

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037518.D
 Acq On : 24 Oct 2018 19:27
 Operator : JU/SJ
 Sample : J4771-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 08:00:07 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	59190	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	255967	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	167897	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	405362	20.00	ng	0.00
76) Chrysene-d12	21.77	240	360104	20.00	ng	0.00
87) Perylene-d12	25.10	264	379177	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	419963	118.62	ng	0.00
7) Phenol-d6	7.25	99	559665	104.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	384251	84.09	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246122	134.40	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	885521	79.53	ng	0.00
79) Terphenyl-d14	20.09	244	1387997	82.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	55851	31.107	ng	# 87
3) Pyridine	3.95	79	143671	31.749	ng	94
4) n-Nitrosodimethylamine	3.86	42	78529	48.720	ng	# 90
6) Aniline	7.43	93	123013	18.835	ng	97
8) 2-Chlorophenol	7.67	128	195400	47.178	ng	98
9) Benzaldehyde	7.24	77	93679	27.974	ng	96
10) Phenol	7.28	94	225115	39.854	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	188269	43.885	ng	97
12) 1,3-Dichlorobenzene	7.99	146	191908	41.621	ng	97
13) 1,4-Dichlorobenzene	8.14	146	195041	41.353	ng	97
14) 1,2-Dichlorobenzene	8.46	146	188571	41.563	ng	98
15) Benzyl Alcohol	8.35	79	189655	47.945	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	340883	44.408	ng	98
17) 2-Methylphenol	8.54	107	176198	47.183	ng	100
18) Hexachloroethane	9.19	117	71398	44.404	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	158945	43.116	ng	94
20) 3+4-Methylphenols	8.86	107	244420	45.779	ng	97
22) Acetophenone	8.93	105	293602	45.736	ng	98
24) Nitrobenzene	9.33	77	226805	47.780	ng	94
25) Isophorone	9.85	82	459769	55.070	ng	97
26) 2-Nitrophenol	10.04	139	109968	51.425	ng	99
27) 2,4-Dimethylphenol	10.08	122	216408	56.680	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	275277	50.325	ng	96
29) 2,4-Dichlorophenol	10.57	162	216853	51.011	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	204056	44.140	ng	97
31) Naphthalene	10.98	128	612778	48.740	ng	99
32) Benzoic acid	10.20	122	124606	50.247	ng	97
33) 4-Chloroaniline	11.09	127	21770	3.685	ng	92
34) Hexachlorobutadiene	11.24	225	118215	43.146	ng	97
35) Caprolactam	11.88	113	36672	21.509	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	244583	51.016	ng	99
37) 2-Methylnaphthalene	12.58	142	468403	51.109	ng	99
38) 1-Methylnaphthalene	12.79	142	446888	50.210	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	239462	44.217	ng	99

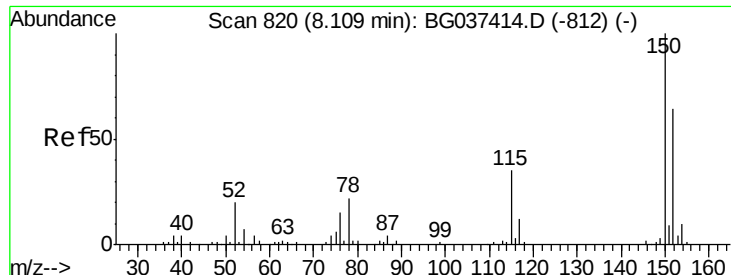
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	266436	102.995	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	186188	51.461	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	204480	51.909	ng	98
46) 1,1'-Biphenyl	13.58	154	614120	44.166	ng	98
47) 2-Chloronaphthalene	13.62	162	489684	46.550	ng	99
48) 2-Nitroaniline	13.83	65	168604	52.853	ng	95
49) Acenaphthylene	14.46	152	817089	51.635	ng	100
50) Dimethylphthalate	14.19	163	662704	51.021	ng	100
51) 2,6-Dinitrotoluene	14.32	165	148002	51.508	ng	96
52) Acenaphthene	14.80	154	483285	49.590	ng	98
53) 3-Nitroaniline	14.65	138	77235	24.213	ng	# 97
54) 2,4-Dinitrophenol	14.85	184	131166	92.966	ng	93
55) Dibenzofuran	15.14	168	761179	47.141	ng	100
56) 4-Nitrophenol	14.95	139	309663	131.150	ng	98
57) 2,4-Dinitrotoluene	15.10	165	210588	55.832	ng	95
58) Fluorene	15.79	166	628080	51.943	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	178888	53.039	ng	98
60) Diethylphthalate	15.54	149	678971	50.916	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	327784	46.509	ng	99
62) 4-Nitroaniline	15.81	138	162547	51.282	ng	92
63) Azobenzene	16.07	77	636173	50.001	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	106424	49.671	ng	97
66) n-Nitrosodiphenylamine	15.99	169	583259	47.834	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	206760	46.447	ng	96
68) Hexachlorobenzene	16.78	284	210722	45.674	ng	98
69) Atrazine	16.93	200	216468	49.102	ng	99
70) Pentachlorophenol	17.12	266	262971	85.094	ng	97
71) Phenanthrene	17.53	178	1042165	50.586	ng	99
72) Anthracene	17.62	178	1057369	52.299	ng	97
73) Carbazole	17.89	167	968416	47.885	ng	99
74) Di-n-butylphthalate	18.43	149	1152118	51.212	ng	100
75) Fluoranthene	19.53	202	1204579	51.552	ng	98
77) Benzidine	19.72	184	76379	6.238	ng	96
78) Pyrene	19.89	202	1201946	51.059	ng	100
80) Butylbenzylphthalate	20.77	149	526541	54.653	ng	97
81) Benzo(a)anthracene	21.75	228	1127062	52.914	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	211535	25.622	ng	98
83) Chrysene	21.82	228	1045331	51.038	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	728907	53.976	ng	97
85) Di-n-octyl phthalate	22.87	149	1226100	55.678	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1156133	52.629	ng	# 90
88) Benzo(b)fluoranthene	24.04	252	1091374	52.500	ng	99
89) Benzo(k)fluoranthene	24.11	252	1083618	53.206	ng	97
90) Benzo(a)pyrene	24.95	252	1064624	53.896	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	954176	52.367	ng	97
92) Benzo(g,h,i)perylene	30.14	276	929330	50.413	ng	99

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

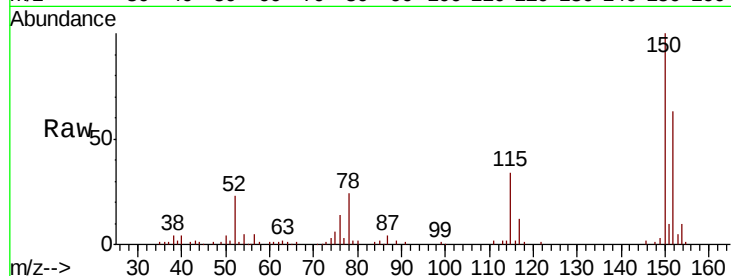


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.0	189.0
115	53.5	45.5	68.3

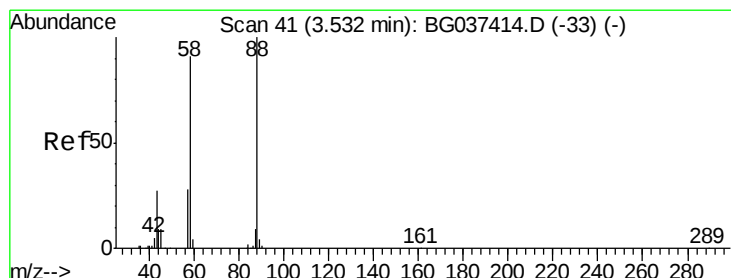
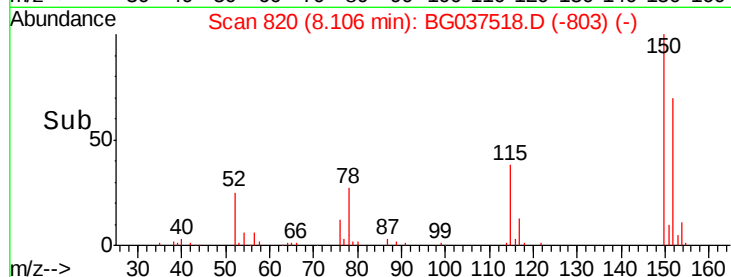
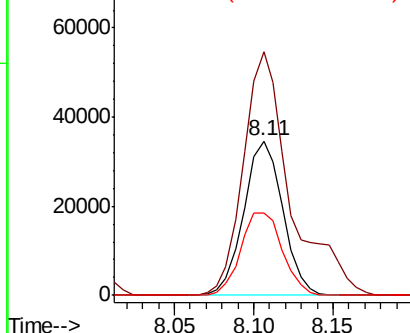


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

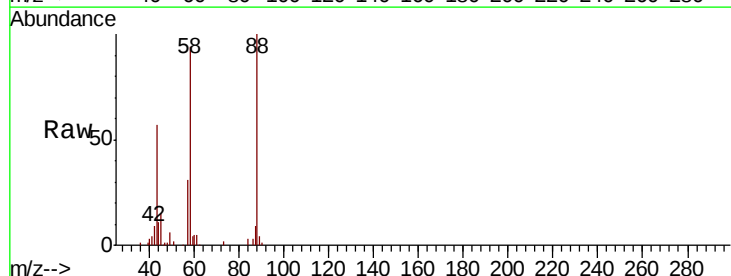
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.107 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	74.4	111.6
43	52.8	25.8	38.8#

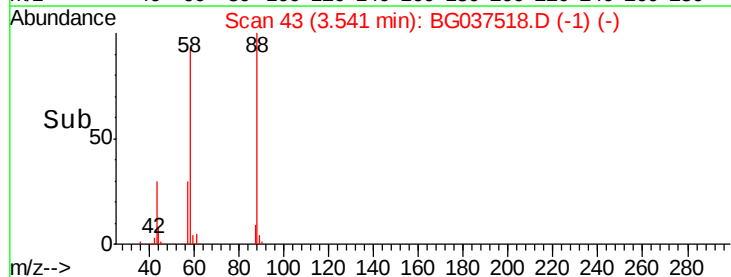
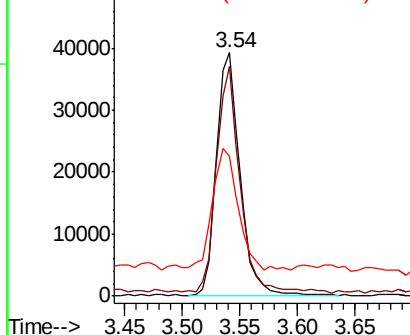


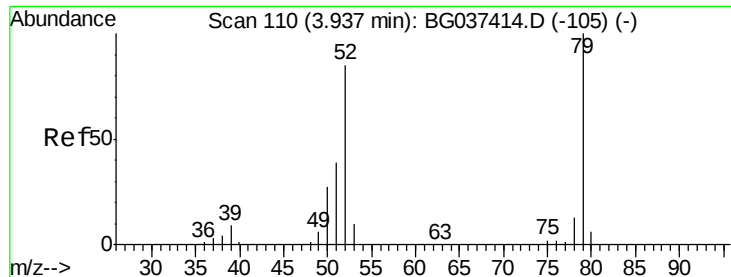
Abundance

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: 31.749 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

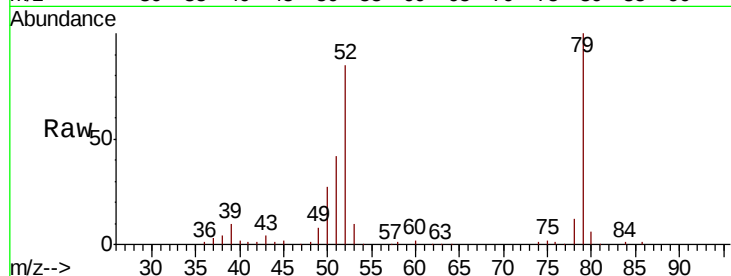
Tot Ion: 79 Resp: 143671

Ion Ratio Lower Upper

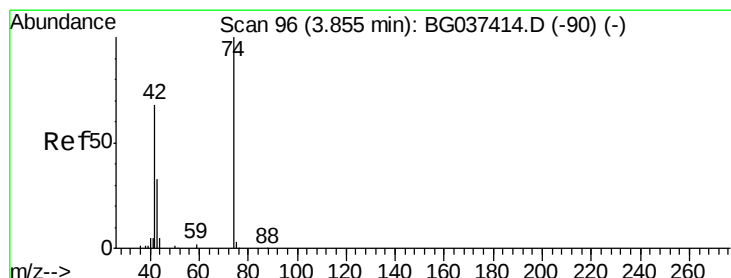
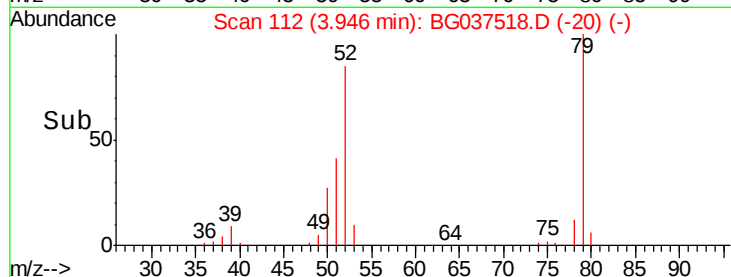
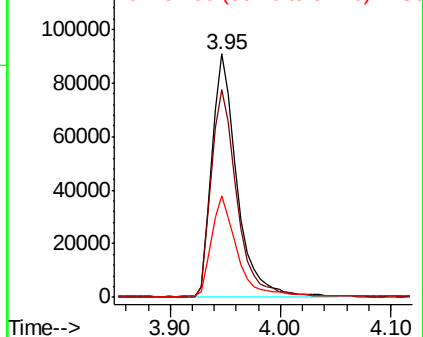
79 100

52 85.3 74.2 111.2

51 41.8 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 48.720 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

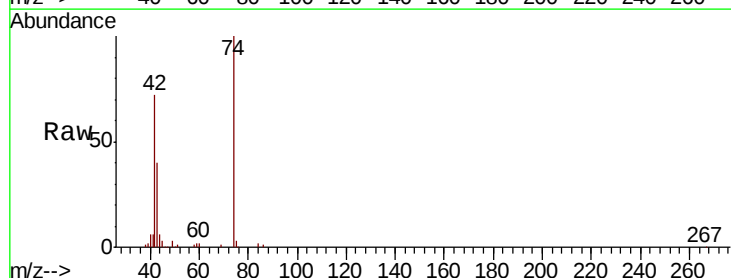
Tgt Ion: 42 Resp: 78529

Ion Ratio Lower Upper

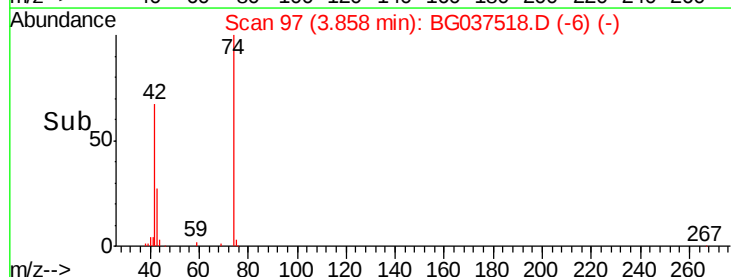
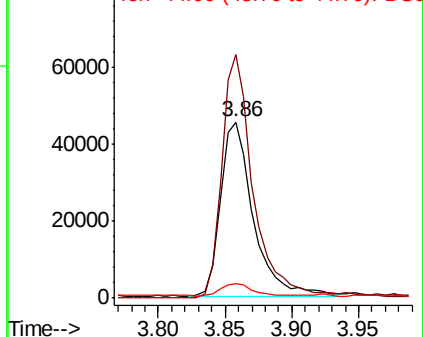
42 100

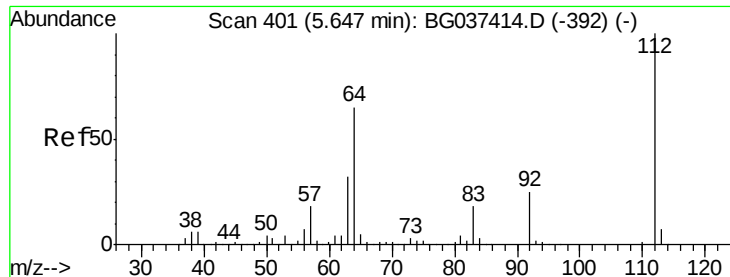
74 138.5 102.0 153.0

44 8.4 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 118.621 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampled :

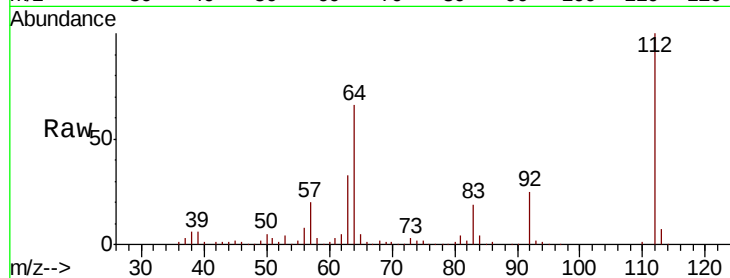
Tot Ion:112 Resp: 419963

Ion Ratio Lower Upper

112 100

64 65.5 53.1 79.7

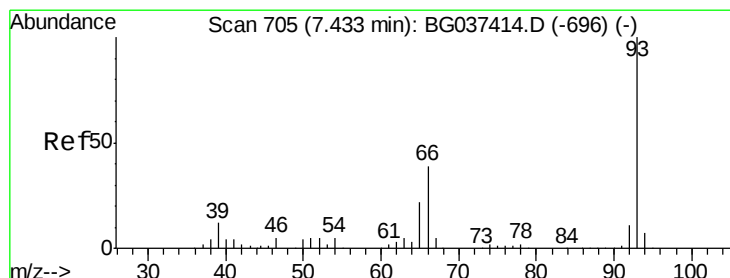
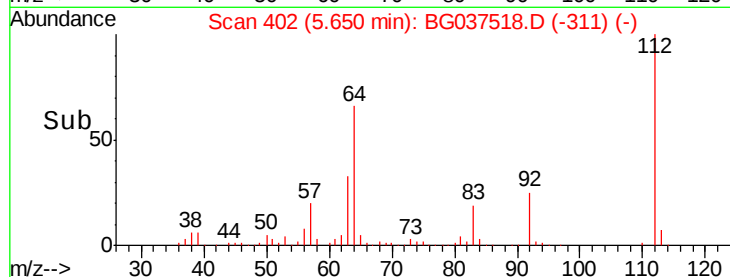
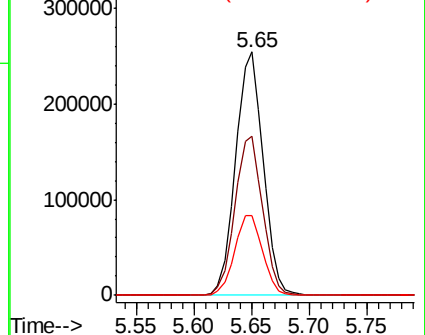
63 32.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.835 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

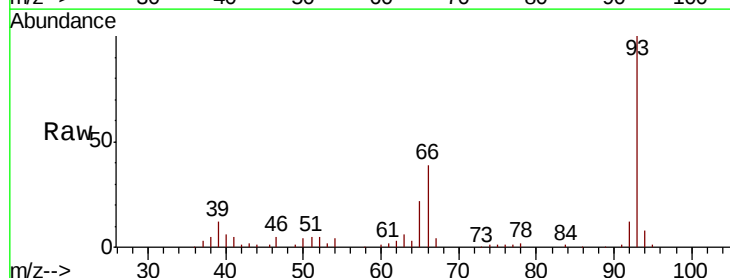
Tgt Ion: 93 Resp: 123013

Ion Ratio Lower Upper

93 100

66 39.3 32.8 49.2

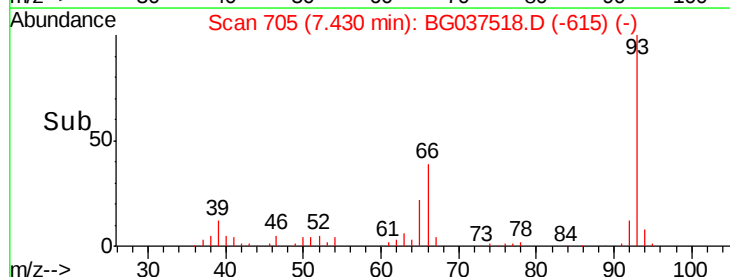
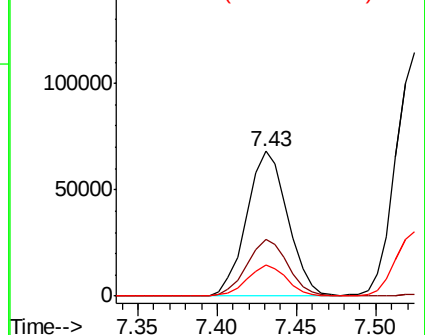
65 22.0 16.4 24.6

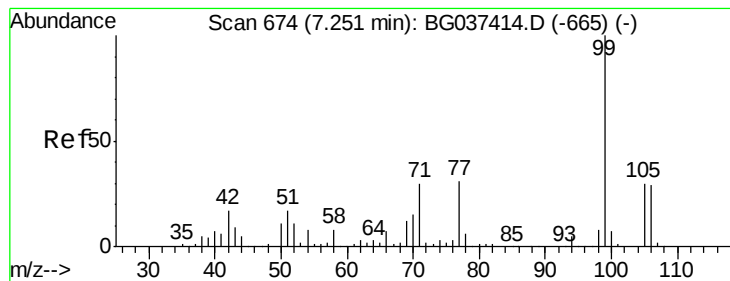


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.542 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

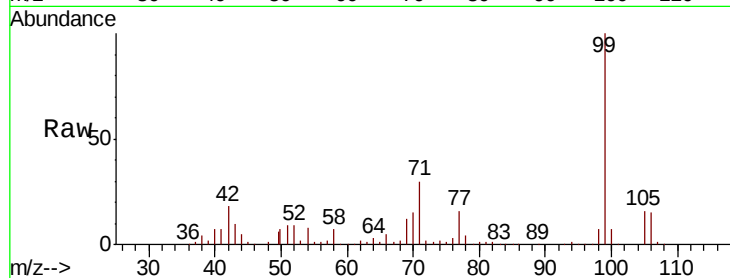
Tot Ion: 99 Resp: 559665

Ion Ratio Lower Upper

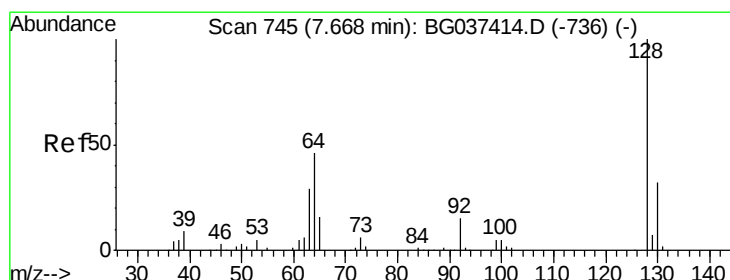
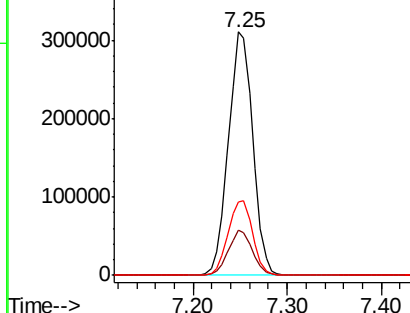
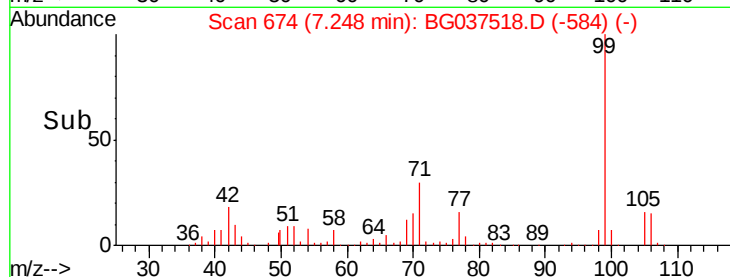
99 100

42 18.5 15.0 22.4

71 30.1 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: 47.178 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

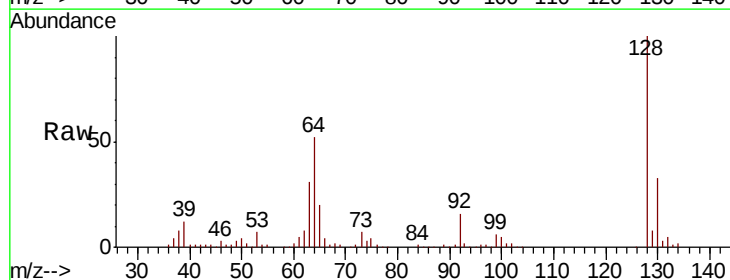
Tgt Ion: 128 Resp: 195400

Ion Ratio Lower Upper

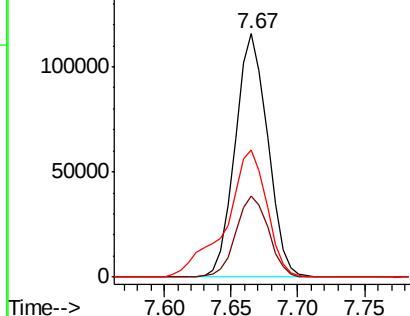
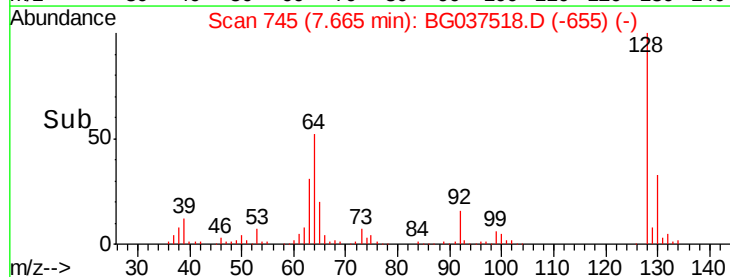
128 100

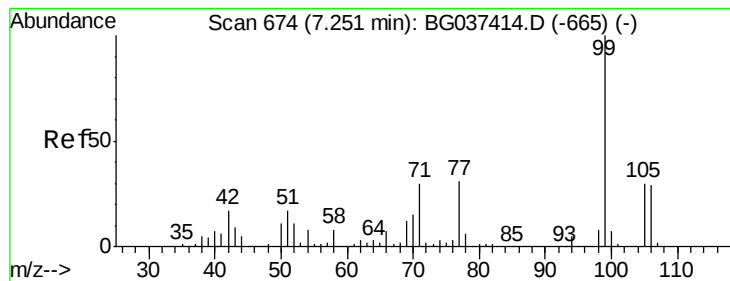
130 33.1 12.0 52.0

64 52.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 27.974 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

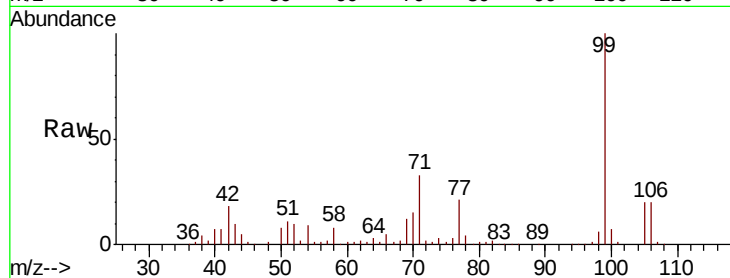
Tot Ion: 77 Resp: 93679

Ion Ratio Lower Upper

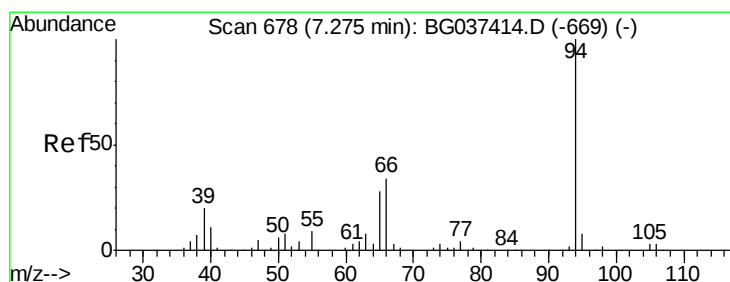
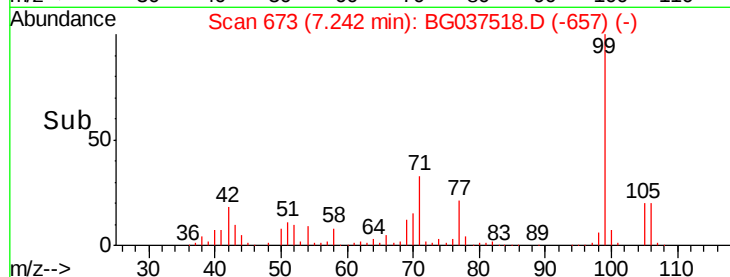
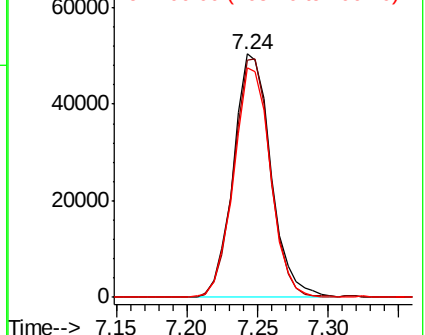
77 100

105 97.2 72.6 112.6

106 94.2 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: 39.854 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

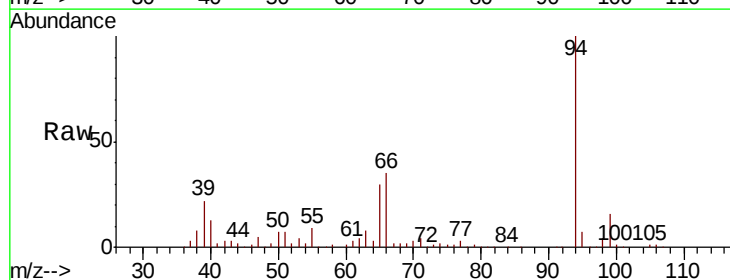
Tgt Ion: 94 Resp: 225115

Ion Ratio Lower Upper

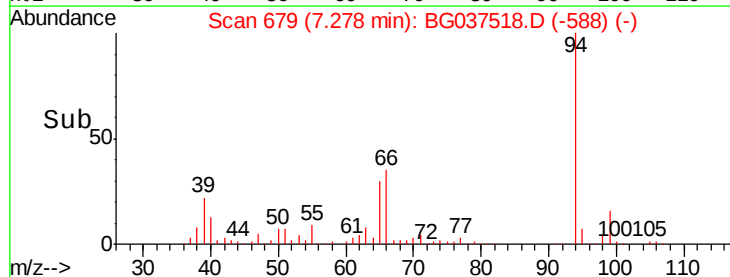
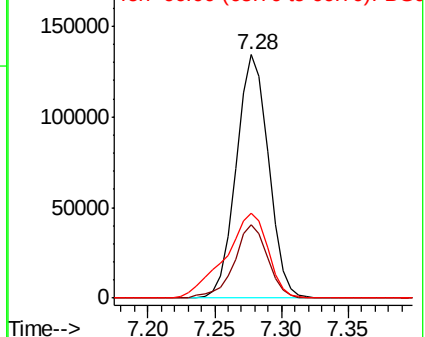
94 100

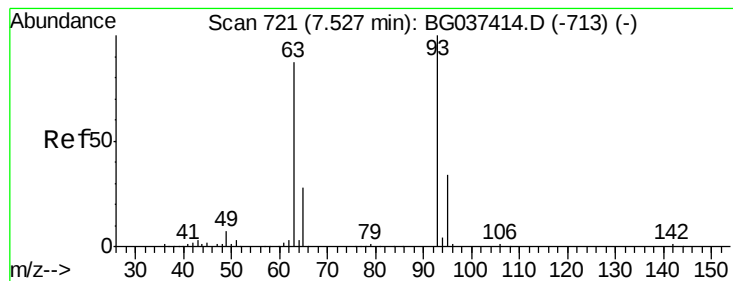
65 30.0 9.7 49.7

66 35.0 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 43.885 ng

RT: 7.52 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

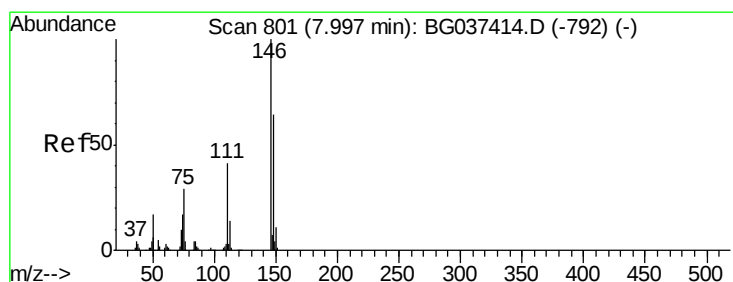
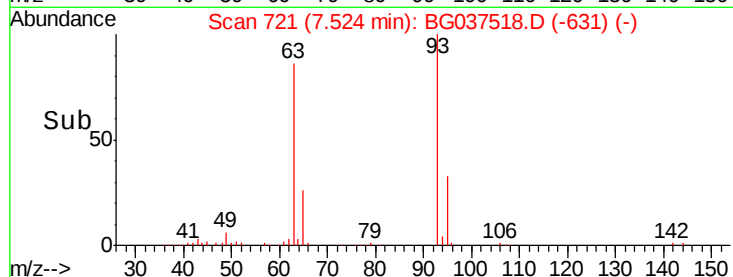
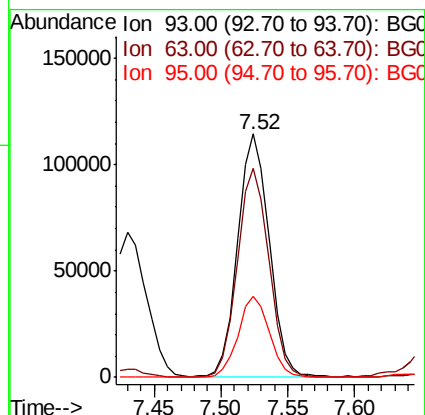
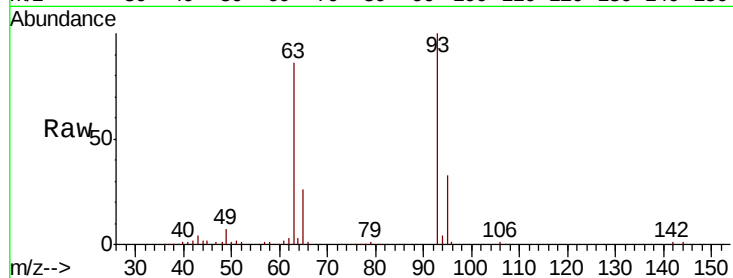
Tot Ion: 93 Resp: 188269

Ion Ratio Lower Upper

93 100

63 85.7 69.5 109.5

95 33.5 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.621 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

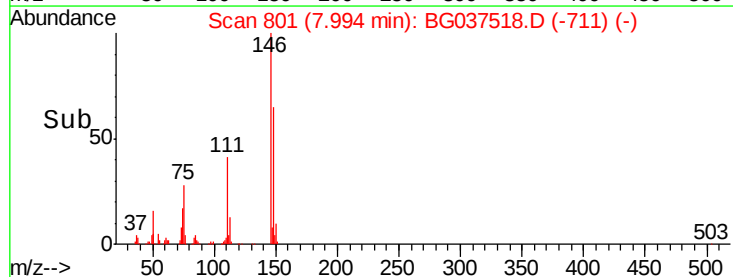
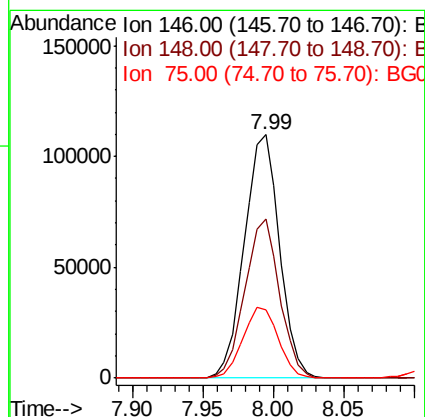
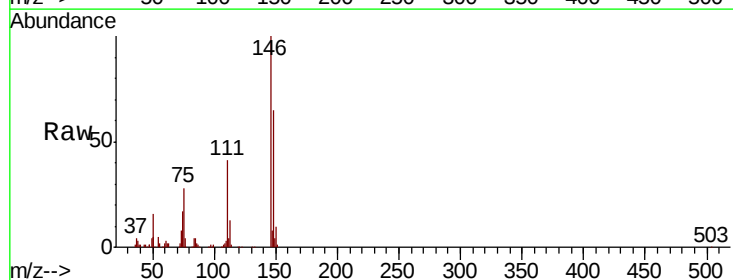
Tgt Ion: 146 Resp: 191908

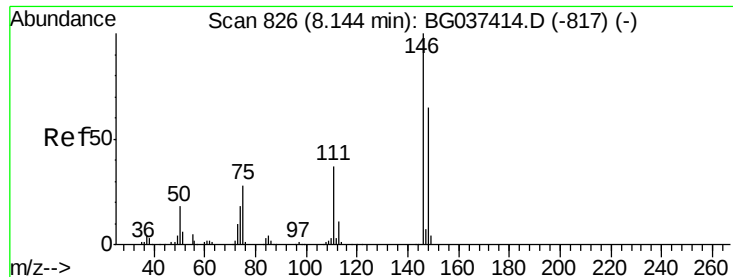
Ion Ratio Lower Upper

146 100

148 65.4 49.8 74.8

75 28.1 23.2 34.8

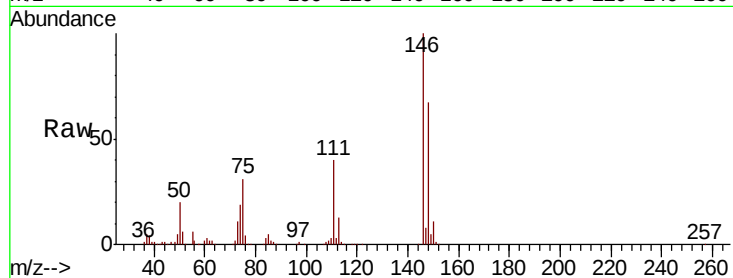




#13
 1,4-Dichlorobenzene
 Concen: 41.353 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.0	76.6
111	40.0	32.4	48.6

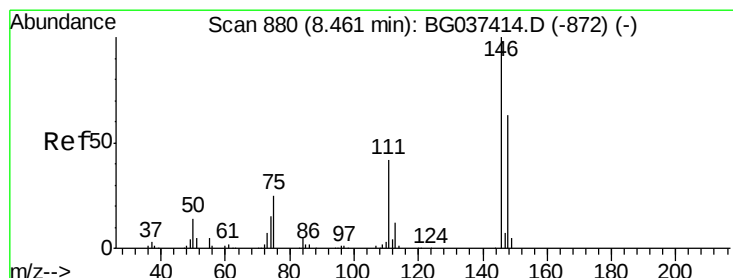
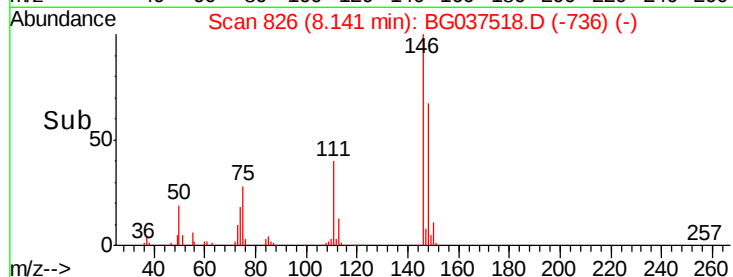
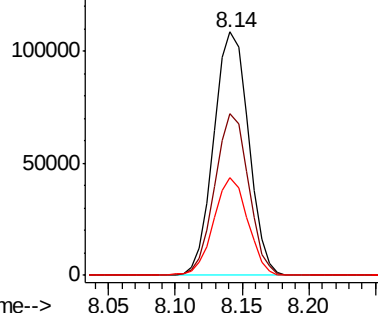


Abundance

Ion 146.00 (145.70 to 146.70): E

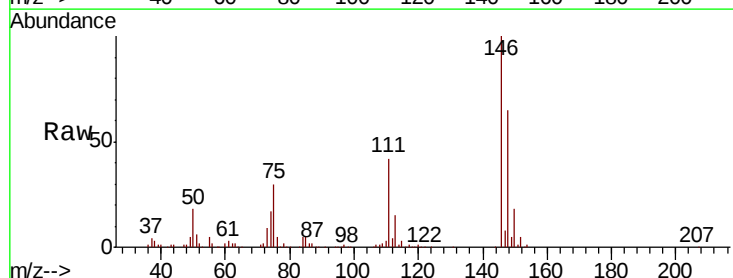
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.563 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.4	75.6
111	42.4	34.6	51.8

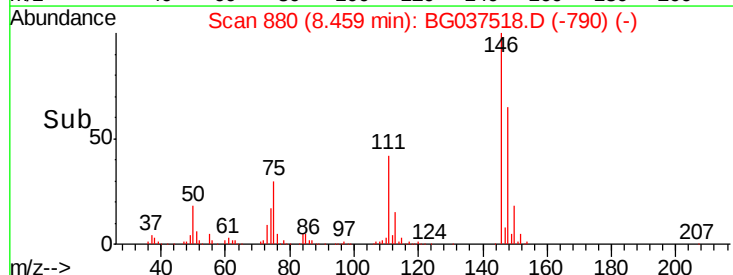
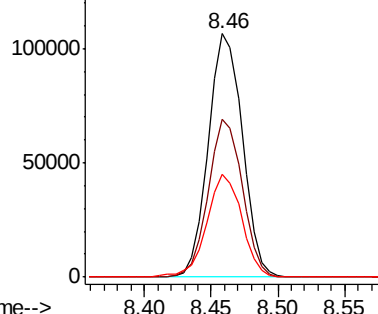


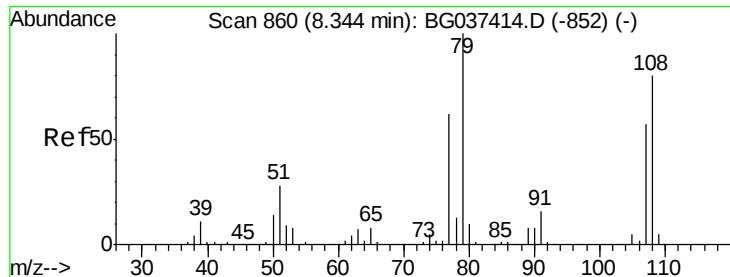
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.945 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampled :

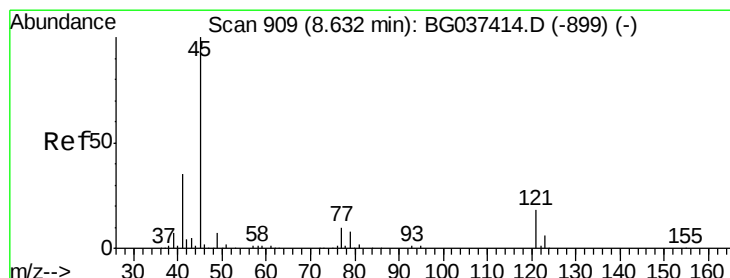
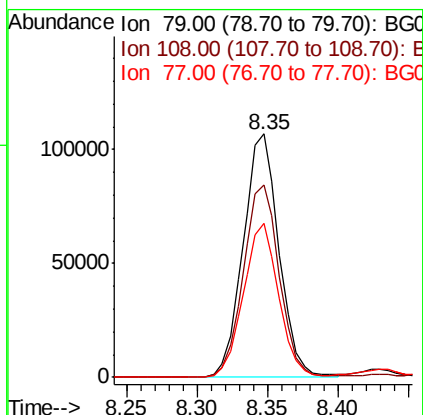
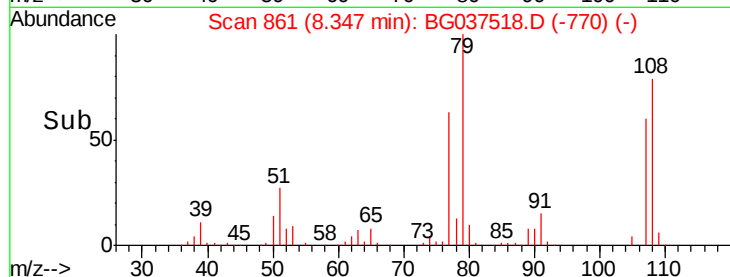
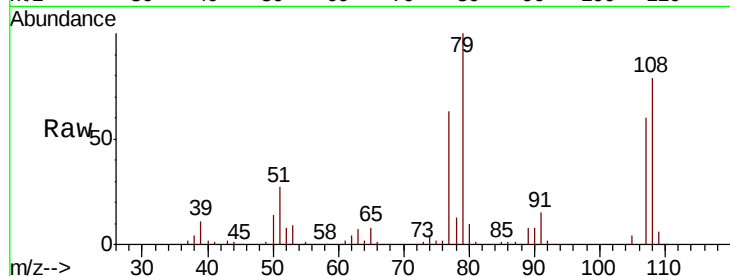
Tot Ion: 79 Resp: 189655

Ion Ratio Lower Upper

79 100

108 78.9 65.8 98.8

77 63.2 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.408 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

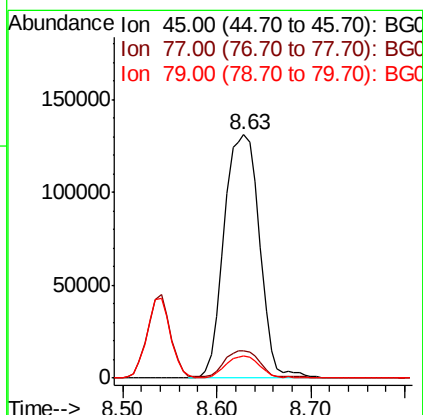
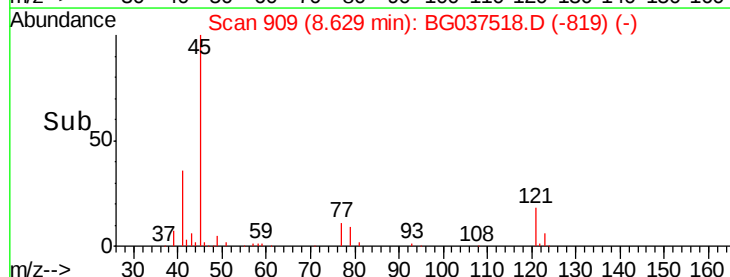
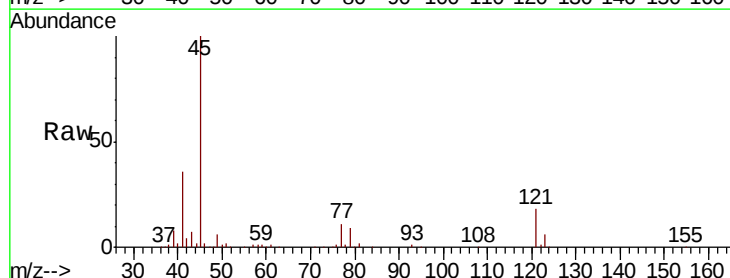
Tgt Ion: 45 Resp: 340883

Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.0

79 9.3 0.0 29.0

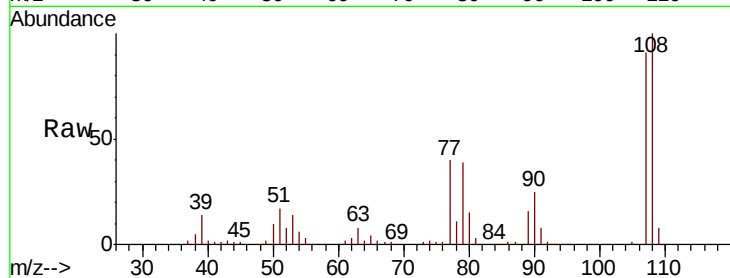




#17
2-Methylphenol
Concen: 47.183 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.9	131.9
77	44.4	35.1	52.7
79	42.5	34.5	51.7



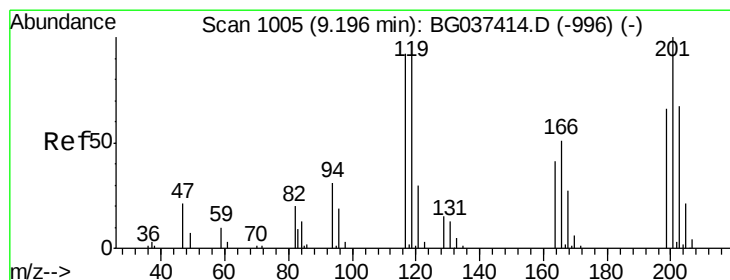
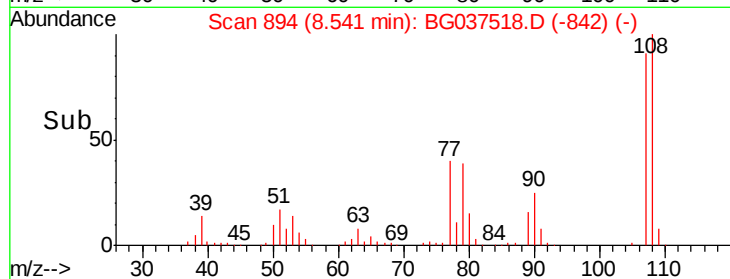
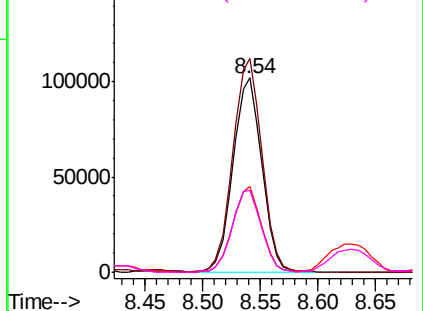
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

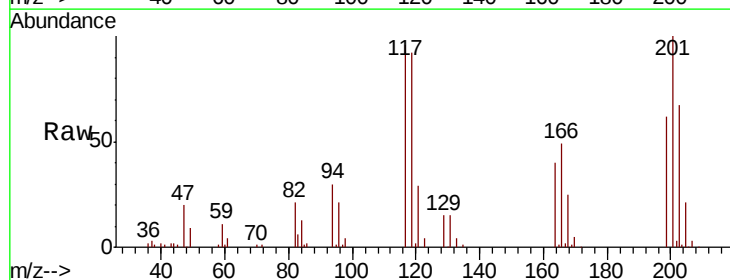
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 44.404 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.6	111.8
201	107.7	80.8	121.2

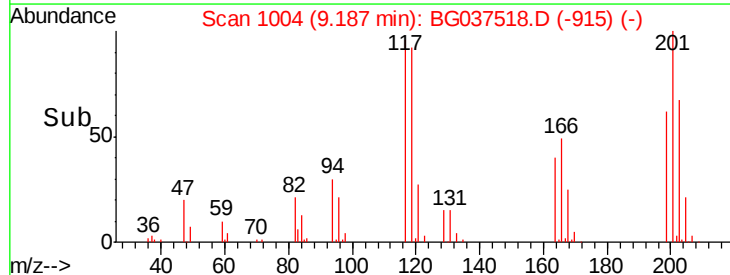
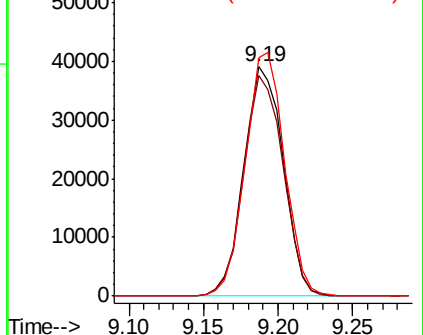


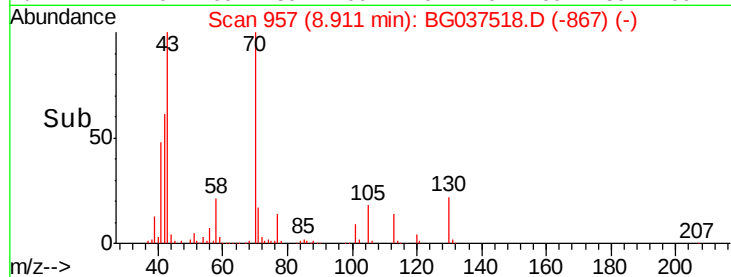
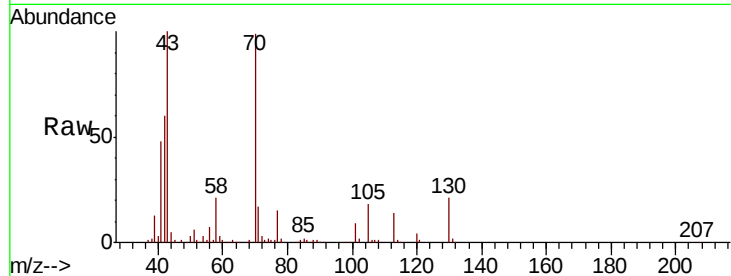
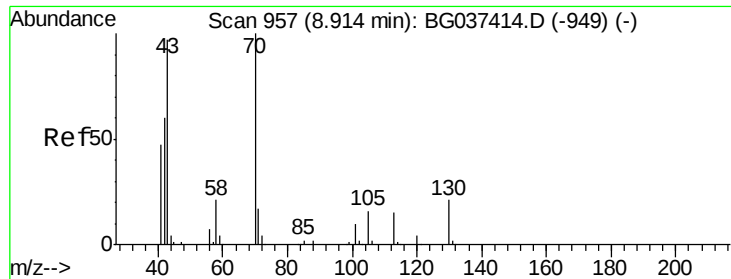
Abundance

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

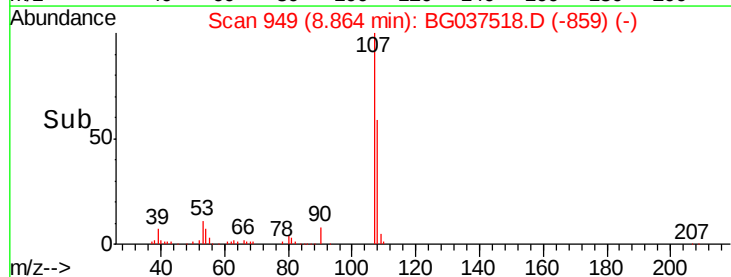
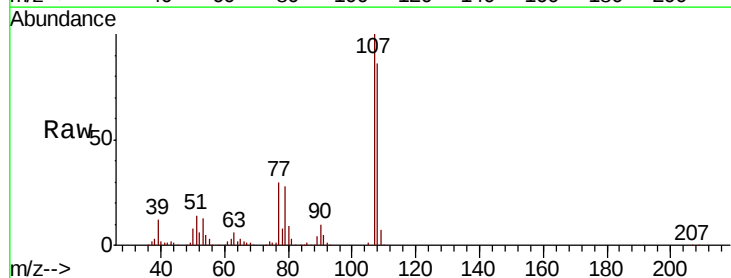
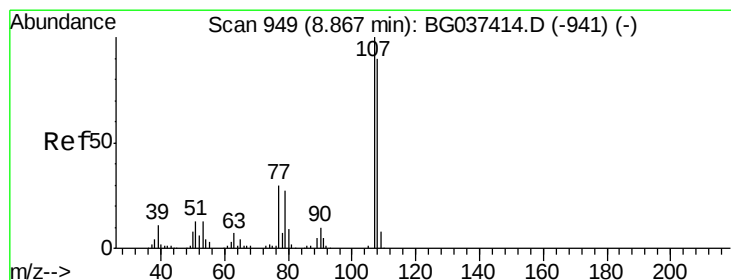
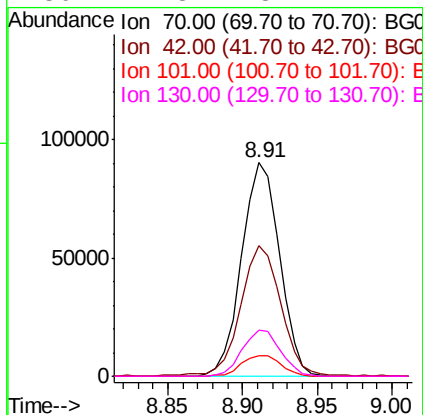




#19
n-Nitroso-di-n-propylamine
Concen: 43.116 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

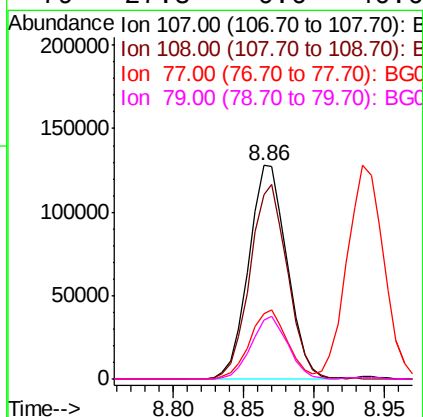
Instrument :
BNA_G
ClientSampleId :

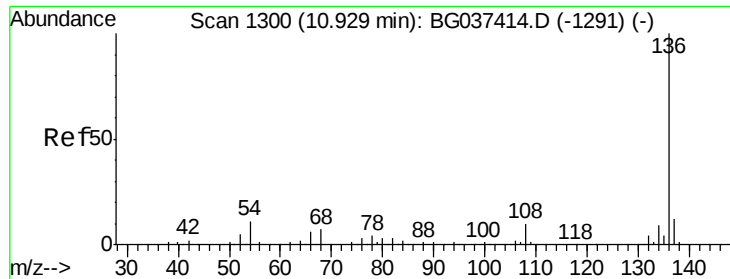
Tot Ion: 70 Resp: 158945
Ion Ratio Lower Upper
70 100
42 61.2 53.9 80.9
101 9.4 8.2 12.2
130 21.8 18.2 27.4



#20
3+4-Methylphenols
Concen: 45.779 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion:107 Resp: 244420
Ion Ratio Lower Upper
107 100
108 86.0 69.9 109.9
77 30.5 11.2 51.2
79 27.8 6.6 46.6

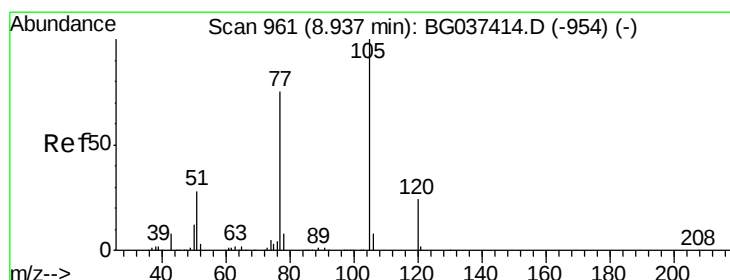
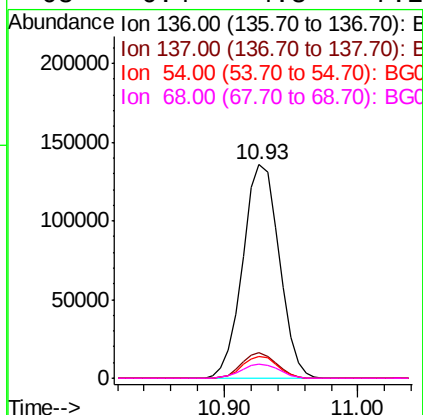
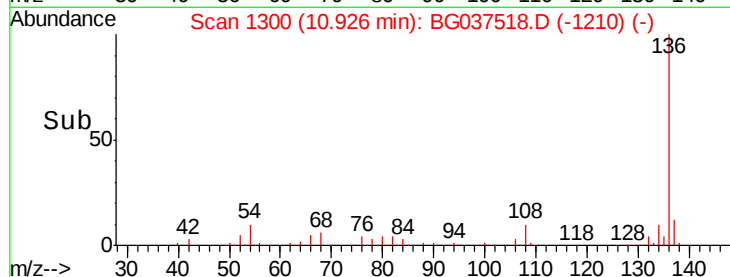
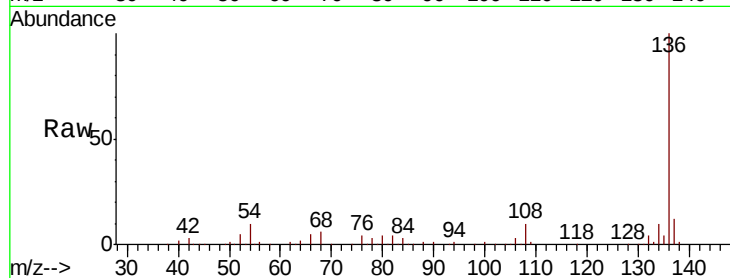




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

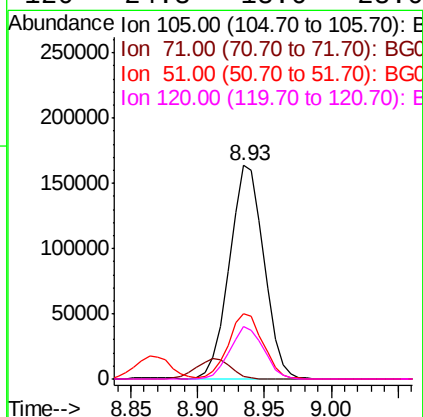
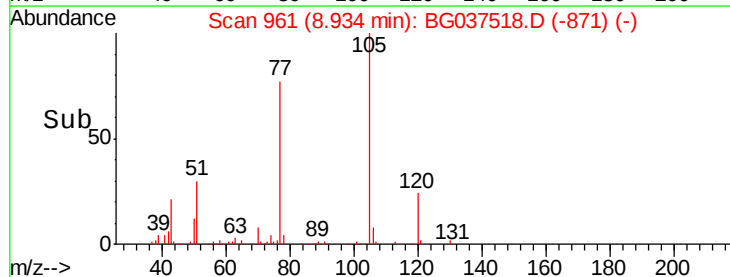
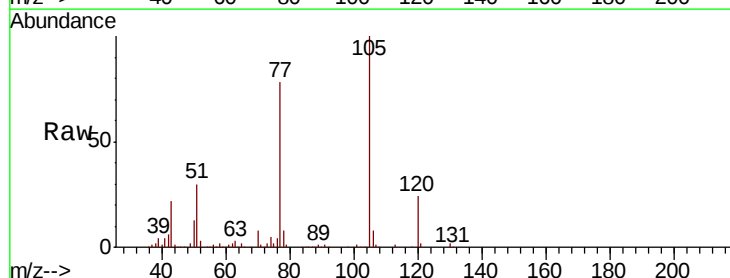
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	255967	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.6	14.4	
54 10.0	7.9	11.9	
68 6.4	4.8	7.2	



#22
Acetophenone
Concen: 45.736 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt	Ion:105	Resp:	293602
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.2	1.8
51	30.4	25.0	37.6
120	24.3	18.6	28.0

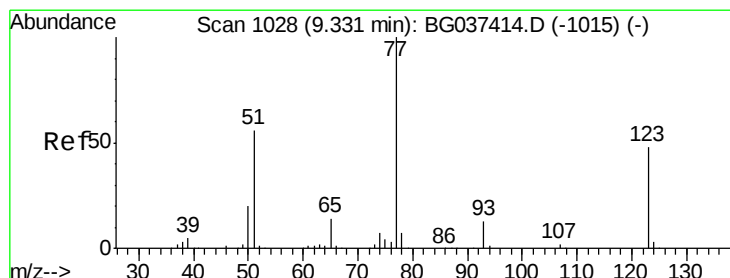
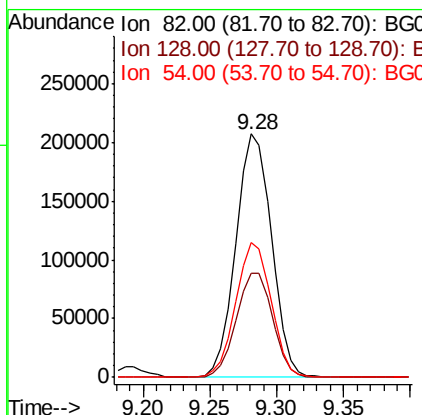
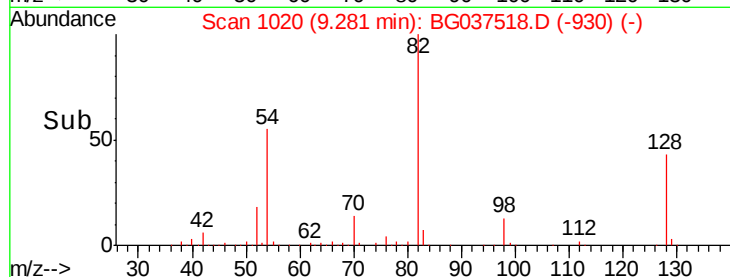
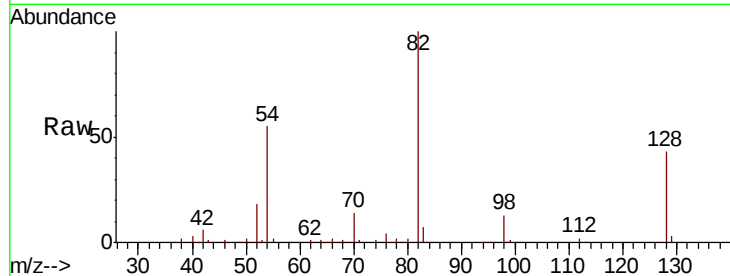




#23
 Nitrobenzene-d5
 Concen: 84.094 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

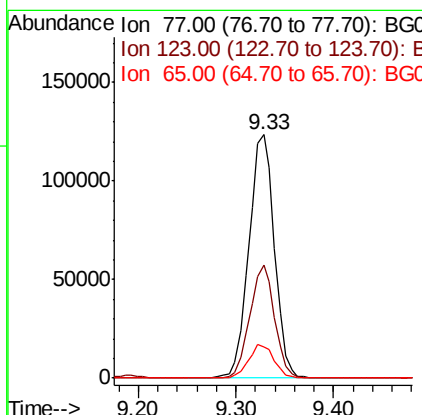
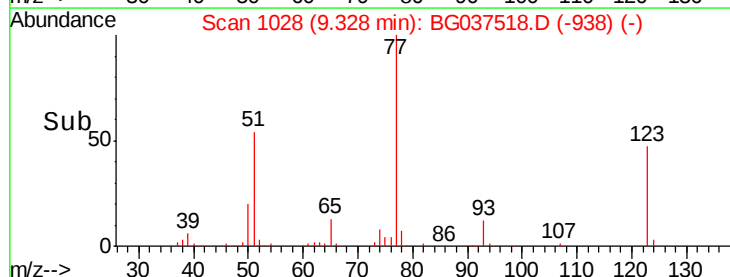
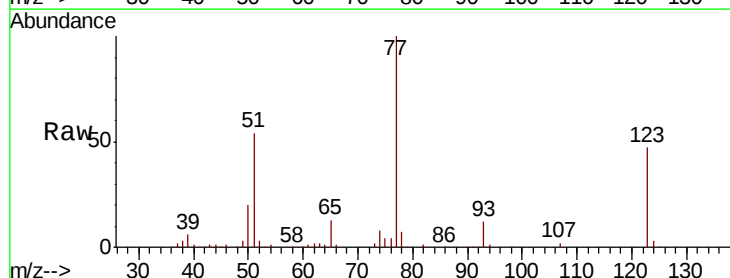
Instrument :
 BNA_G
 ClientSampleId :

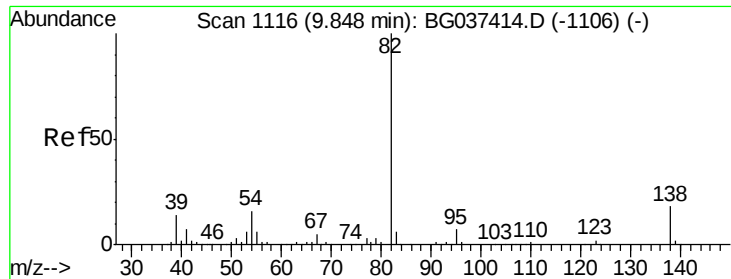
Tot Ion	82	Resp	384251
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.6	51.8
54	55.3	45.3	67.9



#24
 Nitrobenzene
 Concen: 47.780 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	77	Resp	226805
Ion Ratio	Lower	Upper	
77	100		
123	46.6	33.6	50.4
65	12.9	11.3	16.9

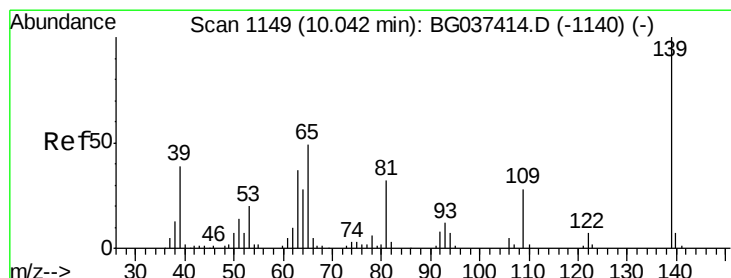
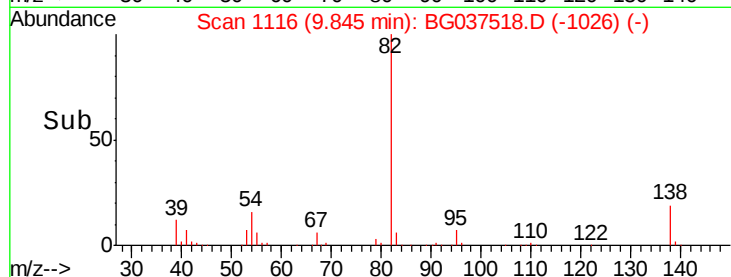
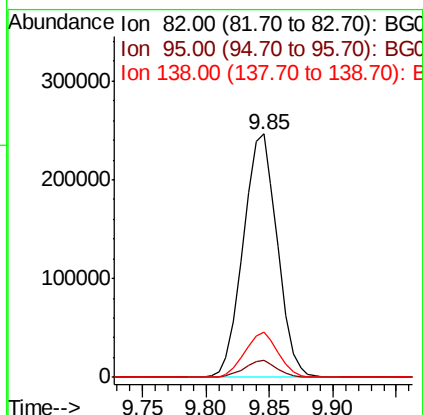
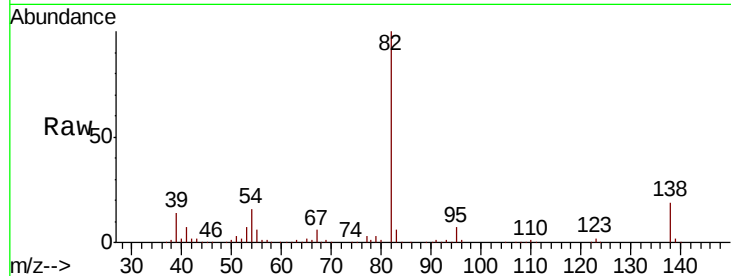




#25
Isophorone
Concen: 55.070 ng
RT: 9.85 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

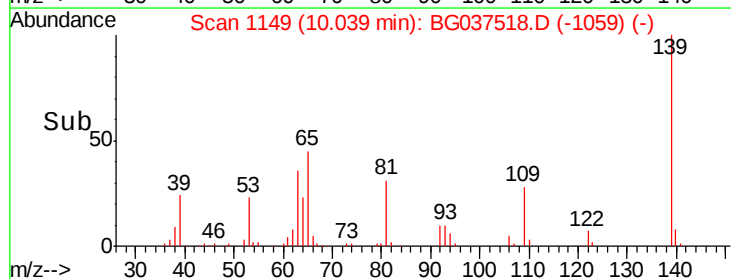
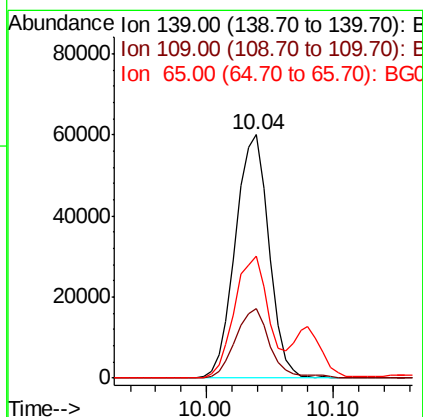
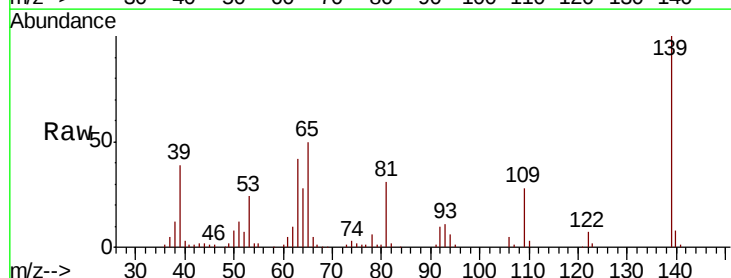
Instrument :
BNA_G
ClientSampleId :

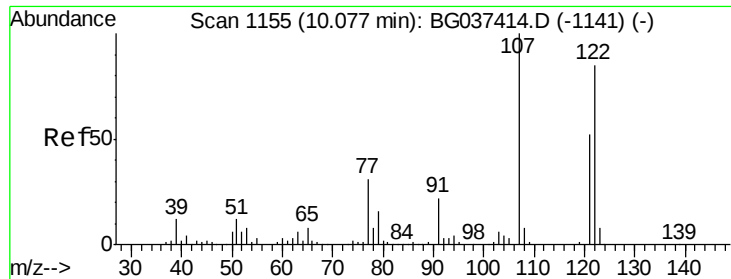
Tot Ion	82	Resp	459769
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.6	13.3	19.9



#26
2-Nitrophenol
Concen: 51.425 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	139	Resp	109968
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.3	34.9
65	50.3	39.8	59.8

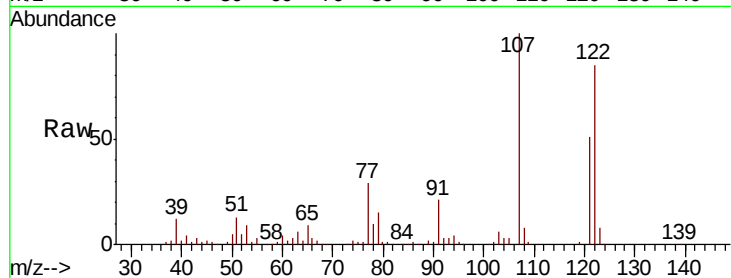




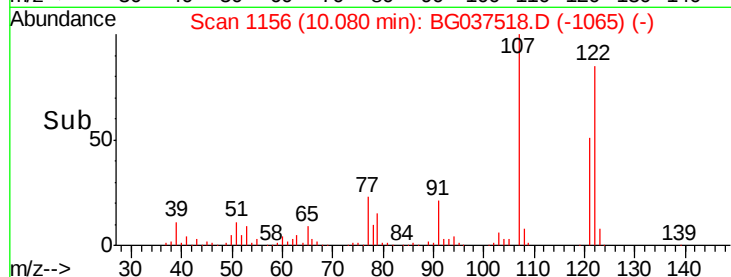
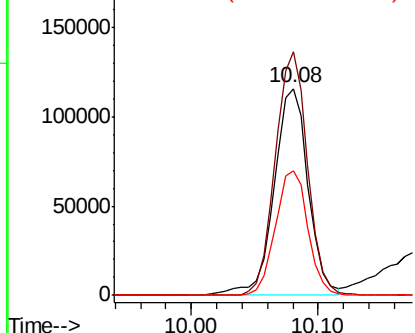
#27
 2,4-Dimethylphenol
 Concen: 56.680 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 216408
 Ion Ratio Lower Upper
 122 100
 107 117.7 94.2 141.2
 121 60.4 47.3 70.9

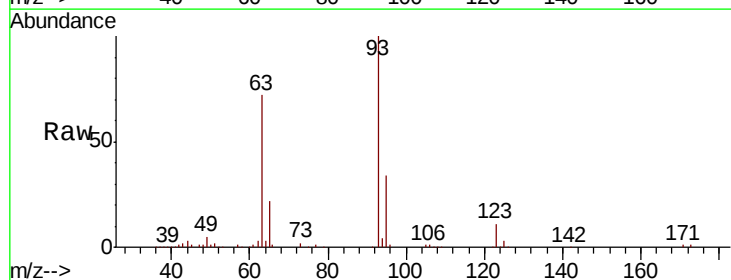


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

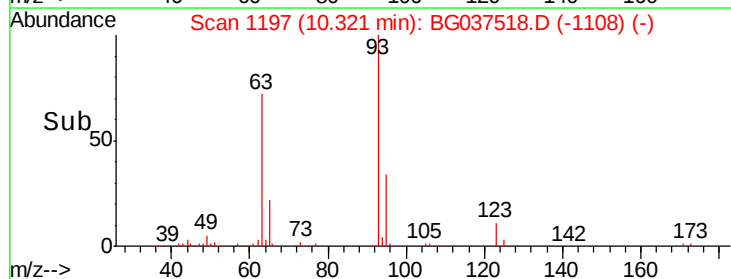
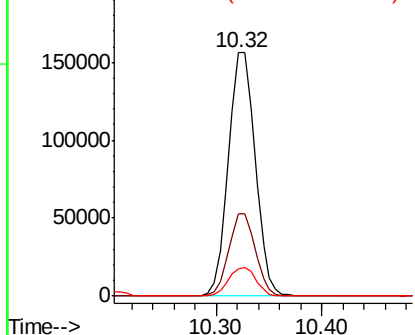


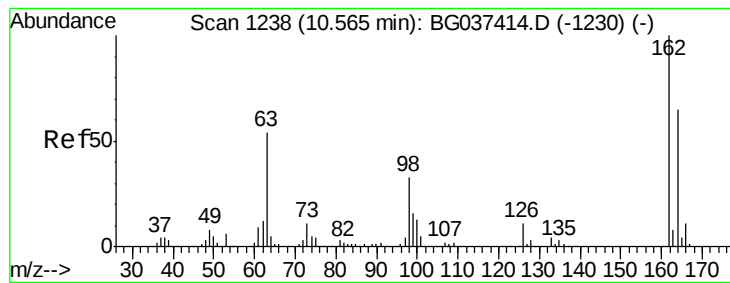
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.325 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion: 93 Resp: 275277
 Ion Ratio Lower Upper
 93 100
 95 34.1 24.6 37.0
 123 11.3 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: 51.011 ng

RT: 10.57 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

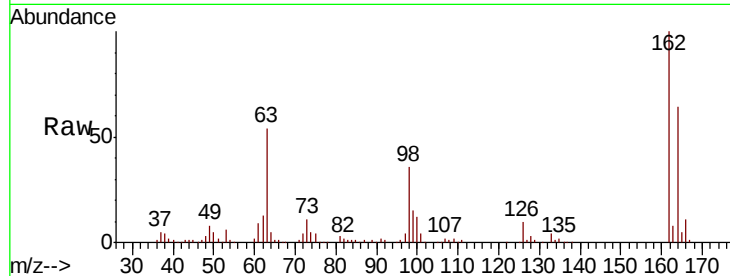
Tot Ion:162 Resp: 216853

Ion Ratio Lower Upper

162 100

164 63.9 43.2 83.2

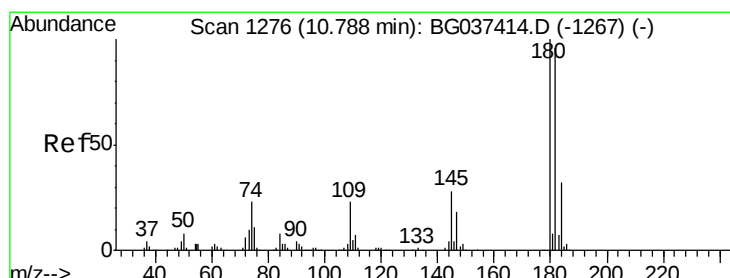
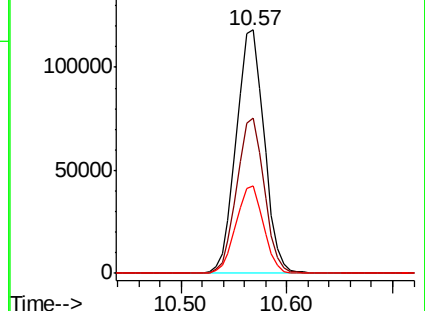
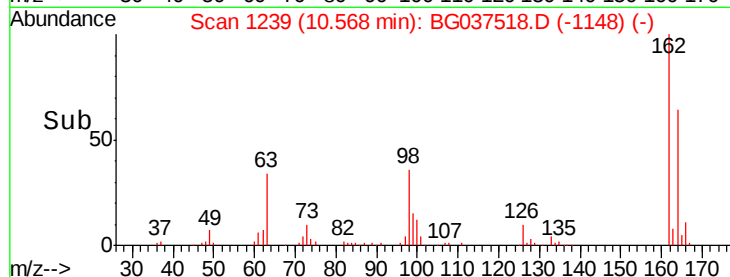
98 35.8 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 44.140 ng

RT: 10.79 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

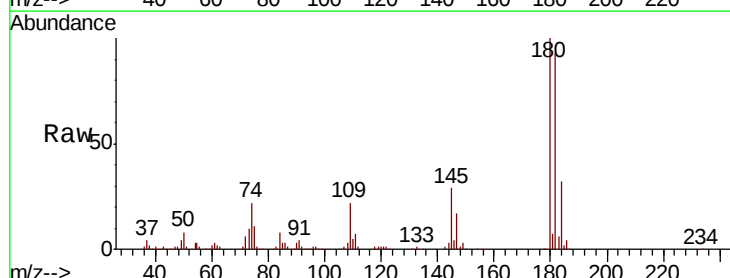
Tgt Ion:180 Resp: 204056

Ion Ratio Lower Upper

180 100

182 93.0 77.7 116.5

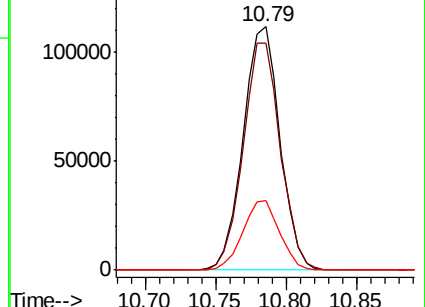
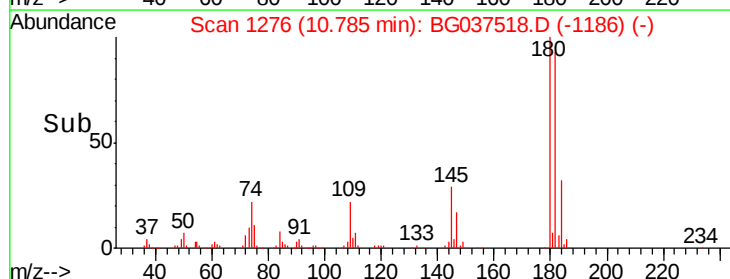
145 28.8 23.3 34.9

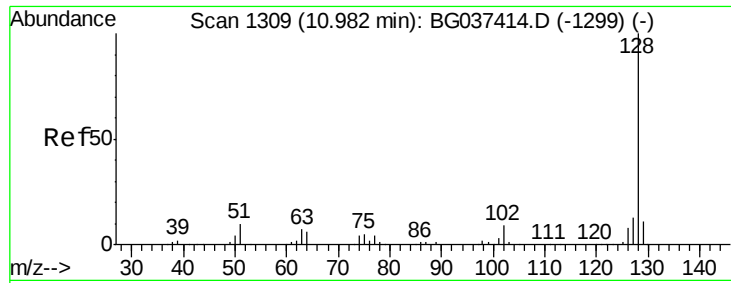


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

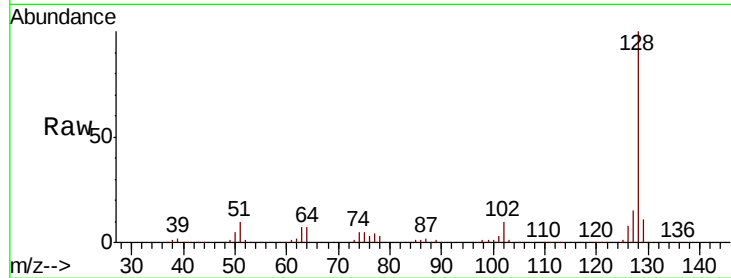




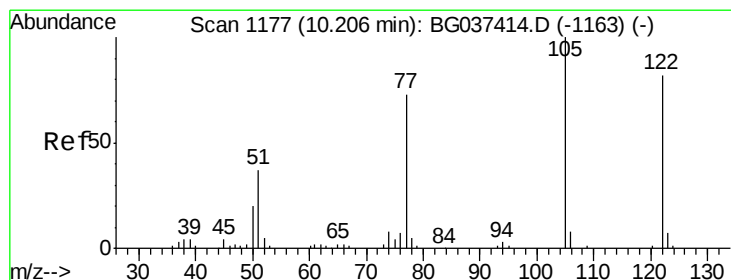
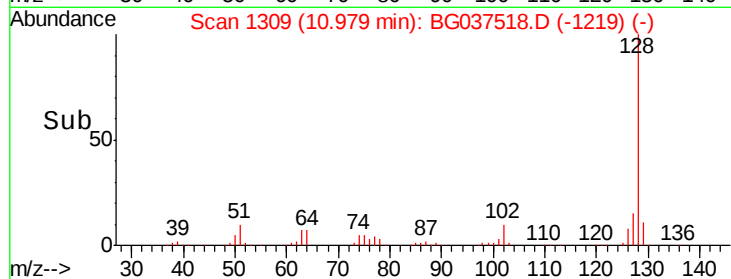
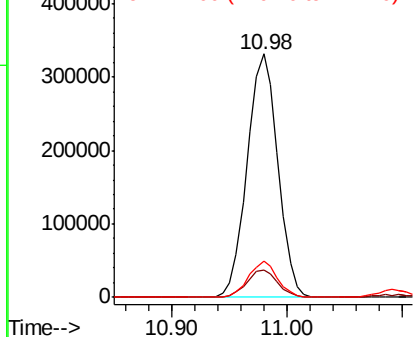
#31
Naphthalene
Concen: 48.740 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 612778
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.8 11.1 16.7

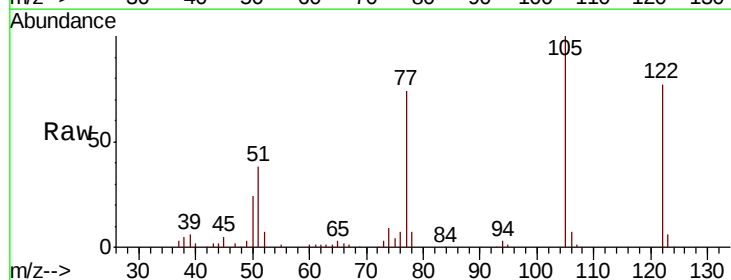


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

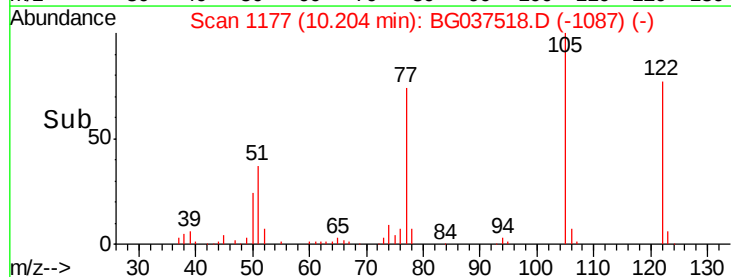
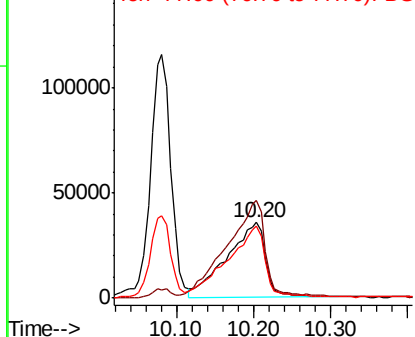


#32
Benzoic acid
Concen: 50.247 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion:122 Resp: 124606
Ion Ratio Lower Upper
122 100
105 129.4 106.7 146.7
77 95.7 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

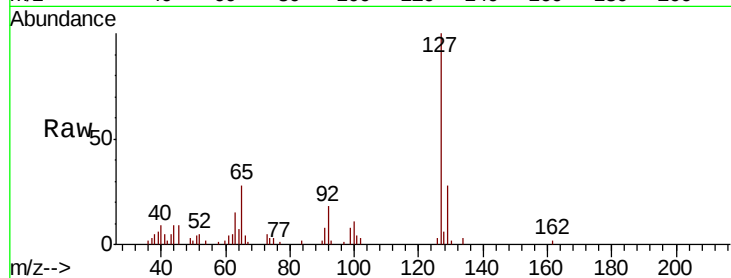




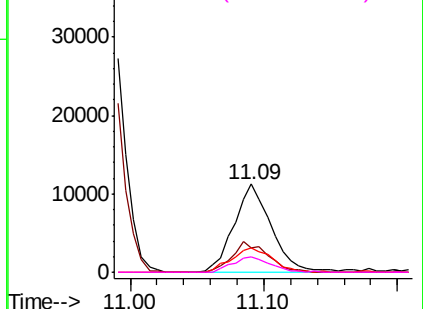
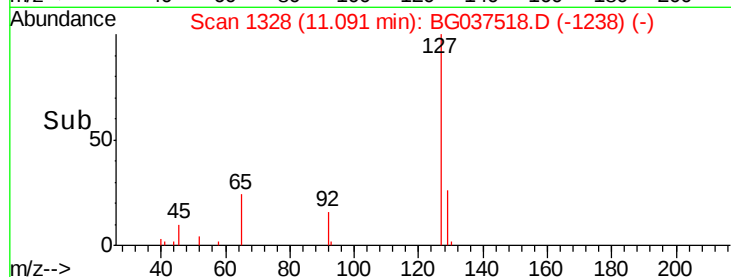
#33
4-Chloroaniline
Concen: 3.685 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	21770
Ion Ratio	Lower	Upper
127	100	
129	28.4	27.1 40.7
65	28.1	26.6 39.8
92	17.9	16.4 24.6

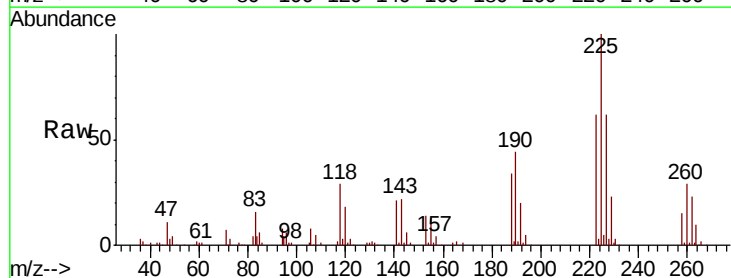


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

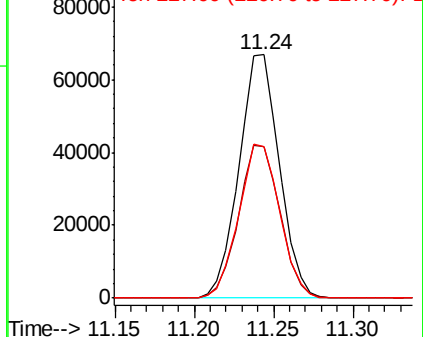
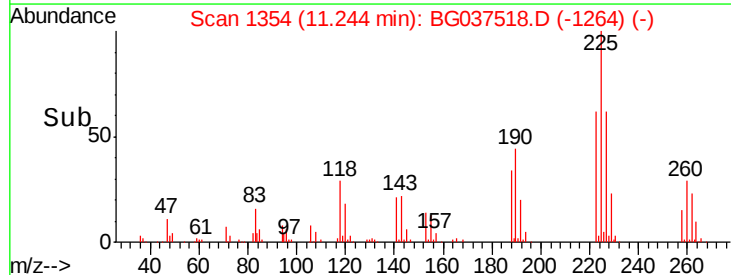


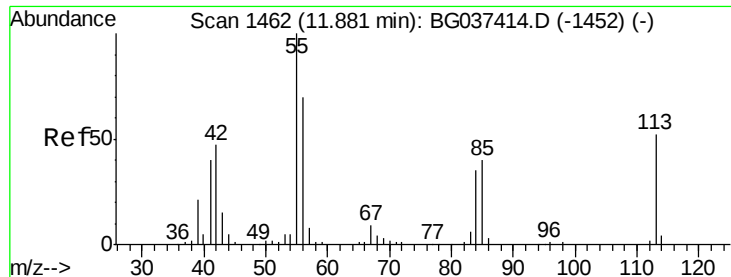
#34
Hexachlorobutadiene
Concen: 43.146 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion:225	Resp:	118215
Ion Ratio	Lower	Upper
225	100	
223	61.9	48.2 72.4
227	61.8	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

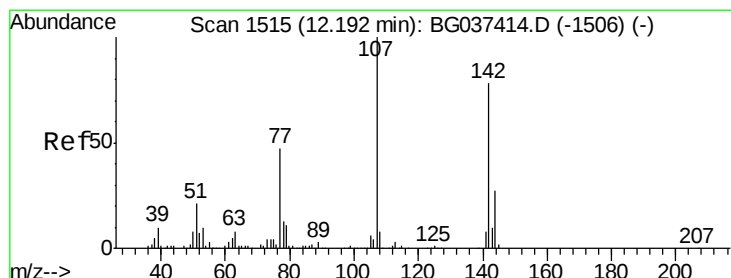
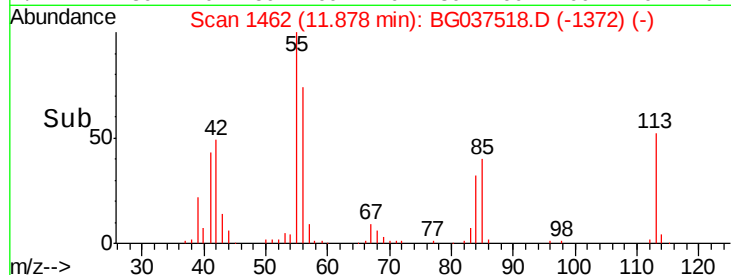
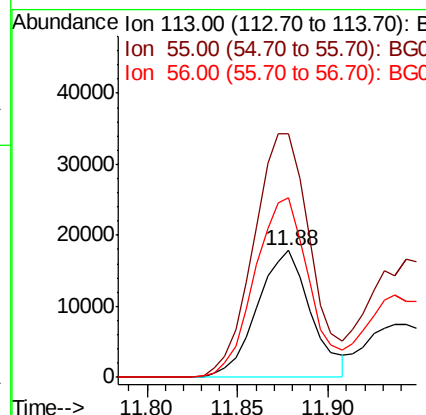
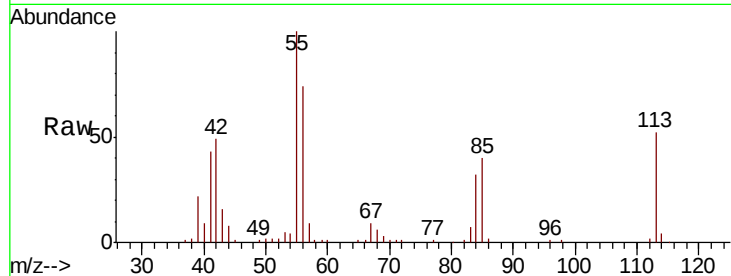




#35
 Caprolactam
 Concen: 21.509 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

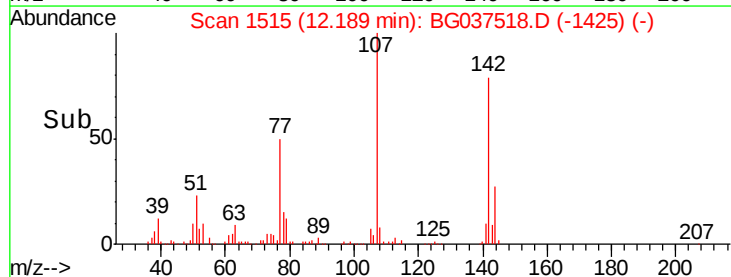
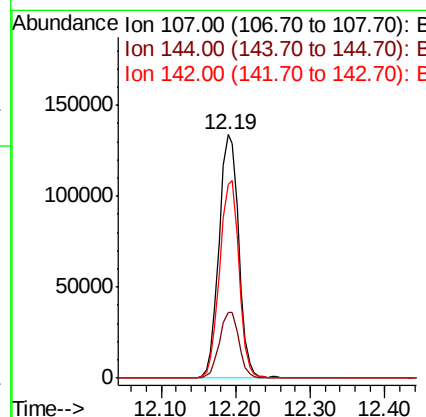
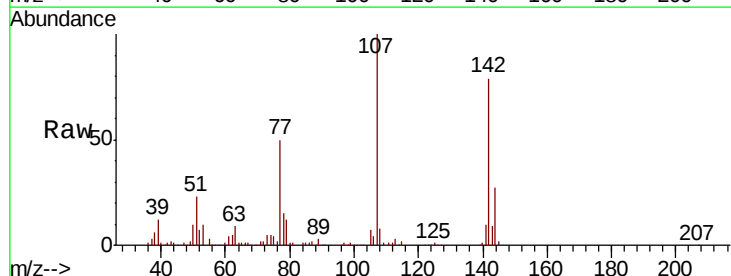
Instrument :
 BNA_G
 ClientSampled :

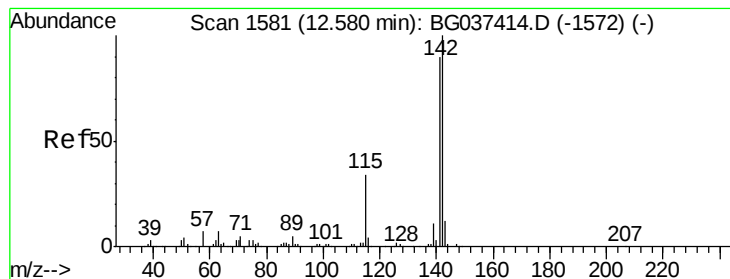
Tot Ion:113 Resp: 36672
 Ion Ratio Lower Upper
 113 100
 55 192.1 176.6 216.6
 56 141.5 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.016 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion:107 Resp: 244583
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.7 31.1
 142 79.3 64.4 96.6





#37

2-Methylnaphthalene

Concen: 51.109 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

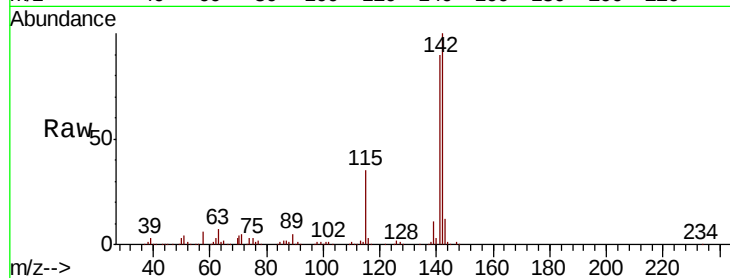
Tot Ion:142 Resp: 468403

Ion Ratio Lower Upper

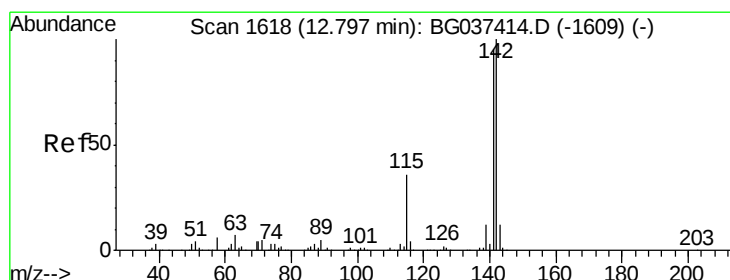
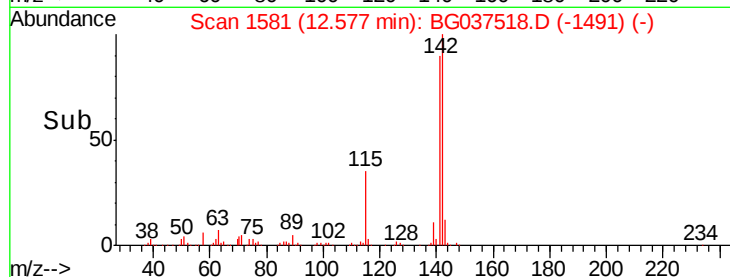
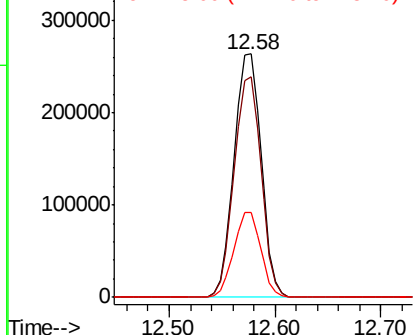
142 100

141 90.5 71.9 107.9

115 34.6 27.8 41.8



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



#38

1-Methylnaphthalene

Concen: 50.210 ng

RT: 12.79 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

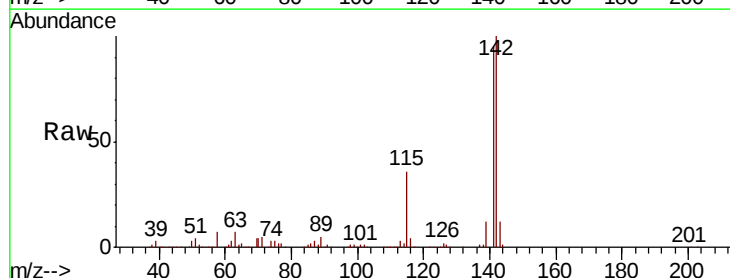
Tgt Ion:142 Resp: 446888

Ion Ratio Lower Upper

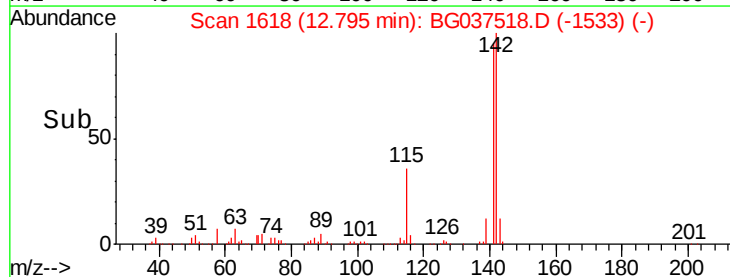
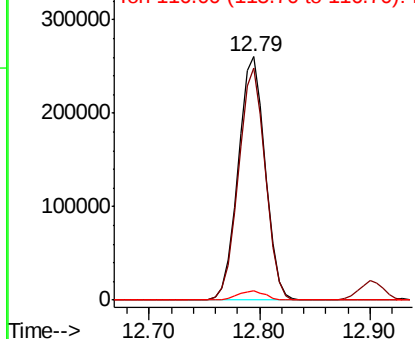
142 100

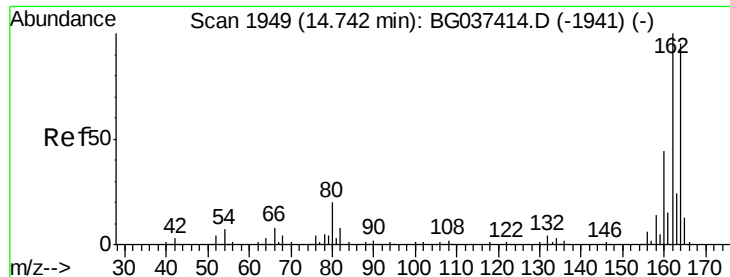
141 95.3 75.2 112.8

116 4.1 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampled :

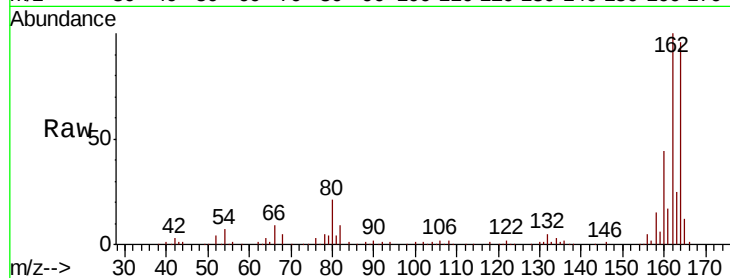
Tot Ion:164 Resp: 167897

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

160 45.6 36.3 54.5

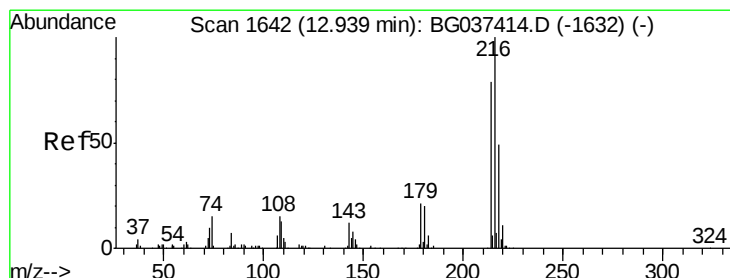
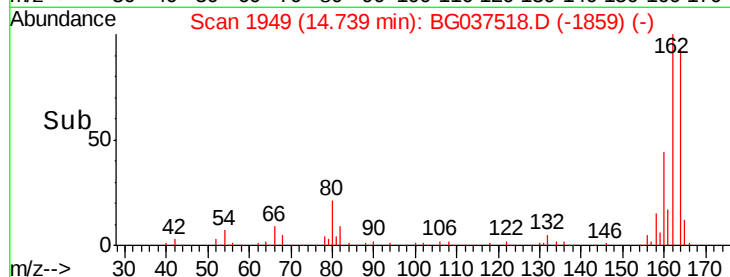
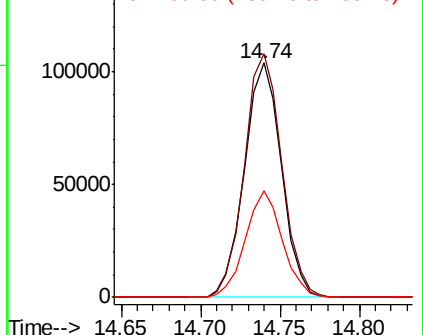


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.217 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:216 Resp: 239462

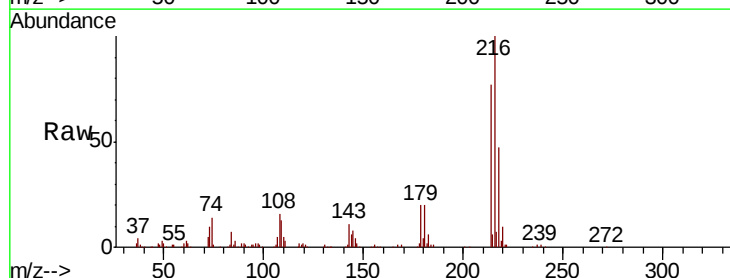
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 20.8 17.4 26.0

108 19.6 13.9 20.9



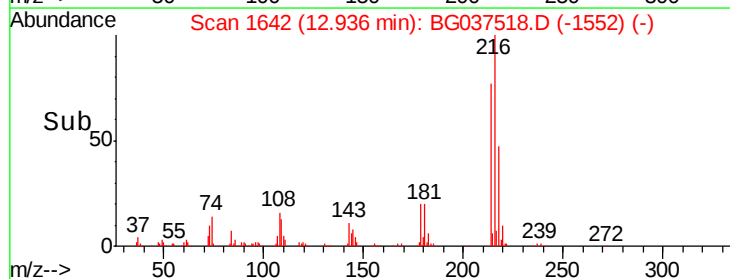
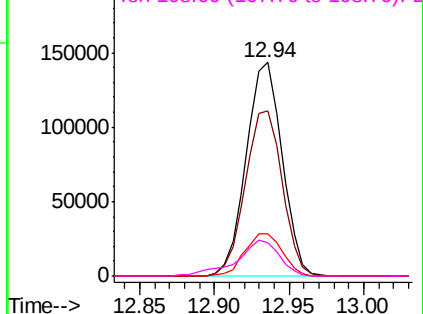
Abundance

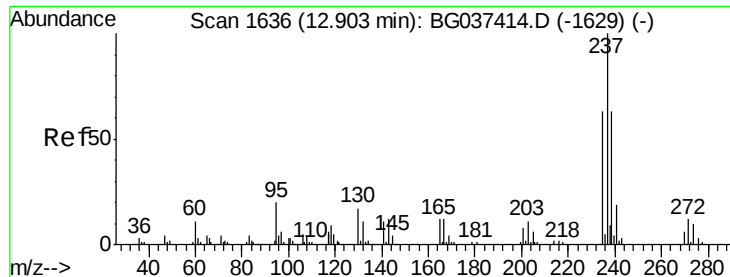
Ion 216.00 (215.70 to 216.70): E

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: 102.995 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

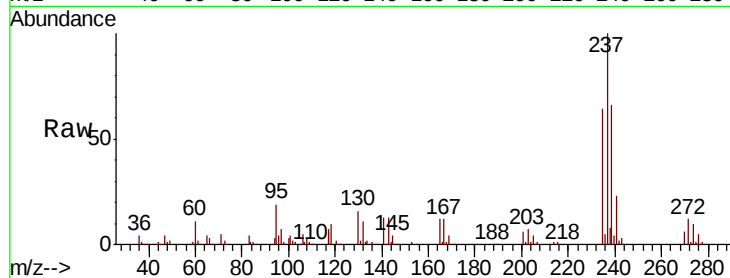
Tot Ion:237 Resp: 266436

Ion Ratio Lower Upper

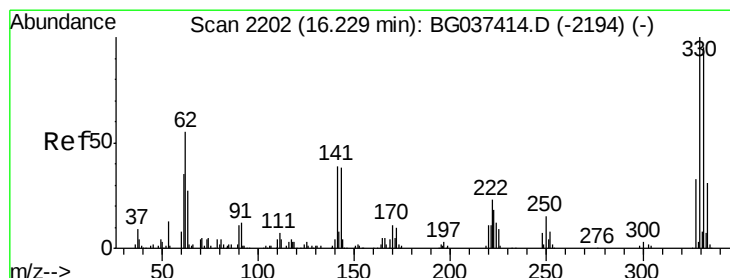
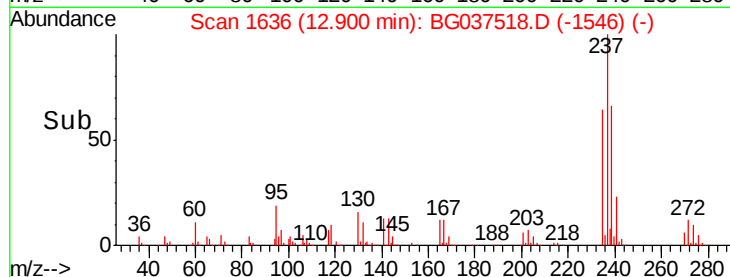
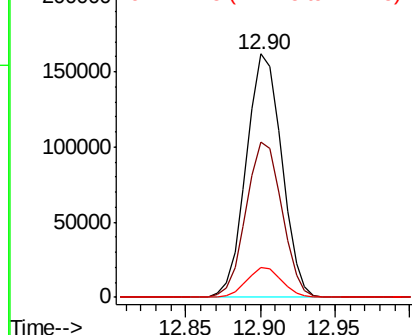
237 100

235 63.9 42.5 82.5

272 12.0 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: 134.402 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

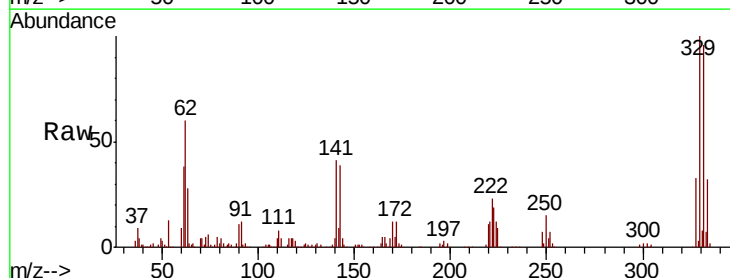
Tgt Ion:330 Resp: 246122

Ion Ratio Lower Upper

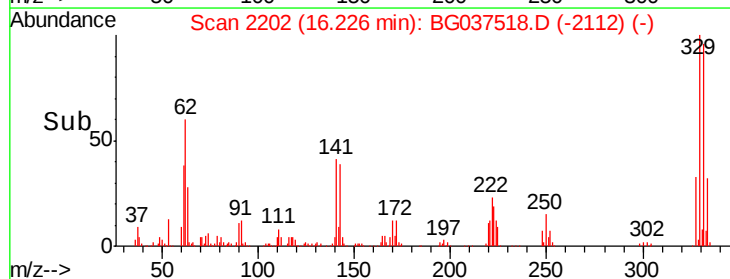
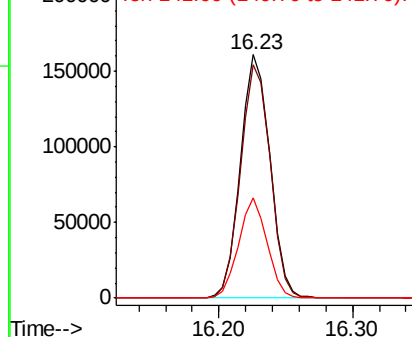
330 100

332 96.8 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

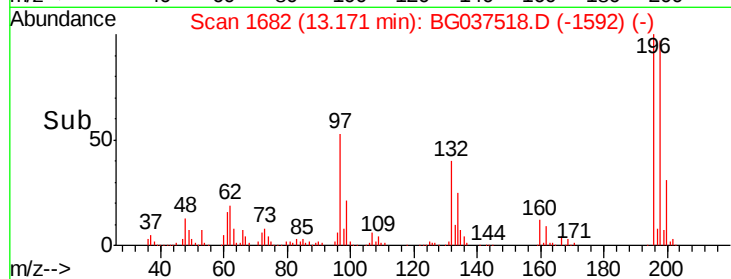
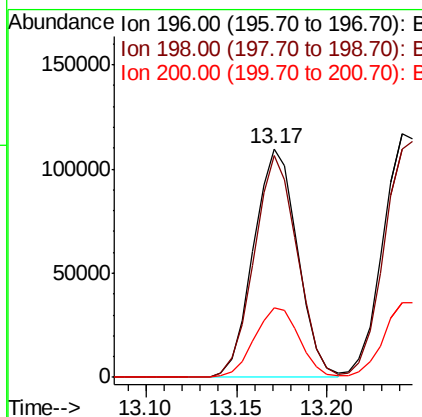
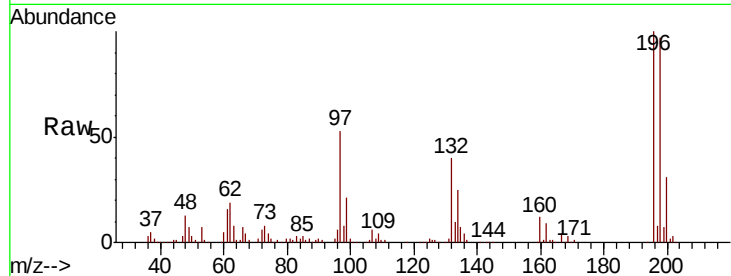




#43
 2,4,6-Trichlorophenol
 Concen: 51.461 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

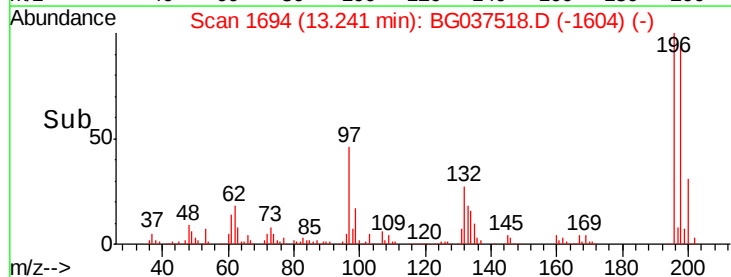
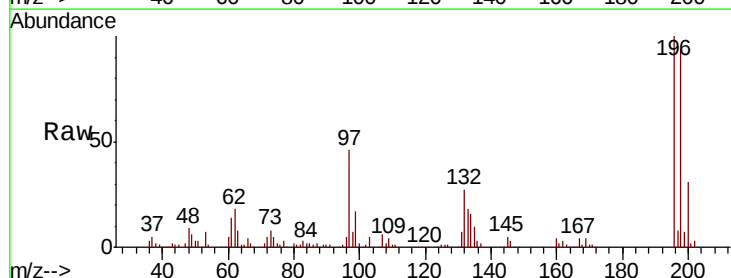
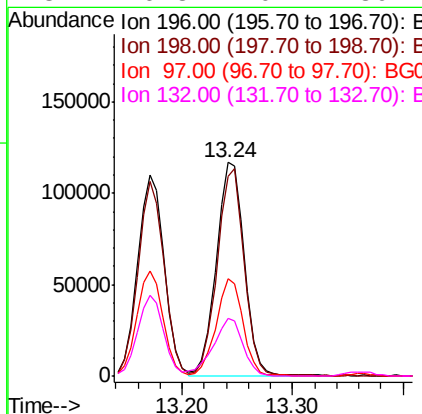
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	186188
Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.4	114.6
200	30.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.909 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	196	Resp	204480
Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.2	111.2
97	45.8	34.1	51.1
132	26.8	20.2	30.4

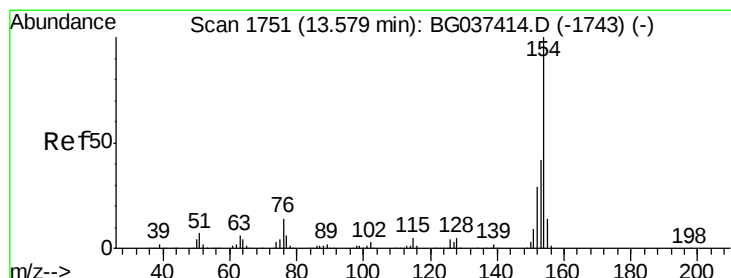
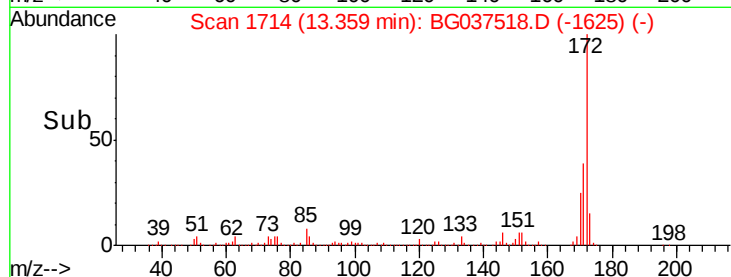
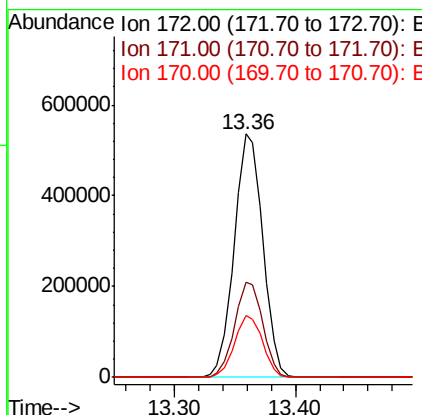
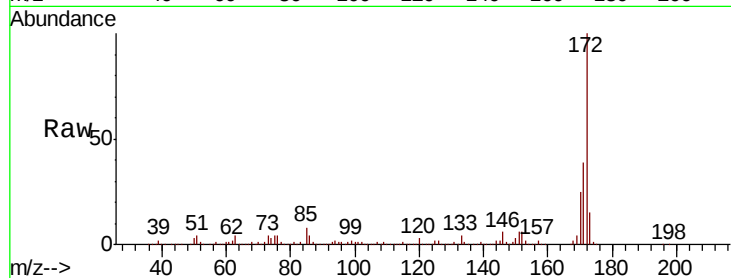




#45
 2-Fluorobiphenyl
 Concen: 79.532 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

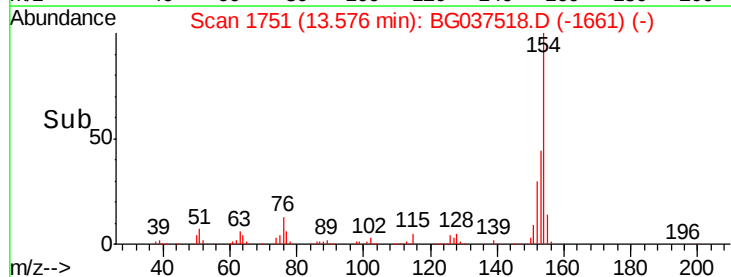
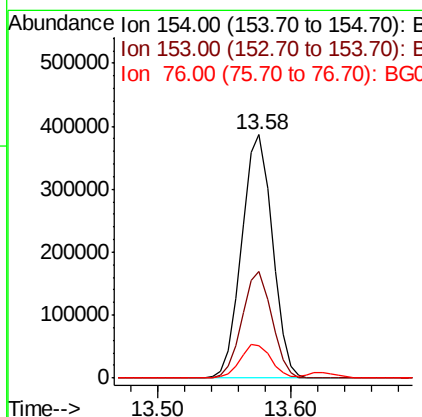
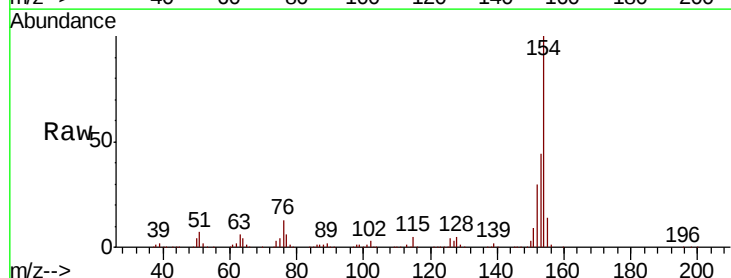
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172	Resp:	885521
Ion Ratio	Lower	Upper
172	100	
171	39.2	31.0 46.4
170	25.5	20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 44.166 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion:154	Resp:	614120
Ion Ratio	Lower	Upper
154	100	
153	43.6	22.1 62.1
76	13.3	0.0 33.2

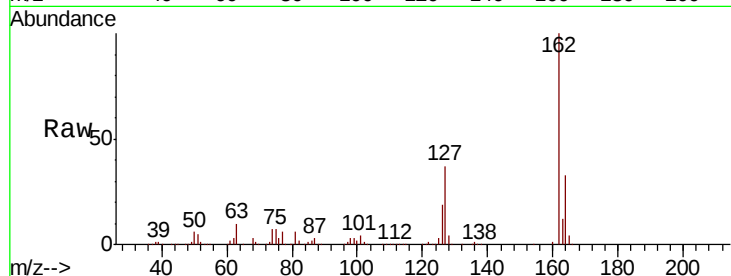




#47
2-Chloronaphthalene
Concen: 46.550 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	33.1	26.4	39.6

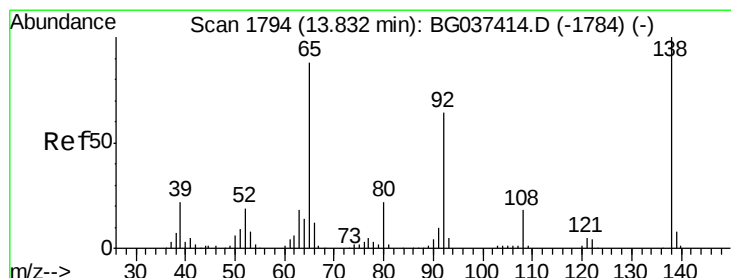
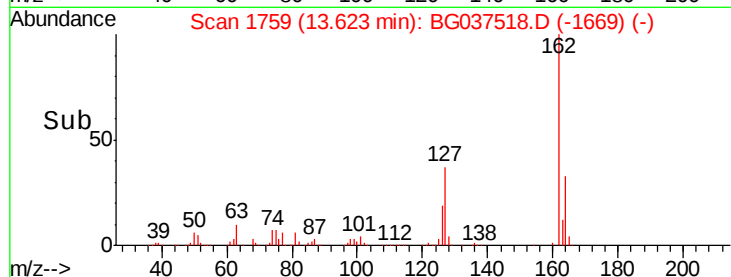
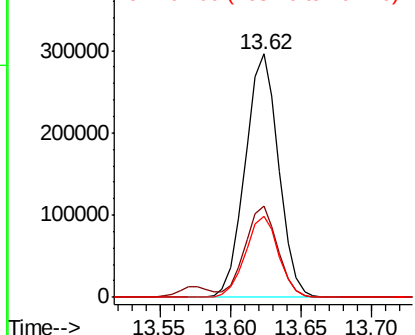


Abundance

Ion 162.00 (161.70 to 162.70): E

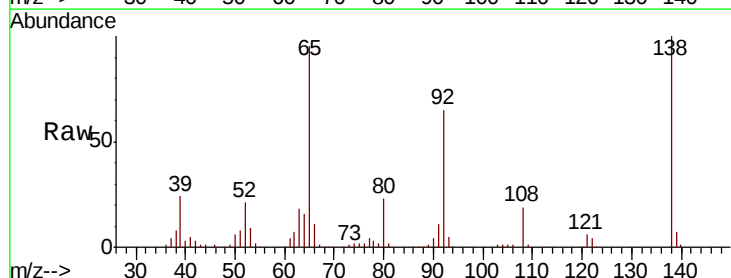
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 52.853 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.2	79.8
138	105.5	79.3	118.9

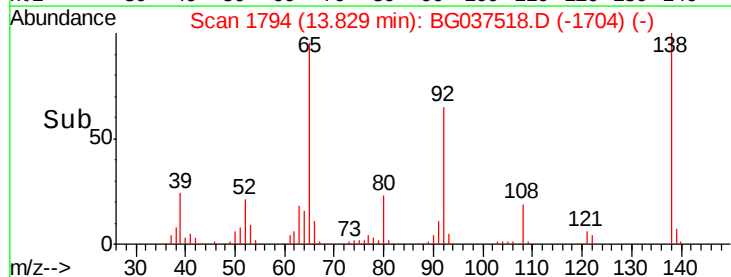
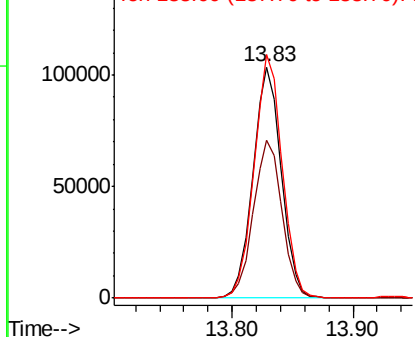


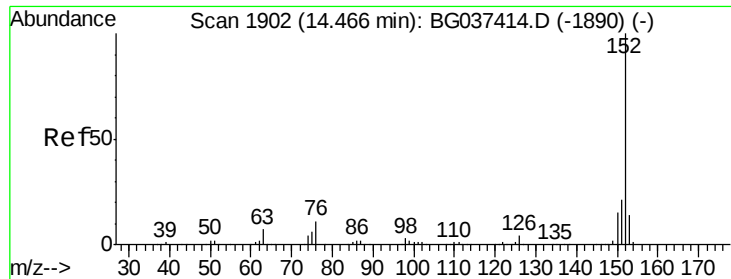
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.635 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

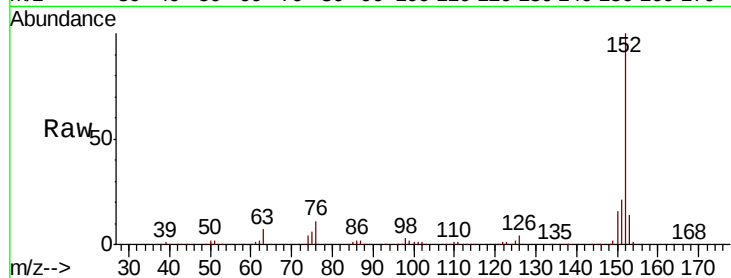
Tot Ion:152 Resp: 817089

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

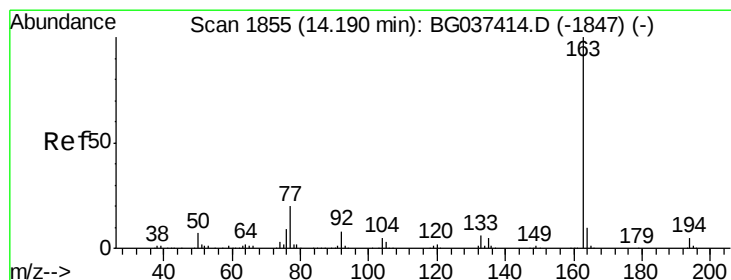
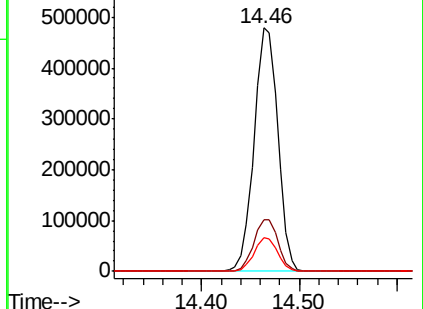
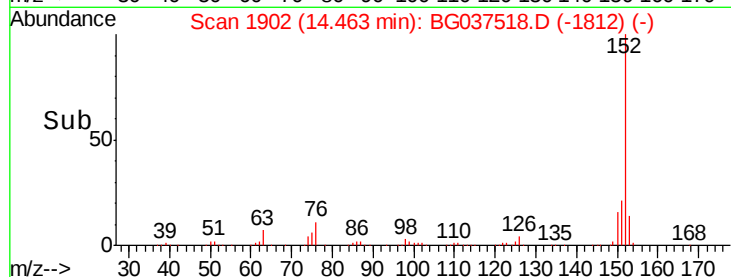
153 13.9 11.1 16.7



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: 51.021 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

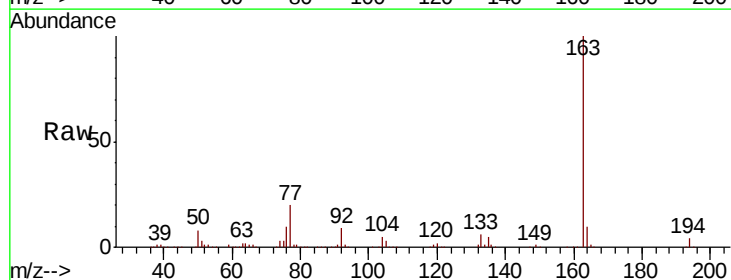
Tgt Ion:163 Resp: 662704

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

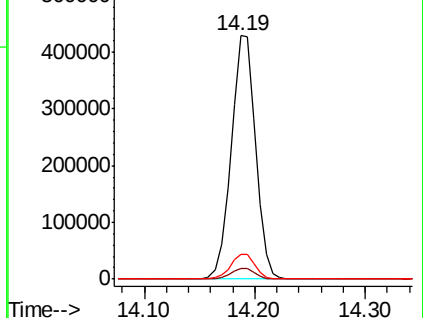
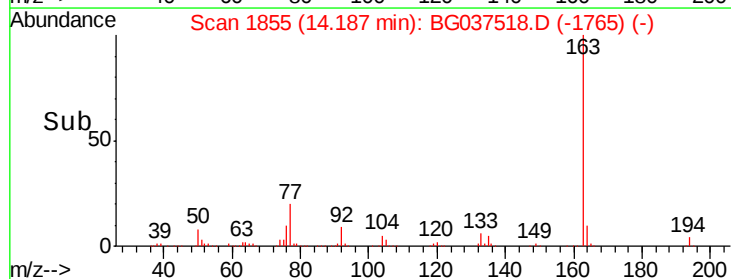
164 10.4 8.5 12.7

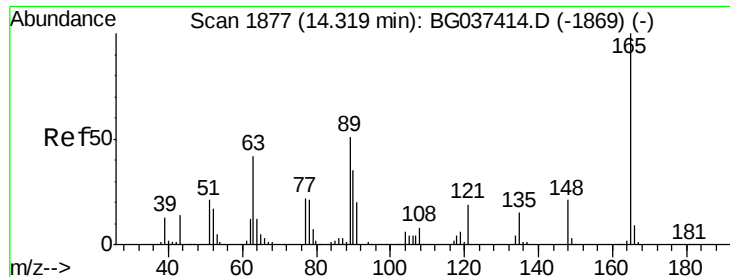


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.508 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

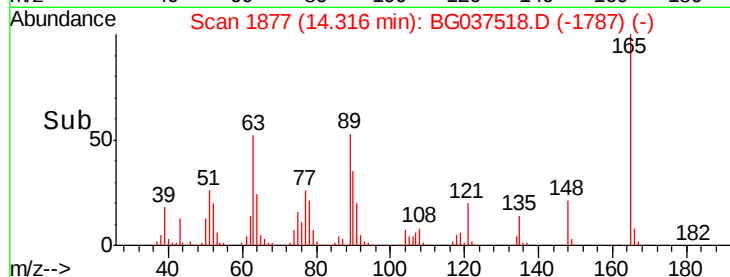
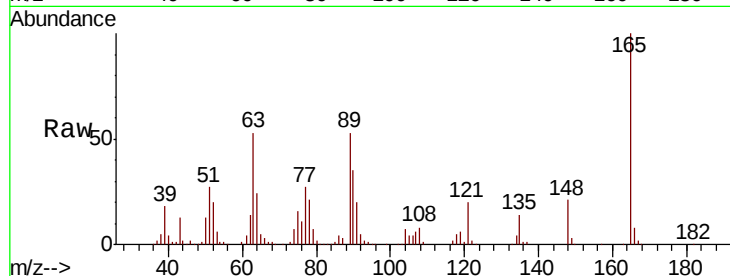
Tot Ion:165 Resp: 148002

Ion Ratio Lower Upper

165 100

63 52.7 43.4 65.2

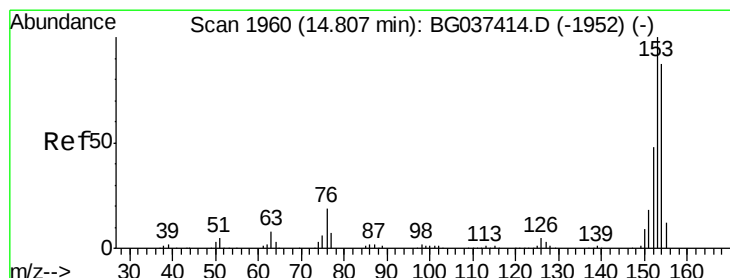
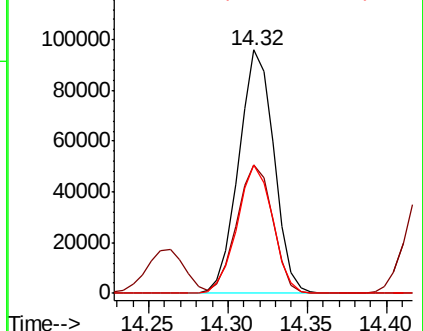
89 52.9 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 49.590 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

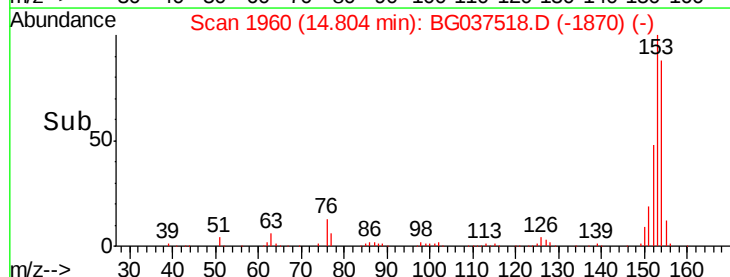
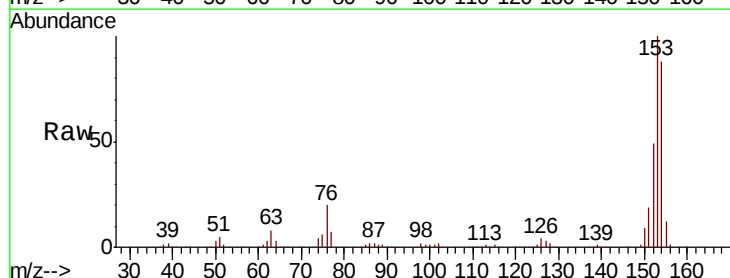
Tgt Ion:154 Resp: 483285

Ion Ratio Lower Upper

154 100

153 113.4 93.4 140.0

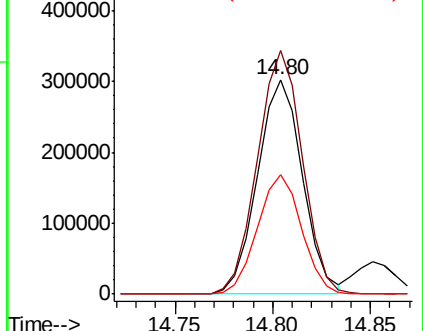
152 55.5 44.7 67.1

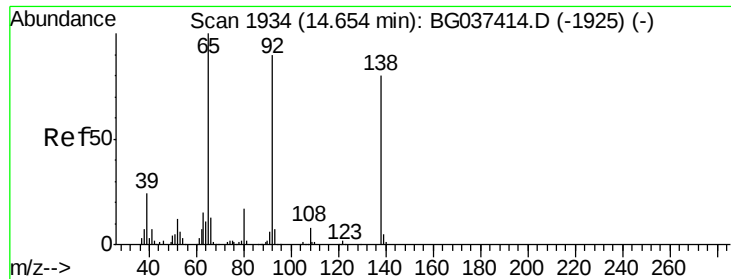


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

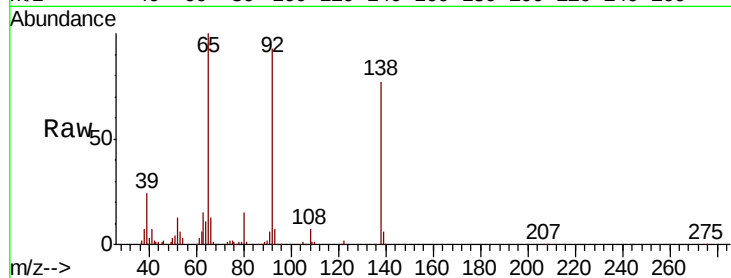




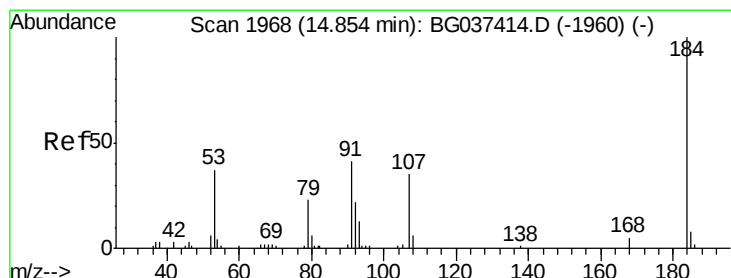
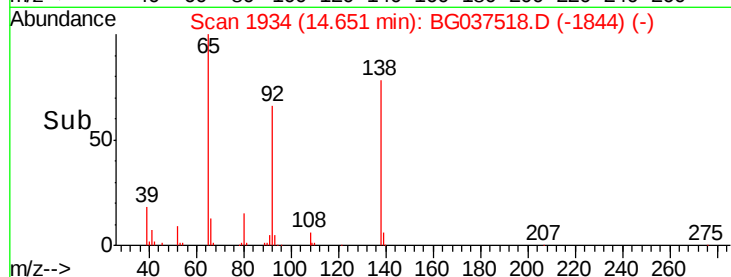
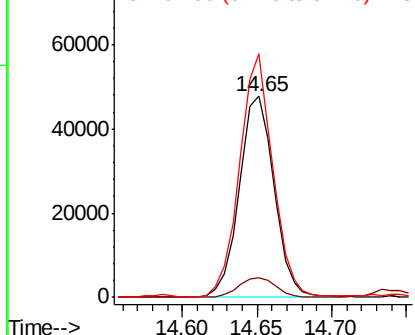
#53
 3-Nitroaniline
 Concen: 24.213 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 77235
 Ion Ratio Lower Upper
 138 100
 108 9.7 11.0 16.6#
 92 121.0 95.2 142.8

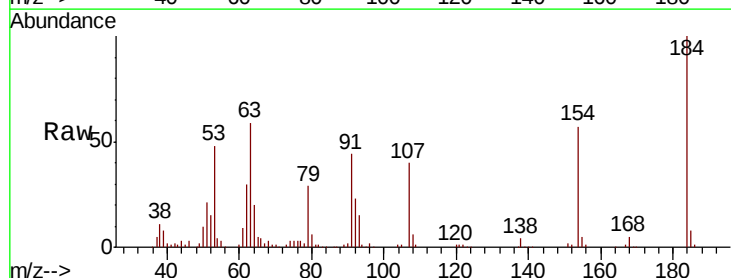


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

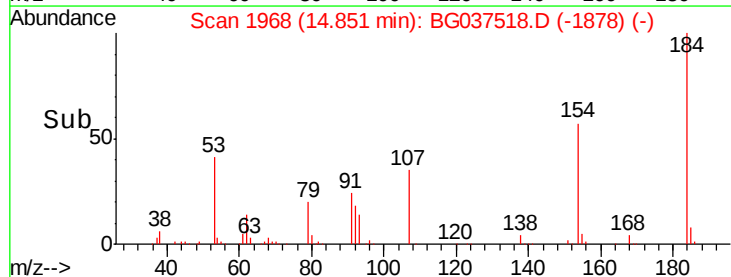
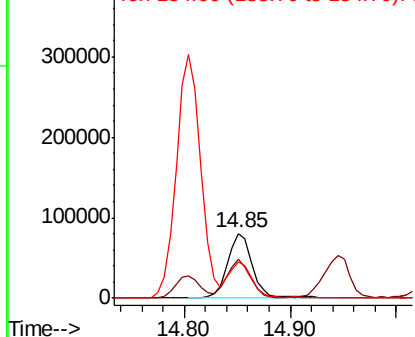


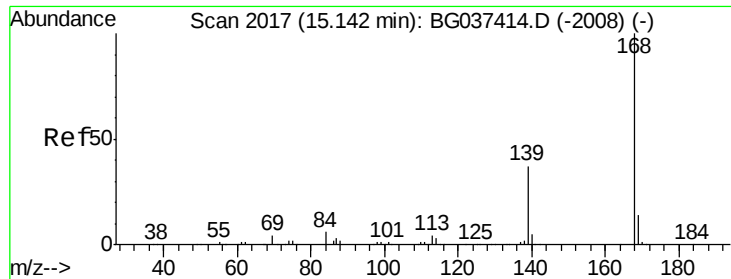
#54
 2,4-Dinitrophenol
 Concen: 92.966 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion:184 Resp: 131166
 Ion Ratio Lower Upper
 184 100
 63 58.9 42.6 63.8
 154 56.9 41.8 62.6



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

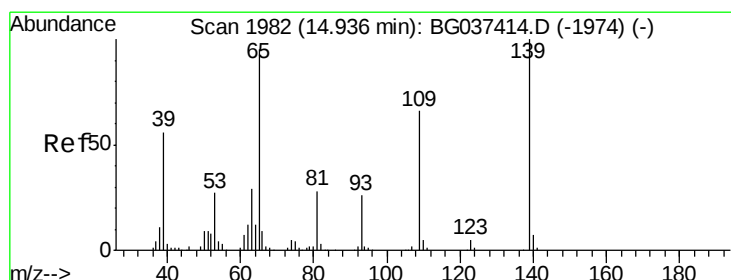
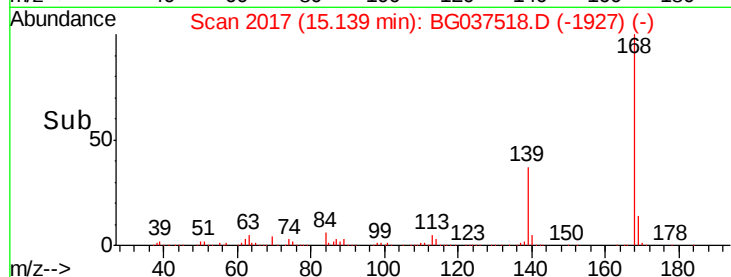
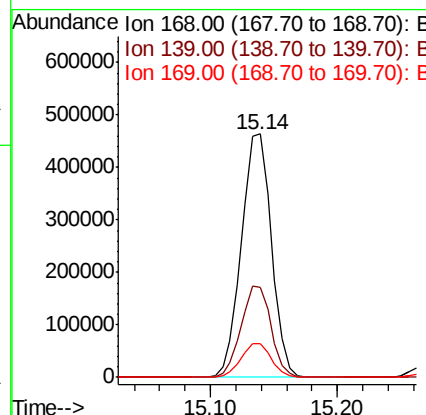
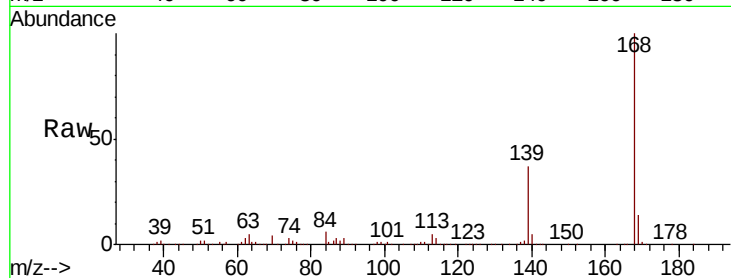




#55
Dibenzenofuran
Concen: 47.141 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

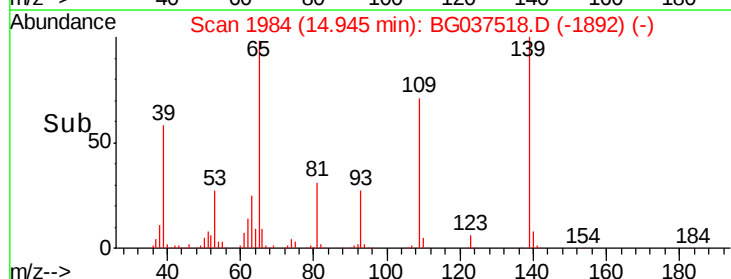
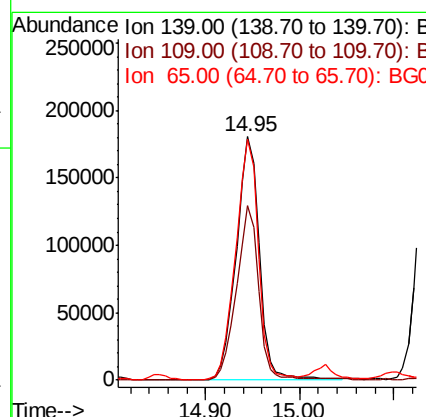
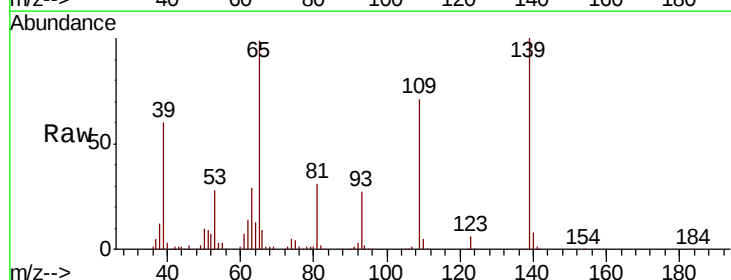
Instrument :
BNA_G
ClientSampleId :

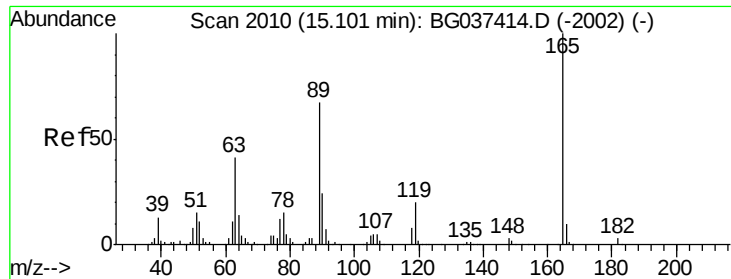
Tot Ion:168 Resp: 761179
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 131.150 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion:139 Resp: 309663
Ion Ratio Lower Upper
139 100
109 71.5 49.5 89.5
65 98.8 76.8 116.8

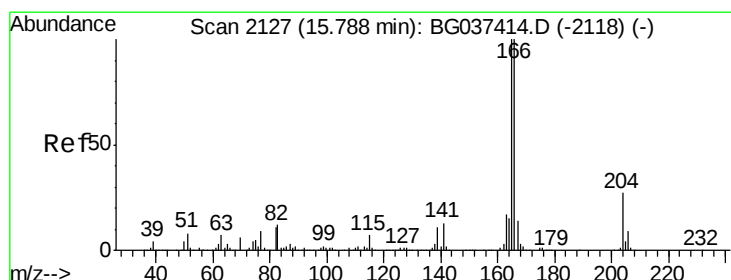
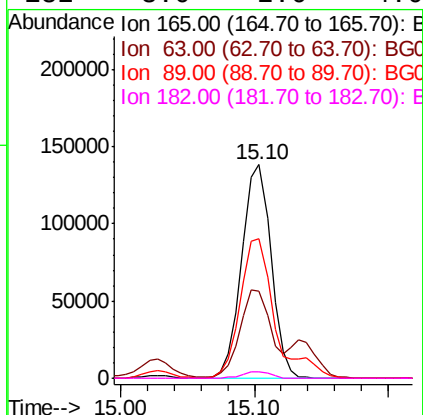
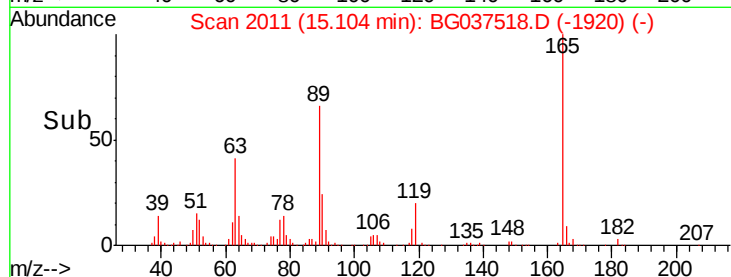
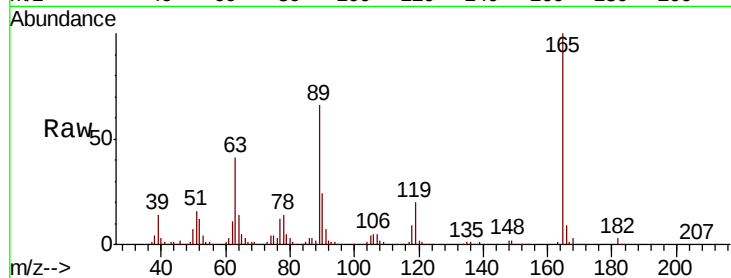




#57
2,4-Dinitrotoluene
Concen: 55.832 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

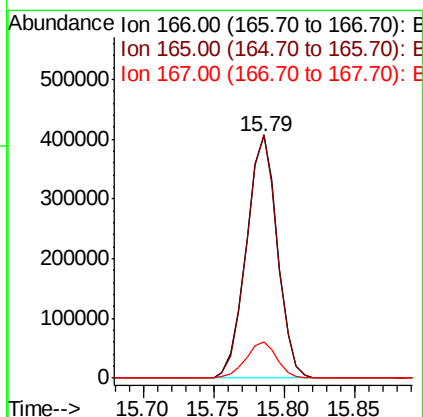
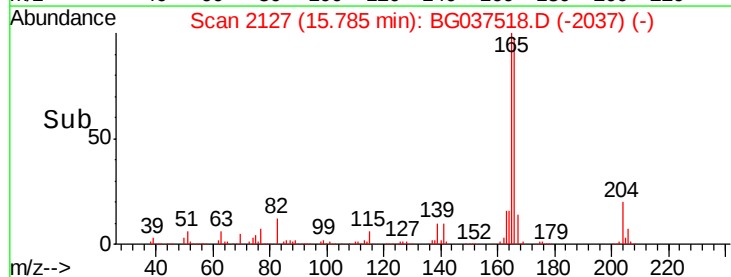
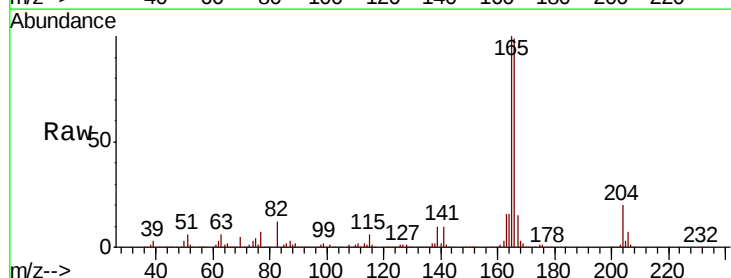
Instrument :
BNA_G
ClientSampleId :

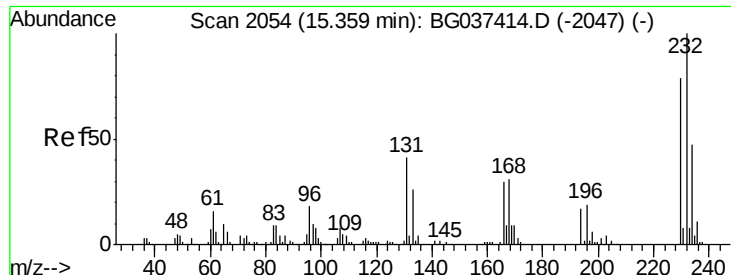
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	33.4	50.0
89	65.6	57.2	85.8
182	3.0	2.6	4.0



#58
Fluorene
Concen: 51.943 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.0	118.6
167	14.9	11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.039 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 178888

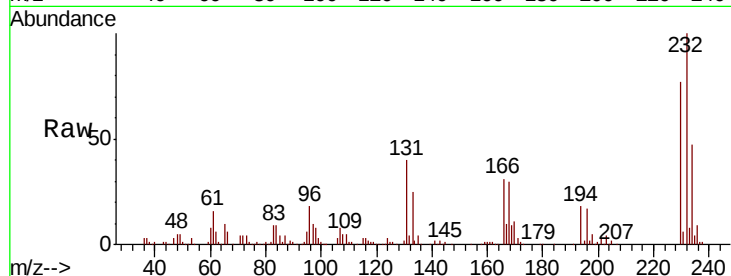
Ion Ratio Lower Upper

232 100

131 43.1 33.7 50.5

130 2.5 2.1 3.1

166 31.8 24.6 36.8

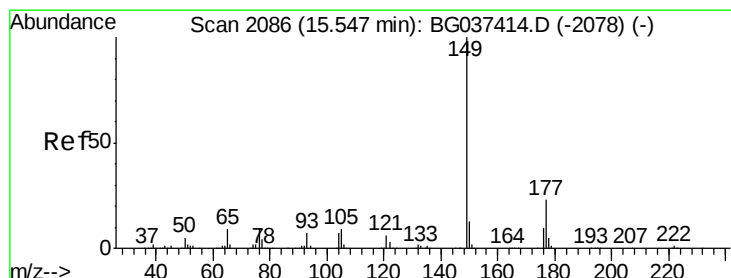
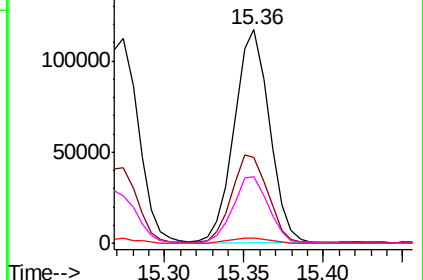
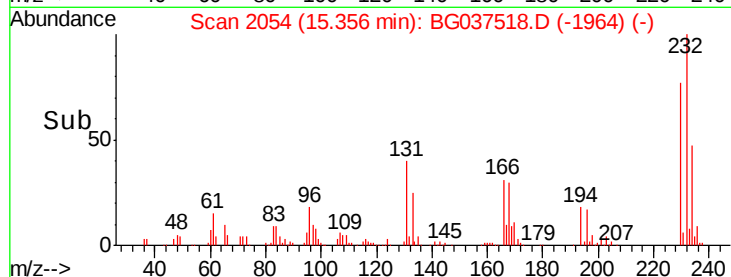


Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.916 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

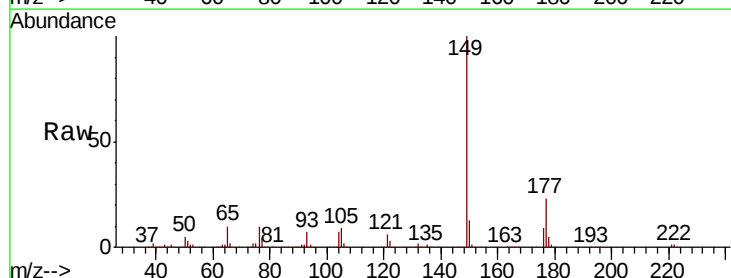
Tgt Ion:149 Resp: 678971

Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

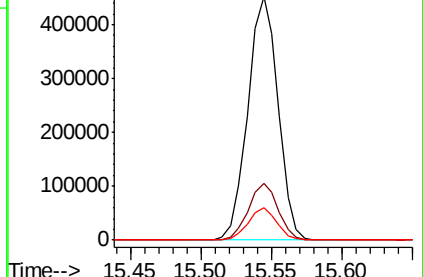
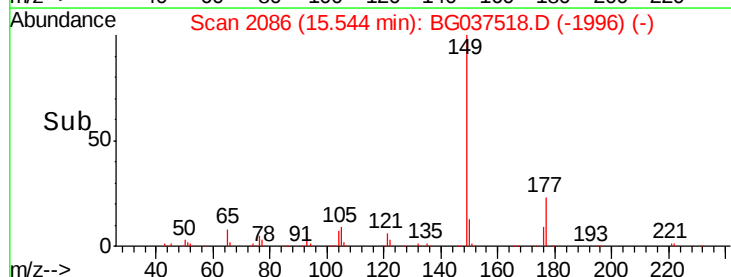
150 13.3 10.0 15.0

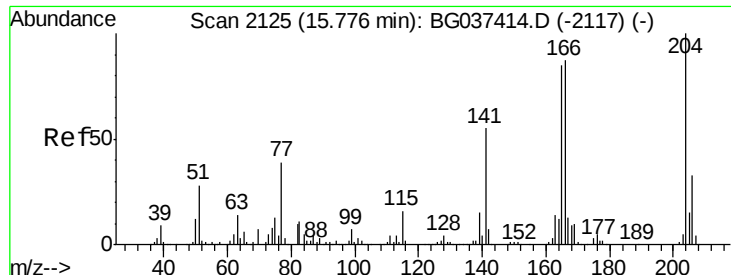


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

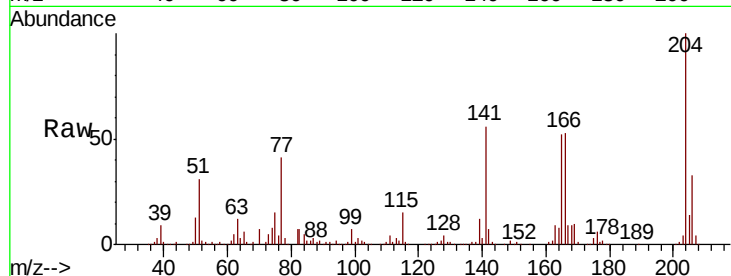




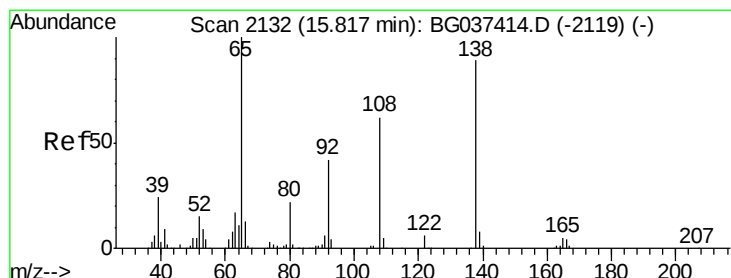
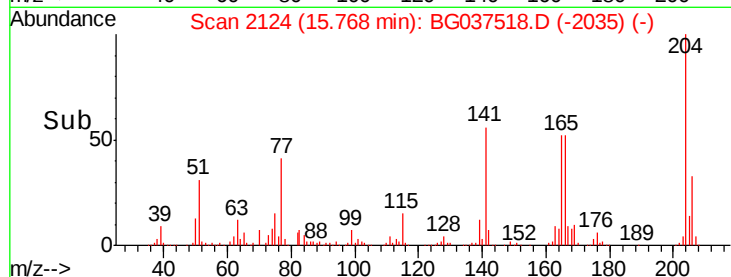
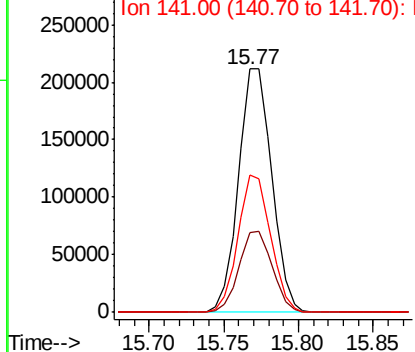
#61
 4-Chlorophenyl-phenylether
 Concen: 46.509 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 327784
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.6 39.8
 141 56.5 45.4 68.2

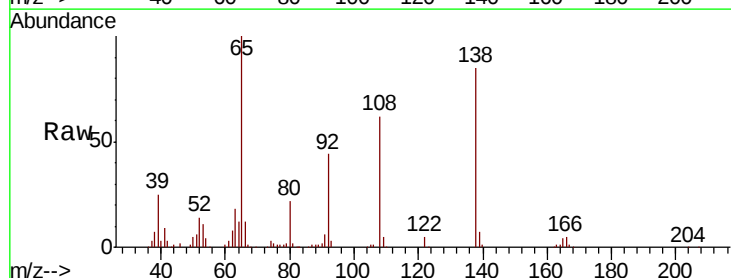


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

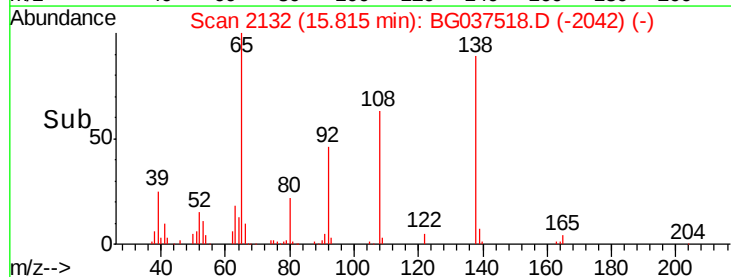
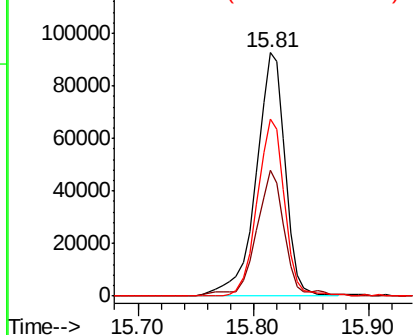


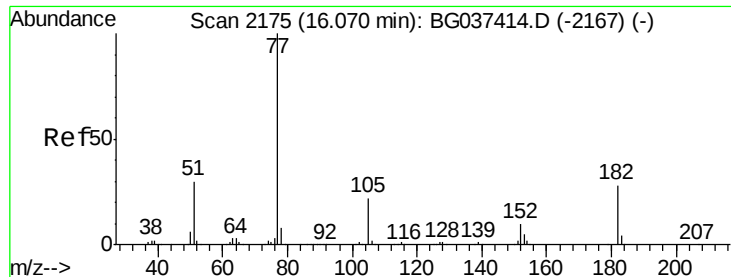
#62
 4-Nitroaniline
 Concen: 51.282 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion:138 Resp: 162547
 Ion Ratio Lower Upper
 138 100
 92 51.6 36.4 76.4
 108 72.9 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: 50.001 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

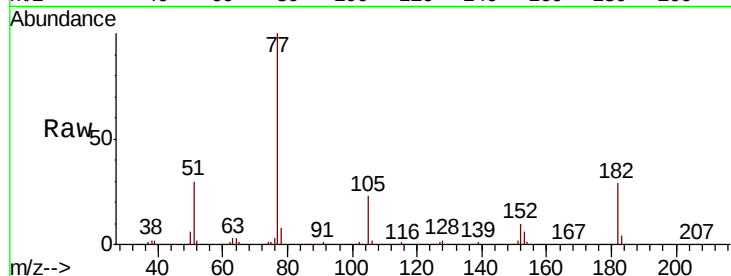
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 636173

Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.0	48.0
105	22.5	1.3	41.3
51	30.0	10.7	50.7

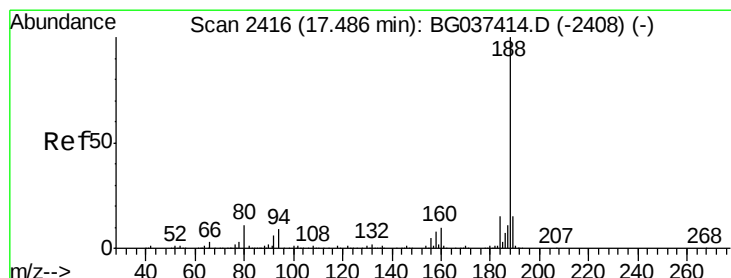
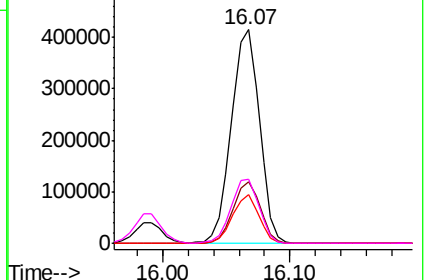
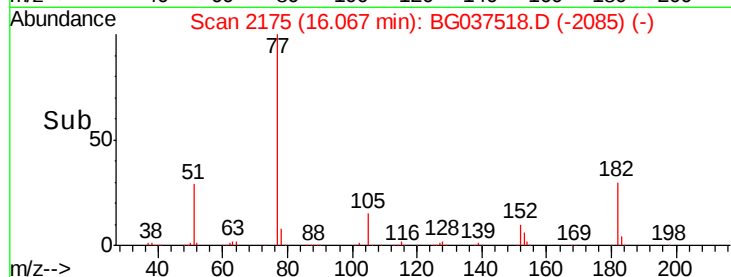


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

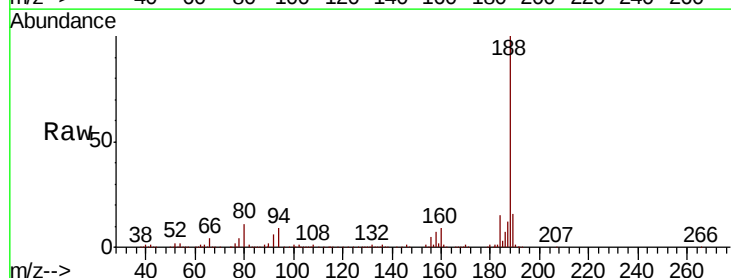
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion: 188 Resp: 405362

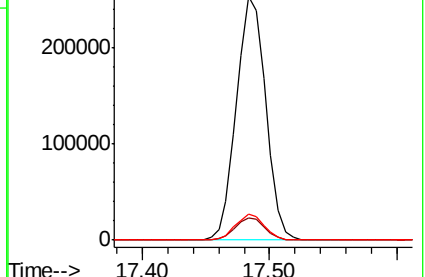
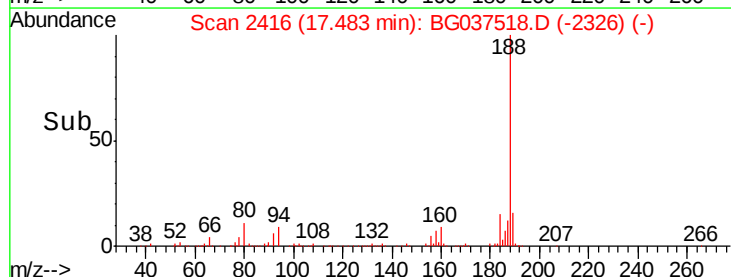
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.6	7.7	11.5

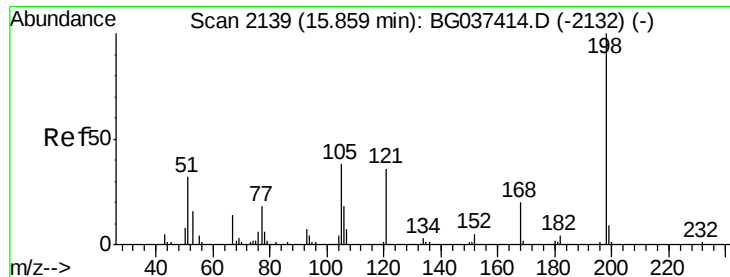


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.671 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

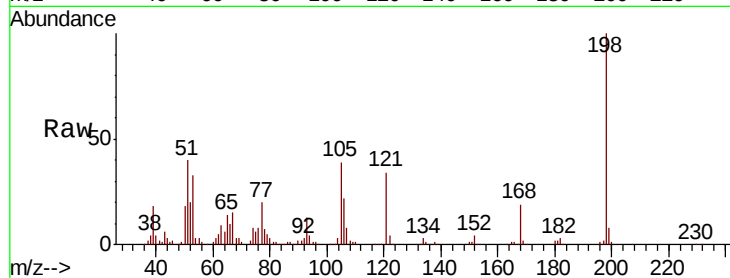
Tot Ion:198 Resp: 106424

Ion Ratio Lower Upper

198 100

51 39.7 22.7 62.7

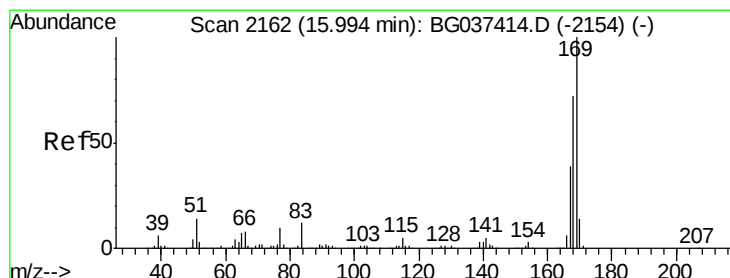
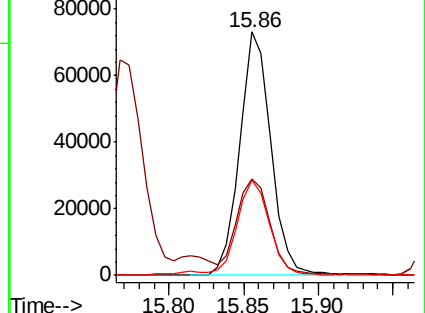
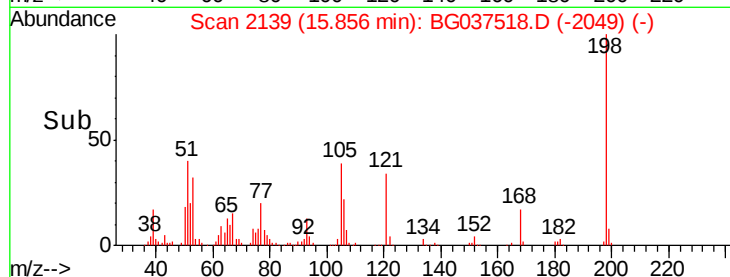
105 39.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.834 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

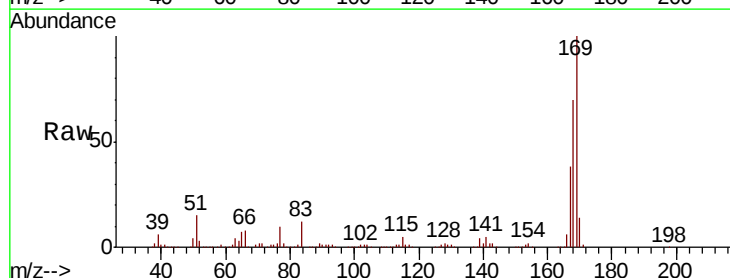
Tgt Ion:169 Resp: 583259

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

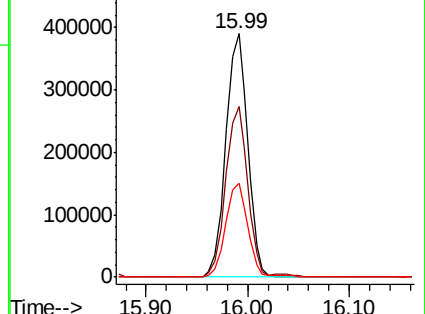
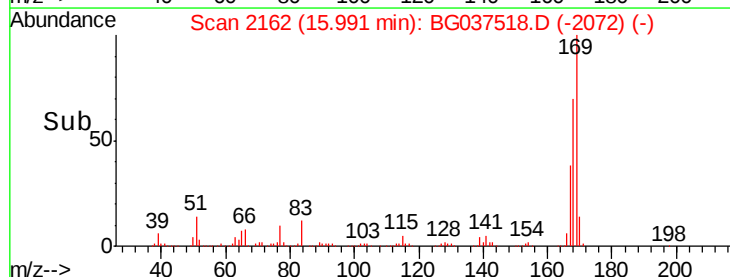
167 38.4 31.3 46.9

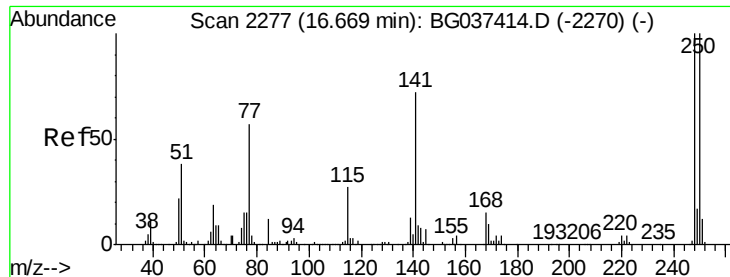


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

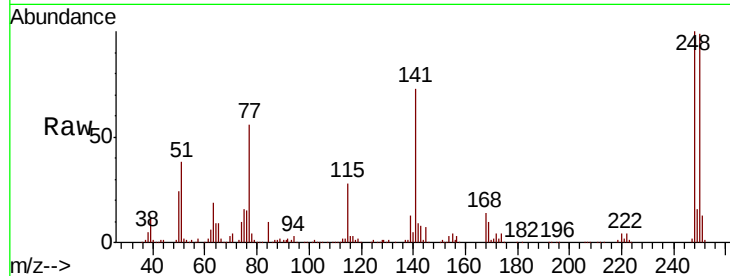




#67
 4-Bromophenyl-phenylether
 Concen: 46.447 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	77.0	115.6
141	73.4	55.5	83.3

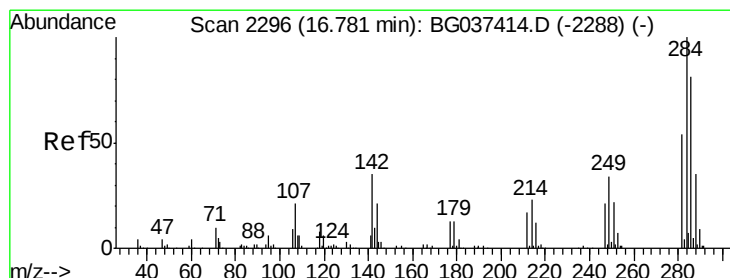
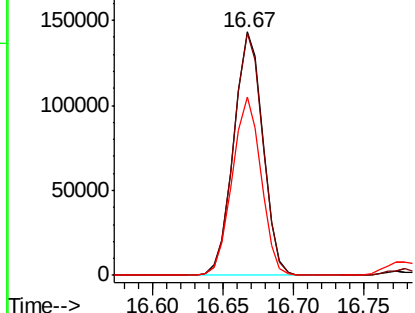
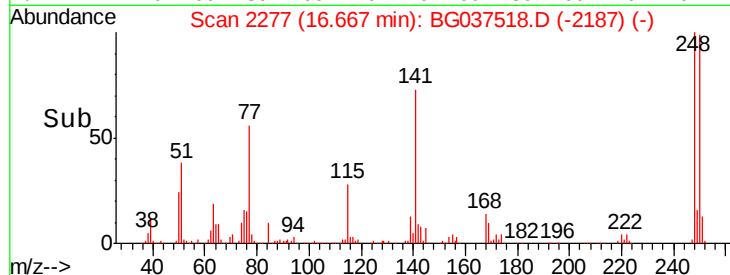


Abundance

Ion 248.00 (247.70 to 248.70): E

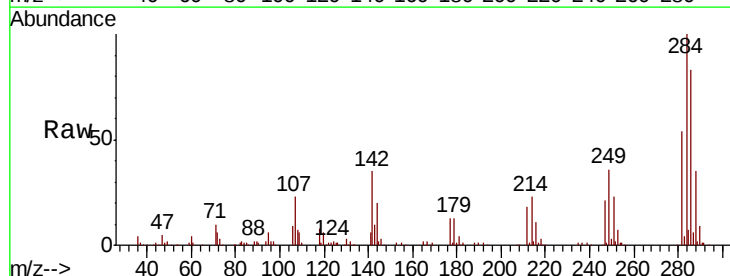
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.674 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.1	42.1
249	39.0	29.8	44.8

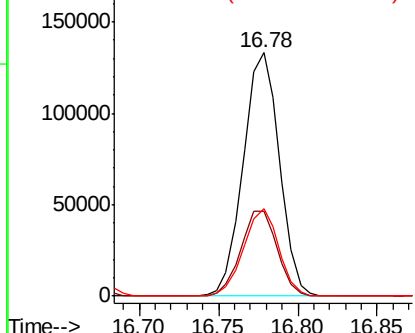
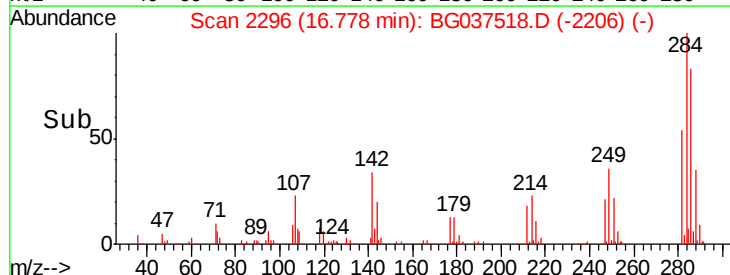


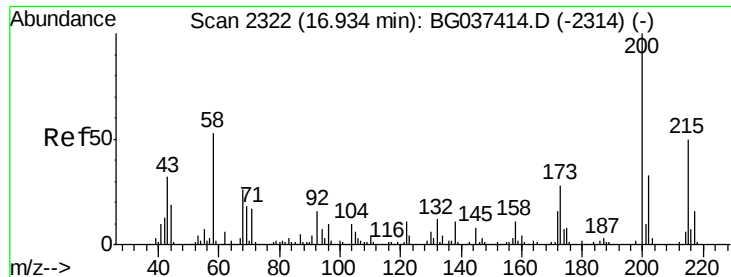
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

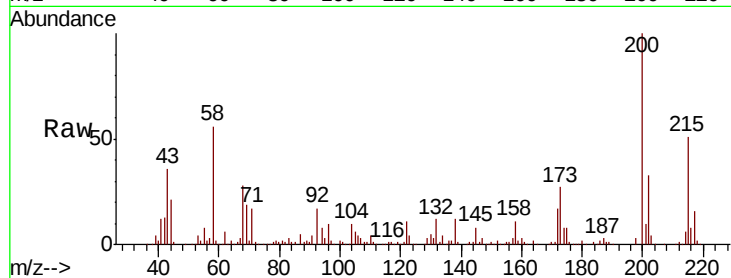




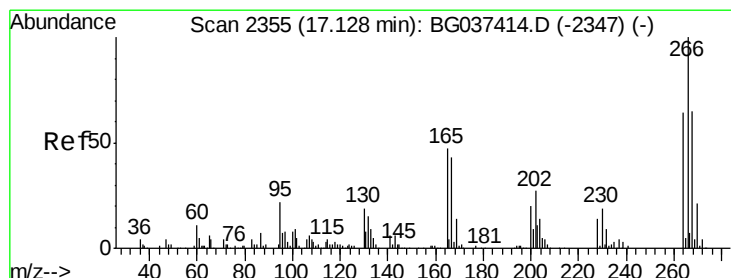
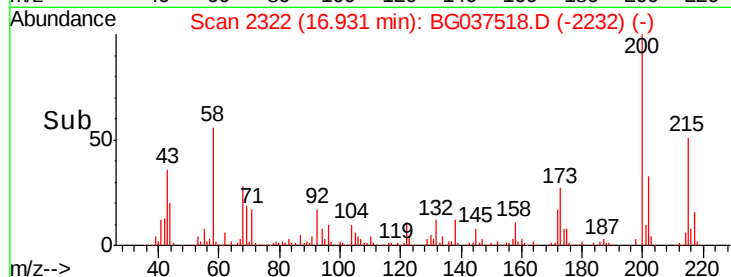
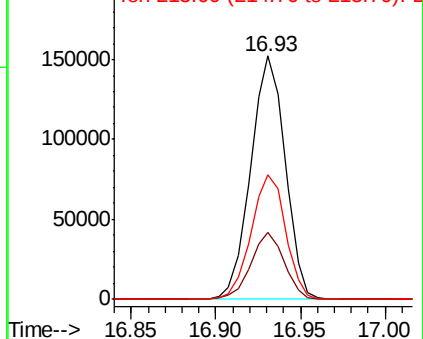
#69
 Atrazine
 Concen: 49.102 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 216468
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.1 46.1
 215 51.1 30.8 70.8

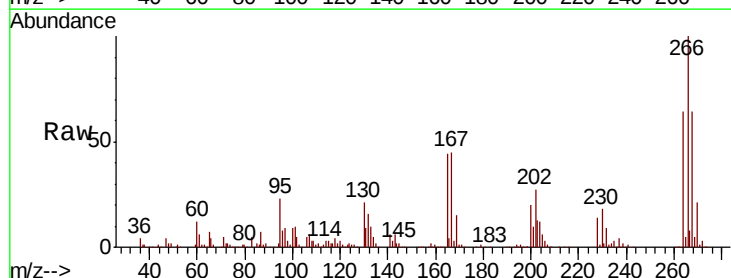


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

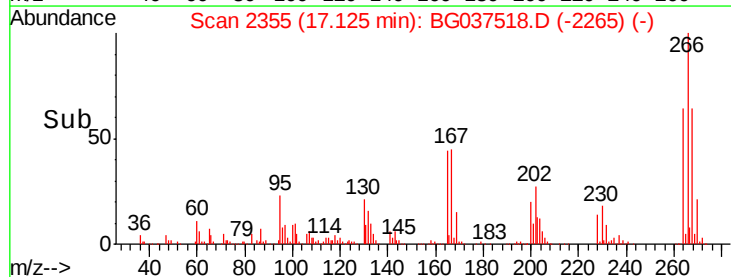
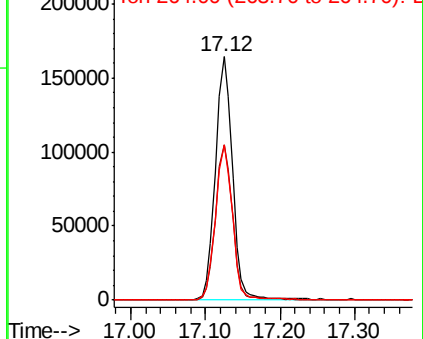


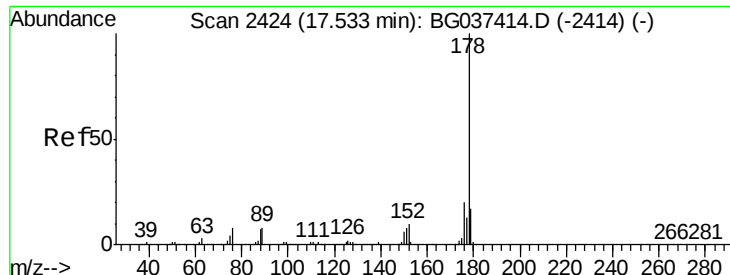
#70
 Pentachlorophenol
 Concen: 85.094 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion:266 Resp: 262971
 Ion Ratio Lower Upper
 266 100
 268 68.5 55.0 82.6
 264 68.9 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

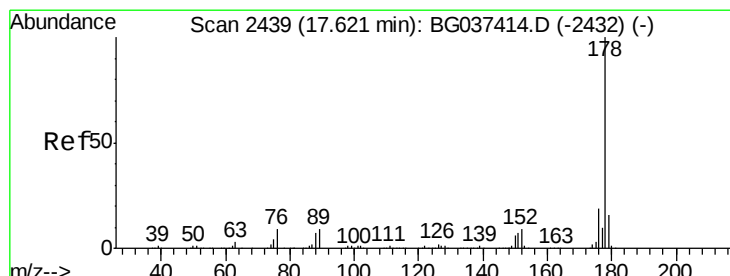
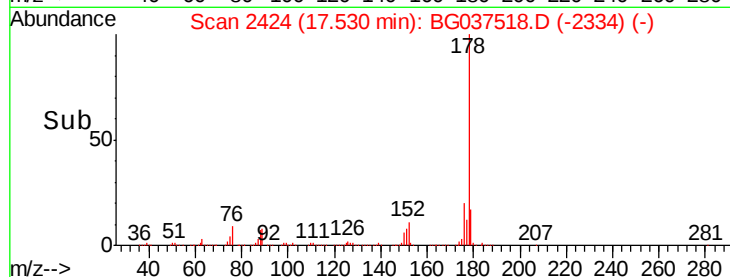
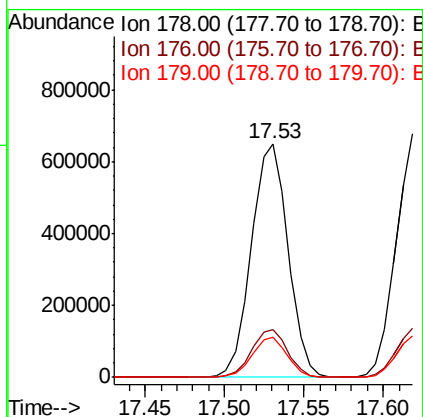
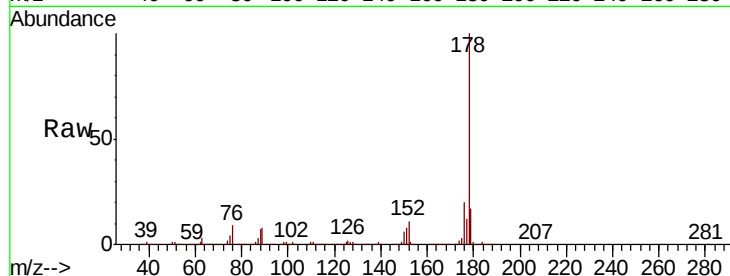




#71
Phenanthrene
Concen: 50.586 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

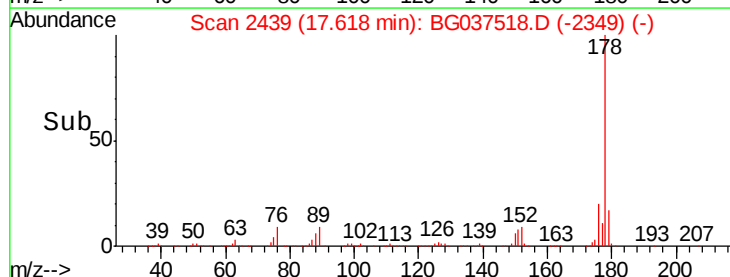
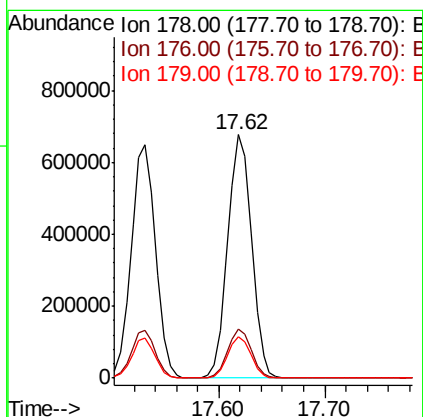
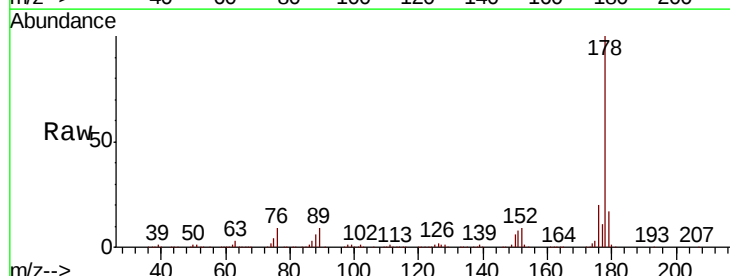
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1042165
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 17.0 13.0 19.4



#72
Anthracene
Concen: 52.299 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion:178 Resp: 1057369
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.4
179 17.1 12.8 19.2





#73

Carbazole

Concen: 47.885 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

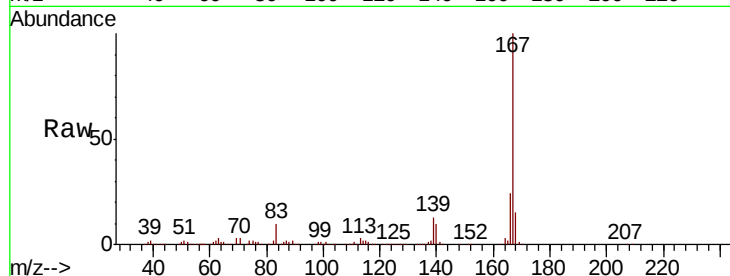
Tot Ion:167 Resp: 968416

Ion Ratio Lower Upper

167 100

166 23.6 18.3 27.5

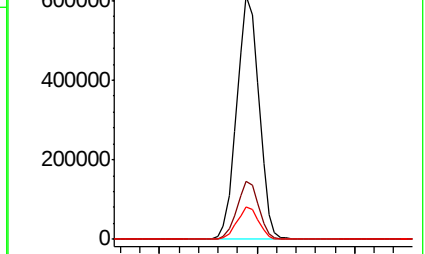
139 13.3 10.5 15.7



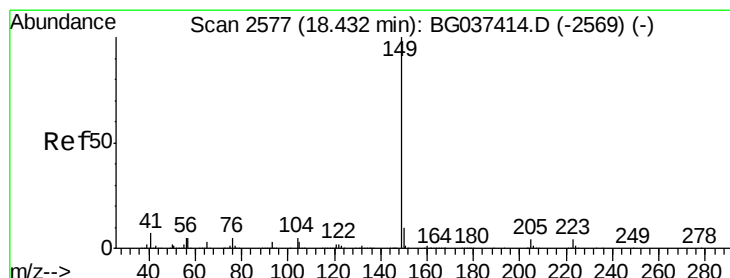
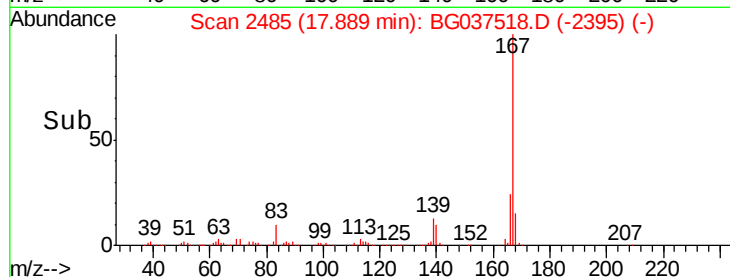
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 51.212 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

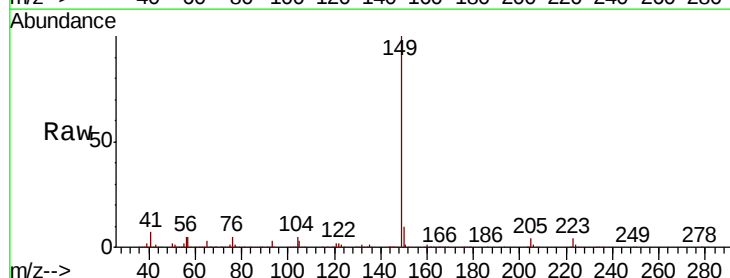
Tgt Ion:149 Resp: 1152118

Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

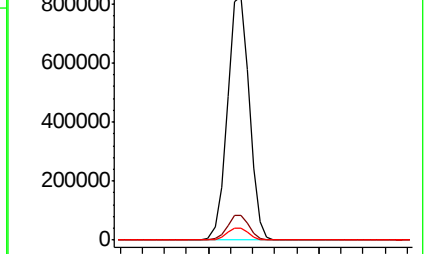
104 5.1 4.0 6.0



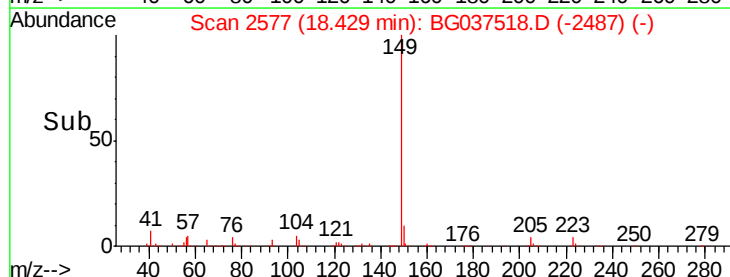
Abundance Ion 149.00 (148.70 to 149.70): E

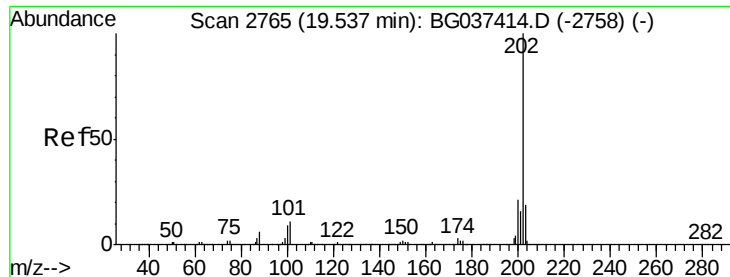
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 51.552 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

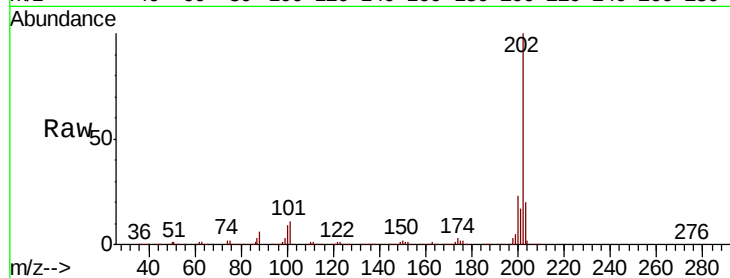
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1204579

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
203	19.6	0.0	38.5

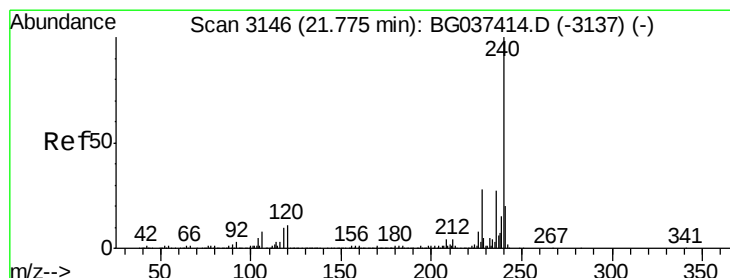
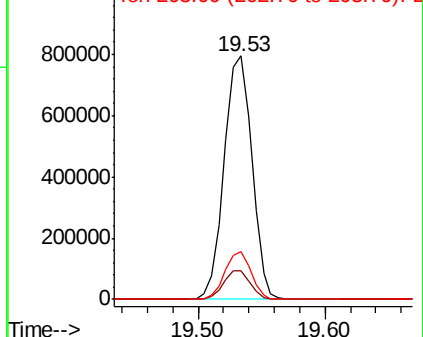
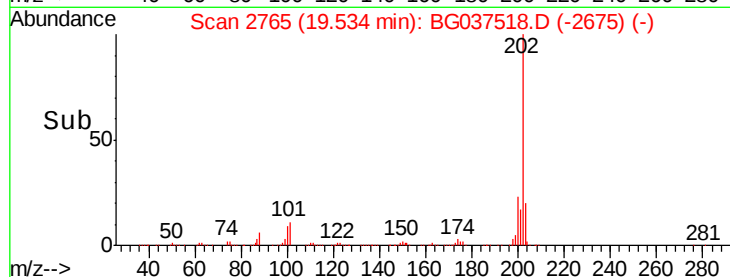


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

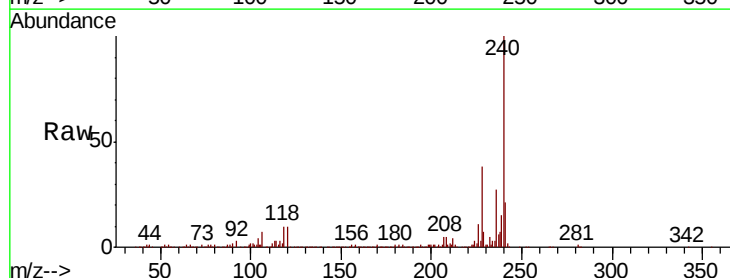
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:240 Resp: 360104

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	27.1	21.4	32.0

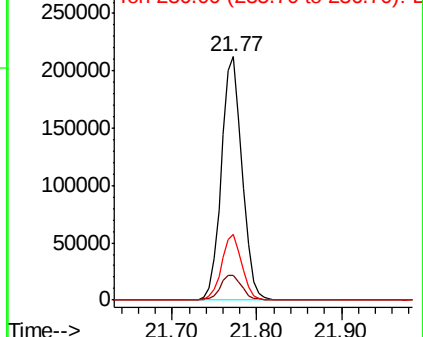
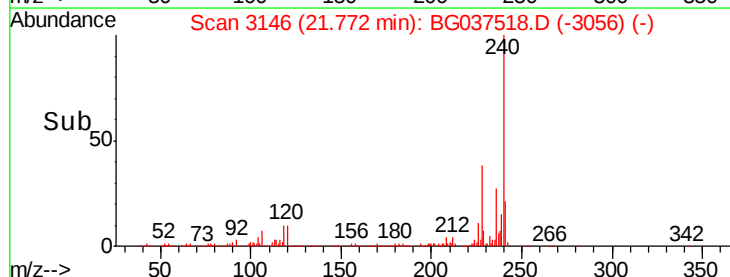


Abundance

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: 6.238 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

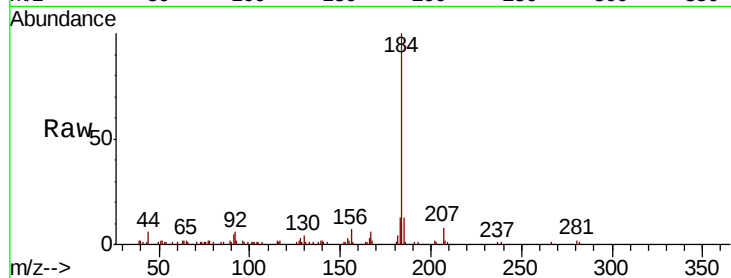
Tot Ion:184 Resp: 76379

Ion Ratio Lower Upper

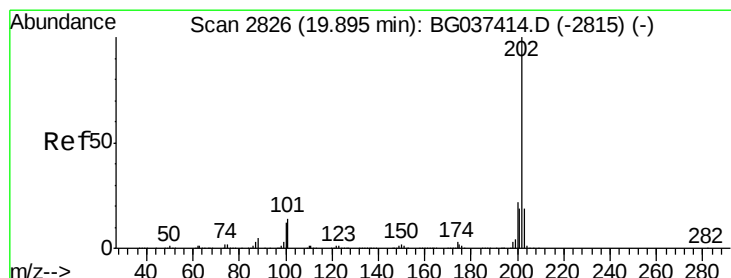
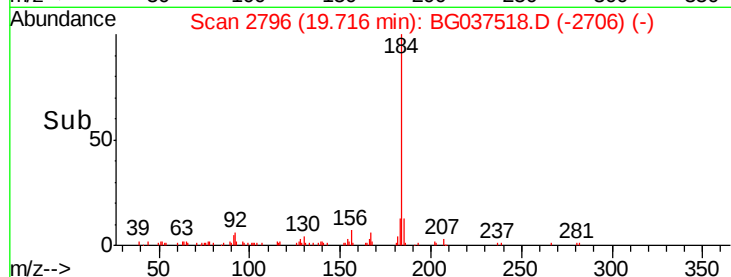
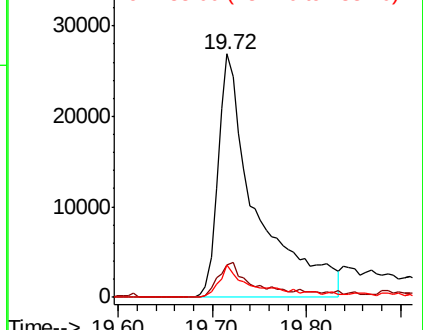
184 100

185 13.2 12.6 18.8

183 13.3 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: 51.059 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

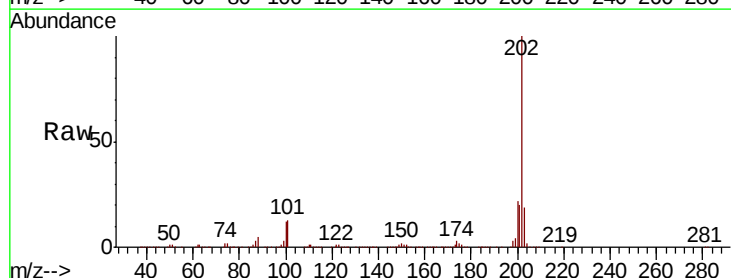
Tgt Ion:202 Resp: 1201946

Ion Ratio Lower Upper

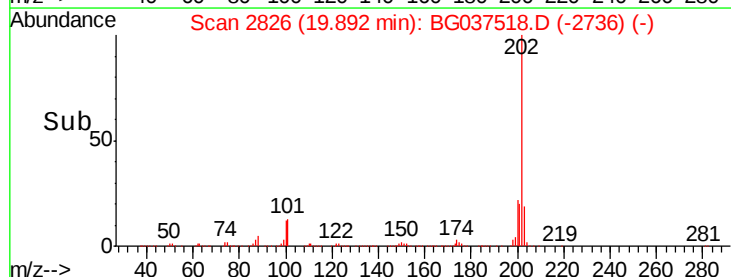
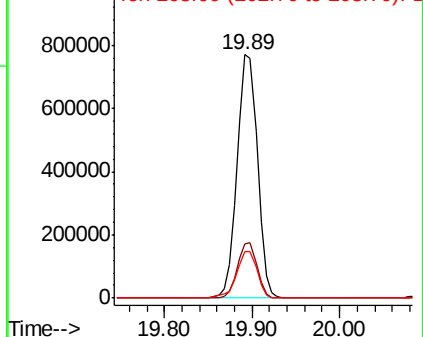
202 100

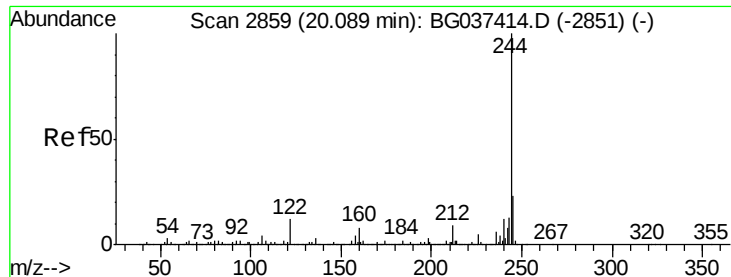
200 22.5 17.8 26.6

203 19.2 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: 82.360 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampled :

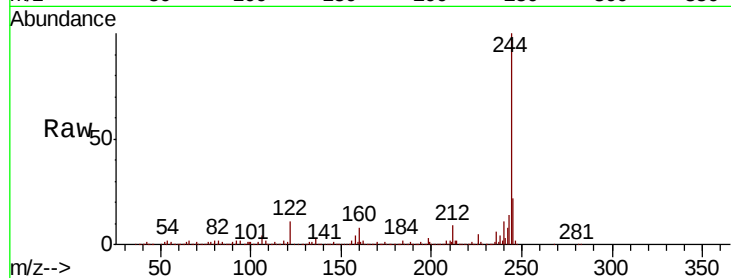
Tot Ion:244 Resp: 1387997

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

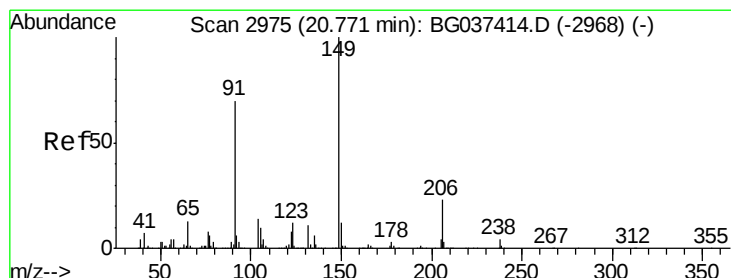
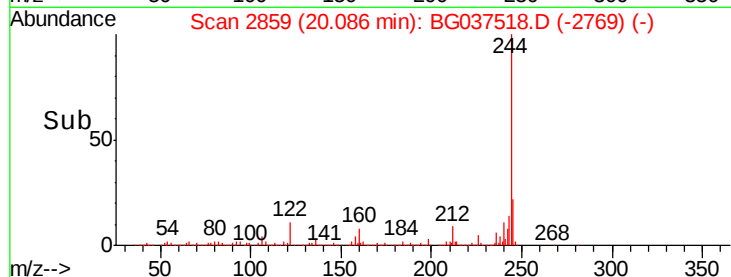
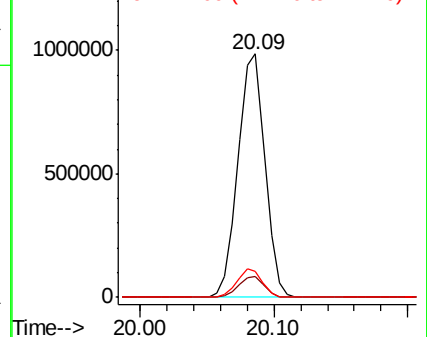
122 10.9 9.0 13.4



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: 54.653 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

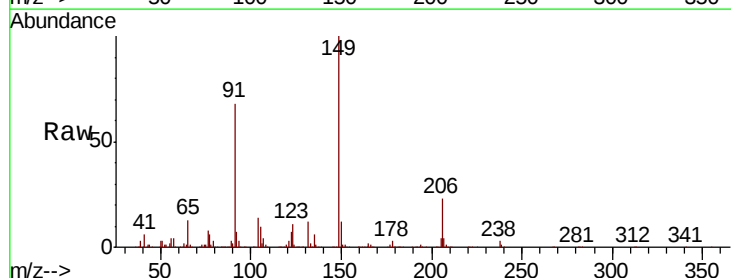
Tgt Ion:149 Resp: 526541

Ion Ratio Lower Upper

149 100

91 68.3 57.0 85.4

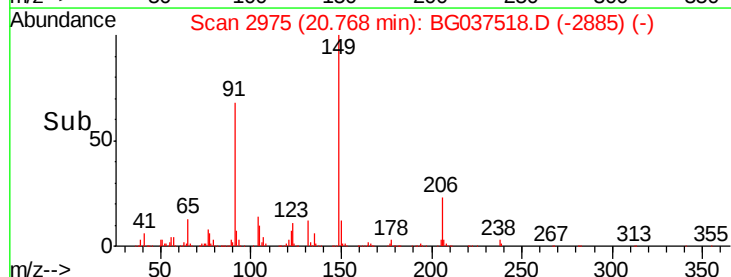
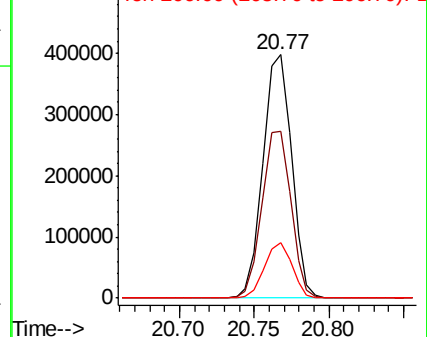
206 22.7 17.8 26.6

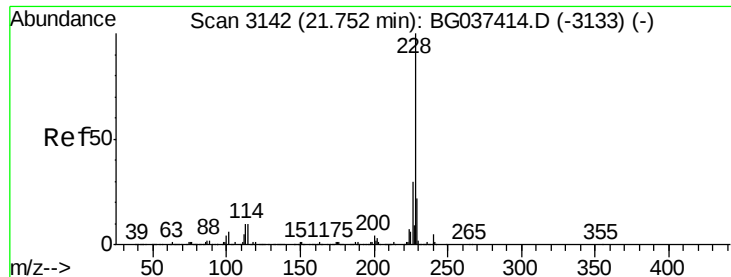


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.914 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

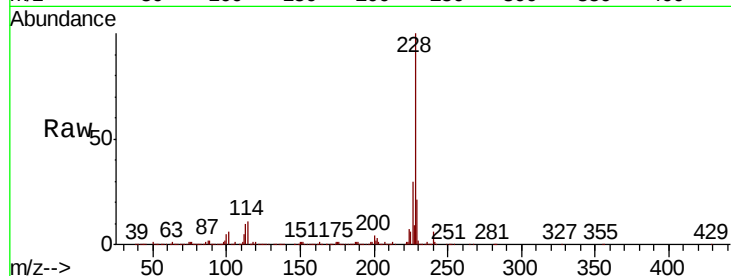
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1127062

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.1	16.3	24.5

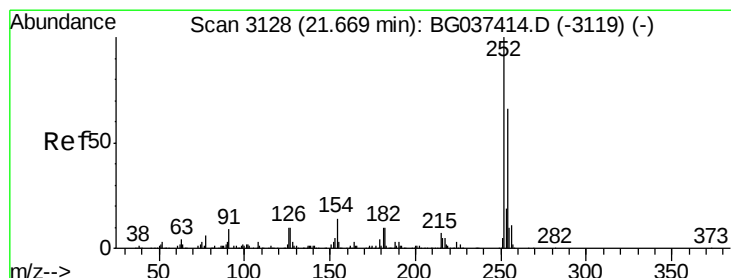
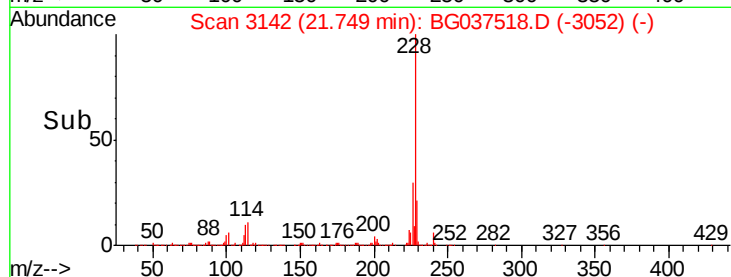
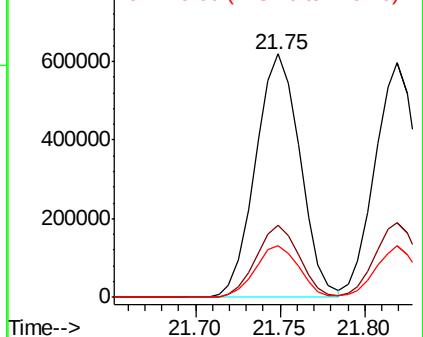


Abundance

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: 25.622 ng

RT: 21.66 min Scan# 3127

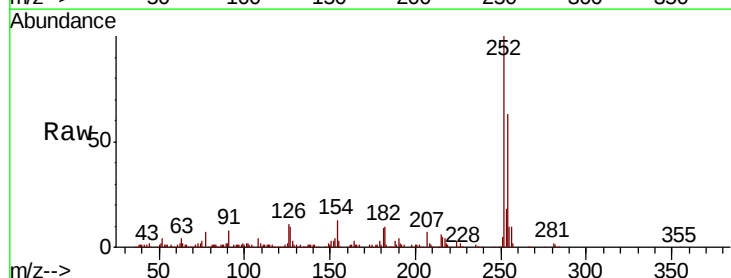
Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:252 Resp: 211535

Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.0	78.0
126	10.6	8.2	12.4

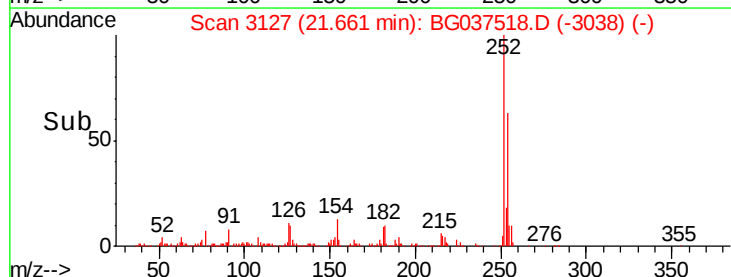
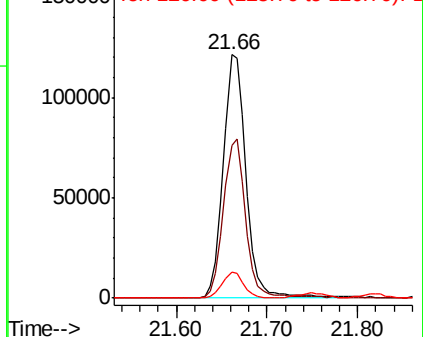


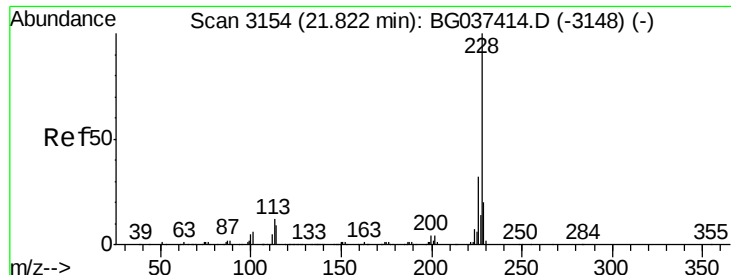
Abundance

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: 51.038 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

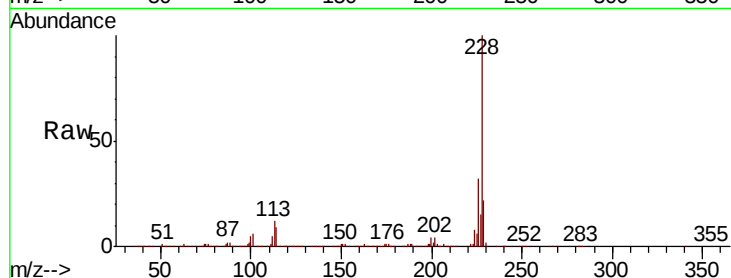
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1045331

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.7	38.5
229	21.8	16.5	24.7

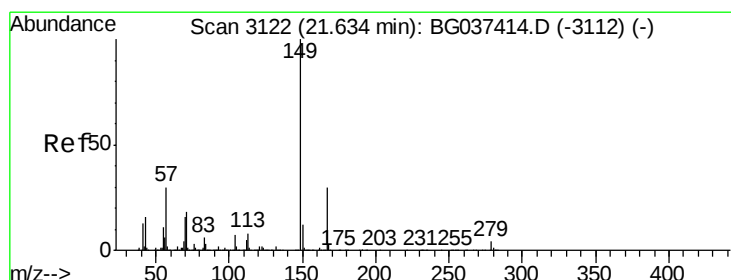
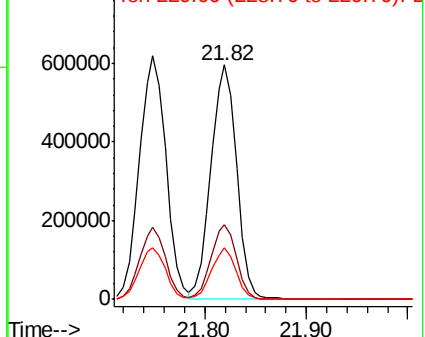
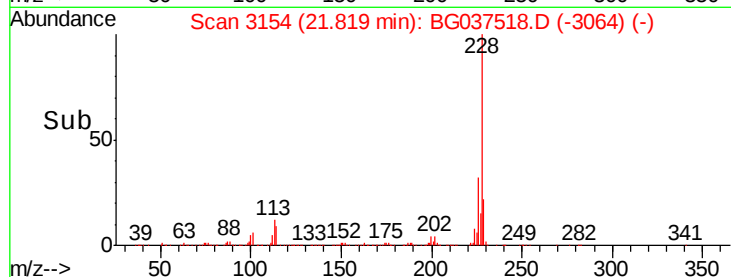


Abundance

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: 53.976 ng

RT: 21.63 min Scan# 3121

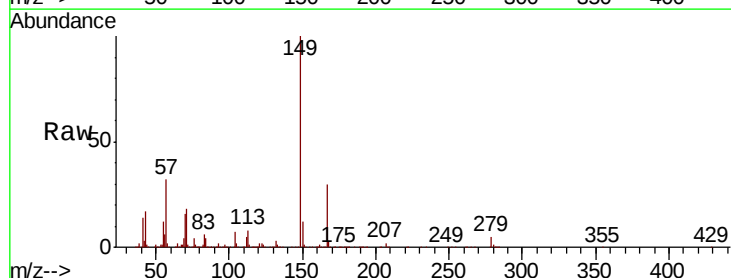
Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:149 Resp: 728907

Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.0	34.4
279	4.6	3.6	5.4

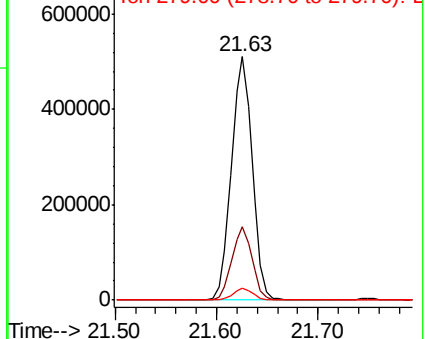
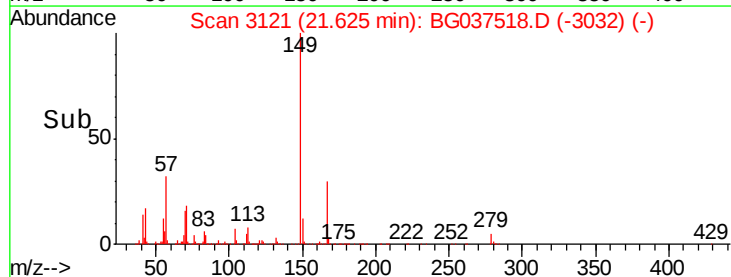


Abundance

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: 55.678 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

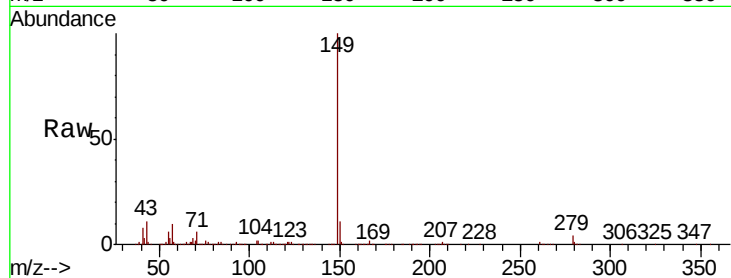
Tot Ion:149 Resp: 1226100

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

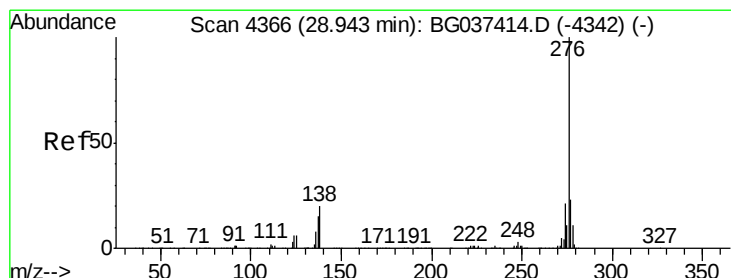
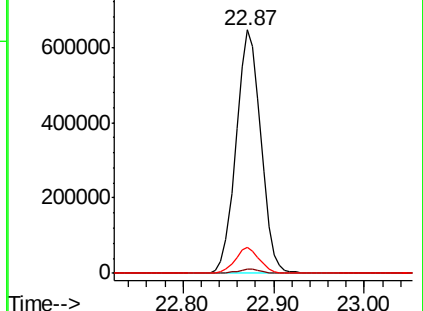
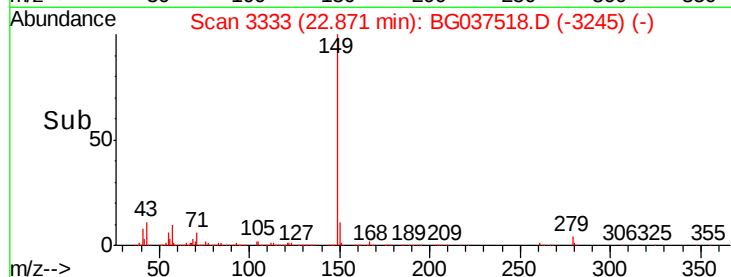
43 10.5 8.7 13.1



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: 52.629 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

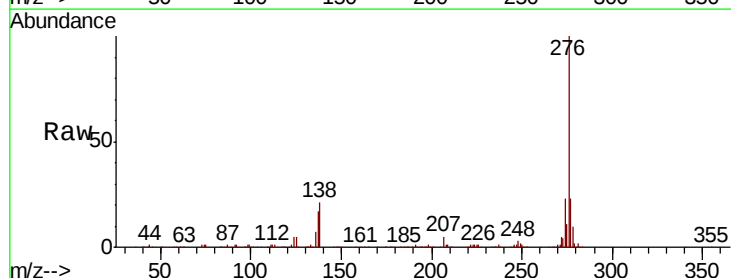
Tgt Ion:276 Resp: 1156133

Ion Ratio Lower Upper

276 100

138 25.5 12.0 18.0#

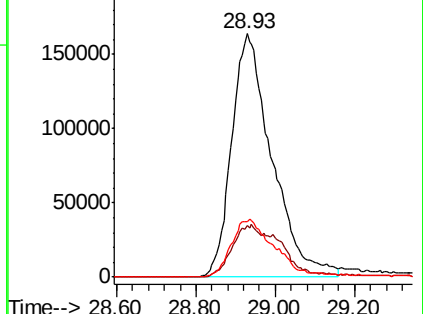
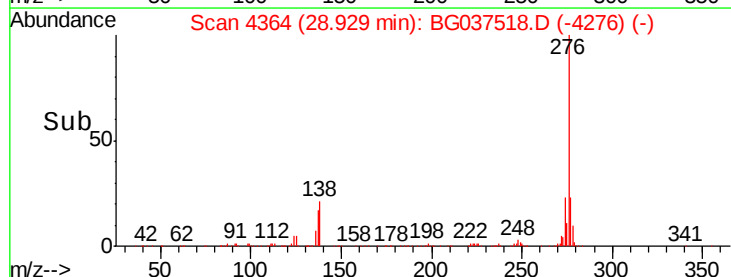
277 25.3 20.6 30.8

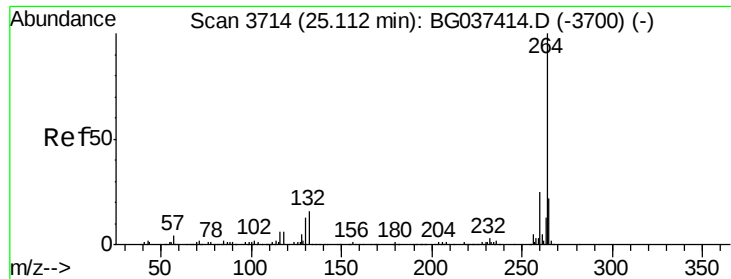


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

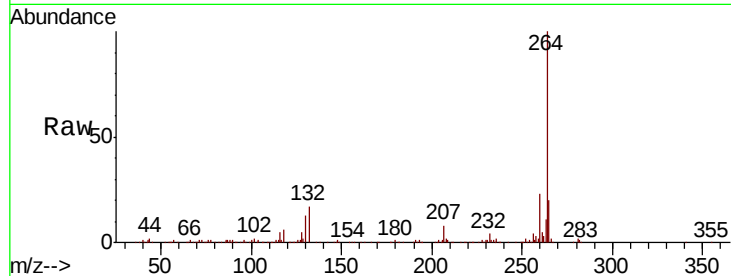
Tot Ion:264 Resp: 379177

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

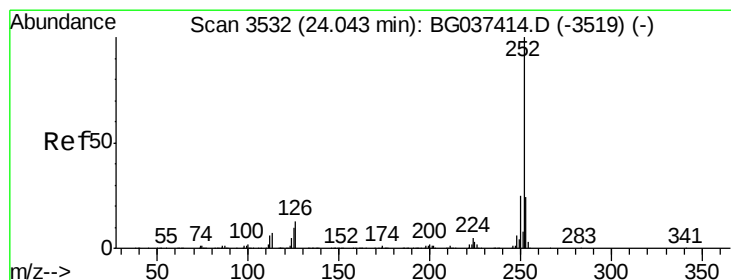
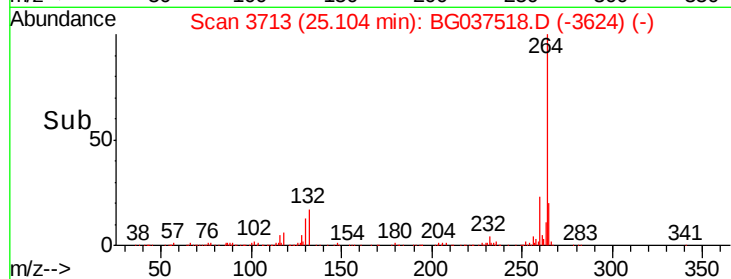
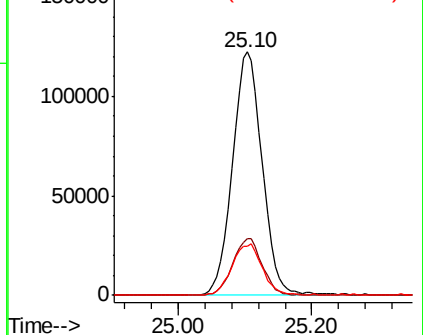
265 20.4 17.9 26.9



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: 52.500 ng

RT: 24.04 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

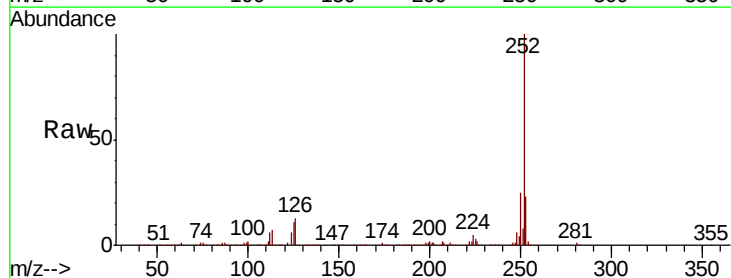
Tgt Ion:252 Resp: 1091374

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

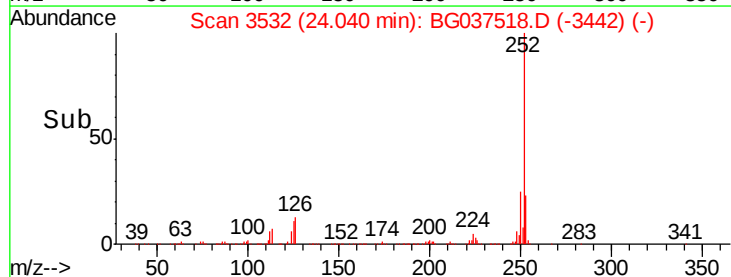
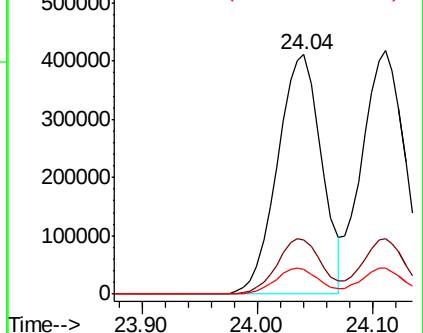
125 10.6 7.8 11.6

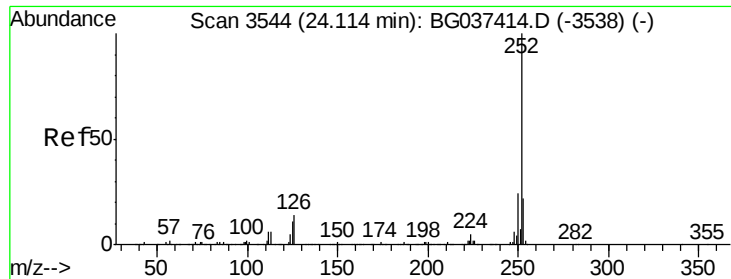


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 53.206 ng

RT: 24.11 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampled :

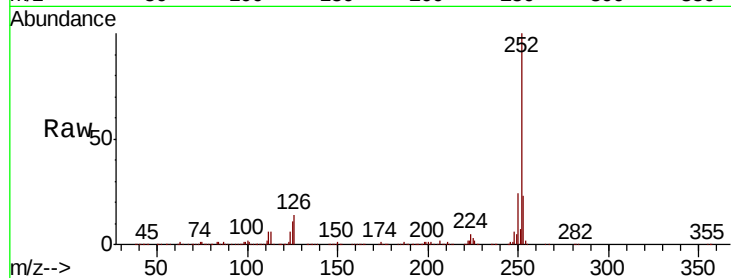
Tot Ion:252 Resp: 1083618

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

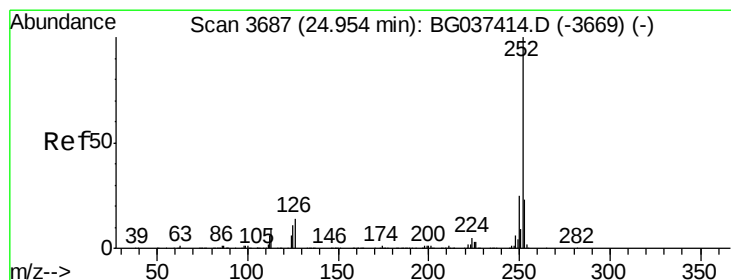
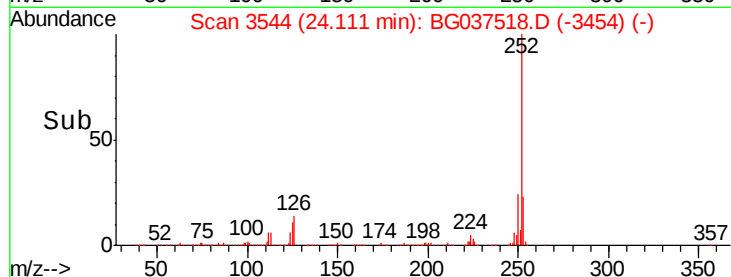
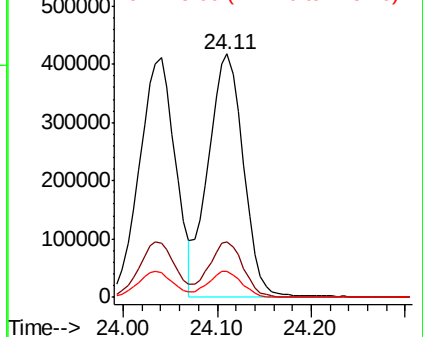
125 10.6 7.4 11.0



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



#90

Benzo(a)pyrene

Concen: 53.896 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

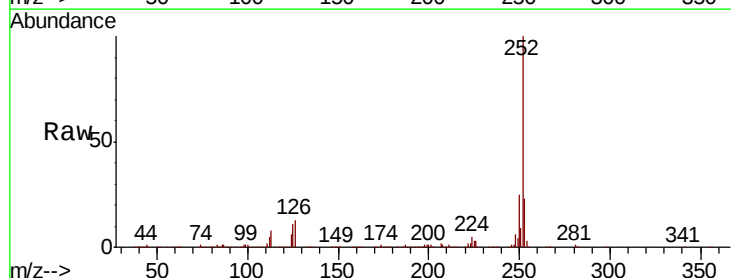
Tgt Ion:252 Resp: 1064624

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

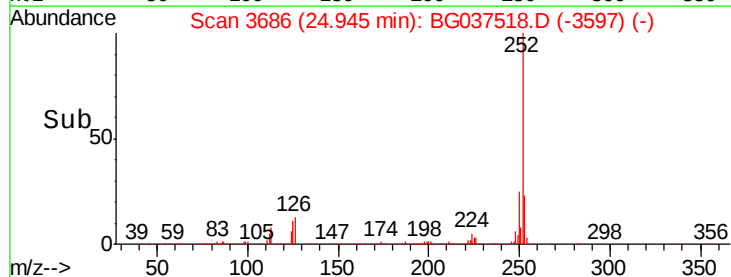
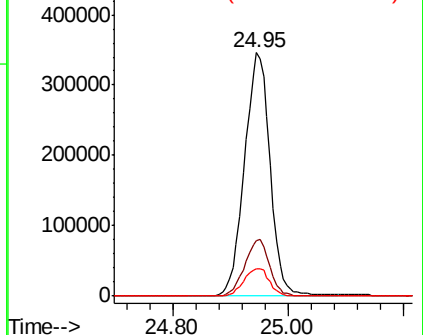
125 11.2 9.0 13.6

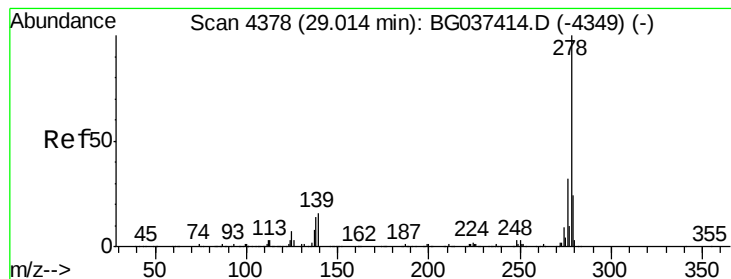


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.367 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

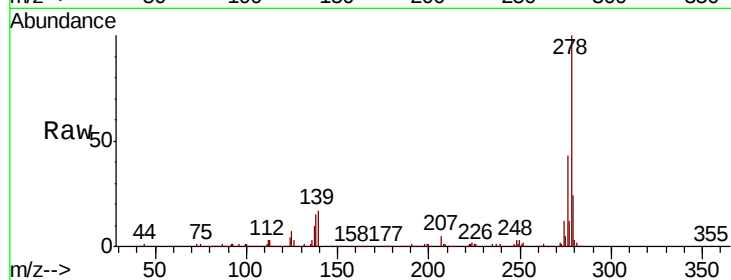
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 954176

Ion	Ratio	Lower	Upper
278	100		
139	16.9	11.5	17.3
279	23.9	18.6	27.8

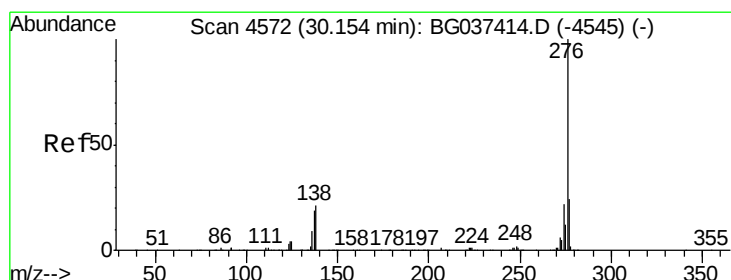
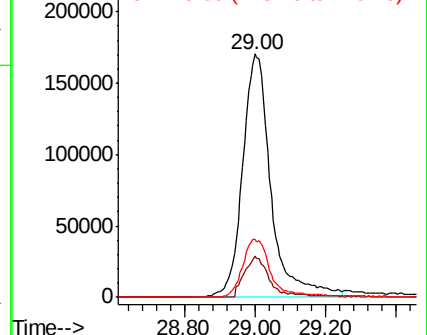
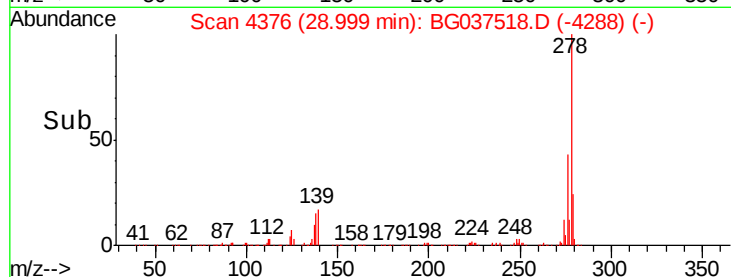


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.413 ng

RT: 30.14 min Scan# 4570

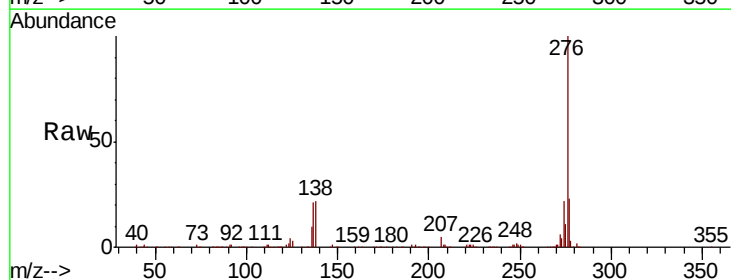
Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:276 Resp: 929330

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	22.3	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

