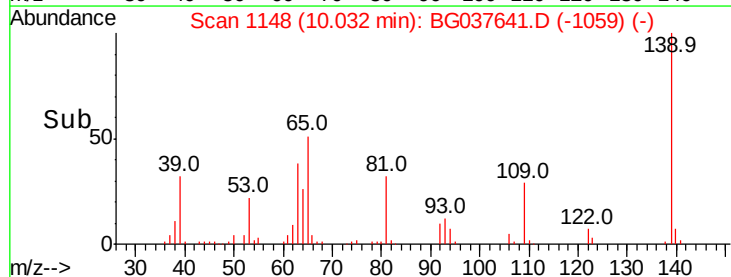
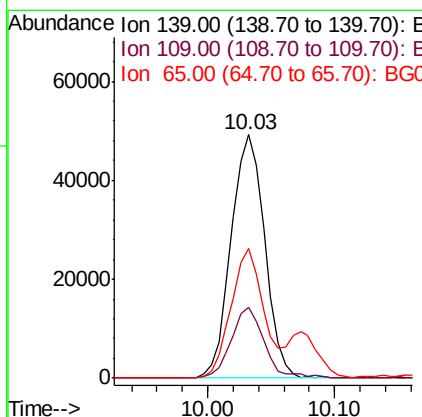
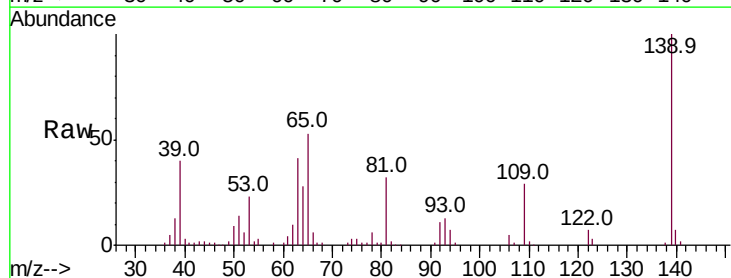
Instrument :
BNA_G
ClientSampleId :
PB114209BS

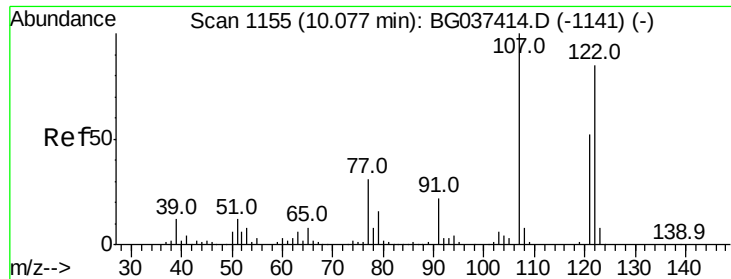
Tot Ion: 82 Resp: 350287
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 19.7 13.3 19.9



#26
2-Nitrophenol
Concen: 43.668 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion: 139 Resp: 90138
Ion Ratio Lower Upper
139 100
109 29.2 23.3 34.9
65 53.2 39.8 59.8

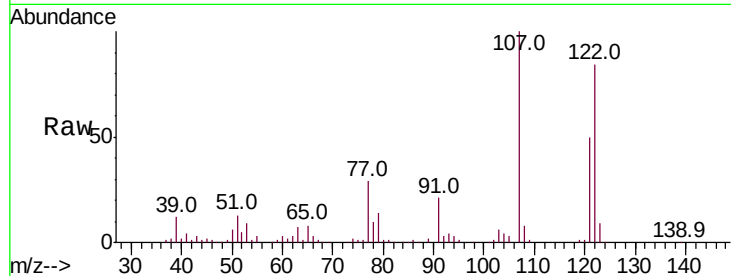




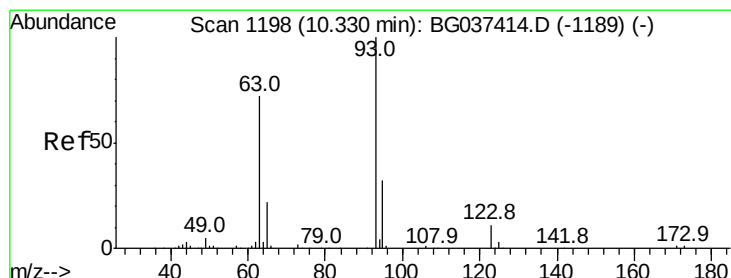
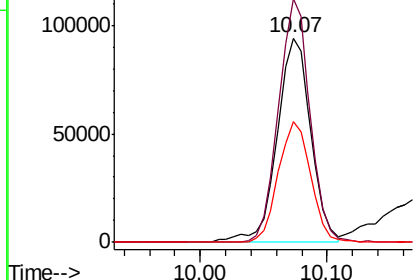
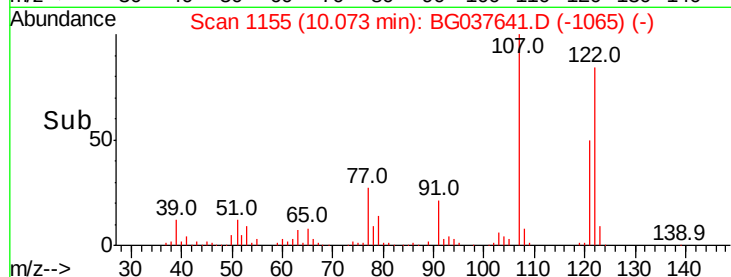
#27
2,4-Dimethylphenol
Concen: 47.184 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Instrument :
BNA_G
ClientSampled :
PB114209BS

Tot Ion:122 Resp: 173899
Ion Ratio Lower Upper
122 100
107 119.3 94.2 141.2
121 59.3 47.3 70.9

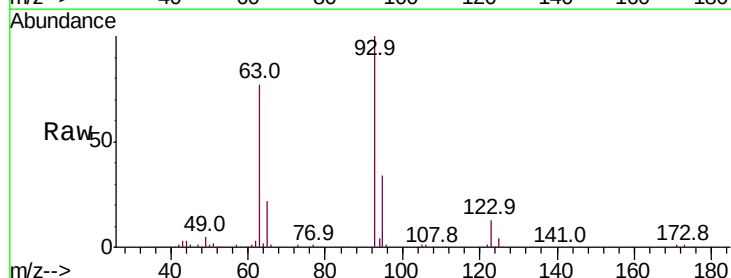


Abundance Ion 122.00 (121.70 to 122.70): E
150000 Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

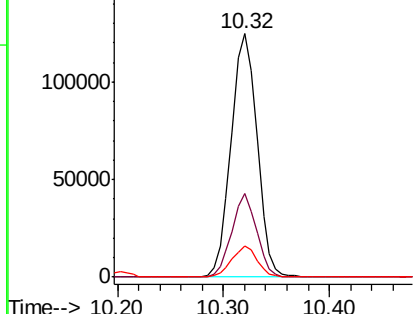
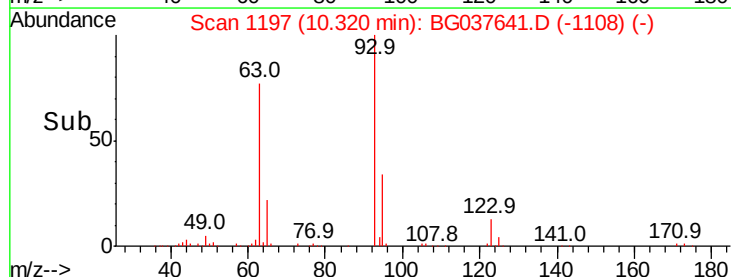


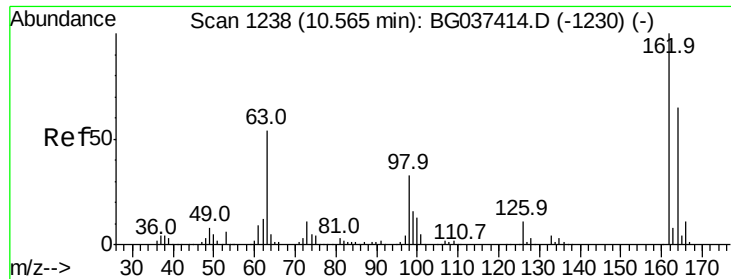
#28
bis(2-Chloroethoxy)methane
Concen: 40.091 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion: 93 Resp: 211685
Ion Ratio Lower Upper
93 100
95 34.5 24.6 37.0
123 12.7 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
150000 Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

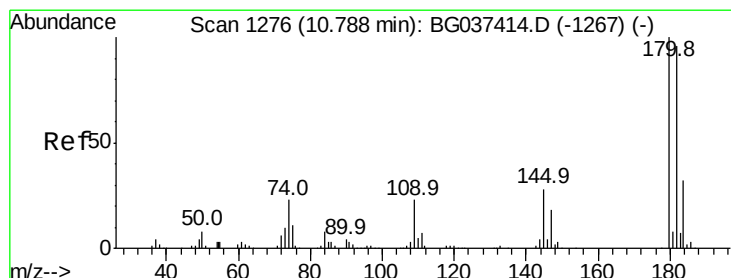
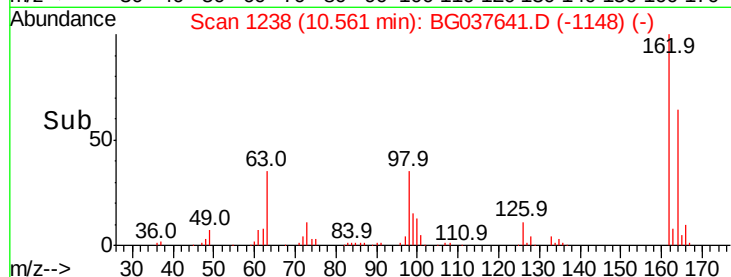
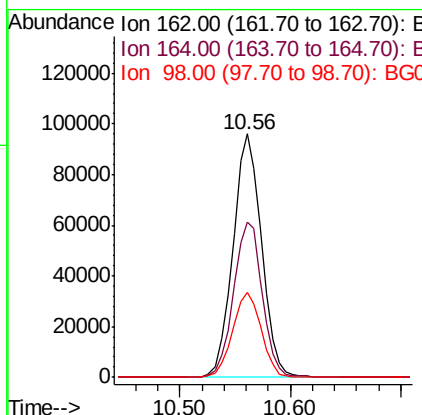
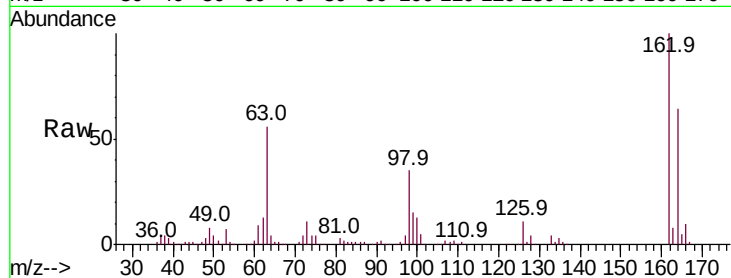




#29
 2,4-Dichlorophenol
 Concen: 42.402 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

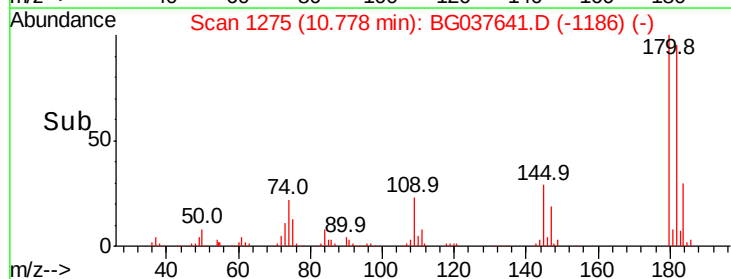
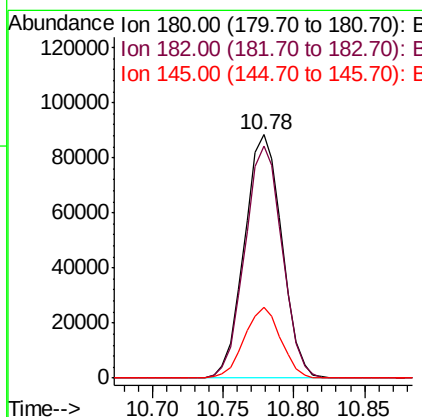
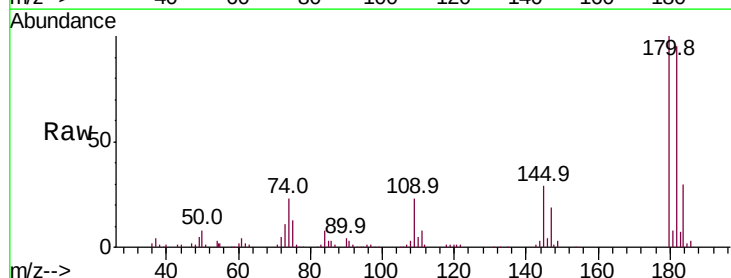
Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

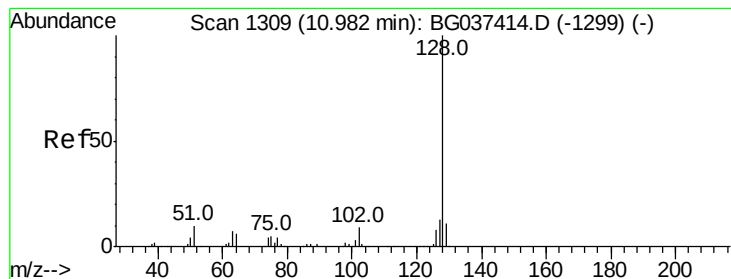
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.2	83.2
98	34.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.836 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.7	116.5
145	29.2	23.3	34.9





#31

Naphthalene

Concen: 40.529 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

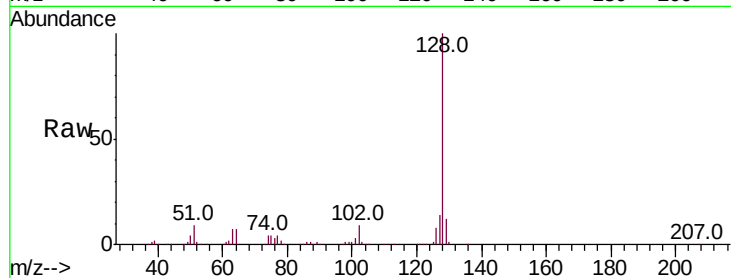
Tot Ion:128 Resp: 491862

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

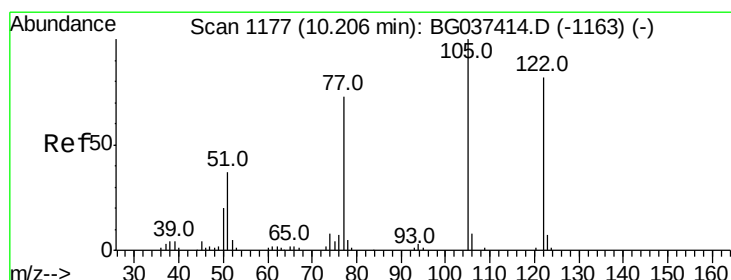
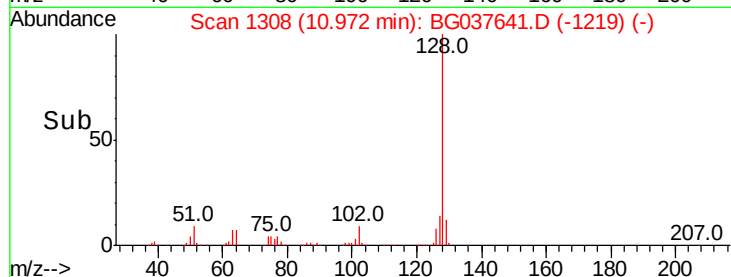
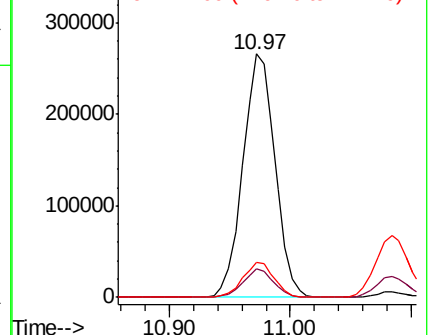
127 14.4 11.1 16.7



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: 49.780 ng

RT: 10.20 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

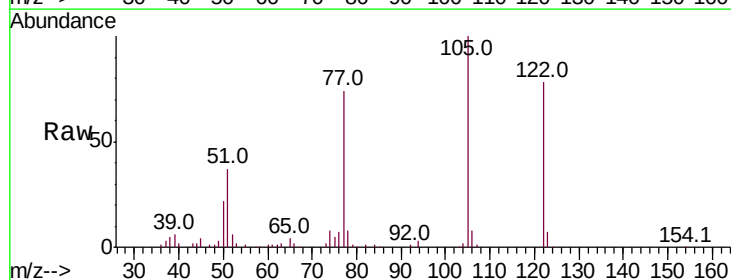
Tgt Ion:122 Resp: 119163

Ion Ratio Lower Upper

122 100

105 128.8 106.7 146.7

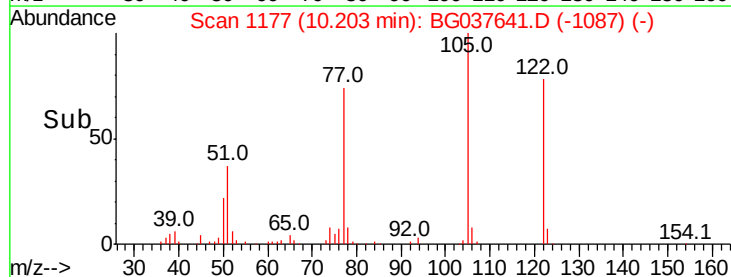
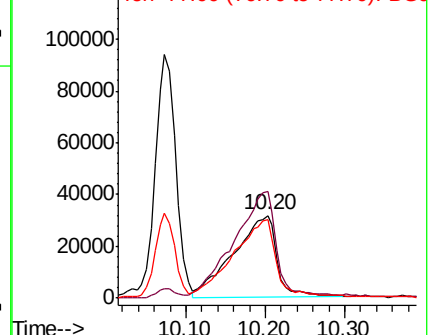
77 95.6 72.2 112.2

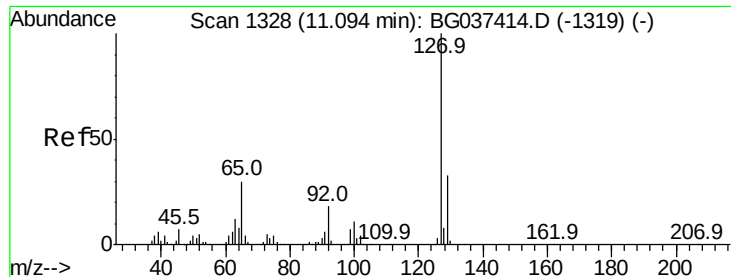


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

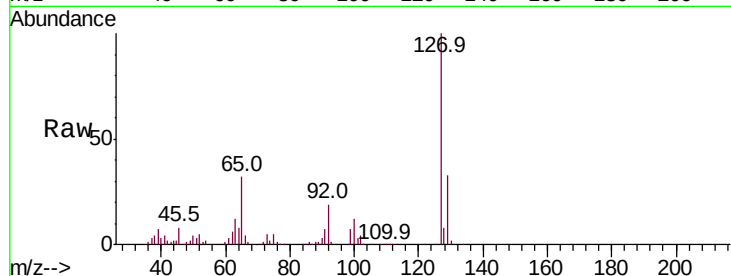




#33
4-Chloroaniline
Concen: 23.132 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Instrument :
BNA_G
ClientSampleId :
PB114209BS

Tot Ion:	127	Resp:	131905
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.1	40.7
65	32.1	26.6	39.8
92	18.6	16.4	24.6



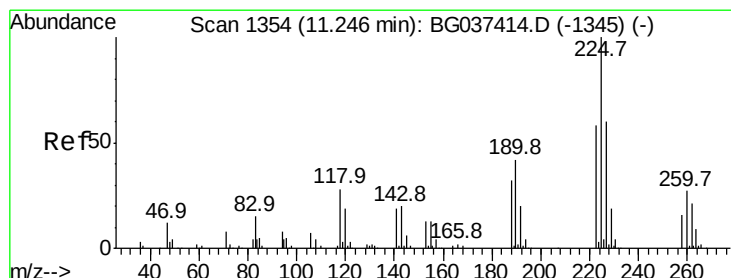
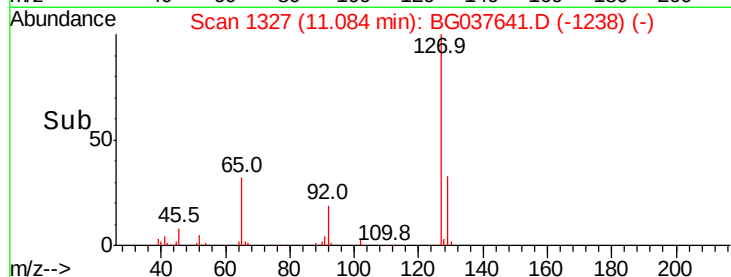
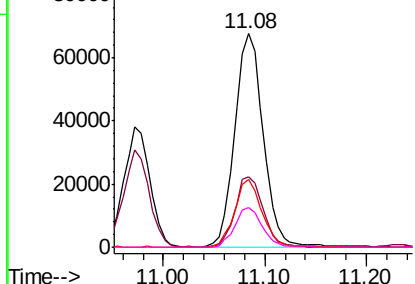
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

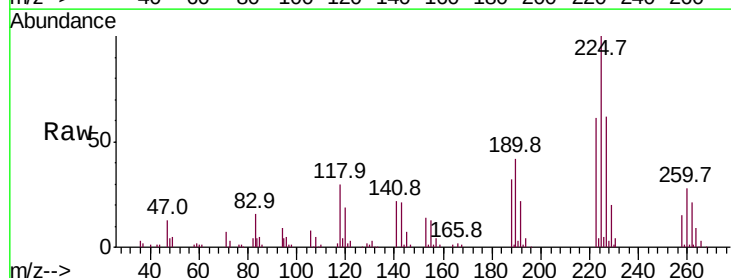
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.777 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion:	225	Resp:	94623
Ion	Ratio	Lower	Upper
225	100		
223	57.9	48.2	72.4
227	62.1	51.6	77.4

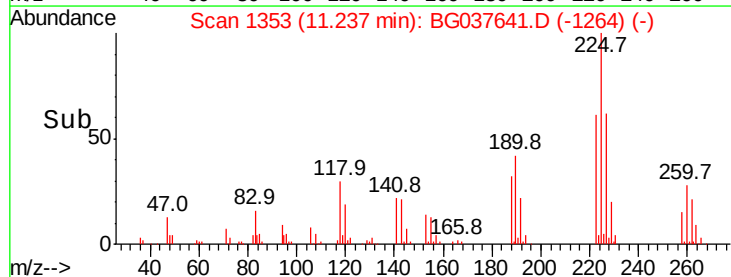
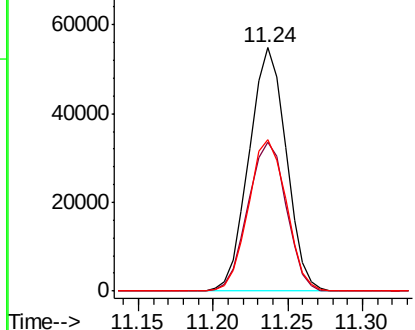


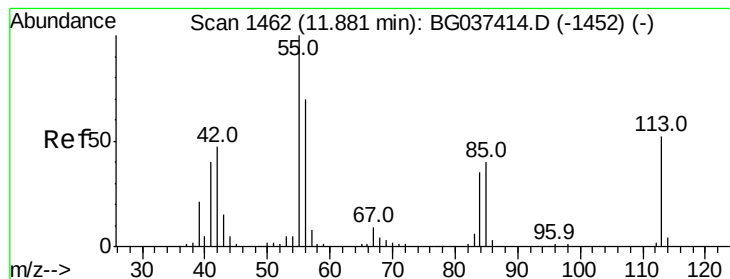
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.458 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

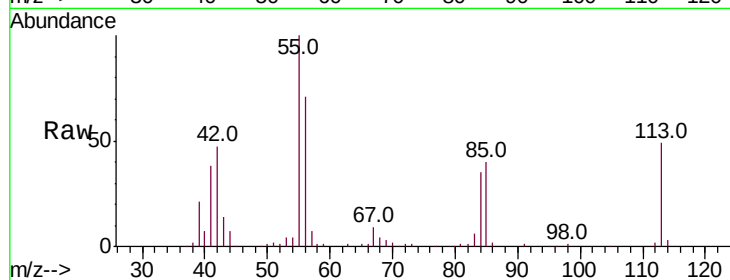
Tot Ion:113 Resp: 66584

Ion Ratio Lower Upper

113 100

55 204.7 176.6 216.6

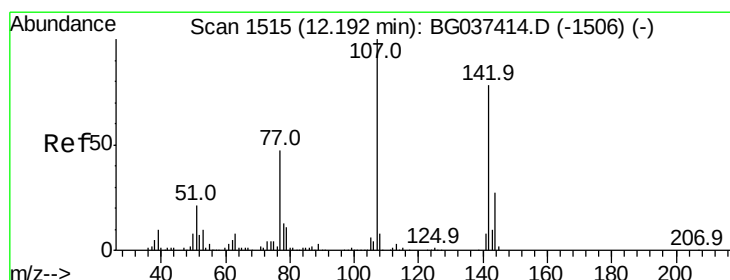
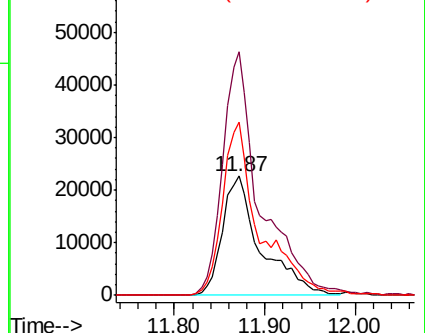
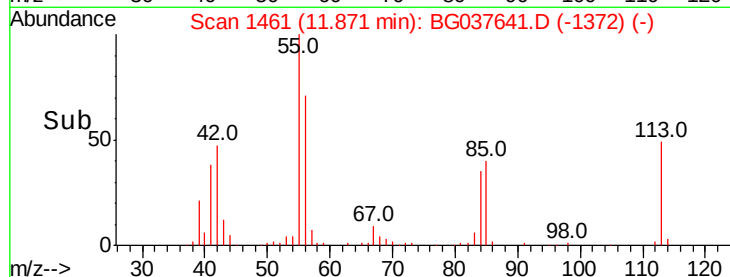
56 145.5 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.170 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

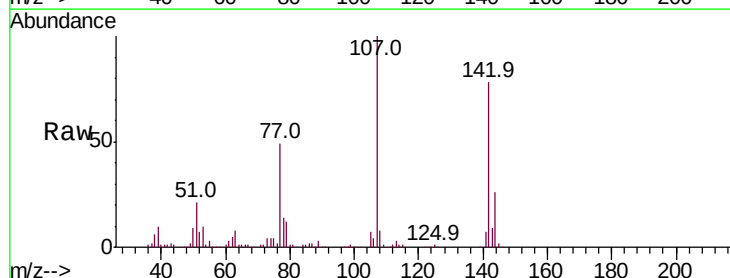
Tgt Ion:107 Resp: 195155

Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

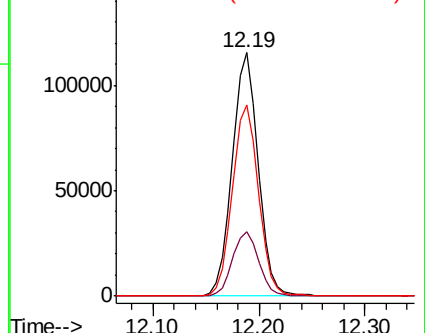
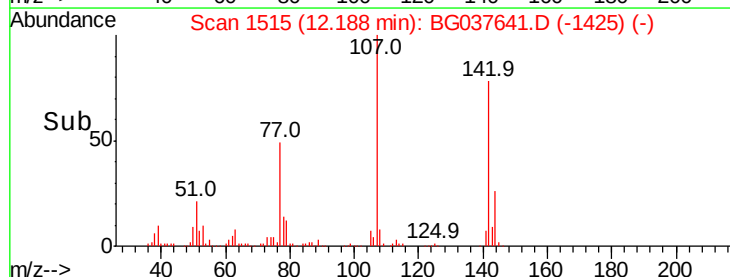
142 78.3 64.4 96.6

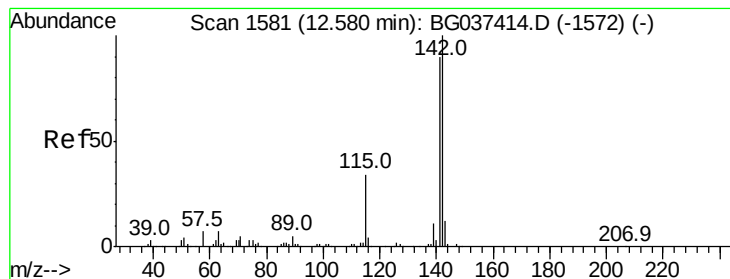


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.082 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

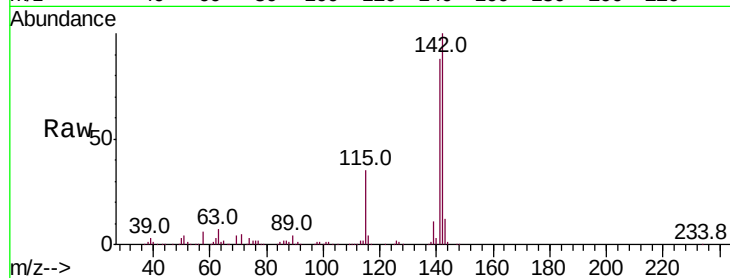
Tot Ion:142 Resp: 381133

Ion Ratio Lower Upper

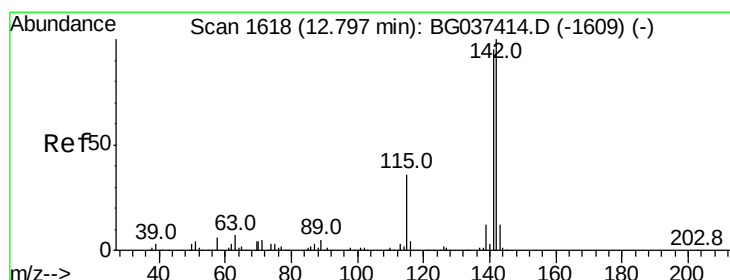
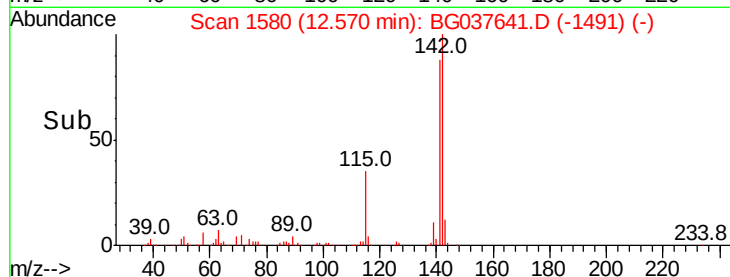
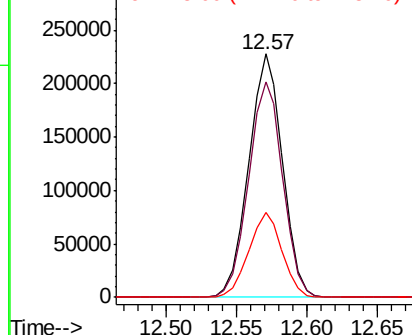
142 100

141 88.3 71.9 107.9

115 34.7 27.8 41.8



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



#38

1-Methylnaphthalene

Concen: 42.103 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

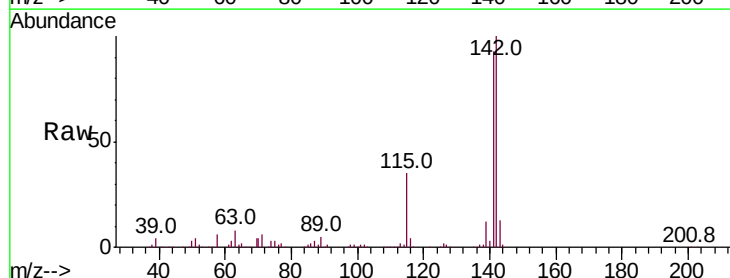
Tgt Ion:142 Resp: 361724

Ion Ratio Lower Upper

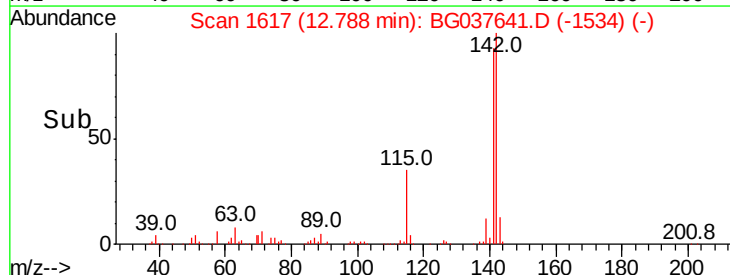
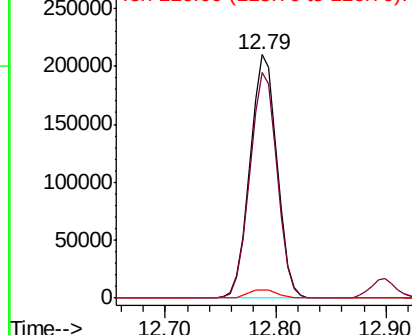
142 100

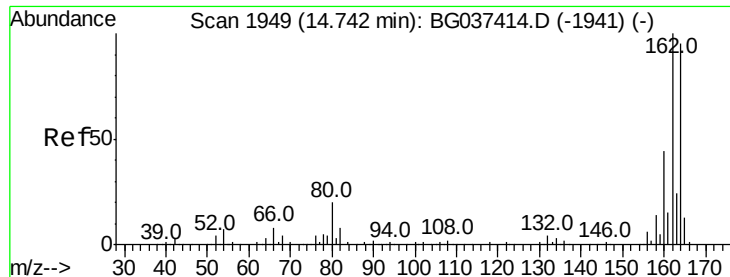
141 92.7 75.2 112.8

116 3.6 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

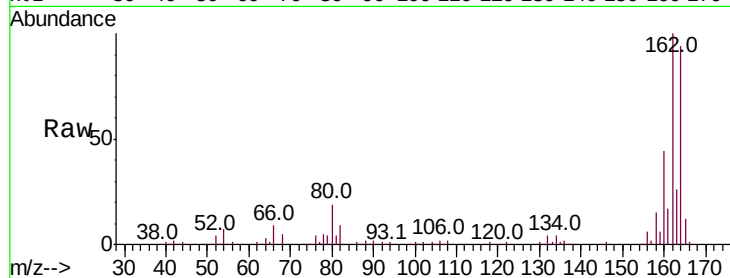
Tot Ion:164 Resp: 164106

Ion Ratio Lower Upper

164 100

162 106.5 81.3 121.9

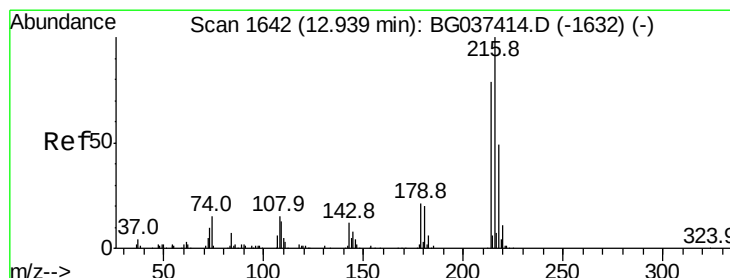
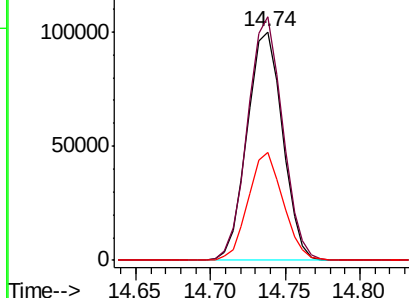
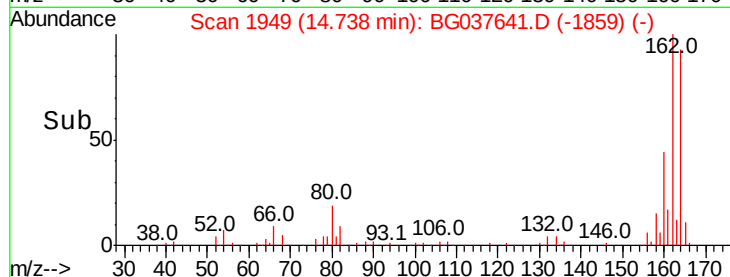
160 47.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.397 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Tgt Ion:216 Resp: 192660

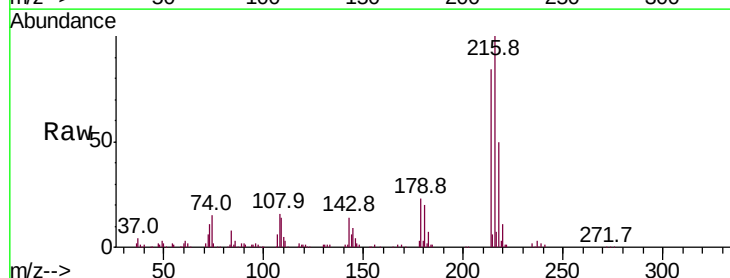
Ion Ratio Lower Upper

216 100

214 80.7 63.8 95.6

179 21.5 17.4 26.0

108 19.5 13.9 20.9

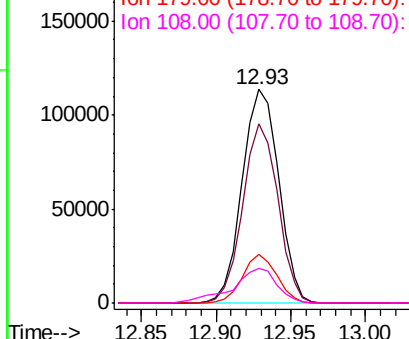
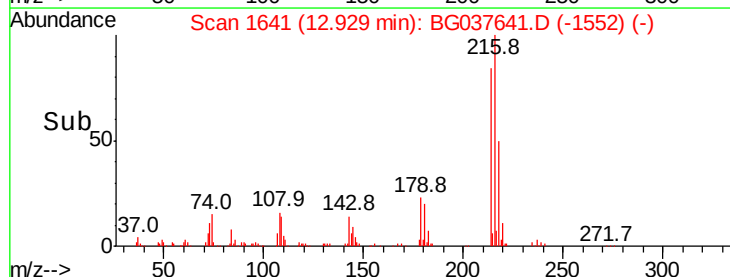


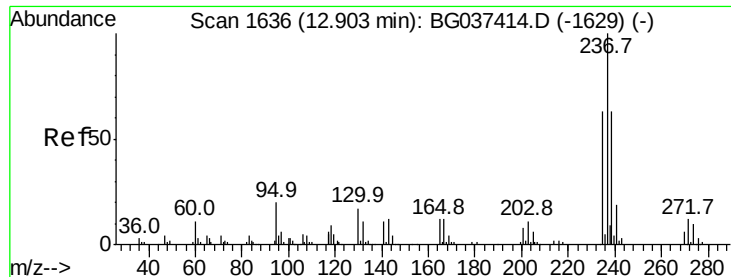
Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.693 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

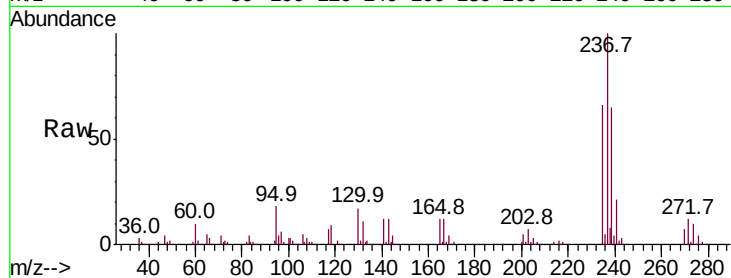
Tot Ion:237 Resp: 234371

Ion Ratio Lower Upper

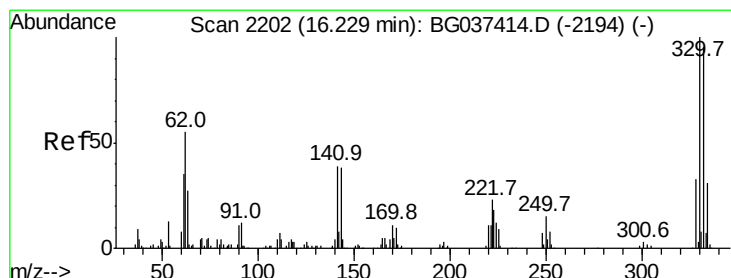
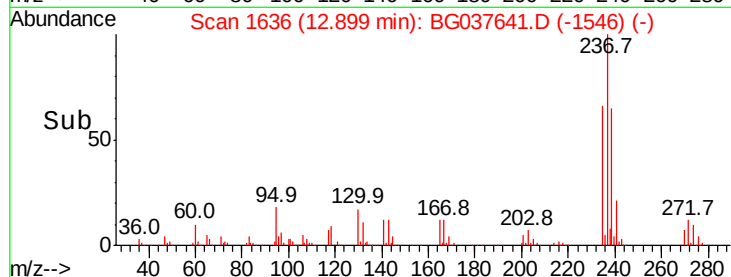
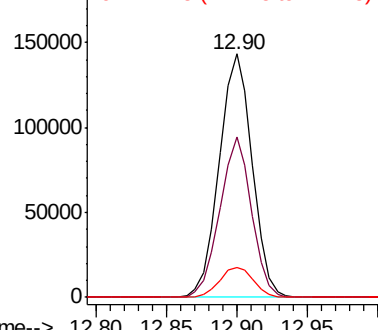
237 100

235 65.7 42.5 82.5

272 12.3 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: 128.661 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

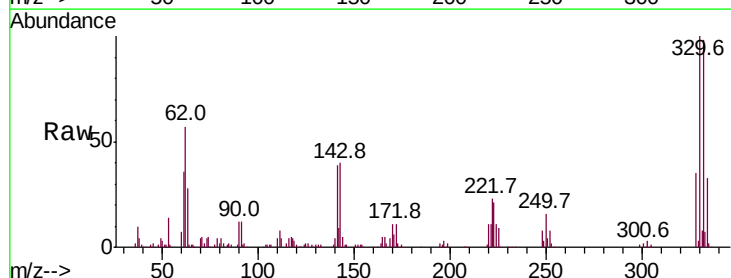
Tgt Ion:330 Resp: 230289

Ion Ratio Lower Upper

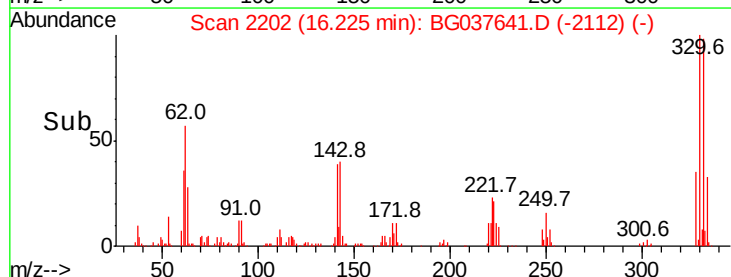
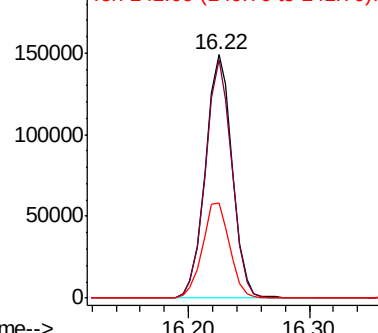
330 100

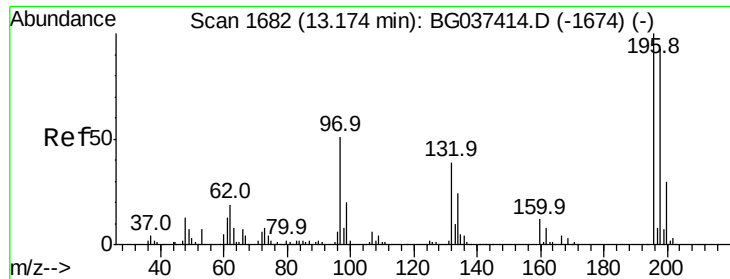
332 97.0 78.4 117.6

141 39.7 32.2 48.2



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

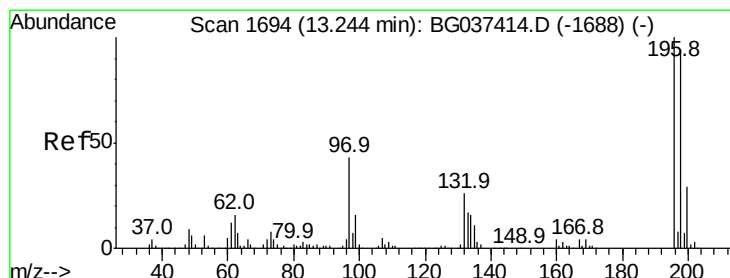
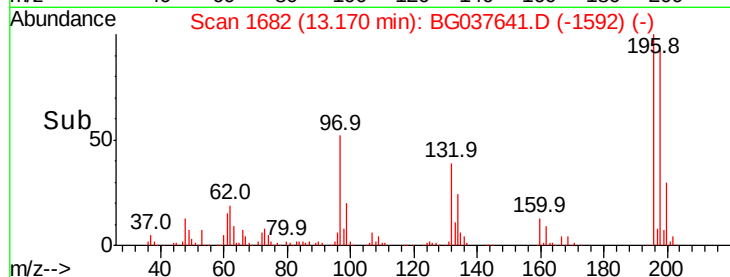
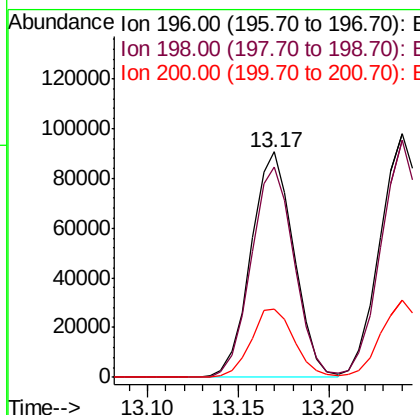
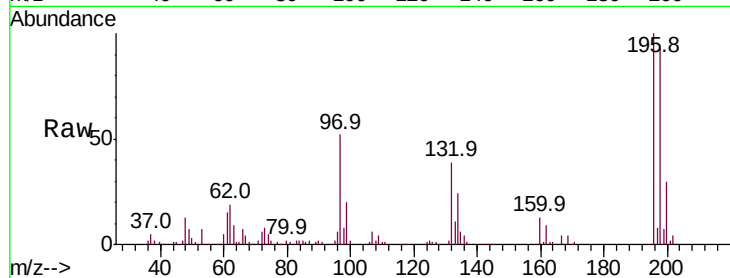




#43
 2,4,6-Trichlorophenol
 Concen: 42.024 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

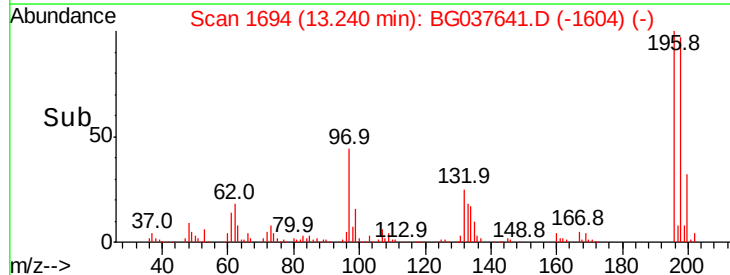
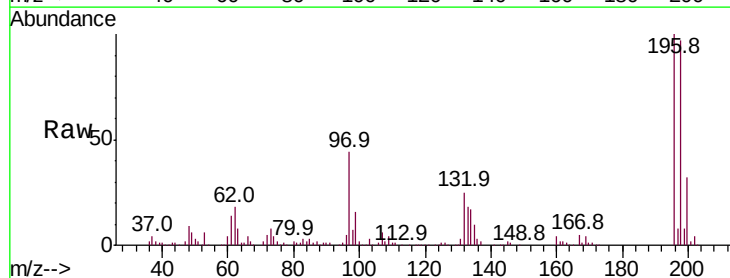
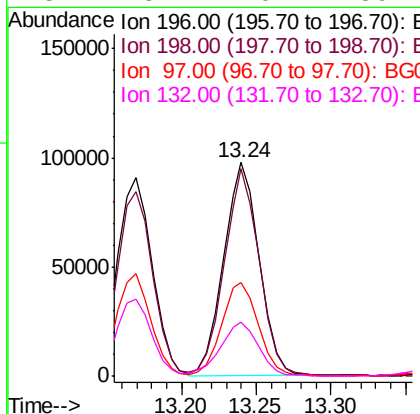
Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

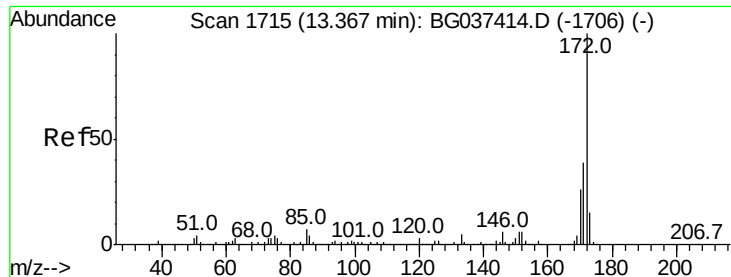
Tot Ion	196	Resp	148612
Ion Ratio	Lower	Upper	
196	100		
198	93.3	76.4	114.6
200	30.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.115 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion	196	Resp	162155
Ion Ratio	Lower	Upper	
196	100		
198	97.3	74.2	111.2
97	44.0	34.1	51.1
132	25.4	20.2	30.4

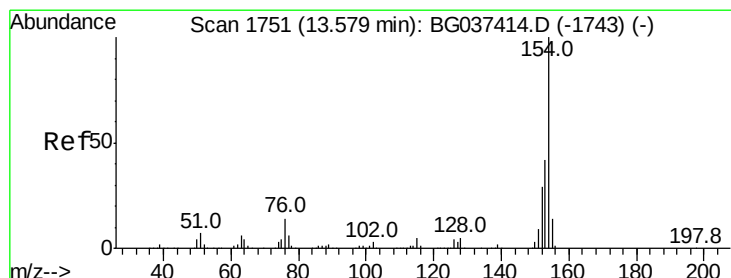
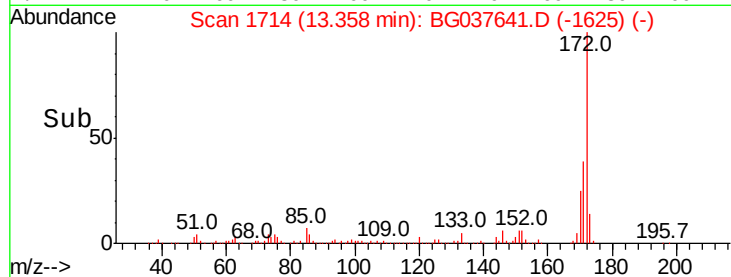
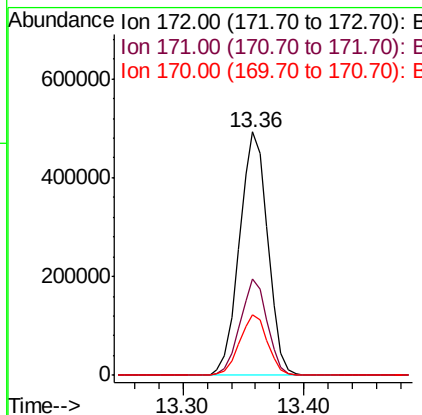
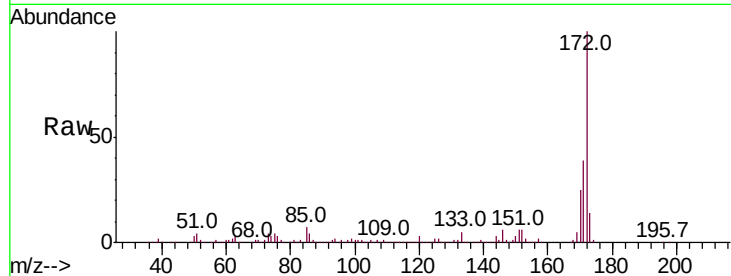




#45
2-Fluorobiphenyl
Concen: 73.740 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

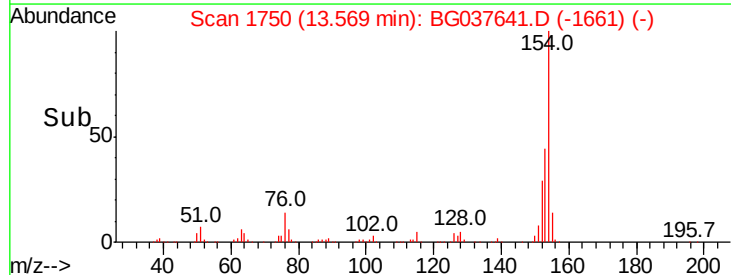
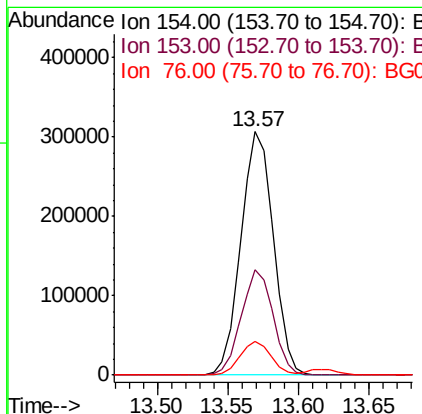
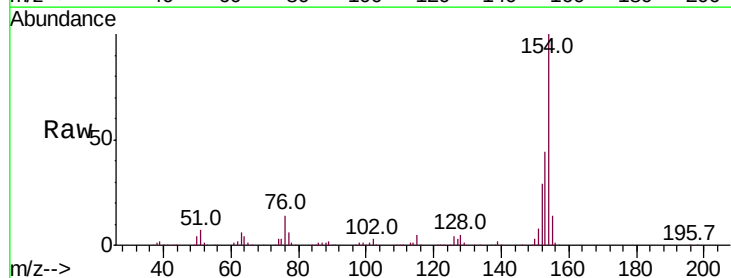
Instrument :
BNA_G
ClientSampleId :
PB114209BS

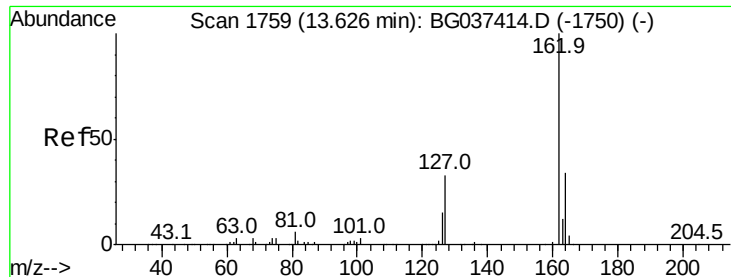
Tot Ion:172 Resp: 802498
Ion Ratio Lower Upper
172 100
171 39.4 31.0 46.4
170 24.9 20.2 30.2



#46
1,1'-Biphenyl
Concen: 36.370 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion:154 Resp: 494302
Ion Ratio Lower Upper
154 100
153 43.5 22.1 62.1
76 13.9 0.0 33.2

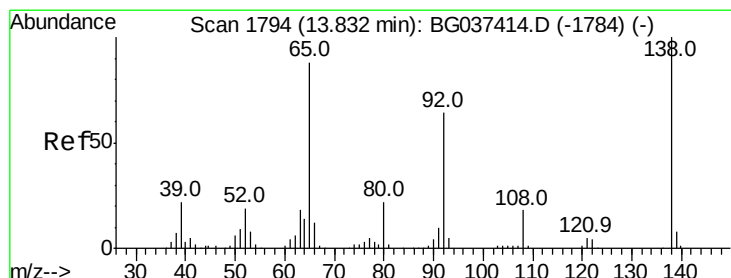
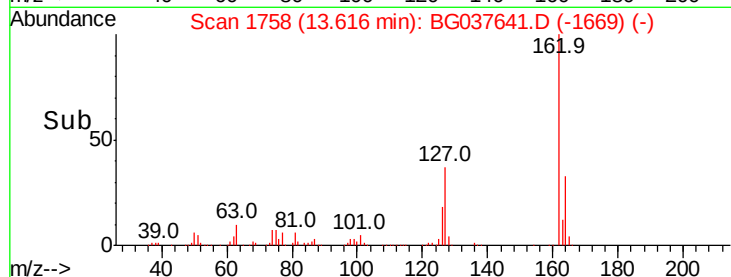
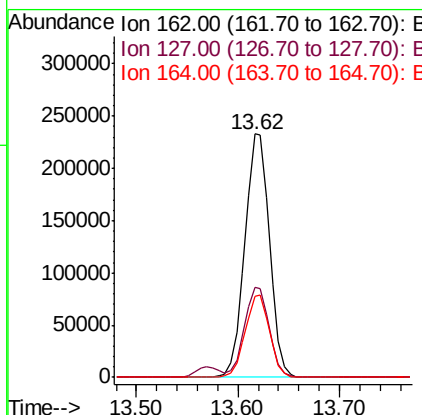
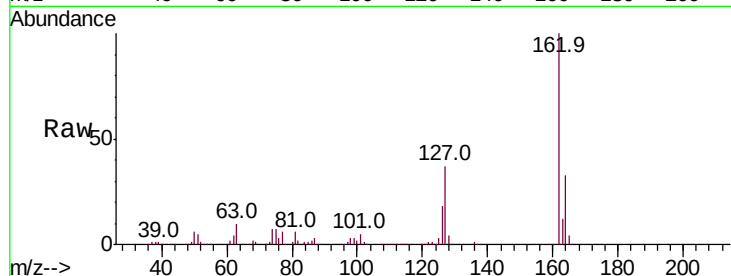




#47
2-Chloronaphthalene
Concen: 38.077 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

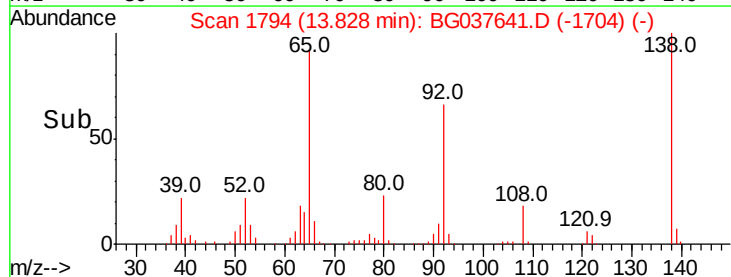
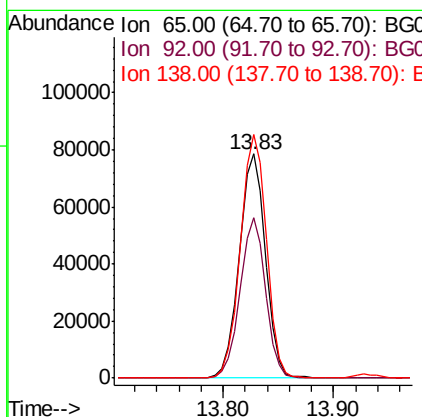
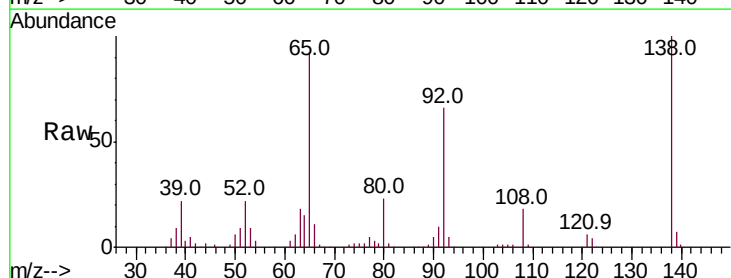
Instrument :
BNA_G
ClientSampleId :
PB114209BS

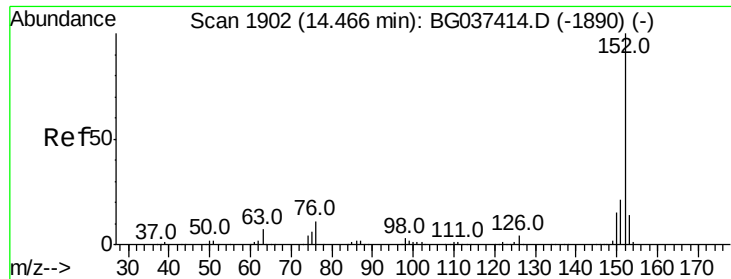
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.5	45.7
164	33.4	26.4	39.6



#48
2-Nitroaniline
Concen: 42.239 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	53.2	79.8
138	108.7	79.3	118.9





#49

Acenaphthylene

Concen: 42.442 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

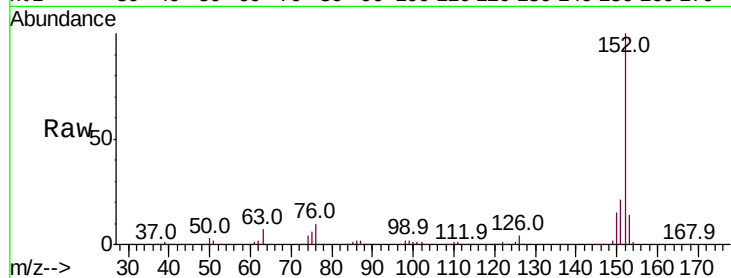
Tot Ion:152 Resp: 656445

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

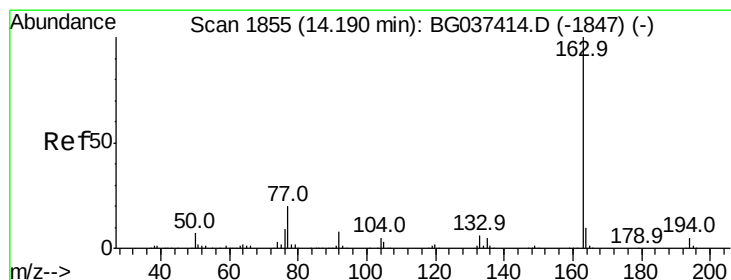
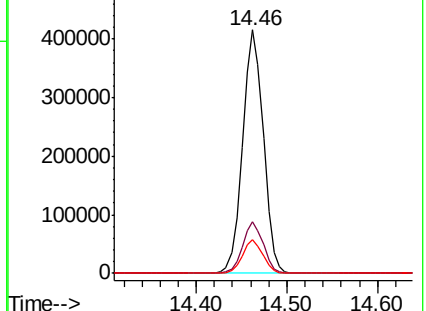
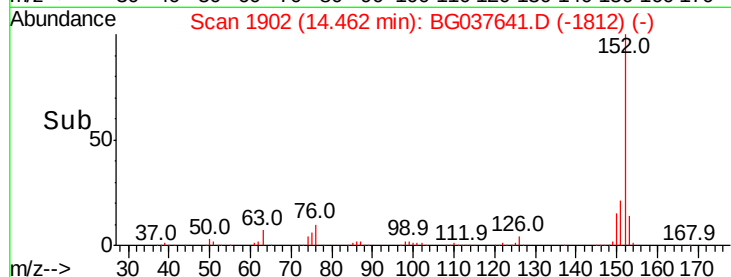
153 13.6 11.1 16.7



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: 40.117 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

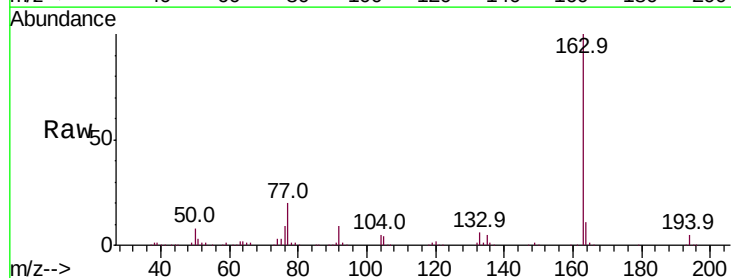
Tgt Ion:163 Resp: 509304

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

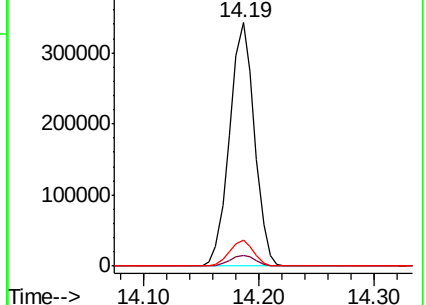
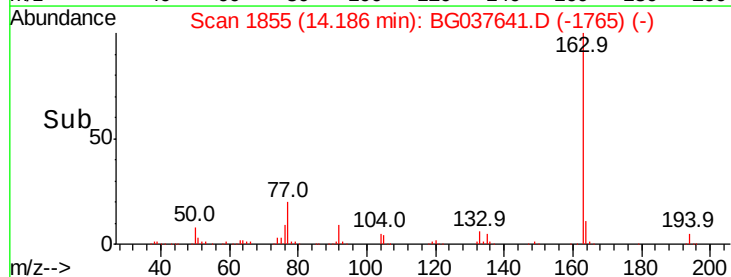
164 10.8 8.5 12.7

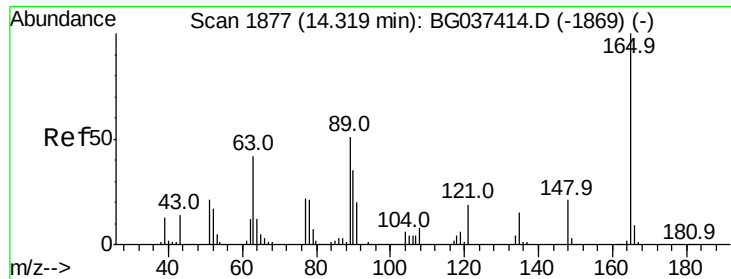


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

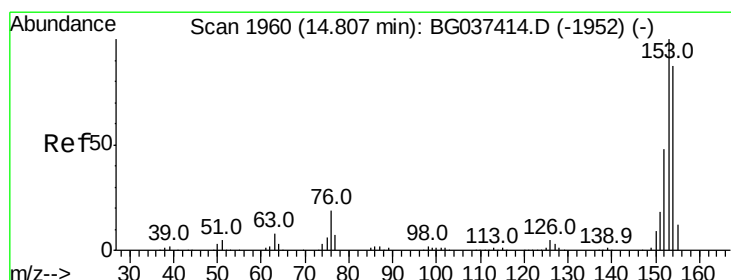
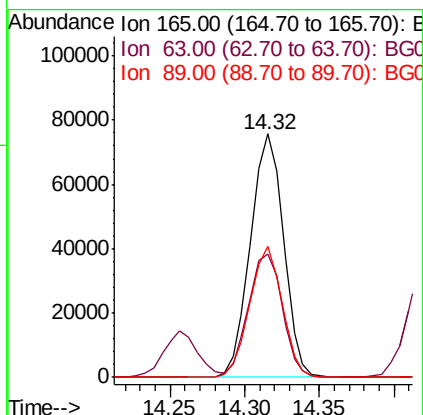
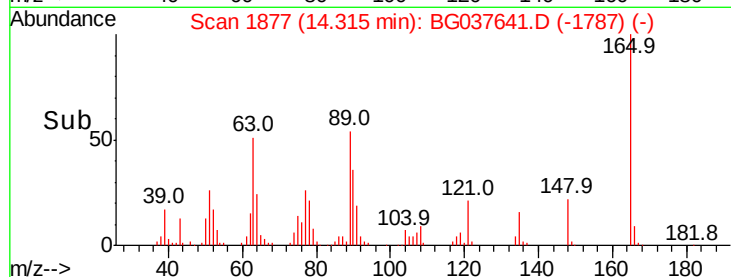
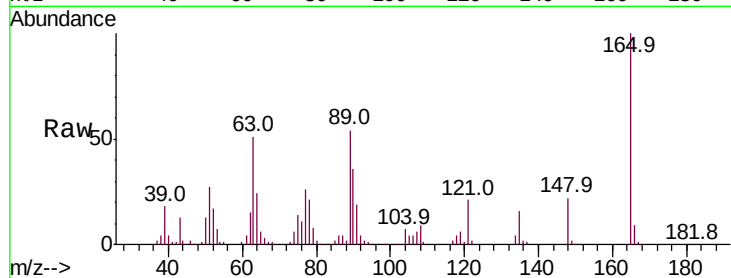




#51
 2,6-Dinitrotoluene
 Concen: 41.347 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

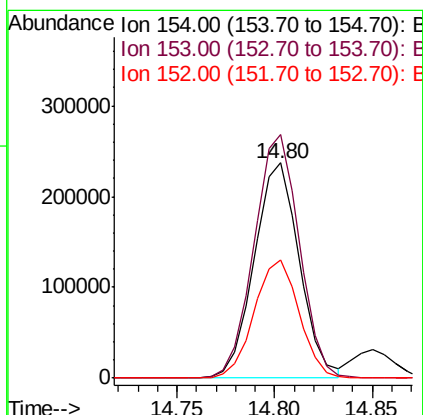
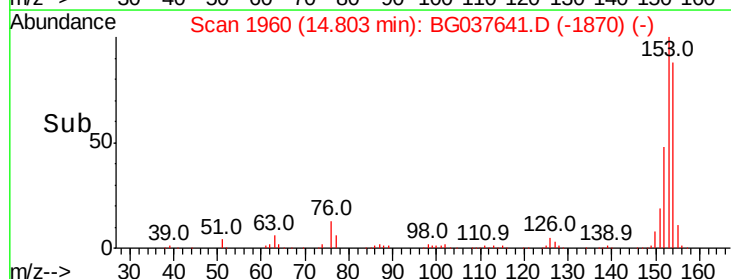
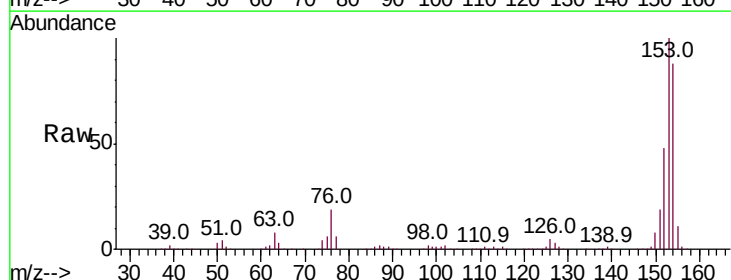
Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

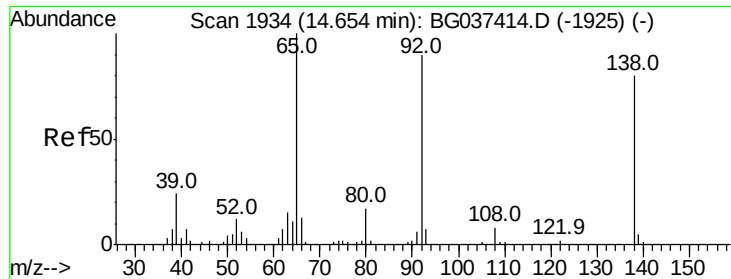
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	43.4	65.2
89	54.0	45.8	68.6



#52
 Acenaphthene
 Concen: 39.785 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	93.4	140.0
152	54.7	44.7	67.1

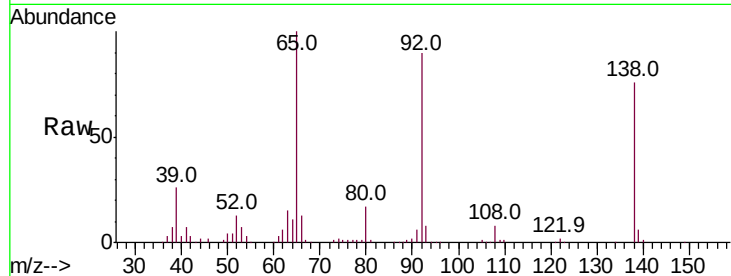




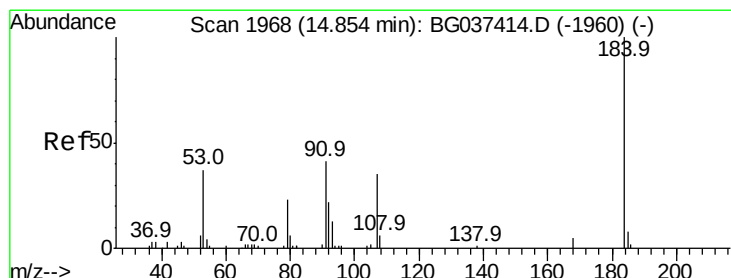
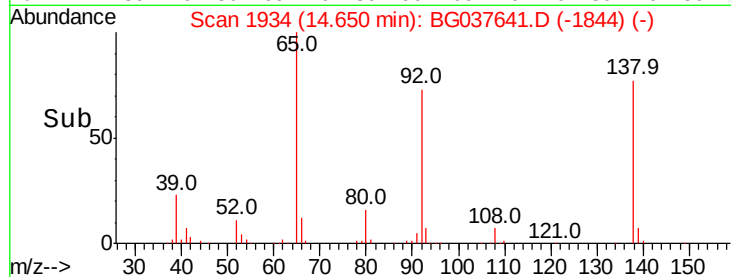
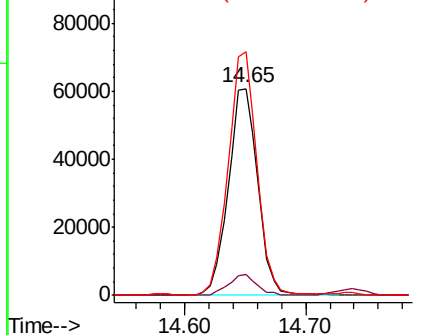
#53
 3-Nitroaniline
 Concen: 33.041 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

Tot Ion:138 Resp: 103016
 Ion Ratio Lower Upper
 138 100
 108 10.3 11.0 16.6#
 92 117.8 95.2 142.8

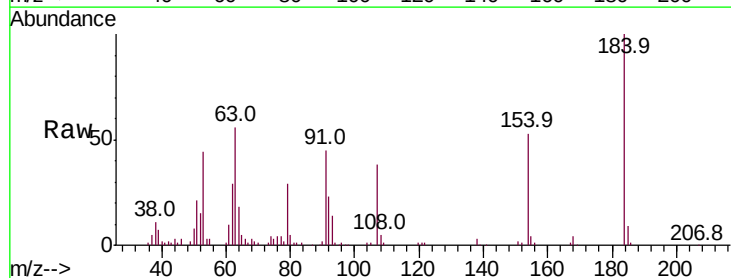


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

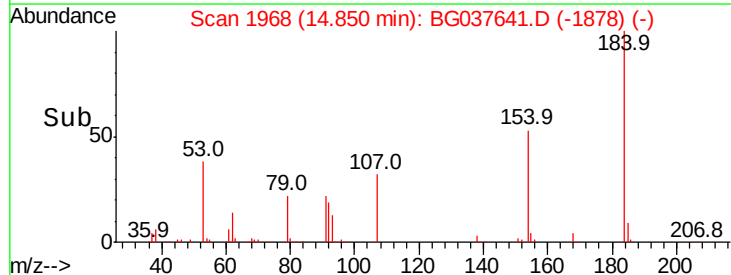
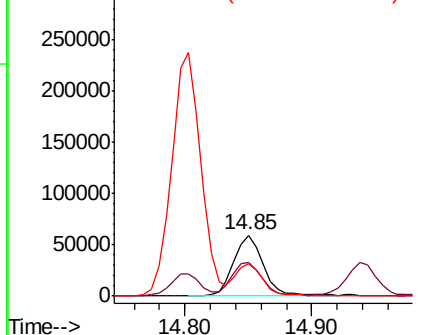


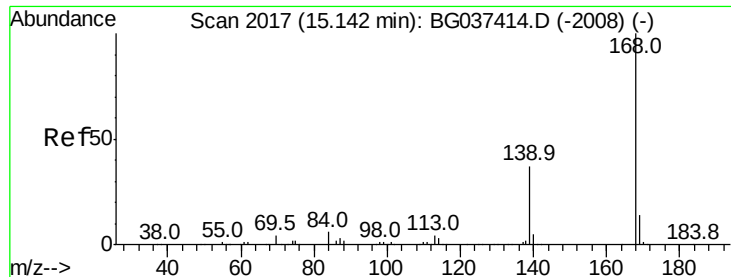
#54
 2,4-Dinitrophenol
 Concen: 78.382 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion:184 Resp: 96403
 Ion Ratio Lower Upper
 184 100
 63 55.8 42.6 63.8
 154 53.3 41.8 62.6



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

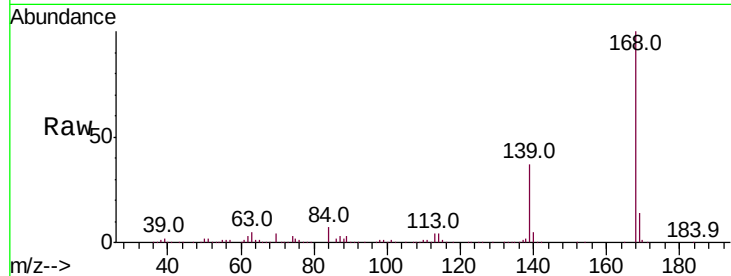




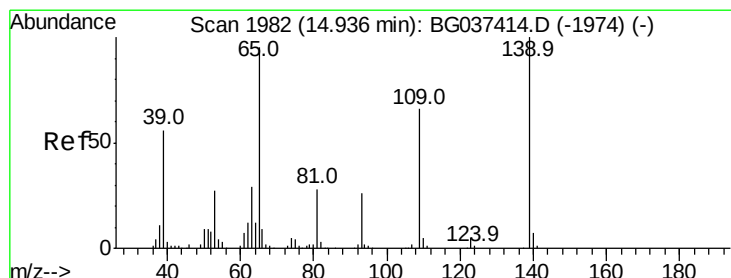
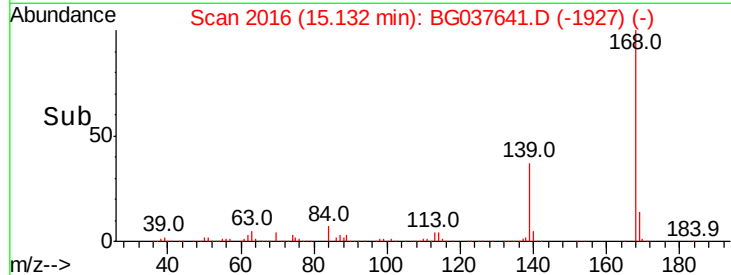
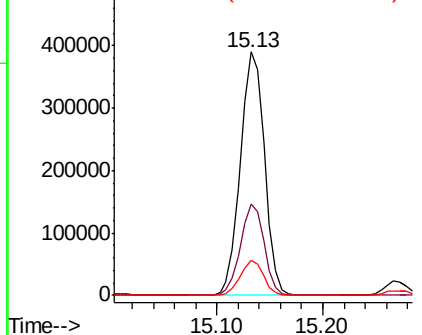
#55
Dibenzofuran
Concen: 38.983 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Instrument :
BNA_G
ClientSampleId :
PB114209BS

Tot Ion:168 Resp: 615246
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 14.2 11.0 16.6

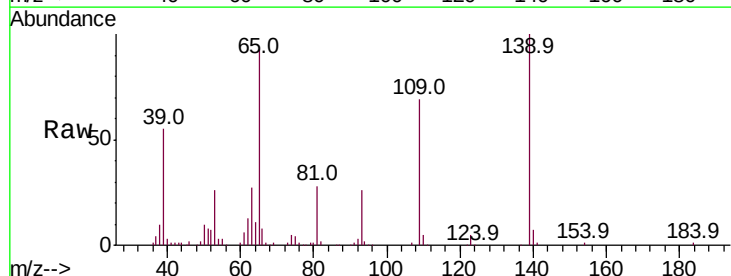


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

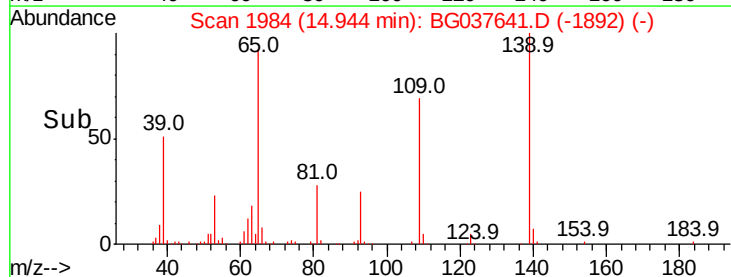
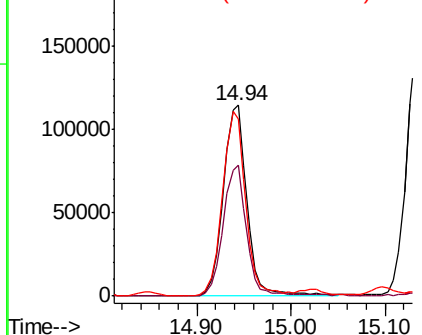


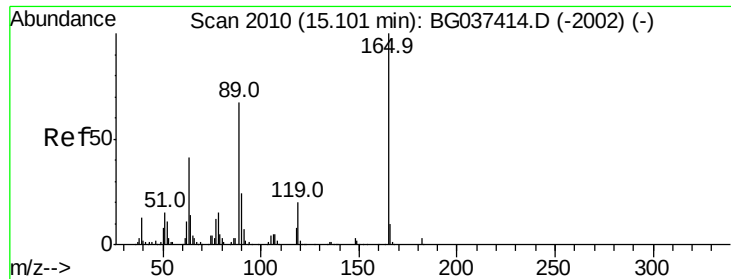
#56
4-Nitrophenol
Concen: 87.503 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion:139 Resp: 201942
Ion Ratio Lower Upper
139 100
109 68.6 49.5 89.5
65 92.9 76.8 116.8



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

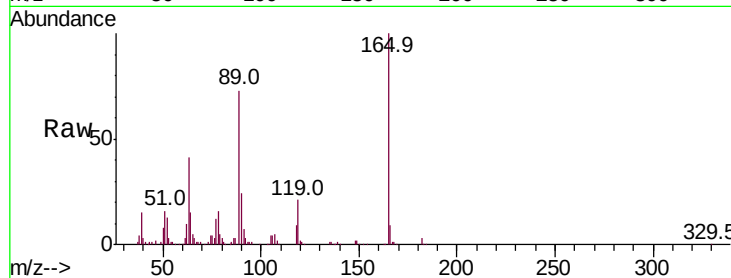




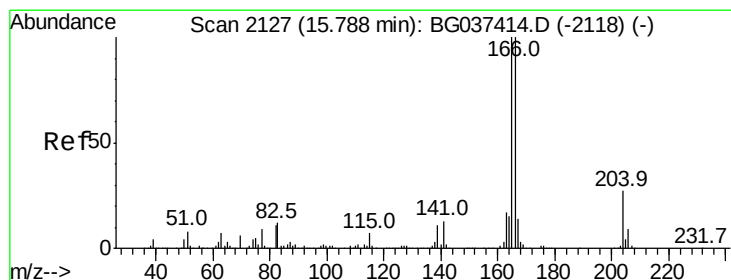
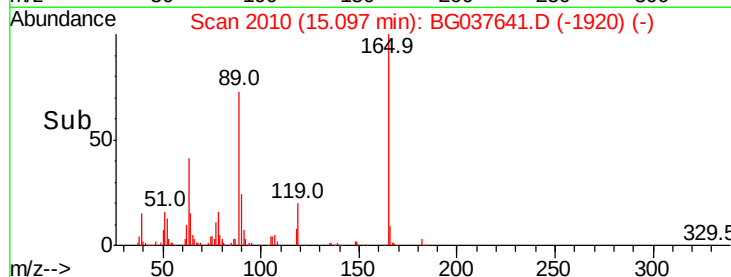
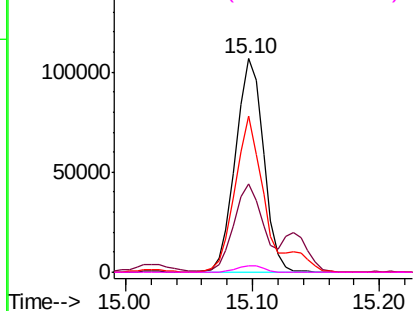
#57
2,4-Dinitrotoluene
Concen: 44.340 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Instrument :
BNA_G
ClientSampleId :
PB114209BS

Tot Ion:165 Resp: 163466
Ion Ratio Lower Upper
165 100
63 41.1 33.4 50.0
89 72.8 57.2 85.8
182 3.3 2.6 4.0

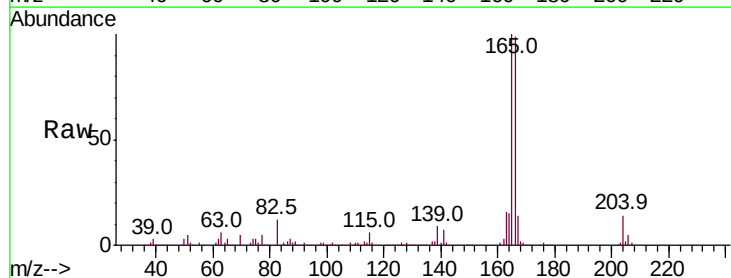


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

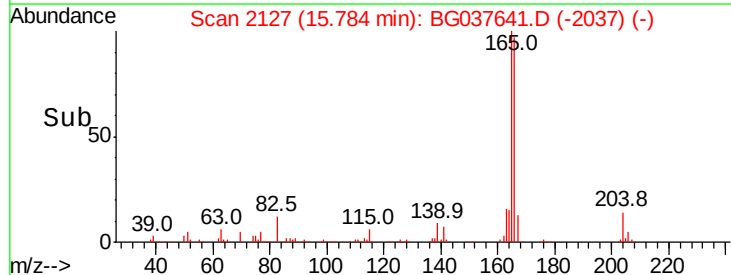
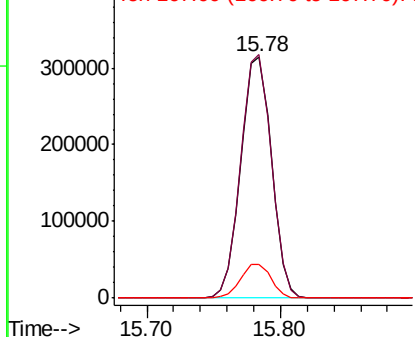


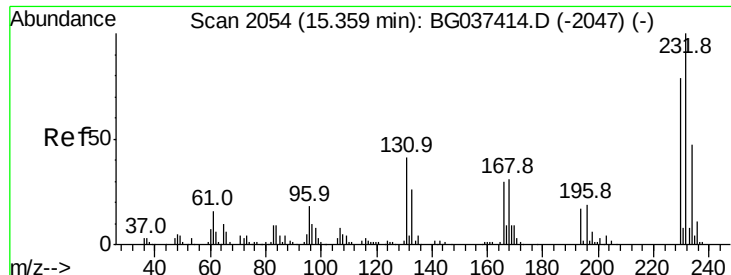
#58
Fluorene
Concen: 42.288 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion:166 Resp: 499781
Ion Ratio Lower Upper
166 100
165 100.9 79.0 118.6
167 14.1 11.3 16.9



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.434 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

Tot Ion:232 Resp: 143187

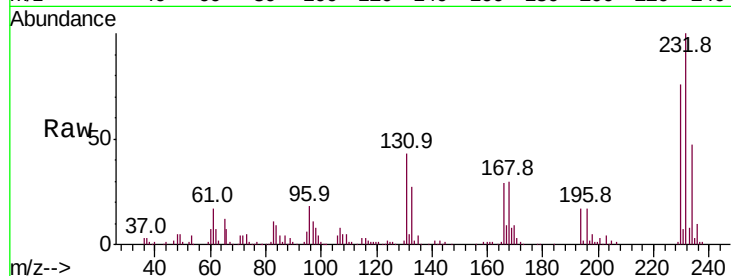
Ion Ratio Lower Upper

232 100

131 43.7 33.7 50.5

130 2.4 2.1 3.1

166 31.2 24.6 36.8

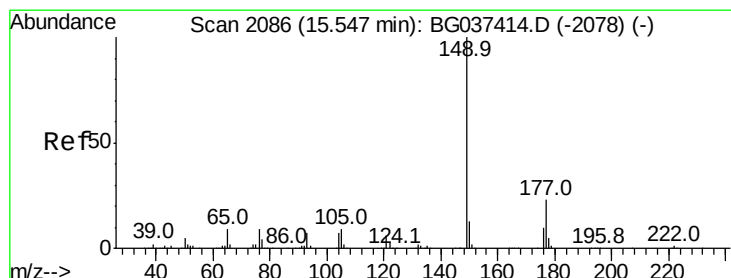
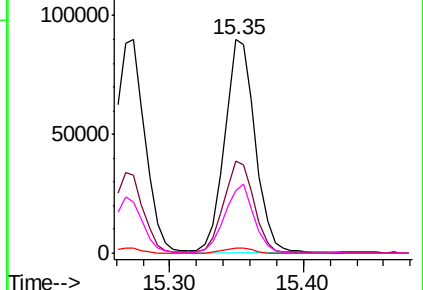
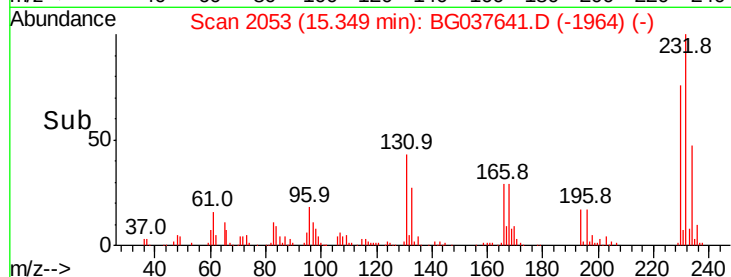


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.923 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

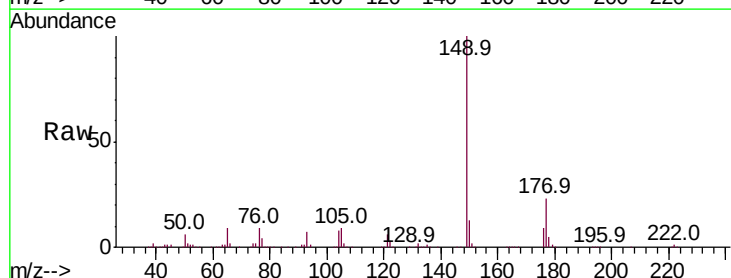
Tgt Ion:149 Resp: 533382

Ion Ratio Lower Upper

149 100

177 22.7 18.3 27.5

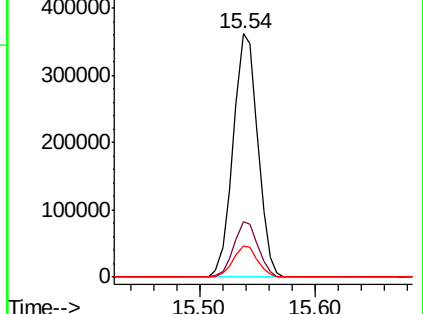
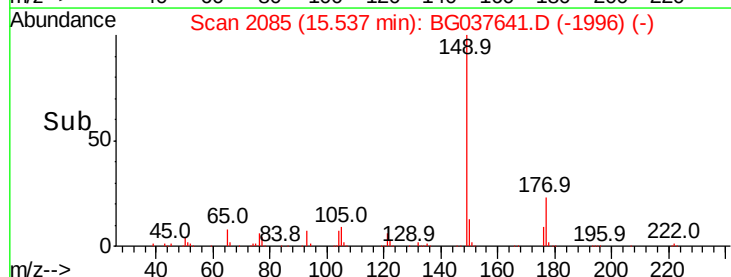
150 13.0 10.0 15.0

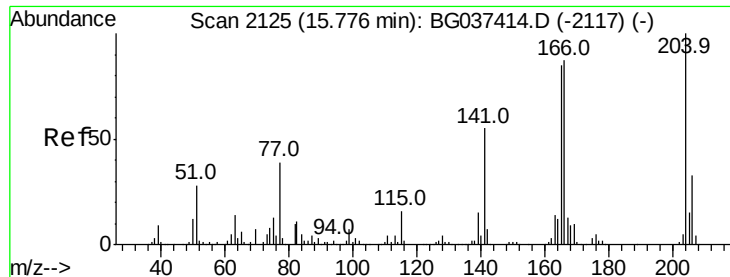


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

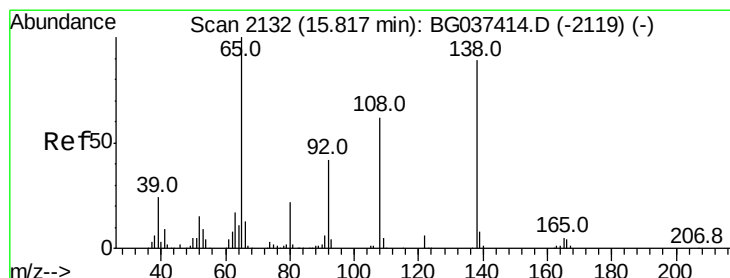
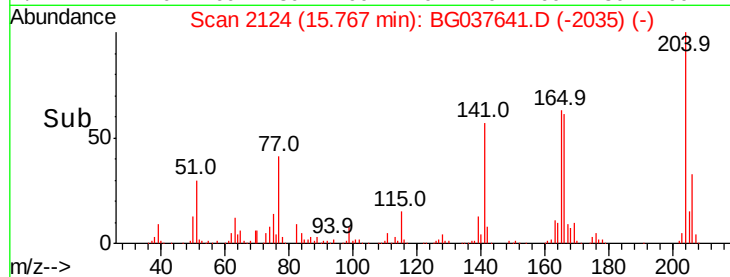
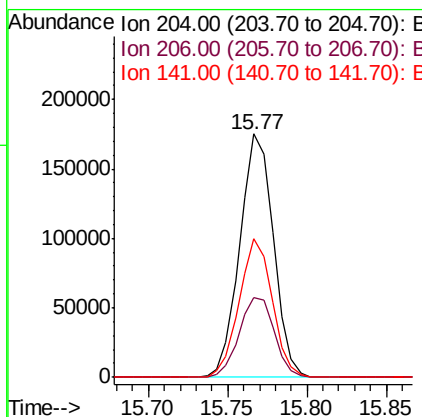
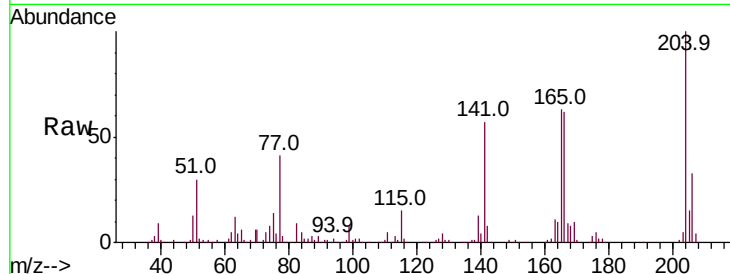




#61
 4-Chlorophenyl-phenylether
 Concen: 37.584 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

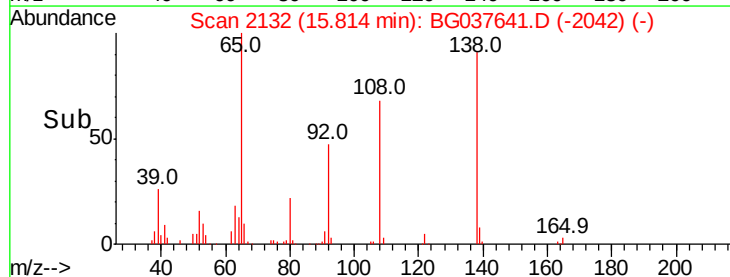
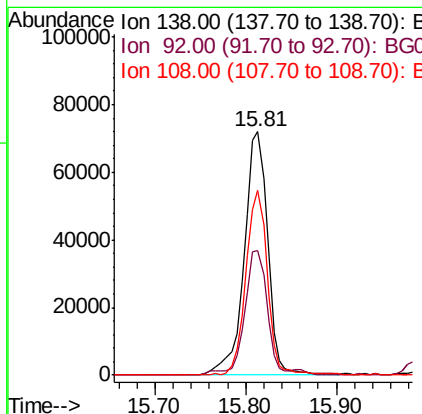
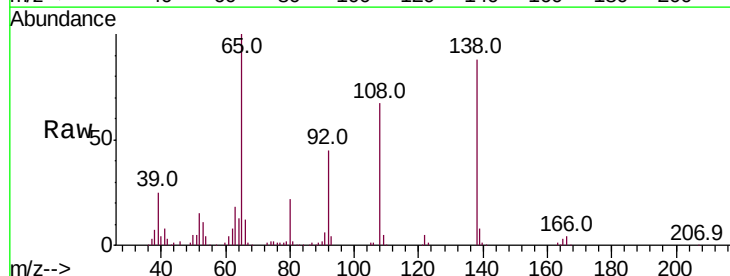
Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

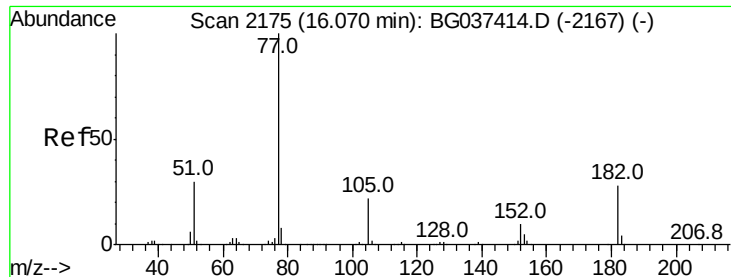
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	56.8	45.4	68.2



#62
 4-Nitroaniline
 Concen: 41.745 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	36.4	76.4
108	75.8	60.1	100.1





#63

Azobenzene

Concen: 40.483 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

Tot Ion: 77 Resp: 503443

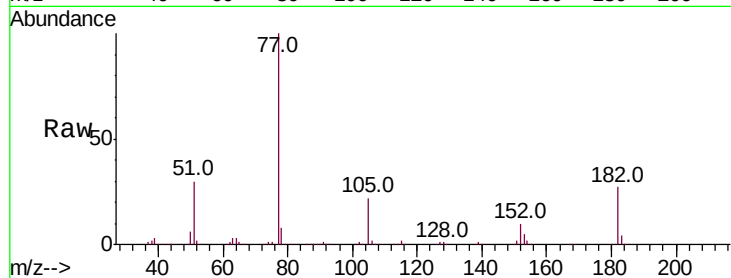
Ion	Ratio	Lower	Upper
77	100		
182	27.4	8.0	48.0
105	21.7	1.3	41.3
51	29.8	10.7	50.7

77 100

182 27.4 8.0 48.0

105 21.7 1.3 41.3

51 29.8 10.7 50.7

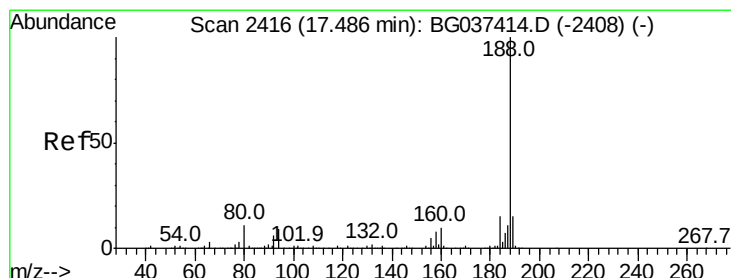
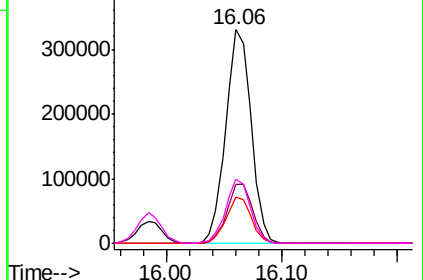
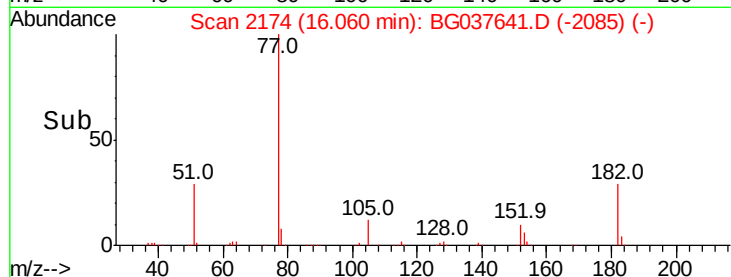


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG037641.D

Acq: 30 Oct 2018 2:58

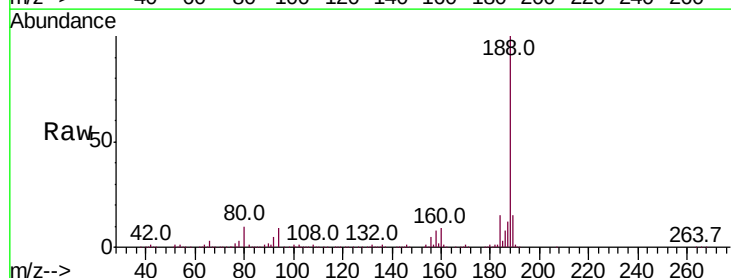
Tgt Ion: 188 Resp: 402234

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.1	7.7	11.5

188 100

94 9.2 7.2 10.8

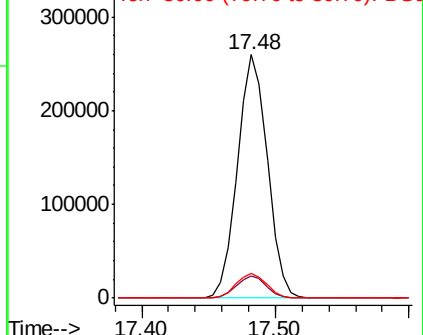
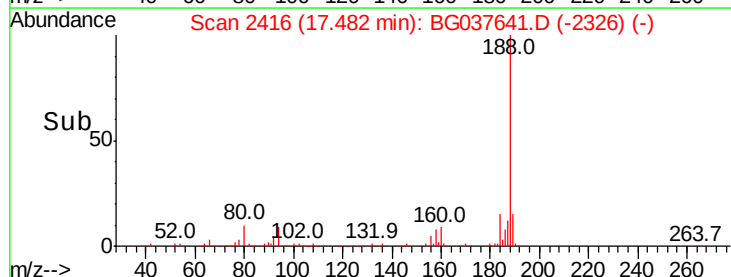
80 10.1 7.7 11.5

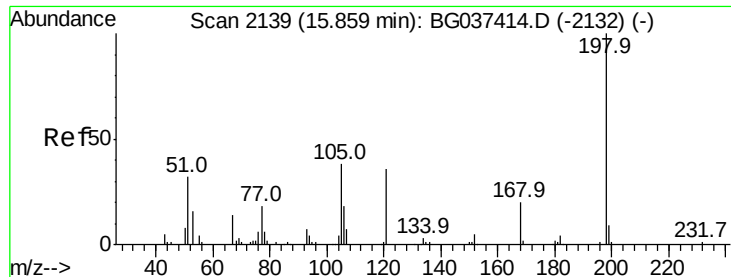


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

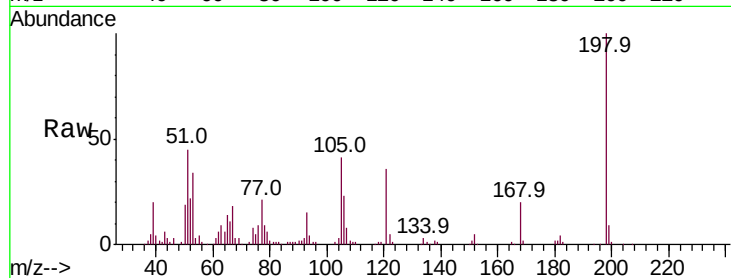




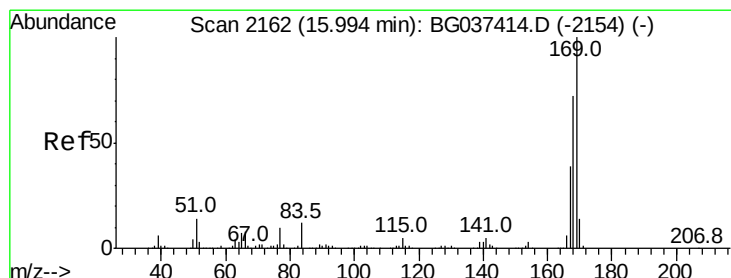
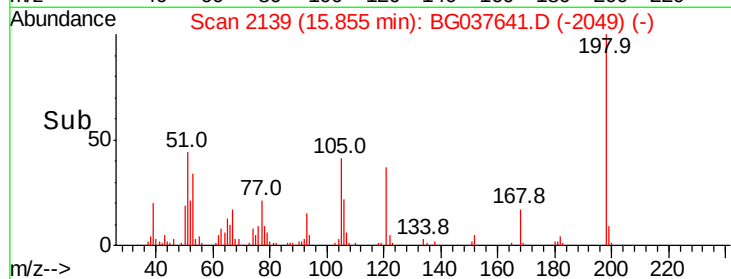
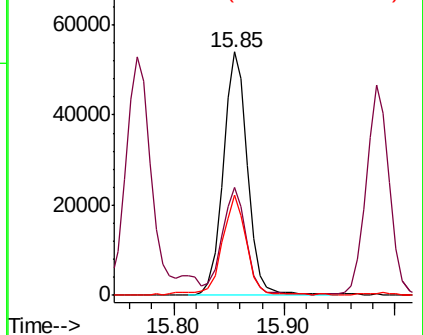
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.016 ng
 RT: 15.85 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.5	22.7	62.7
105	41.0	19.7	59.7

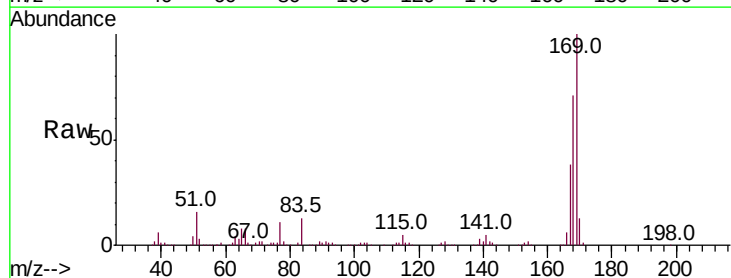


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

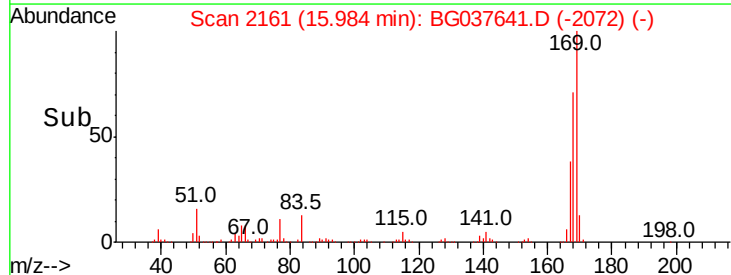
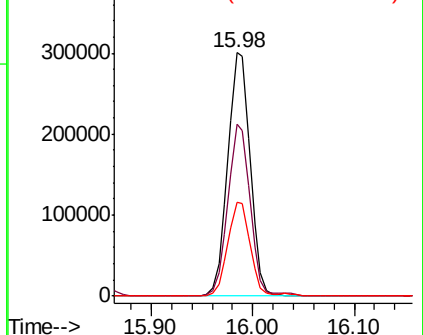


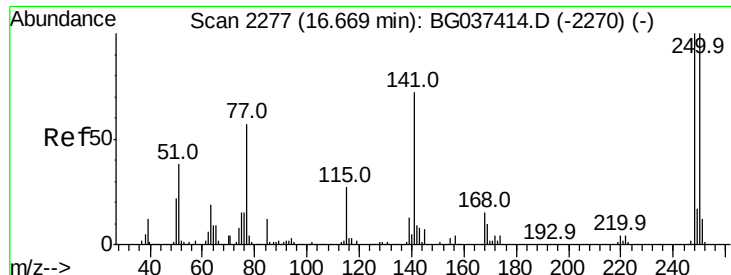
#66
 n-Nitrosodiphenylamine
 Concen: 38.093 ng
 RT: 15.98 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.7	83.5
167	38.4	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

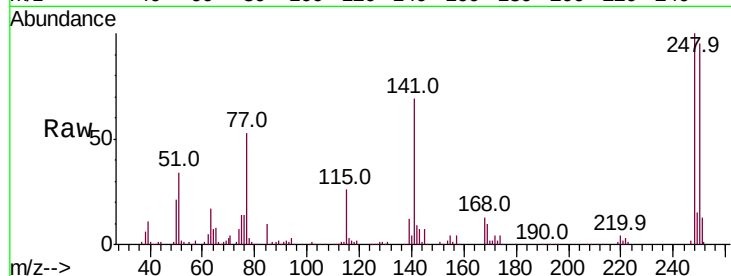




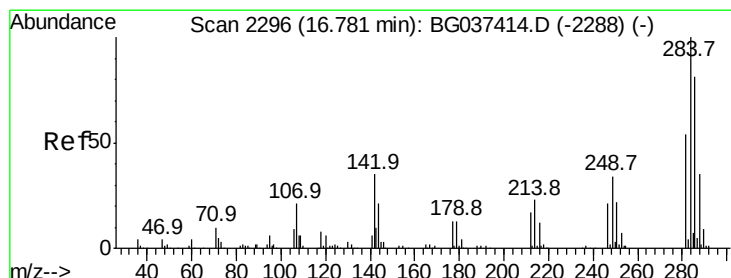
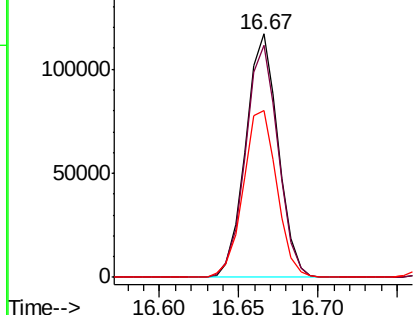
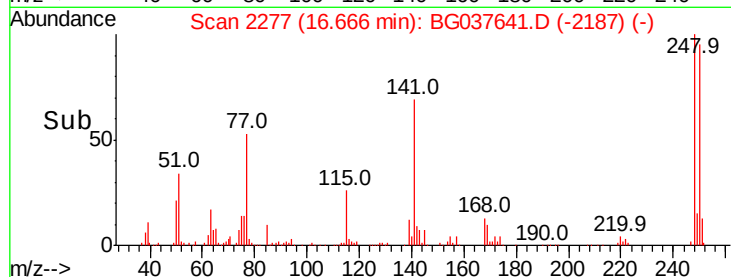
#67
 4-Bromophenyl-phenylether
 Concen: 37.719 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

Tot Ion:248 Resp: 166612
 Ion Ratio Lower Upper
 248 100
 250 95.4 77.0 115.6
 141 68.5 55.5 83.3

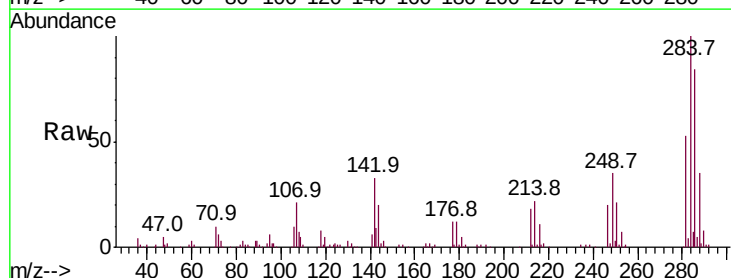


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

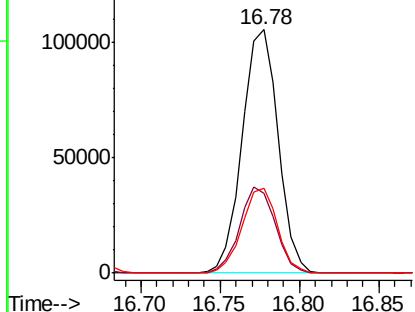
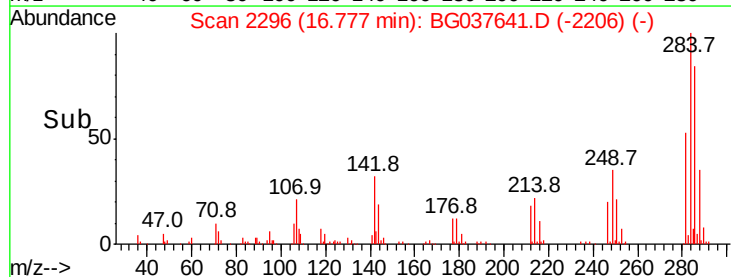


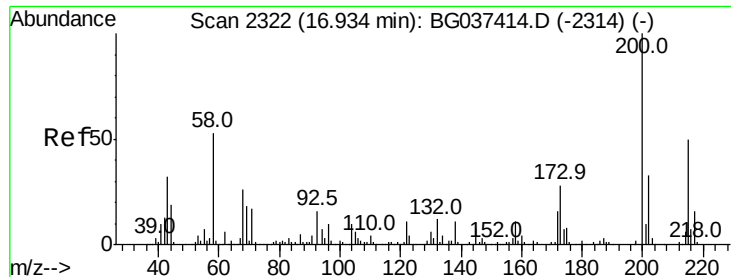
#68
 Hexachlorobenzene
 Concen: 36.374 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion:284 Resp: 166521
 Ion Ratio Lower Upper
 284 100
 142 33.0 28.1 42.1
 249 37.4 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

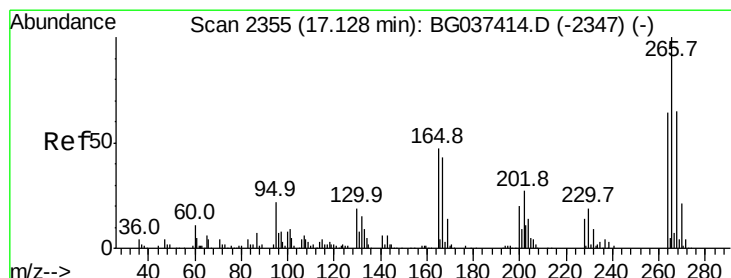
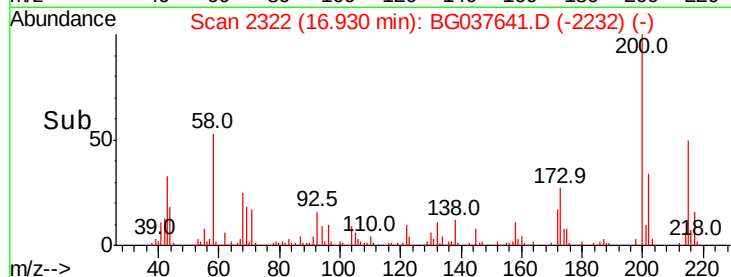
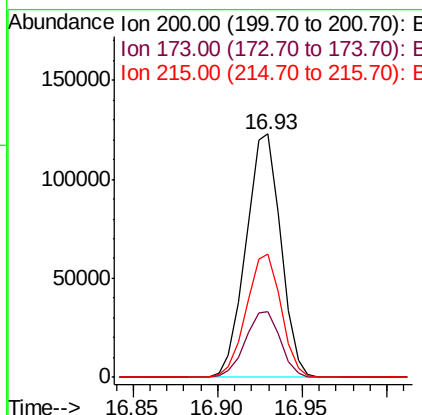
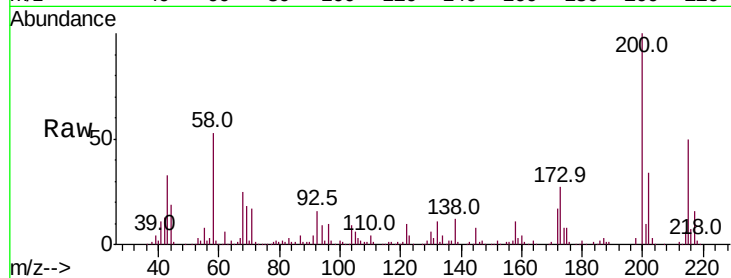




#69
 Atrazine
 Concen: 40.287 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

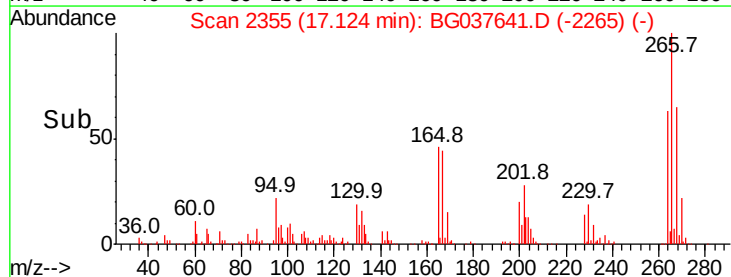
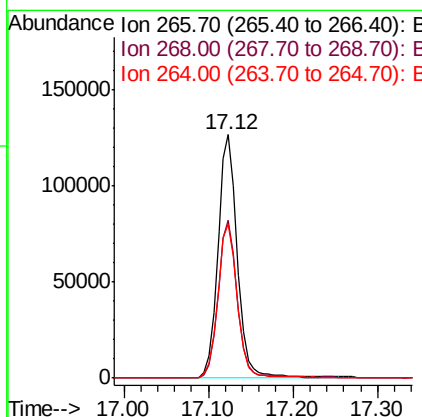
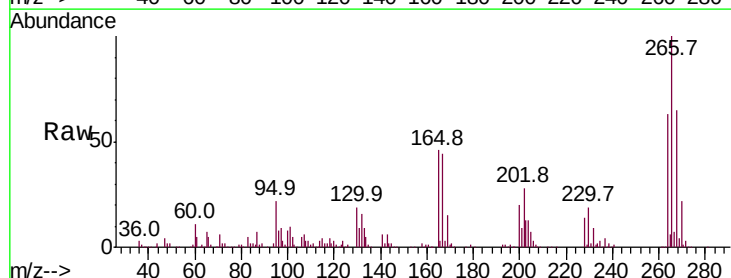
Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

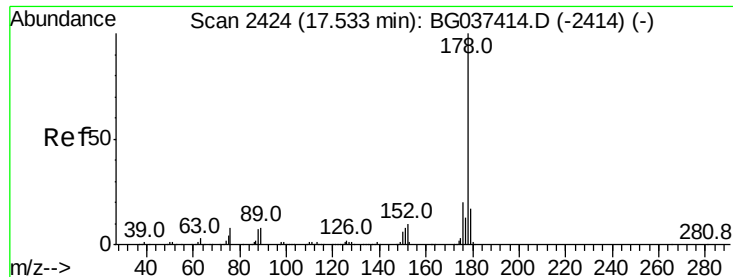
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.1	46.1
215	50.5	30.8	70.8



#70
 Pentachlorophenol
 Concen: 66.460 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.2	55.0	82.6
264	69.1	58.9	88.3





#71

Phenanthrene

Concen: 40.656 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

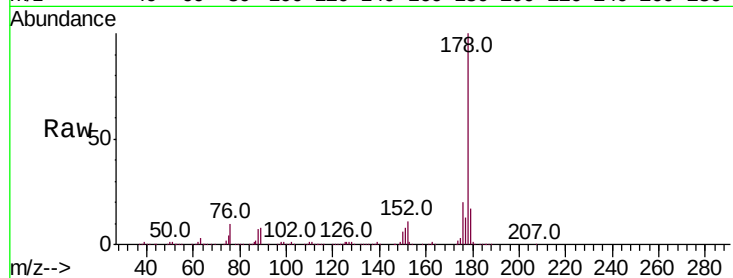
Tot Ion:178 Resp: 831125

Ion Ratio Lower Upper

178 100

176 20.3 16.1 24.1

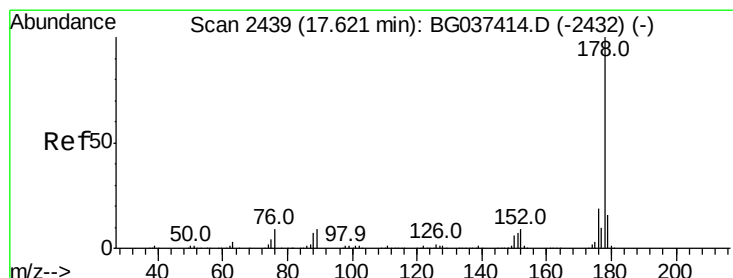
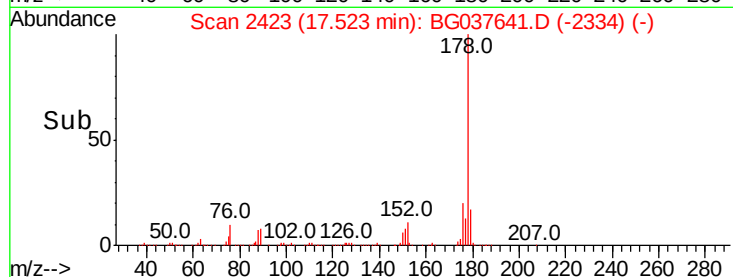
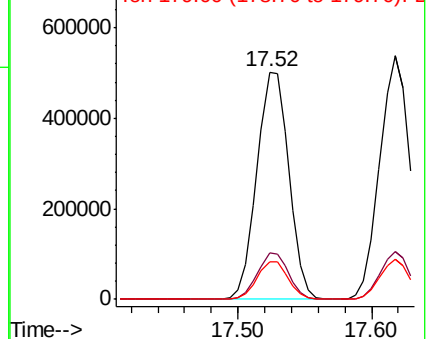
179 16.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.947 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

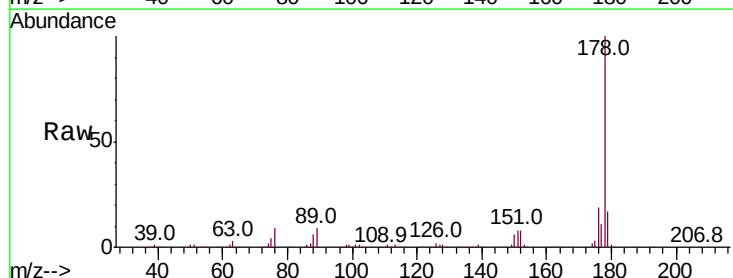
Tgt Ion:178 Resp: 841523

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

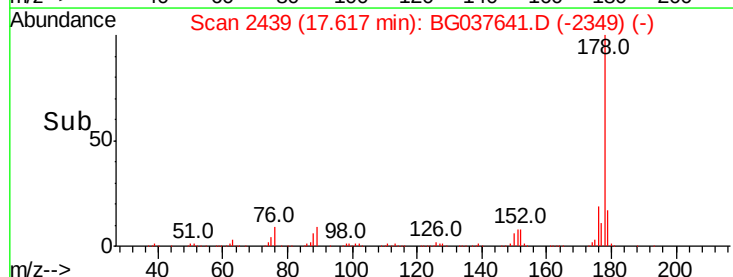
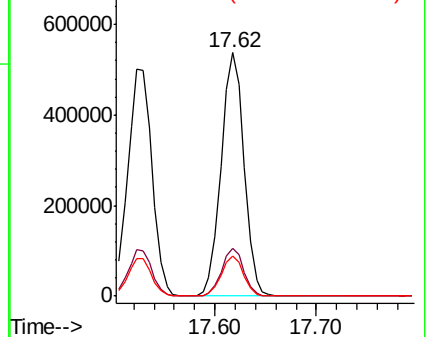
179 16.6 12.8 19.2

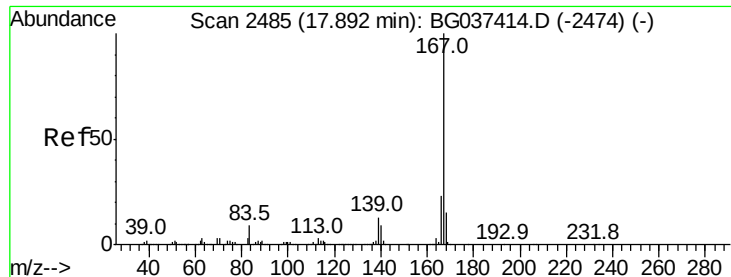


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

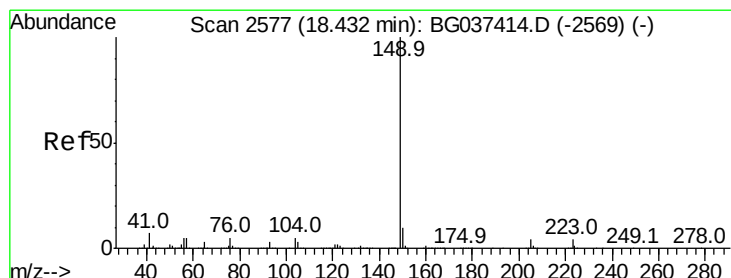
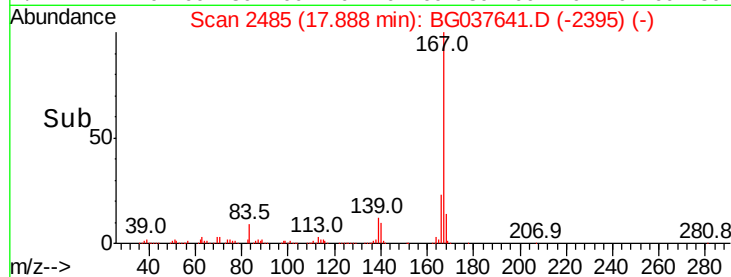
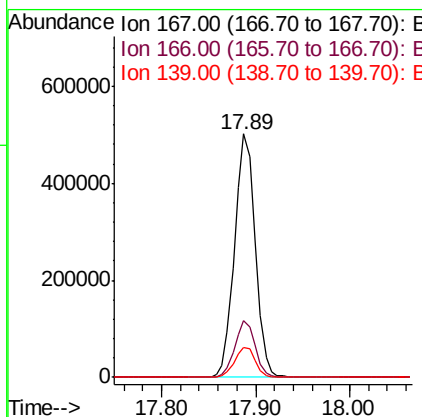
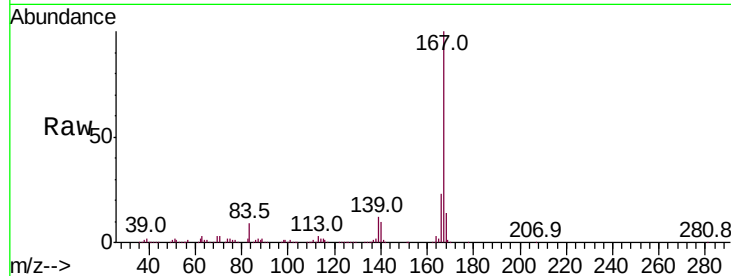




#73
 Carbazole
 Concen: 38.220 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

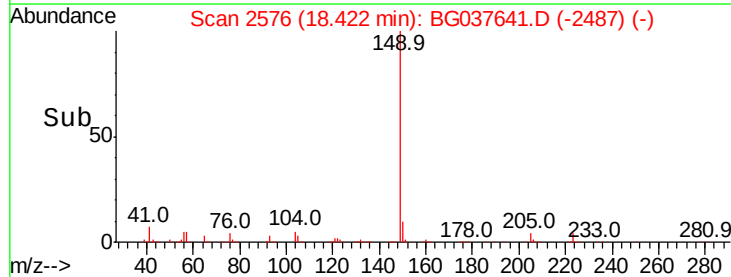
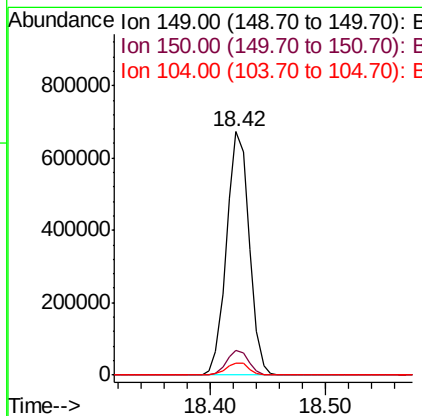
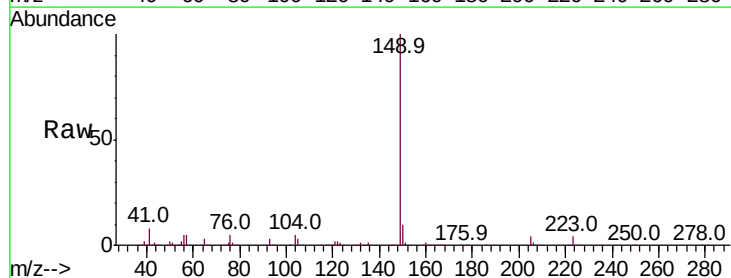
Instrument :
 BNA_G
 ClientSampleId :
 PB114209BS

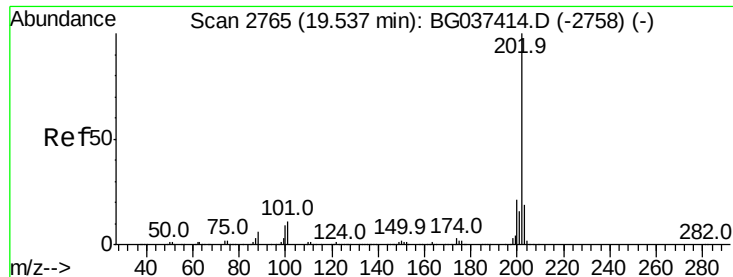
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	12.3	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 40.891 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037641.D
 Acq: 30 Oct 2018 2:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 41.800 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

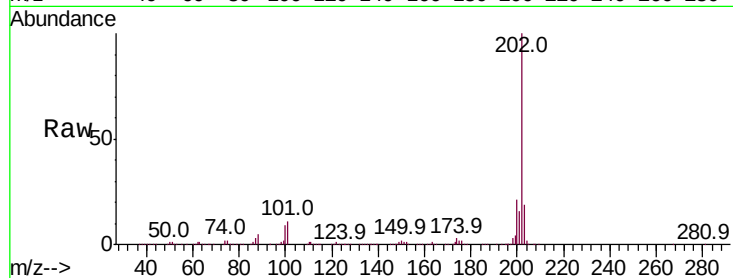
Tot Ion:202 Resp: 969181

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

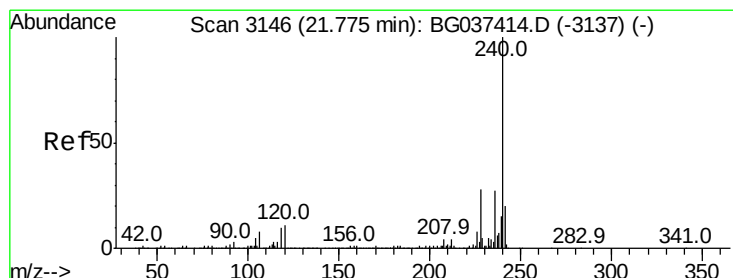
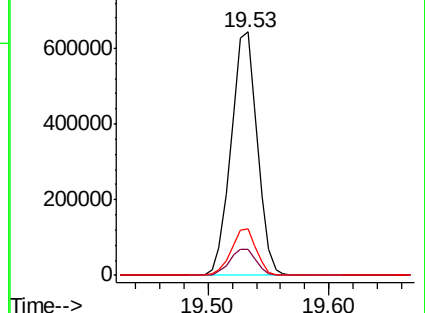
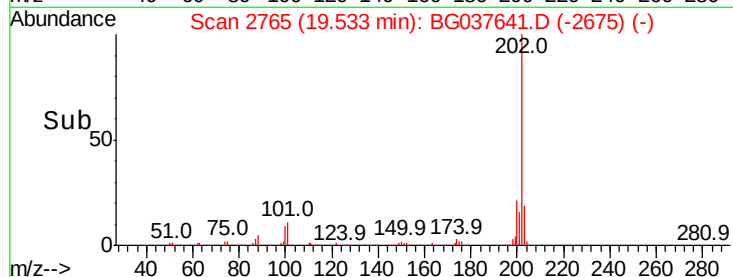
203 18.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

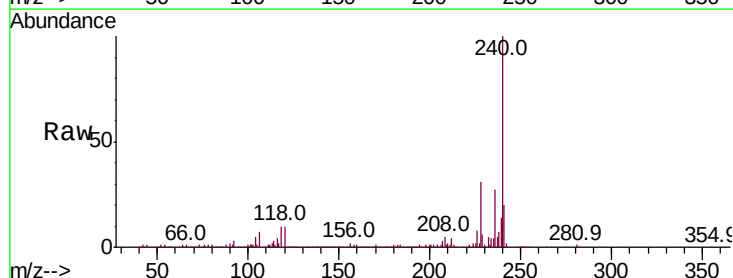
Tgt Ion:240 Resp: 358038

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

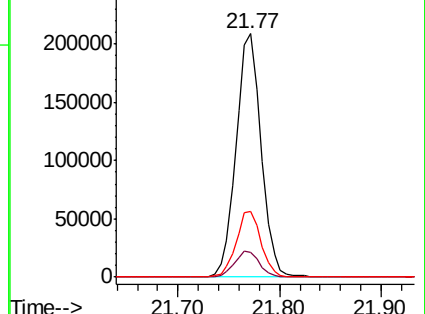
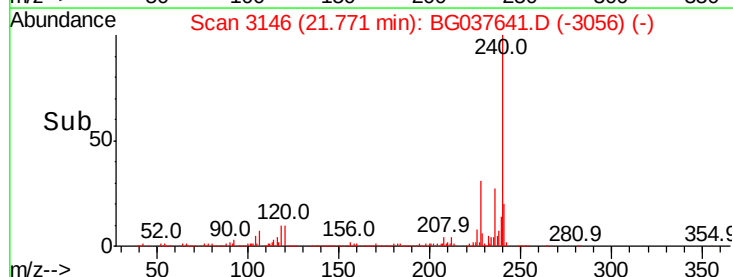
236 26.9 21.4 32.0

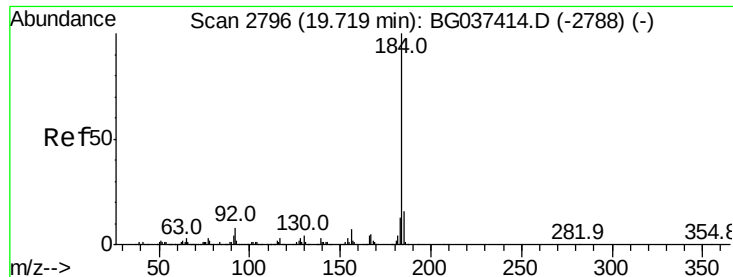


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.067 ng

RT: 19.71 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

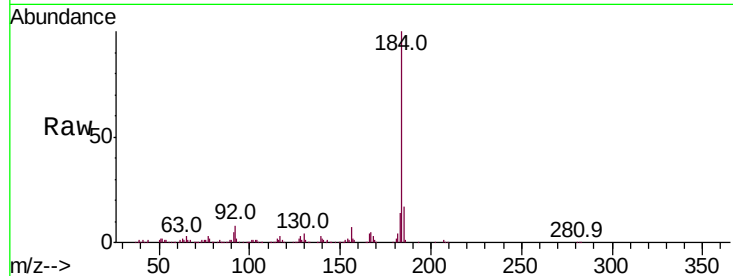
Tot Ion:184 Resp: 390388

Ion Ratio Lower Upper

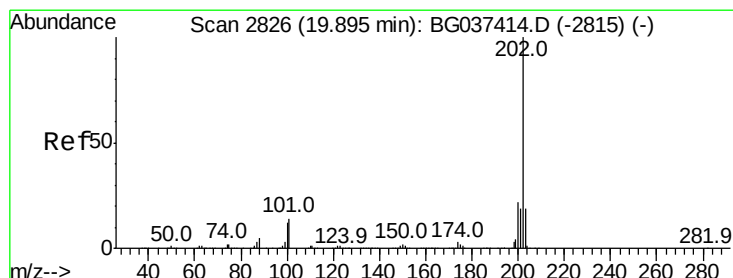
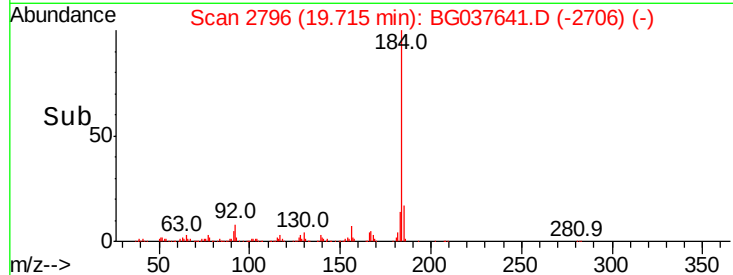
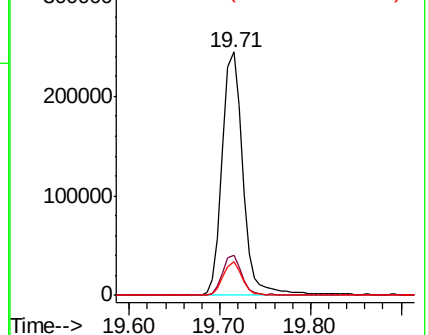
184 100

185 16.6 12.6 18.8

183 13.6 10.2 15.2



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



#78

Pyrene

Concen: 40.791 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

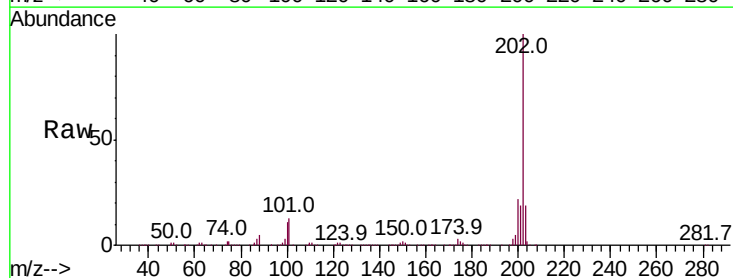
Tgt Ion:202 Resp: 954733

Ion Ratio Lower Upper

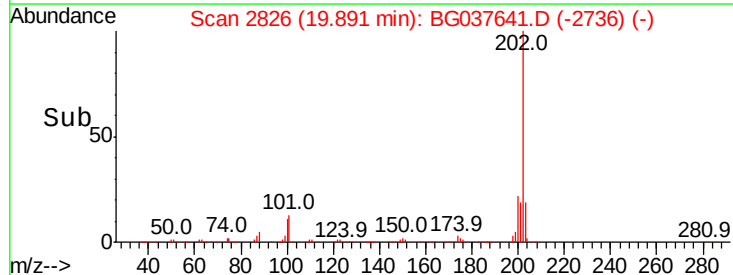
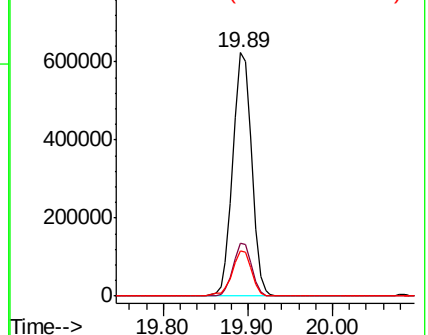
202 100

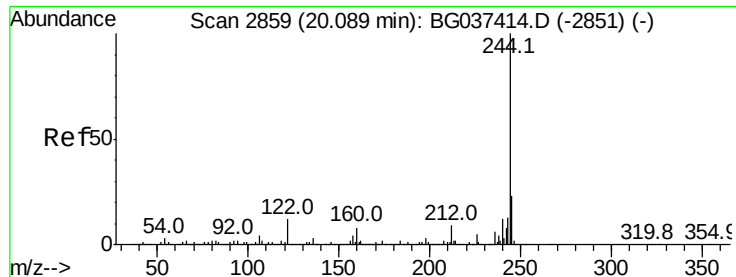
200 21.9 17.8 26.6

203 18.5 15.2 22.8



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





#79

Terphenyl-d14

Concen: 59.721 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

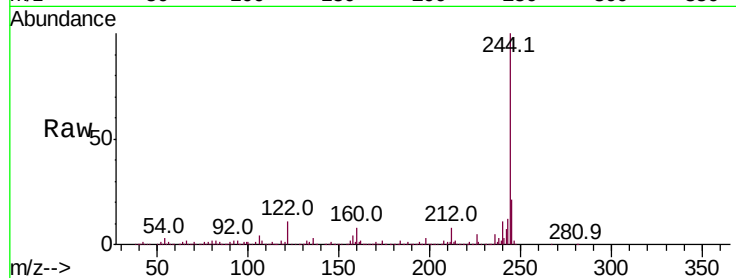
Tot Ion:244 Resp: 1000690

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.1	9.0	13.4

244 100

212 8.0 6.5 9.7

122 11.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

1000000 Ion 212.00 (211.70 to 212.70): E

800000 Ion 122.00 (121.70 to 122.70): E

20.08

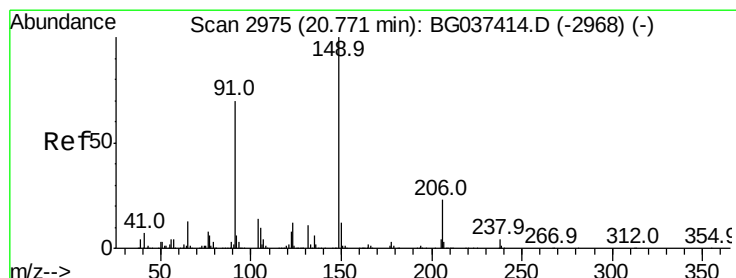
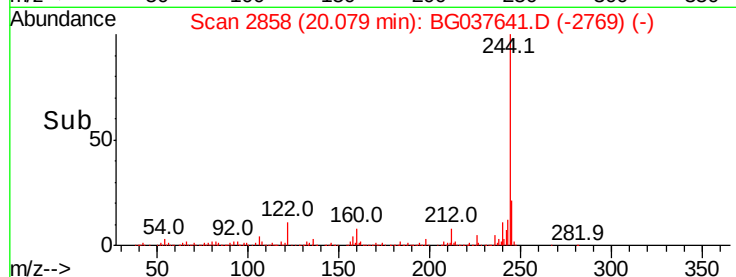
600000

400000

200000

0

Time--> 20.00 20.10



#80

Butylbenzylphthalate

Concen: 43.186 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

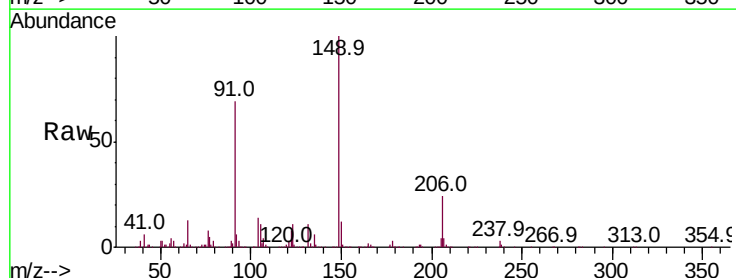
Tgt Ion:149 Resp: 413679

Ion	Ratio	Lower	Upper
149	100		
91	68.8	57.0	85.4
206	23.7	17.8	26.6

149 100

91 68.8 57.0 85.4

206 23.7 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

400000 Ion 91.00 (90.70 to 91.70): BG

300000 Ion 206.00 (205.70 to 206.70): E

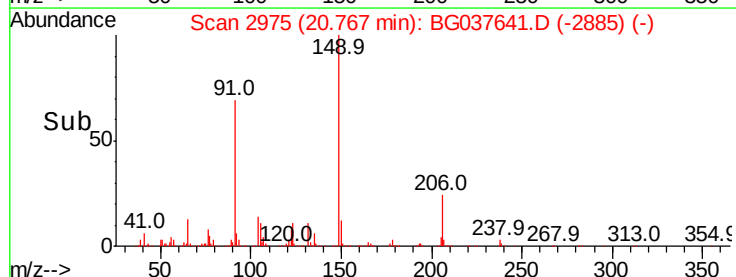
20.77

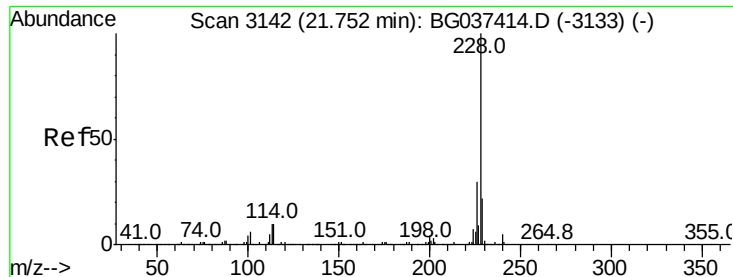
200000

100000

0

Time--> 20.70 20.75 20.80





#81

Benzo(a)anthracene

Concen: 42.196 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

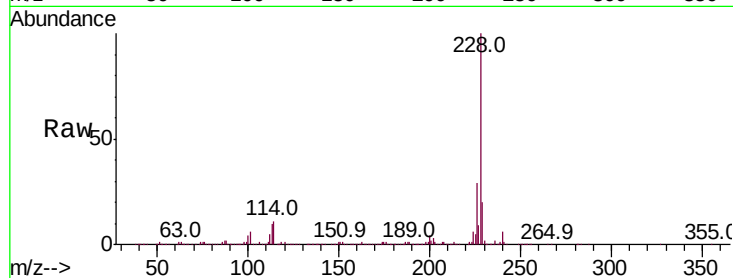
Tot Ion:228 Resp: 893618

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

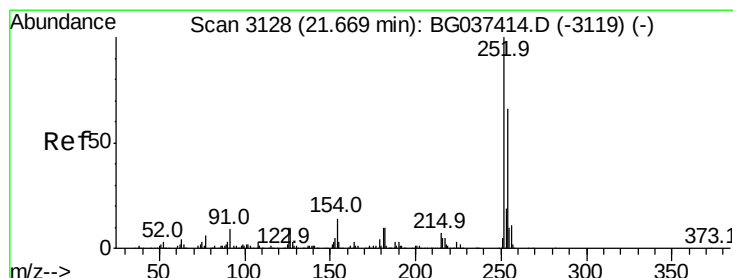
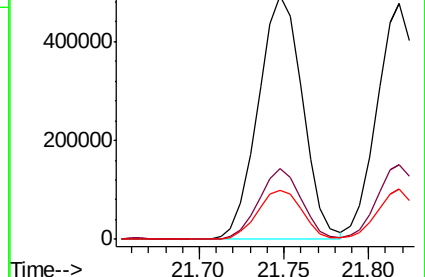
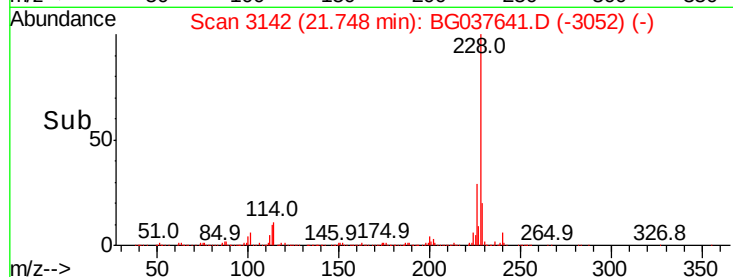
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.624 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

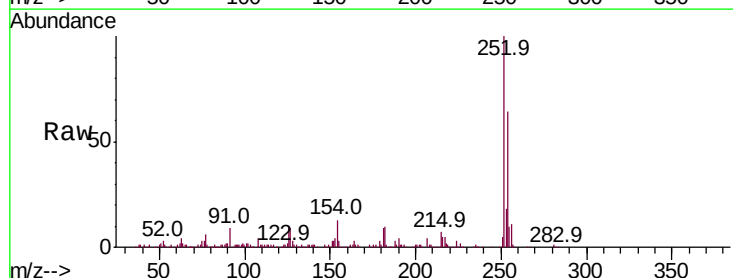
Tgt Ion:252 Resp: 251382

Ion Ratio Lower Upper

252 100

254 63.8 52.0 78.0

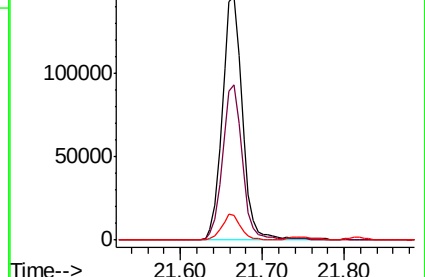
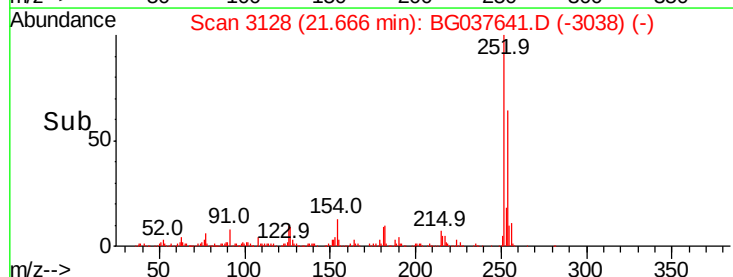
126 10.3 8.2 12.4

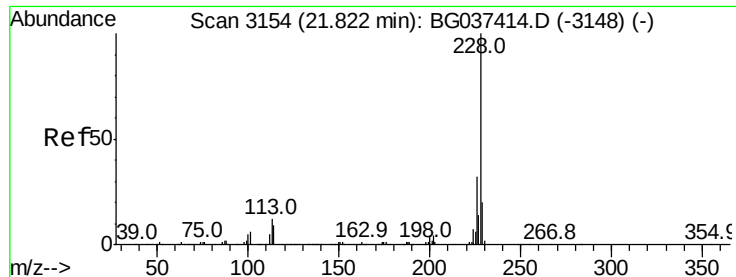


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.586 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

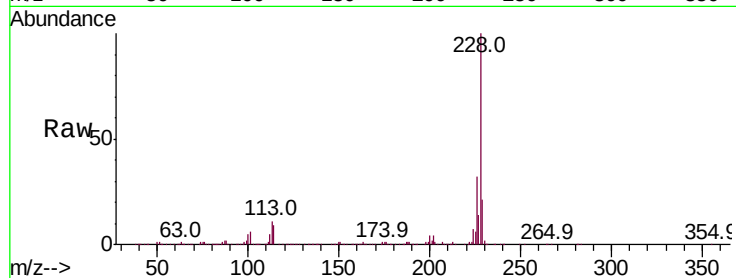
Tot Ion:228 Resp: 826483

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

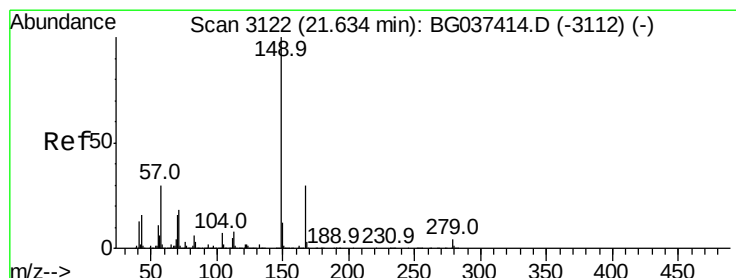
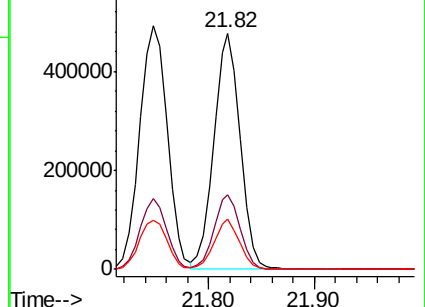
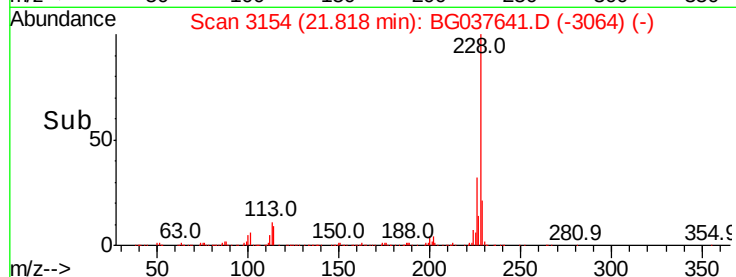
229 21.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.745 ng

RT: 21.62 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

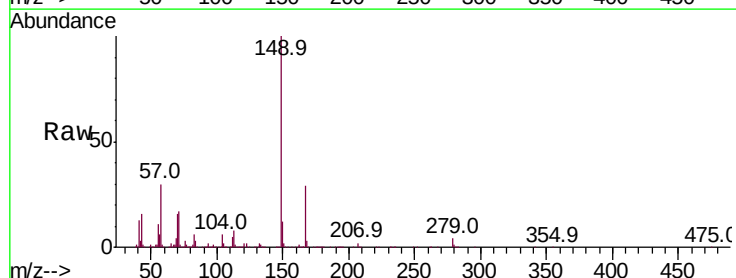
Tgt Ion:149 Resp: 587356

Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.4

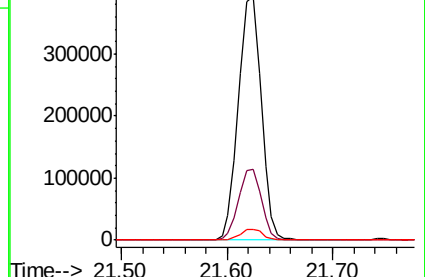
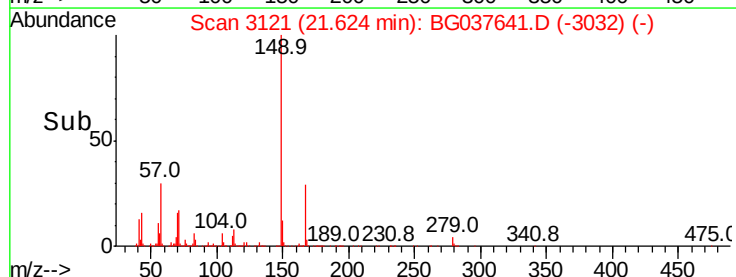
279 4.4 3.6 5.4

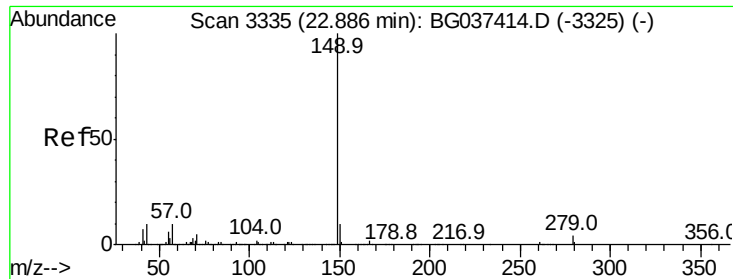


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

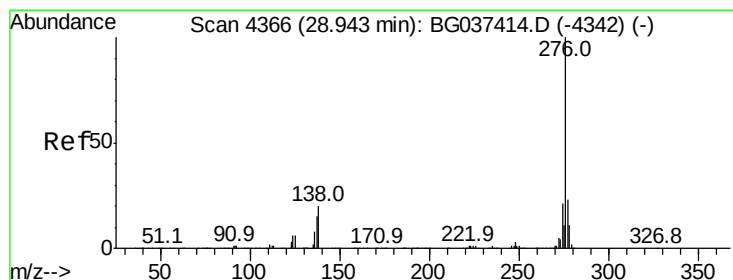
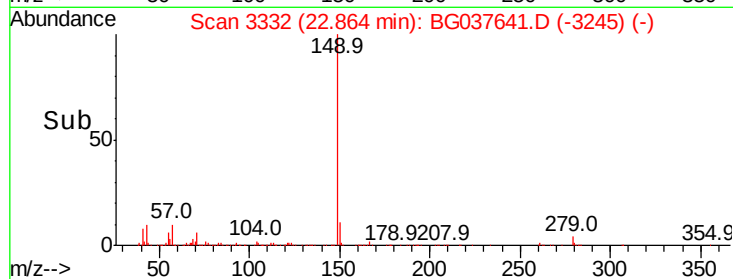
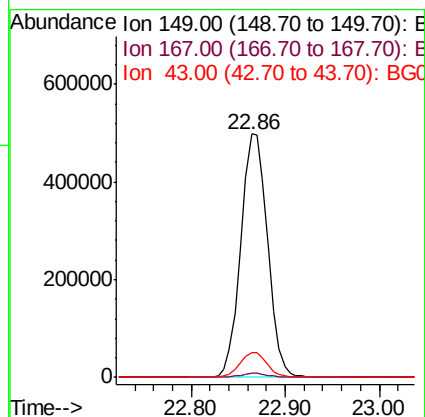
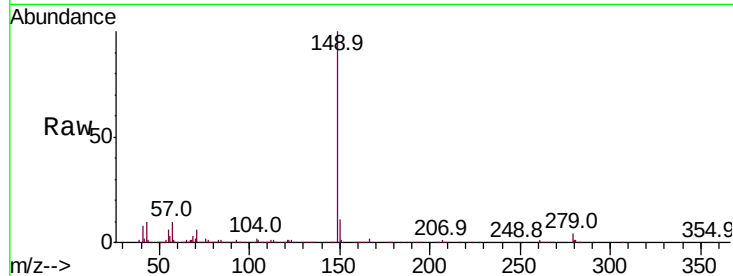




#85
Di-n-octyl phthalate
Concen: 44.816 ng
RT: 22.86 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

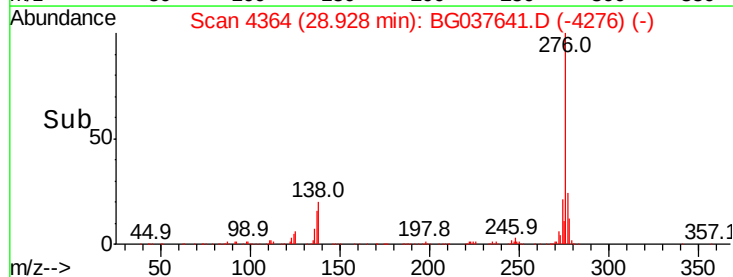
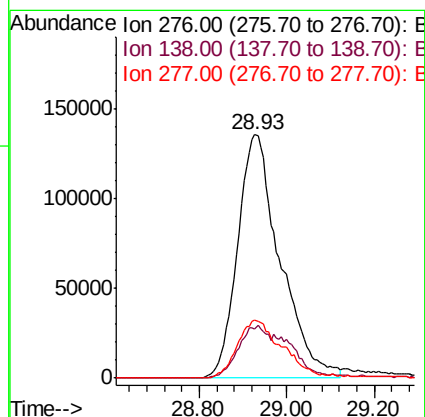
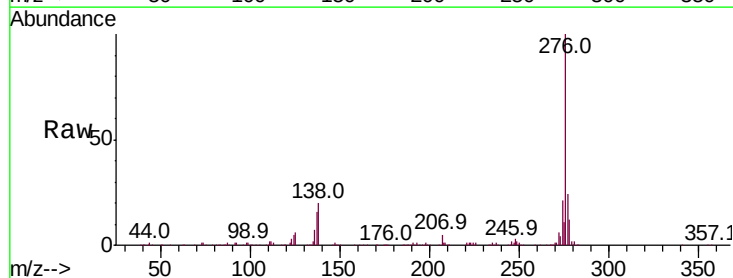
Instrument :
BNA_G
ClientSampleId :
PB114209BS

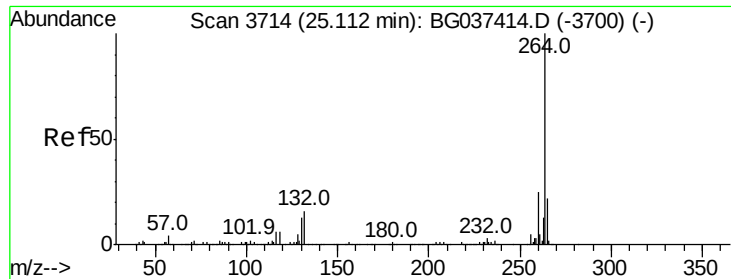
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.1	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.940 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.0	18.0
277	25.1	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

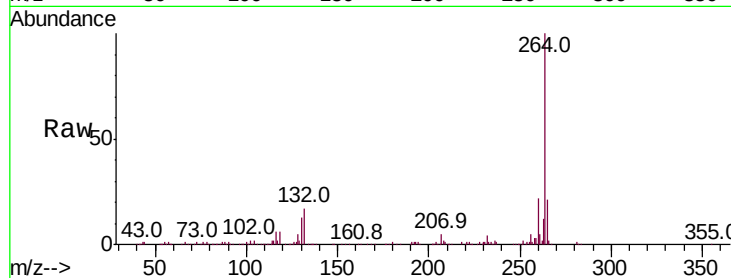
Tot Ion:264 Resp: 378350

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	21.0	17.9	26.9

264 100

260 22.0 18.2 27.4

265 21.0 17.9 26.9

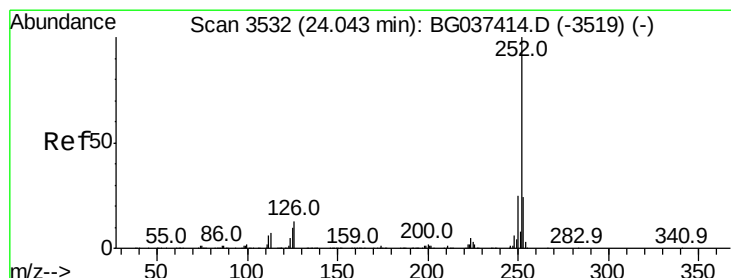
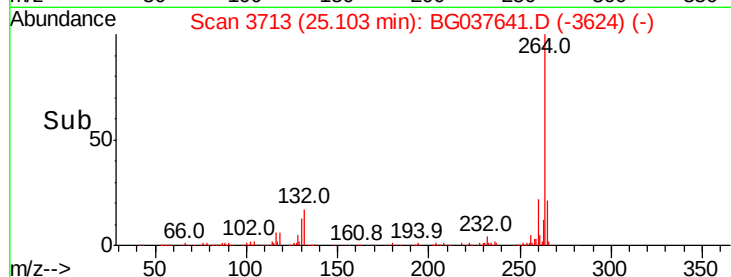
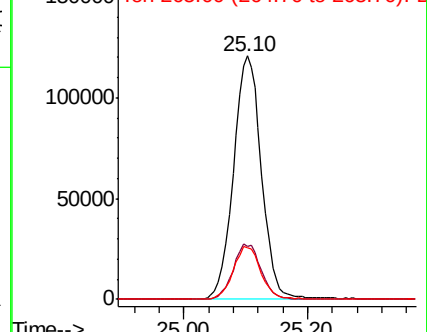


Abundance

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: 41.696 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

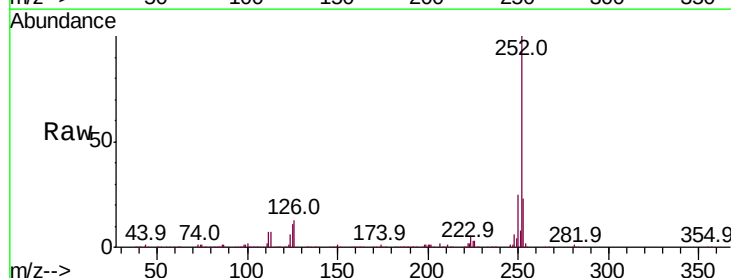
Tgt Ion:252 Resp: 864883

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.8	7.8	11.6

252 100

253 22.8 18.2 27.2

125 10.8 7.8 11.6

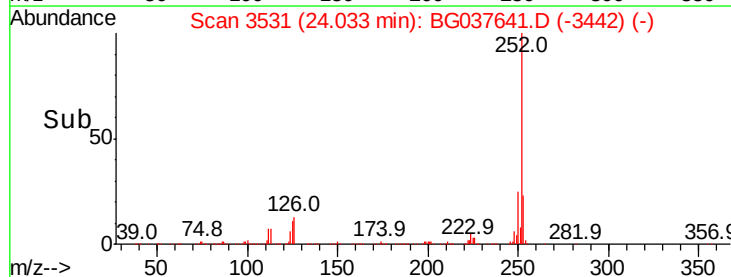
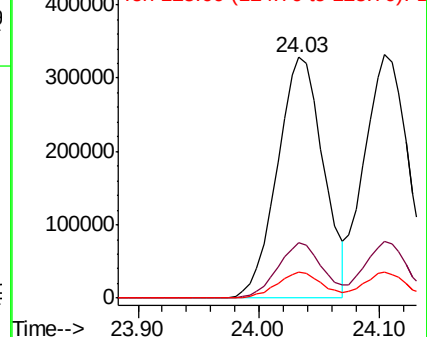


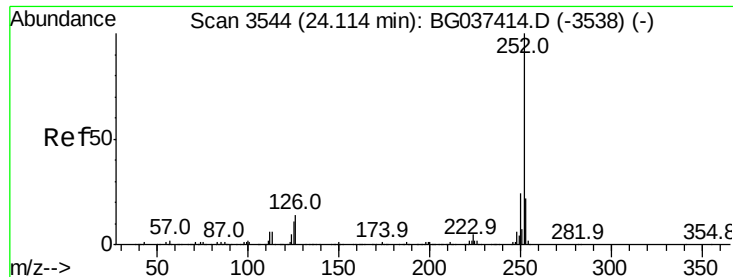
Abundance

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

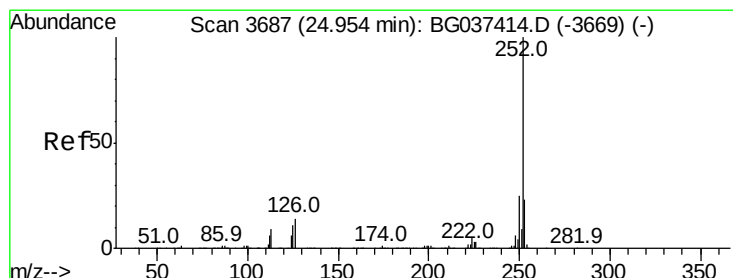
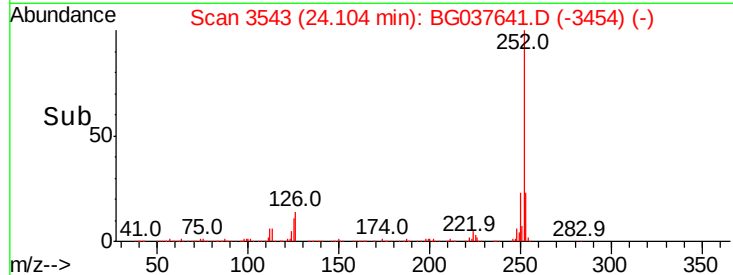
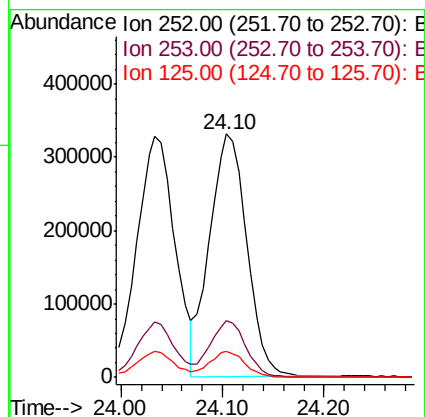
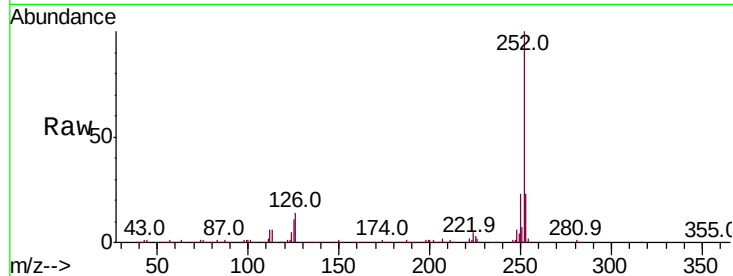




#89
Benzo(k)fluoranthene
Concen: 41.381 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

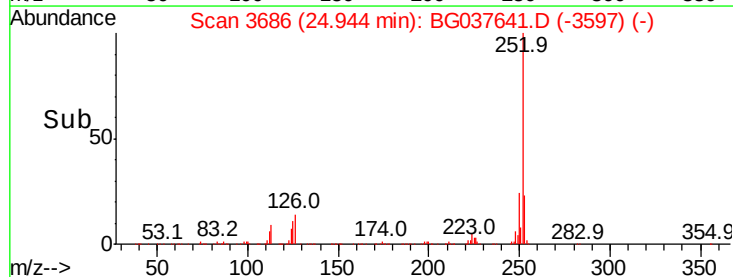
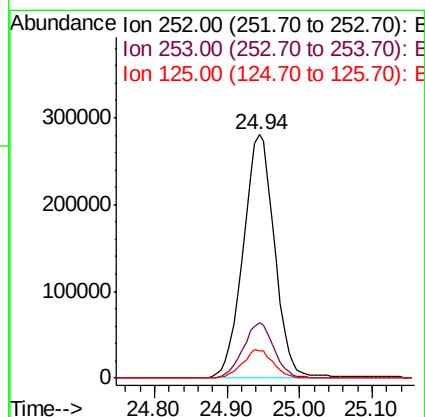
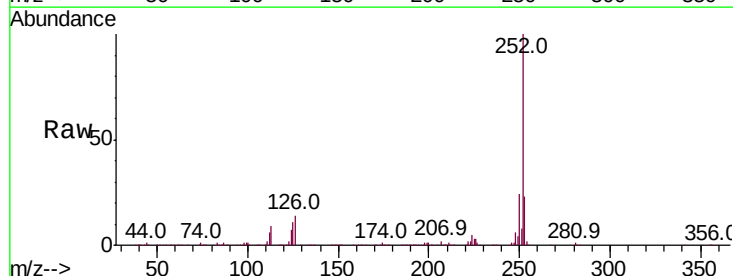
Instrument :
BNA_G
ClientSampleId :
PB114209BS

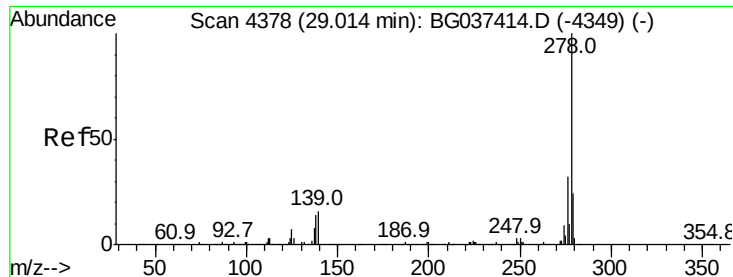
Tot Ion:252 Resp: 840944
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 42.512 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037641.D
Acq: 30 Oct 2018 2:58

Tgt Ion:252 Resp: 837924
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.733 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.02 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

Instrument :

BNA_G

ClientSampleId :

PB114209BS

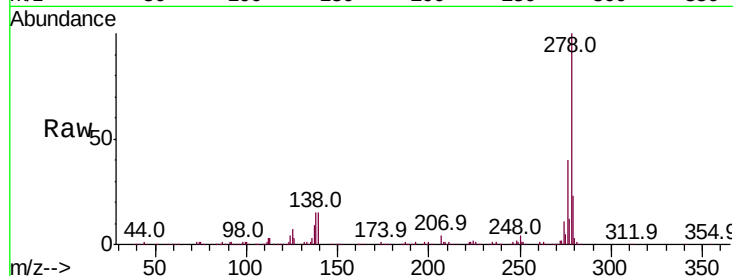
Tot Ion:278 Resp: 740571

Ion Ratio Lower Upper

278 100

139 15.5 11.5 17.3

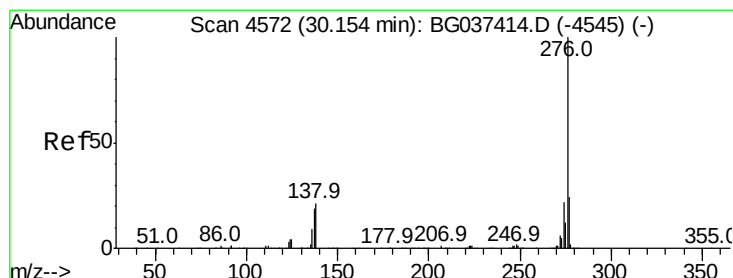
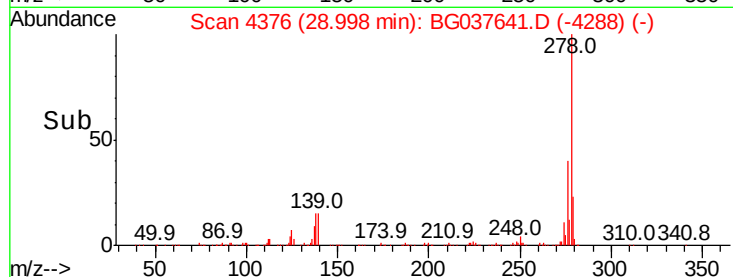
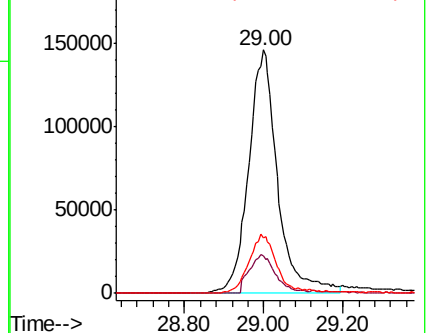
279 22.9 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.367 ng

RT: 30.13 min Scan# 4569

Delta R.T. -0.02 min

Lab File: BG037641.D

Acq: 30 Oct 2018 2:58

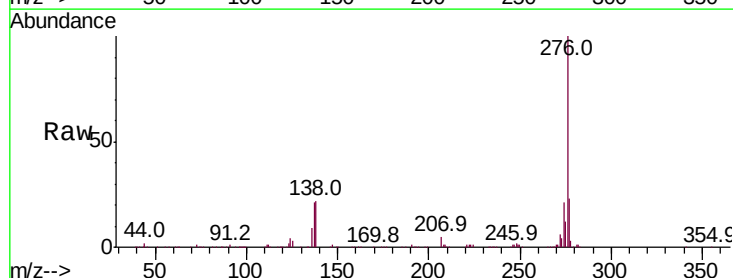
Tgt Ion:276 Resp: 742512

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 21.9 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

