

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037662.D
 Acq On : 30 Oct 2018 20:34
 Operator : JU/SJ
 Sample : PB114303BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

Quant Time: Oct 31 08:02:15 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	50109	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	222690	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	147811	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	356009	20.00	ng	0.00
76) Chrysene-d12	21.77	240	323881	20.00	ng	0.00
87) Perylene-d12	25.10	264	333404	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	344525	114.95	ng	0.00
7) Phenol-d6	7.25	99	497475	109.77	ng	0.00
23) Nitrobenzene-d5	9.28	82	280097	70.46	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	178998	111.03	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	677236	69.09	ng	0.00
79) Terphenyl-d14	20.08	244	1041817	68.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	41342	27.199	ng	97
3) Pyridine	3.93	79	122470	31.968	ng	92
4) n-Nitrosodimethylamine	3.85	42	55496	40.670	ng	# 95
6) Aniline	7.42	93	89693	16.222	ng	98
8) 2-Chlorophenol	7.66	128	148043	42.222	ng	98
9) Benzaldehyde	7.24	77	67682	23.873	ng	99
10) Phenol	7.27	94	203608	42.579	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	135261	37.243	ng	97
12) 1,3-Dichlorobenzene	7.99	146	140129	35.899	ng	99
13) 1,4-Dichlorobenzene	8.13	146	143556	35.953	ng	98
14) 1,2-Dichlorobenzene	8.46	146	138645	36.097	ng	97
15) Benzyl Alcohol	8.34	79	131633	39.308	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	243405	37.456	ng	96
17) 2-Methylphenol	8.53	107	136171	43.073	ng	97
18) Hexachloroethane	9.18	117	51274	37.667	ng	97
19) n-Nitroso-di-n-propylamine	8.90	70	111227	35.639	ng	97
20) 3+4-Methylphenols	8.86	107	191046	42.267	ng	98
22) Acetophenone	8.93	105	211493	37.868	ng	# 95
24) Nitrobenzene	9.32	77	163178	39.513	ng	92
25) Isophorone	9.83	82	317056	43.651	ng	97
26) 2-Nitrophenol	10.03	139	80154	43.084	ng	96
27) 2,4-Dimethylphenol	10.07	122	160811	48.412	ng	97
28) bis(2-Chloroethoxy)methane	10.31	93	194020	40.770	ng	98
29) 2,4-Dichlorophenol	10.56	162	160728	43.459	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	148714	36.976	ng	97
31) Naphthalene	10.97	128	454569	41.559	ng	100
32) Benzoic acid	10.20	122	101498	47.045	ng	98
33) 4-Chloroaniline	11.08	127	57214	11.133	ng	94
34) Hexachlorobutadiene	11.23	225	85343	35.803	ng	97
35) Caprolactam	11.87	113	40955	27.611	ng	93
36) 4-Chloro-3-methylphenol	12.18	107	180811	43.350	ng	100
37) 2-Methylnaphthalene	12.57	142	348940	43.763	ng	99
38) 1-Methylnaphthalene	12.79	142	330572	42.692	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	173689	36.430	ng	98

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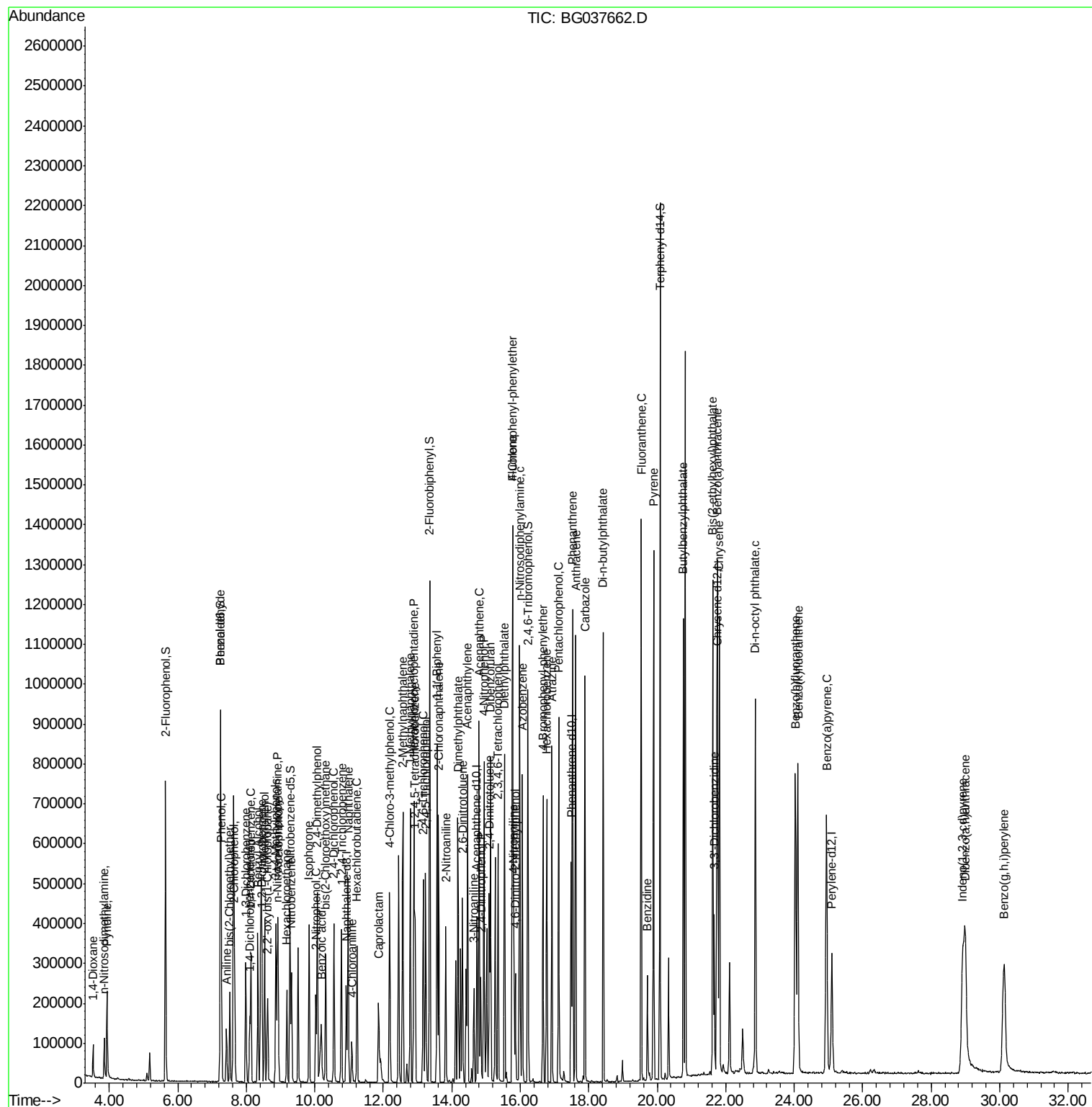
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	215874	94.789	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	137966	43.314	ng	95
44) 2,4,5-Trichlorophenol	13.24	196	151788	43.768	ng	98
46) 1,1'-Biphenyl	13.57	154	455225	37.188	ng	100
47) 2-Chloronaphthalene	13.62	162	359847	38.856	ng	98
48) 2-Nitroaniline	13.83	65	121203	43.157	ng	92
49) Acenaphthylene	14.46	152	601741	43.194	ng	98
50) Dimethylphthalate	14.18	163	472332	41.306	ng	99
51) 2,6-Dinitrotoluene	14.32	165	109472	43.276	ng	90
52) Acenaphthene	14.80	154	350812	40.888	ng	100
53) 3-Nitroaniline	14.64	138	62804	22.364	ng	# 97
54) 2,4-Dinitrophenol	14.85	184	69315	68.362	ng	96
55) Dibenzofuran	15.13	168	569842	40.087	ng	98
56) 4-Nitrophenol	14.94	139	247658	119.143	ng	95
57) 2,4-Dinitrotoluene	15.10	165	153792	46.315	ng	94
58) Fluorene	15.78	166	463148	43.508	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	133357	44.912	ng	99
60) Diethylphthalate	15.54	149	491282	41.848	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	239986	38.679	ng	98
62) 4-Nitroaniline	15.81	138	116619	41.792	ng	92
63) Azobenzene	16.06	77	464267	41.449	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	71377	39.942	ng	96
66) n-Nitrosodiphenylamine	15.98	169	430683	40.218	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	153097	39.160	ng	98
68) Hexachlorobenzene	16.77	284	153259	37.824	ng	99
69) Atrazine	16.92	200	157138	40.585	ng	98
70) Pentachlorophenol	17.12	266	182603	67.279	ng	96
71) Phenanthrene	17.52	178	763302	42.187	ng	99
72) Anthracene	17.62	178	778758	43.858	ng	98
73) Carbazole	17.89	167	707039	39.807	ng	99
74) Di-n-butylphthalate	18.42	149	842279	42.629	ng	99
75) Fluoranthene	19.53	202	886971	43.222	ng	98
77) Benzidine	19.71	184	173694	15.772	ng	98
78) Pyrene	19.89	202	886773	41.883	ng	99
80) Butylbenzylphthalate	20.76	149	379442	43.790	ng	96
81) Benzo(a)anthracene	21.75	228	827880	43.215	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	153942	20.732	ng	96
83) Chrysene	21.82	228	766033	41.585	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	528882	43.544	ng	98
85) Di-n-octyl phthalate	22.86	149	896671	45.273	ng	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	820982	41.552	ng	98
88) Benzo(b)fluoranthene	24.03	252	818132	44.759	ng	99
89) Benzo(k)fluoranthene	24.10	252	767083	42.835	ng	98
90) Benzo(a)pyrene	24.94	252	775753	44.664	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	650278	40.588	ng	98
92) Benzo(g,h,i)perylene	30.13	276	661208	40.793	ng	98

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

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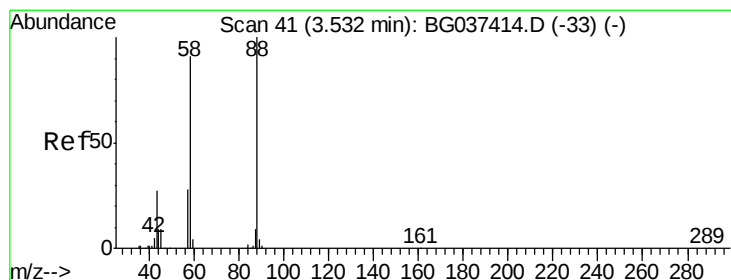
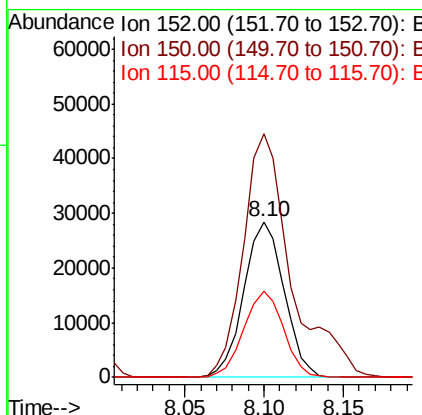
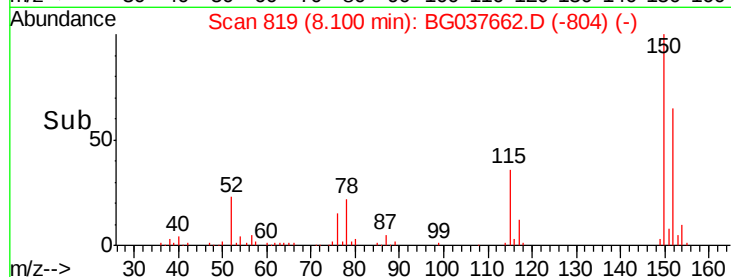
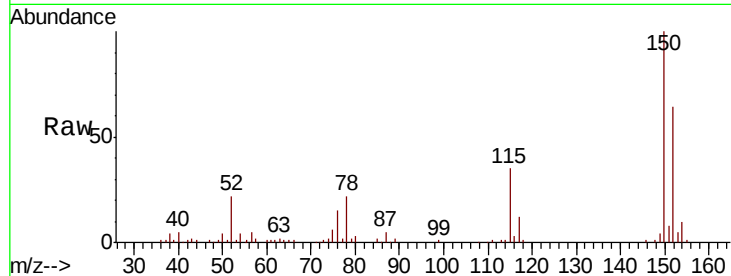




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

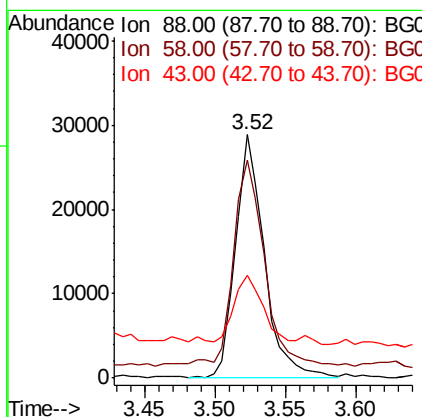
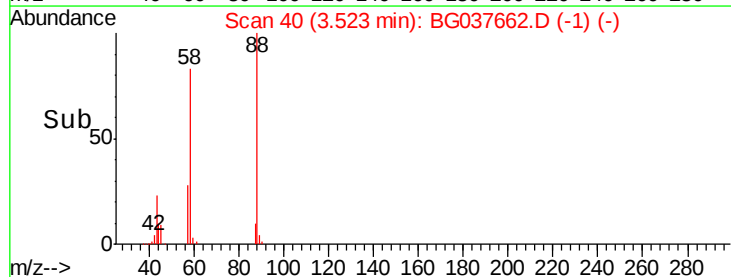
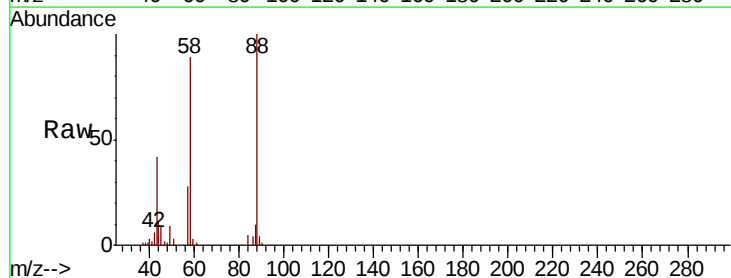
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

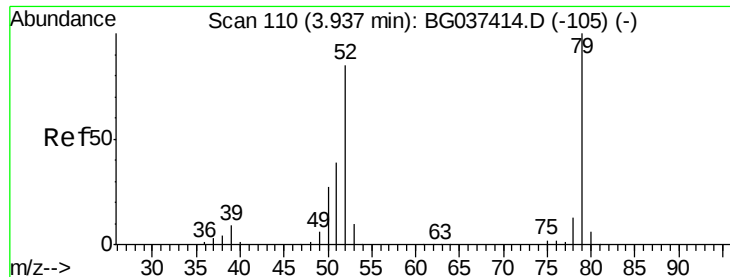
Tgt Ion:152 Resp: 50109
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.0 189.0
 115 55.4 45.5 68.3



#2
 1,4-Dioxane
 Concen: 27.199 ng
 RT: 3.52 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion: 88 Resp: 41342
 Ion Ratio Lower Upper
 88 100
 58 93.8 74.4 111.6
 43 26.7 25.8 38.8





#3

Pyridine

Concen: 31.968 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

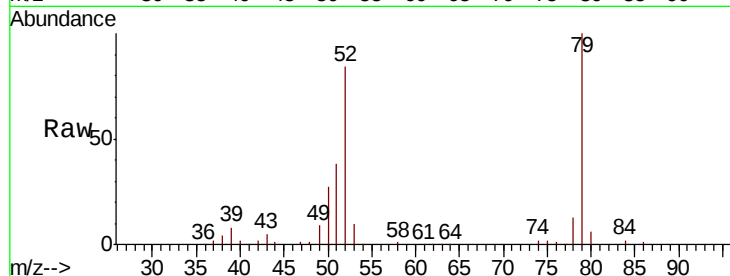
Tgt Ion: 79 Resp: 122470

Ion Ratio Lower Upper

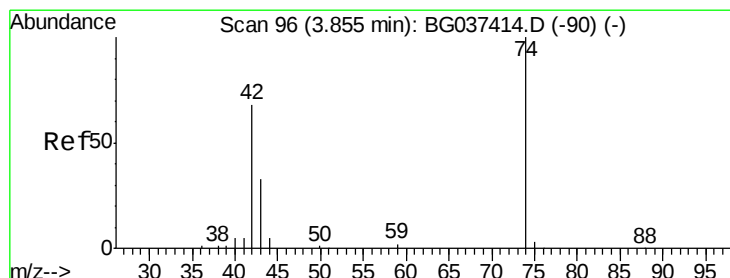
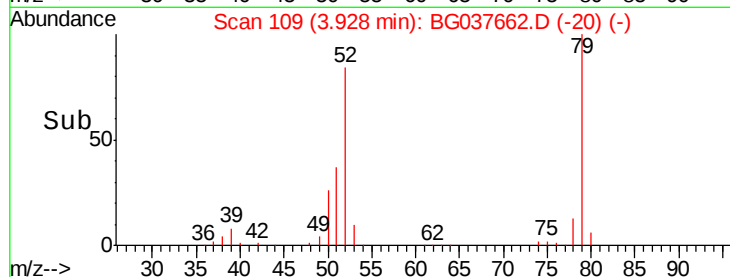
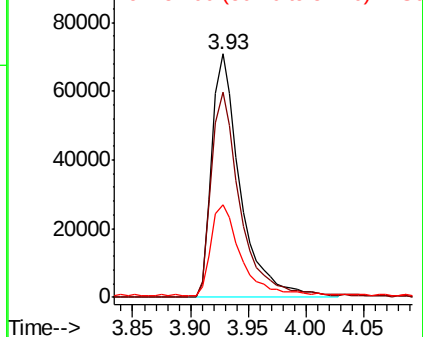
79 100

52 84.3 74.2 111.2

51 38.2 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: 40.670 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

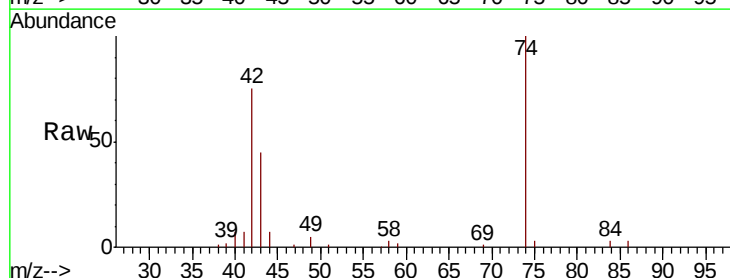
Tgt Ion: 42 Resp: 55496

Ion Ratio Lower Upper

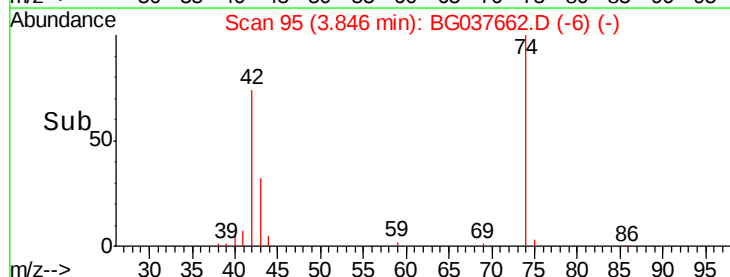
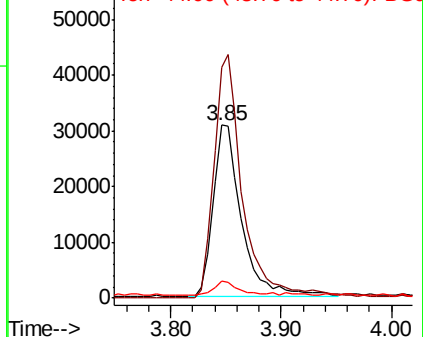
42 100

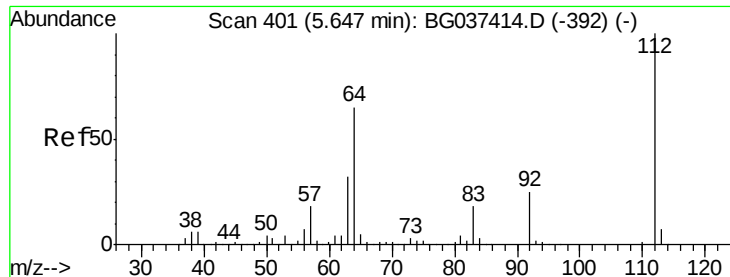
74 133.7 102.0 153.0

44 9.5 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: 114.948 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037662.D

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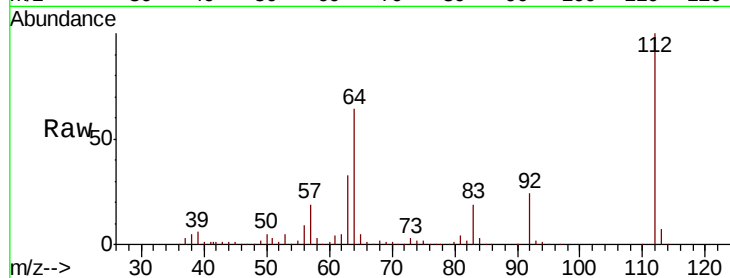
Tgt Ion: 112 Resp: 344525

Ion Ratio Lower Upper

112 100

64 63.8 53.1 79.7

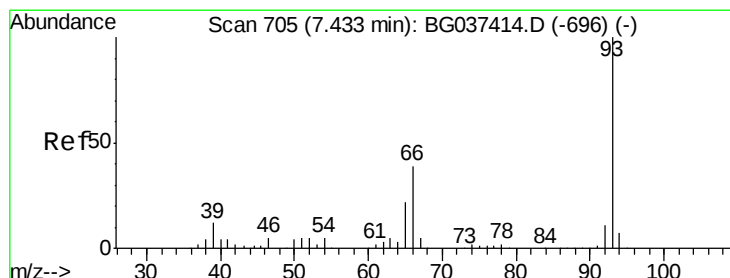
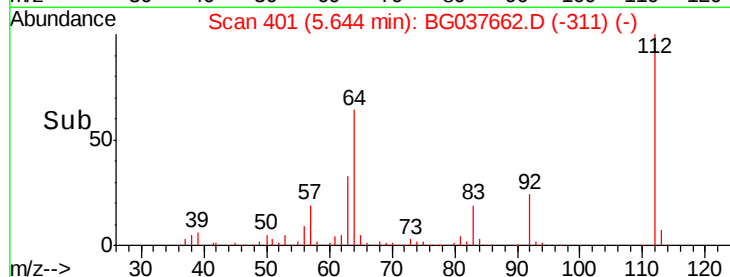
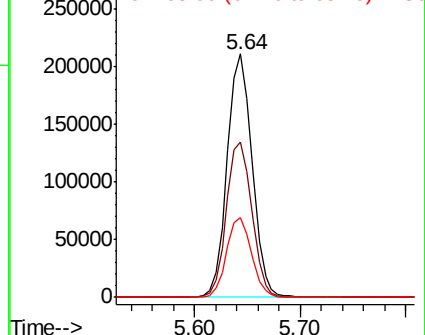
63 32.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.222 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

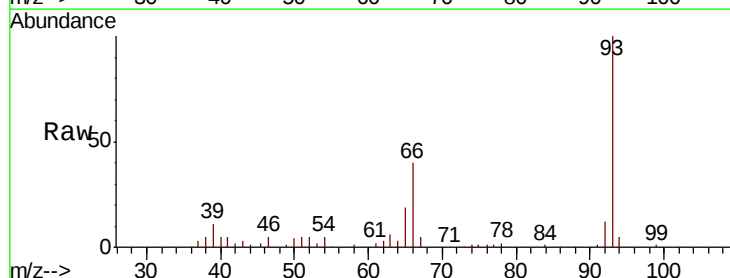
Tgt Ion: 93 Resp: 89693

Ion Ratio Lower Upper

93 100

66 40.2 32.8 49.2

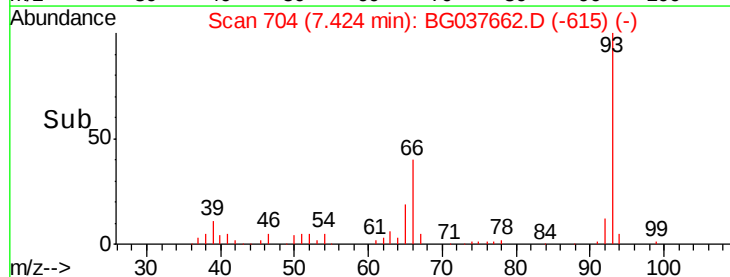
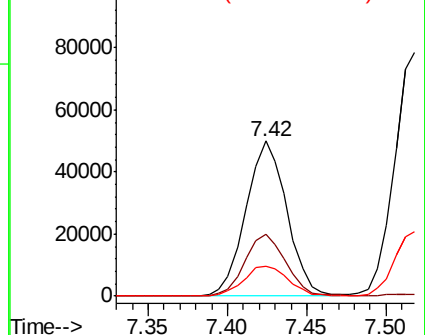
65 19.1 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.766 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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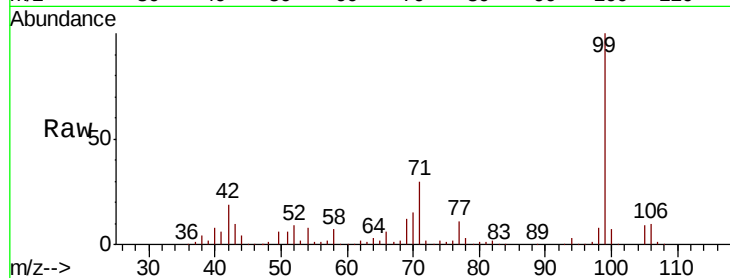
Tgt Ion: 99 Resp: 497475

Ion Ratio Lower Upper

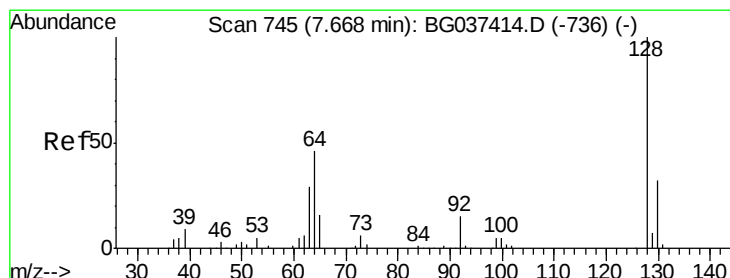
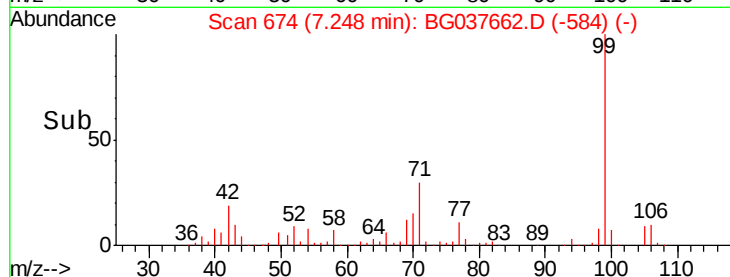
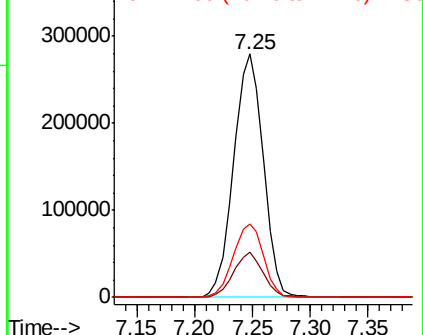
99 100

42 18.8 15.0 22.4

71 30.2 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: 42.222 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

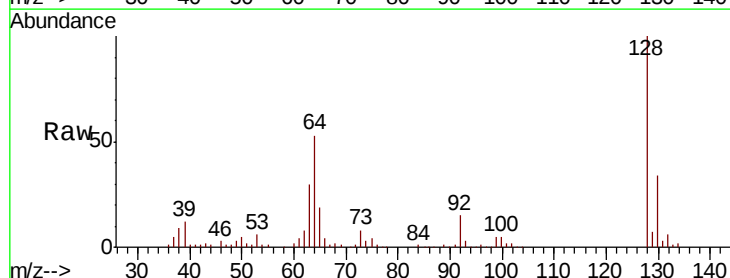
Tgt Ion: 128 Resp: 148043

Ion Ratio Lower Upper

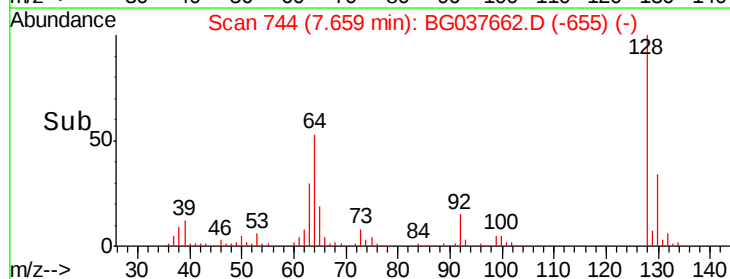
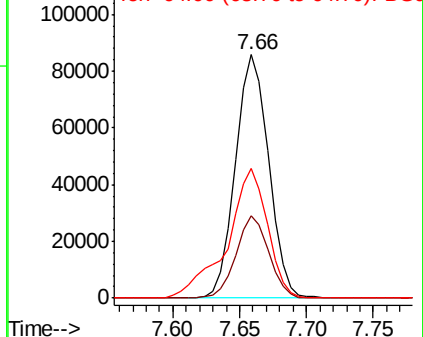
128 100

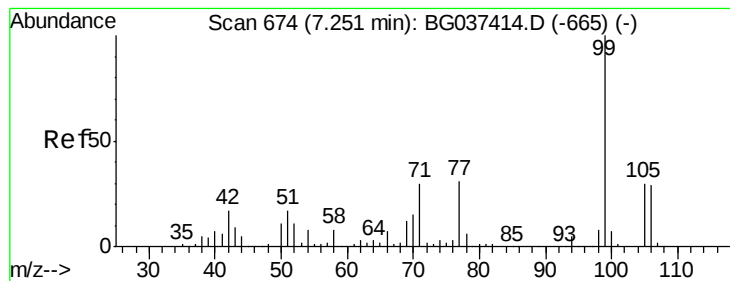
130 33.8 12.0 52.0

64 53.4 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: 23.873 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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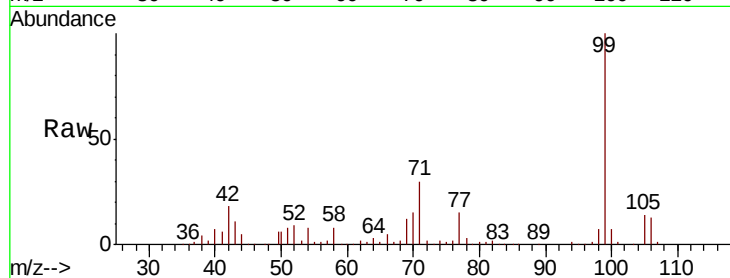
Tgt Ion: 77 Resp: 67682

Ion Ratio Lower Upper

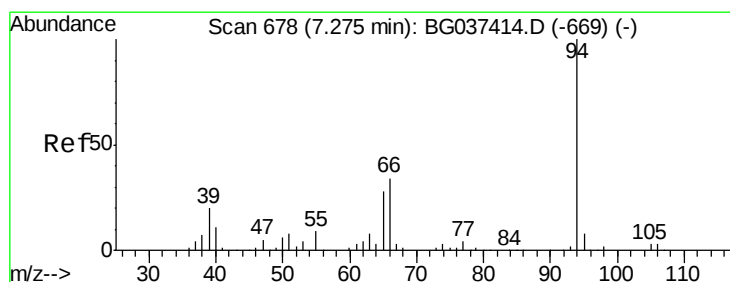
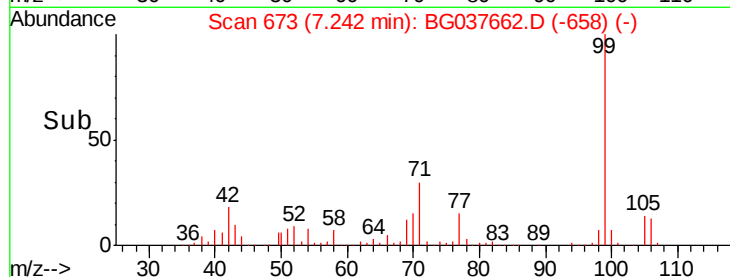
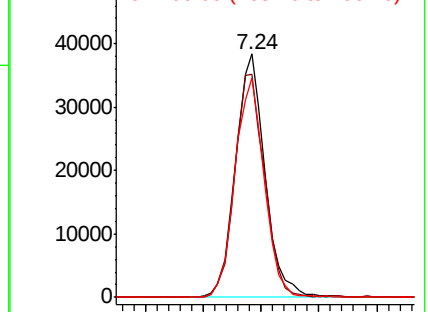
77 100

105 91.4 72.6 112.6

106 90.1 71.3 111.3



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



#10

Phenol

Concen: 42.579 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

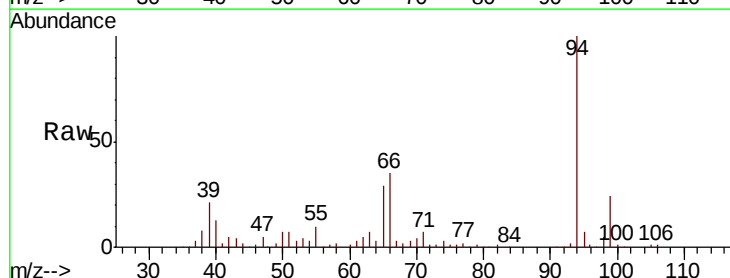
Tgt Ion: 94 Resp: 203608

Ion Ratio Lower Upper

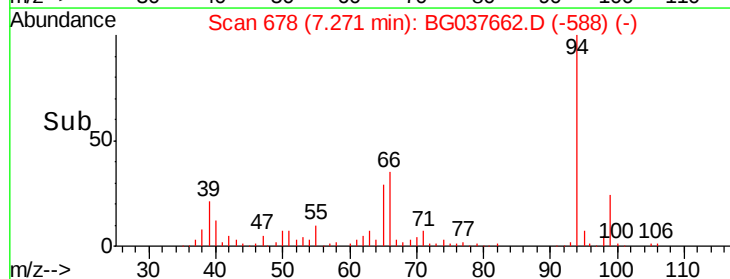
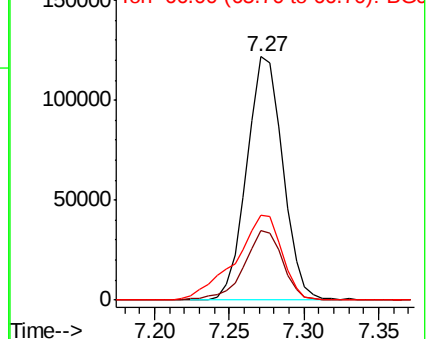
94 100

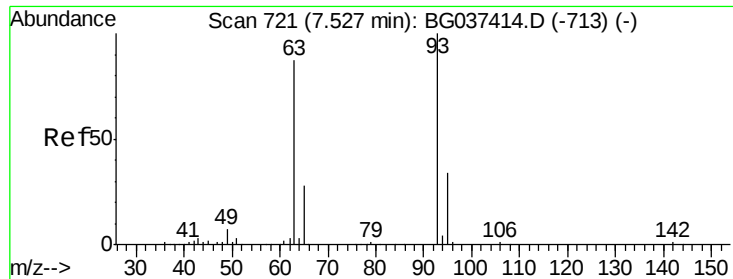
65 28.6 9.7 49.7

66 34.8 15.9 55.9



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

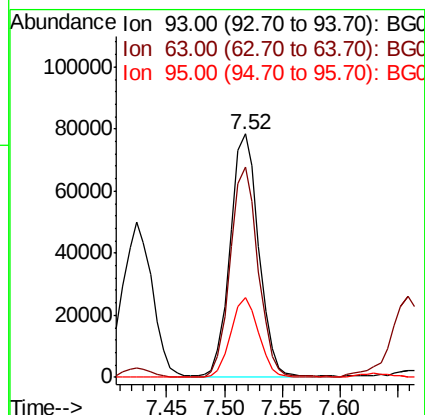
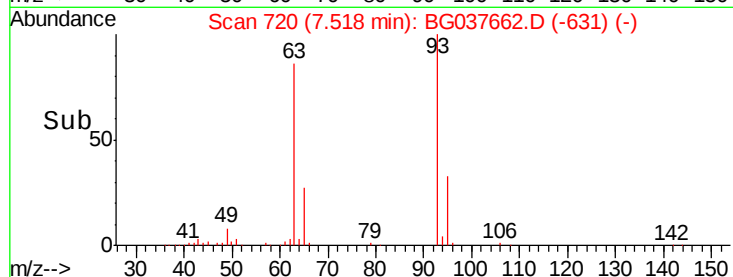
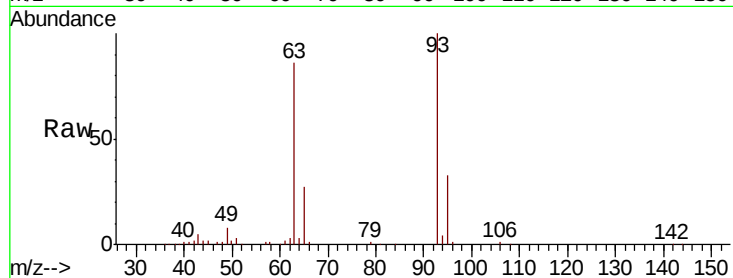




#11
 bis(2-Chloroethyl)ether
 Concen: 37.243 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

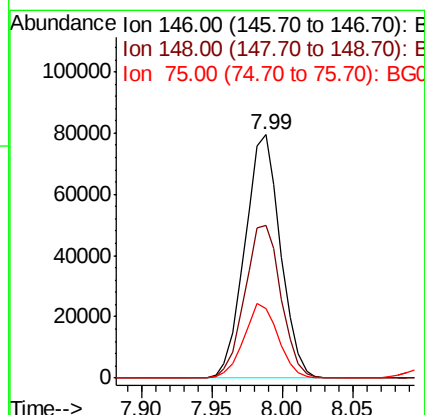
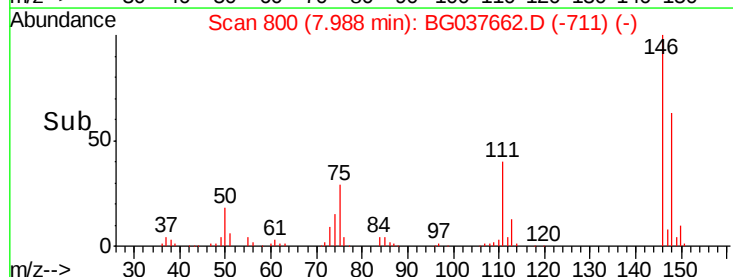
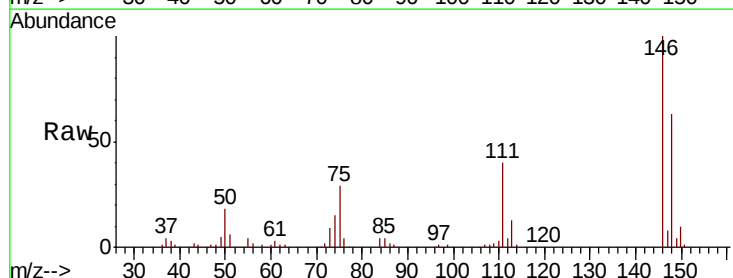
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

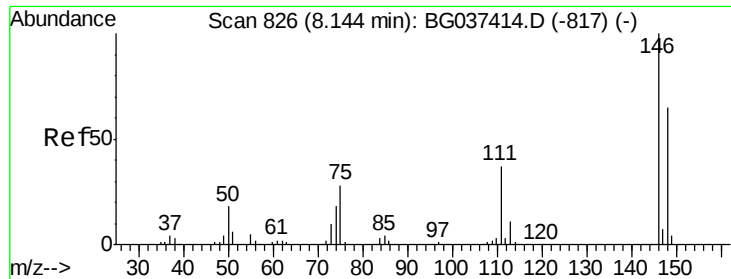
Tgt Ion: 93 Resp: 135261
 Ion Ratio Lower Upper
 93 100
 63 86.3 69.5 109.5
 95 32.6 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 35.899 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion: 146 Resp: 140129
 Ion Ratio Lower Upper
 146 100
 148 62.9 49.8 74.8
 75 28.6 23.2 34.8

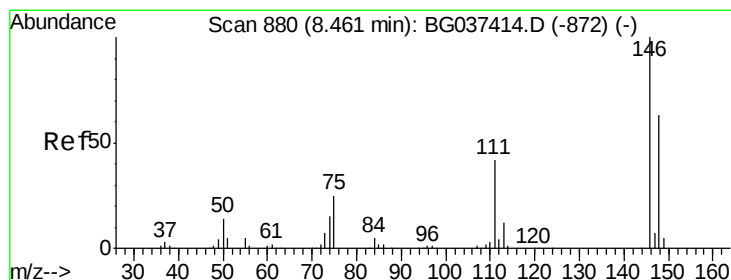
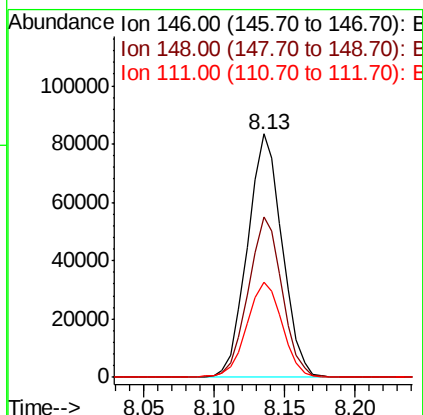
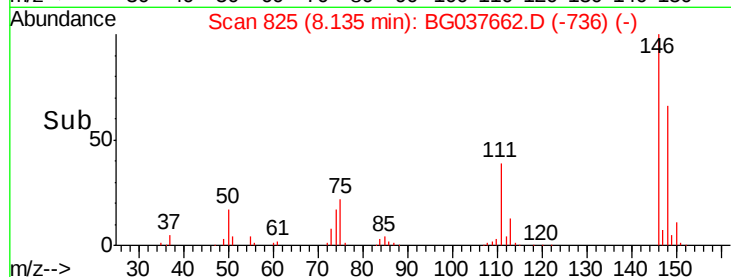
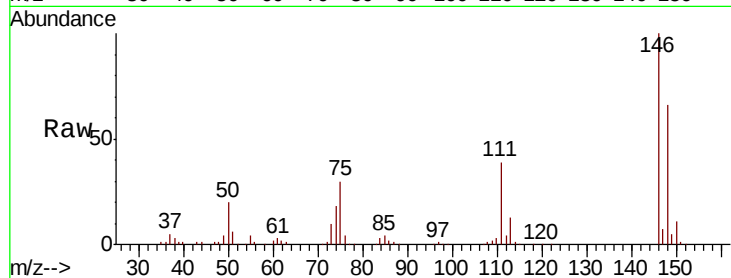




#13
 1,4-Dichlorobenzene
 Concen: 35.953 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

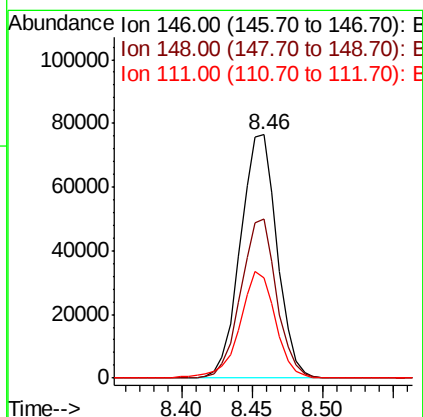
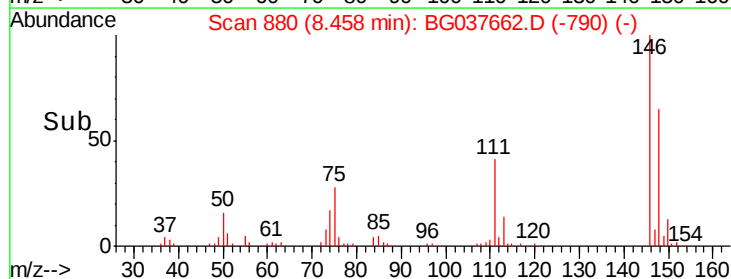
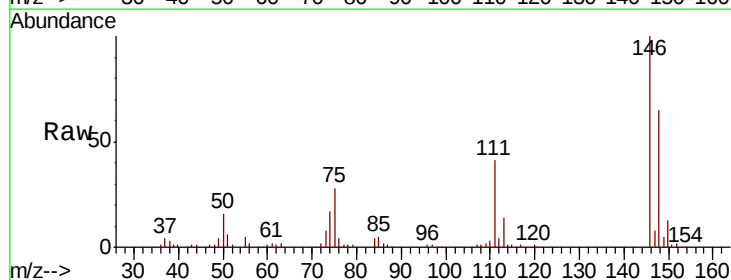
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

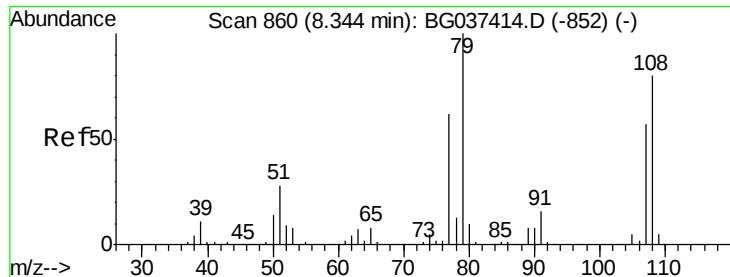
Tgt Ion:146 Resp: 143556
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.0 76.6
 111 39.3 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 36.097 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion:146 Resp: 138645
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.4 75.6
 111 41.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.308 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

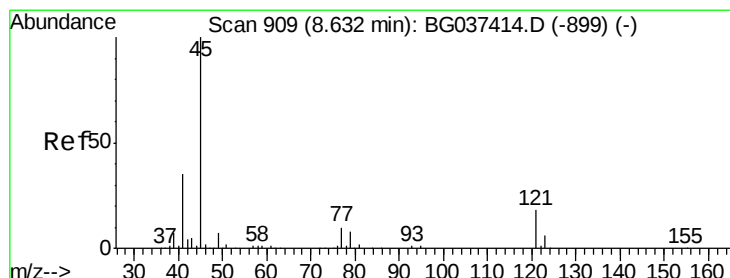
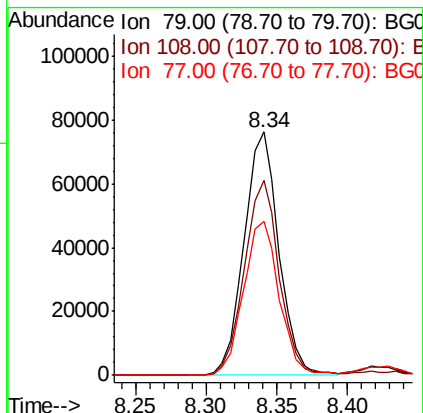
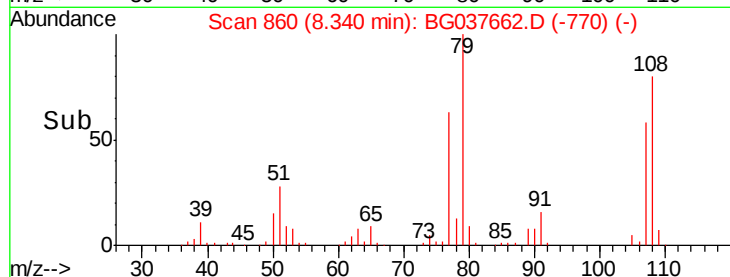
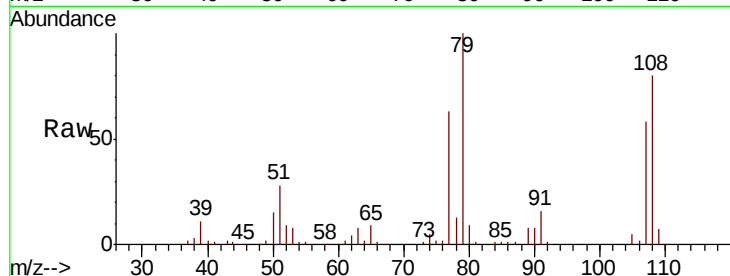
Tgt Ion: 79 Resp: 131633

Ion Ratio Lower Upper

79 100

108 80.3 65.8 98.8

77 63.1 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.456 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

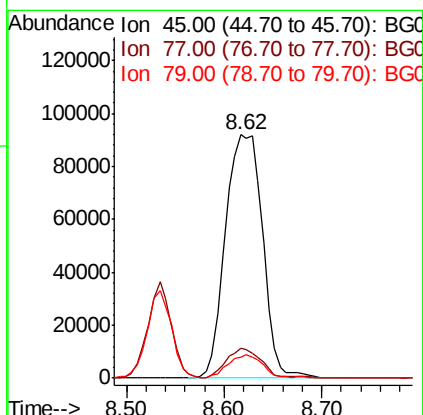
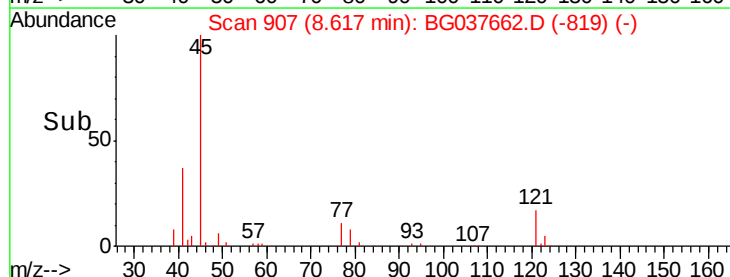
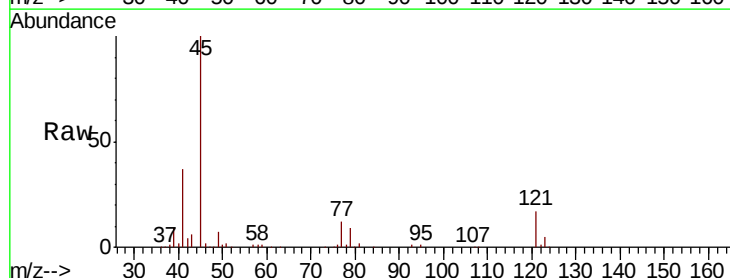
Tgt Ion: 45 Resp: 243405

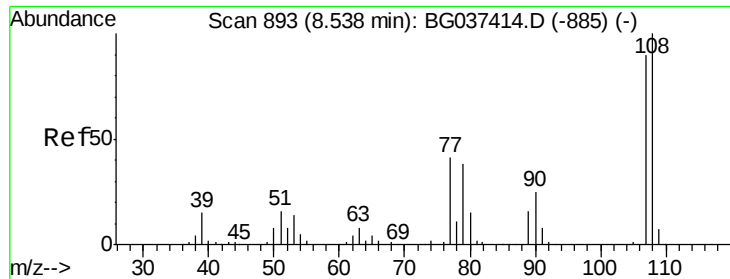
Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.0

79 8.7 0.0 29.0

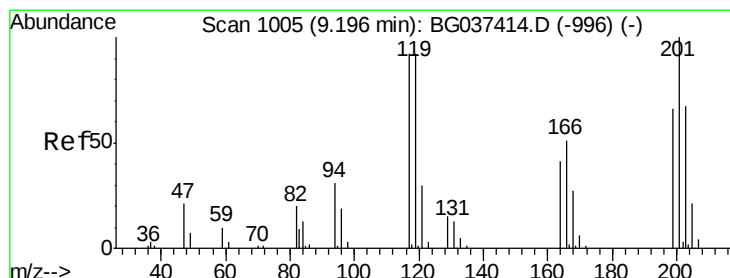
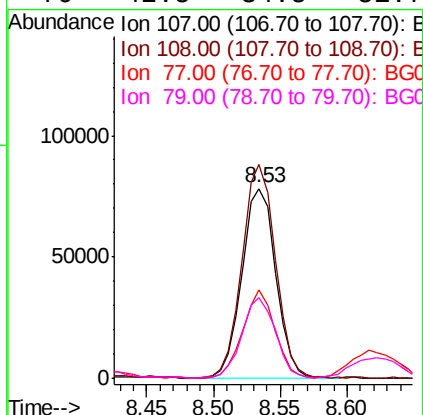
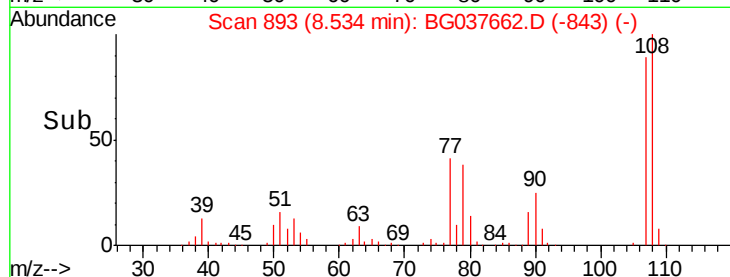
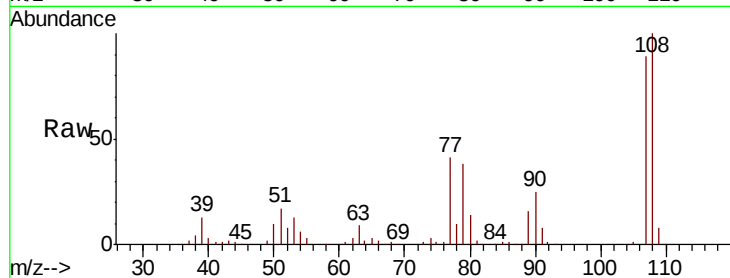




#17
2-Methylphenol
Concen: 43.073 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

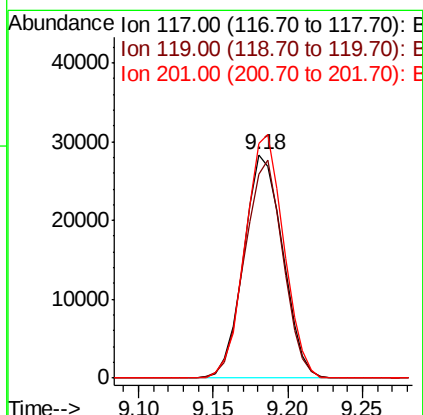
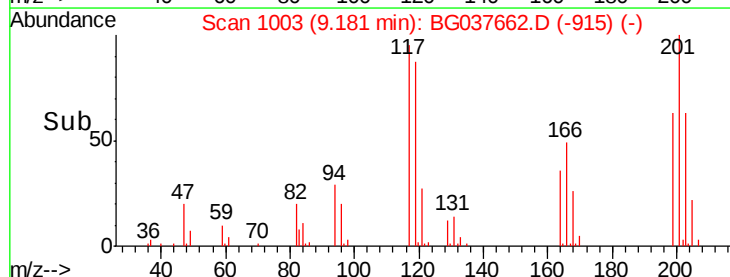
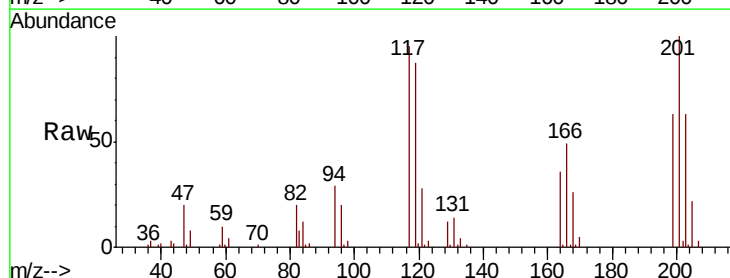
Instrument :
BNA_G
ClientSampleId :
PB114303BS

Tgt Ion:	107	Resp:	136171
Ion	Ratio	Lower	Upper
107	100		
108	112.7	87.9	131.9
77	46.5	35.1	52.7
79	42.5	34.5	51.7



#18
Hexachloroethane
Concen: 37.667 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:	117	Resp:	51274
Ion	Ratio	Lower	Upper
117	100		
119	91.4	74.6	111.8
201	105.1	80.8	121.2

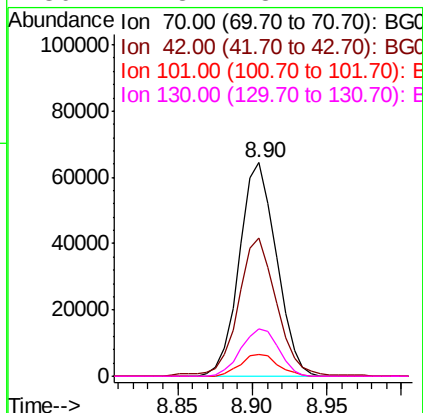
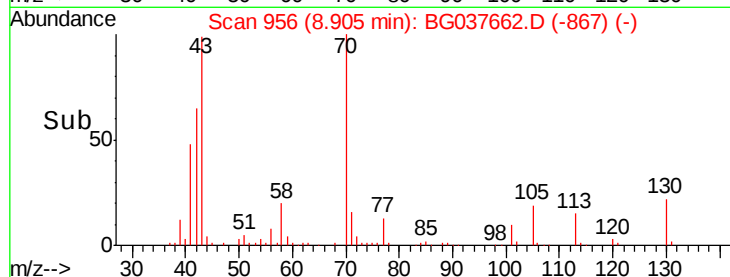
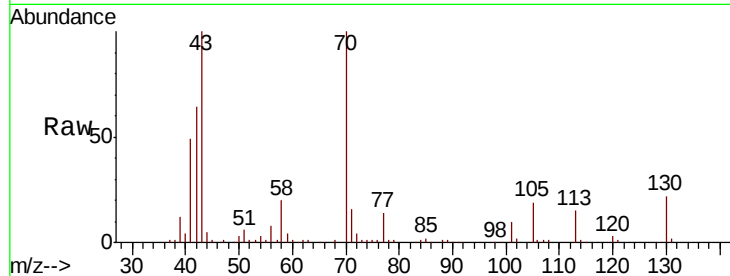




#19
n-Nitroso-di-n-propylamine
Concen: 35.639 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

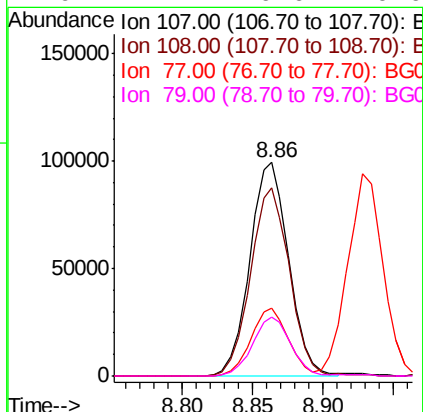
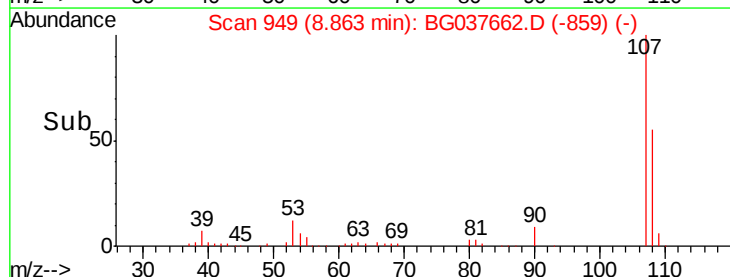
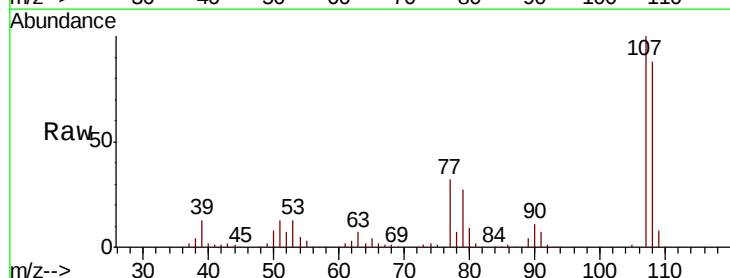
Instrument :
BNA_G
ClientSampleId :
PB114303BS

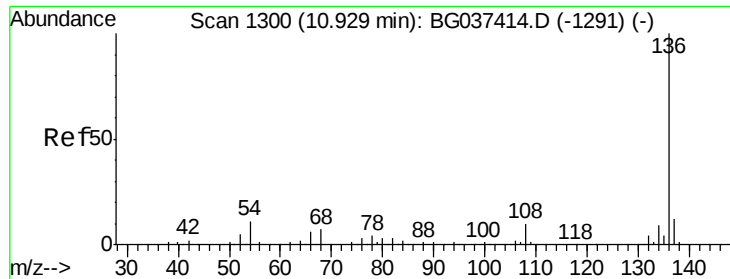
Tgt Ion:	70	Resp:	111227
Ion	Ratio	Lower	Upper
70	100		
42	64.6	53.9	80.9
101	10.5	8.2	12.2
130	22.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.267 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:	107	Resp:	191046
Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.9	109.9
77	31.8	11.2	51.2
79	27.4	6.6	46.6

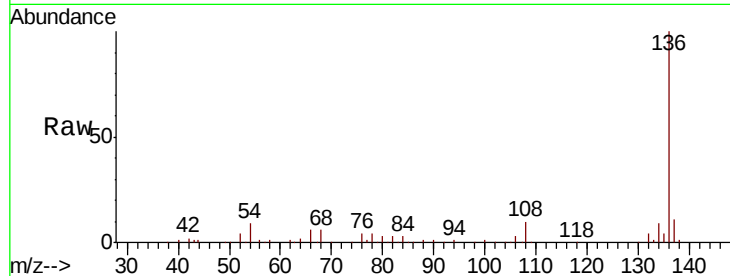




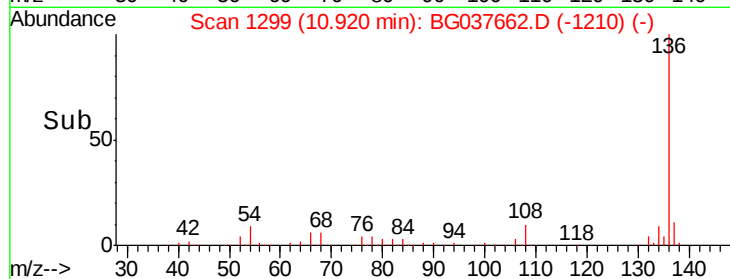
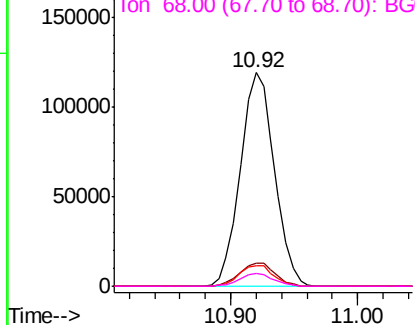
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Instrument :
BNA_G
ClientSampleId :
PB114303BS

Tgt Ion:	136	Resp:	222690
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.4	7.9	11.9
68	6.3	4.8	7.2

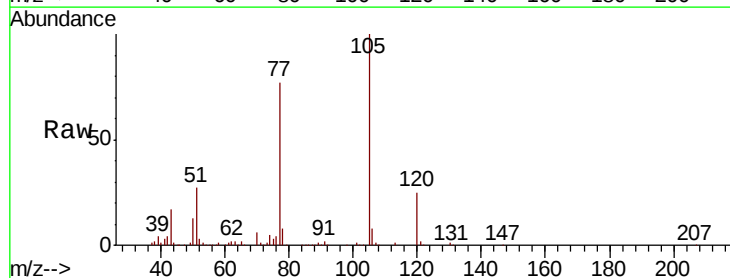


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

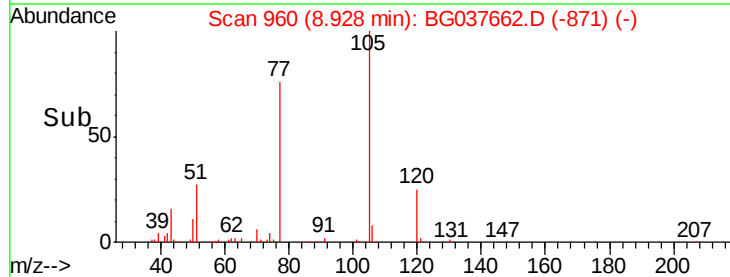
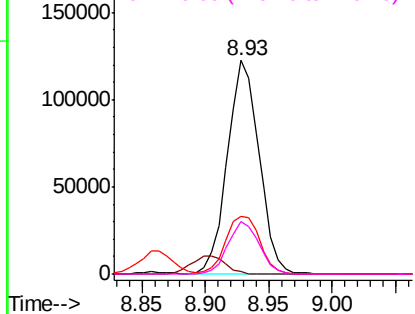


#22
Acetophenone
Concen: 37.868 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:	105	Resp:	211493
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	27.2	25.0	37.6
120	24.6	18.6	28.0



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

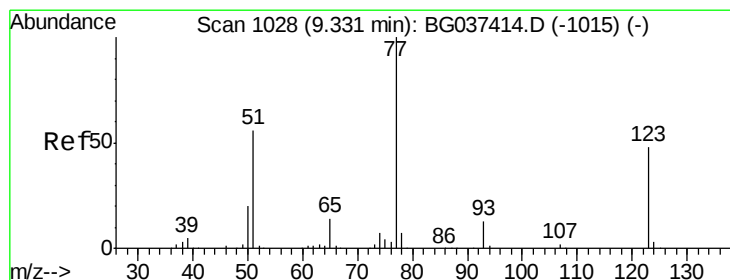
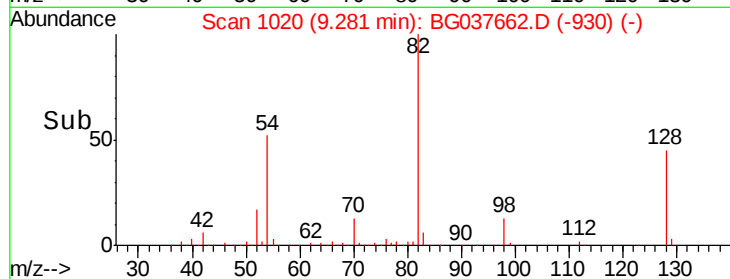
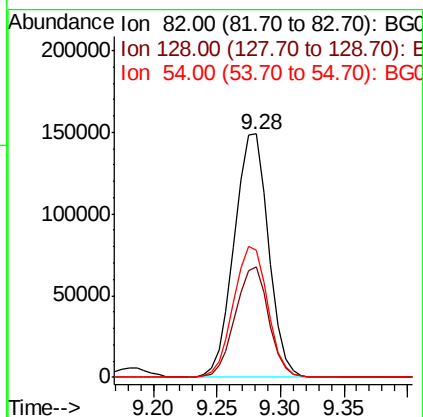
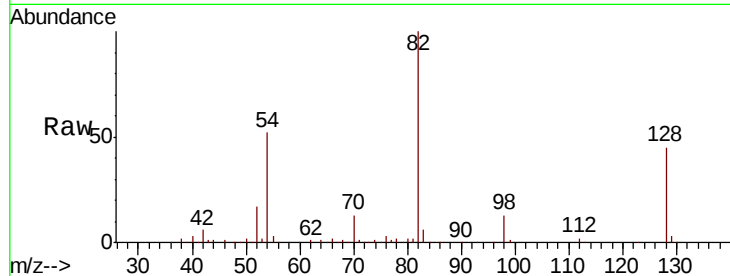




#23
 Nitrobenzene-d5
 Concen: 70.460 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

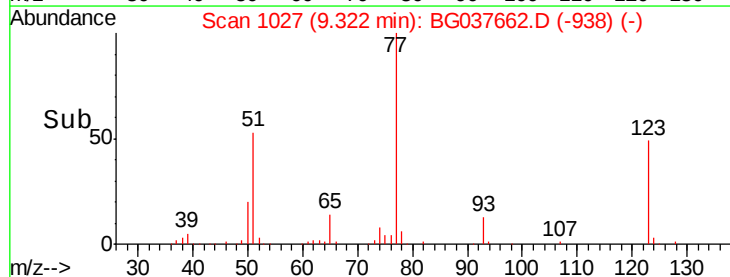
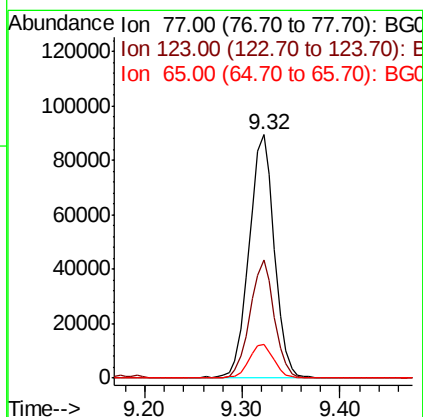
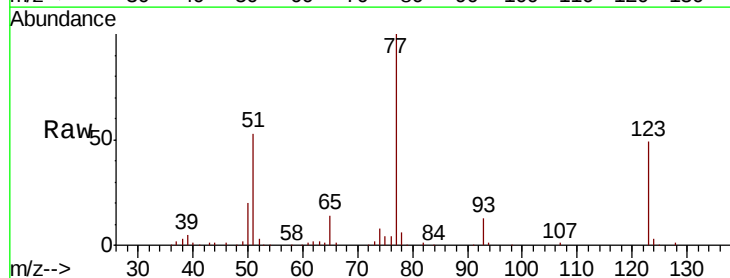
Instrument :
 BNA_G
 ClientSampleID :
 PB114303BS

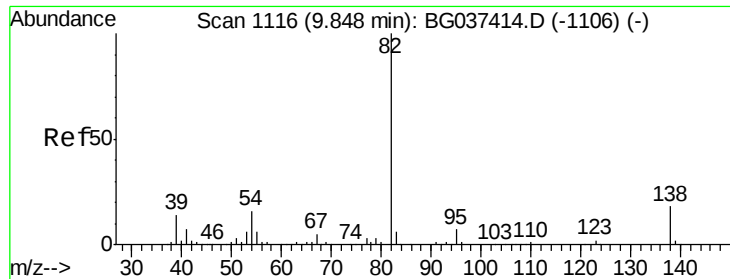
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	52.2	45.3	67.9



#24
 Nitrobenzene
 Concen: 39.513 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	33.6	50.4
65	13.8	11.3	16.9

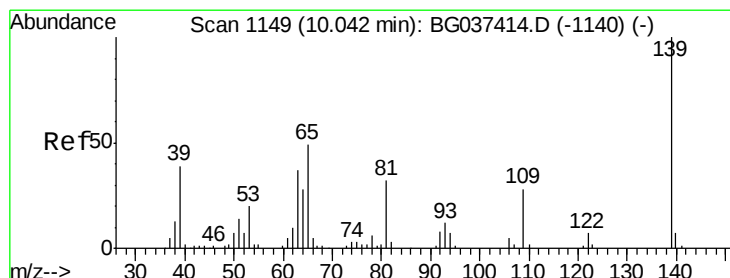
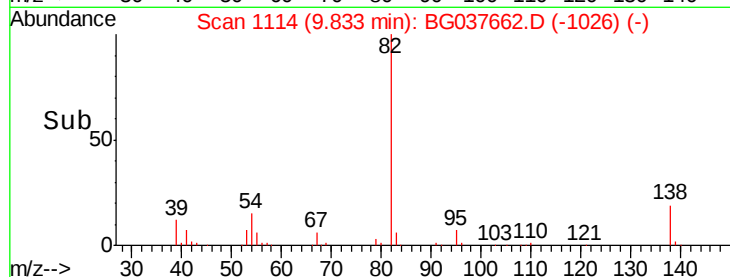
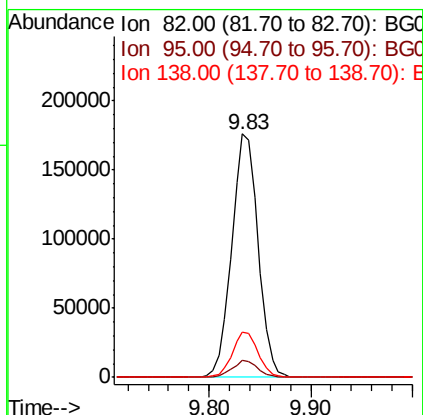
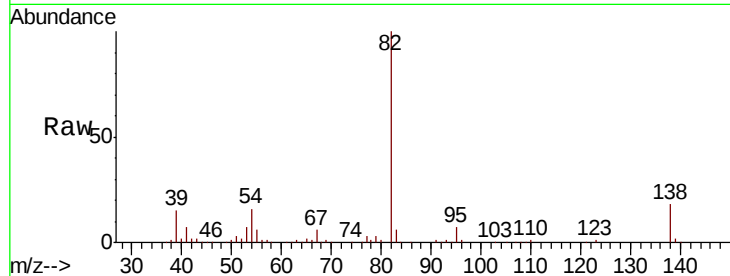




#25
Isophorone
Concen: 43.651 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

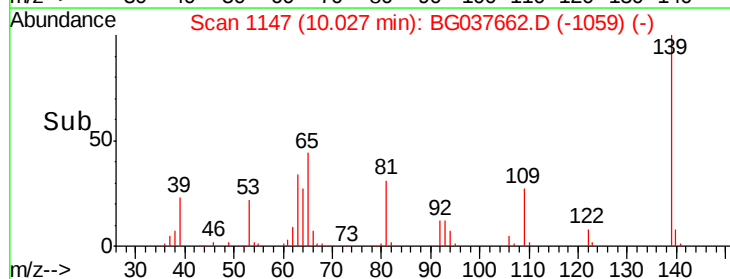
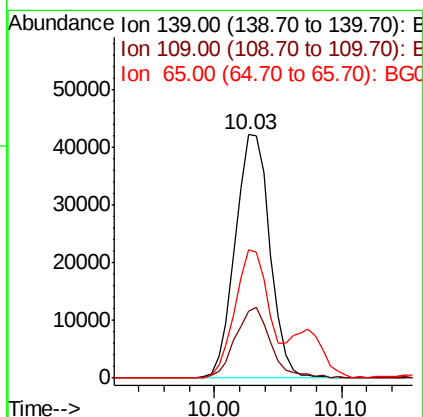
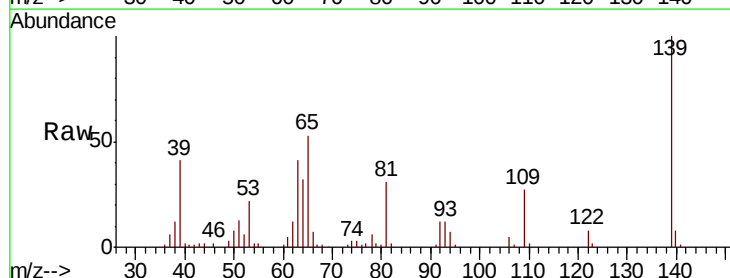
Instrument :
BNA_G
ClientSampleId :
PB114303BS

Tgt Ion: 82 Resp: 317056
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.4 13.3 19.9



#26
2-Nitrophenol
Concen: 43.084 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion: 139 Resp: 80154
Ion Ratio Lower Upper
139 100
109 27.3 23.3 34.9
65 52.6 39.8 59.8

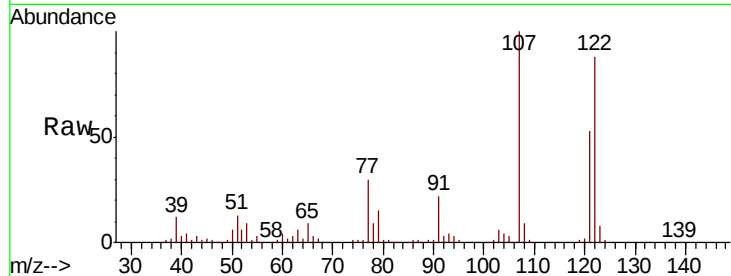




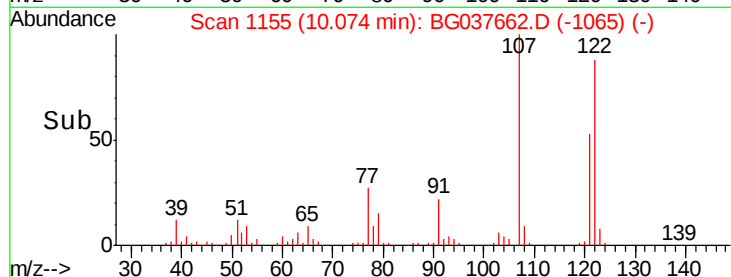
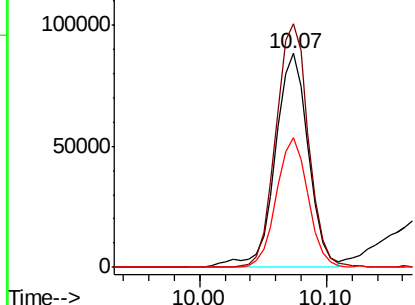
#27
 2,4-Dimethylphenol
 Concen: 48.412 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.9	94.2	141.2
121	60.4	47.3	70.9

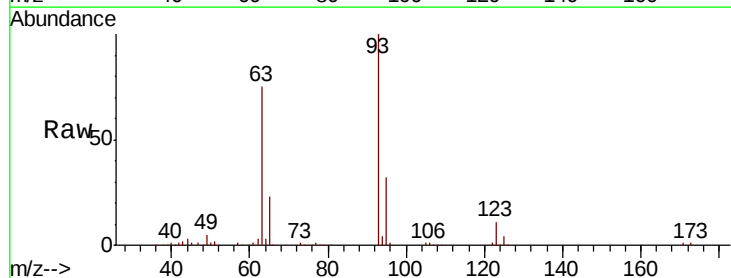


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

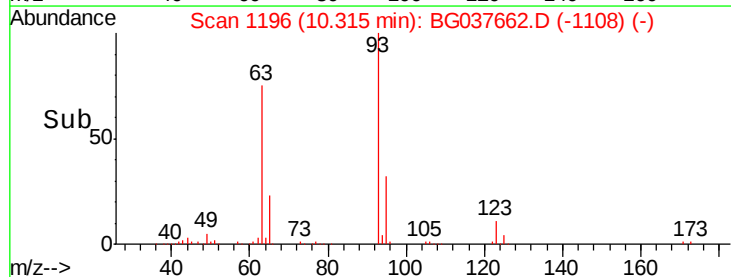
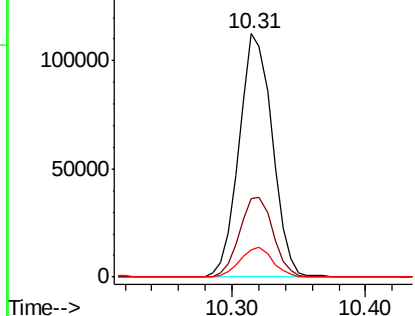


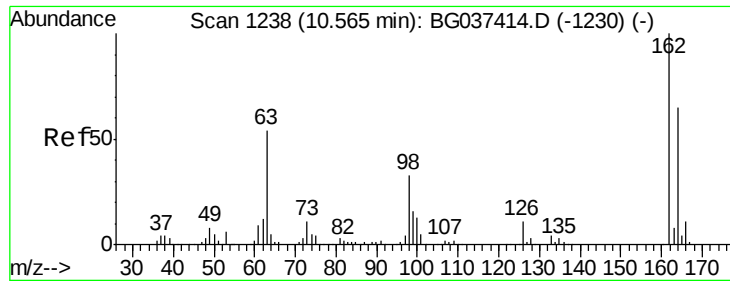
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.770 ng
 RT: 10.31 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	24.6	37.0
123	11.2	9.1	13.7



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

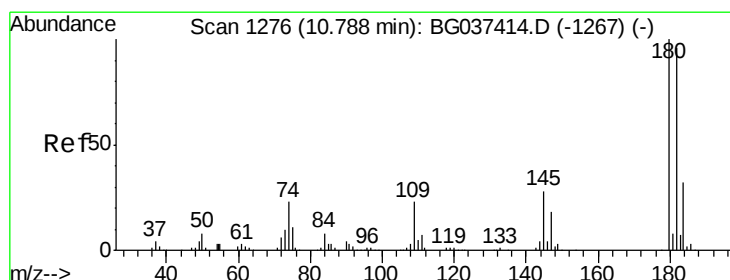
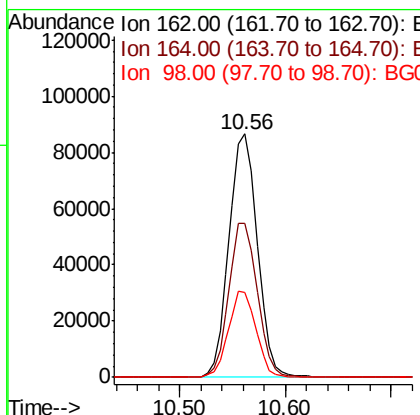
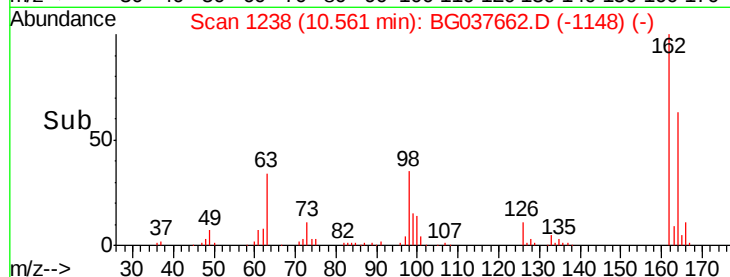
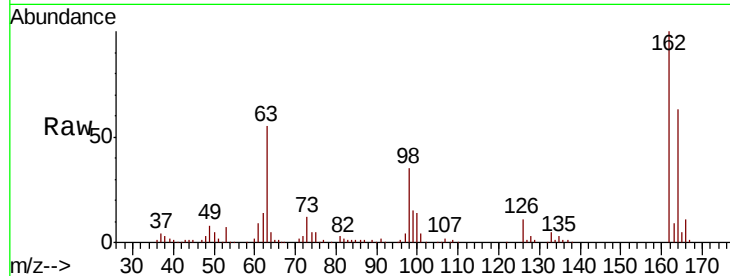




#29
 2,4-Dichlorophenol
 Concen: 43.459 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

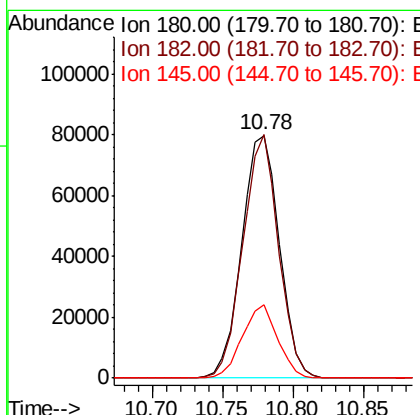
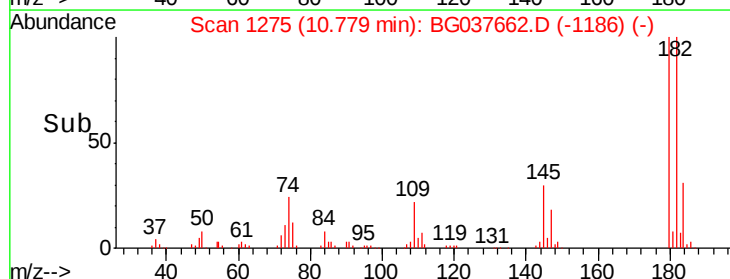
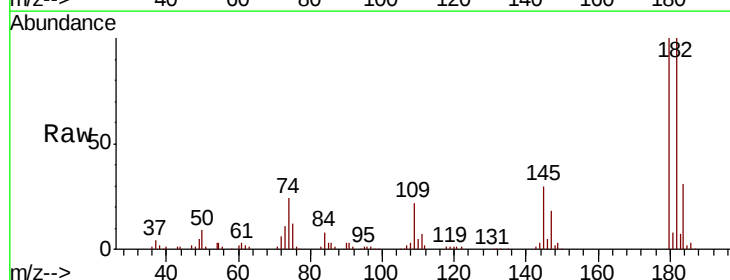
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

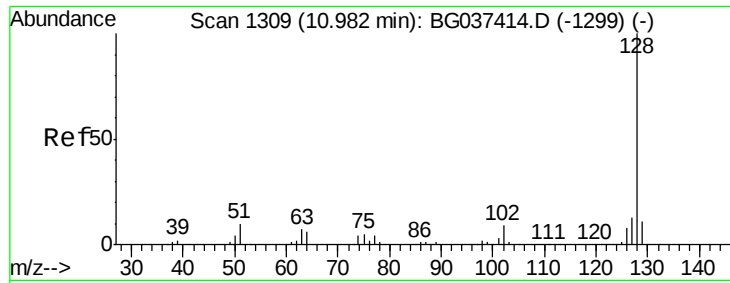
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.2	83.2
98	34.8	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.976 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	77.7	116.5
145	30.1	23.3	34.9

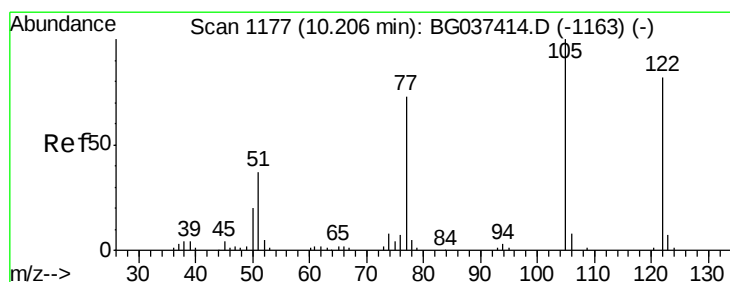
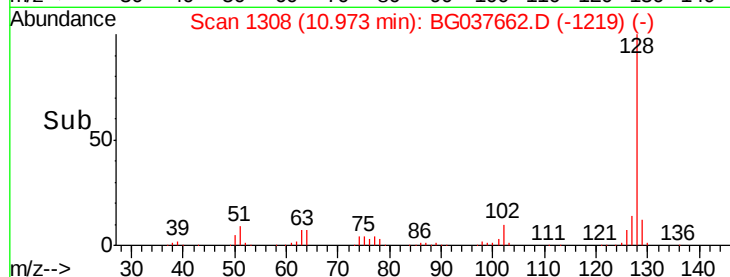
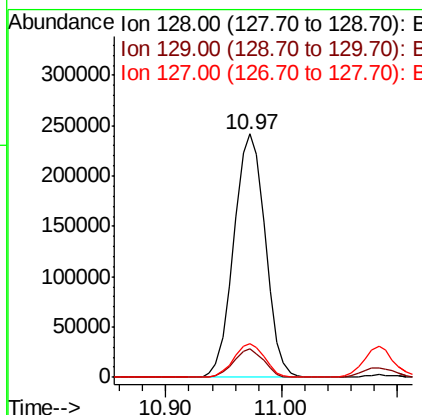
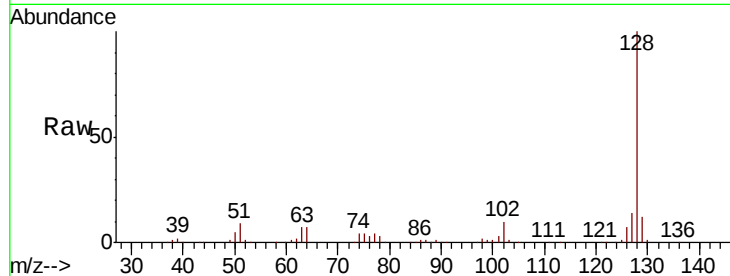




#31
Naphthalene
Concen: 41.559 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

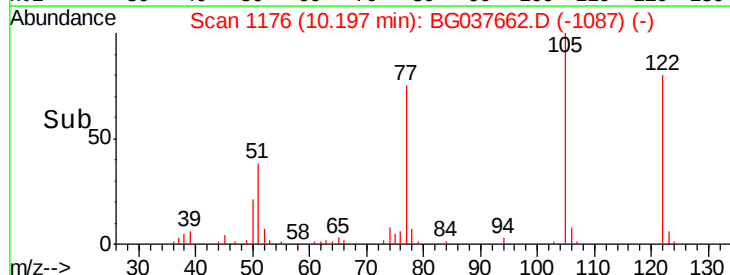
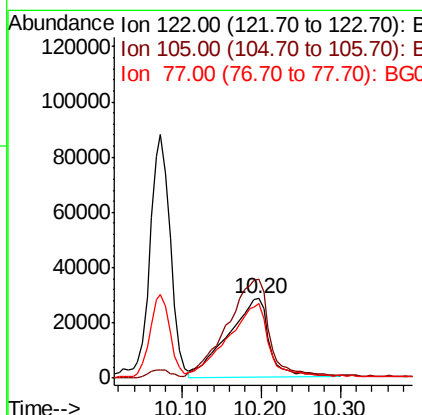
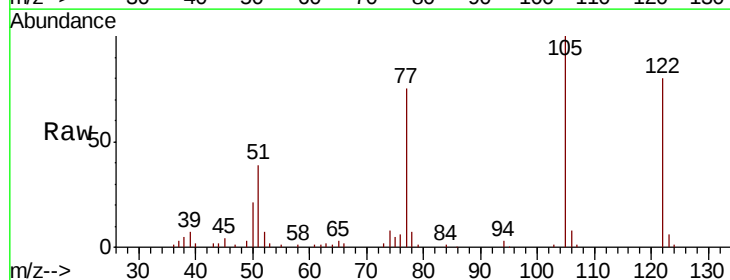
Instrument :
BNA_G
ClientSampleId :
PB114303BS

Tgt Ion:128 Resp: 454569
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 47.045 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:122 Resp: 101498
Ion Ratio Lower Upper
122 100
105 124.4 106.7 146.7
77 93.2 72.2 112.2

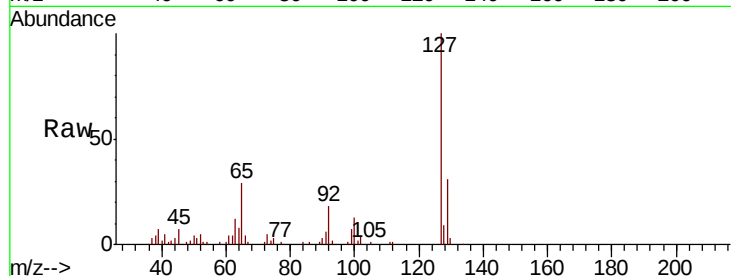




#33
4-Chloroaniline
Concen: 11.133 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Instrument :
BNA_G
ClientSampleId :
PB114303BS

Tgt Ion:	127	Resp:	57214
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.1	40.7
65	28.7	26.6	39.8
92	18.1	16.4	24.6



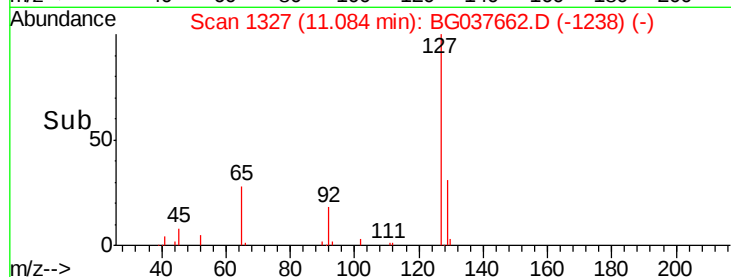
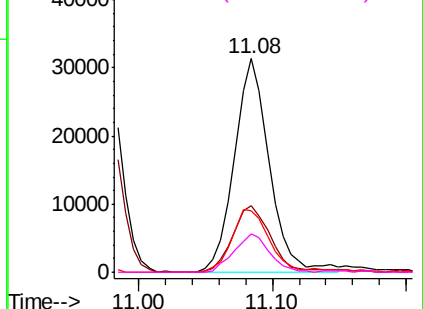
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

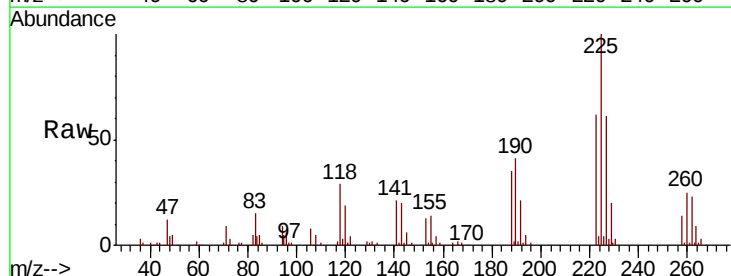
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.803 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:	225	Resp:	85343
Ion	Ratio	Lower	Upper
225	100		
223	59.3	48.2	72.4
227	61.6	51.6	77.4

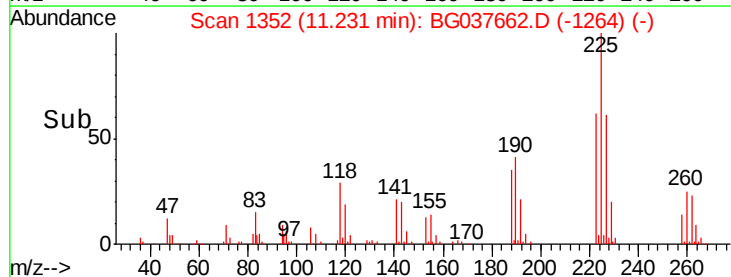
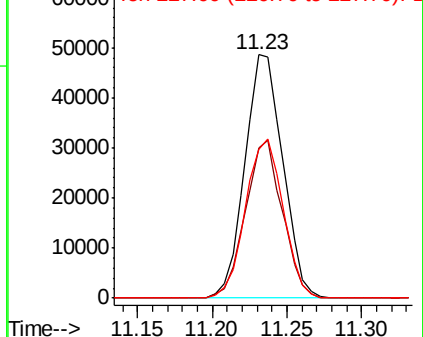


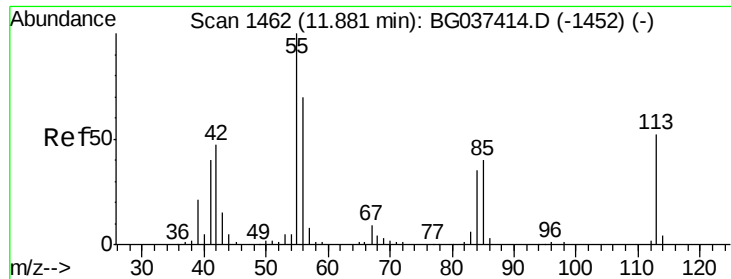
Abundance

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

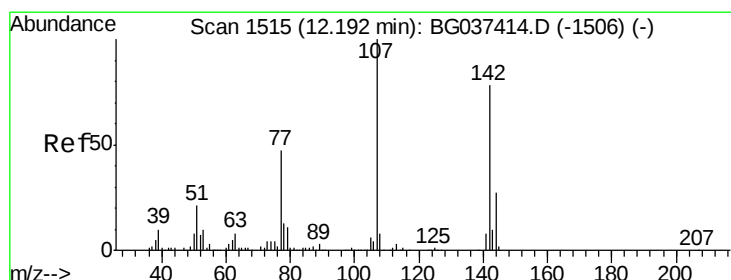
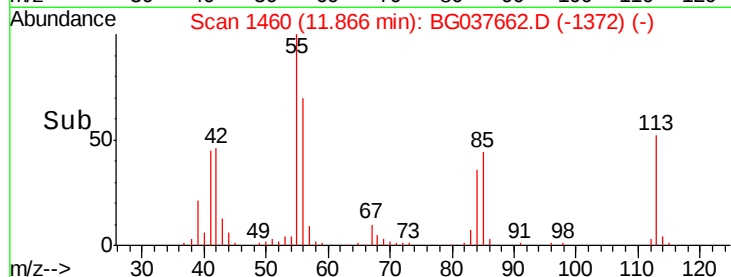
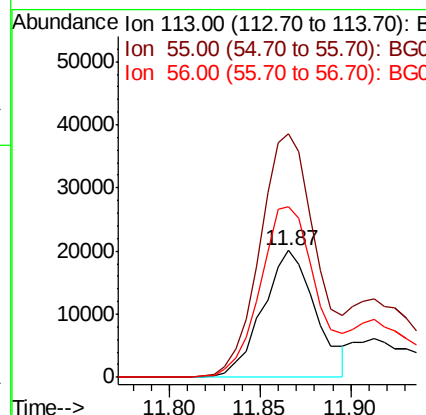
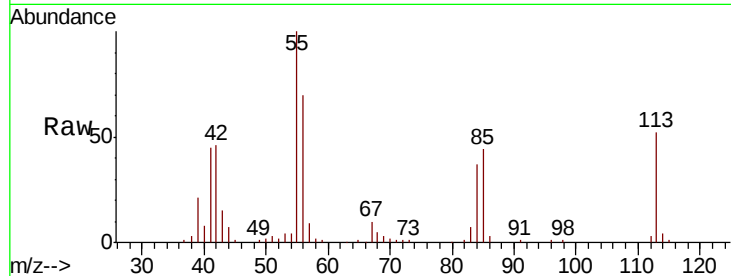




#35
 Caprolactam
 Concen: 27.611 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

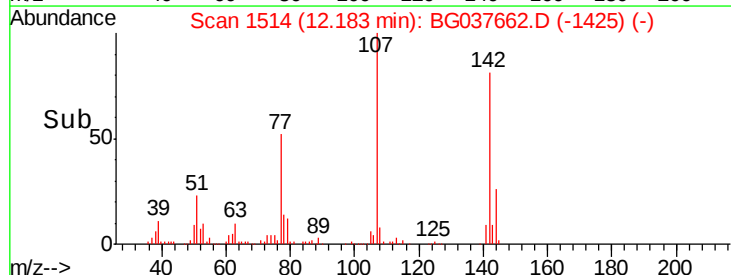
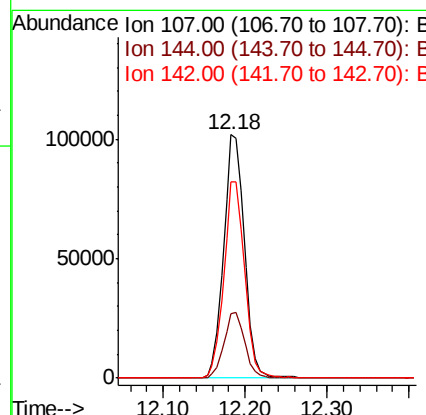
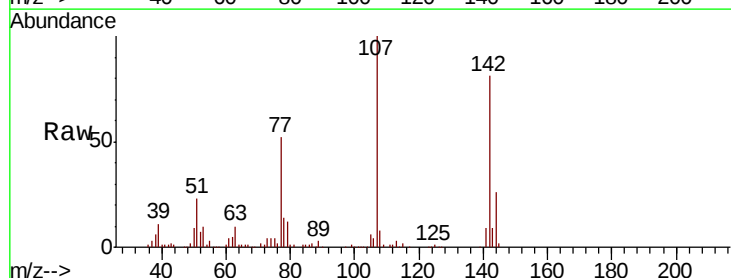
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

Tgt Ion:113 Resp: 40955
 Ion Ratio Lower Upper
 113 100
 55 191.6 176.6 216.6
 56 134.5 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.350 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion:107 Resp: 180811
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.7 31.1
 142 80.5 64.4 96.6

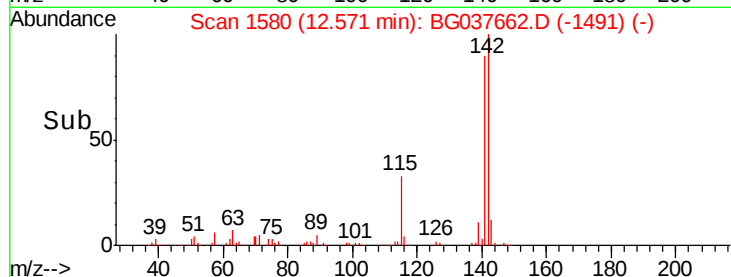
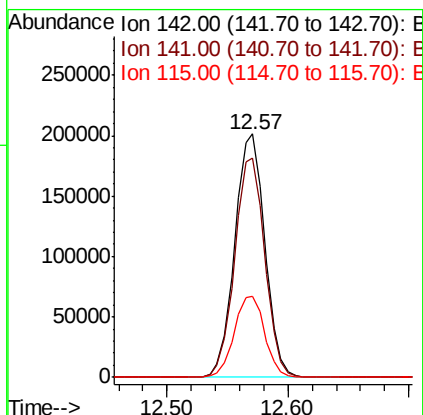
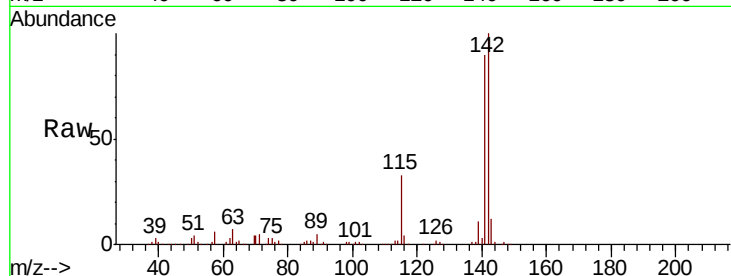




#37
2-Methylnaphthalene
Concen: 43.763 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

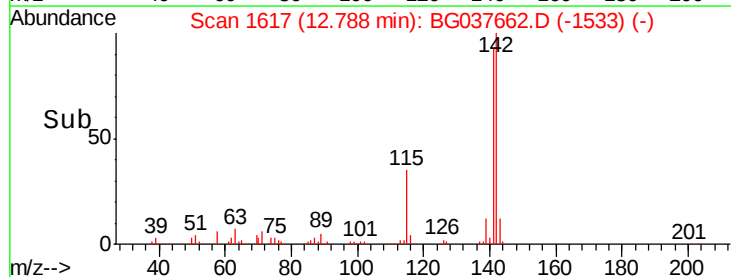
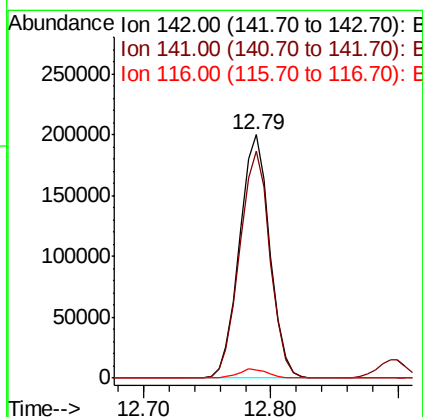
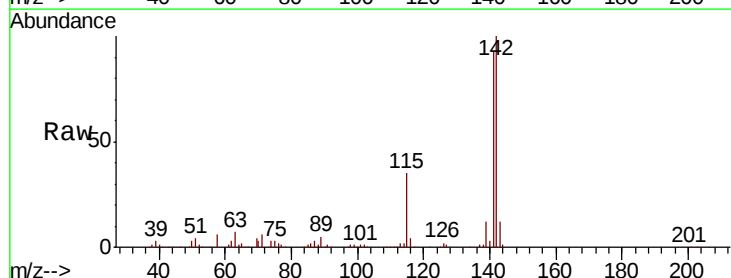
Instrument :
BNA_G
ClientSampleId :
PB114303BS

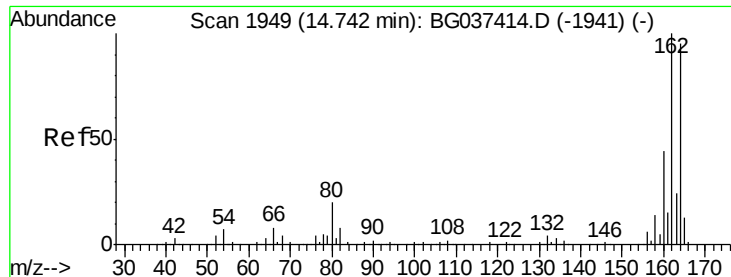
Tgt Ion:142 Resp: 348940
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 33.4 27.8 41.8



#38
1-Methylnaphthalene
Concen: 42.692 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:142 Resp: 330572
Ion Ratio Lower Upper
142 100
141 93.4 75.2 112.8
116 3.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

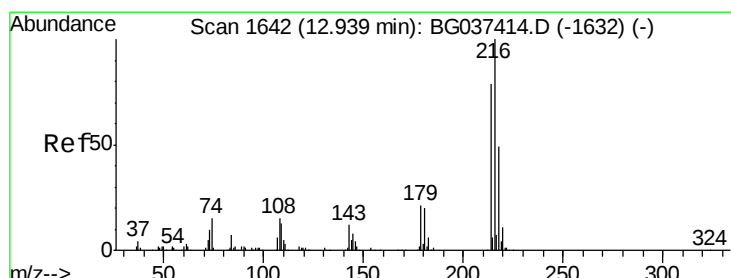
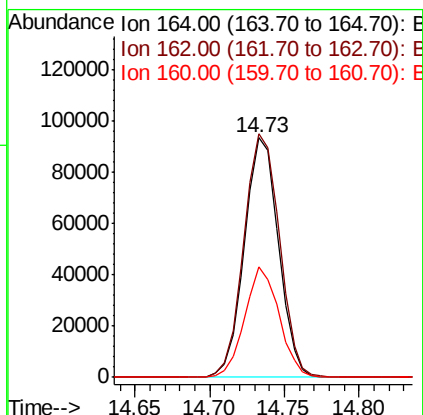
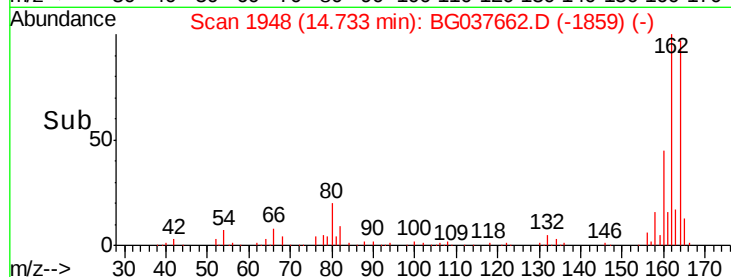
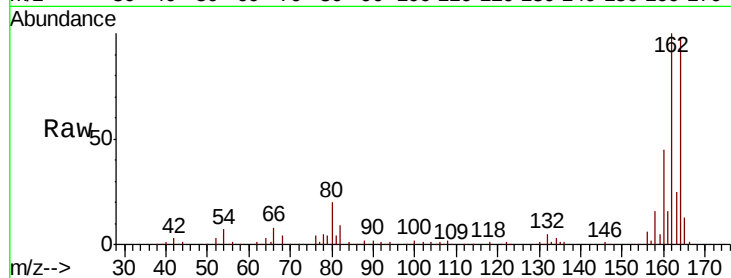
Tgt Ion:164 Resp: 147811

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 46.0 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.430 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Tgt Ion:216 Resp: 173689

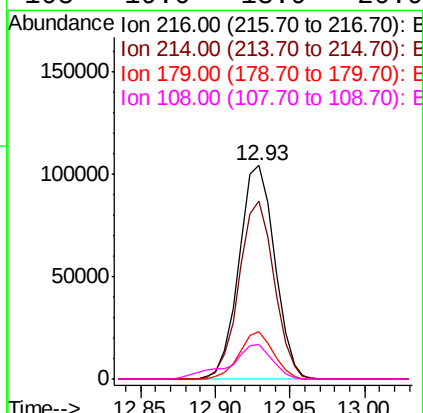
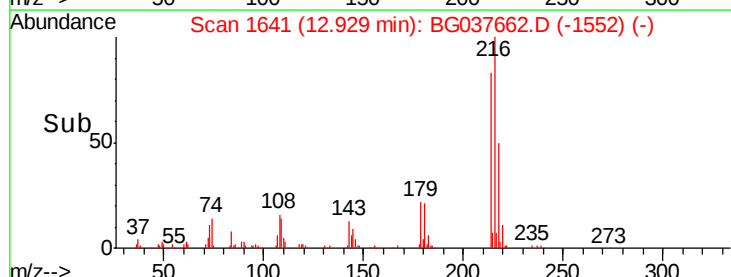
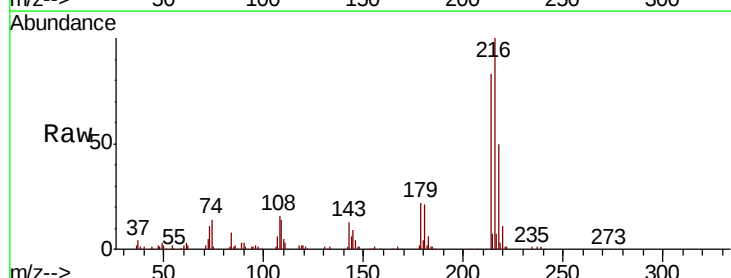
Ion Ratio Lower Upper

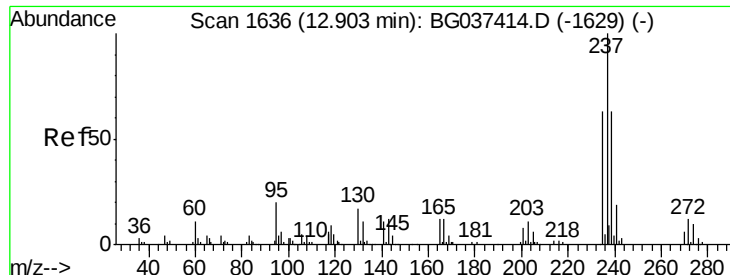
216 100

214 81.8 63.8 95.6

179 21.2 17.4 26.0

108 19.0 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 94.789 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

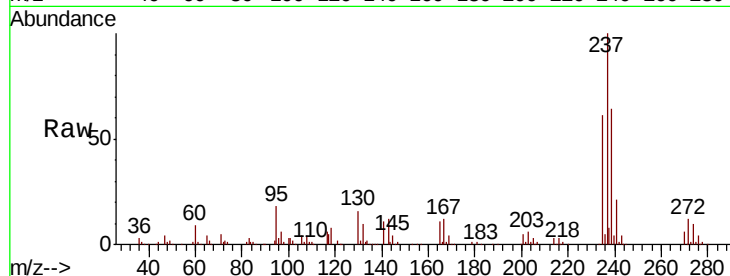
Tgt Ion: 237 Resp: 215874

Ion Ratio Lower Upper

237 100

235 61.0 42.5 82.5

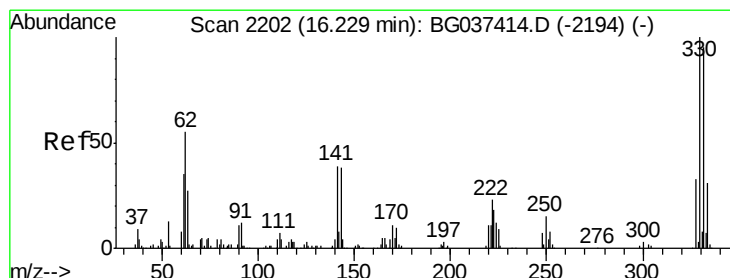
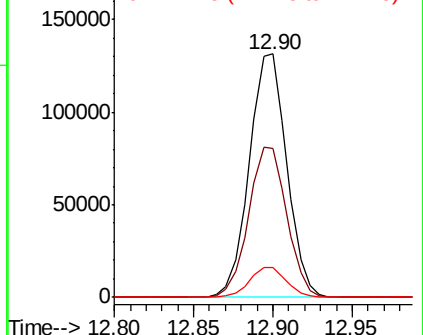
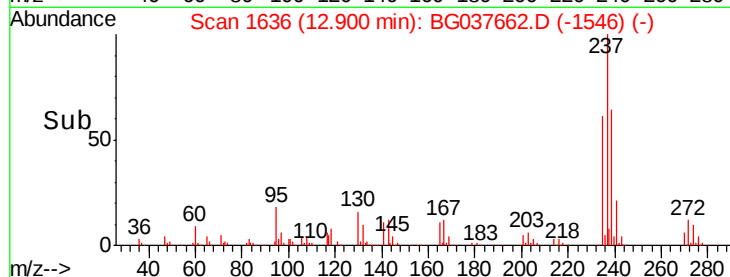
272 12.4 0.0 31.6



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: 111.030 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

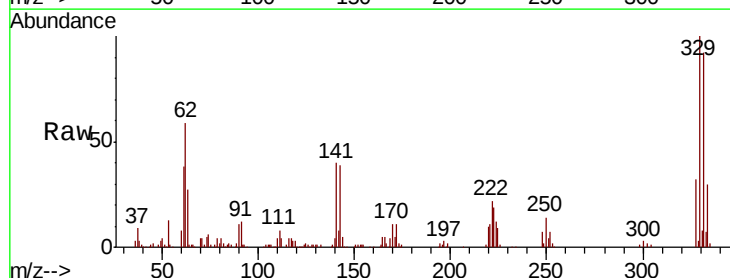
Tgt Ion: 330 Resp: 178998

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

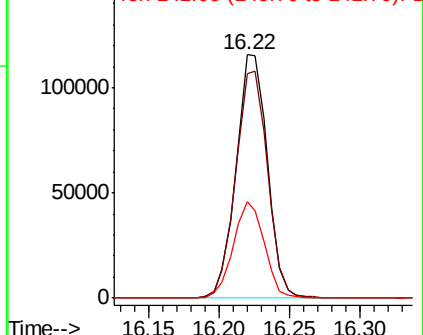
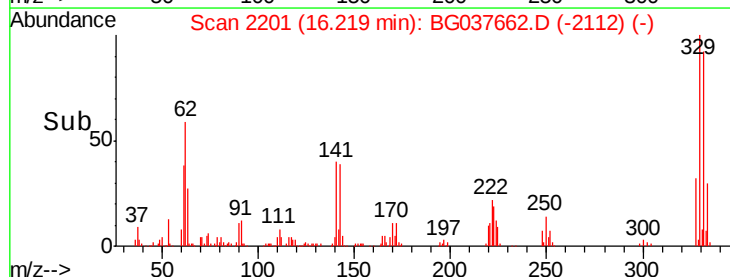
141 39.2 32.2 48.2

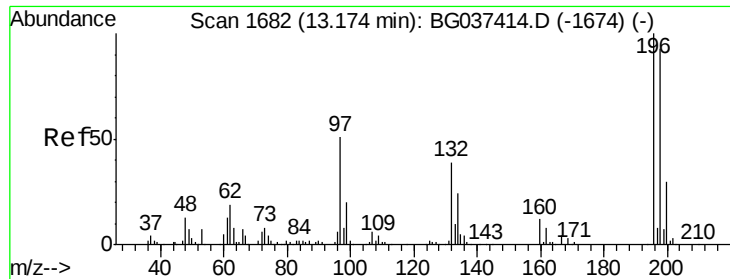


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

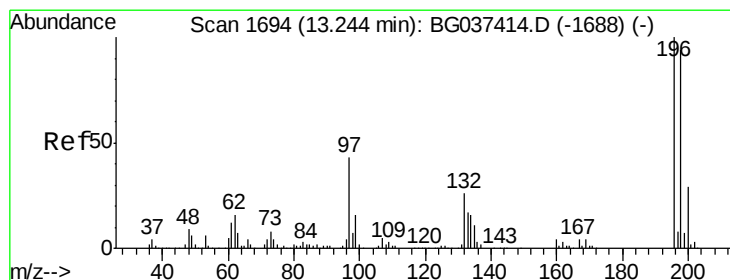
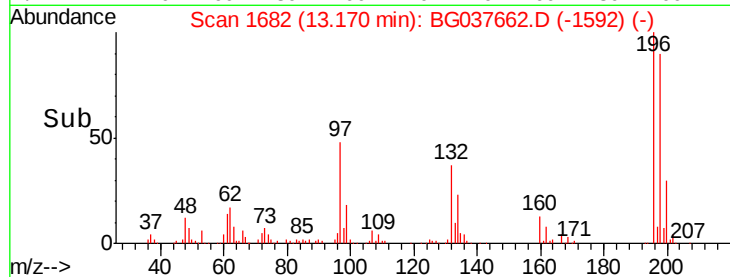
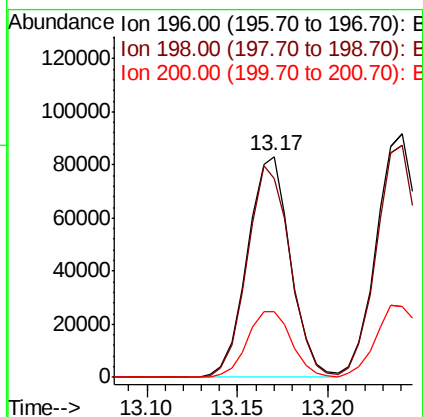
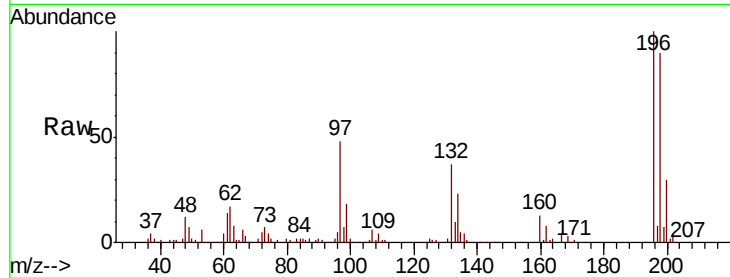




#43
 2,4,6-Trichlorophenol
 Concen: 43.314 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

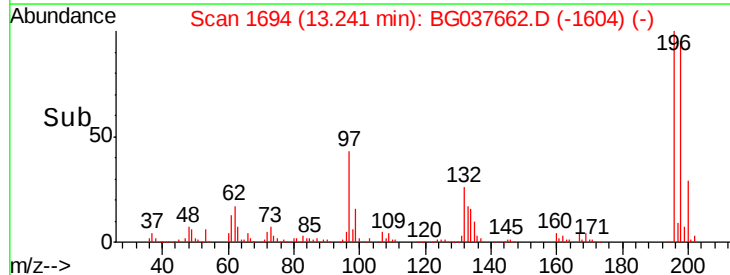
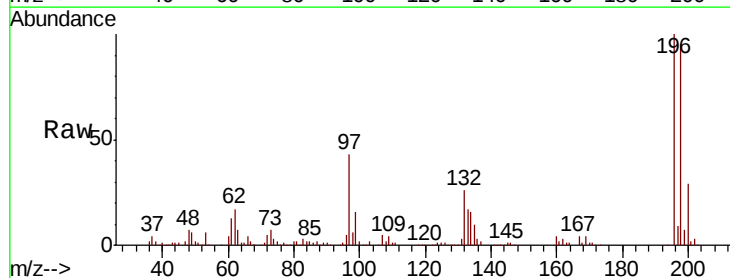
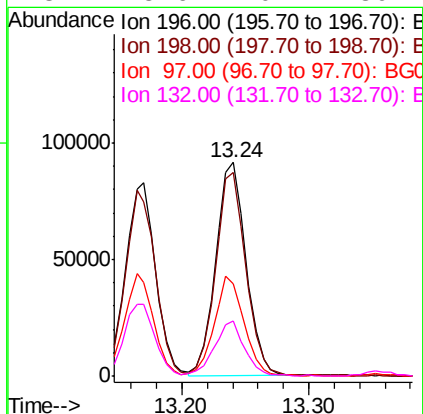
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

Tgt Ion:196 Resp: 137966
 Ion Ratio Lower Upper
 196 100
 198 89.9 76.4 114.6
 200 29.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.768 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion:196 Resp: 151788
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.2 111.2
 97 42.9 34.1 51.1
 132 25.6 20.2 30.4

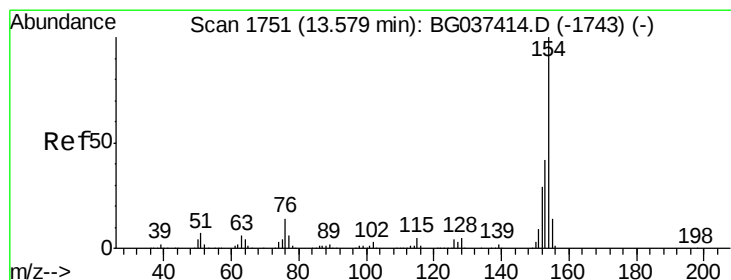
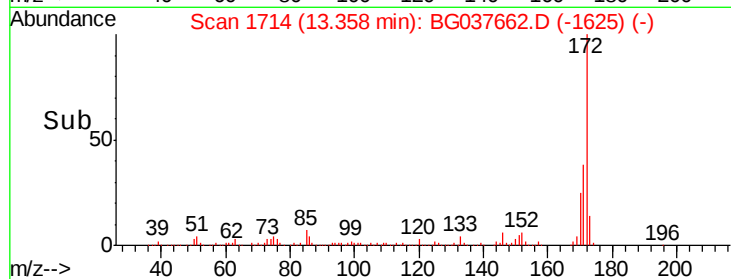
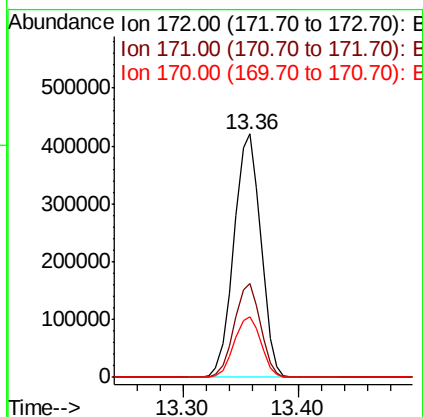
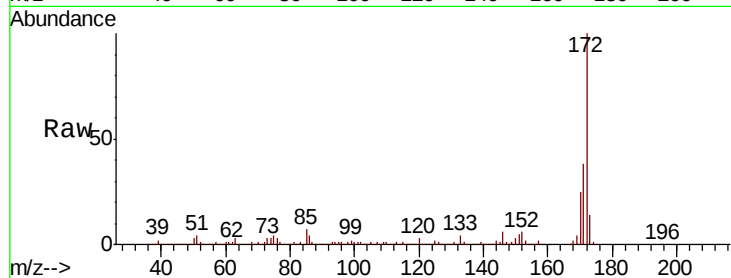




#45
 2-Fluorobiphenyl
 Concen: 69.091 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

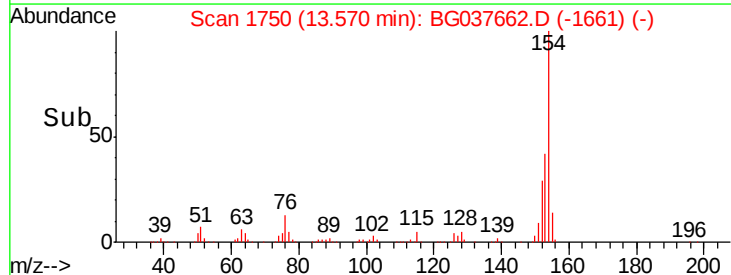
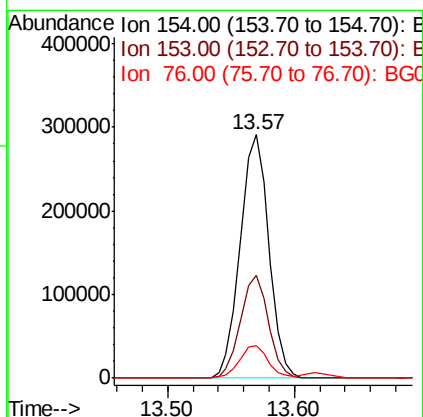
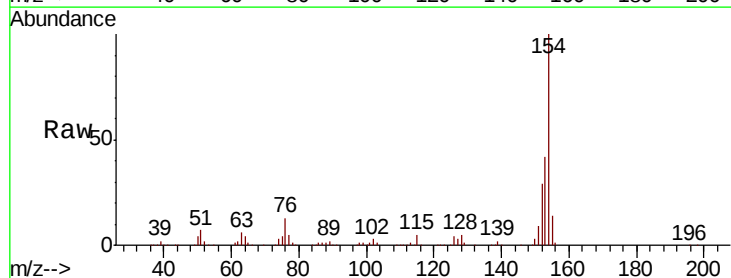
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

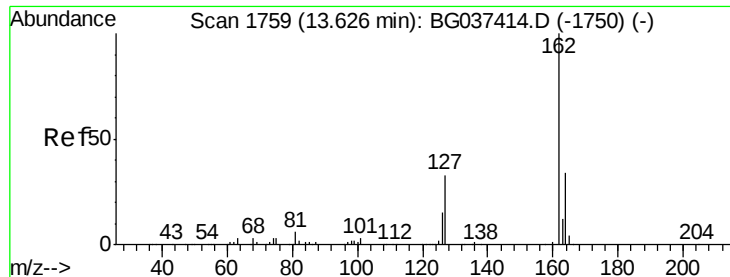
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	24.8	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 37.188 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	13.4	0.0	33.2

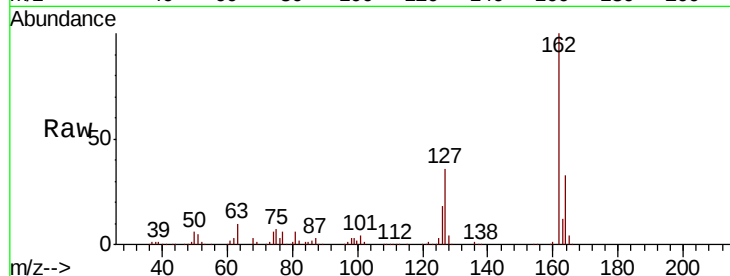




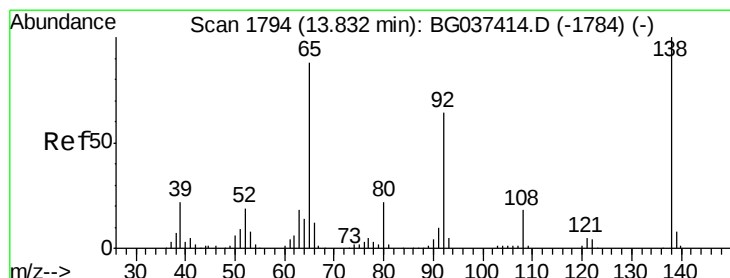
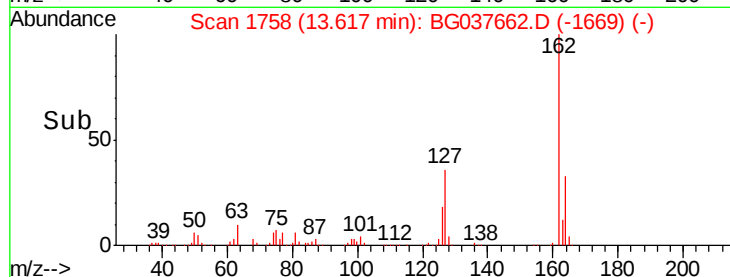
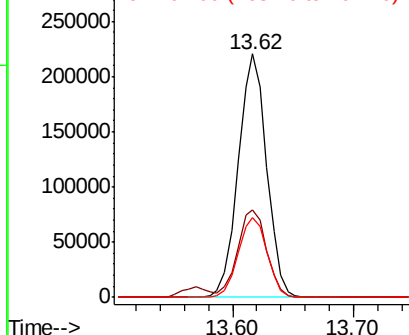
#47
 2-Chloronaphthalene
 Concen: 38.856 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

Tgt Ion: 162 Resp: 359847
 Ion Ratio Lower Upper
 162 100
 127 36.1 30.5 45.7
 164 32.6 26.4 39.6

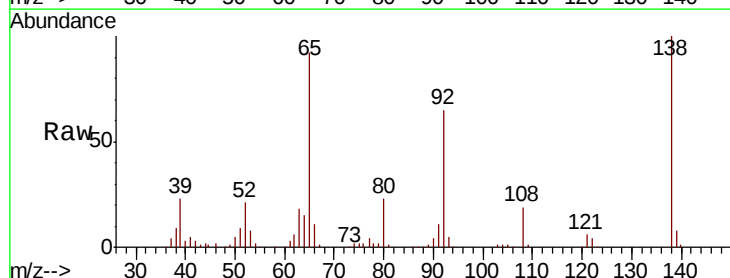


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

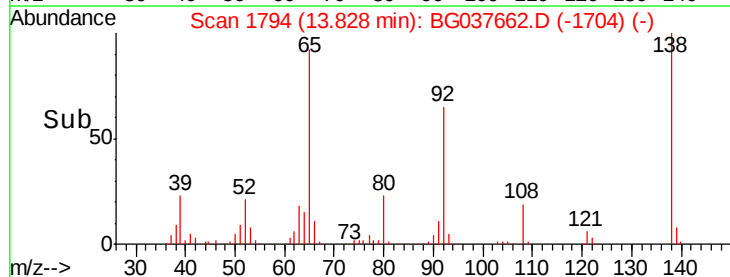
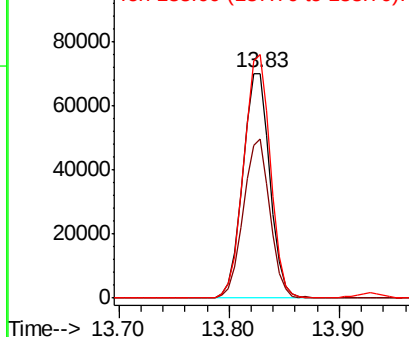


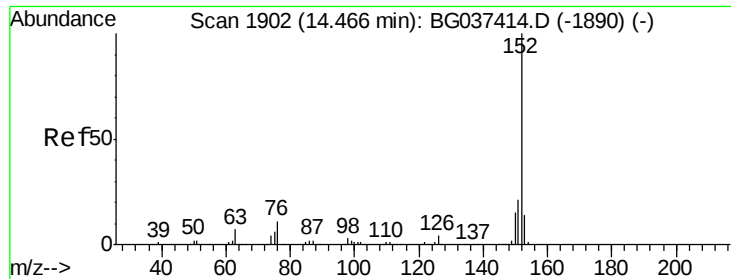
#48
 2-Nitroaniline
 Concen: 43.157 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion: 65 Resp: 121203
 Ion Ratio Lower Upper
 65 100
 92 70.9 53.2 79.8
 138 108.5 79.3 118.9



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





#49

Acenaphthylene

Concen: 43.194 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

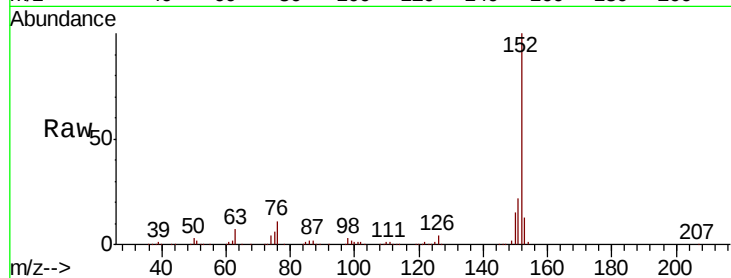
Tgt Ion:152 Resp: 601741

Ion Ratio Lower Upper

152 100

151 22.3 17.1 25.7

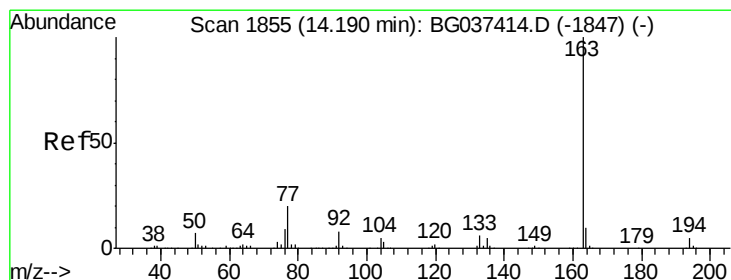
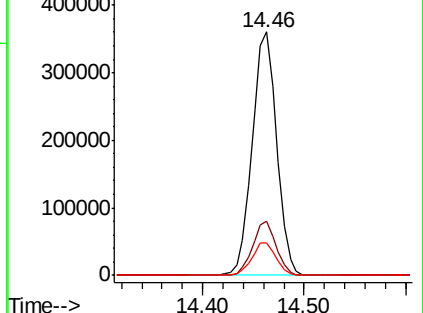
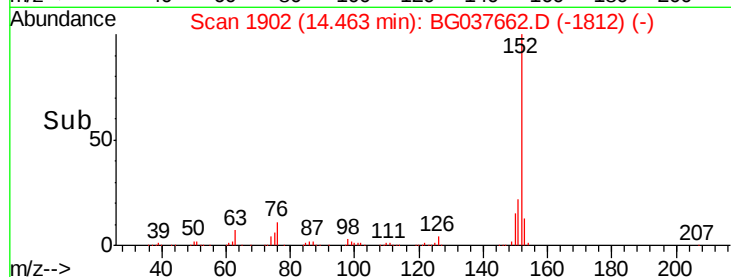
153 13.4 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.306 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

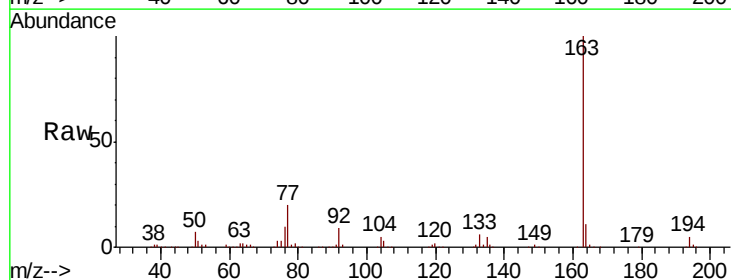
Tgt Ion:163 Resp: 472332

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

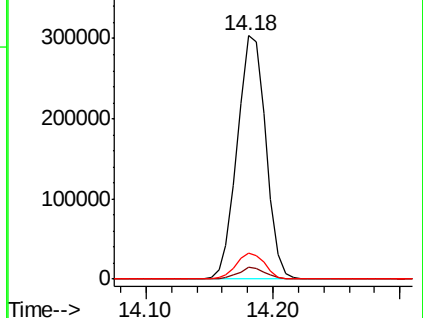
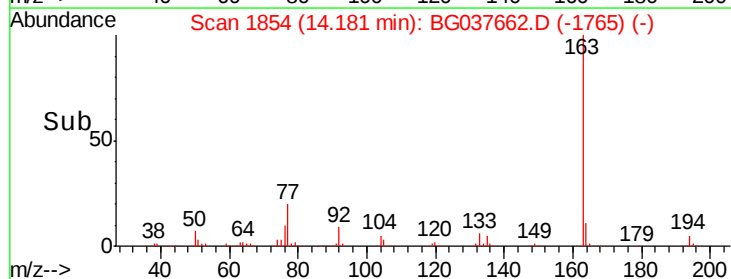
164 10.9 8.5 12.7

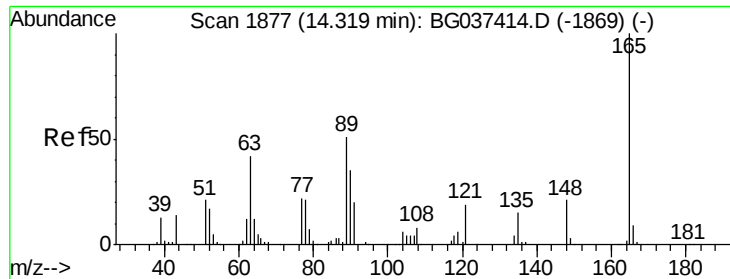


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.276 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

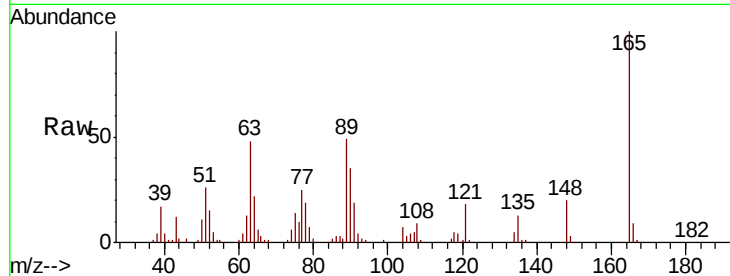
Tgt Ion:165 Resp: 109472

Ion Ratio Lower Upper

165 100

63 47.7 43.4 65.2

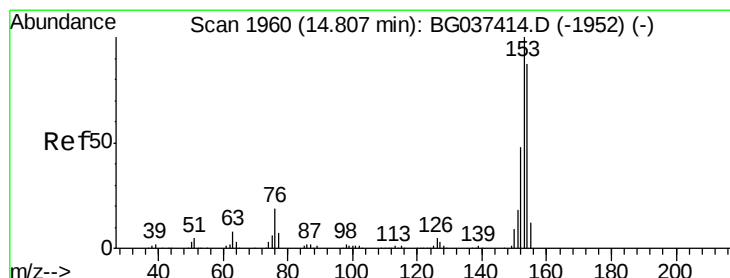
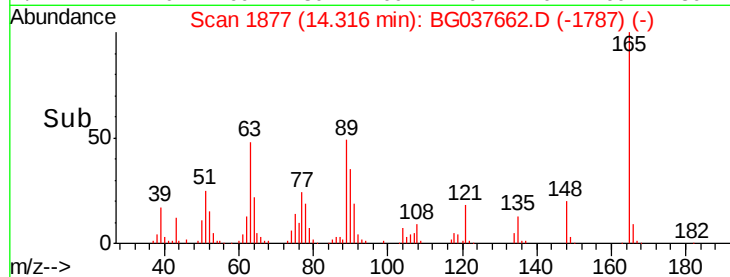
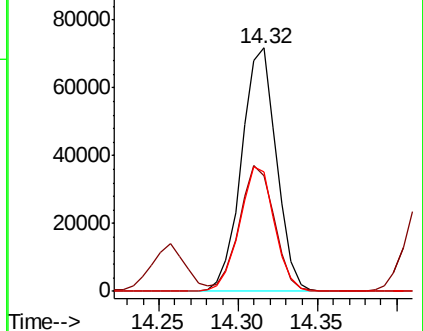
89 49.0 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.888 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

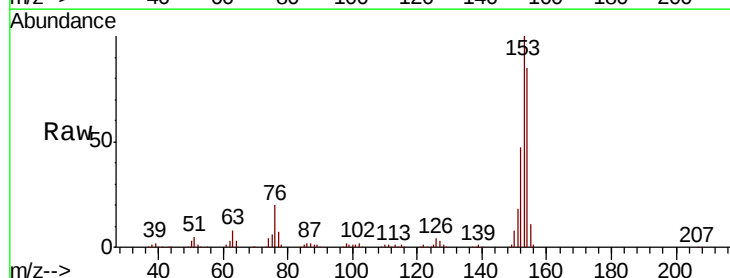
Tgt Ion:154 Resp: 350812

Ion Ratio Lower Upper

154 100

153 117.1 93.4 140.0

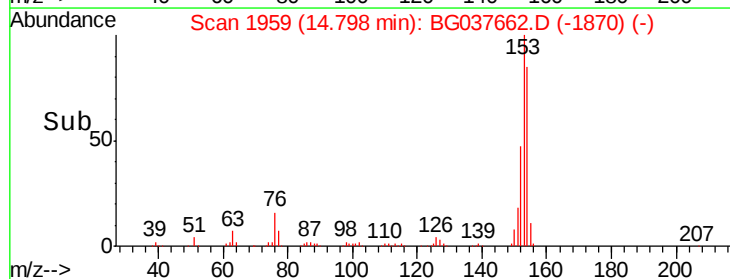
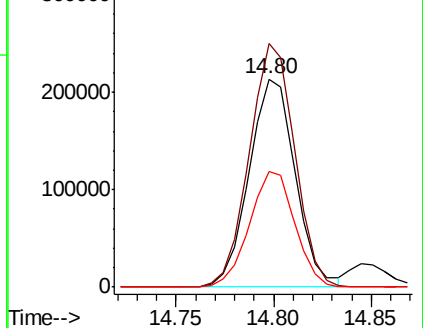
152 55.4 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.364 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

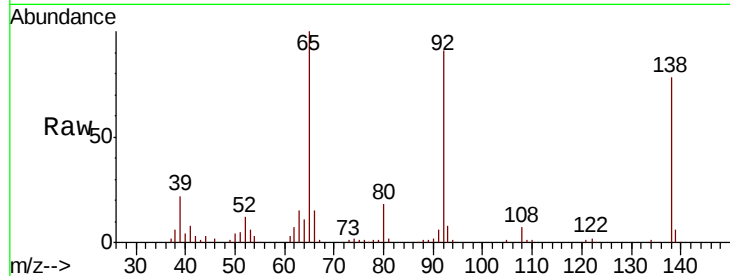
Tgt Ion:138 Resp: 62804

Ion Ratio Lower Upper

138 100

108 9.2 11.0 16.6#

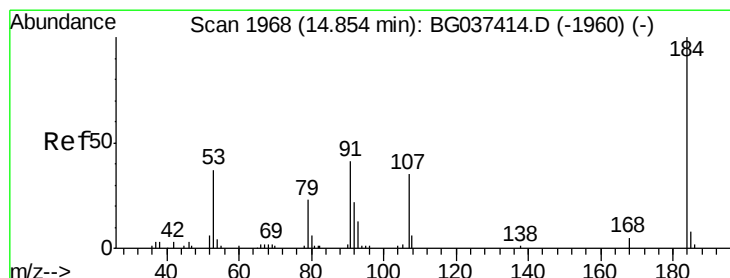
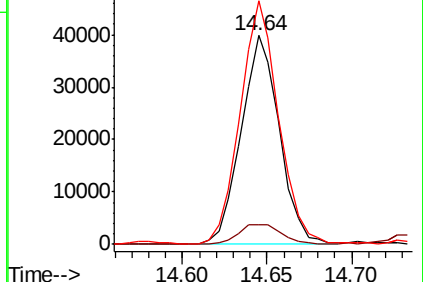
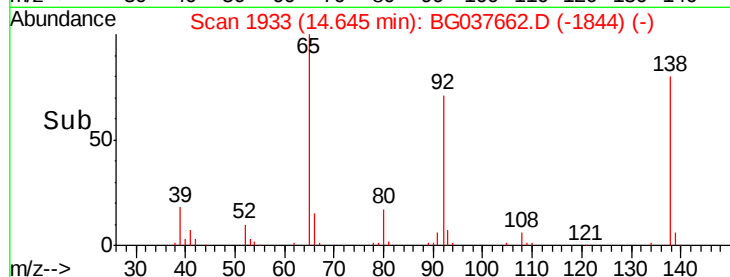
92 116.6 95.2 142.8



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: 68.362 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

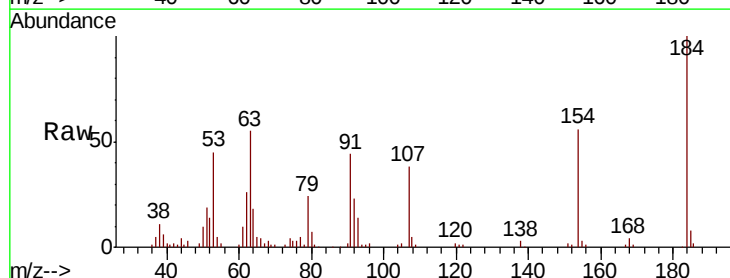
Tgt Ion:184 Resp: 69315

Ion Ratio Lower Upper

184 100

63 55.1 42.6 63.8

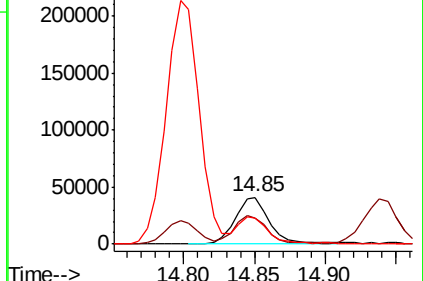
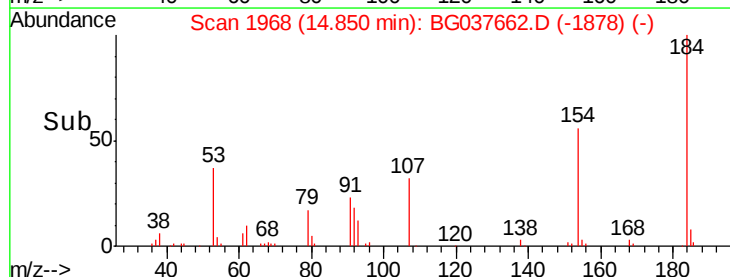
154 55.6 41.8 62.6

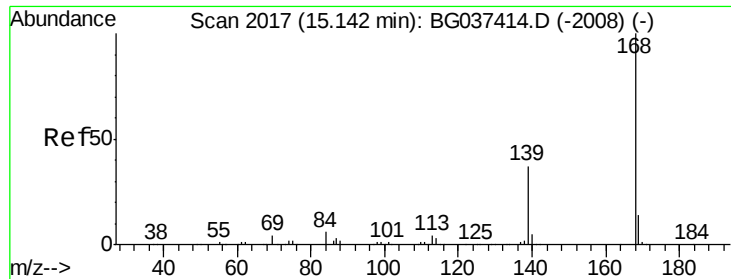


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

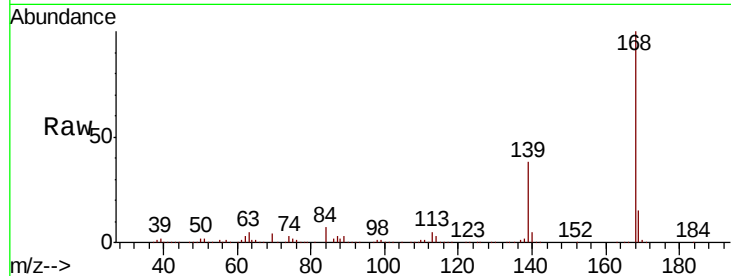




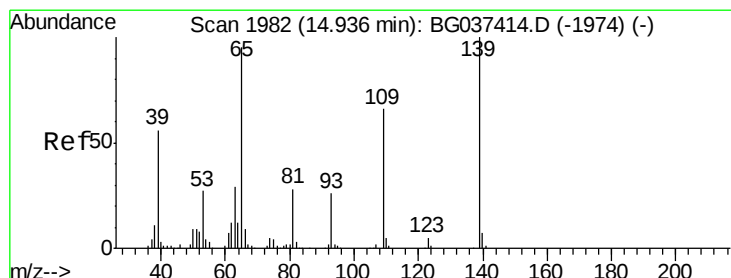
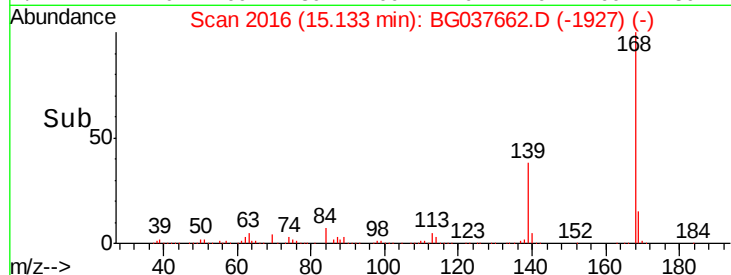
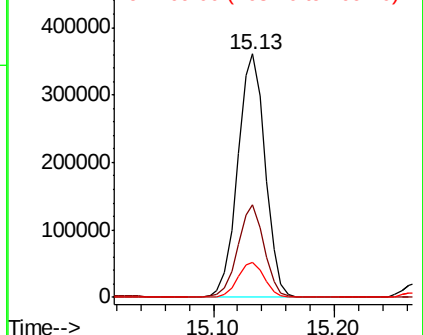
#55
Dibenzofuran
Concen: 40.087 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Instrument :
BNA_G
ClientSampleId :
PB114303BS

Tgt Ion:168 Resp: 569842
Ion Ratio Lower Upper
168 100
139 37.9 29.4 44.0
169 14.5 11.0 16.6

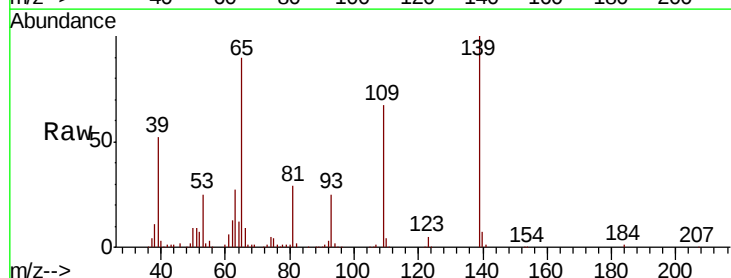


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

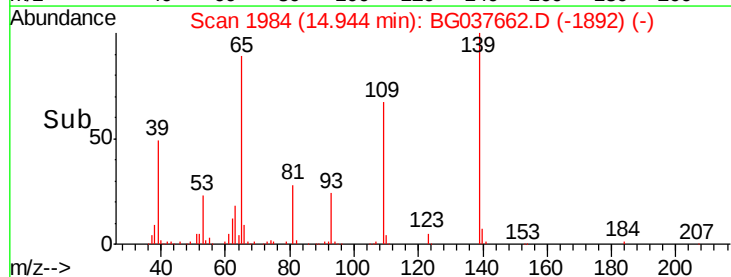
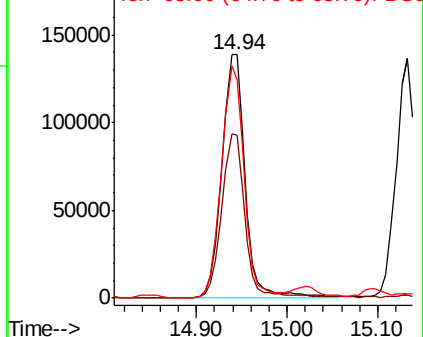


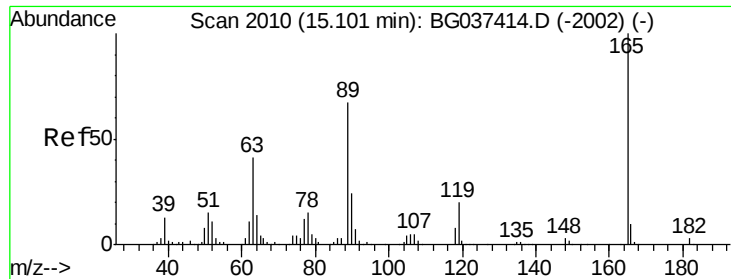
#56
4-Nitrophenol
Concen: 119.143 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:139 Resp: 247658
Ion Ratio Lower Upper
139 100
109 67.1 49.5 89.5
65 89.8 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

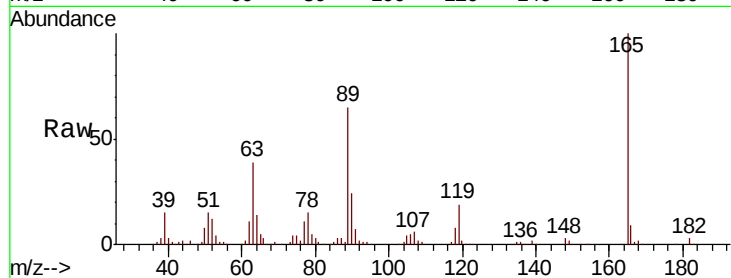




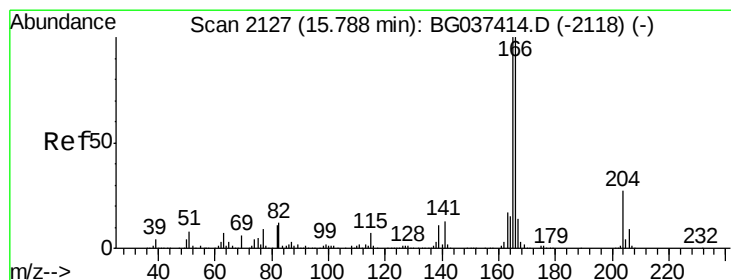
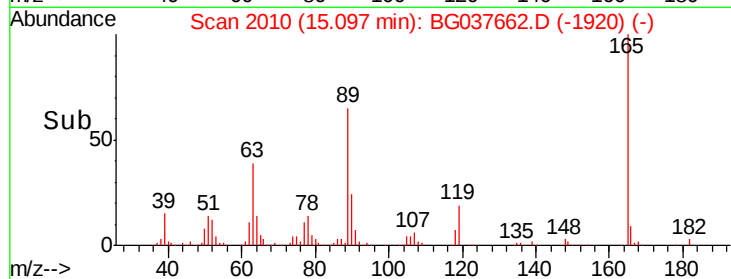
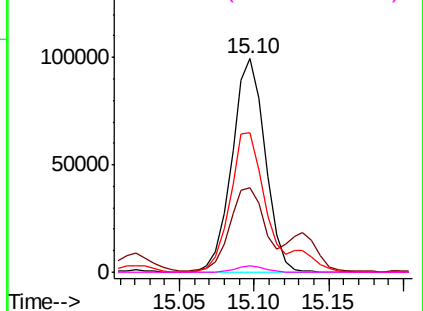
#57
2,4-Dinitrotoluene
Concen: 46.315 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Instrument :
BNA_G
ClientSampleId :
PB114303BS

Tgt Ion:	165	Resp:	153792
Ion	Ratio	Lower	Upper
165	100		
63	39.3	33.4	50.0
89	65.2	57.2	85.8
182	3.1	2.6	4.0

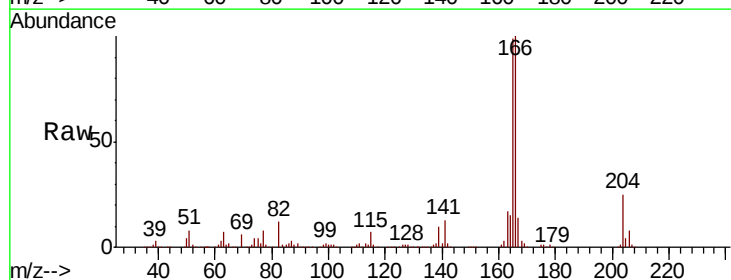


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

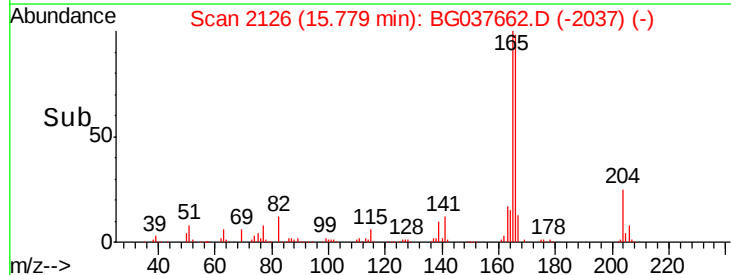
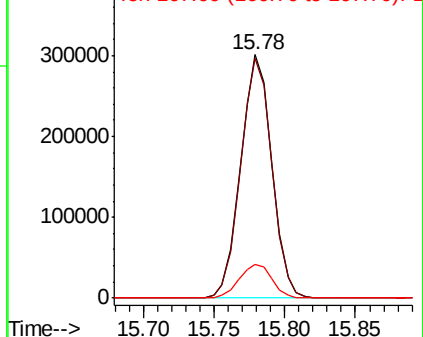


#58
Fluorene
Concen: 43.508 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:	166	Resp:	463148
Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.6
167	13.6	11.3	16.9



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

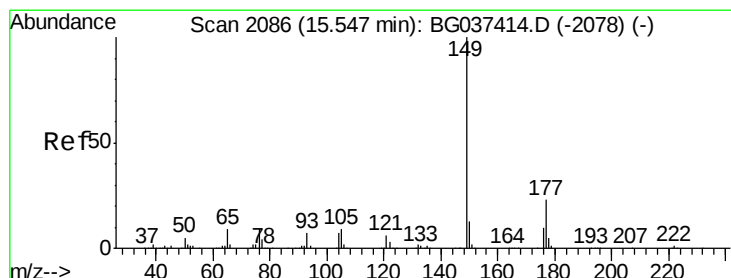
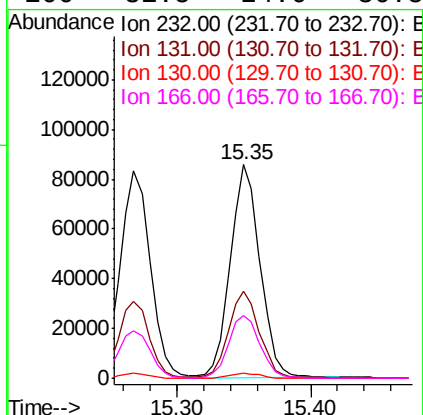
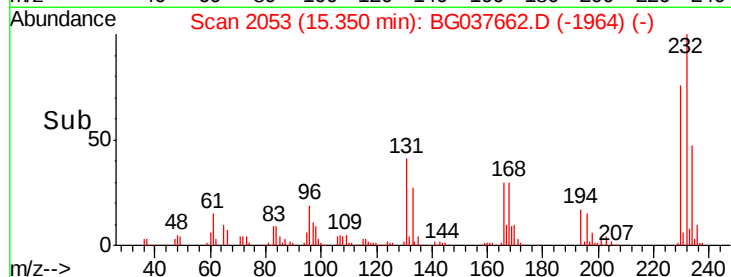
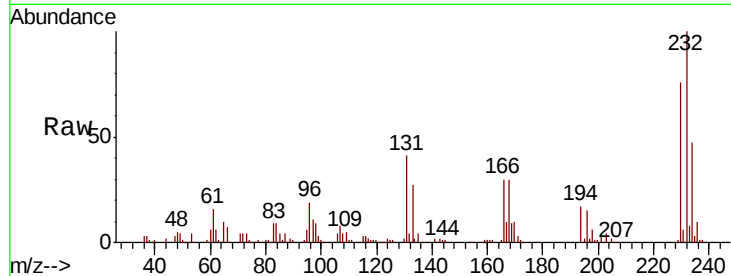




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.912 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

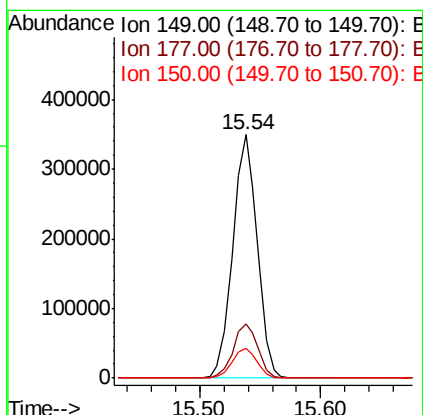
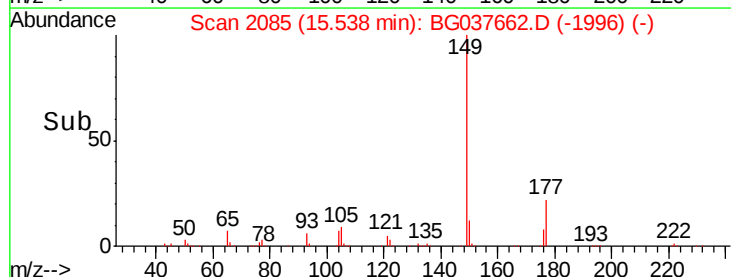
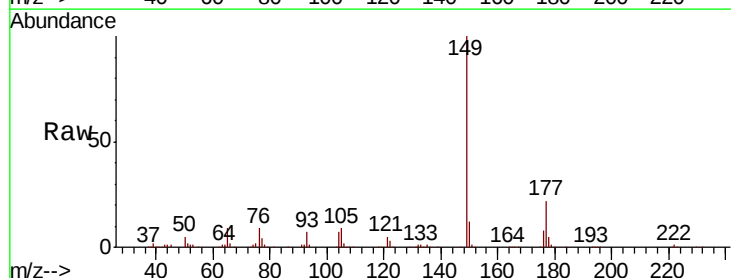
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

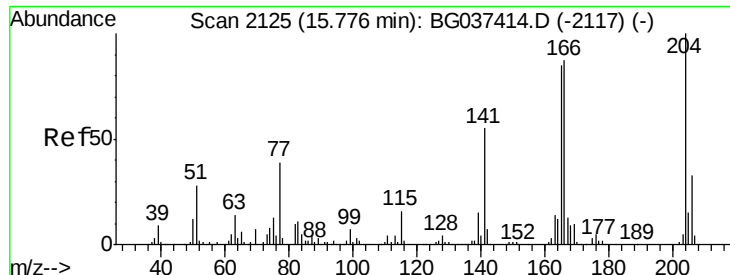
Tgt Ion:	232	Resp:	133357
Ion	Ratio	Lower	Upper
232	100		
131	41.4	33.7	50.5
130	2.5	2.1	3.1
166	31.5	24.6	36.8



#60
 Diethylphthalate
 Concen: 41.848 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion:	149	Resp:	491282
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.3	27.5
150	12.5	10.0	15.0

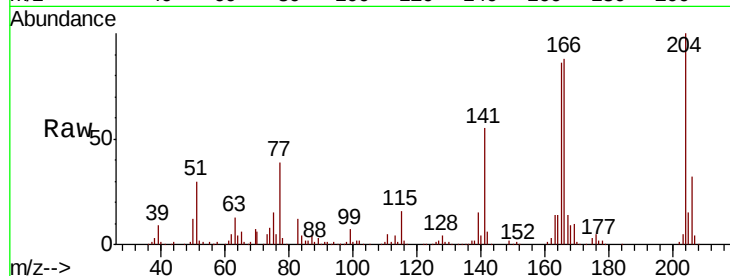




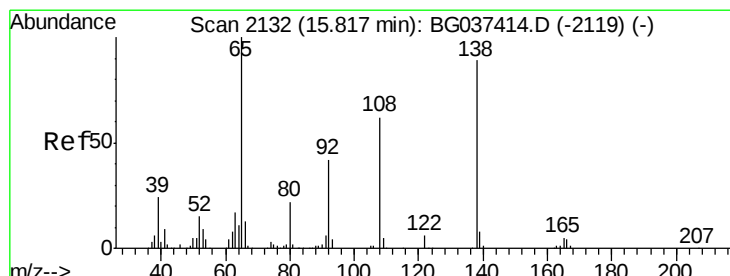
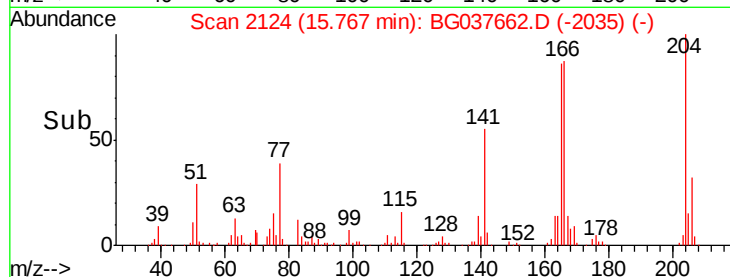
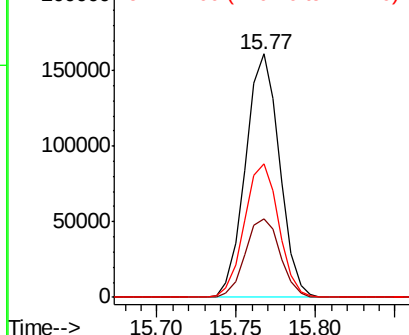
#61
 4-Chlorophenyl-phenylether
 Concen: 38.679 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

Tgt Ion: 204 Resp: 239986
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.6 39.8
 141 54.7 45.4 68.2

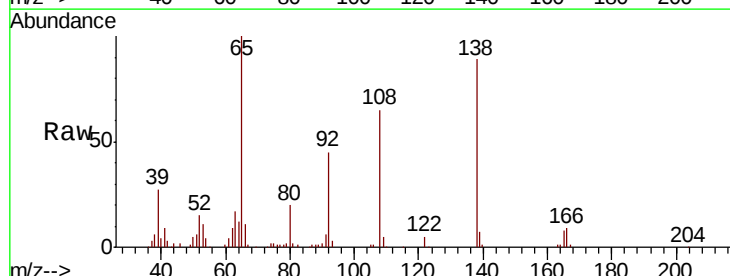


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

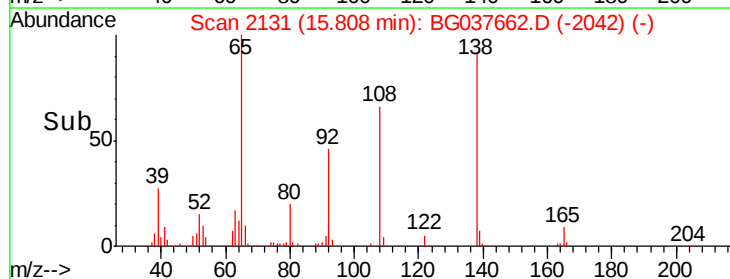
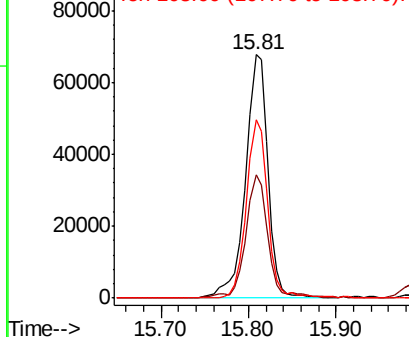


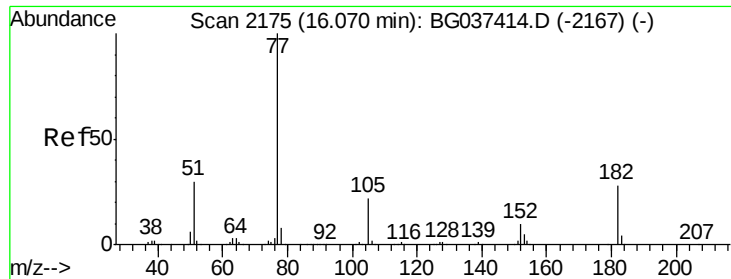
#62
 4-Nitroaniline
 Concen: 41.792 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion: 138 Resp: 116619
 Ion Ratio Lower Upper
 138 100
 92 50.7 36.4 76.4
 108 73.4 60.1 100.1



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

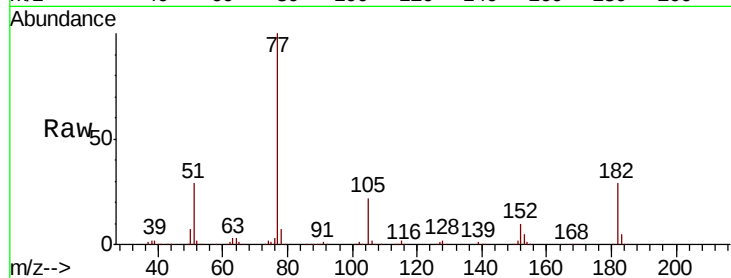




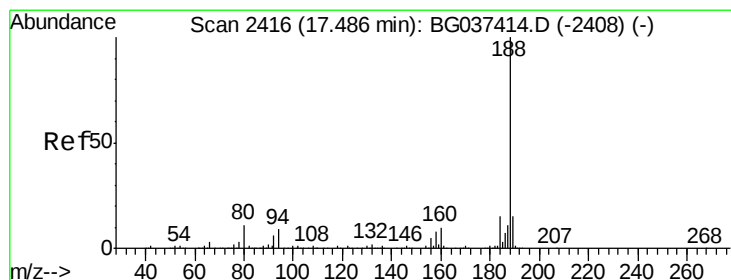
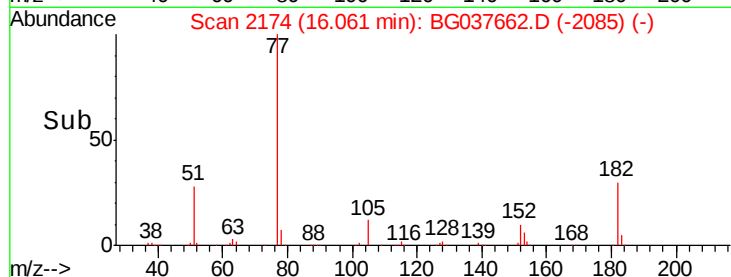
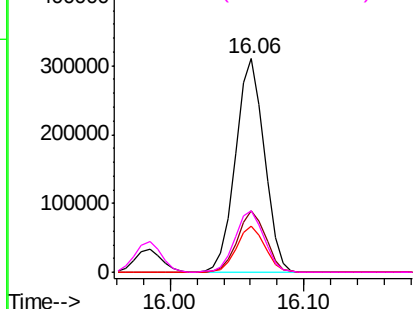
#63
Azobenzene
Concen: 41.449 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Instrument :
BNA_G
ClientSampleId :
PB114303BS

Tgt Ion: 77 Resp: 464267
Ion Ratio Lower Upper
77 100
182 28.8 8.0 48.0
105 21.5 1.3 41.3
51 28.9 10.7 50.7

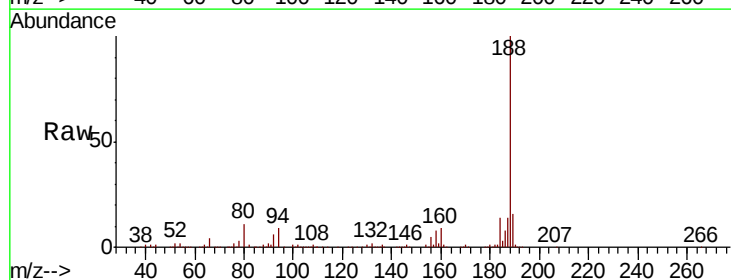


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

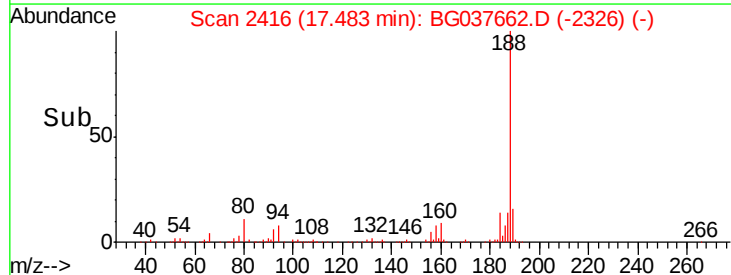
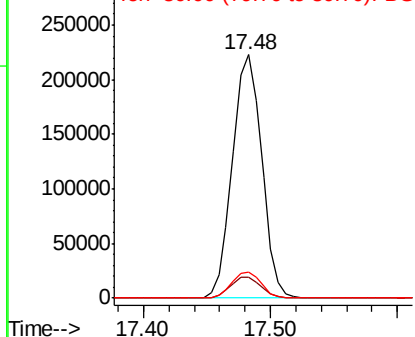


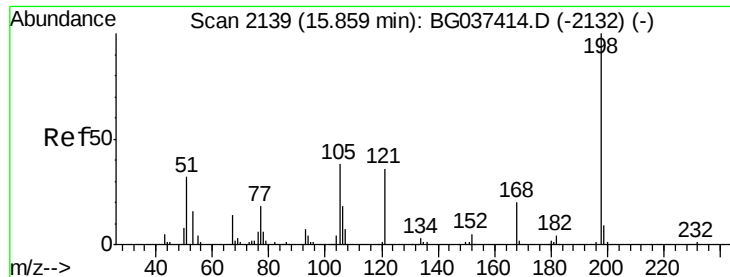
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion: 188 Resp: 356009
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.9 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

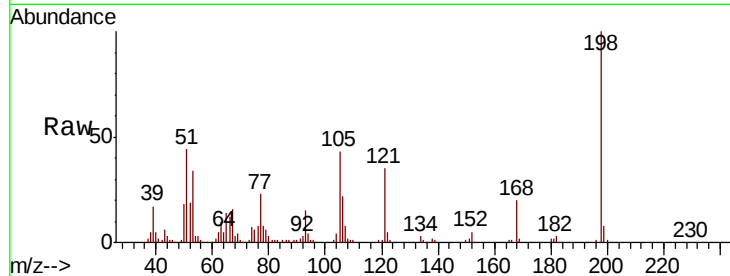




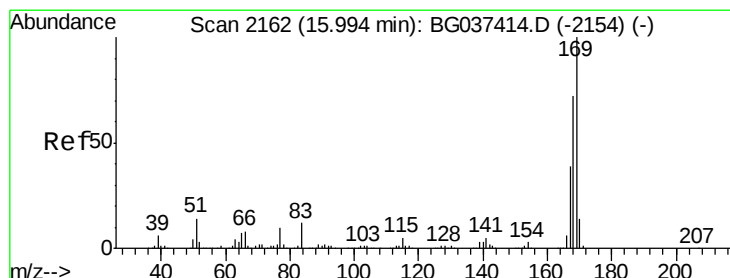
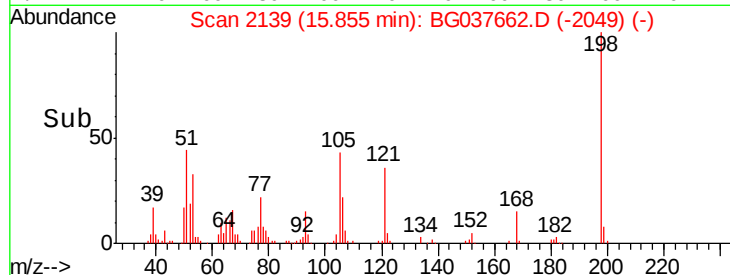
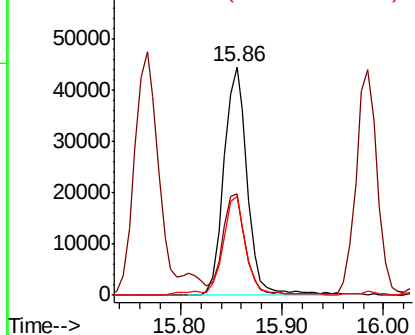
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.942 ng
 RT: 15.86 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

Tgt Ion:198 Resp: 71377
 Ion Ratio Lower Upper
 198 100
 51 44.2 22.7 62.7
 105 43.1 19.7 59.7

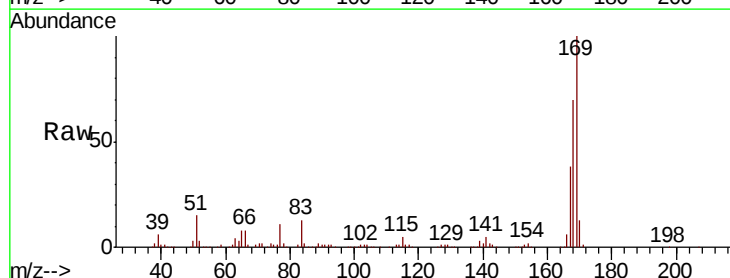


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

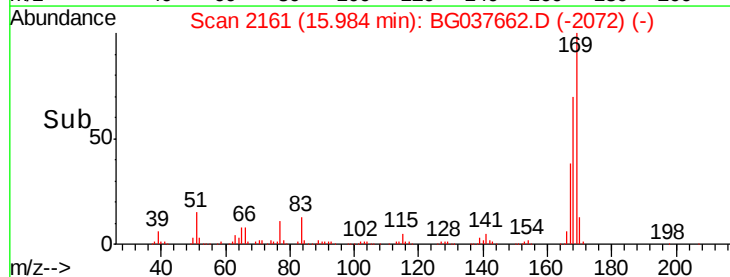
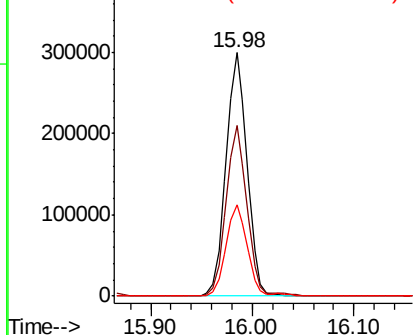


#66
 n-Nitrosodiphenylamine
 Concen: 40.218 ng
 RT: 15.98 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion:169 Resp: 430683
 Ion Ratio Lower Upper
 169 100
 168 69.9 55.7 83.5
 167 37.6 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: 39.160 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

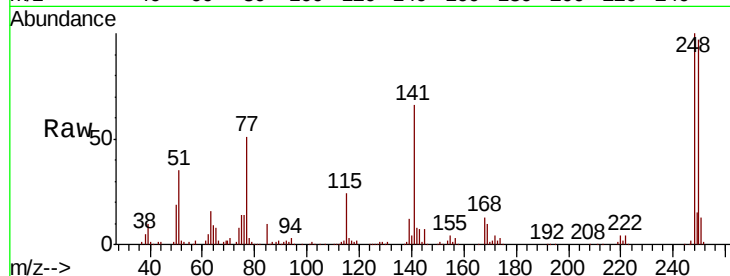
Tgt Ion:248 Resp: 153097

Ion Ratio Lower Upper

248 100

250 97.1 77.0 115.6

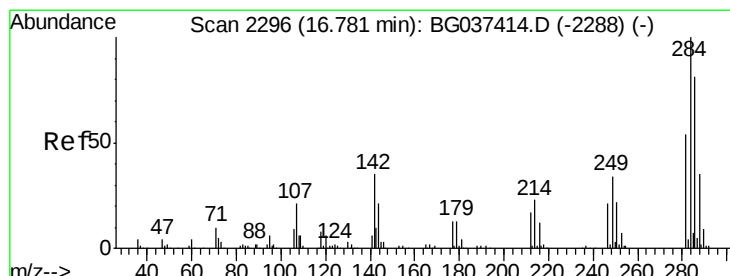
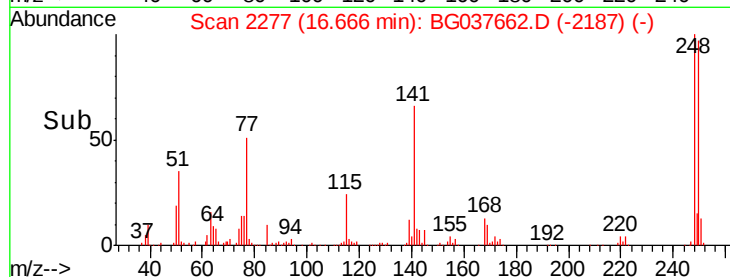
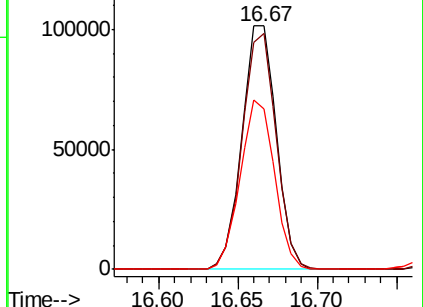
141 65.8 55.5 83.3



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: 37.824 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

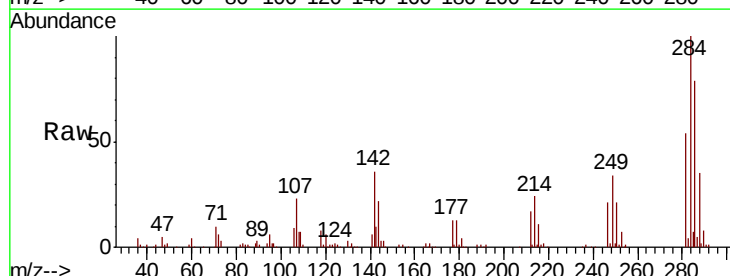
Tgt Ion:284 Resp: 153259

Ion Ratio Lower Upper

284 100

142 35.8 28.1 42.1

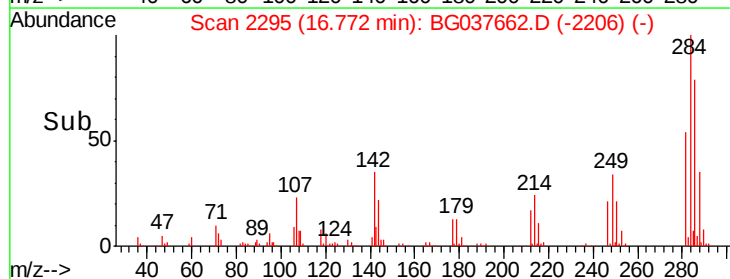
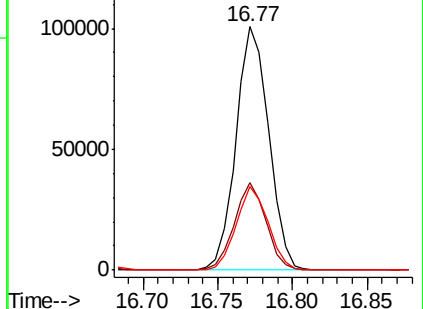
249 36.5 29.8 44.8

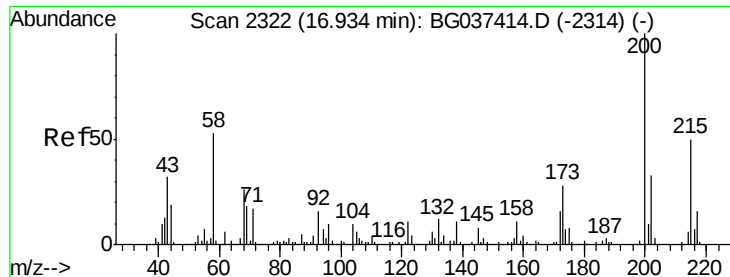


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

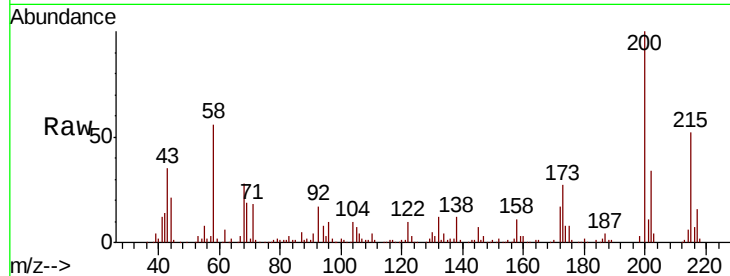




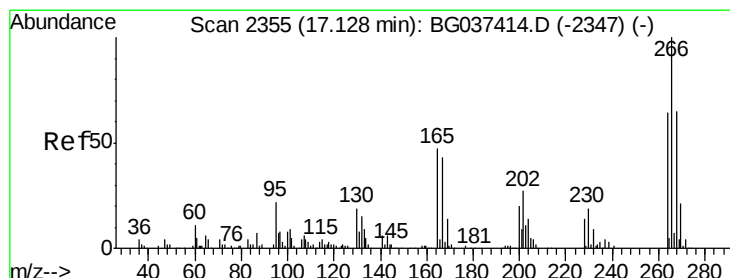
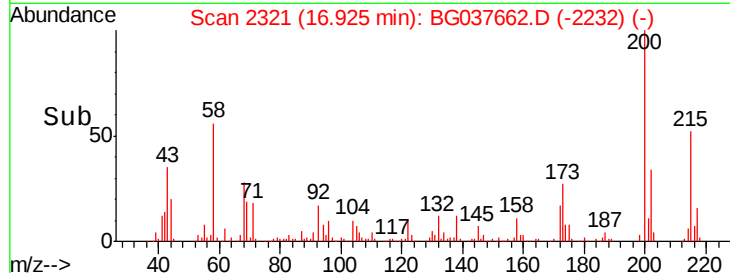
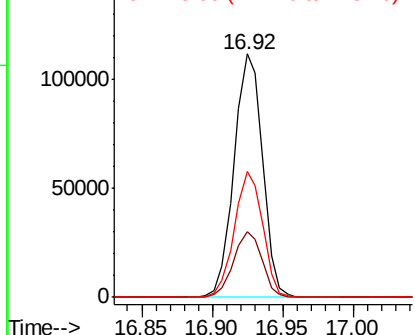
#69
 Atrazine
 Concen: 40.585 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

Tgt Ion: 200 Resp: 157138
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.1 46.1
 215 51.6 30.8 70.8

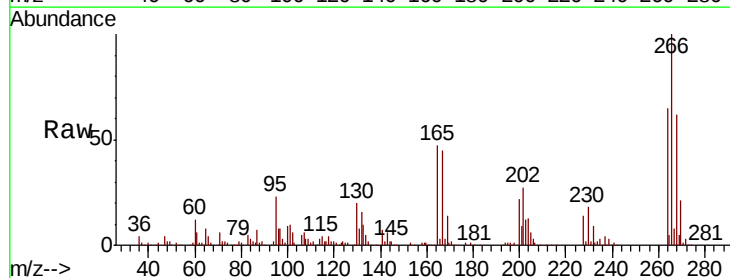


Abundance Ion 200.00 (199.70 to 200.70): E
 150000 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

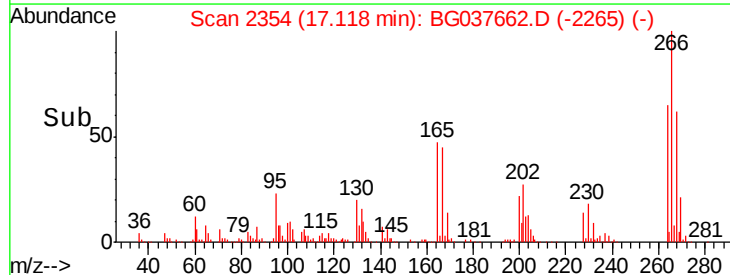
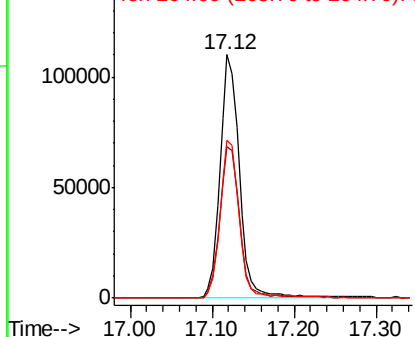


#70
 Pentachlorophenol
 Concen: 67.279 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion: 266 Resp: 182603
 Ion Ratio Lower Upper
 266 100
 268 66.7 55.0 82.6
 264 69.8 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 150000 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

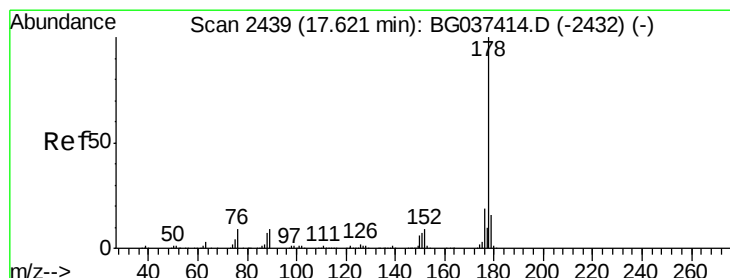
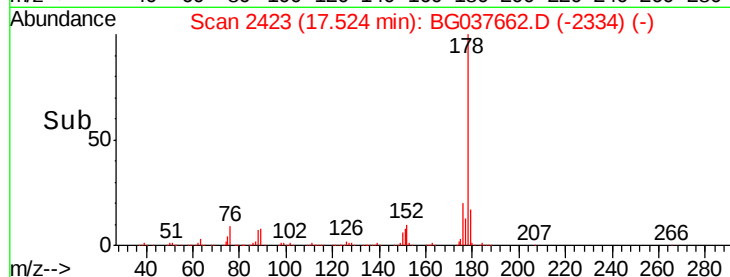
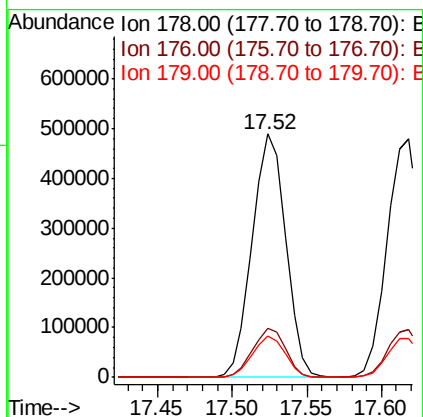
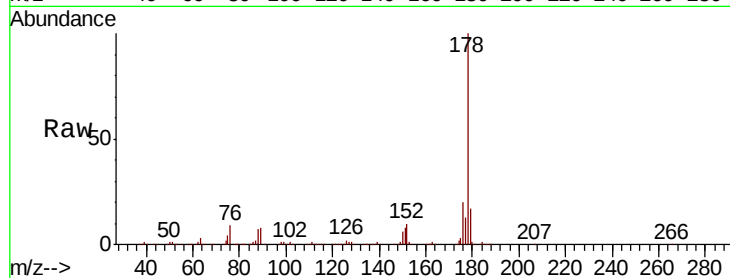




#71
Phenanthrene
Concen: 42.187 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

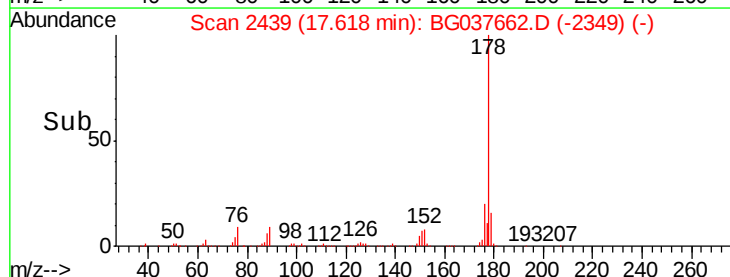
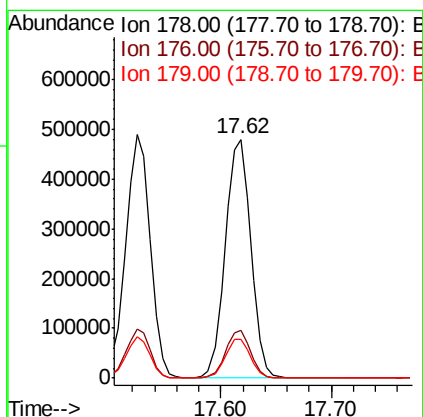
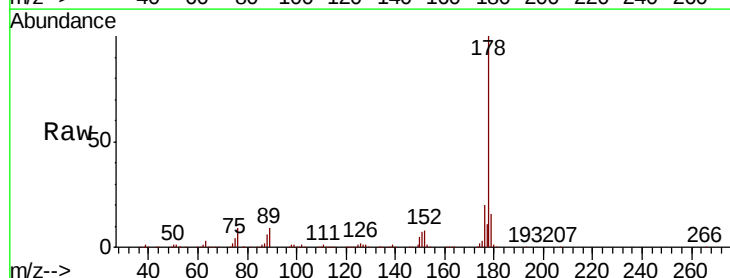
Instrument :
BNA_G
ClientSampleId :
PB114303BS

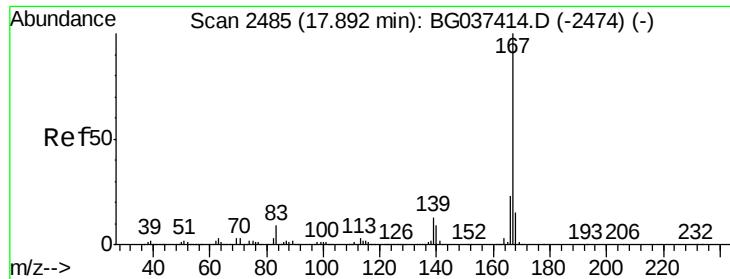
Tgt Ion:178 Resp: 763302
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 17.0 13.0 19.4



#72
Anthracene
Concen: 43.858 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:178 Resp: 778758
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.2 12.8 19.2

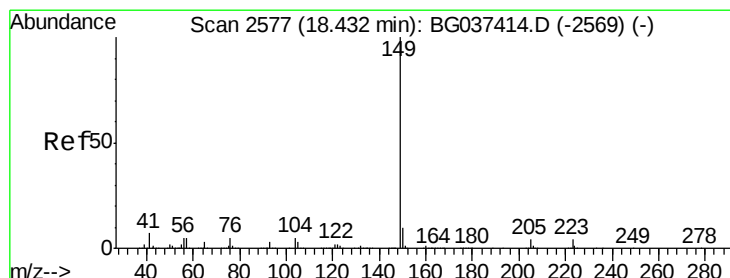
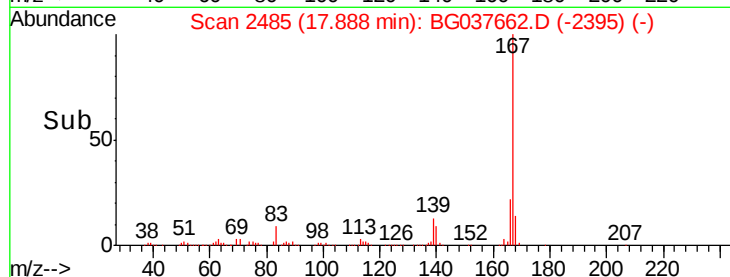
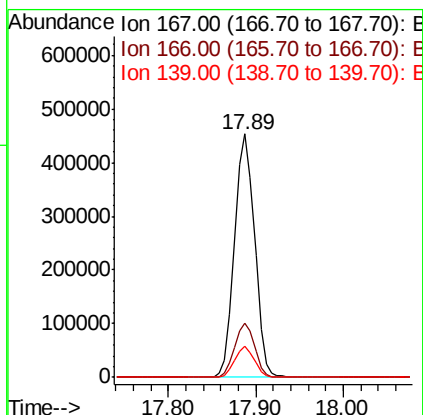
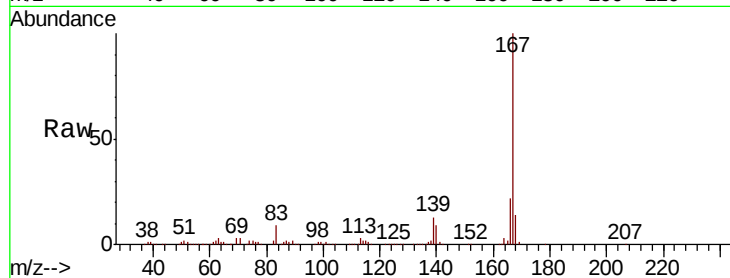




#73
 Carbazole
 Concen: 39.807 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

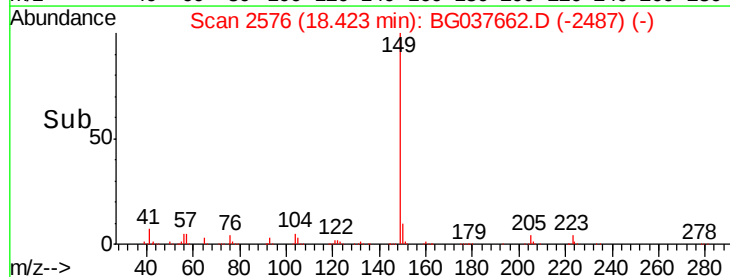
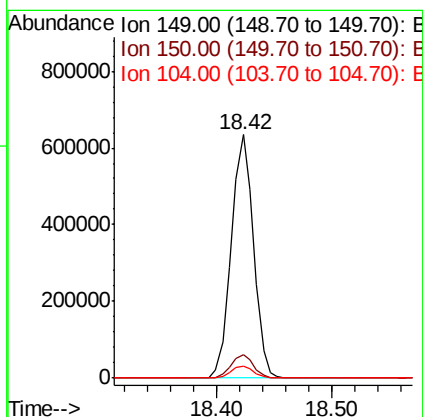
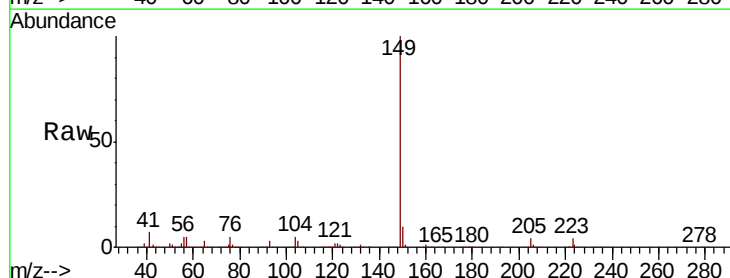
Instrument :
 BNA_G
 ClientSampleId :
 PB114303BS

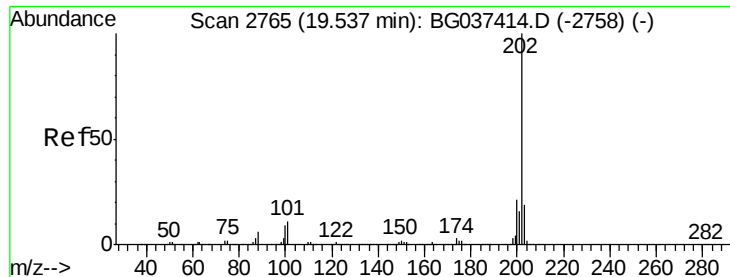
Tgt Ion:	167	Resp:	707039
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.3	27.5
139	12.8	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 42.629 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037662.D
 Acq: 30 Oct 2018 20:34

Tgt Ion:	149	Resp:	842279
Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 43.222 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

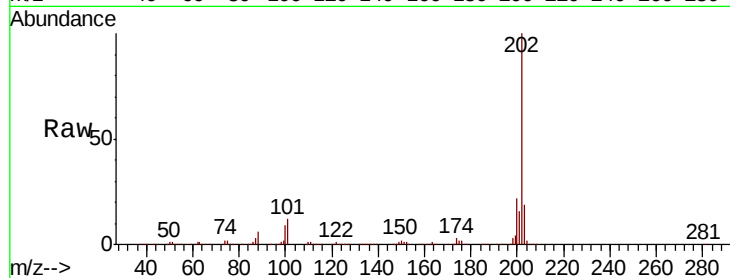
Tgt Ion:202 Resp: 886971

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

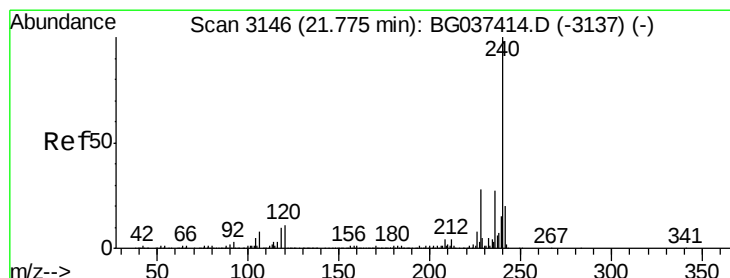
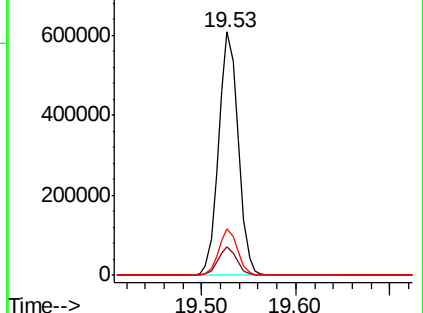
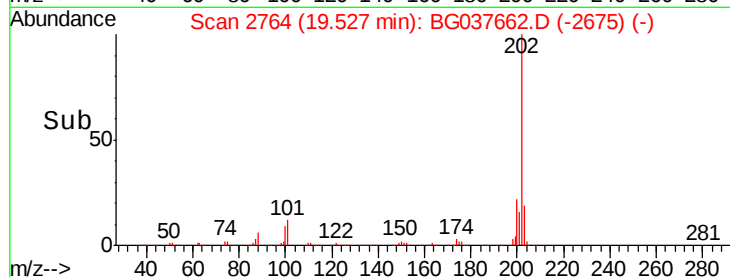
203 19.1 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

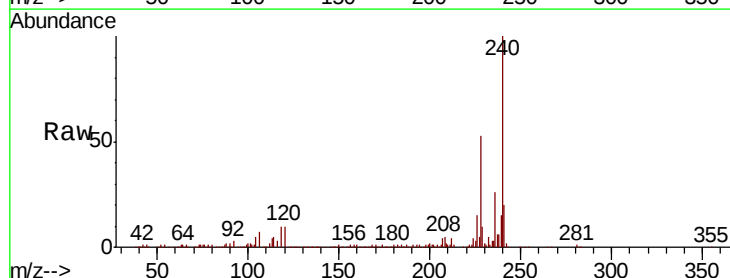
Tgt Ion:240 Resp: 323881

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

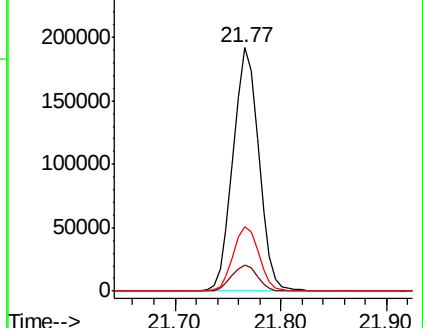
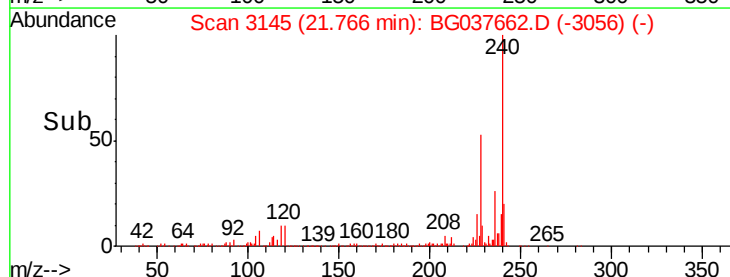
236 26.3 21.4 32.0



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: 15.772 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

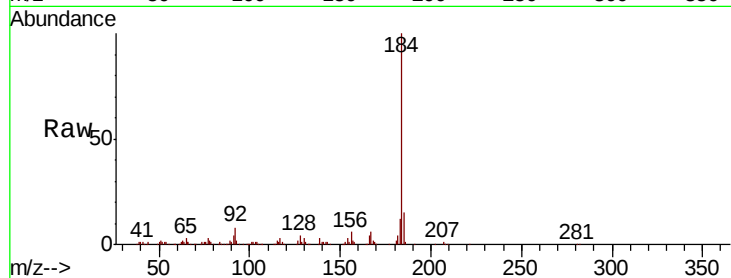
Tgt Ion:184 Resp: 173694

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

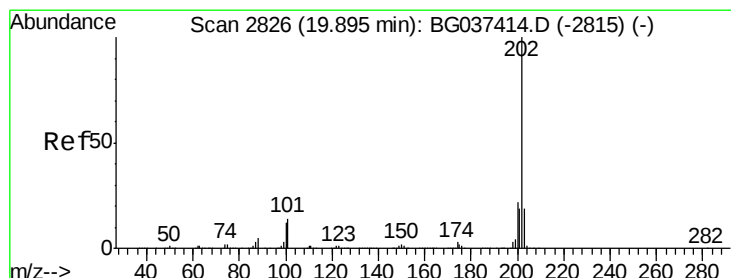
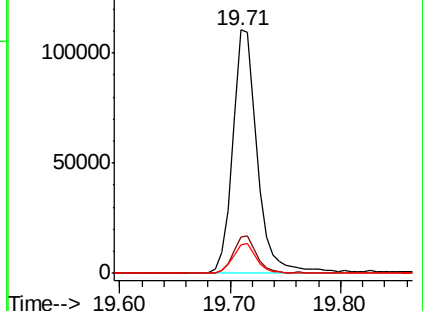
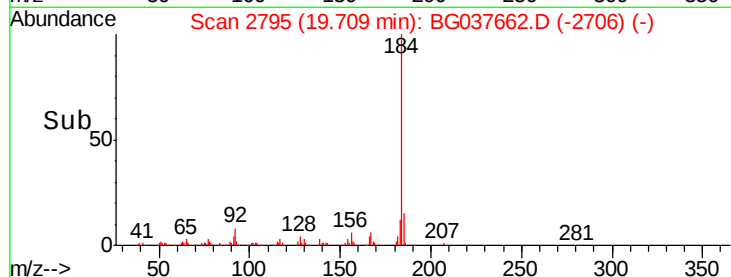
183 11.6 10.2 15.2



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: 41.883 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

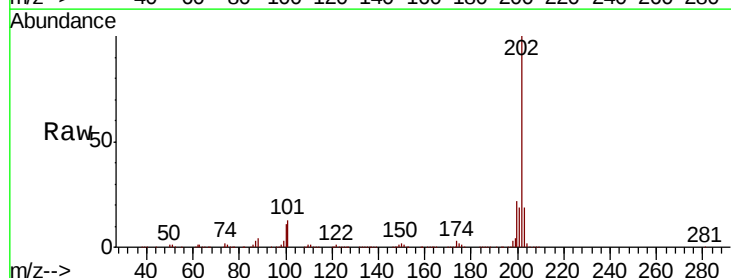
Tgt Ion:202 Resp: 886773

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

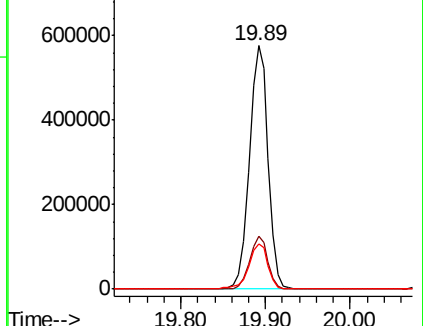
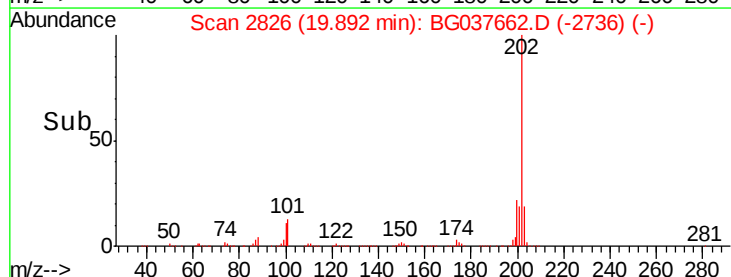
203 18.5 15.2 22.8

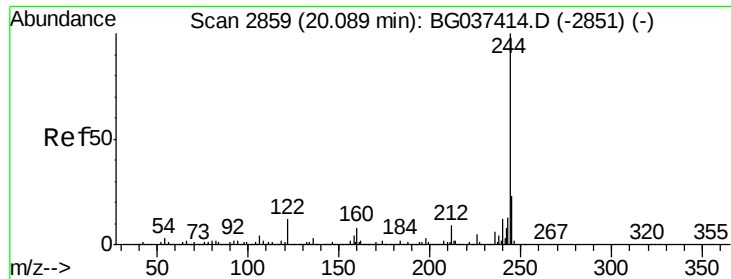


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.733 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

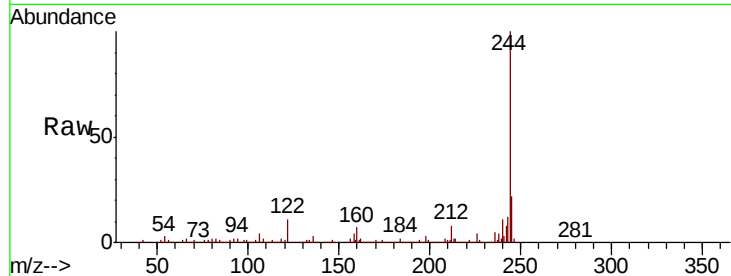
Tgt Ion:244 Resp: 1041817

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

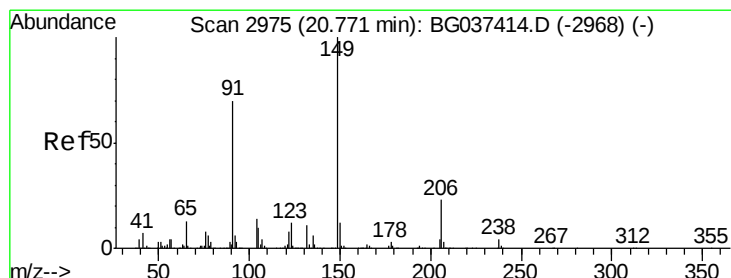
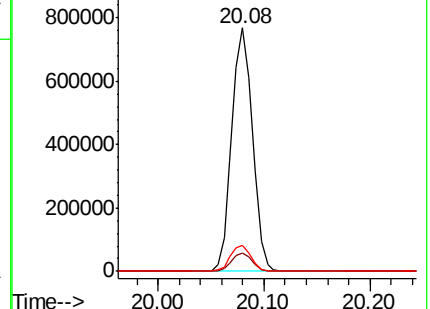
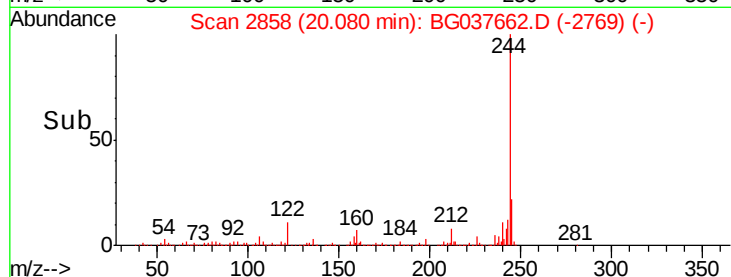
122 10.8 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.790 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

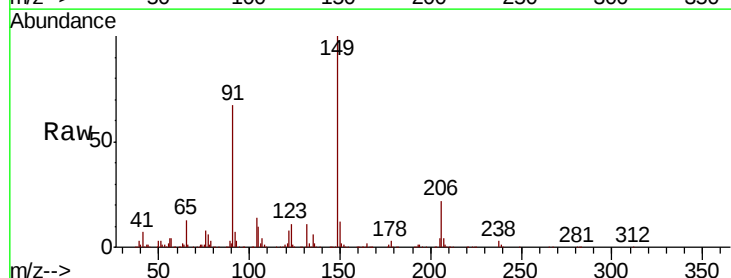
Tgt Ion:149 Resp: 379442

Ion Ratio Lower Upper

149 100

91 67.0 57.0 85.4

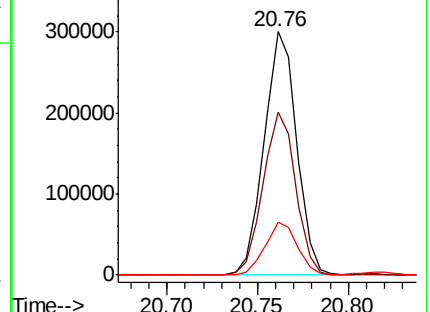
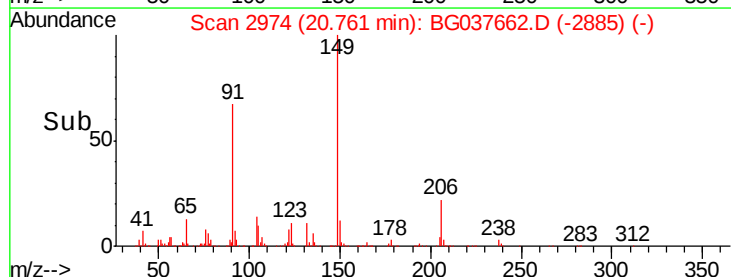
206 22.0 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.215 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

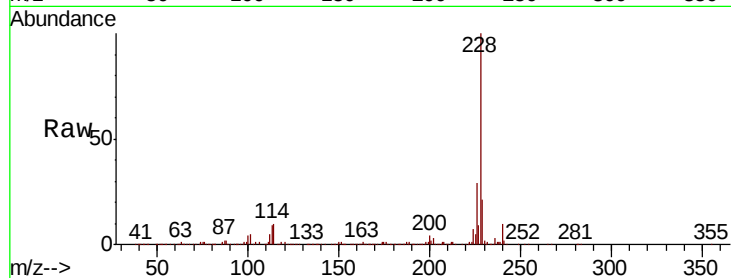
Tgt Ion:228 Resp: 827880

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

229 20.9 16.3 24.5

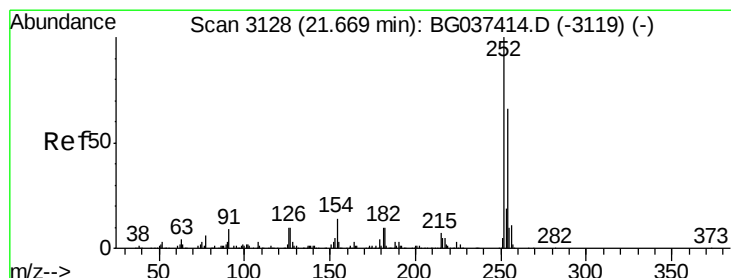
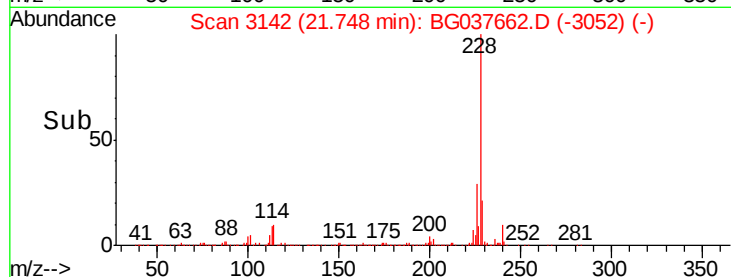
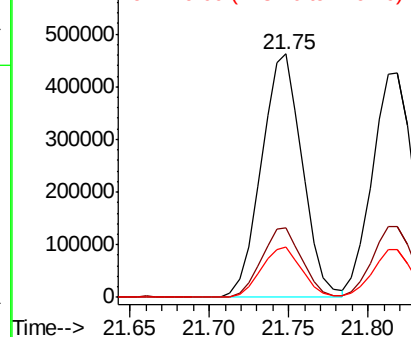


Abundance

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: 20.732 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

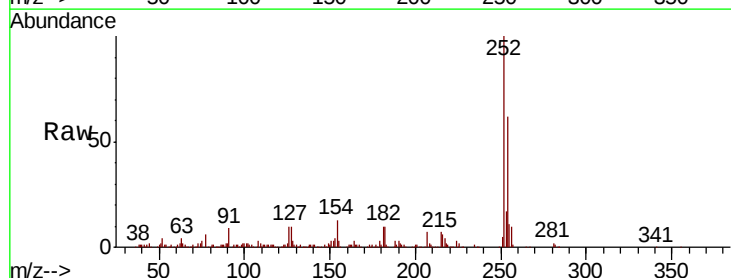
Tgt Ion:252 Resp: 153942

Ion Ratio Lower Upper

252 100

254 61.5 52.0 78.0

126 10.1 8.2 12.4

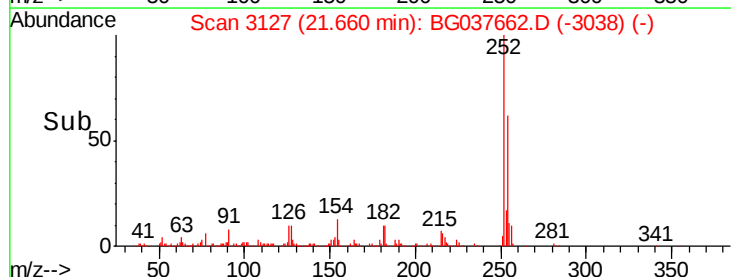
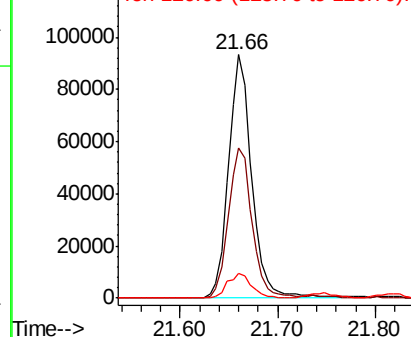


Abundance

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: 41.585 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

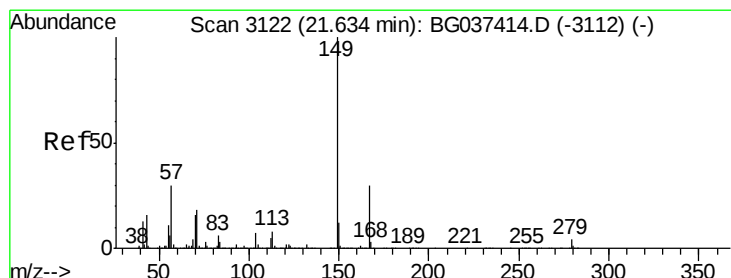
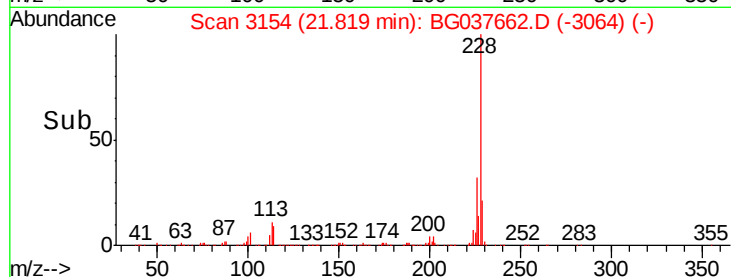
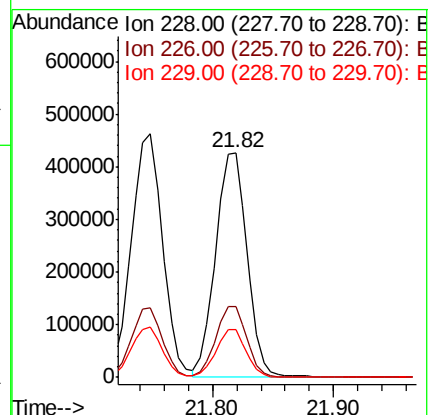
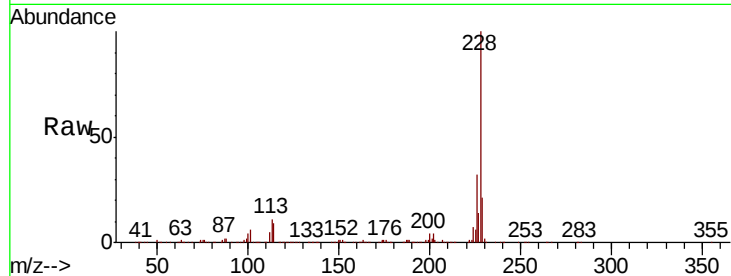
Tgt Ion:228 Resp: 766033

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

229 21.2 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.544 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

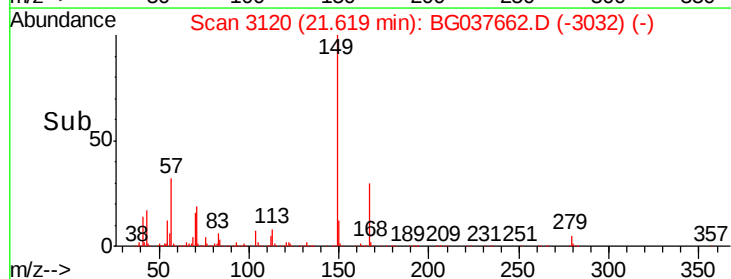
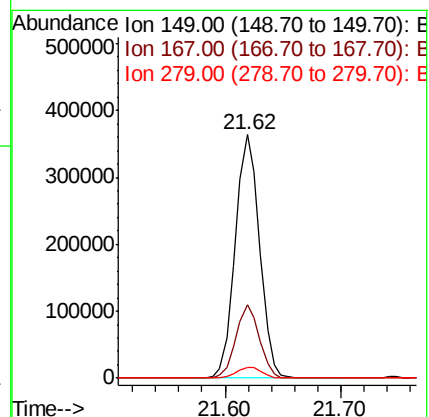
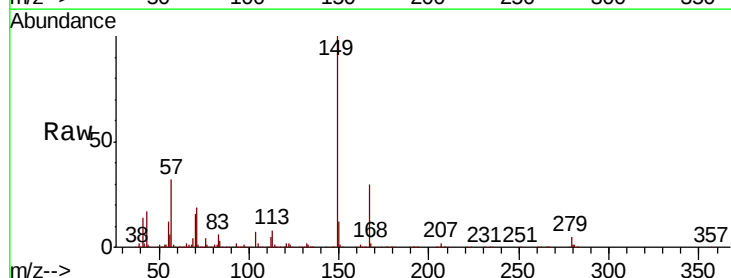
Tgt Ion:149 Resp: 528882

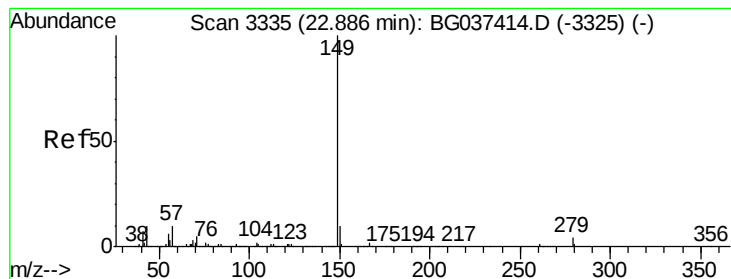
Ion Ratio Lower Upper

149 100

167 30.2 23.0 34.4

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.273 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

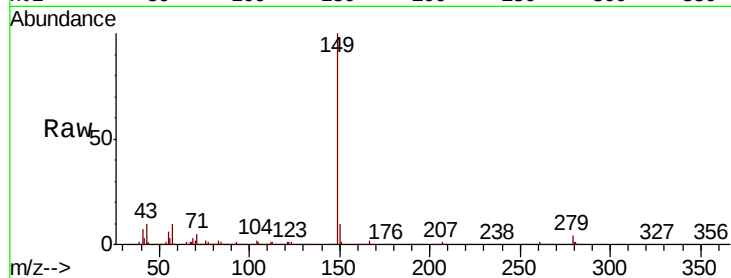
Tgt Ion:149 Resp: 896671

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

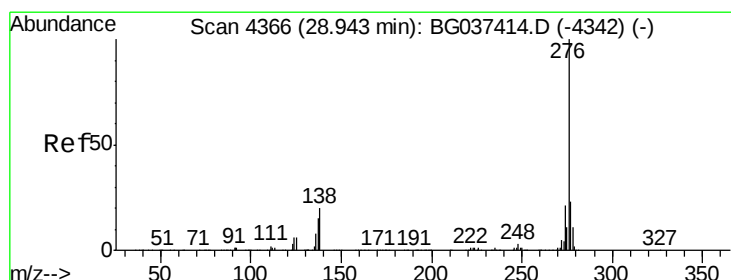
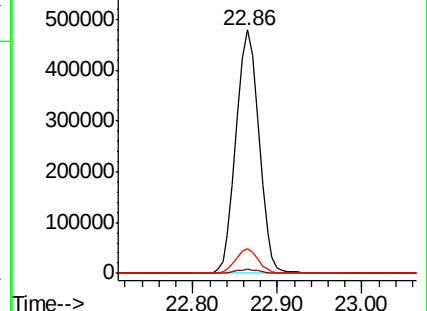
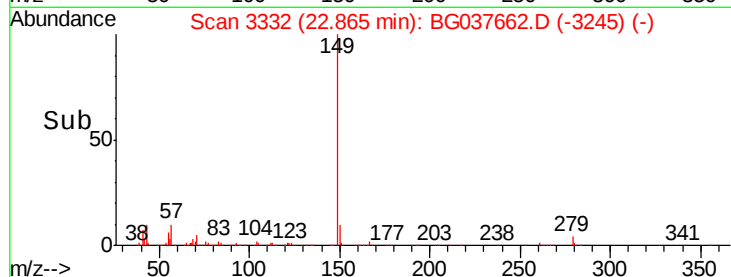
43 9.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.552 ng

RT: 28.92 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

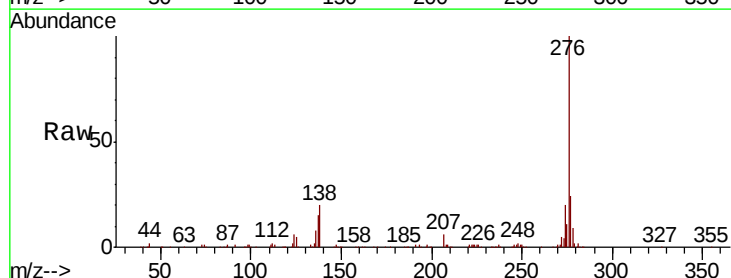
Tgt Ion:276 Resp: 820982

Ion Ratio Lower Upper

276 100

138 15.9 12.0 18.0

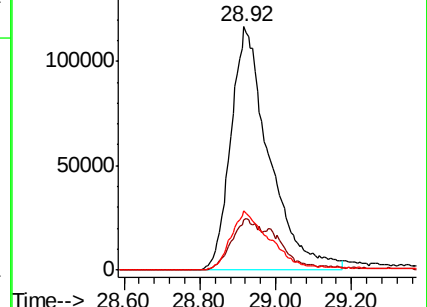
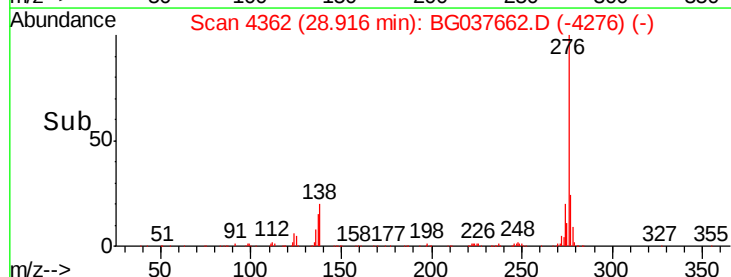
277 24.6 20.6 30.8

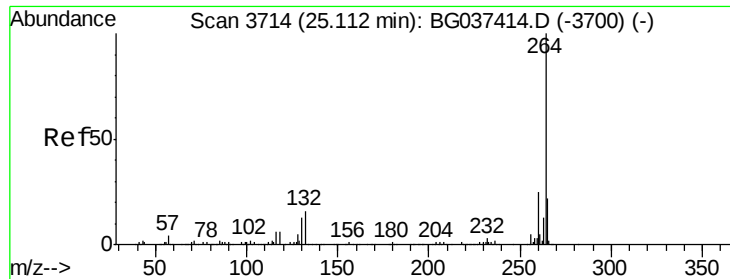


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

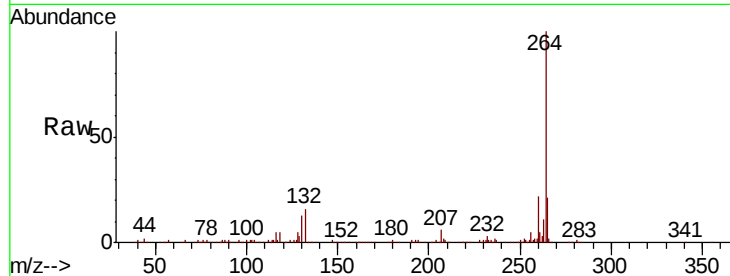
Tgt Ion:264 Resp: 333404

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

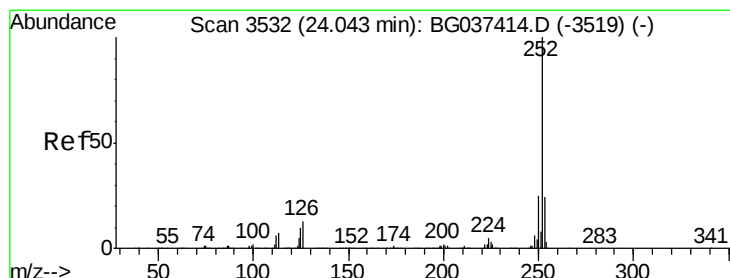
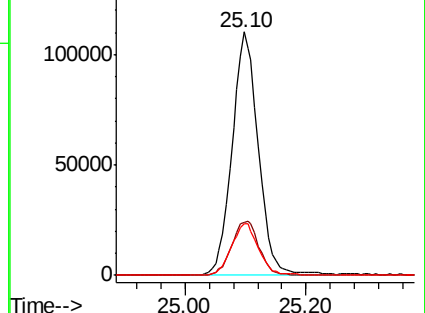
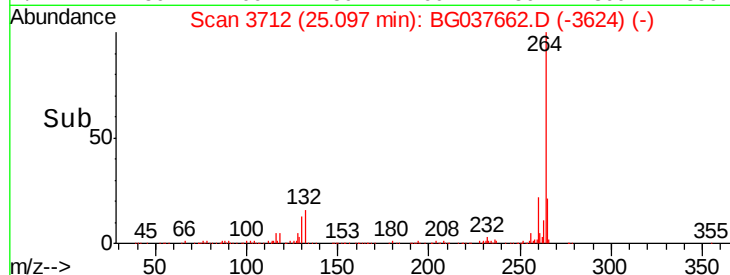
265 21.0 17.9 26.9



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: 44.759 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

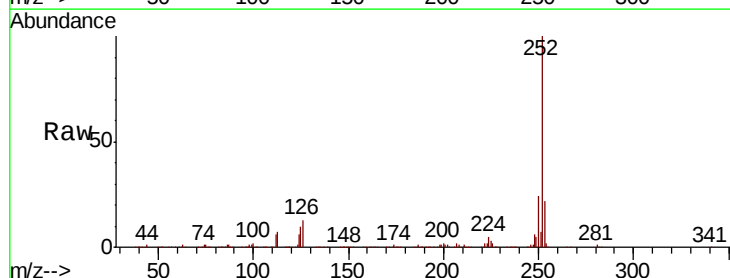
Tgt Ion:252 Resp: 818132

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

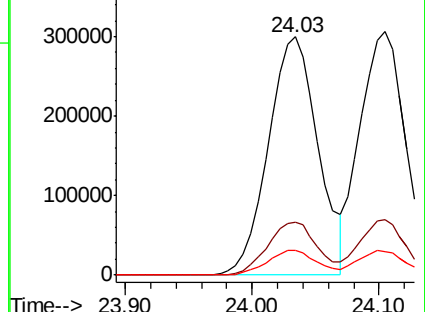
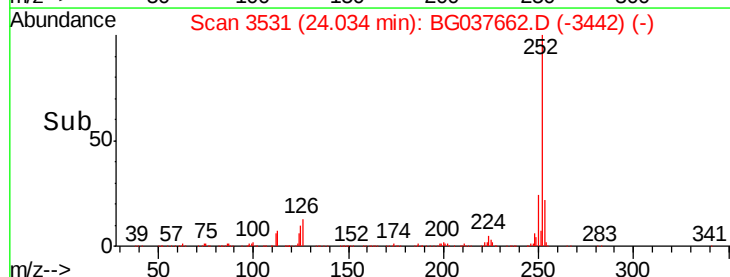
125 10.1 7.8 11.6

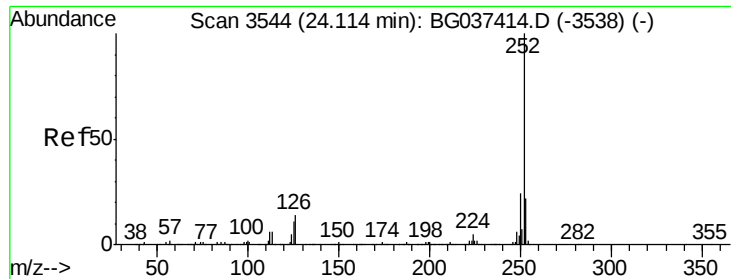


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

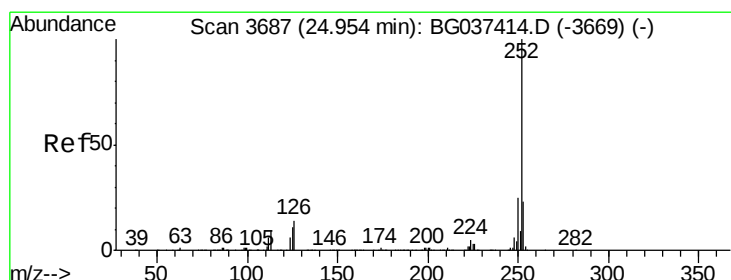
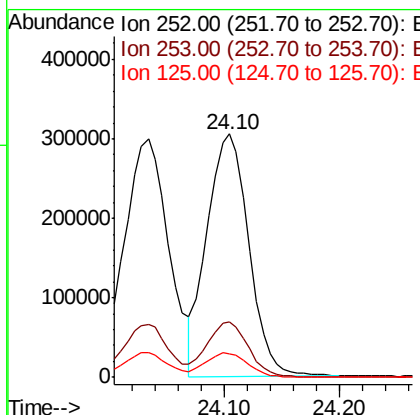
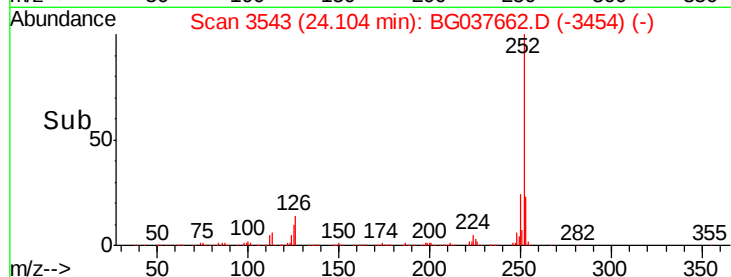
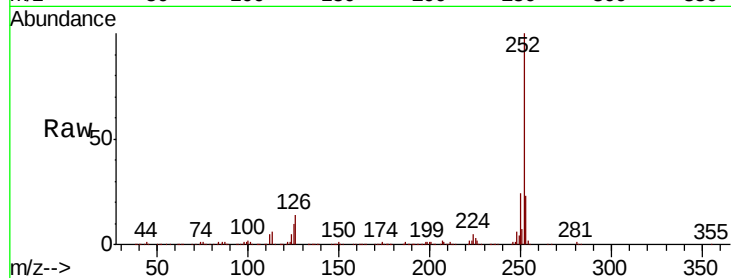




#89
Benzo(k)fluoranthene
Concen: 42.835 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

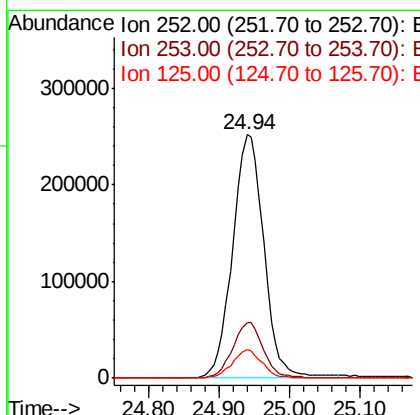
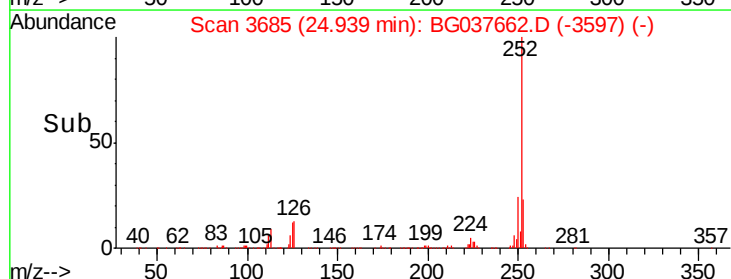
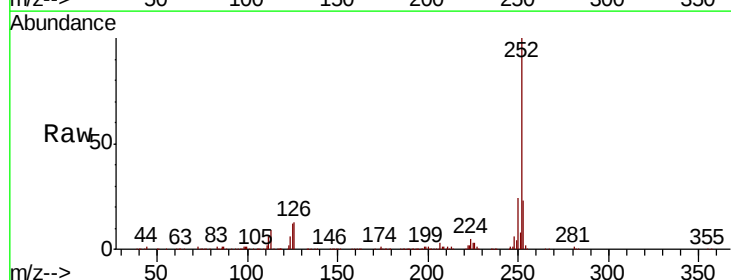
Instrument :
BNA_G
ClientSampleId :
PB114303BS

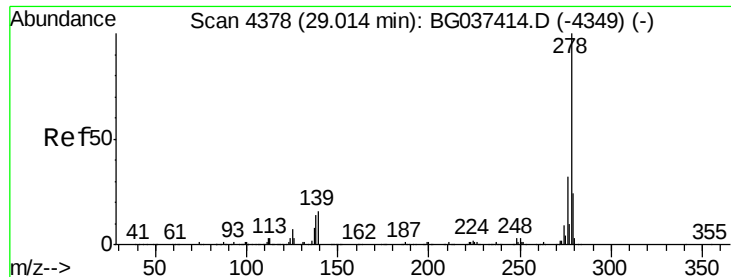
Tgt Ion:252 Resp: 767083
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 9.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 44.664 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG037662.D
Acq: 30 Oct 2018 20:34

Tgt Ion:252 Resp: 775753
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 11.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.588 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.03 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

Instrument :

BNA_G

ClientSampleId :

PB114303BS

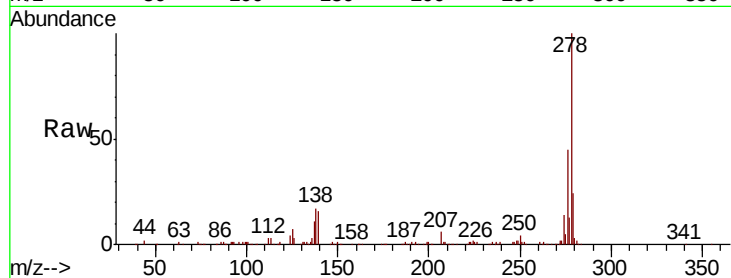
Tgt Ion:278 Resp: 650278

Ion Ratio Lower Upper

278 100

139 16.2 11.5 17.3

279 23.5 18.6 27.8

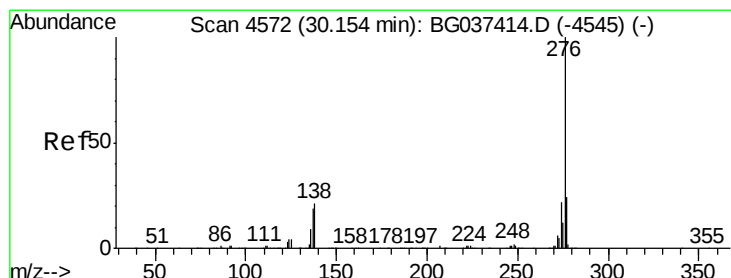
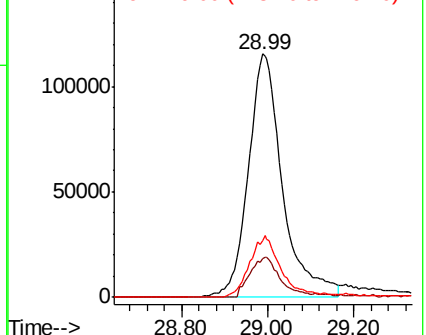
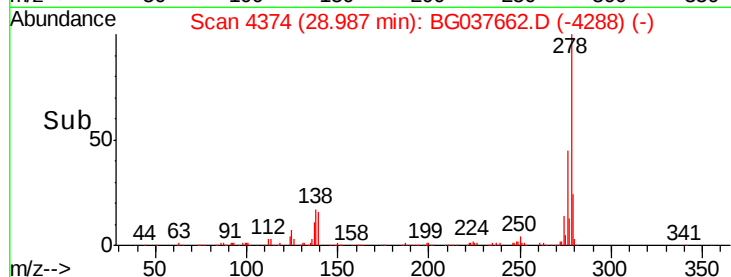


Abundance

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: 40.793 ng

RT: 30.13 min Scan# 4568

Delta R.T. -0.03 min

Lab File: BG037662.D

Acq: 30 Oct 2018 20:34

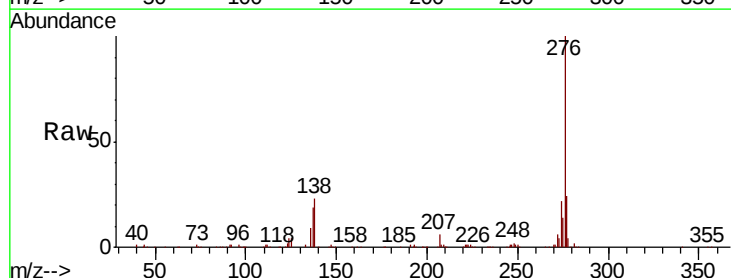
Tgt Ion:276 Resp: 661208

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 22.9 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

