

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037511.D
 Acq On : 24 Oct 2018 14:51
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 07:58:19 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	8.11	152	67276	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	316171	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	205051	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	481813	20.00	ng	0.00
76) Chrysene-d12	21.77	240	430369	20.00	ng	0.00
87) Perylene-d12	25.11	264	463187	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	321000	79.77	ng	0.00
7) Phenol-d6	7.25	99	484400	79.61	ng	0.00
23) Nitrobenzene-d5	9.28	82	446053	79.03	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	177728	79.47	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1023085	75.24	ng	0.00
79) Terphenyl-d14	20.08	244	1504321	74.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	80207	39.304	ng	96
3) Pyridine	3.94	79	199149	38.719	ng	96
4) n-Nitrosodimethylamine	3.86	42	78007	42.580	ng	# 89
6) Aniline	7.43	93	294747	39.707	ng	97
8) 2-Chlorophenol	7.67	128	185352	39.374	ng	98
9) Benzaldehyde	7.25	77	139202	36.571	ng	99
10) Phenol	7.28	94	253926	39.551	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	190336	39.034	ng	93
12) 1,3-Dichlorobenzene	7.99	146	202601	38.659	ng	96
13) 1,4-Dichlorobenzene	8.14	146	202960	37.860	ng	99
14) 1,2-Dichlorobenzene	8.46	146	194020	37.624	ng	99
15) Benzyl Alcohol	8.34	79	184320	40.996	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	354398	40.620	ng	98
17) 2-Methylphenol	8.54	107	171540	40.415	ng	99
18) Hexachloroethane	9.19	117	74141	40.568	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	164274	39.205	ng	96
20) 3+4-Methylphenols	8.87	107	243086	40.057	ng	98
22) Acetophenone	8.94	105	300316	37.874	ng	98
24) Nitrobenzene	9.33	77	230755	39.356	ng	96
25) Isophorone	9.85	82	407313	39.497	ng	97
26) 2-Nitrophenol	10.03	139	114193	43.233	ng	96
27) 2,4-Dimethylphenol	10.08	122	184889	39.204	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	262730	38.885	ng	98
29) 2,4-Dichlorophenol	10.56	162	205798	39.193	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	216208	37.863	ng	97
31) Naphthalene	10.98	128	592456	38.150	ng	100
32) Benzoic acid	10.21	122	152838	49.896	ng	98
33) 4-Chloroaniline	11.09	127	285497	39.127	ng	99
34) Hexachlorobutadiene	11.25	225	130155	38.458	ng	99
35) Caprolactam	11.89	113	82247	39.055	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	233456	39.423	ng	98
37) 2-Methylnaphthalene	12.57	142	433463	38.291	ng	98
38) 1-Methylnaphthalene	12.79	142	420460	38.245	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	255192	38.584	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	120551	38.157	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	178563	40.411	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	190216	39.538	ng	98
46) 1,1'-Biphenyl	13.58	154	650086	38.281	ng	98
47) 2-Chloronaphthalene	13.62	162	491964	38.293	ng	98
48) 2-Nitroaniline	13.83	65	161886	41.552	ng	97
49) Acenaphthylene	14.46	152	748452	38.728	ng	99
50) Dimethylphthalate	14.19	163	609153	38.401	ng	100
51) 2,6-Dinitrotoluene	14.32	165	139008	39.612	ng	98
52) Acenaphthene	14.81	154	448373	37.671	ng	99
53) 3-Nitroaniline	14.65	138	156660	40.213	ng	# 99
54) 2,4-Dinitrophenol	14.85	184	44248	42.200	ng	99
55) Dibenzofuran	15.14	168	739225	37.486	ng	99
56) 4-Nitrophenol	14.94	139	118028	40.930	ng	98
57) 2,4-Dinitrotoluene	15.10	165	189827	41.209	ng	97
58) Fluorene	15.79	166	558006	37.786	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	163649	39.729	ng	99
60) Diethylphthalate	15.55	149	629674	38.664	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	324646	37.717	ng	98
62) 4-Nitroaniline	15.82	138	156823	40.512	ng	94
63) Azobenzene	16.06	77	599937	38.609	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	93501	38.934	ng	97
66) n-Nitrosodiphenylamine	15.99	169	549011	37.881	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	200300	37.856	ng	98
68) Hexachlorobenzene	16.78	284	200161	36.501	ng	98
69) Atrazine	16.93	200	197796	37.747	ng	99
70) Pentachlorophenol	17.13	266	145671	39.658	ng	96
71) Phenanthrene	17.53	178	913192	37.293	ng	100
72) Anthracene	17.62	178	908506	37.806	ng	97
73) Carbazole	17.89	167	924869	38.475	ng	99
74) Di-n-butylphthalate	18.42	149	1062009	39.716	ng	99
75) Fluoranthene	19.53	202	1048757	37.762	ng	99
77) Benzidine	19.71	184	452864	30.947	ng	99
78) Pyrene	19.89	202	1079310	38.363	ng	100
80) Butylbenzylphthalate	20.76	149	478667	41.572	ng	100
81) Benzo(a)anthracene	21.75	228	985832	38.727	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	386987	39.221	ng	99
83) Chrysene	21.82	228	934486	38.177	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	669916	41.508	ng	99
85) Di-n-octyl phthalate	22.87	149	1115440	42.383	ng	99
86) Indeno(1,2,3-cd)pyrene	28.92	276	1029550	39.215	ng	97
88) Benzo(b)fluoranthene	24.04	252	950017	37.412	ng	99
89) Benzo(k)fluoranthene	24.11	252	952524	38.286	ng	98
90) Benzo(a)pyrene	24.95	252	917775	38.035	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	835552	37.539	ng	98
92) Benzo(g,h,i)perylene	30.14	276	827047	36.728	ng	98

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

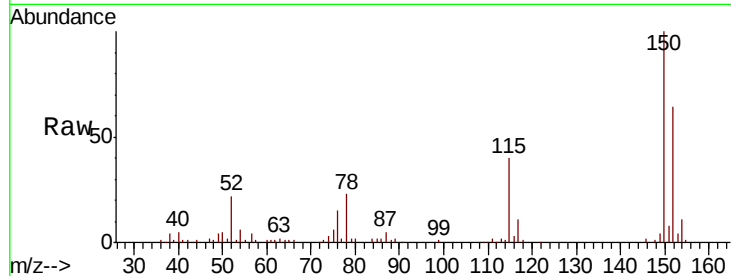


#1

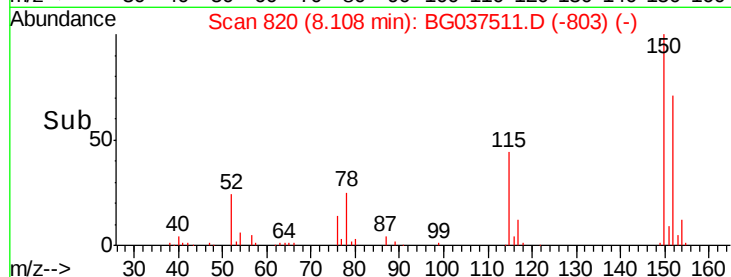
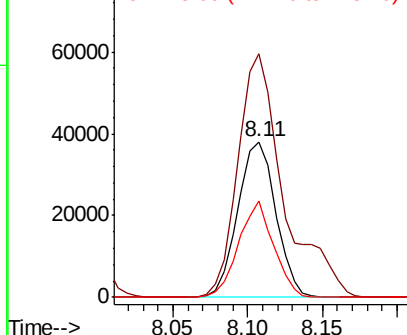
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67276
Ion Ratio Lower Upper
152 100
150 156.3 126.0 189.0
115 61.9 45.5 68.3



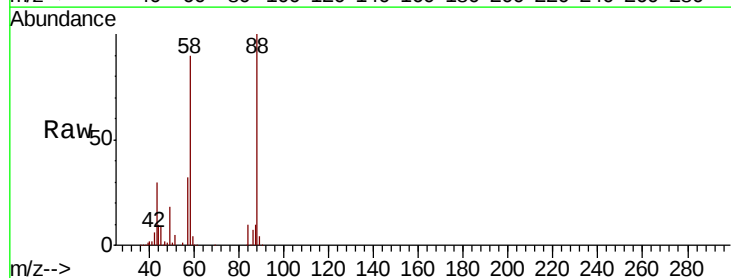
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



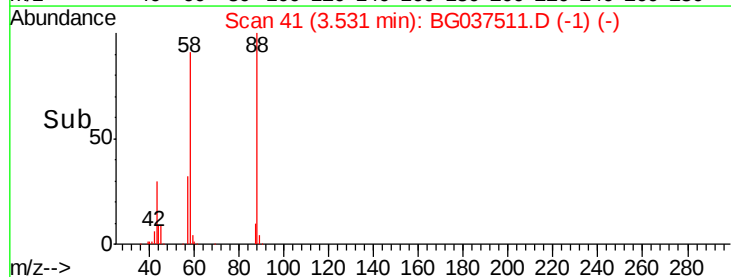
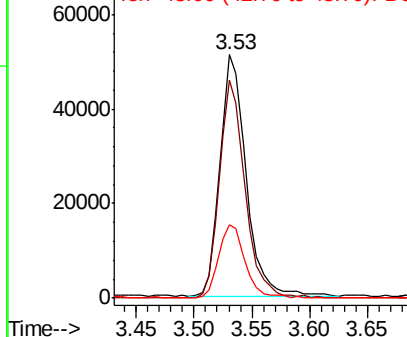
#2

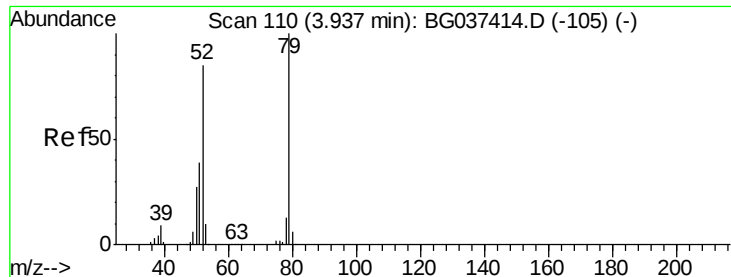
1,4-Dioxane
Concen: 39.304 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion: 88 Resp: 80207
Ion Ratio Lower Upper
88 100
58 88.3 74.4 111.6
43 30.9 25.8 38.8



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





#3

Pvridine

Concen: 38.719 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampled :

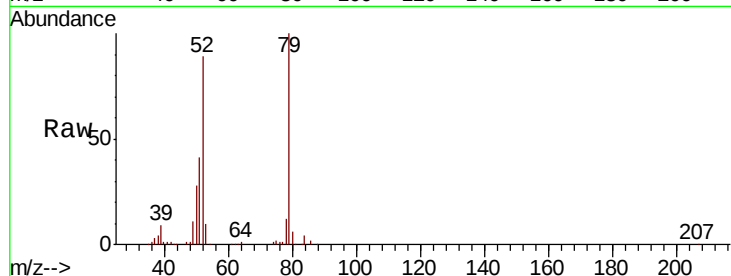
Tot Ion: 79 Resp: 199149

Ion Ratio Lower Upper

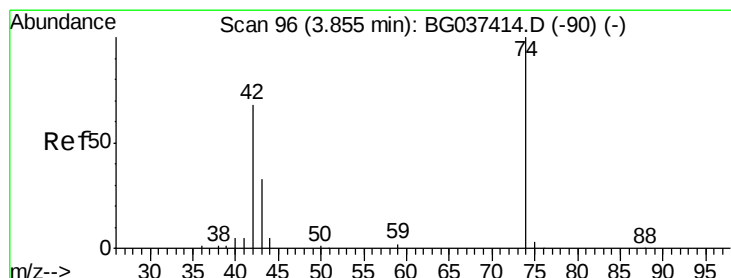
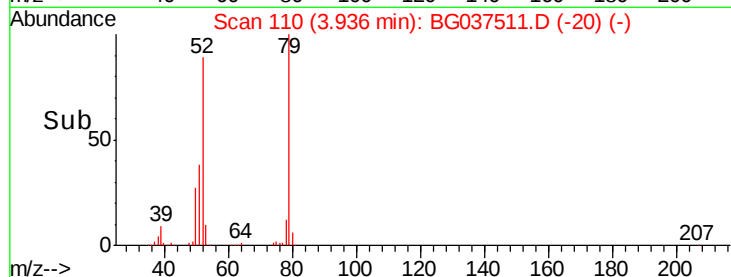
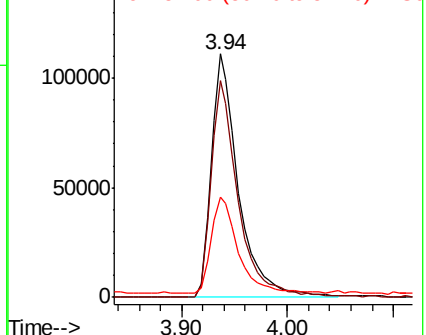
79 100

52 89.1 74.2 111.2

51 41.2 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
150000 Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.580 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

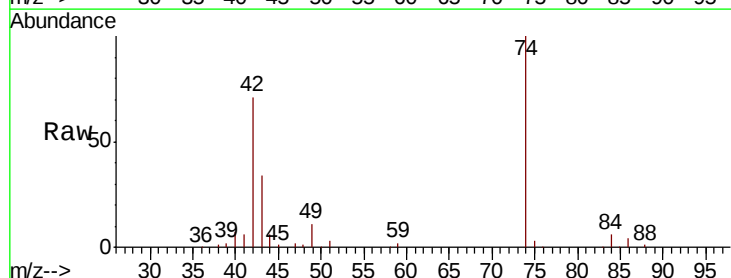
Tgt Ion: 42 Resp: 78007

Ion Ratio Lower Upper

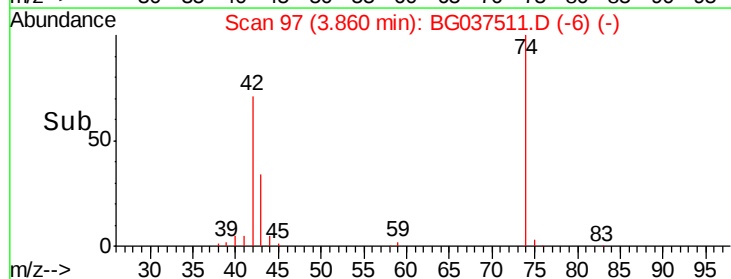
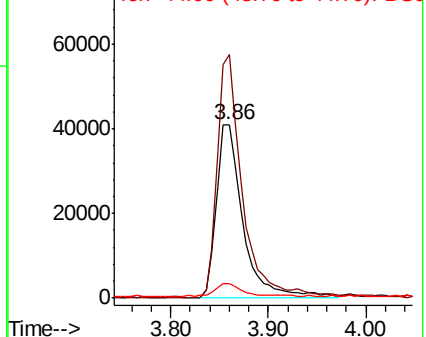
42 100

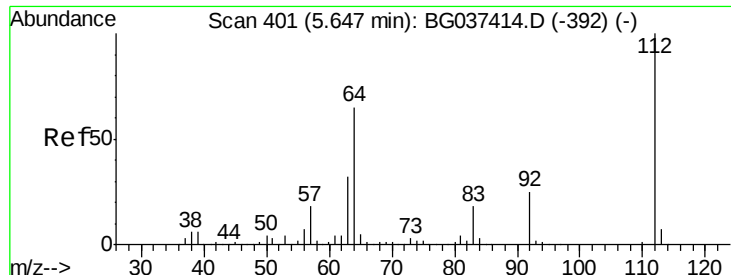
74 140.3 102.0 153.0

44 8.3 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
80000 Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.771 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

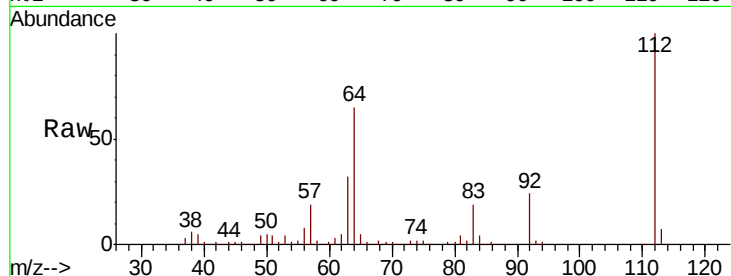
Tot Ion: 112 Resp: 321000

Ion Ratio Lower Upper

112 100

64 65.1 53.1 79.7

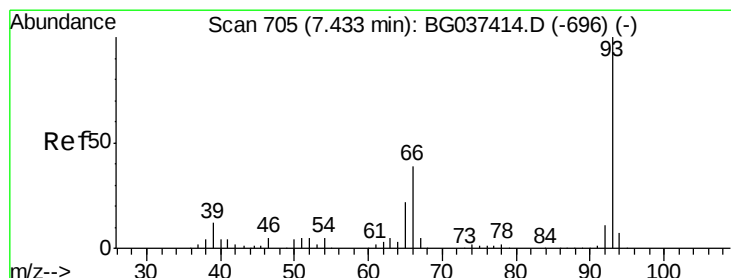
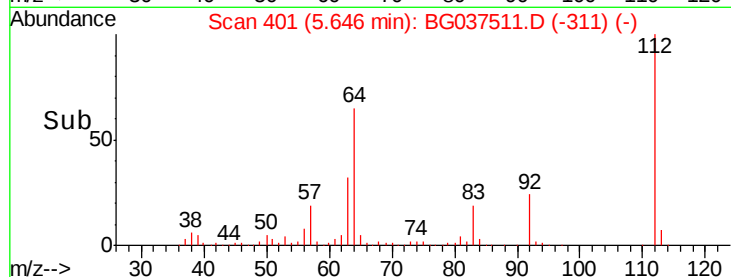
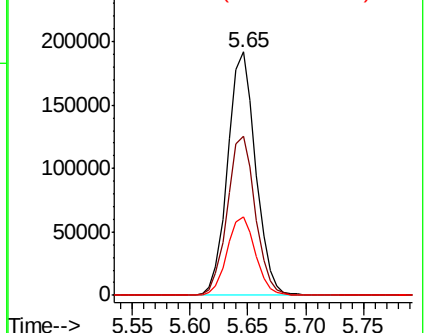
63 32.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.707 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

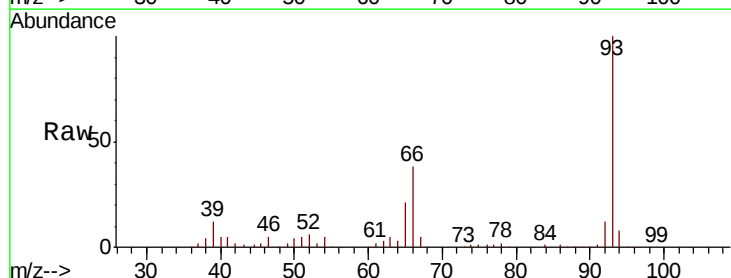
Tgt Ion: 93 Resp: 294747

Ion Ratio Lower Upper

93 100

66 38.1 32.8 49.2

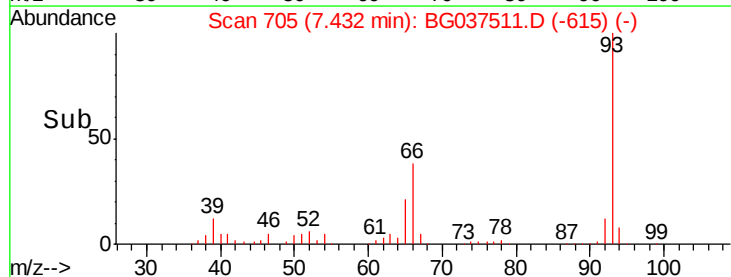
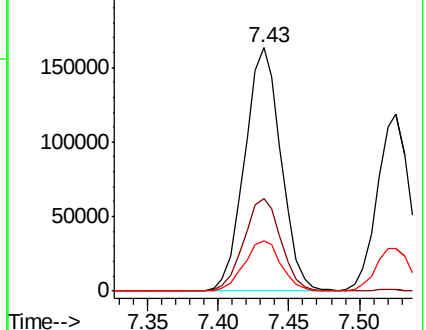
65 20.6 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.608 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

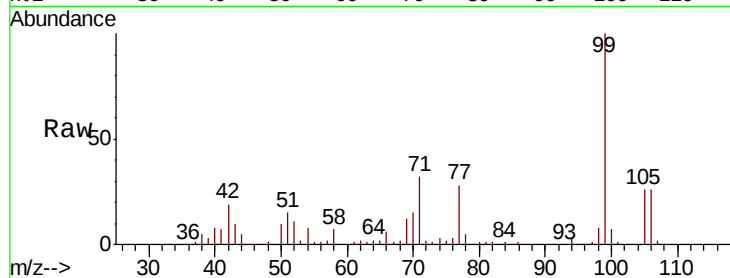
Tot Ion: 99 Resp: 484400

Ion Ratio Lower Upper

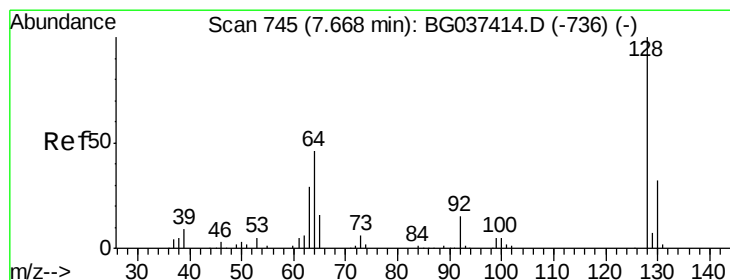
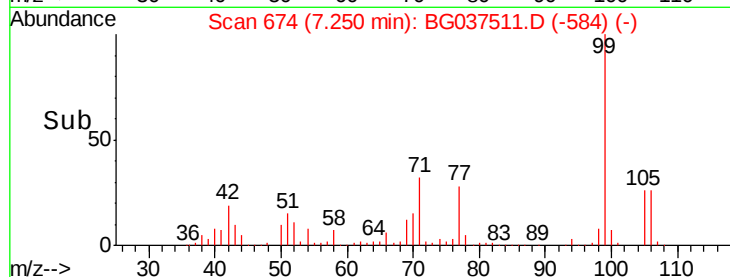
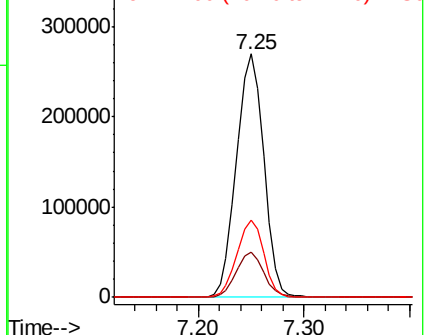
99 100

42 18.7 15.0 22.4

71 31.8 25.5 38.3



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



#8

2-Chlorophenol

Concen: 39.374 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

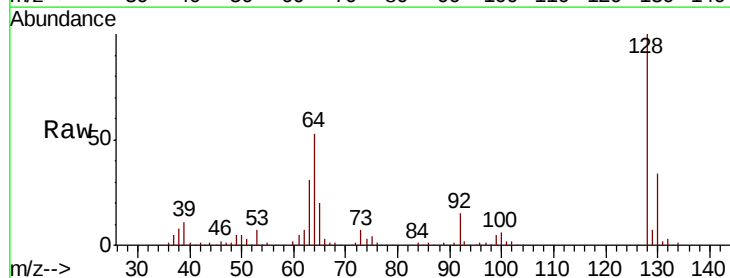
Tgt Ion: 128 Resp: 185352

Ion Ratio Lower Upper

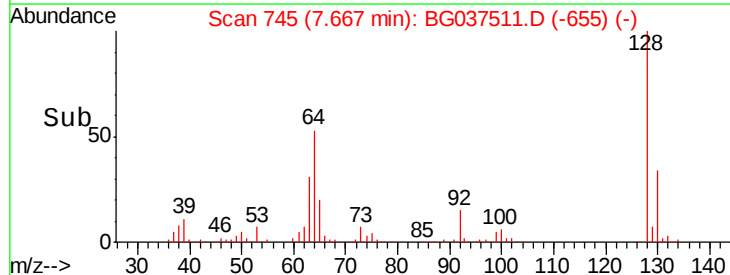
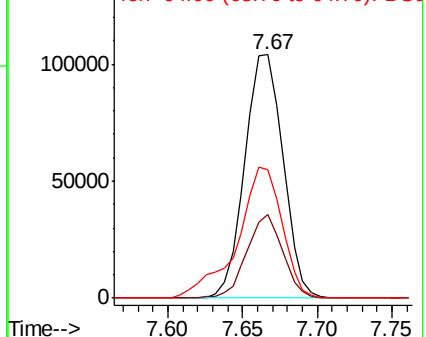
128 100

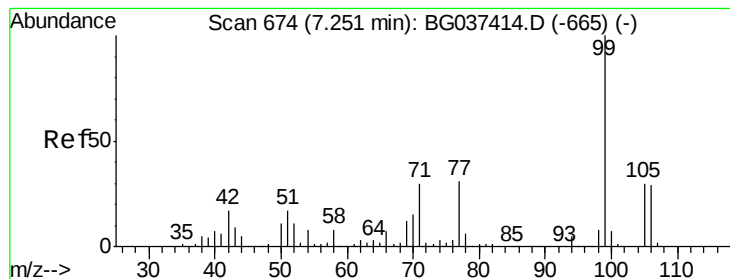
130 34.2 12.0 52.0

64 52.7 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: 36.571 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampled :

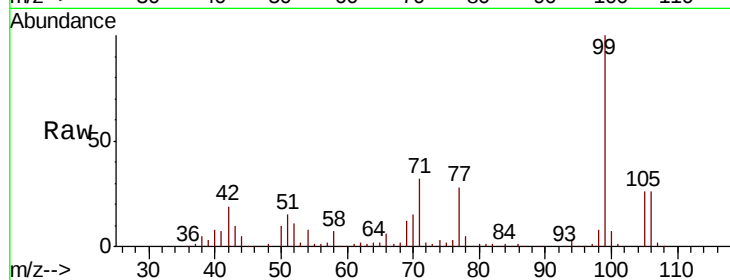
Tot Ion: 77 Resp: 139202

Ion Ratio Lower Upper

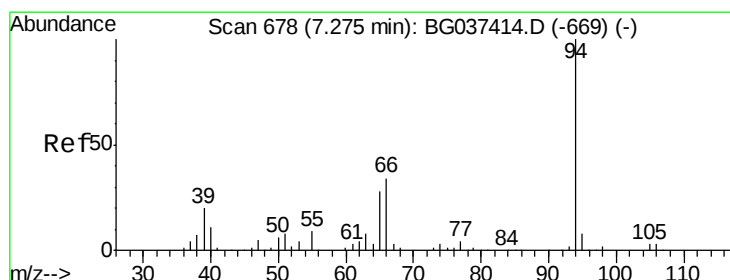
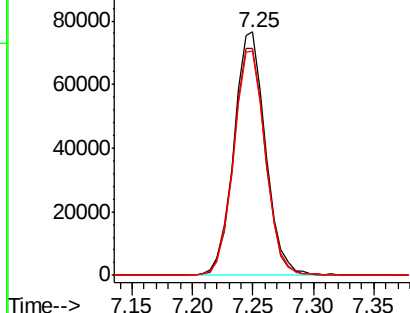
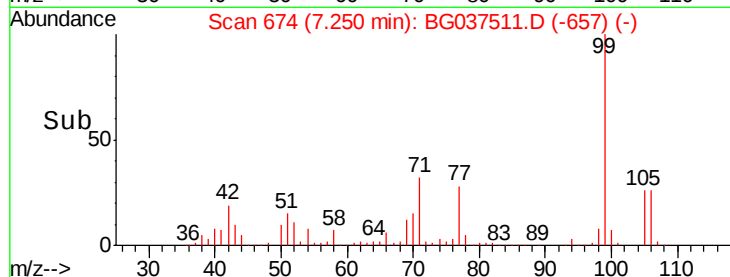
77 100

105 93.1 72.6 112.6

106 92.1 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: 39.551 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

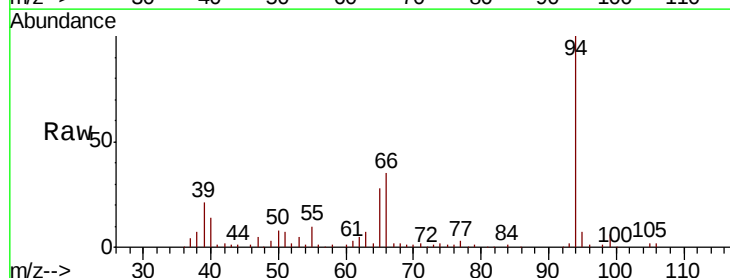
Tgt Ion: 94 Resp: 253926

Ion Ratio Lower Upper

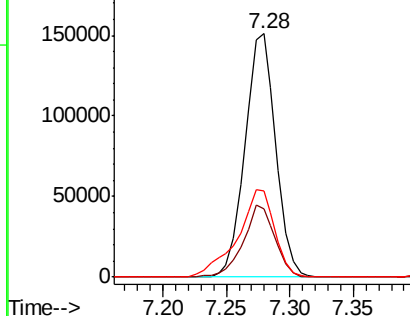
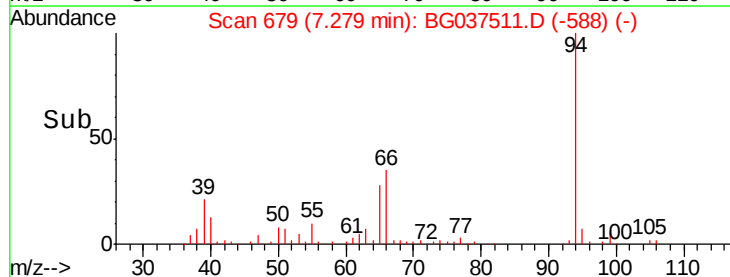
94 100

65 28.2 9.7 49.7

66 35.4 15.9 55.9



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

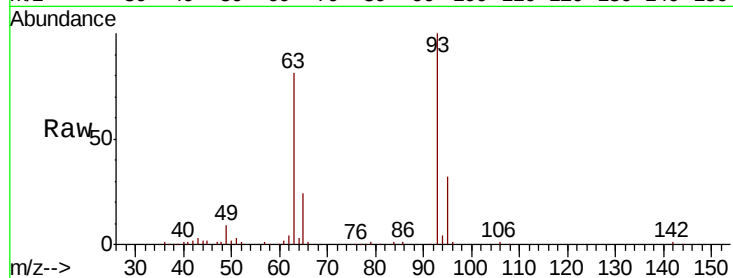




#11
bis(2-Chloroethyl)ether
Concen: 39.034 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	93	Resp	190336
Ion	Ratio	Lower	Upper
93	100		
63	80.8	69.5	109.5
95	32.1	12.6	52.6

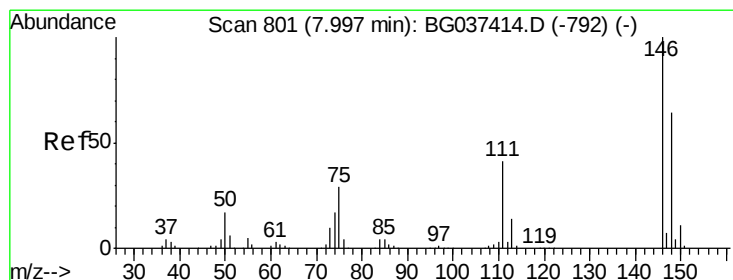
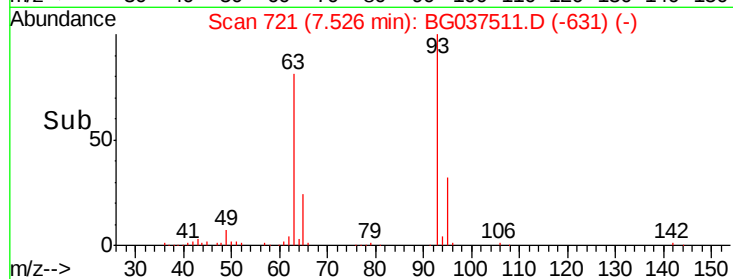
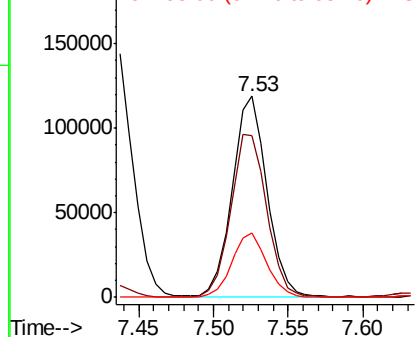


Abundance

Ion 93.00 (92.70 to 93.70): BGC

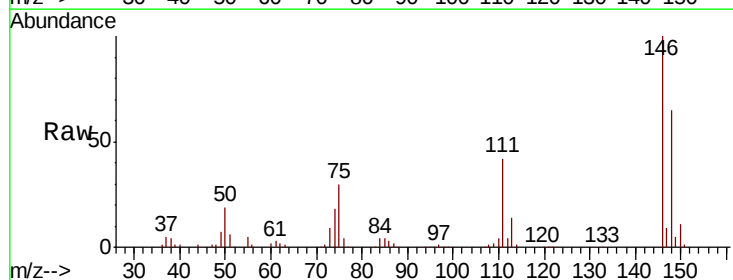
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 38.659 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion	146	Resp	202601
Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.8	74.8
75	30.4	23.2	34.8

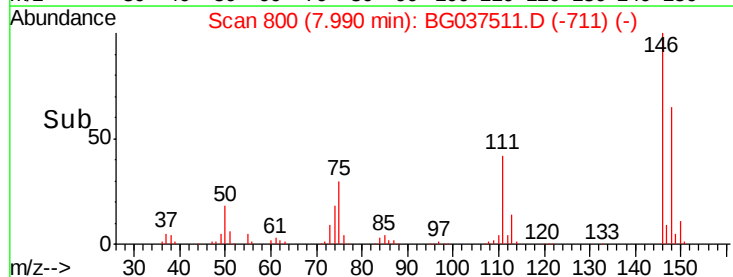
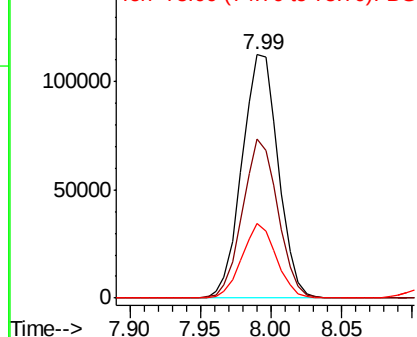


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

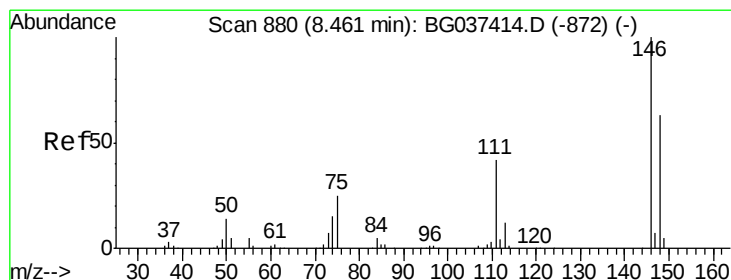
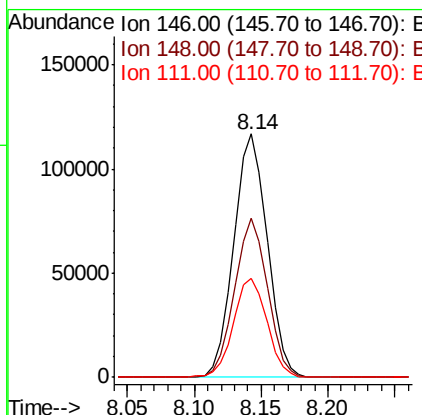
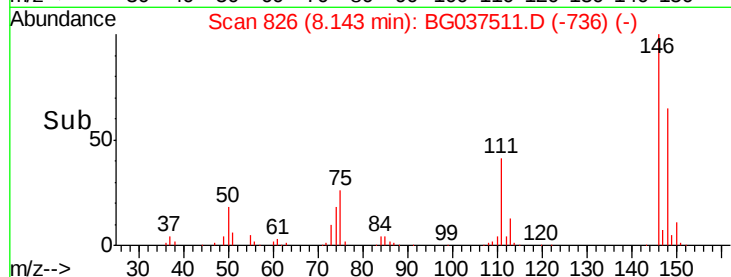
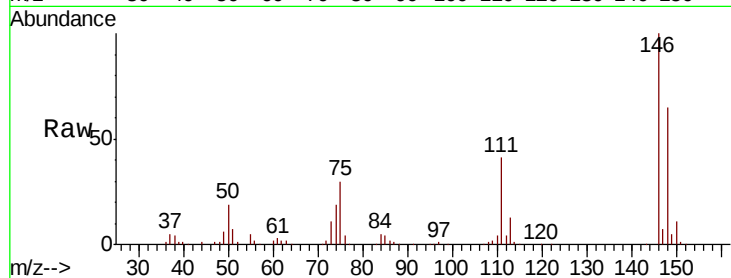




#13
 1,4-Dichlorobenzene
 Concen: 37.860 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

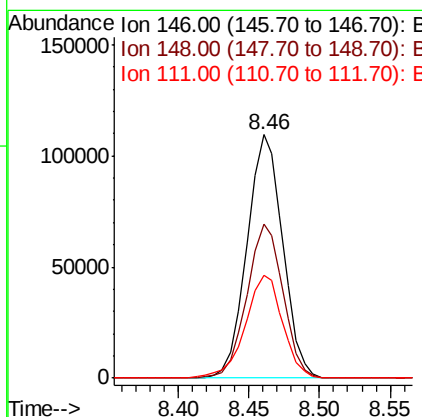
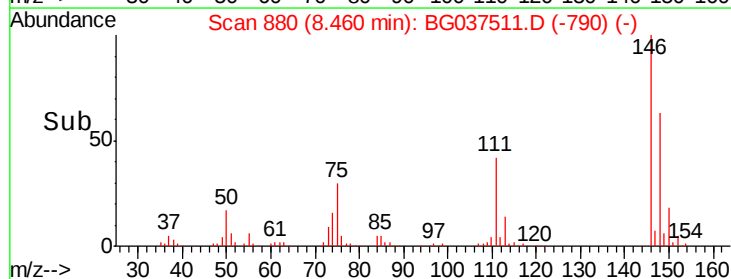
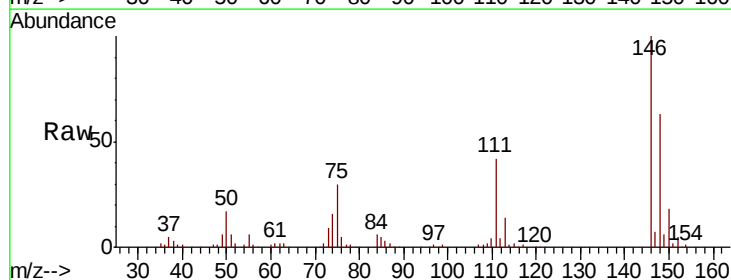
Instrument :
 BNA_G
 ClientSampleId :

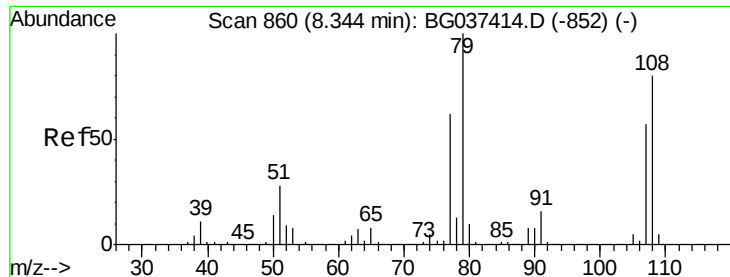
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
111	40.9	32.4	48.6



#14
 1,2-Dichlorobenzene
 Concen: 37.624 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	42.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 40.996 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

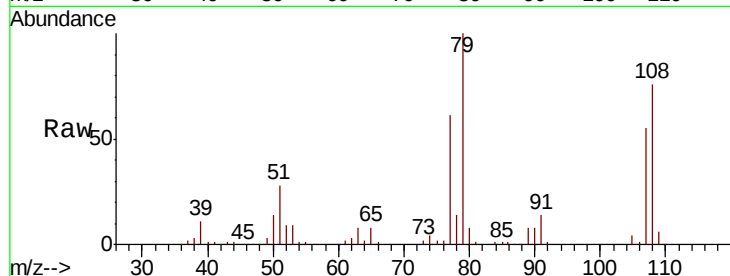
Tot Ion: 79 Resp: 184320

Ion Ratio Lower Upper

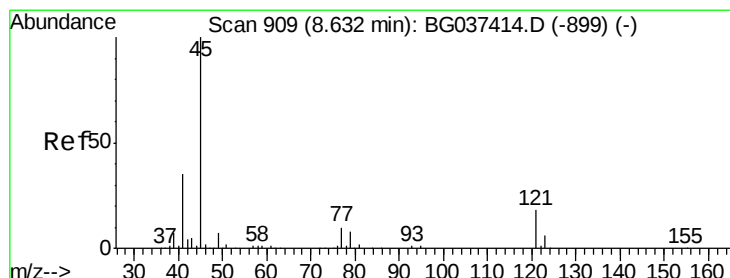
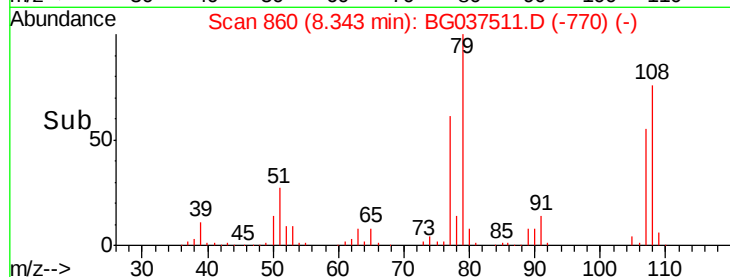
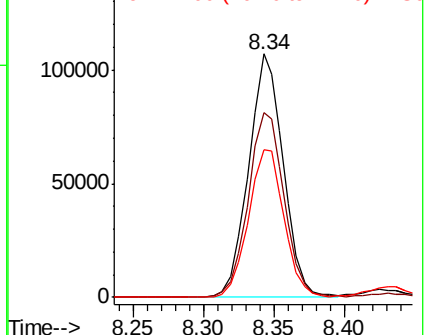
79 100

108 75.6 65.8 98.8

77 60.8 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.620 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

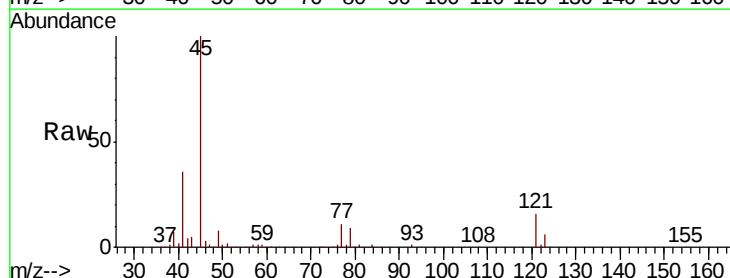
Tgt Ion: 45 Resp: 354398

Ion Ratio Lower Upper

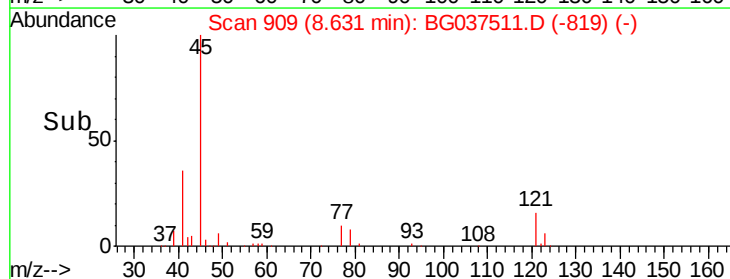
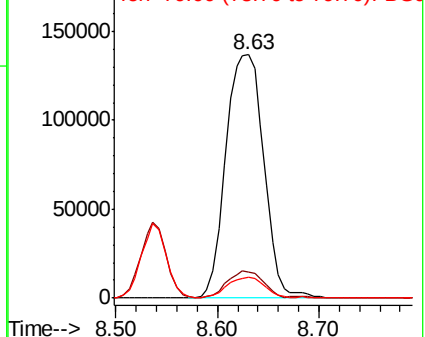
45 100

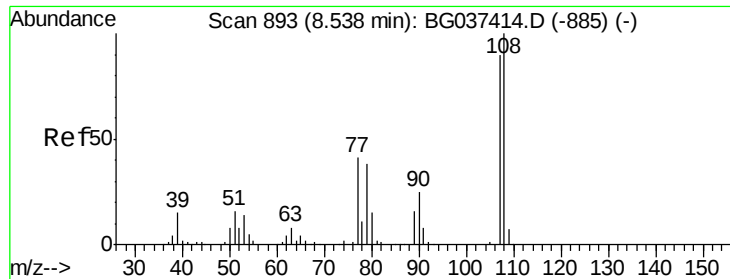
77 10.9 0.0 30.0

79 8.7 0.0 29.0



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

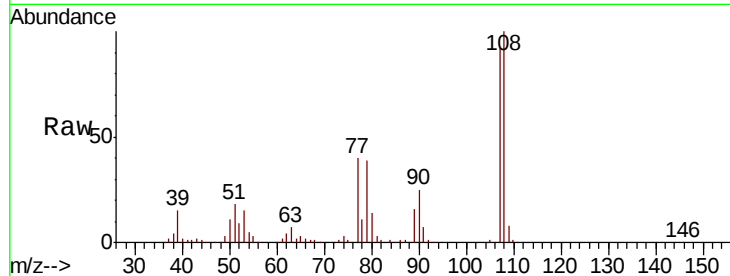




#17
2-Methylphenol
Concen: 40.415 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.5	87.9	131.9
77	42.9	35.1	52.7
79	42.7	34.5	51.7



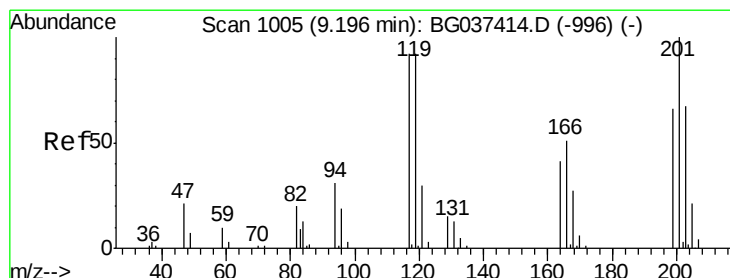
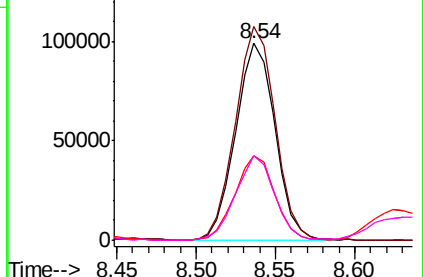
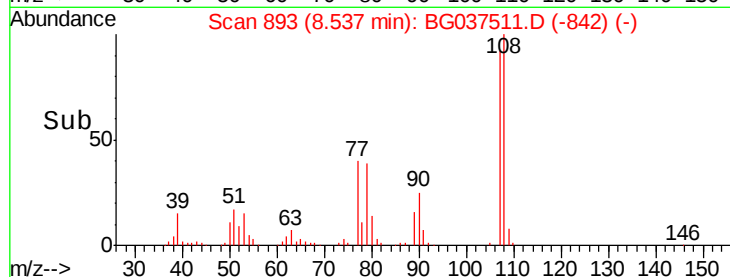
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

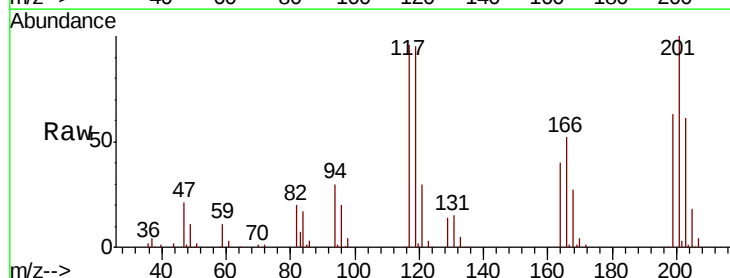
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.568 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	74.6	111.8
201	107.2	80.8	121.2

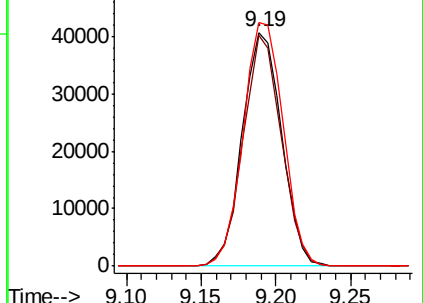
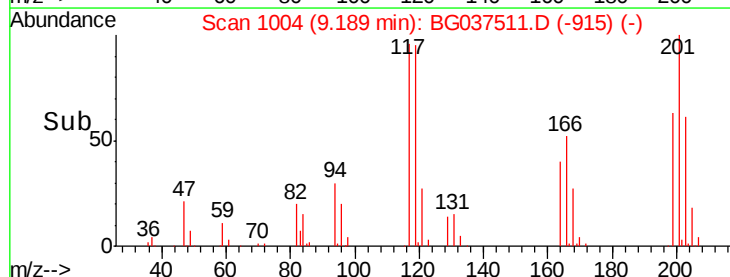


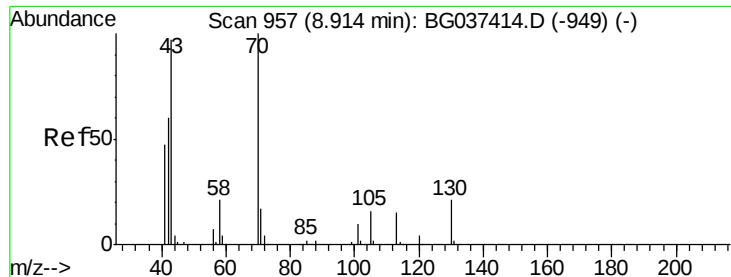
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

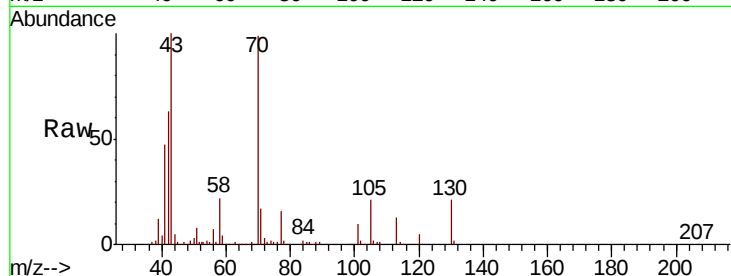




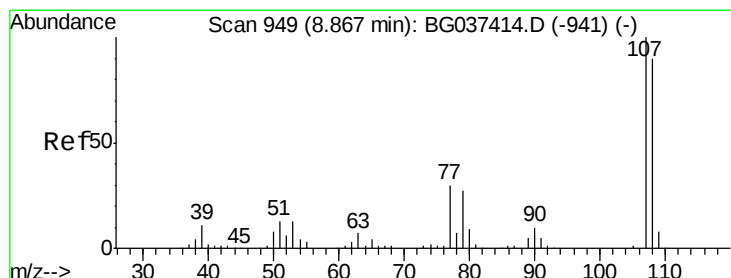
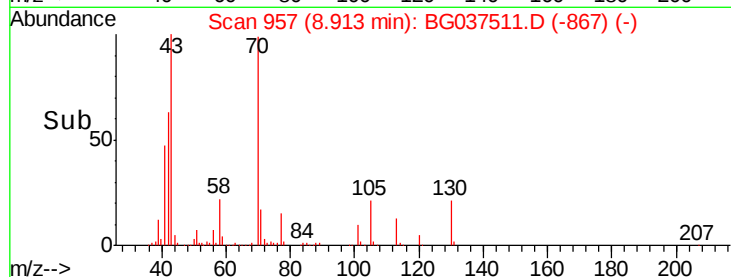
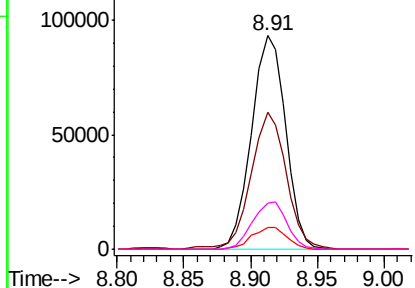
#19
n-Nitroso-di-n-propylamine
Concen: 39.205 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	164274
Ion	Ratio	Lower	Upper
70	100		
42	63.8	53.9	80.9
101	10.3	8.2	12.2
130	21.5	18.2	27.4

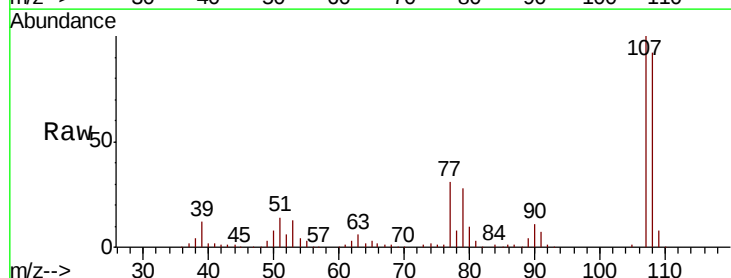


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

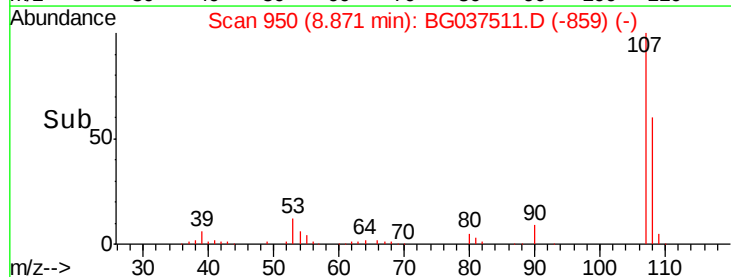
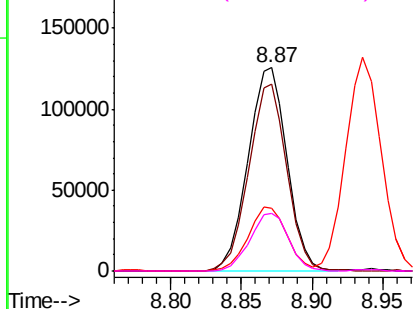


#20
3+4-Methylphenols
Concen: 40.057 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion:	107	Resp:	243086
Ion	Ratio	Lower	Upper
107	100		
108	92.0	69.9	109.9
77	30.9	11.2	51.2
79	28.2	6.6	46.6



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

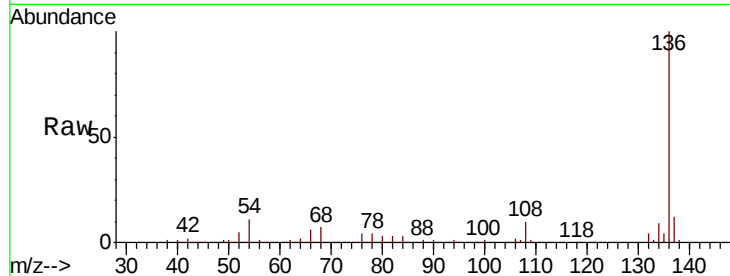




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	316171
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.6 14.4
54	10.6	7.9 11.9
68	6.5	4.8 7.2



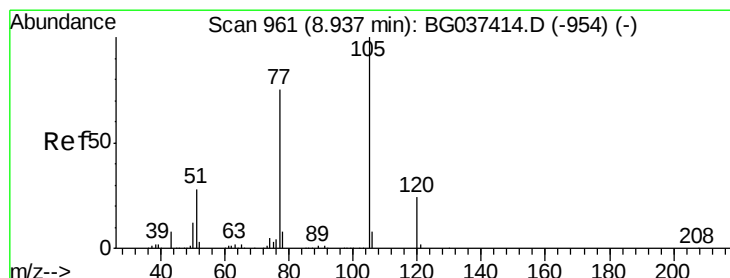
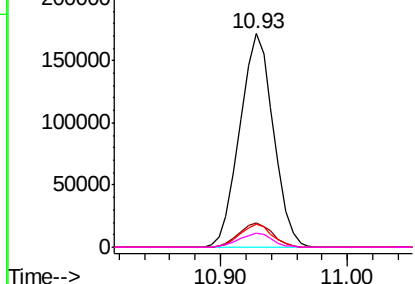
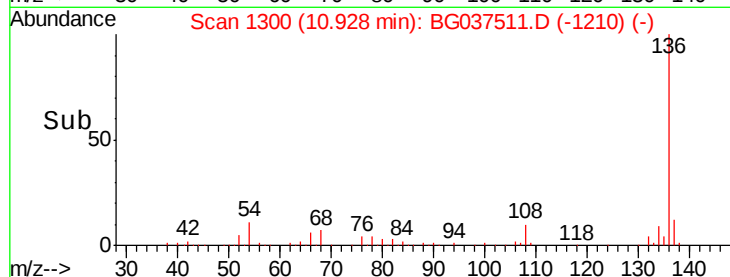
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

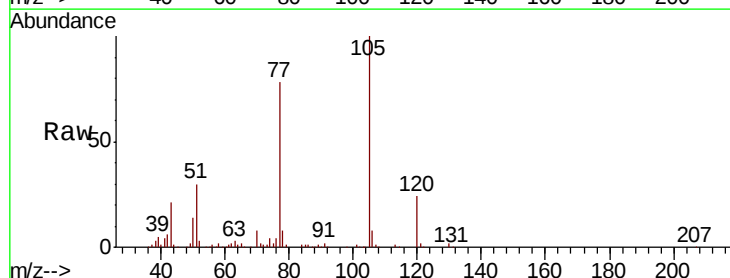
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.874 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion:105	Resp:	300316
Ion	Ratio	Lower Upper
105	100	
71	1.6	1.2 1.8
51	30.2	25.0 37.6
120	24.0	18.6 28.0



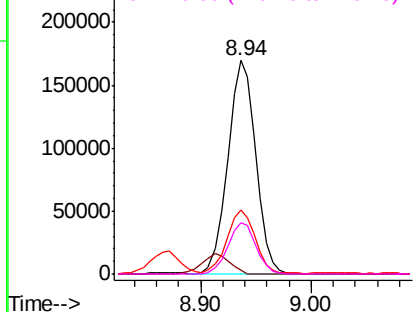
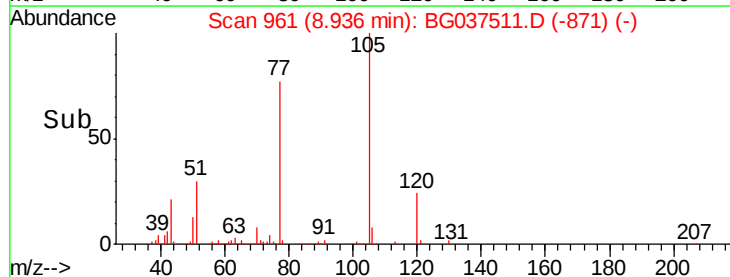
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

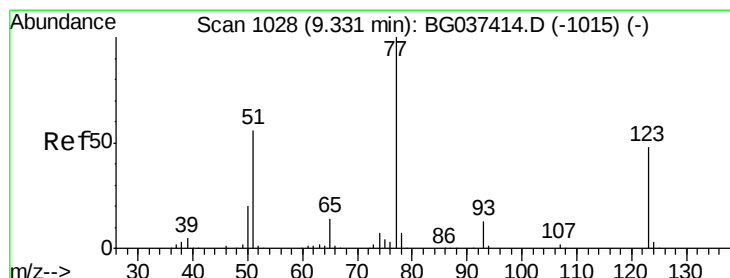
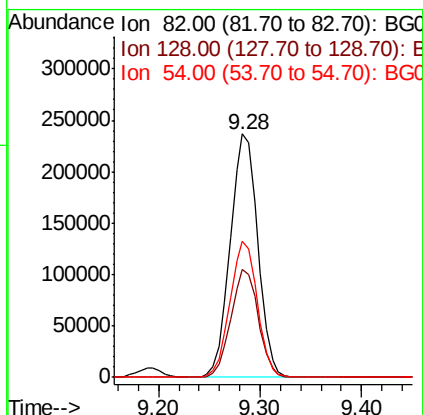
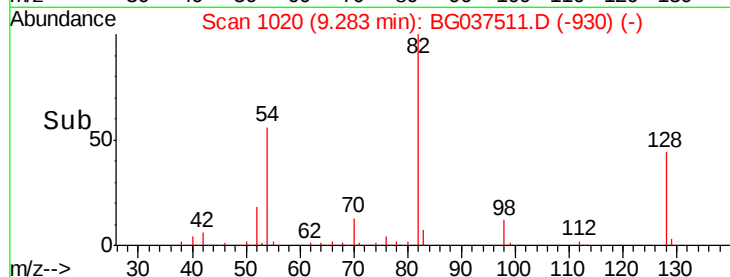
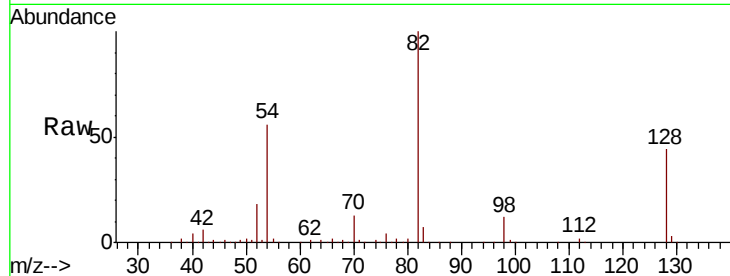




#23
 Nitrobenzene-d5
 Concen: 79.031 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

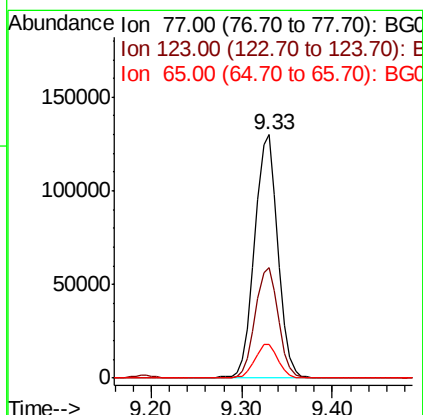
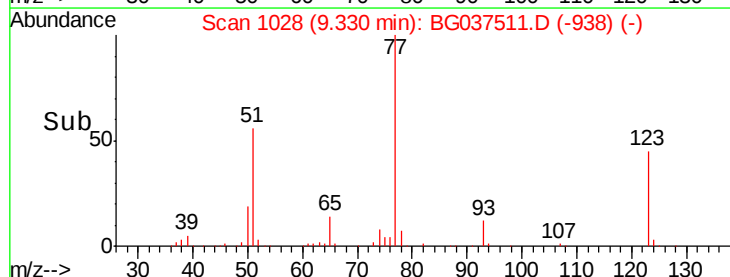
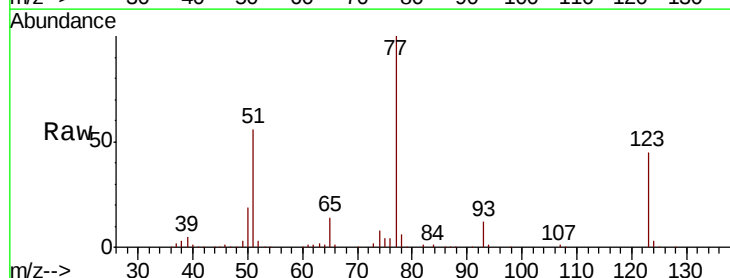
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	446053
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.6	51.8
54	55.9	45.3	67.9



#24
 Nitrobenzene
 Concen: 39.356 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion	77	Resp	230755
Ion Ratio	Lower	Upper	
77	100		
123	45.2	33.6	50.4
65	13.9	11.3	16.9

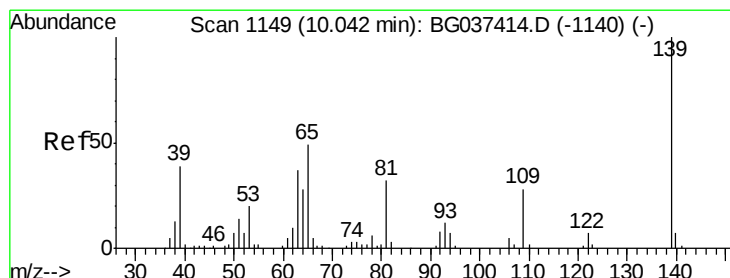
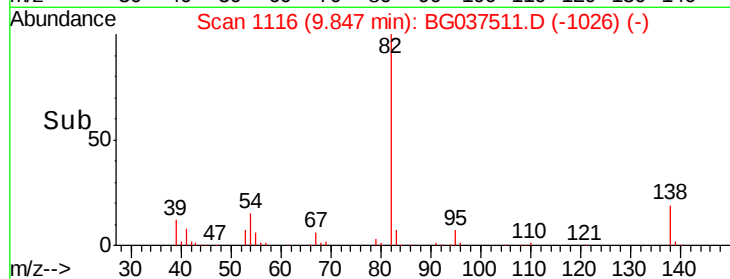
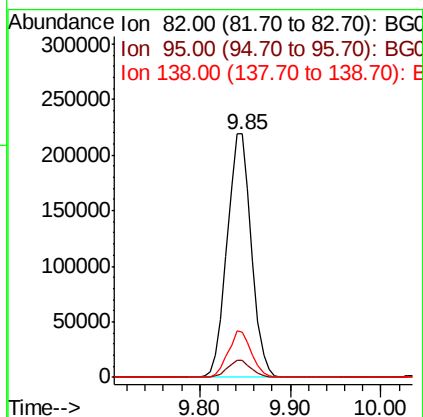
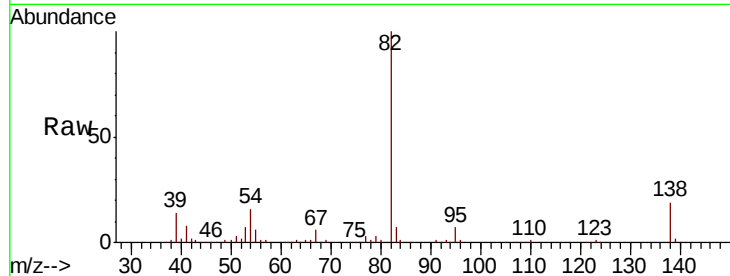




#25
Isophorone
Concen: 39.497 ng
RT: 9.85 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

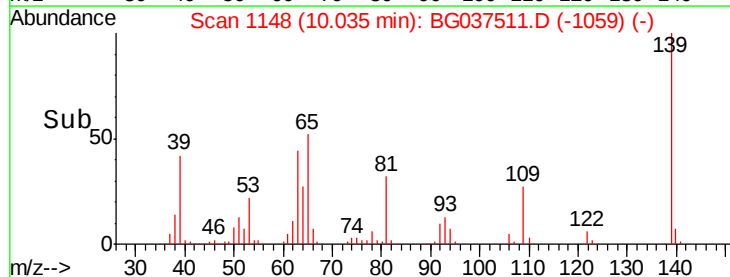
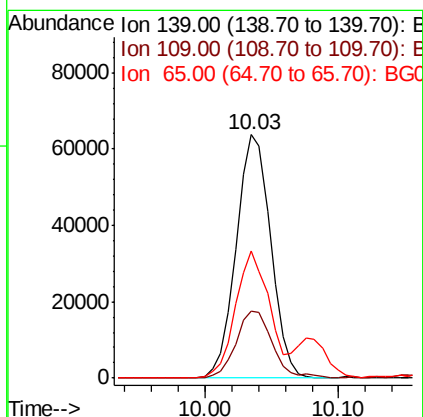
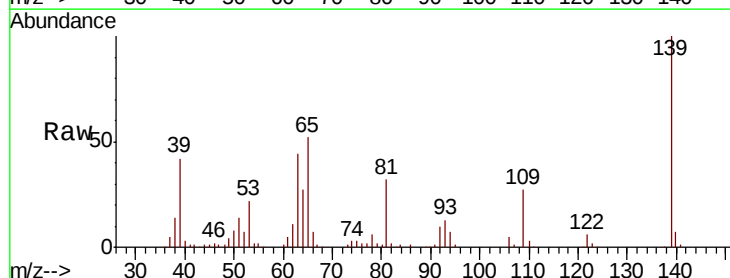
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 407313
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 18.5 13.3 19.9



#26
2-Nitrophenol
Concen: 43.233 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion: 139 Resp: 114193
Ion Ratio Lower Upper
139 100
109 27.3 23.3 34.9
65 52.4 39.8 59.8

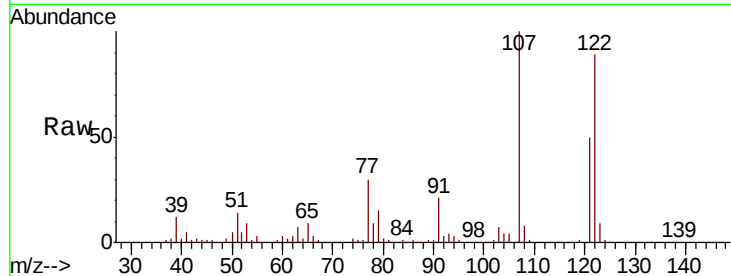




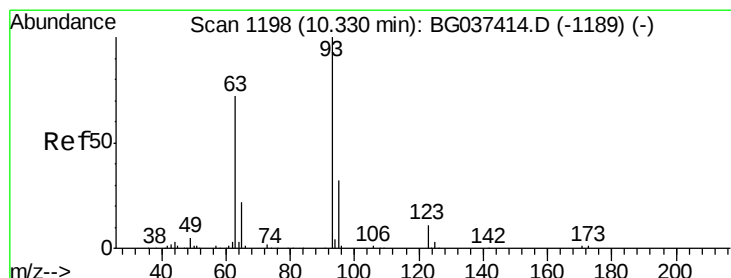
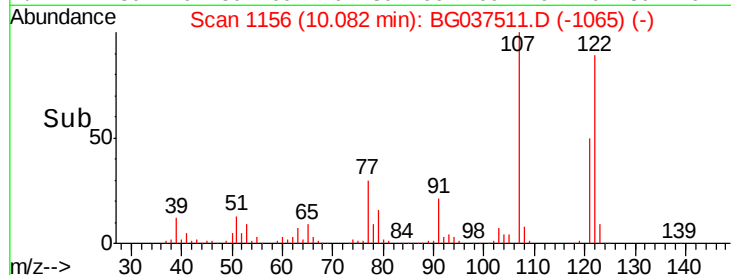
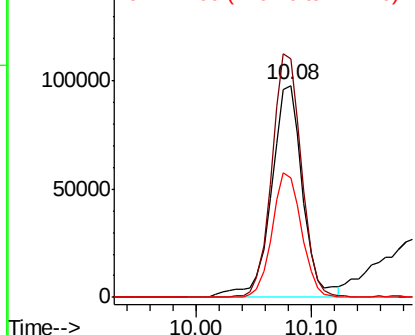
#27
 2,4-Dimethylphenol
 Concen: 39.204 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 184889
 Ion Ratio Lower Upper
 122 100
 107 112.8 94.2 141.2
 121 56.3 47.3 70.9

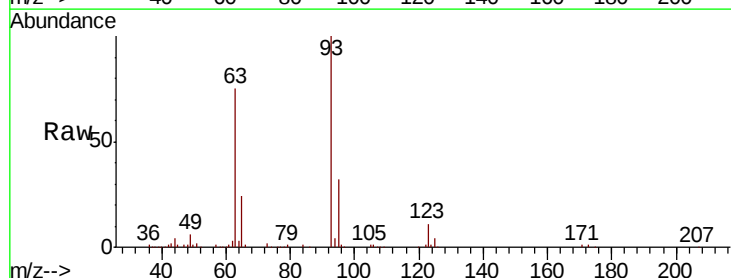


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

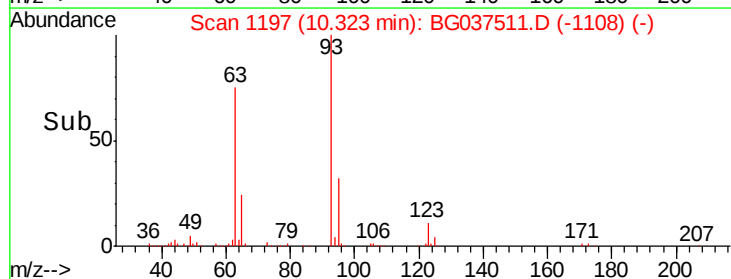
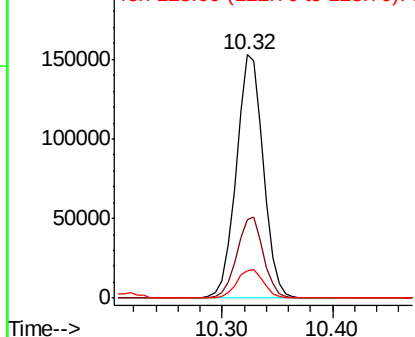


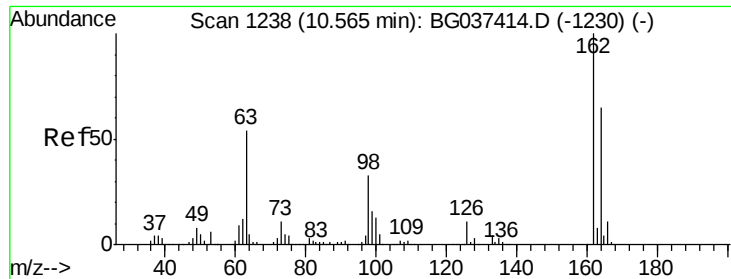
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.885 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion: 93 Resp: 262730
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.6 37.0
 123 11.0 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

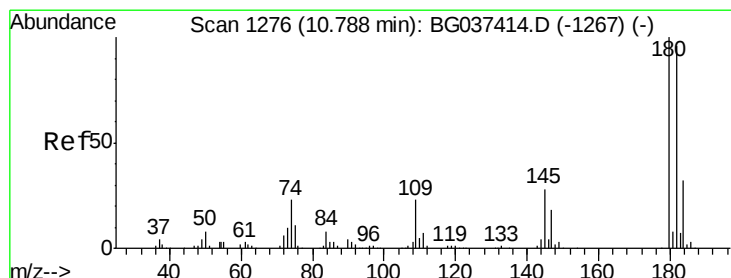
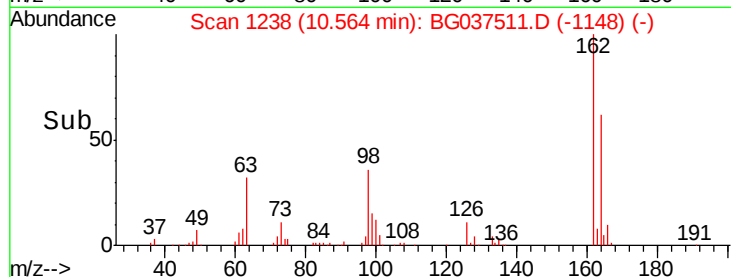
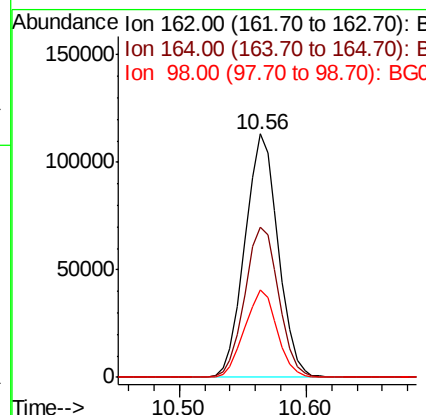
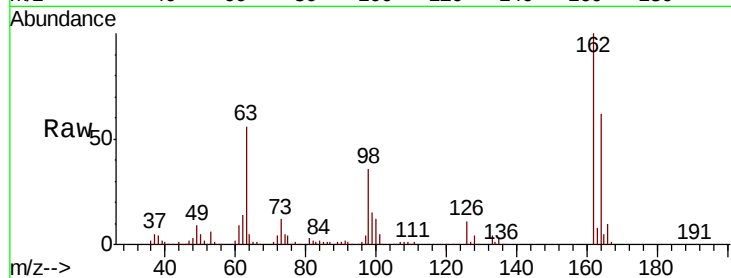




#29
 2,4-Dichlorophenol
 Concen: 39.193 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

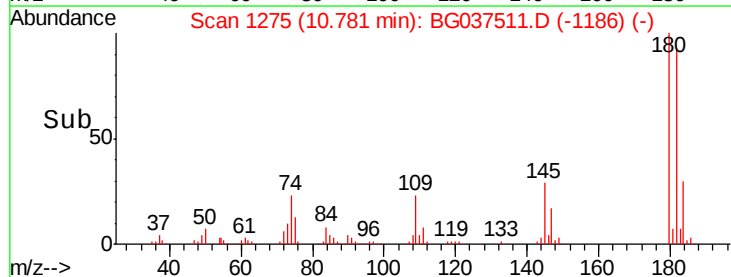
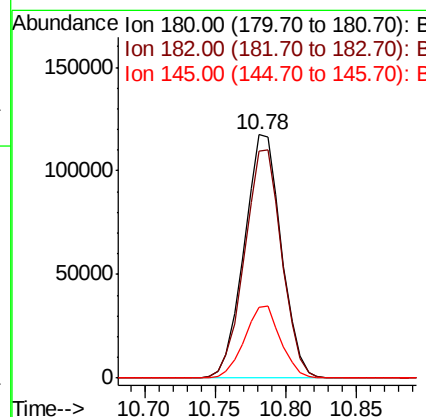
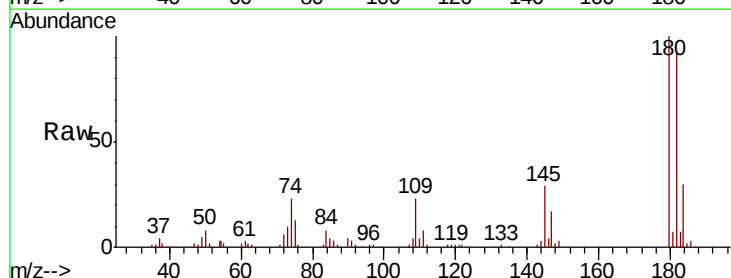
Instrument :
 BNA_G
 ClientSampled :

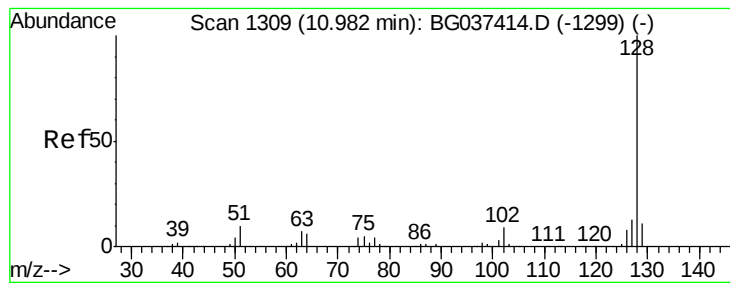
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.2	83.2
98	36.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.863 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.7	116.5
145	29.0	23.3	34.9





#31

Naphthalene

Concen: 38.150 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

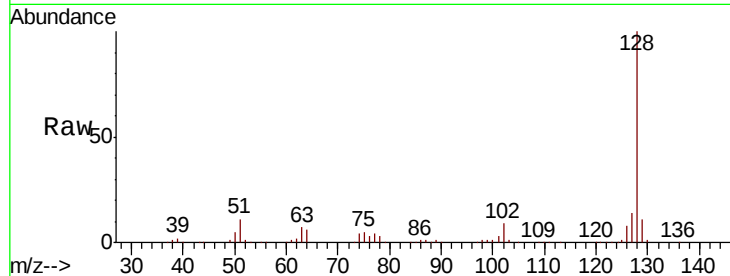
Tot Ion:128 Resp: 592456

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

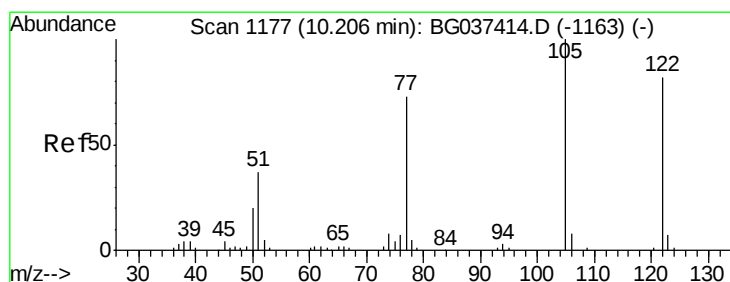
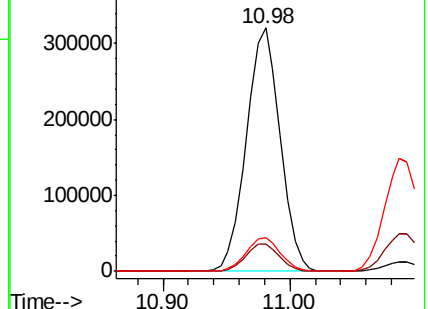
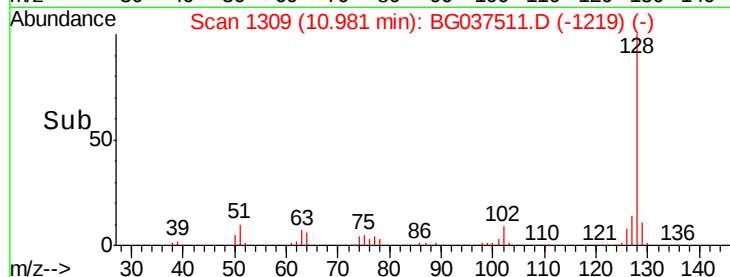
127 13.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.896 ng

RT: 10.21 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

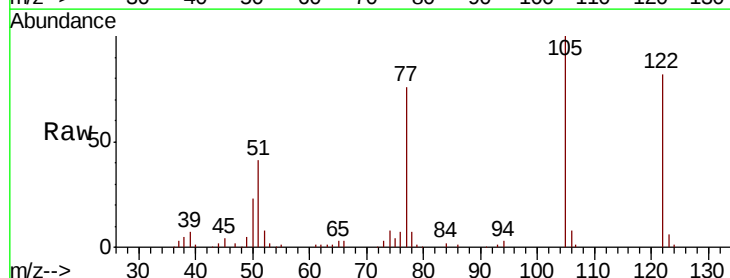
Tgt Ion:122 Resp: 152838

Ion Ratio Lower Upper

122 100

105 122.4 106.7 146.7

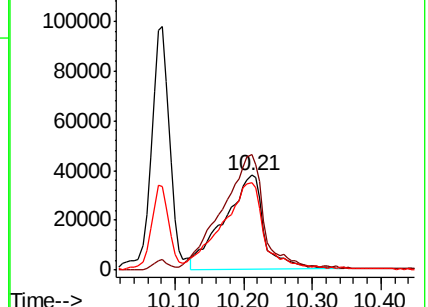
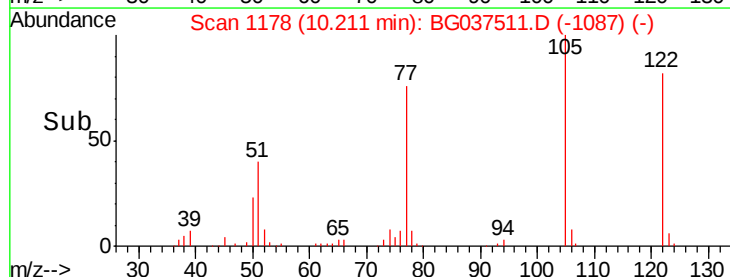
77 92.4 72.2 112.2

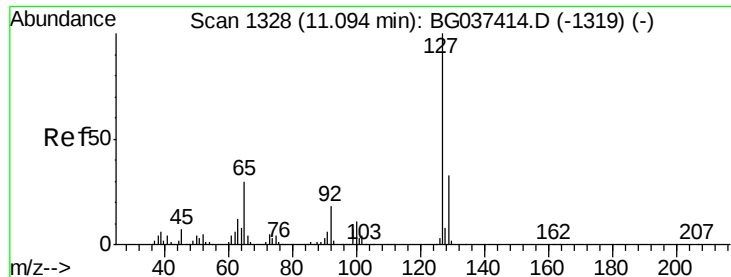


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

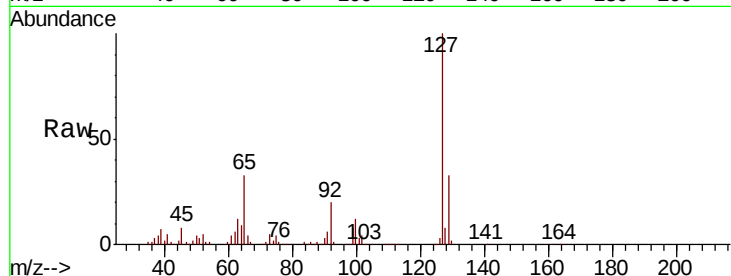




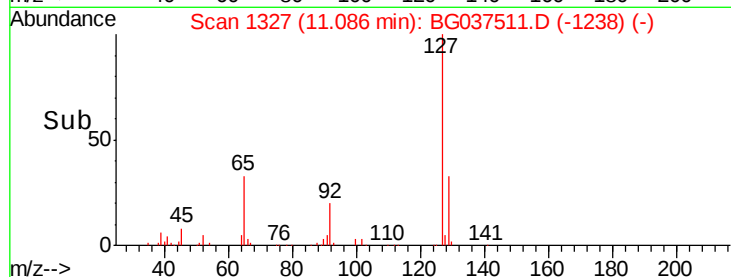
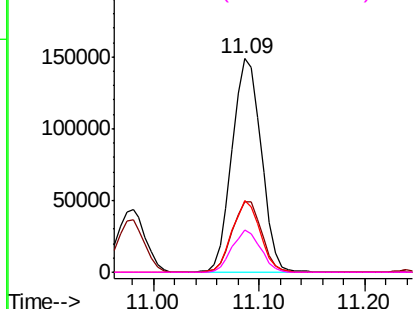
#33
4-Chloroaniline
Concen: 39.127 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	285497
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.1	40.7
65	33.3	26.6	39.8
92	20.0	16.4	24.6

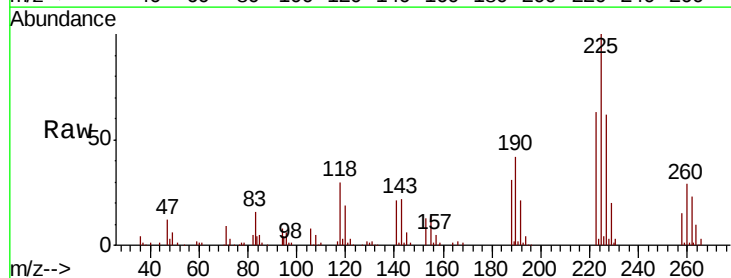


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

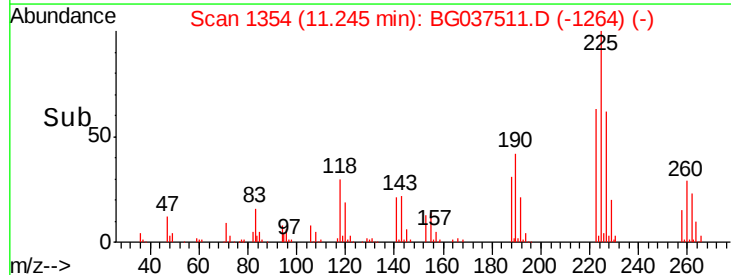
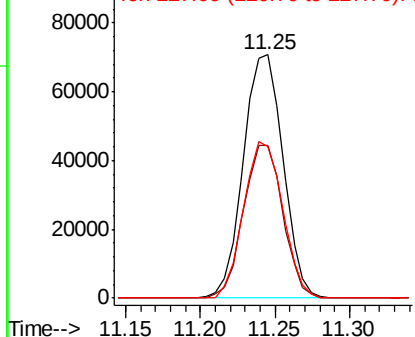


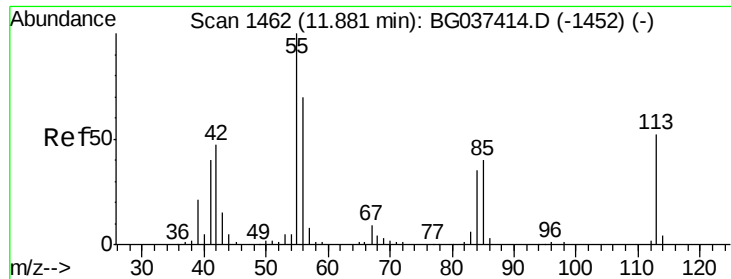
#34
Hexachlorobutadiene
Concen: 38.458 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion:	225	Resp:	130155
Ion	Ratio	Lower	Upper
225	100		
223	60.3	48.2	72.4
227	62.5	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

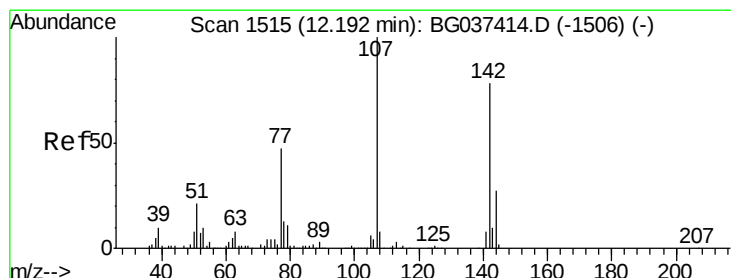
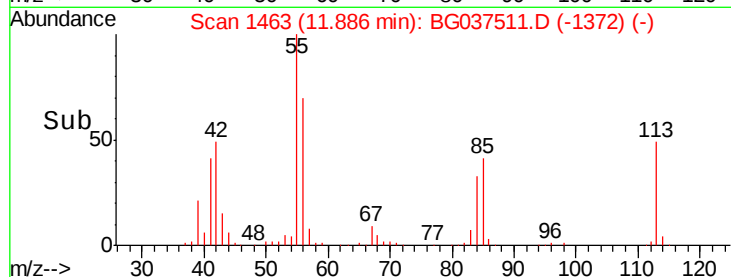
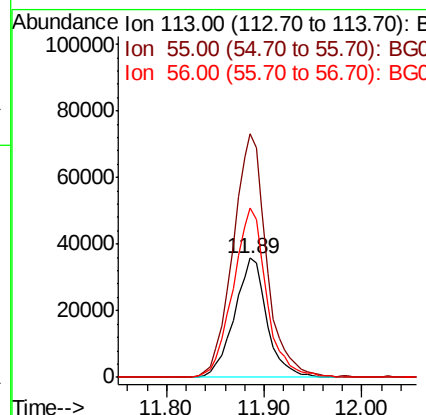
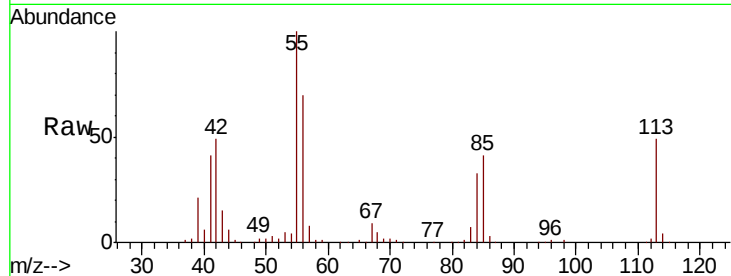




#35
Caprolactam
Concen: 39.055 ng
RT: 11.89 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

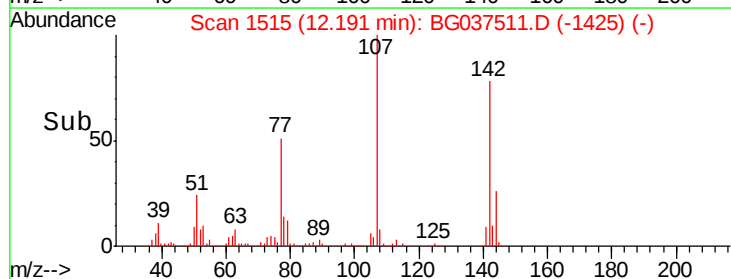
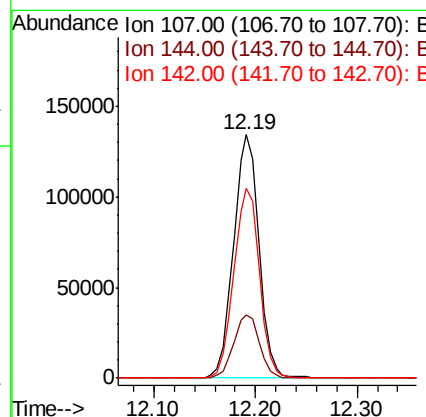
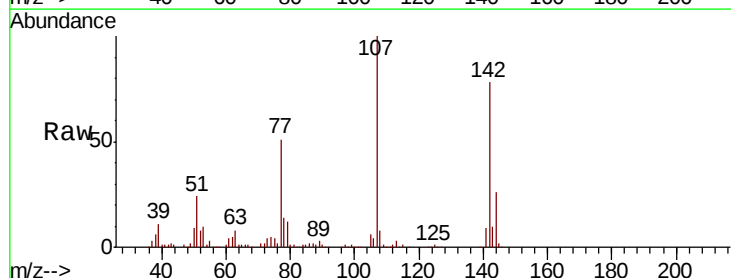
Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 82247
Ion Ratio Lower Upper
113 100
55 204.2 176.6 216.6
56 142.1 128.3 168.3



#36
4-Chloro-3-methylphenol
Concen: 39.423 ng
RT: 12.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion:107 Resp: 233456
Ion Ratio Lower Upper
107 100
144 26.1 20.7 31.1
142 78.0 64.4 96.6

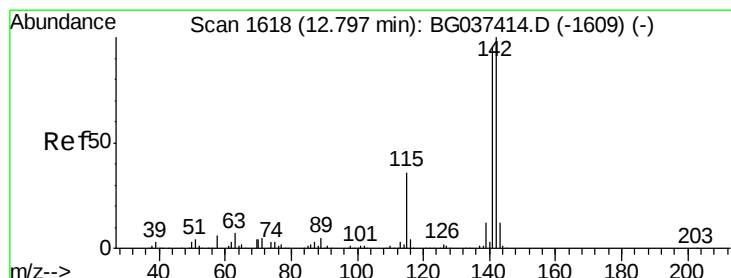
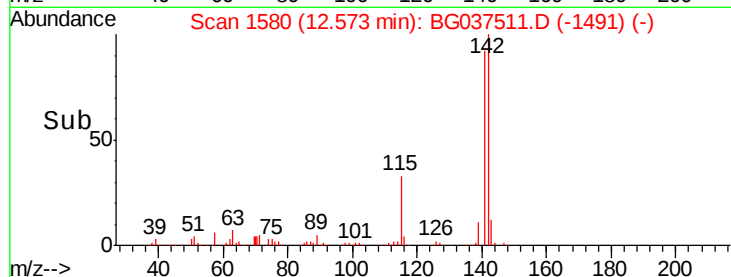
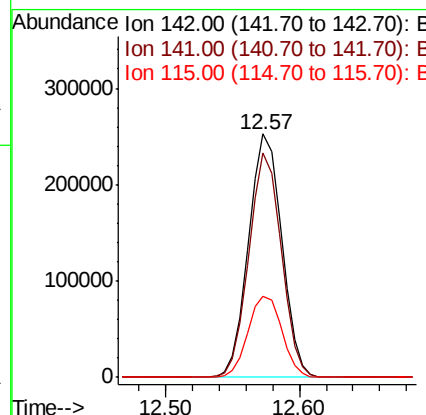
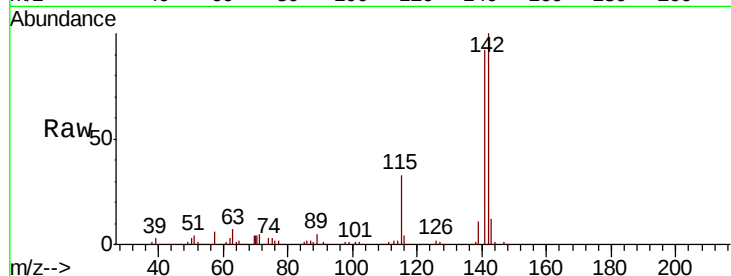




#37
 2-Methylnaphthalene
 Concen: 38.291 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

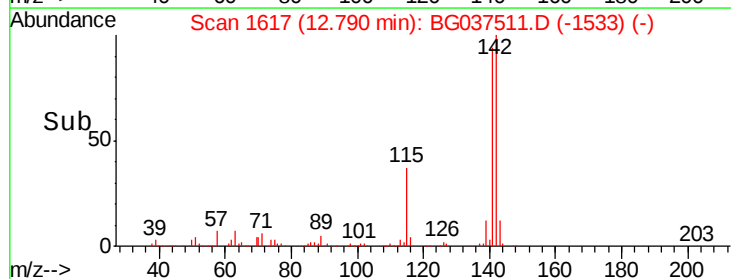
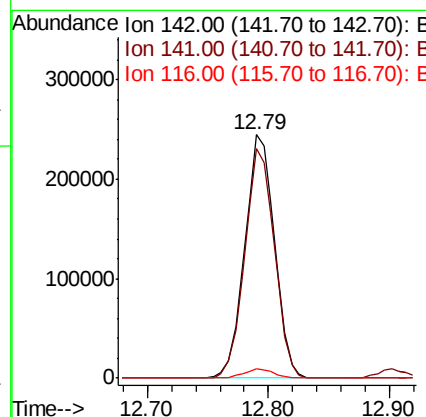
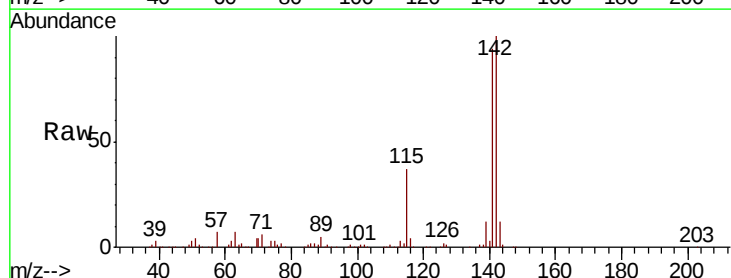
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.9	107.9
115	33.4	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 38.245 ng
 RT: 12.79 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

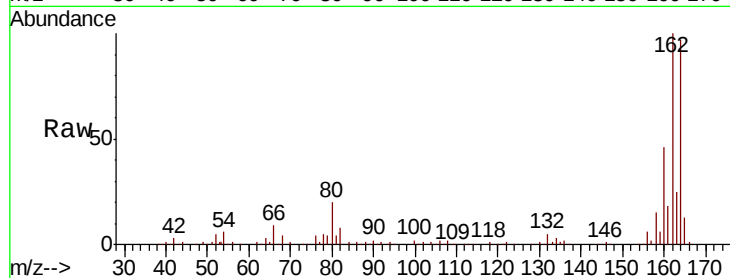
Tot Ion:164 Resp: 205051

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

160 47.5 36.3 54.5

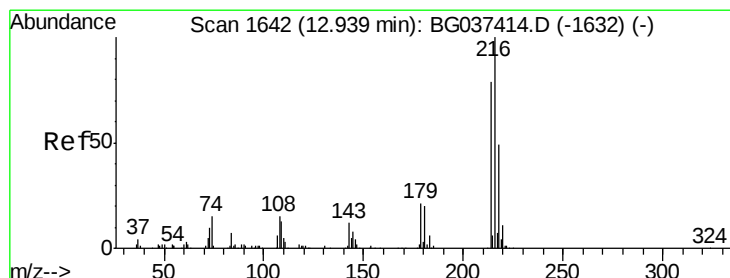
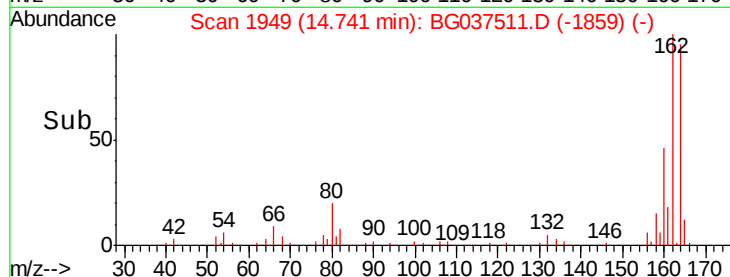
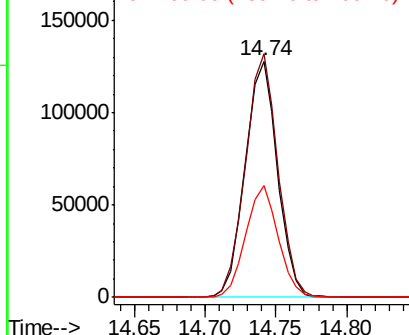


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.584 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Tgt Ion:216 Resp: 255192

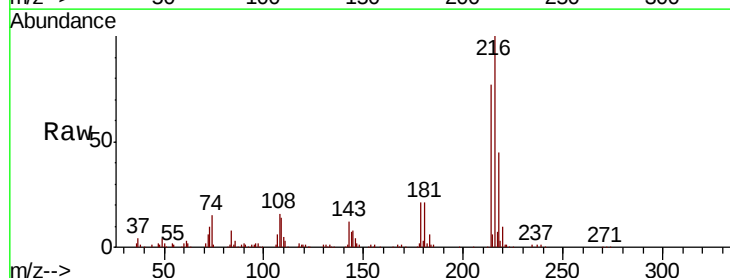
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 21.6 17.4 26.0

108 17.7 13.9 20.9



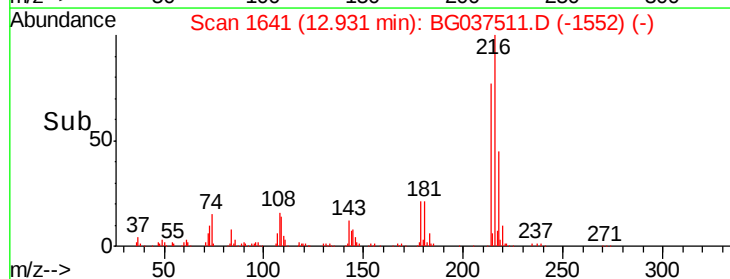
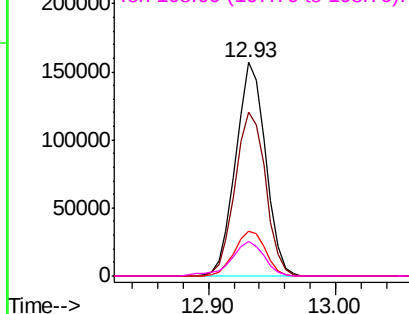
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.157 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampled :

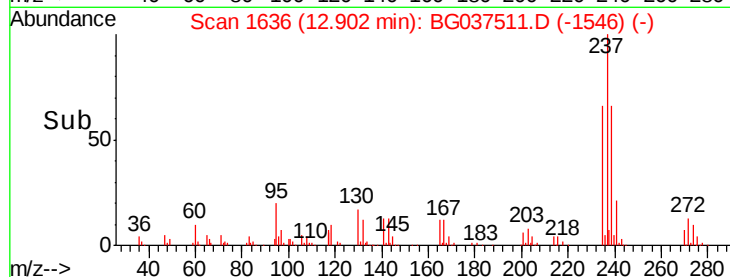
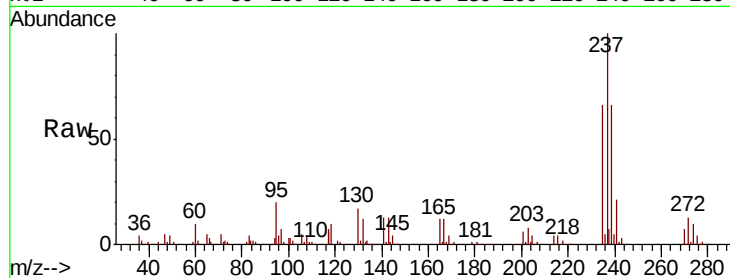
Tot Ion:237 Resp: 120551

Ion Ratio Lower Upper

237 100

235 66.3 42.5 82.5

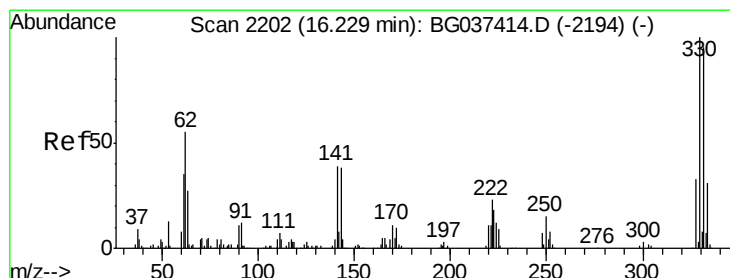
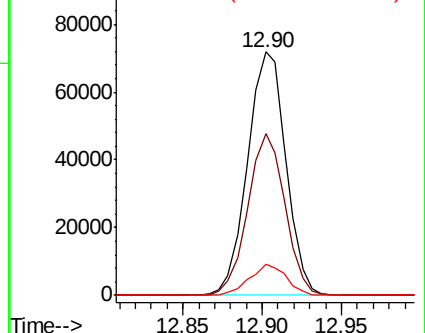
272 12.6 0.0 31.6



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: 79.468 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

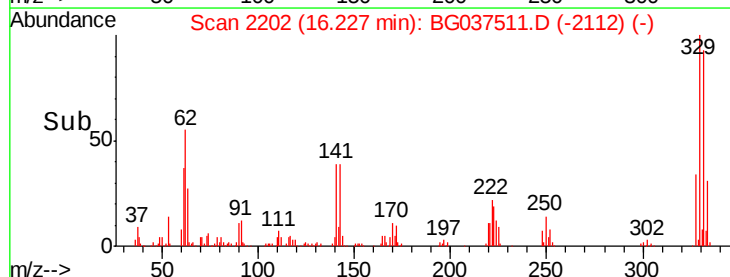
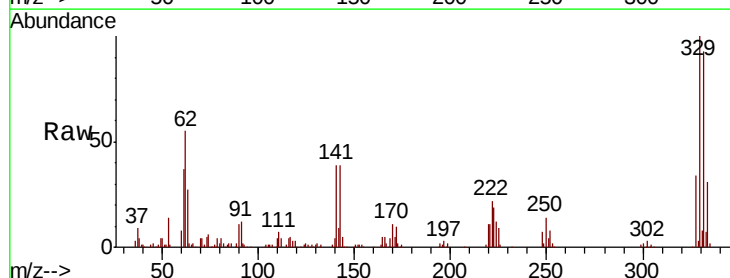
Tgt Ion:330 Resp: 177728

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

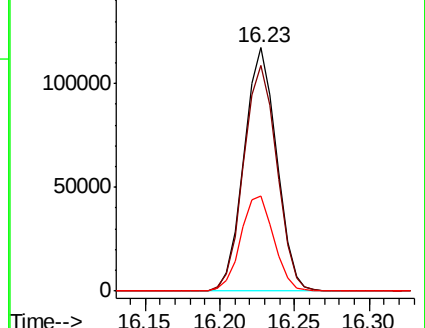
141 39.7 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

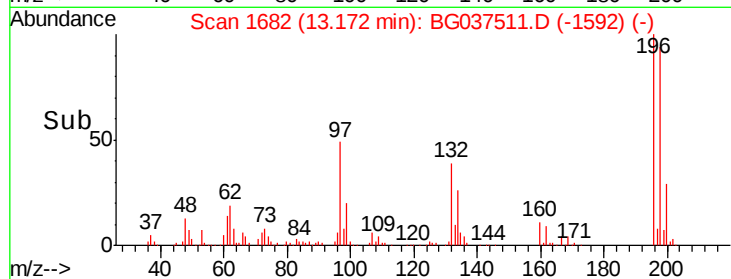
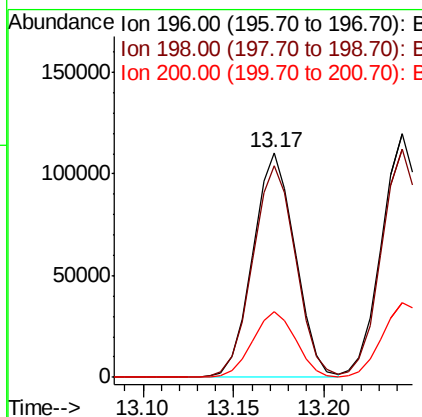
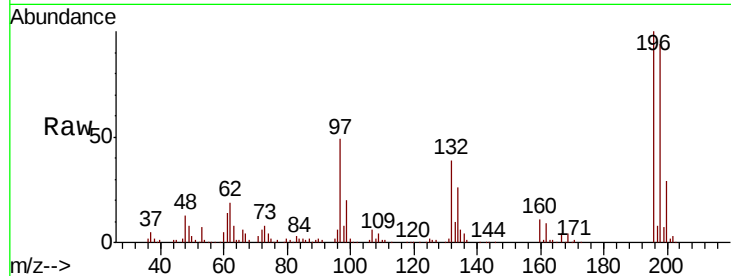




#43
 2,4,6-Trichlorophenol
 Concen: 40.411 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

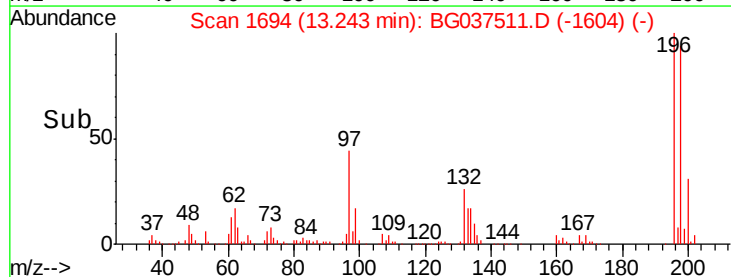
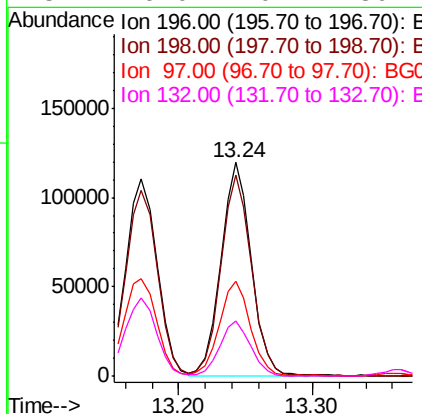
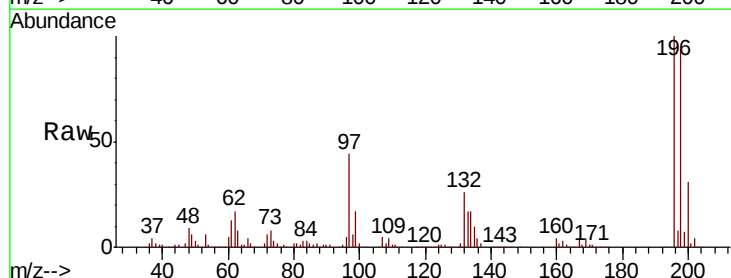
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 178563
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.4 114.6
 200 29.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.538 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion:196 Resp: 190216
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.2 111.2
 97 44.4 34.1 51.1
 132 26.0 20.2 30.4



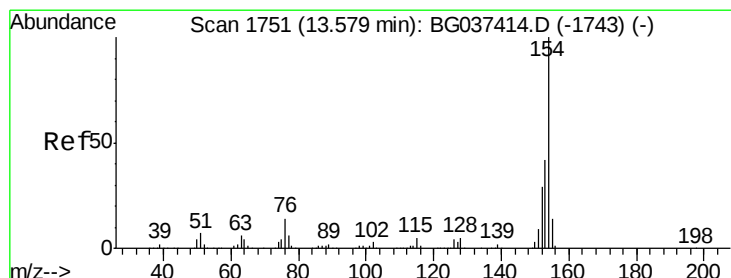
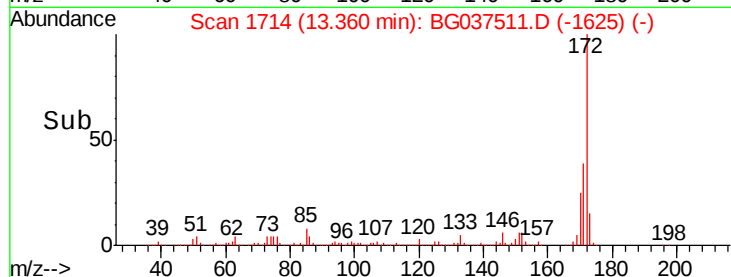
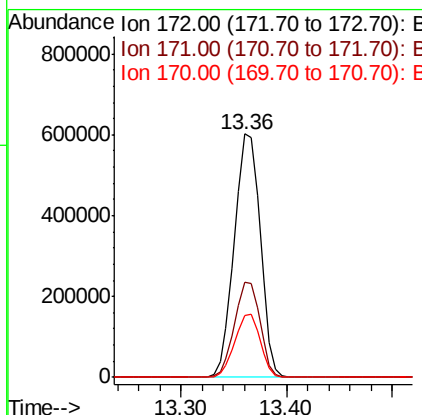
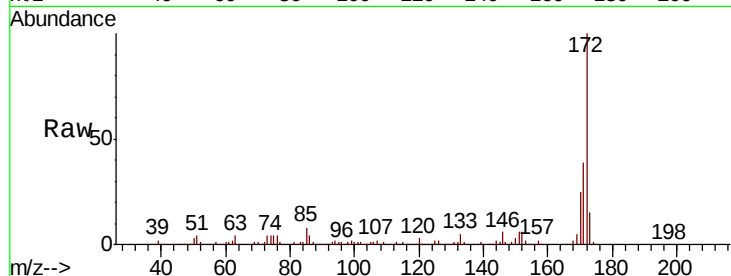


#45
 2-Fluorobiphenyl
 Concen: 75.238 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1023085

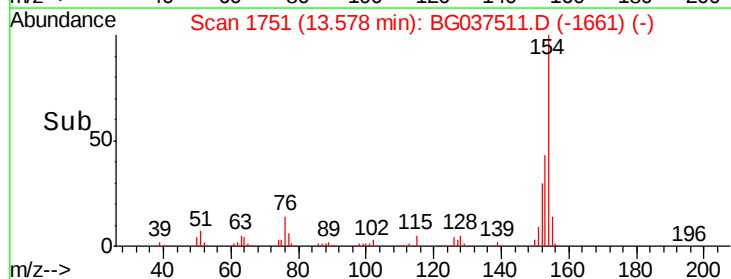
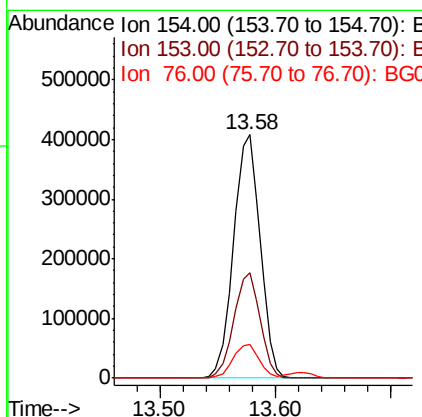
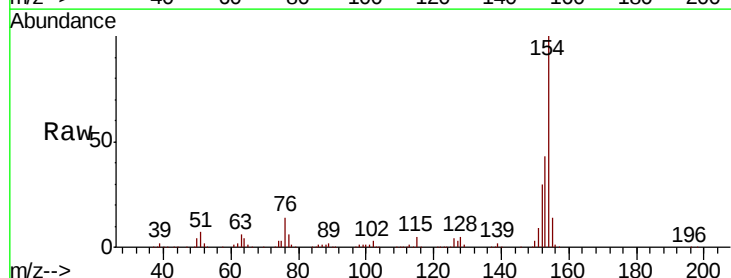
Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.3	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 38.281 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion:154 Resp: 650086

Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.1	62.1
76	14.0	0.0	33.2

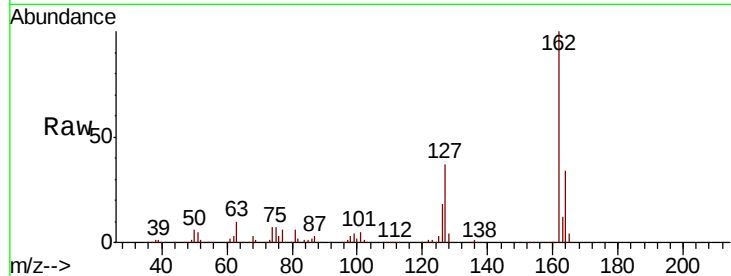




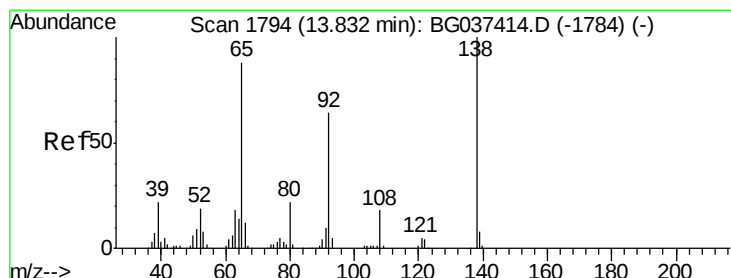
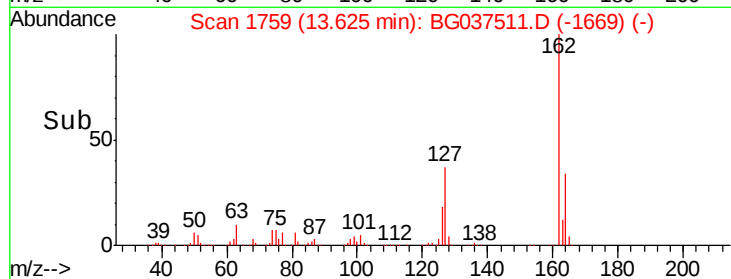
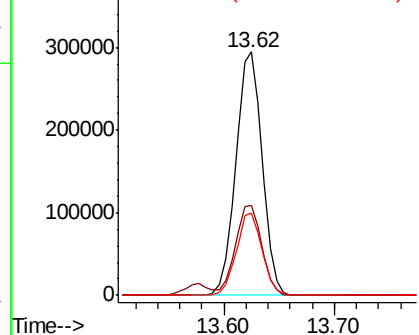
#47
 2-Chloronaphthalene
 Concen: 38.293 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.5	45.7
164	33.9	26.4	39.6

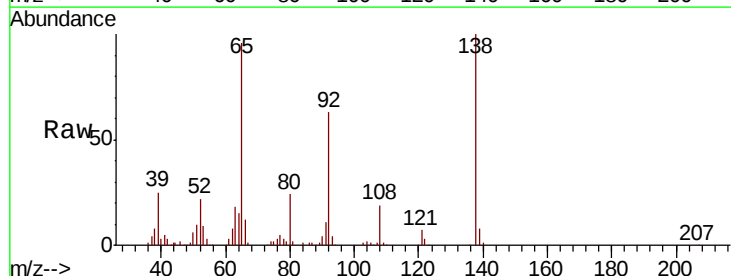


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

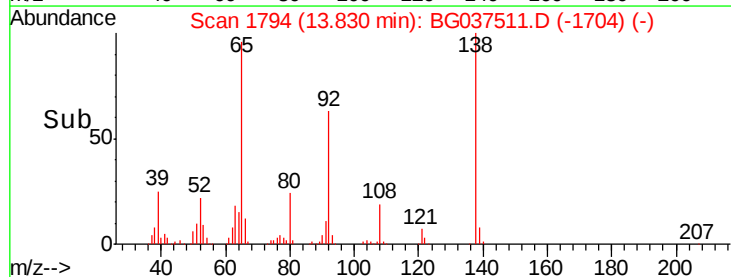
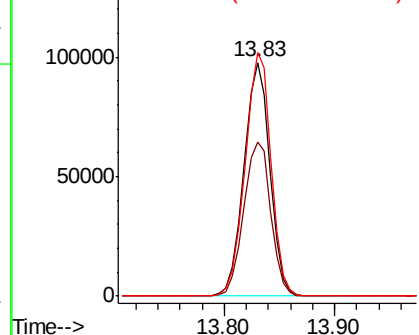


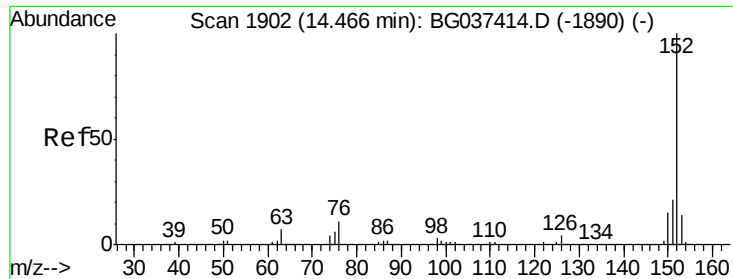
#48
 2-Nitroaniline
 Concen: 41.552 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.2	79.8
138	104.1	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: 38.728 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

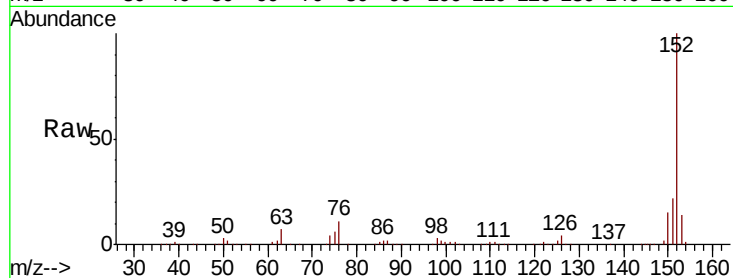
Tot Ion:152 Resp: 748452

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

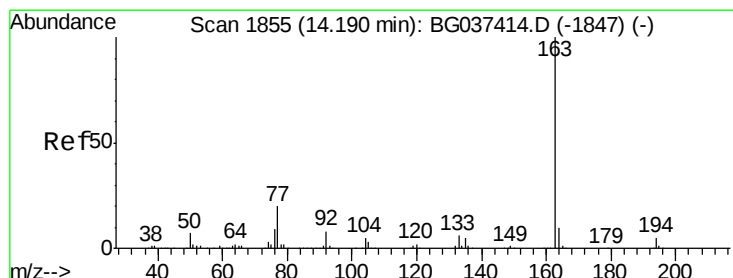
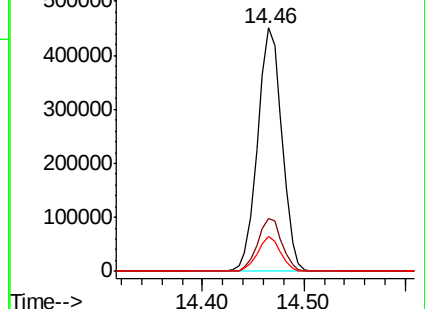
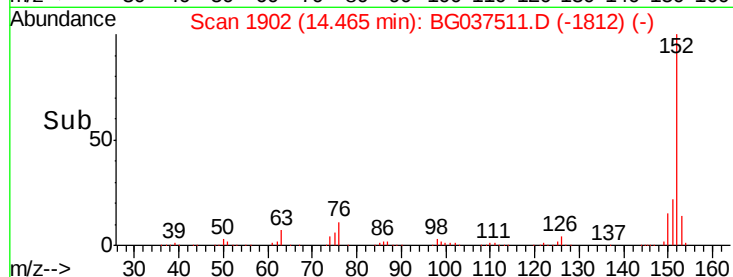
153 14.1 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.401 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

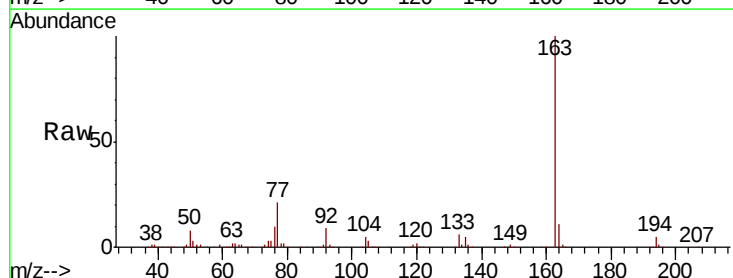
Tgt Ion:163 Resp: 609153

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

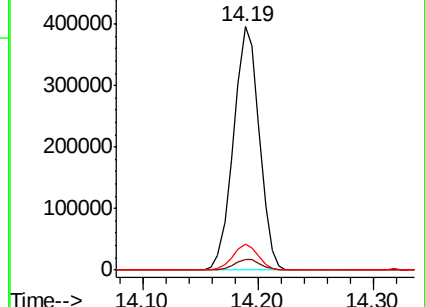
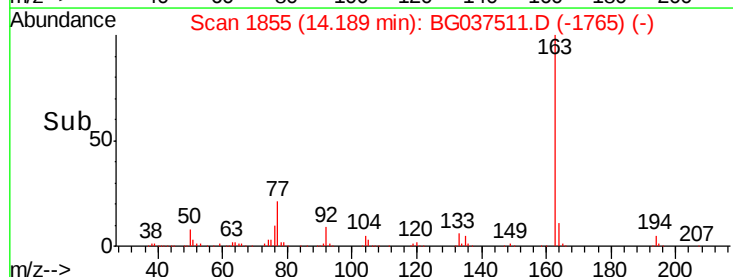
164 10.8 8.5 12.7

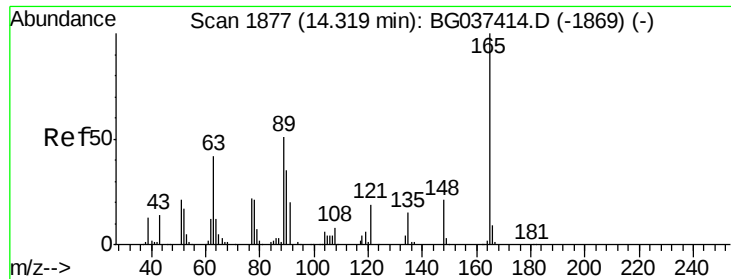


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

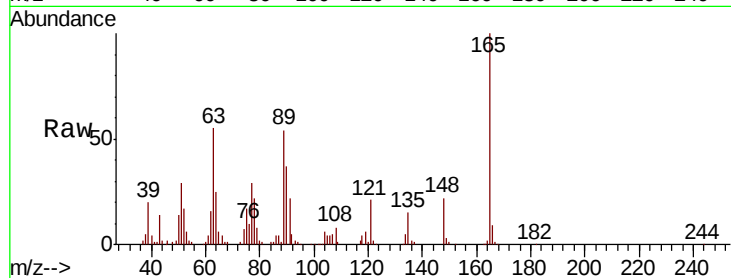




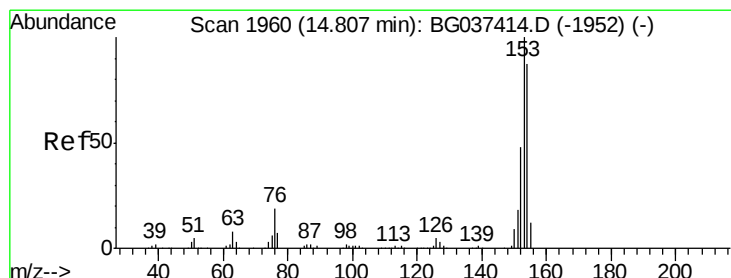
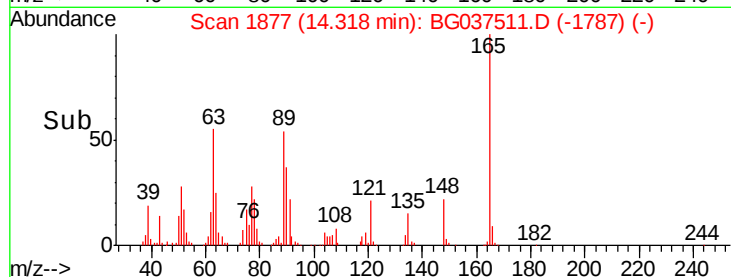
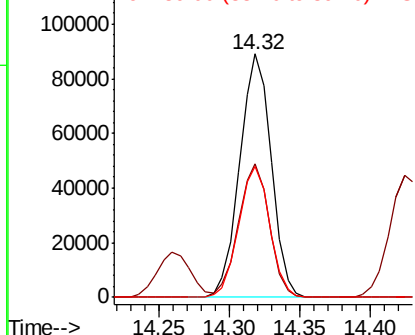
#51
 2,6-Dinitrotoluene
 Concen: 39.612 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	165	Resp	139008
Ion Ratio	Lower	Upper	
165	100		
63	54.6	43.4	65.2
89	54.0	45.8	68.6

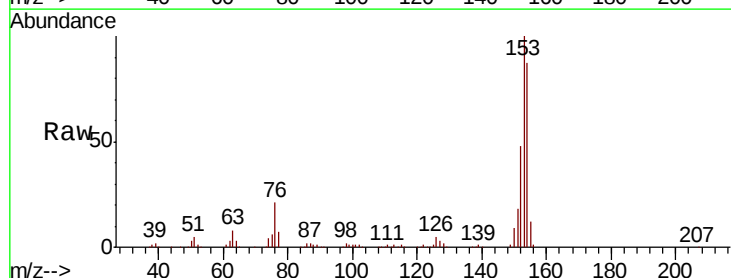


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

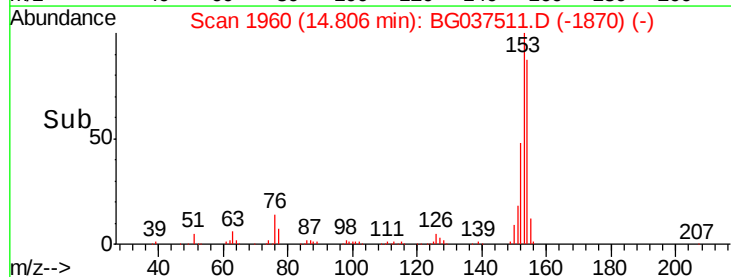
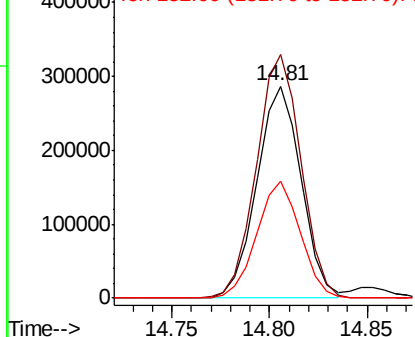


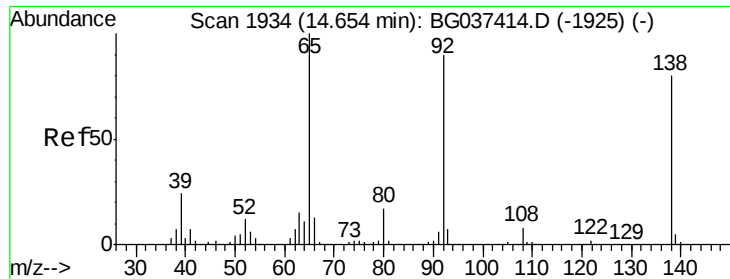
#52
 Acenaphthene
 Concen: 37.671 ng
 RT: 14.81 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion	154	Resp	448373
Ion Ratio	Lower	Upper	
154	100		
153	115.0	93.4	140.0
152	55.5	44.7	67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

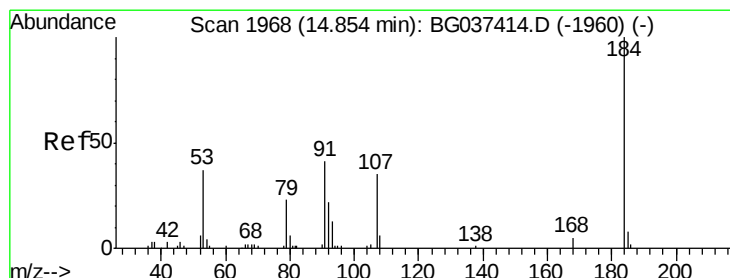
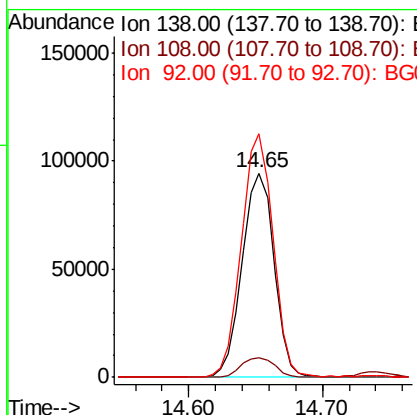
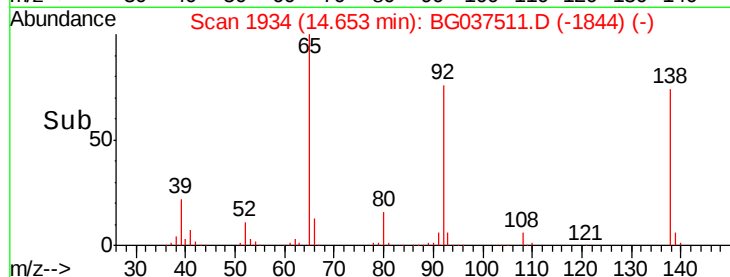
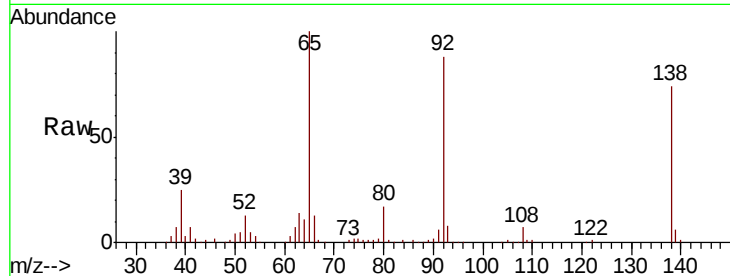




#53
 3-Nitroaniline
 Concen: 40.213 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

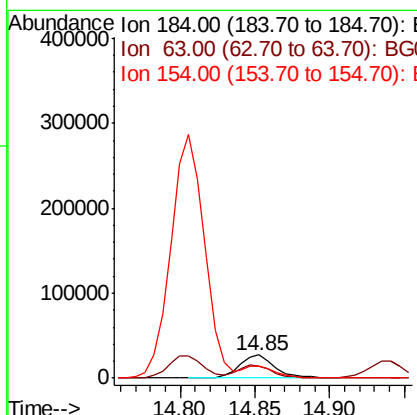
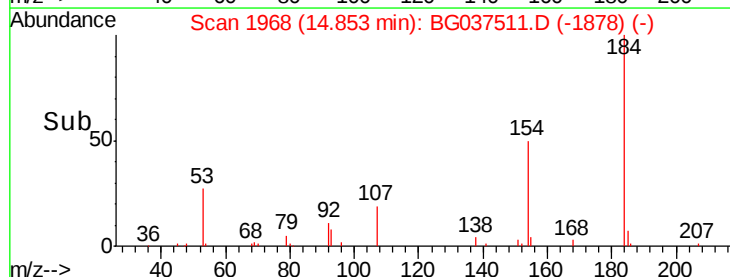
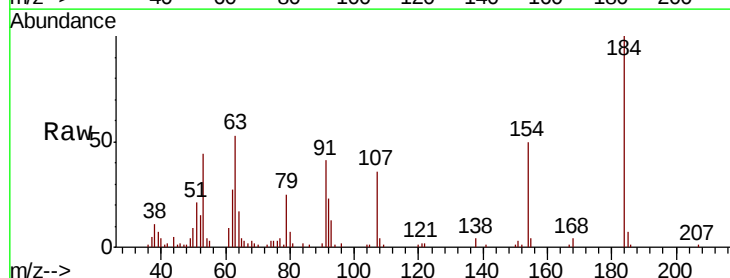
Instrument :
 BNA_G
 ClientSampleId :

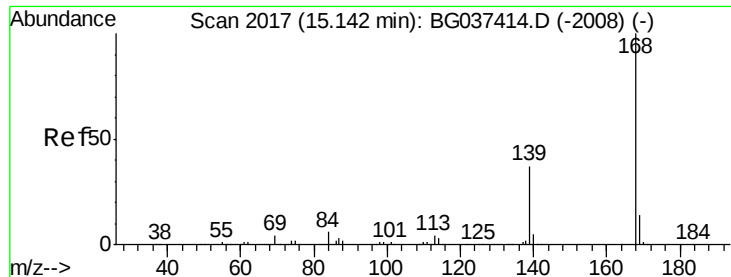
Tot Ion:138 Resp: 156660
 Ion Ratio Lower Upper
 138 100
 108 9.9 11.0 16.6#
 92 119.3 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 42.200 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion:184 Resp: 44248
 Ion Ratio Lower Upper
 184 100
 63 53.4 42.6 63.8
 154 50.4 41.8 62.6

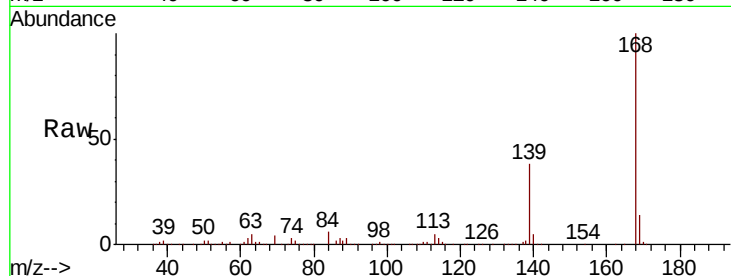




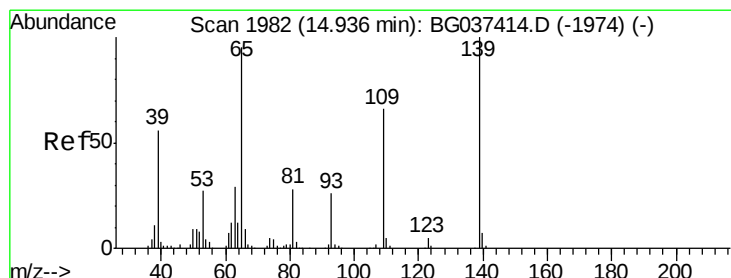
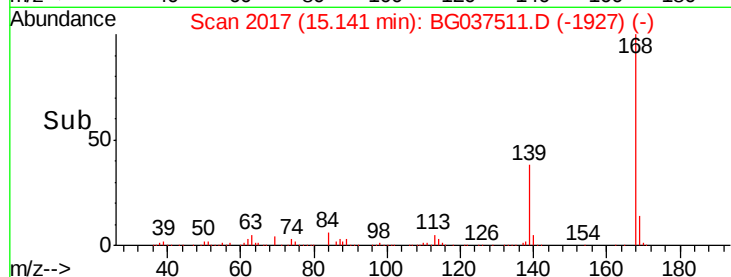
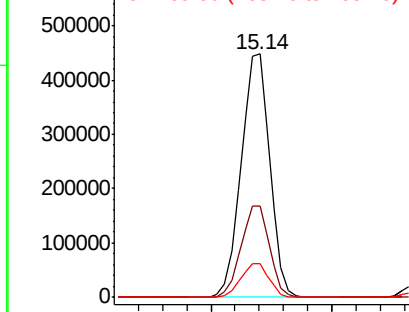
#55
Dibenzenofuran
Concen: 37.486 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.4	44.0
169	13.9	11.0	16.6

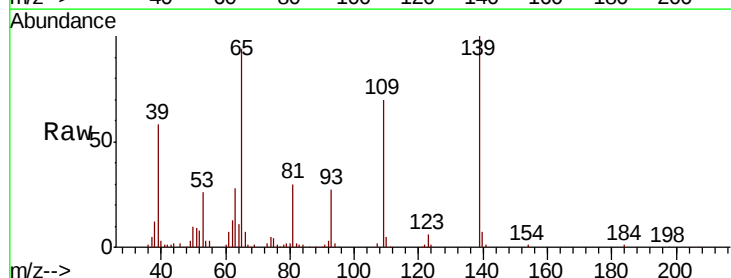


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

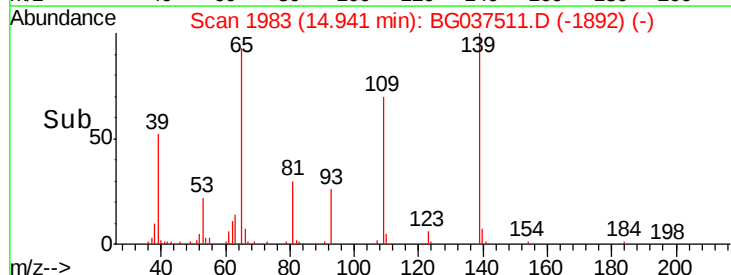
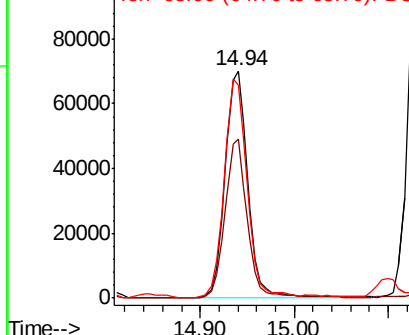


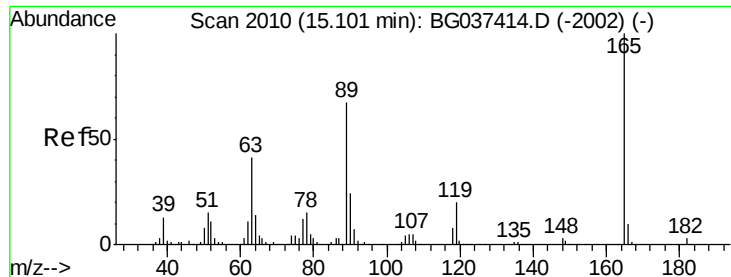
#56
4-Nitrophenol
Concen: 40.930 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.8	49.5	89.5
65	93.9	76.8	116.8



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

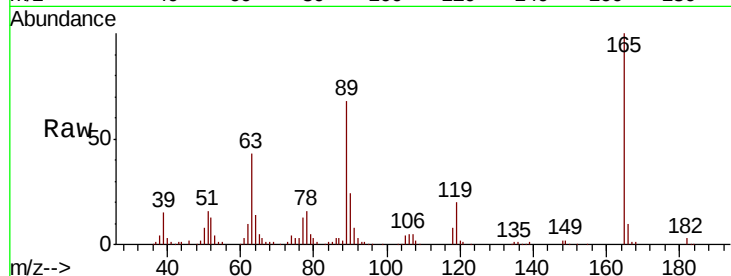




#57
2,4-Dinitrotoluene
Concen: 41.209 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.4	50.0
89	68.1	57.2	85.8
182	2.9	2.6	4.0



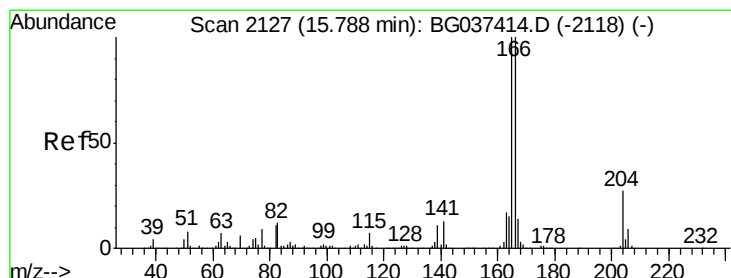
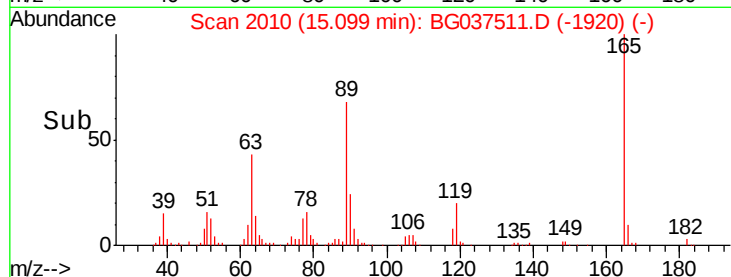
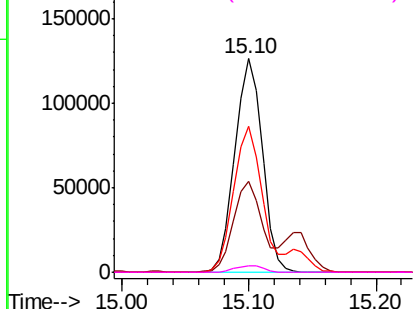
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

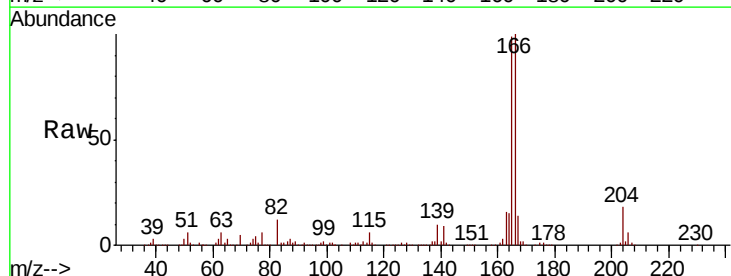
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.786 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.6
167	14.5	11.3	16.9

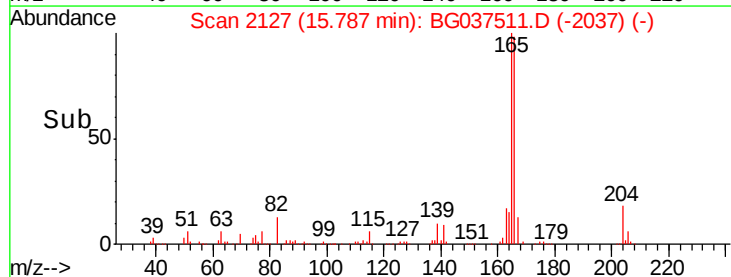
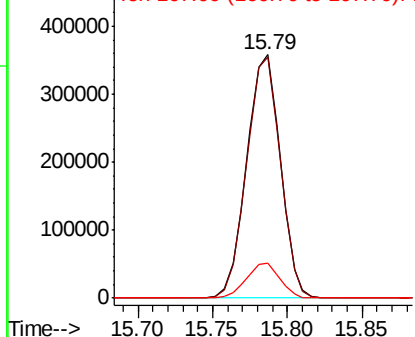


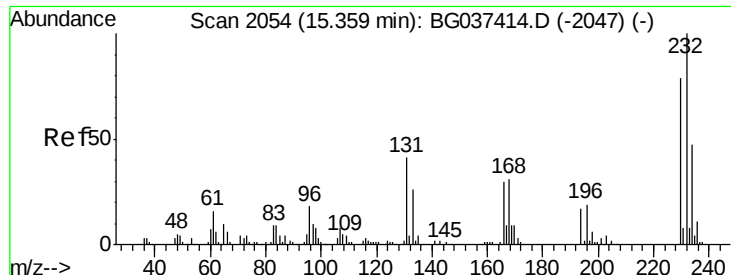
Abundance

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: 39.729 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 163649

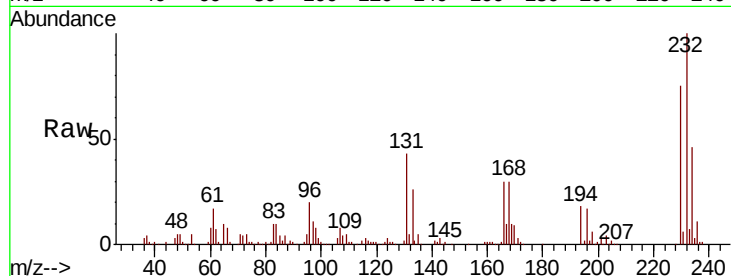
Ion Ratio Lower Upper

232 100

131 43.2 33.7 50.5

130 2.3 2.1 3.1

166 31.3 24.6 36.8

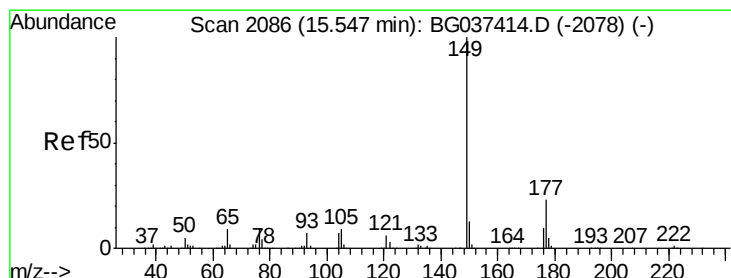
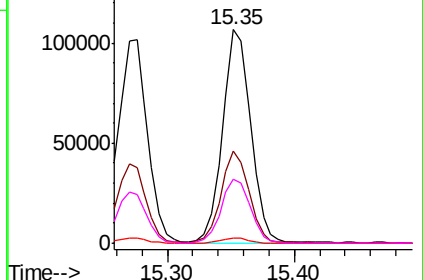
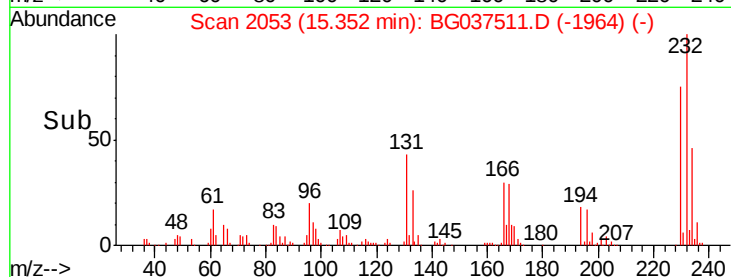


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.664 ng

RT: 15.55 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

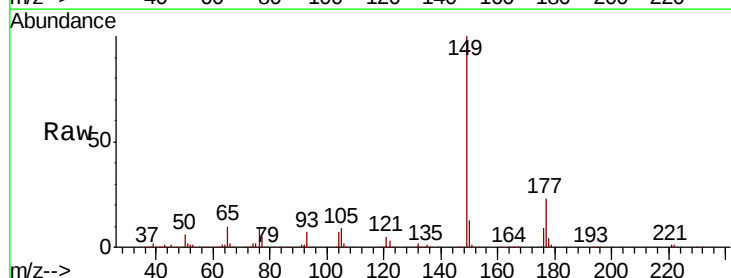
Tgt Ion:149 Resp: 629674

Ion Ratio Lower Upper

149 100

177 23.4 18.3 27.5

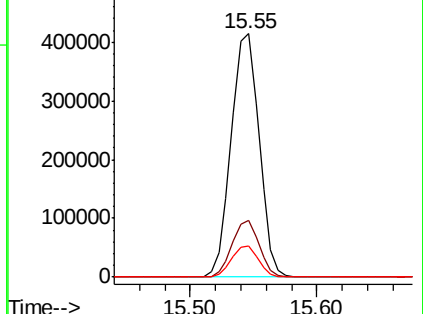
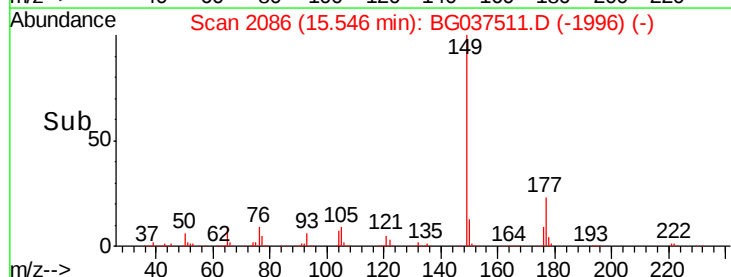
150 12.7 10.0 15.0

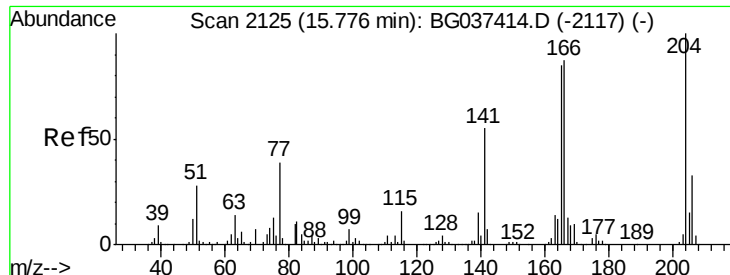


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

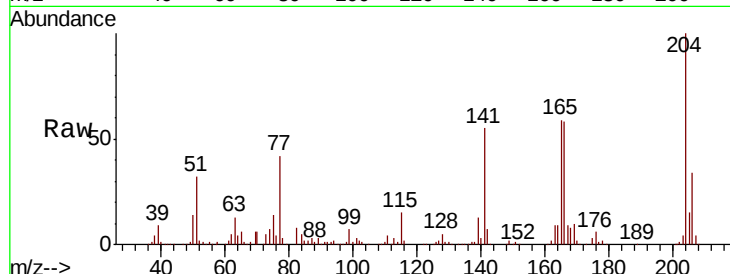




#61
4-Chlorophenyl-phenylether
Concen: 37.717 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	54.9	45.4	68.2

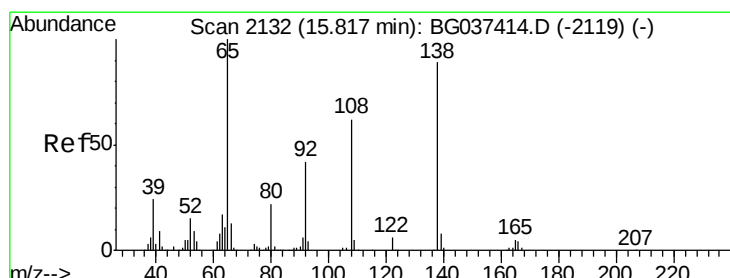
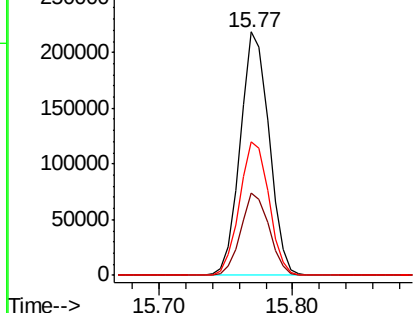
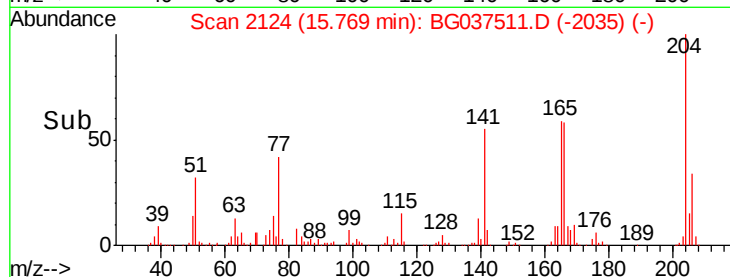


Abundance

Ion 204.00 (203.70 to 204.70): E

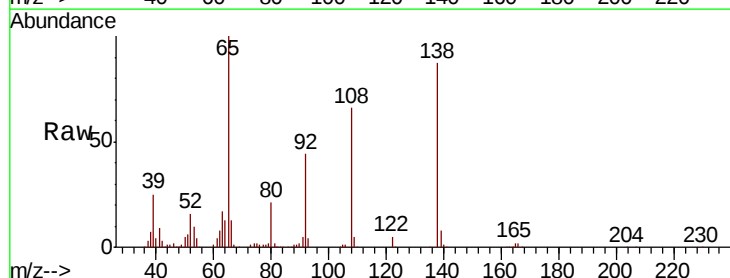
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.512 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	36.4	76.4
108	75.9	60.1	100.1

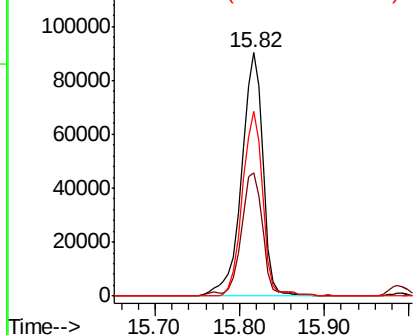
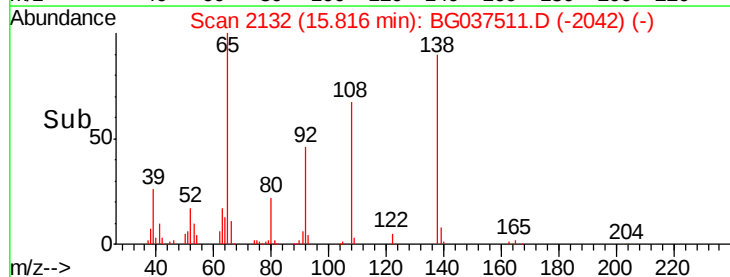


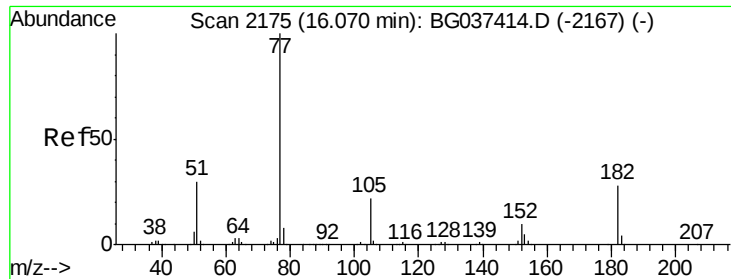
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

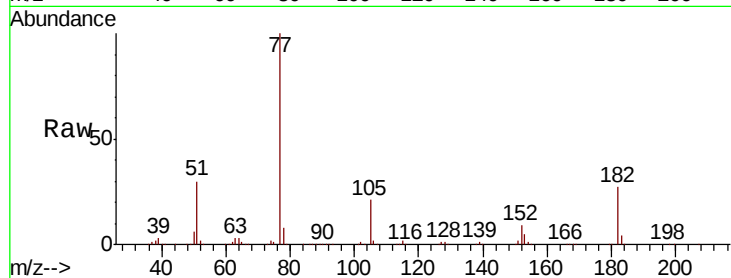




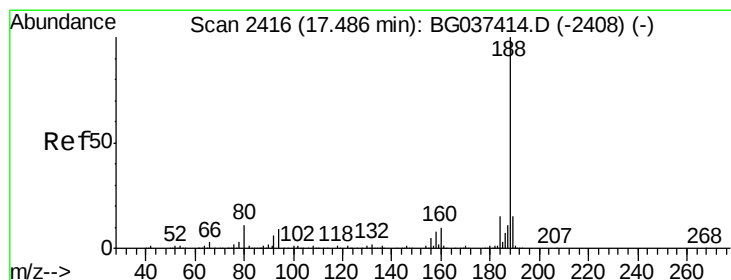
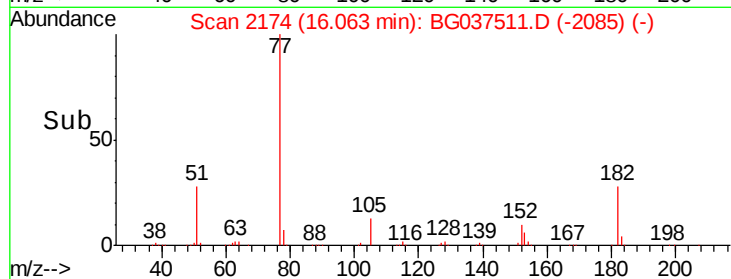
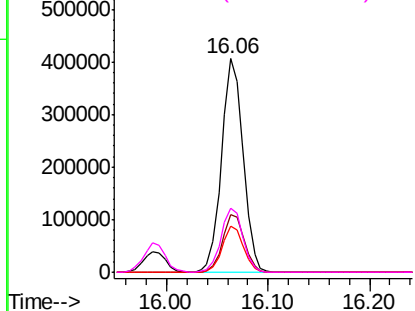
#63
Azobenzene
Concen: 38.609 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	599937
Ion	Ratio	Lower	Upper
77	100		
182	26.8	8.0	48.0
105	21.5	1.3	41.3
51	29.9	10.7	50.7

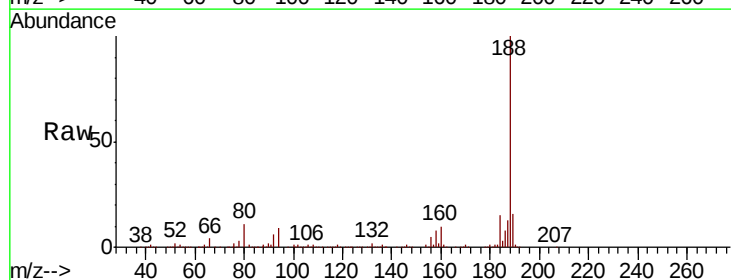


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

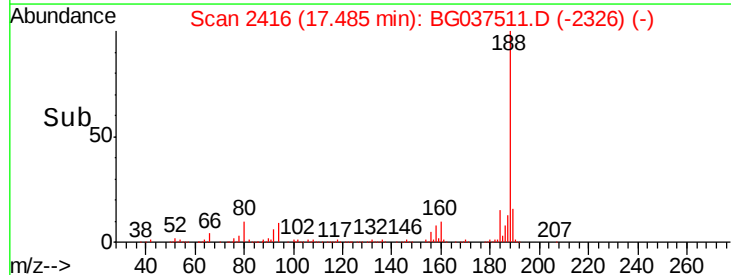
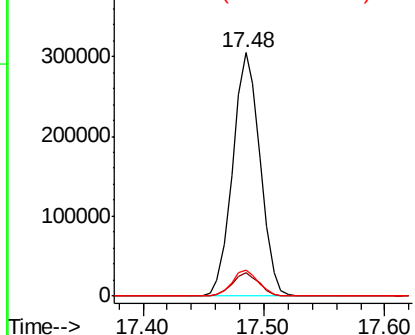


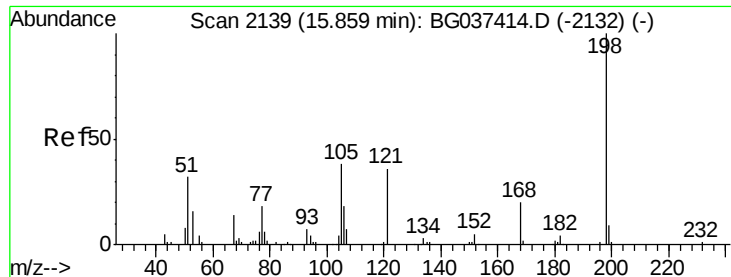
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion:	188	Resp:	481813
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.5	7.7	11.5



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

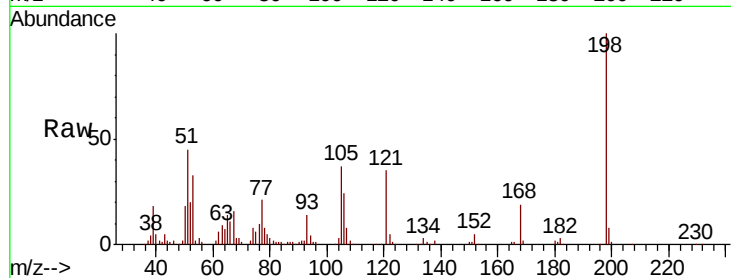




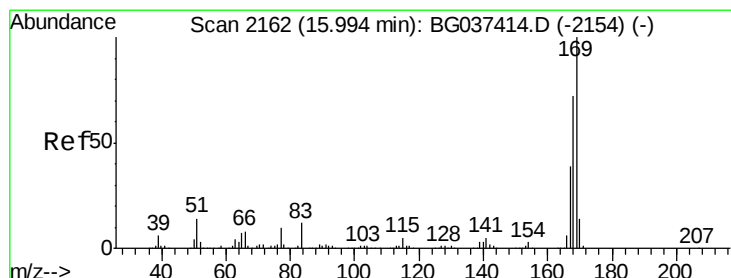
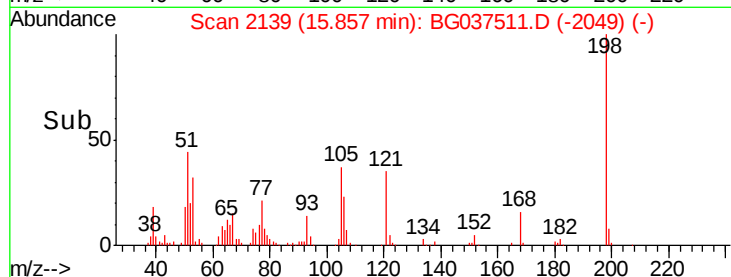
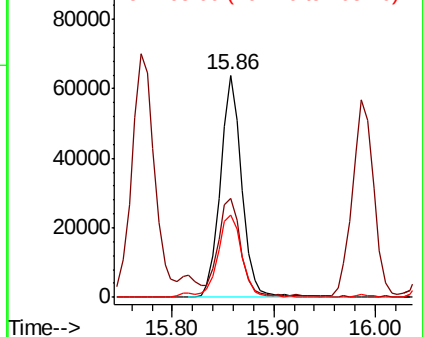
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.934 ng
 RT: 15.86 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 93501
 Ion Ratio Lower Upper
 198 100
 51 44.6 22.7 62.7
 105 37.3 19.7 59.7

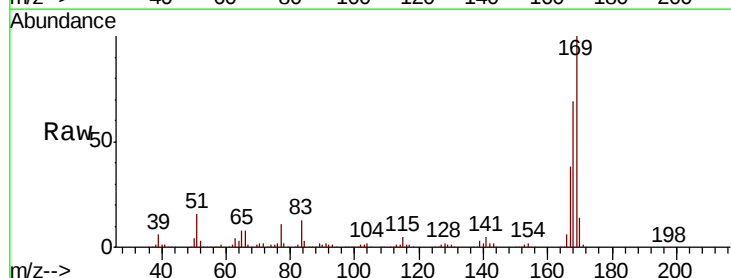


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

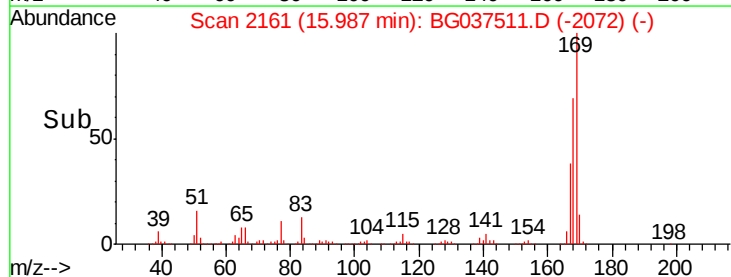
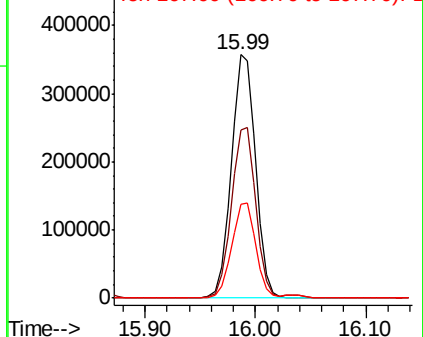


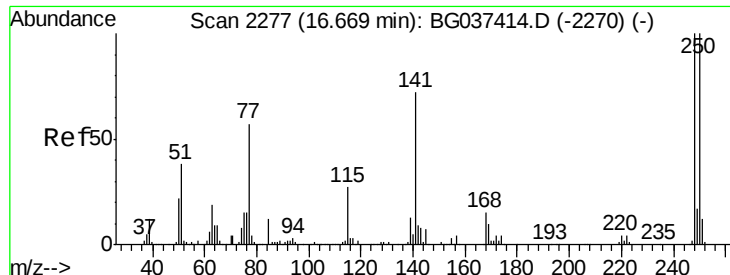
#66
 n-Nitrosodiphenylamine
 Concen: 37.881 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion:169 Resp: 549011
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.7 83.5
 167 38.4 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

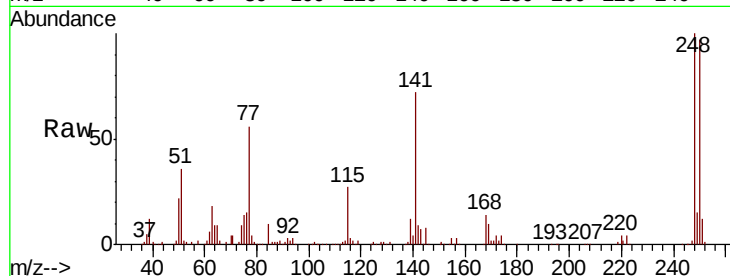




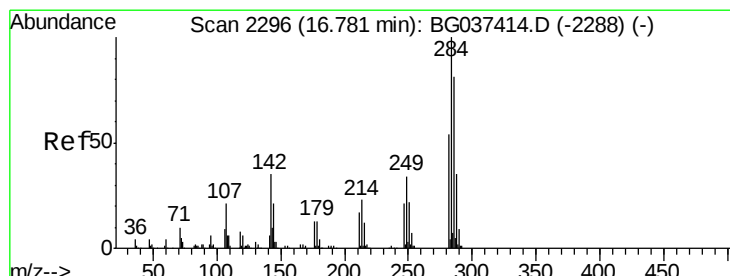
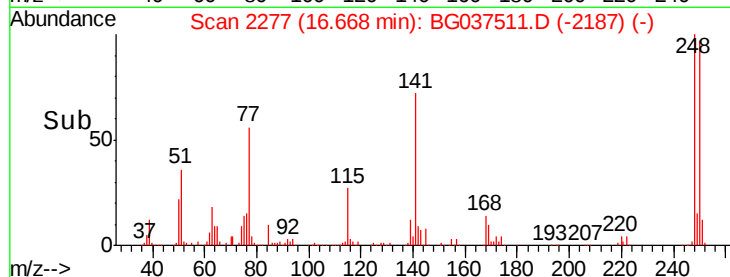
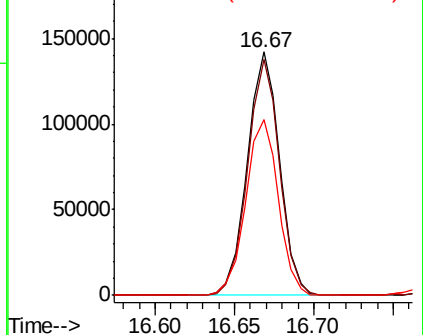
#67
4-Bromophenyl-phenylether
Concen: 37.856 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.0	115.6
141	72.2	55.5	83.3

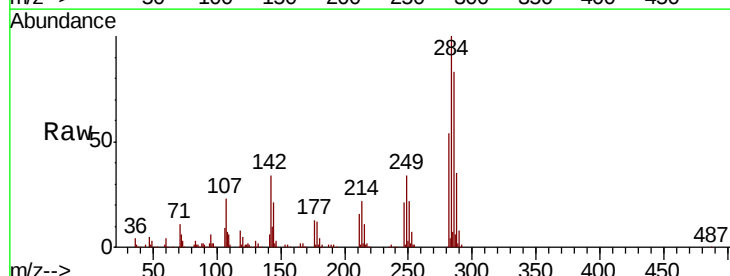


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

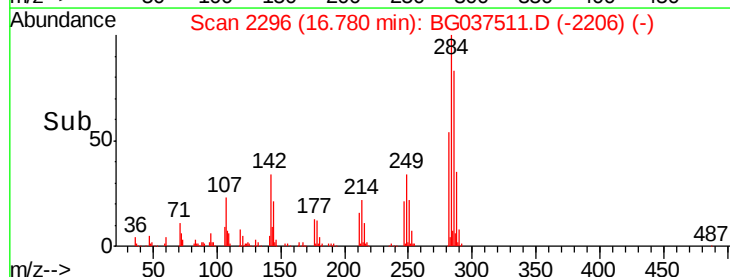
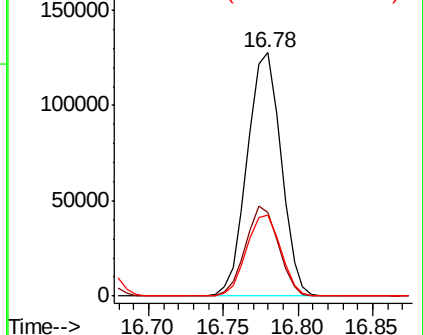


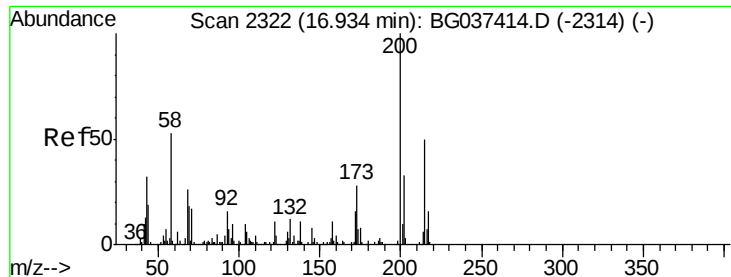
#68
Hexachlorobenzene
Concen: 36.501 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	28.1	42.1
249	36.1	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

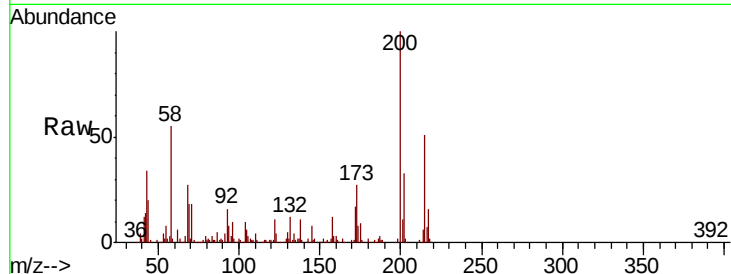




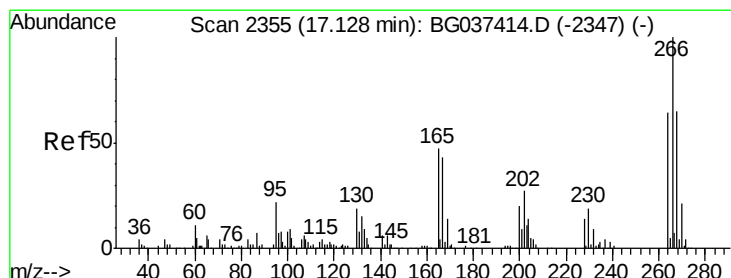
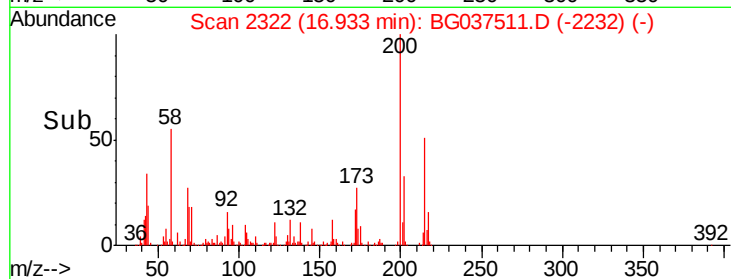
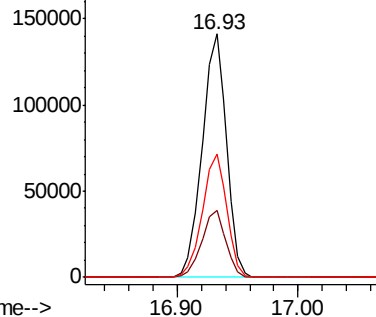
#69
 Atrazine
 Concen: 37.747 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.1	46.1
215	50.7	30.8	70.8

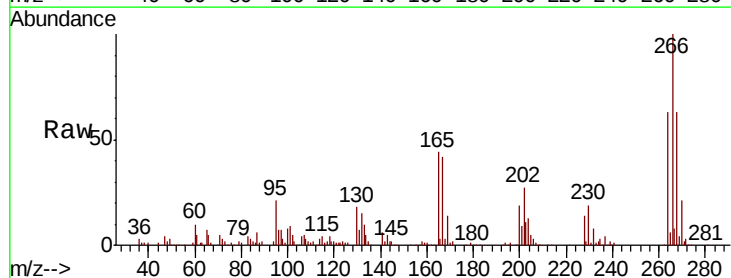


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

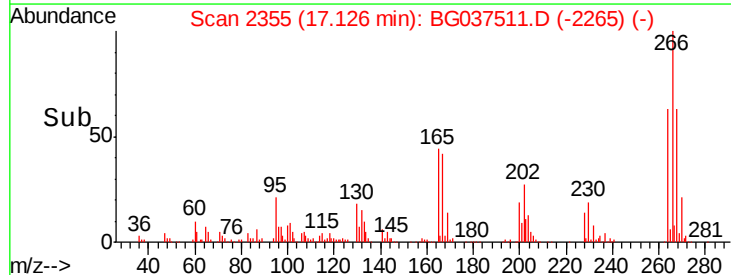
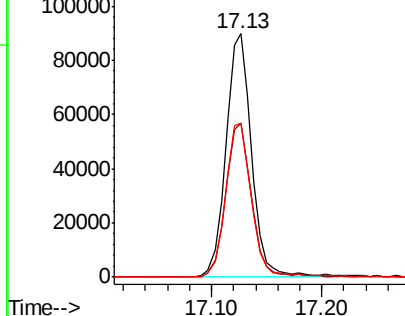


#70
 Pentachlorophenol
 Concen: 39.658 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037511.D
 Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	55.0	82.6
264	69.0	58.9	88.3



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

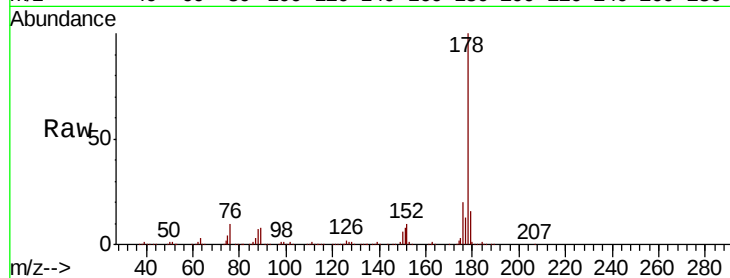




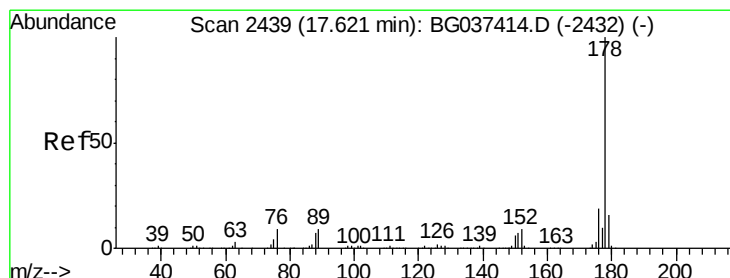
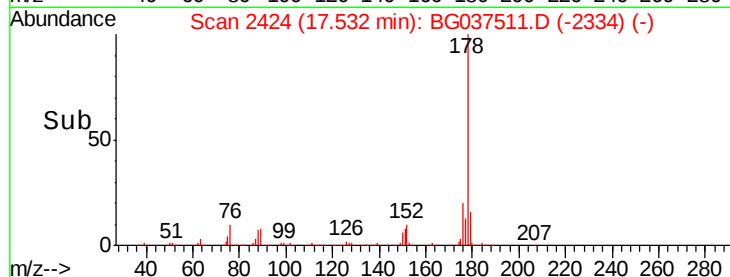
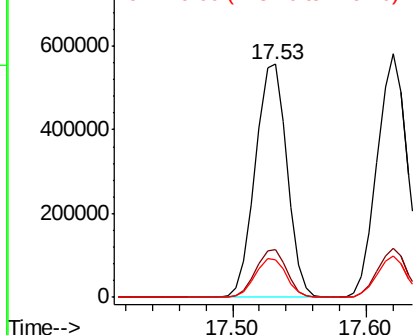
#71
Phenanthrene
Concen: 37.293 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 913192
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.4 13.0 19.4

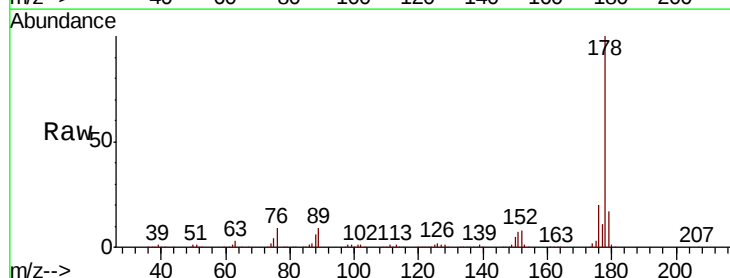


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

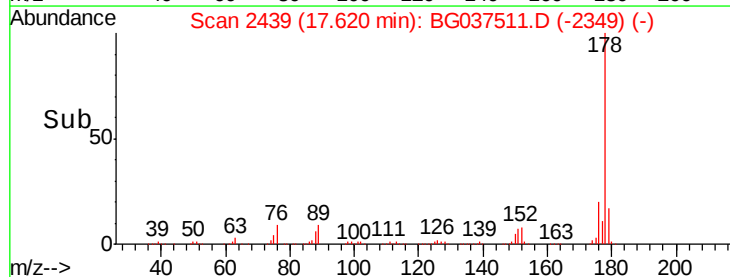
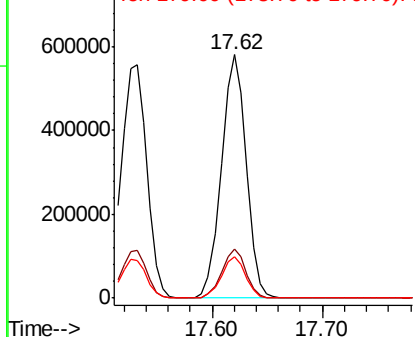


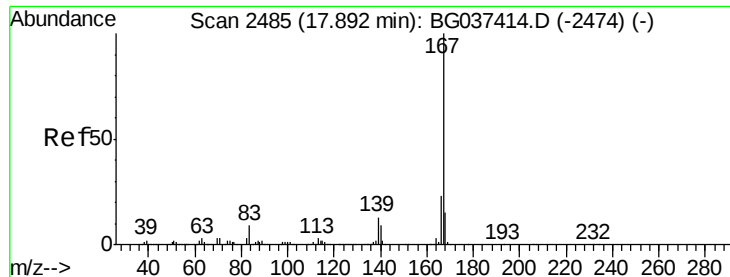
#72
Anthracene
Concen: 37.806 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion:178 Resp: 908506
Ion Ratio Lower Upper
178 100
176 20.1 15.0 22.4
179 16.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.475 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

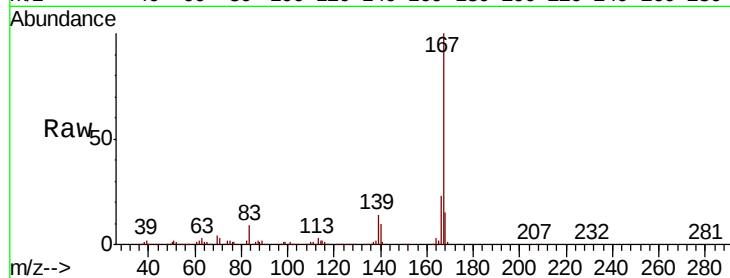
Tot Ion:167 Resp: 924869

Ion Ratio Lower Upper

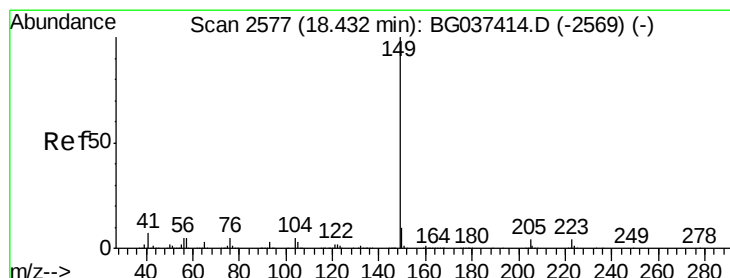
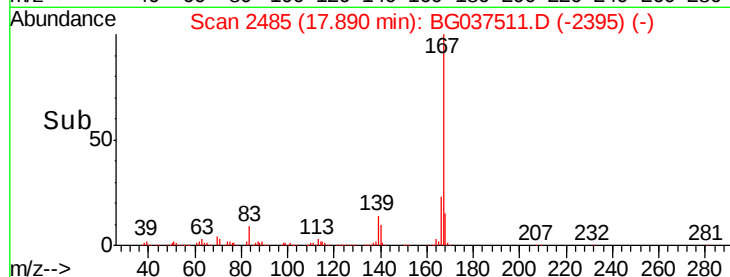
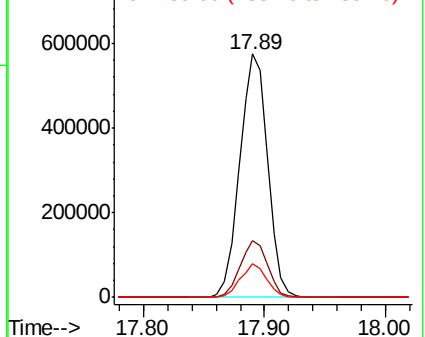
167 100

166 23.2 18.3 27.5

139 13.6 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.716 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

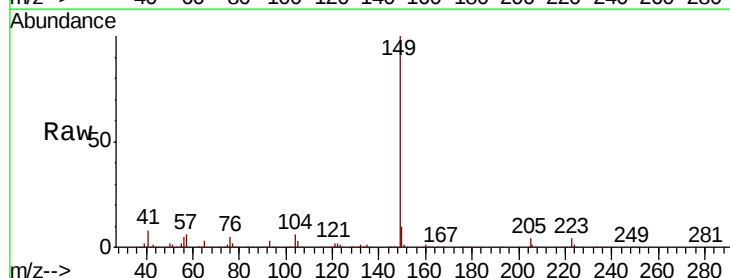
Tgt Ion:149 Resp: 1062009

Ion Ratio Lower Upper

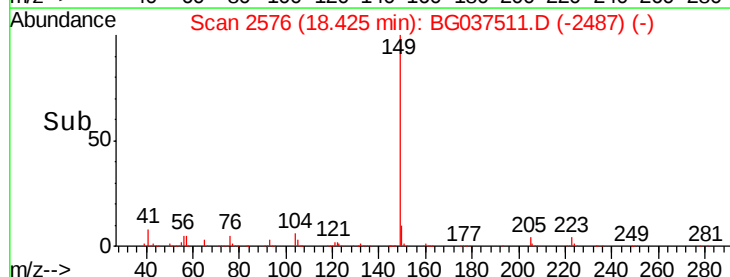
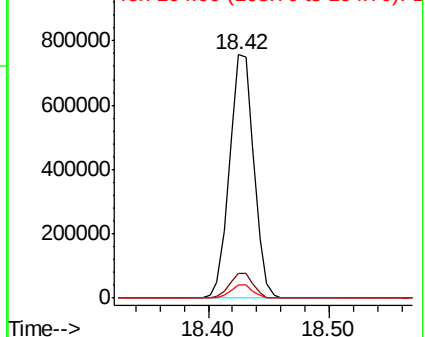
149 100

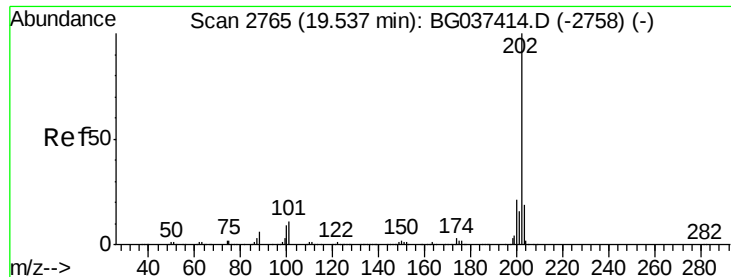
150 10.3 8.2 12.2

104 5.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.762 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

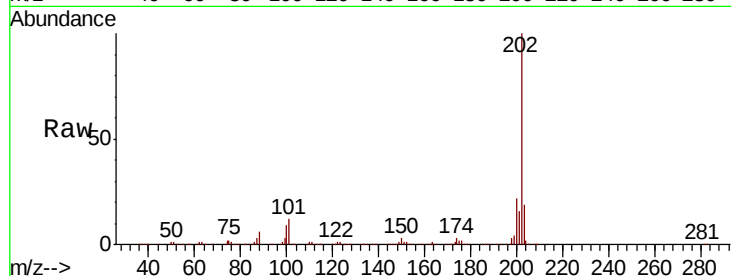
Tot Ion:202 Resp: 1048757

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.7

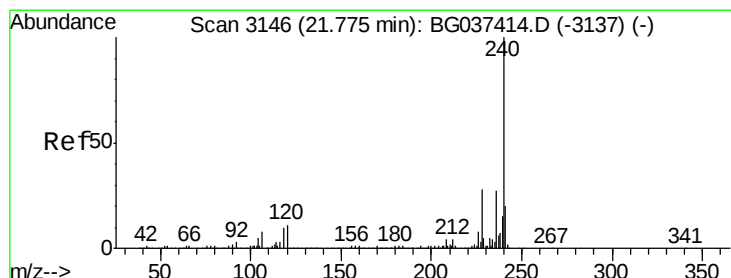
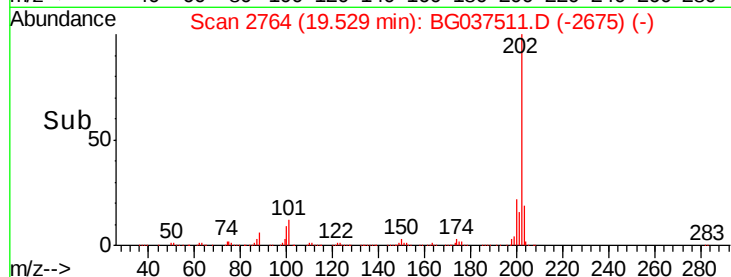
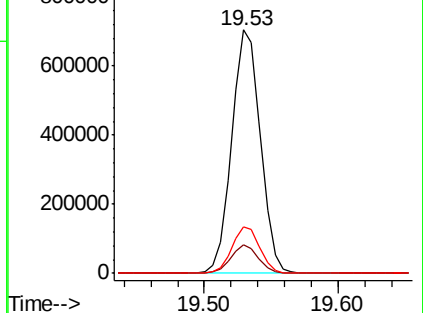
203 18.8 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

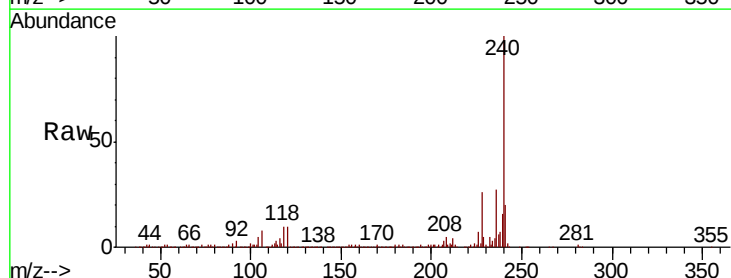
Tgt Ion:240 Resp: 430369

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

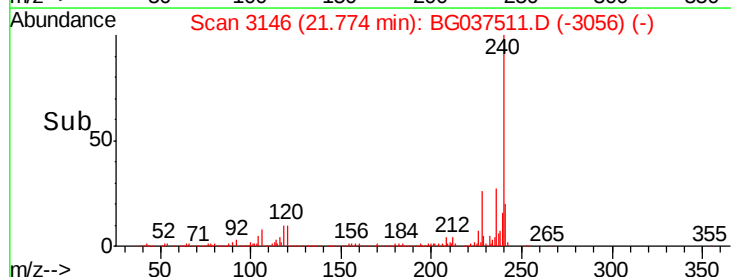
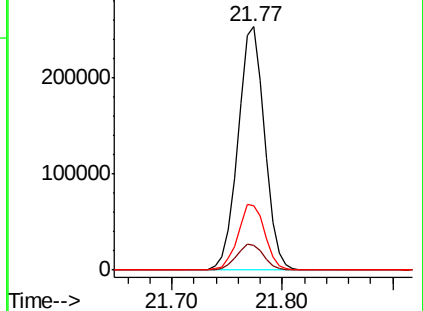
236 26.7 21.4 32.0

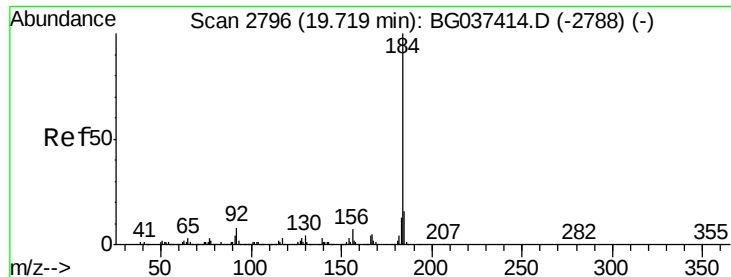


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.947 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

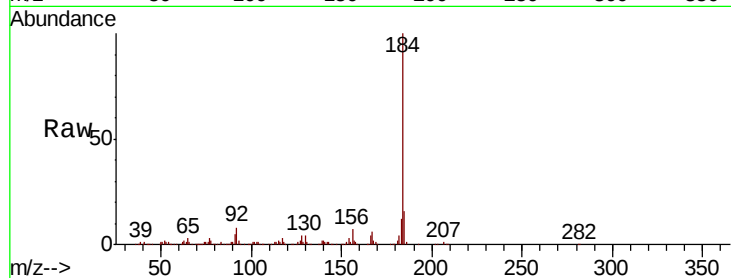
Tot Ion:184 Resp: 452864

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

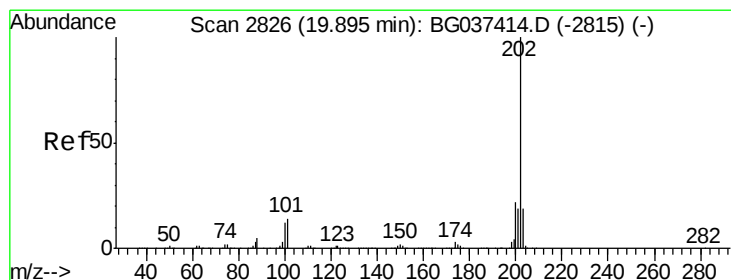
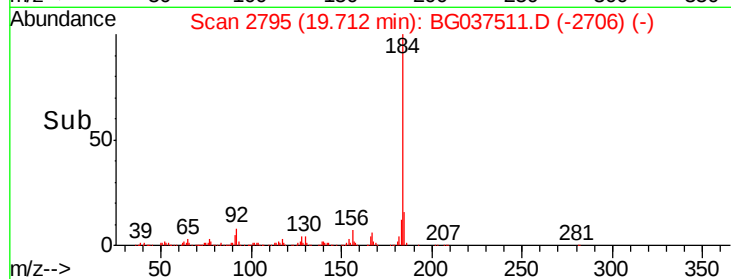
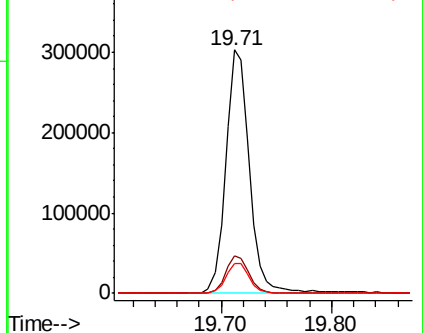
183 12.1 10.2 15.2



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: 38.363 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

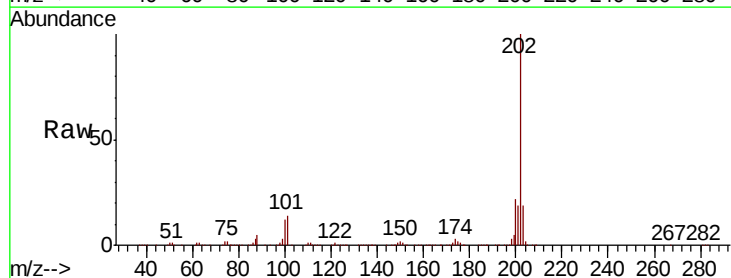
Tgt Ion:202 Resp: 1079310

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.6

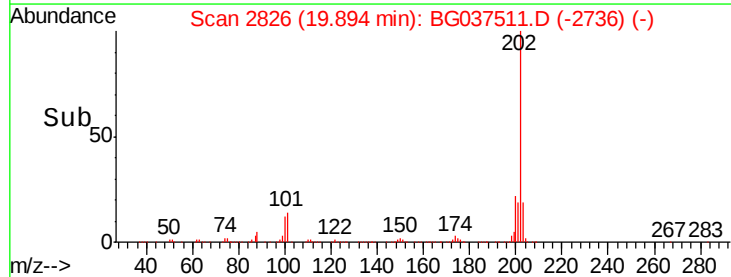
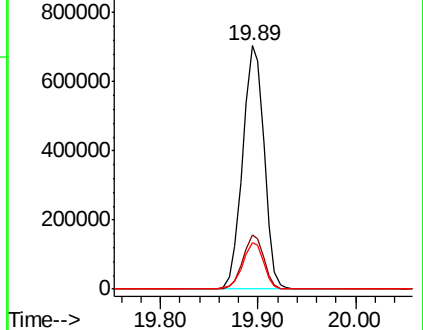
203 19.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.689 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampled :

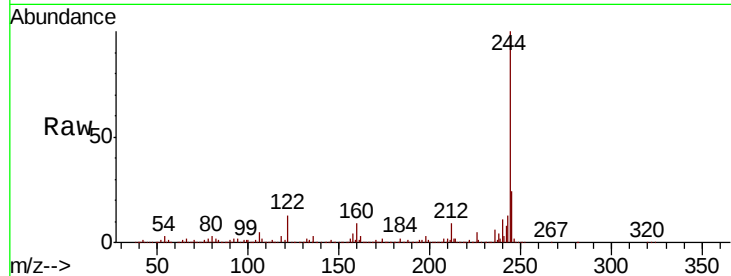
Tot Ion:244 Resp: 1504321

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

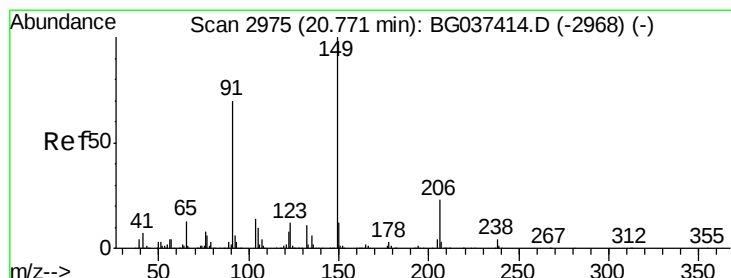
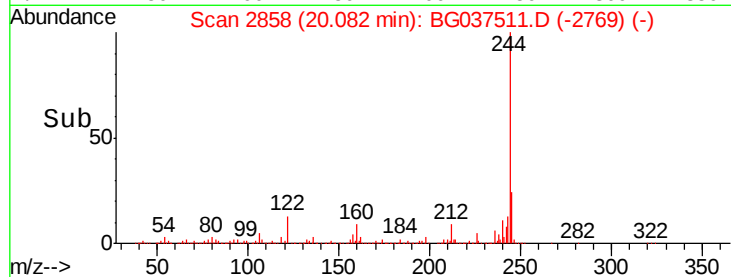
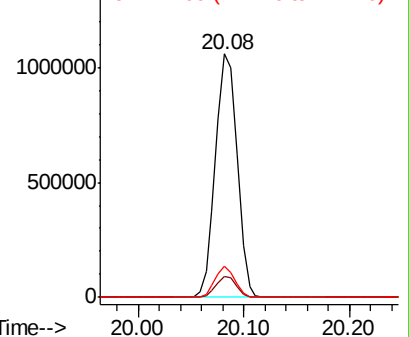
122 12.8 9.0 13.4



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: 41.572 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

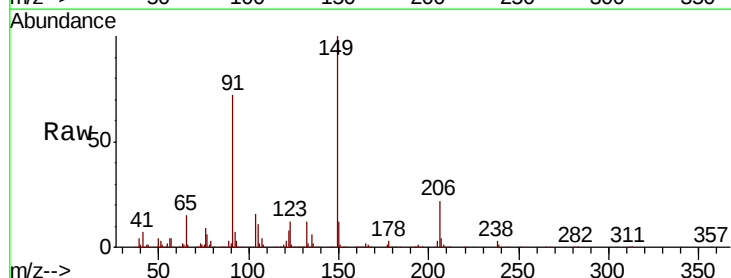
Tgt Ion:149 Resp: 478667

Ion Ratio Lower Upper

149 100

91 71.5 57.0 85.4

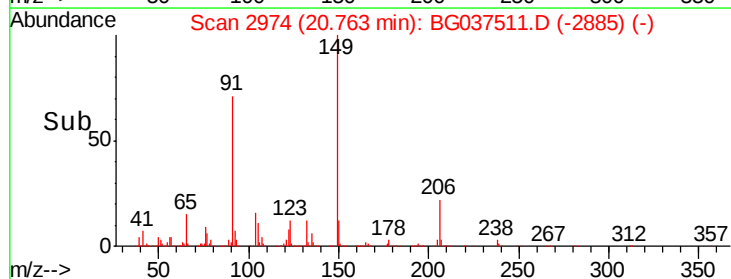
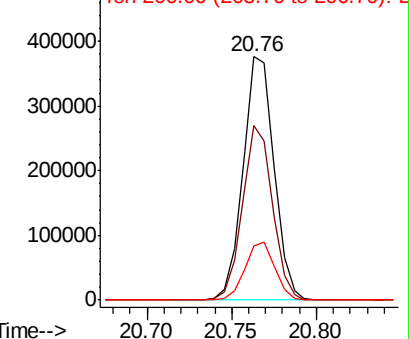
206 22.0 17.8 26.6

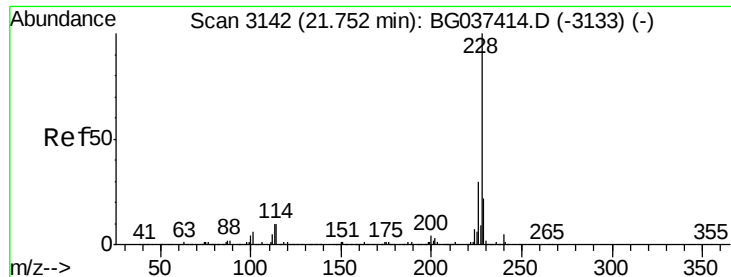


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.727 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

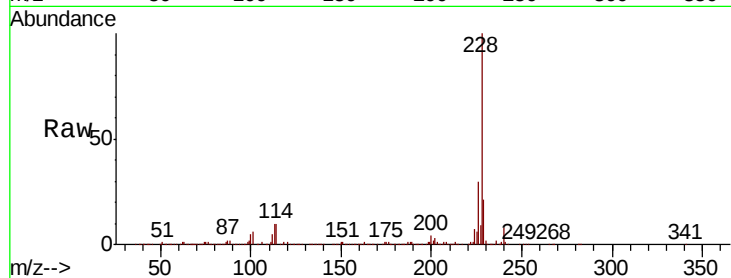
Tot Ion:228 Resp: 985832

Ion Ratio Lower Upper

228 100

226 29.6 22.6 33.8

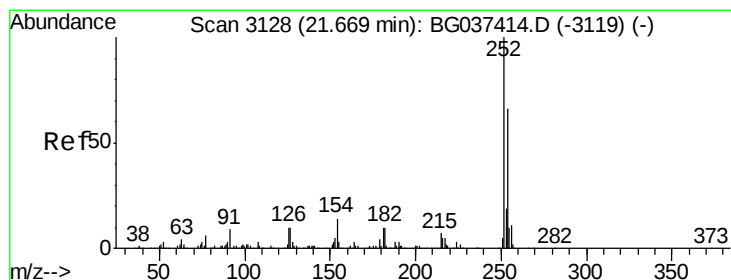
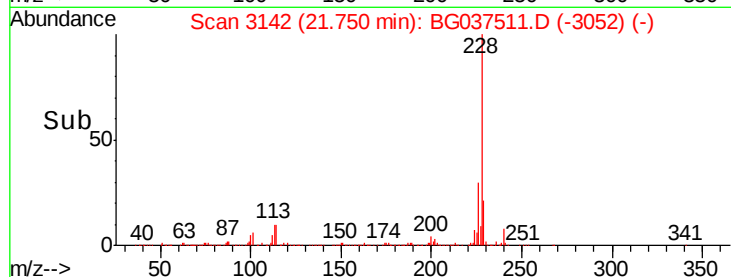
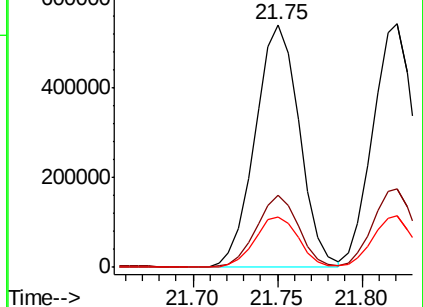
229 20.8 16.3 24.5



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: 39.221 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

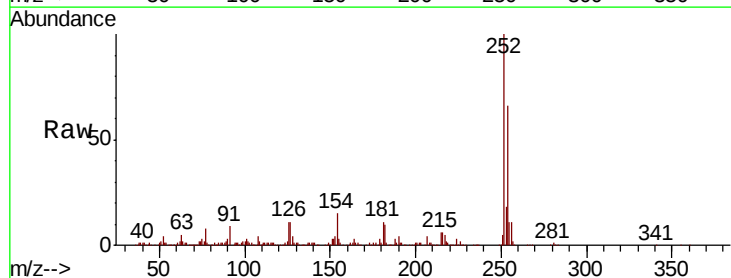
Tgt Ion:252 Resp: 386987

Ion Ratio Lower Upper

252 100

254 65.7 52.0 78.0

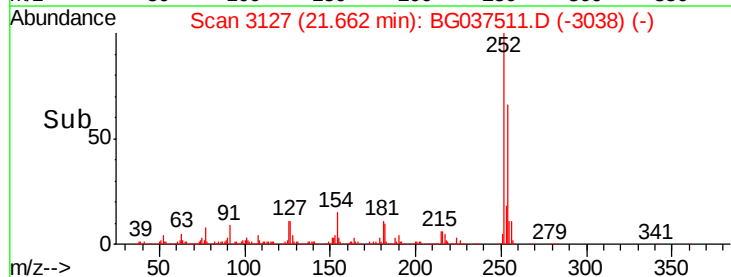
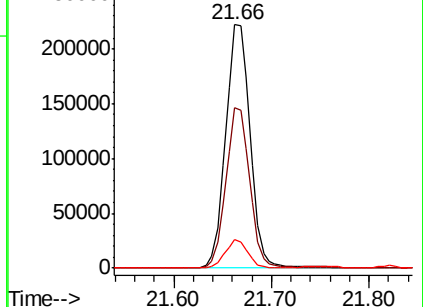
126 11.5 8.2 12.4

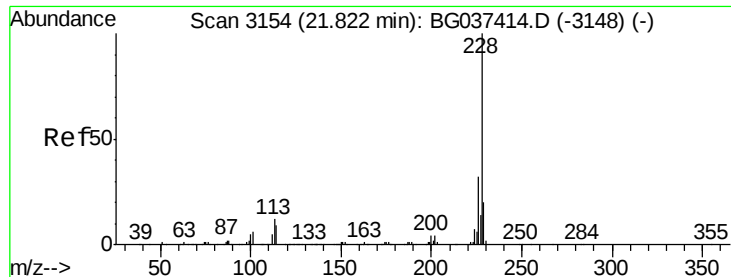


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.177 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

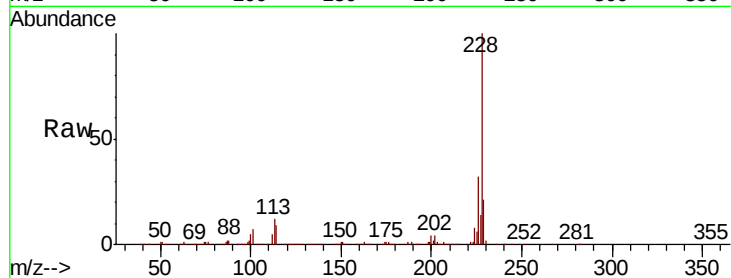
Tot Ion:228 Resp: 934486

Ion Ratio Lower Upper

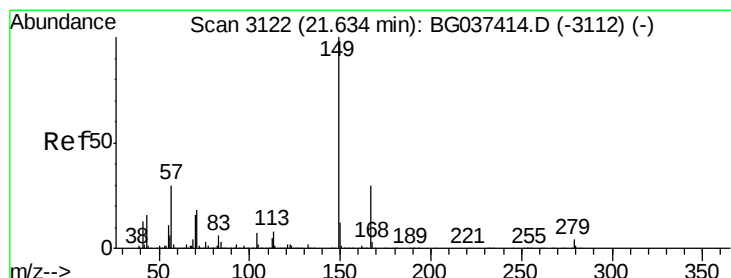
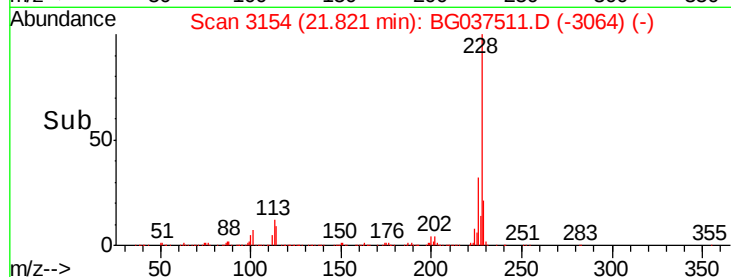
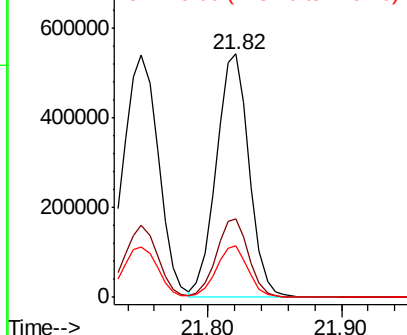
228 100

226 32.3 25.7 38.5

229 21.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.508 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

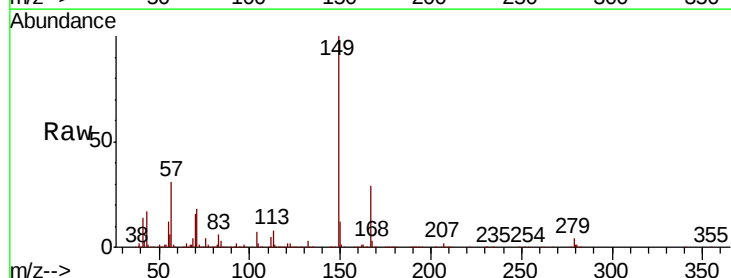
Tgt Ion:149 Resp: 669916

Ion Ratio Lower Upper

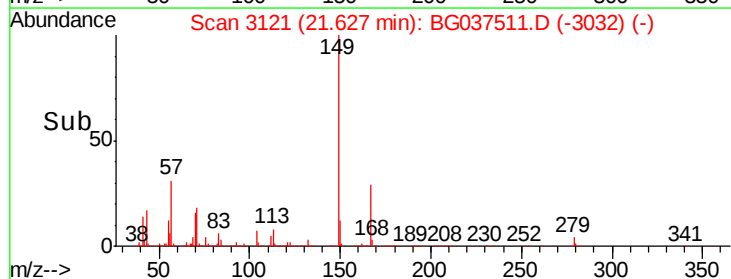
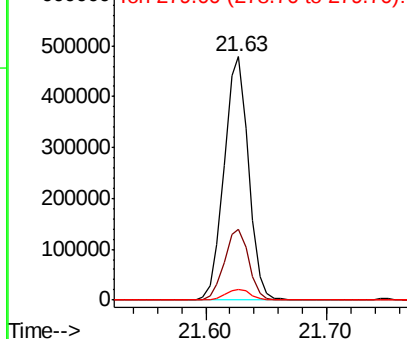
149 100

167 29.3 23.0 34.4

279 4.4 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.383 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

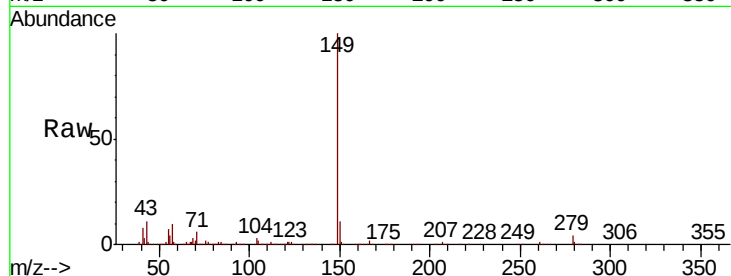
Tot Ion:149 Resp: 1115440

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

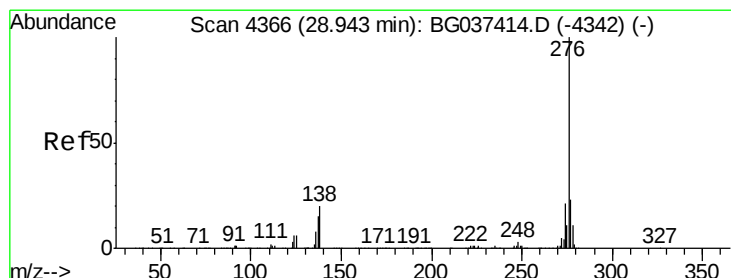
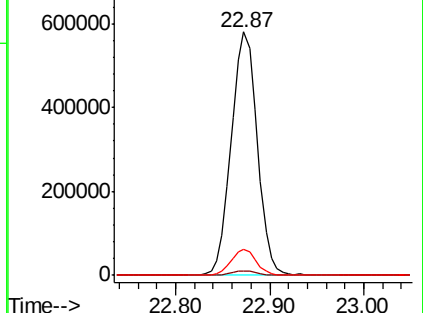
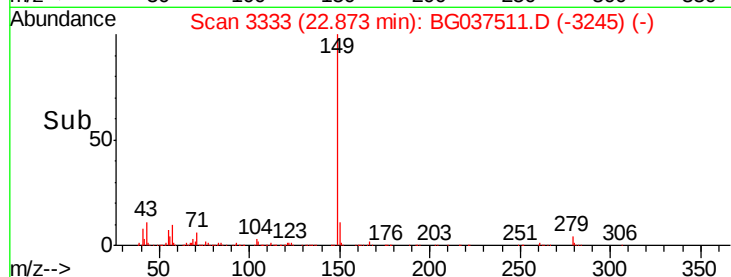
43 10.4 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.215 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

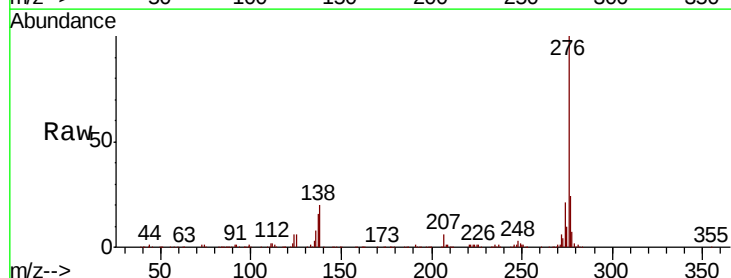
Tgt Ion:276 Resp: 1029550

Ion Ratio Lower Upper

276 100

138 17.4 12.0 18.0

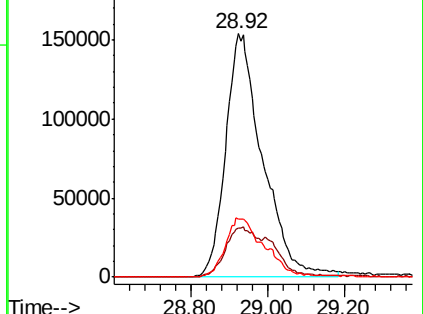
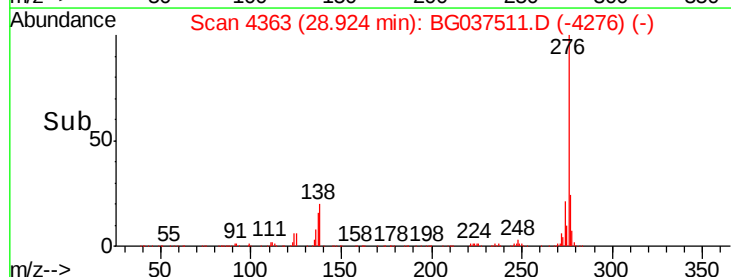
277 25.1 20.6 30.8

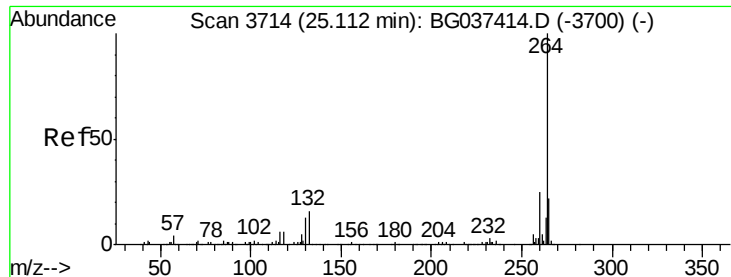


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Instrument :

BNA_G

ClientSampleId :

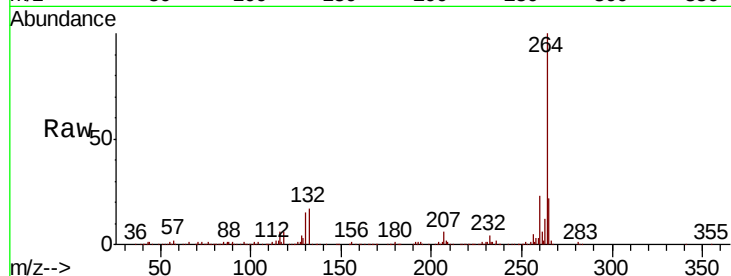
Tot Ion:264 Resp: 463187

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 22.4 17.9 26.9

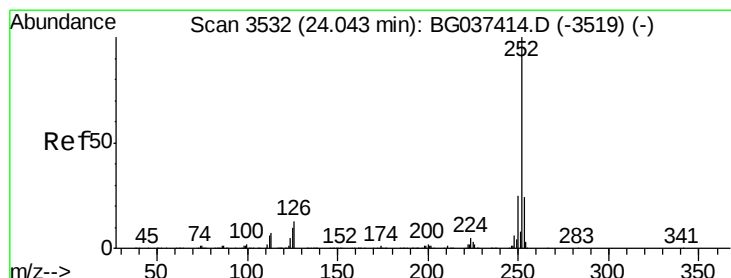
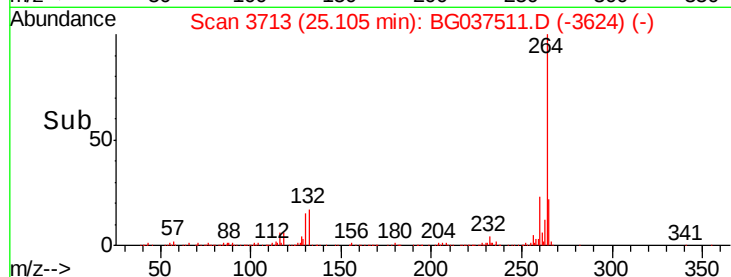
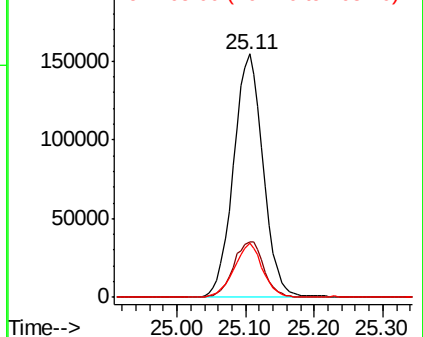


Abundance

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: 37.412 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

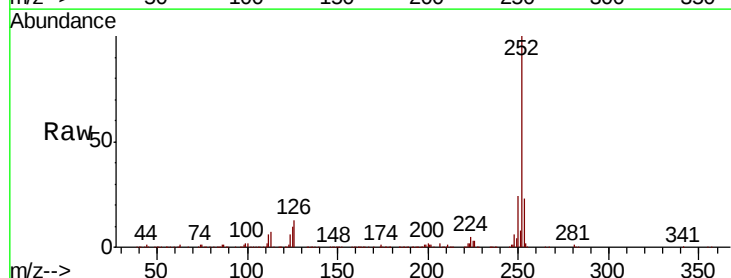
Tgt Ion:252 Resp: 950017

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 10.3 7.8 11.6

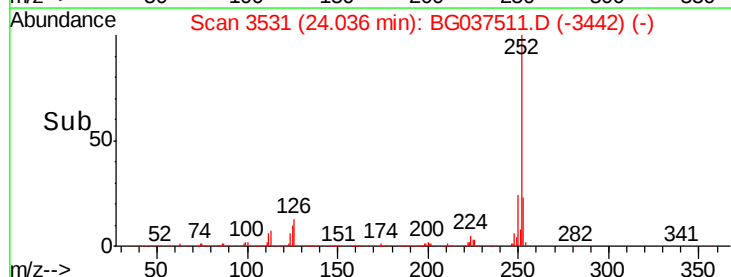
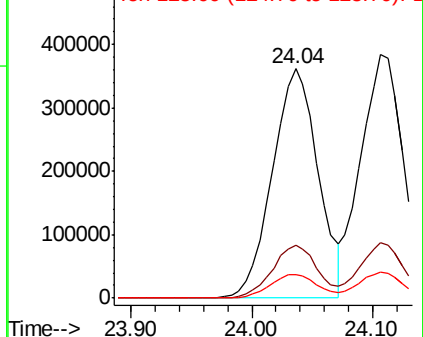


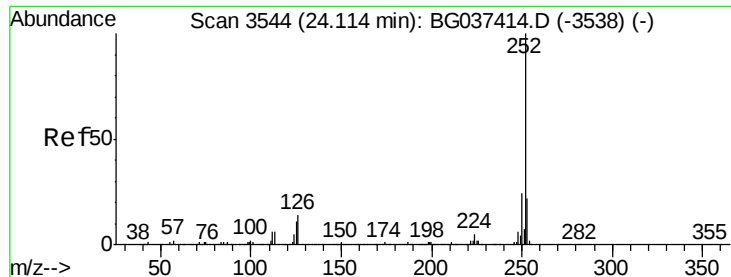
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

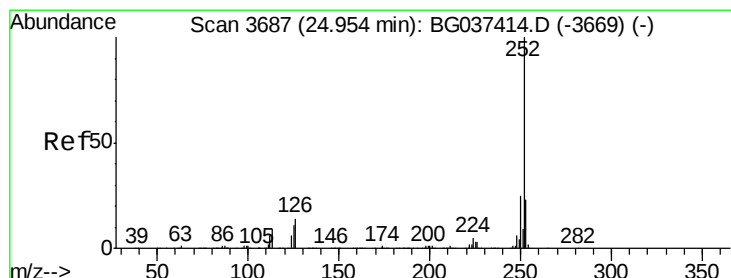
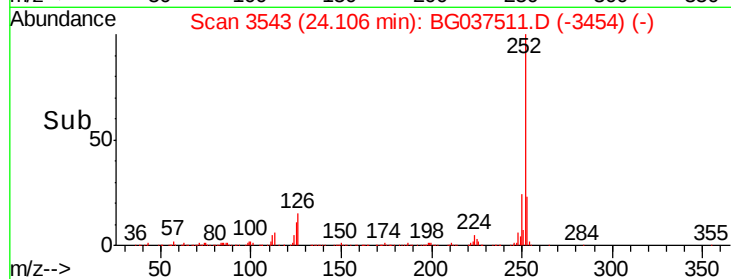
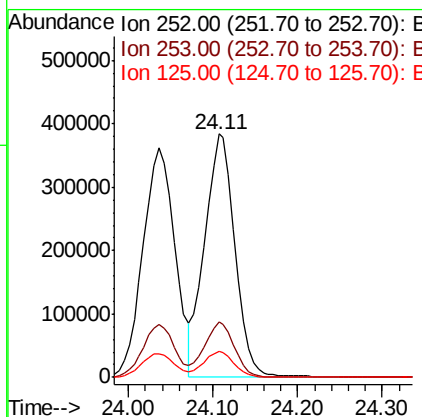
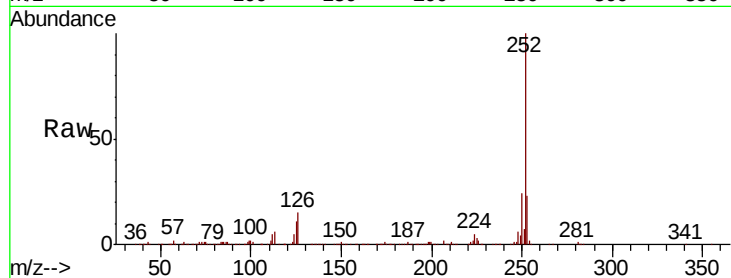




#89
Benzo(k)fluoranthene
Concen: 38.286 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

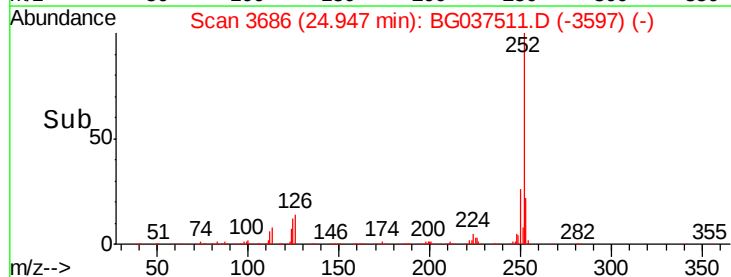
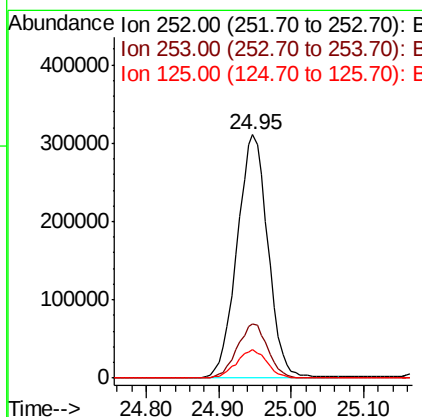
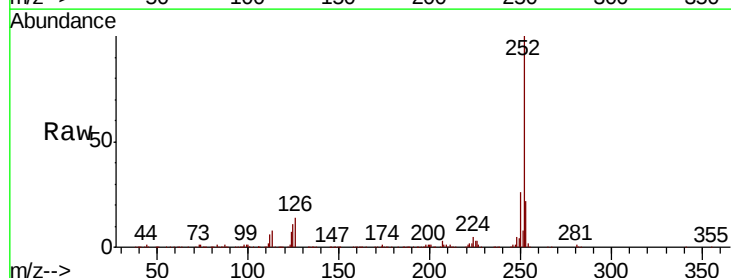
Instrument :
BNA_G
ClientSampleId :

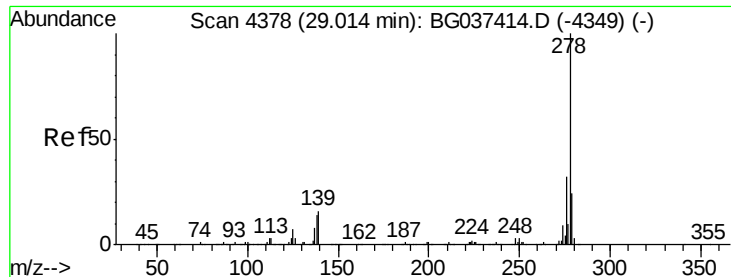
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.5	7.4	11.0



#90
Benzo(a)pyrene
Concen: 38.035 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037511.D
Acq: 24 Oct 2018 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.5	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 37.539 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

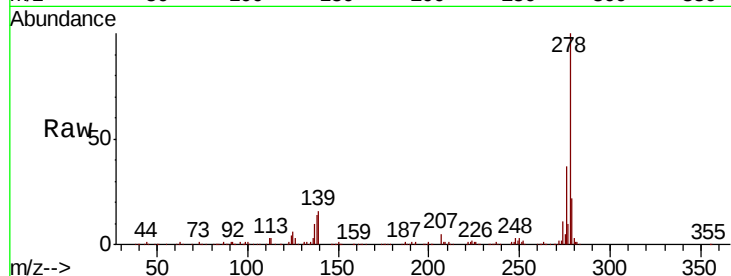
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 835552

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	22.5	18.6	27.8

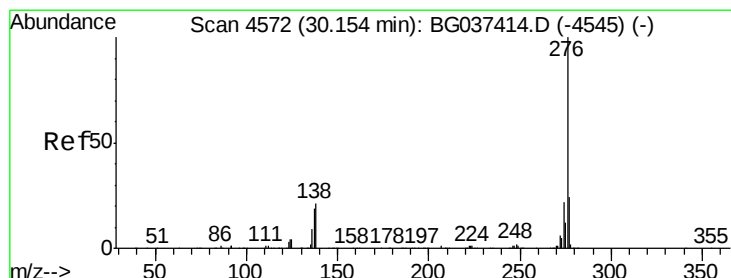
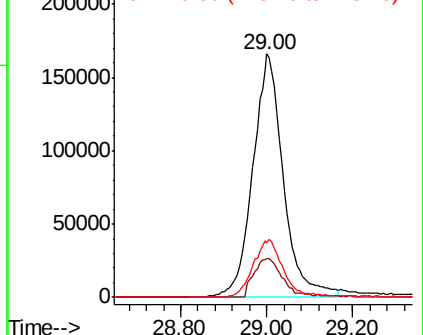
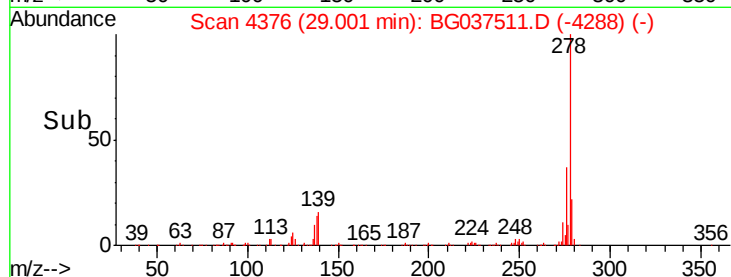


Abundance

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: 36.728 ng

RT: 30.14 min Scan# 4570

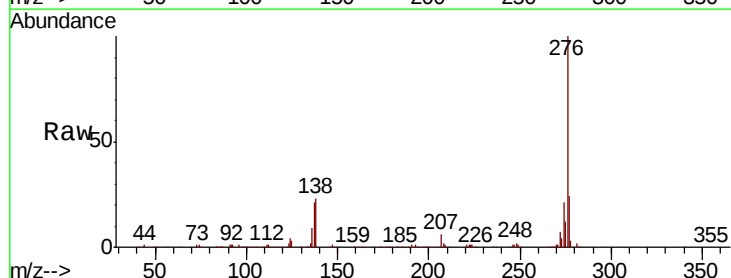
Delta R.T. -0.01 min

Lab File: BG037511.D

Acq: 24 Oct 2018 14:51

Tgt Ion:276 Resp: 827047

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	23.4	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

