

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037362.D
 Acq On : 16 Oct 2018 16:51
 Operator : JU/SJ
 Sample : J5516-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 17 01:38:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57703	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	260031	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	175905	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	432649	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	403537	20.00	ng	-0.02
87) Perylene-d12	25.12	264	425800	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	269615	82.23	ng	0.00
7) Phenol-d6	7.25	99	398433	80.06	ng	0.00
23) Nitrobenzene-d5	9.29	82	213828	54.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	142934	82.85	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	549902	46.95	ng	-0.02
79) Terphenyl-d14	20.09	244	884028	46.00	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	29605	16.077	ng	99
3) Pyridine	3.94	79	76793	17.564	ng	92
4) n-Nitrosodimethylamine	3.86	42	38142	22.465	ng	91
6) Aniline	7.43	93	84138	12.915	ng	97
8) 2-Chlorophenol	7.67	128	100051	26.073	ng	99
9) Benzaldehyde	7.25	77	44445	12.972	ng	97
10) Phenol	7.28	94	145657	27.790	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	93075	21.736	ng	93
12) 1,3-Dichlorobenzene	8.00	146	99214	21.993	ng	99
13) 1,4-Dichlorobenzene	8.15	146	102222	22.382	ng	97
14) 1,2-Dichlorobenzene	8.47	146	99169	22.407	ng	97
15) Benzyl Alcohol	8.35	79	90526	23.255	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.64	45	170507	20.142	ng	98
17) 2-Methylphenol	8.54	107	92565	26.369	ng	98
18) Hexachloroethane	9.19	117	35459	22.747	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	78829	20.922	ng	94
20) 3+4-Methylphenols	8.87	107	128130	26.105	ng	99
22) Acetophenone	8.94	105	151683	23.141	ng	# 97
24) Nitrobenzene	9.33	77	112696	26.603	ng	98
25) Isophorone	9.85	82	226896	25.130	ng	97
26) 2-Nitrophenol	10.04	139	45860	32.498	ng	94
27) 2,4-Dimethylphenol	10.08	122	109410	28.991	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	140147	24.809	ng	97
29) 2,4-Dichlorophenol	10.57	162	106658	27.841	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	106184	22.778	ng	97
31) Naphthalene	10.99	128	319208	25.259	ng	99
32) Benzoic acid	10.08	122	109410	52.503	ng	# 13
33) 4-Chloroaniline	11.09	127	83895	14.152	ng	97
34) Hexachlorobutadiene	11.25	225	60731	20.978	ng	94
35) Caprolactam	11.86	113	33840	21.668	ng	# 85
36) 4-Chloro-3-methylphenol	12.19	107	121803	26.921	ng	98
37) 2-Methylnaphthalene	12.58	142	247884	26.878	ng	96
38) 1-Methylnaphthalene	12.80	142	234404	26.024	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	125433	22.019	ng	99

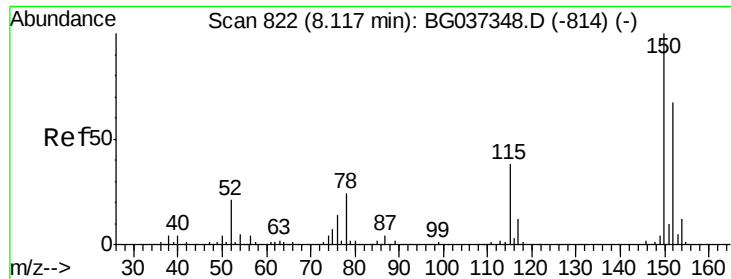
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
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 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	127625	54.345	nq	99
43) 2,4,6-Trichlorophenol	13.18	196	89015	26.936	nq	97
44) 2,4,5-Trichlorophenol	13.25	196	100532	28.274	nq	99
46) 1,1'-Biphenyl	13.58	154	333154	23.024	nq	99
47) 2-Chloronaphthalene	13.62	162	254365	23.272	nq	98
48) 2-Nitroaniline	13.83	65	77429	28.766	nq	97
49) Acenaphthylene	14.47	152	430294	25.735	nq	99
50) Dimethylphthalate	14.19	163	392494	28.392	nq	100
51) 2,6-Dinitrotoluene	14.32	165	71513	28.774	nq	95
52) Acenaphthene	14.81	154	249266	24.135	nq	98
53) 3-Nitroaniline	14.65	138	60027	20.754	nq	96
54) 2,4-Dinitrophenol	14.85	184	9972	14.416	nq	91
55) Dibenzofuran	15.14	168	406404	24.251	nq	99
56) 4-Nitrophenol	14.94	139	122714	54.429	nq	93
57) 2,4-Dinitrotoluene	15.10	165	95134	30.215	nq	99
58) Fluorene	15.79	166	324232	25.582	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	87398	27.763	nq	98
60) Diethylphthalate	15.55	149	346245	24.168	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	170953	23.075	nq	98
62) 4-Nitroaniline	15.81	138	80997	26.681	nq	93
63) Azobenzene	16.07	77	328384	23.907	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	29304	24.904	nq	99
66) n-Nitrosodiphenylamine	15.99	169	300488	23.650	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	106748	22.861	nq	99
68) Hexachlorobenzene	16.78	284	108283	22.367	nq	96
69) Atrazine	16.94	200	114756	24.301	nq	99
70) Pentachlorophenol	17.13	266	112932	36.156	nq	98
71) Phenanthrene	17.53	178	551223	25.029	nq	99
72) Anthracene	17.63	178	563640	26.147	nq	99
73) Carbazole	17.90	167	525276	23.650	nq	99
74) Di-n-butylphthalate	18.44	149	621559	26.110	nq	98
75) Fluoranthene	19.54	202	658850	25.596	nq	99
77) Benzidine	19.72	184	175118	11.344	nq	99
78) Pyrene	19.90	202	658169	25.025	nq	99
80) Butylbenzylphthalate	20.78	149	273808	26.758	nq	96
81) Benzo(a)anthracene	21.76	228	612920	25.361	nq	100
82) 3,3'-Dichlorobenzidine	21.67	252	126492	13.568	nq	99
83) Chrysene	21.83	228	566699	24.581	nq	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	385417	26.230	nq	98
85) Di-n-octyl phthalate	22.89	149	645425	27.063	nq	97
86) Indeno(1,2,3-cd)pyrene	28.95	276	643814	25.195	nq	# 96
88) Benzo(b)fluoranthene	24.05	252	599313	25.888	nq	99
89) Benzo(k)fluoranthene	24.12	252	561194	24.567	nq	97
90) Benzo(a)pyrene	24.95	252	571713	25.755	nq	99
91) Dibenzo(a,h)anthracene	29.02	278	529133	24.912	nq	97
92) Benzo(g,h,i)perylene	30.15	276	537620	25.344	nq	97

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

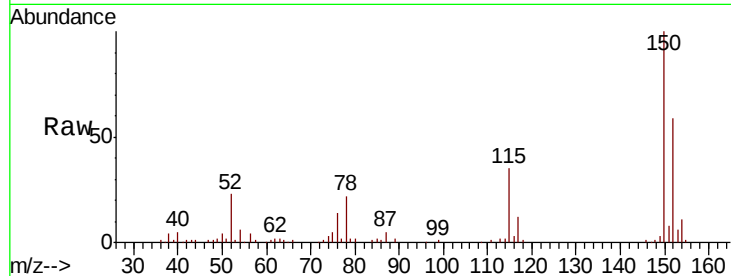


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.1	126.0	189.0
115	58.4	45.5	68.3

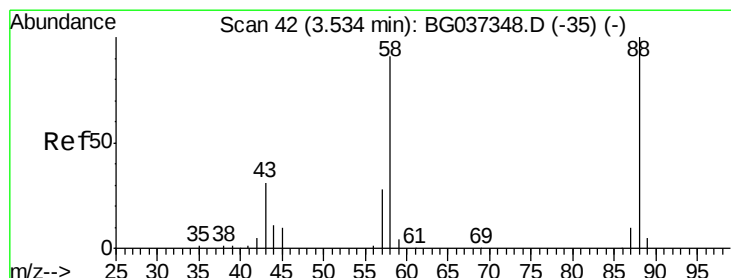
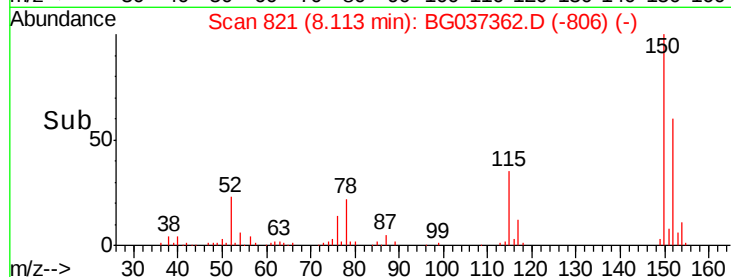
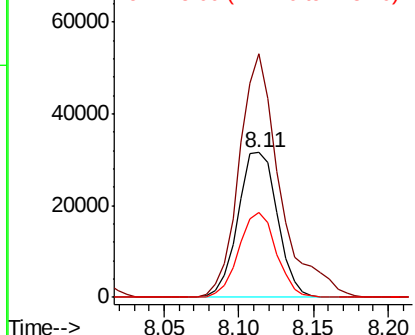


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

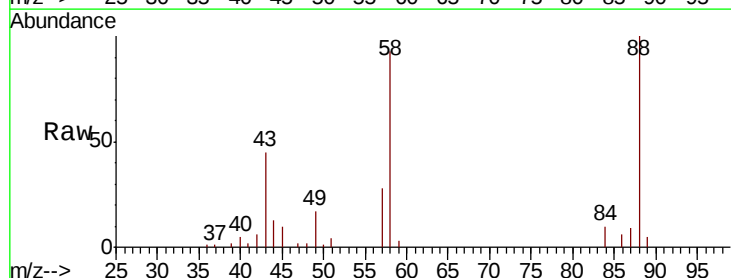
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 16.077 ng
 RT: 3.53 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.2	74.4	111.6
43	32.3	25.8	38.8

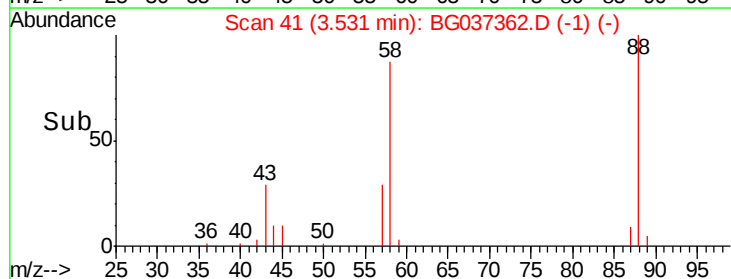
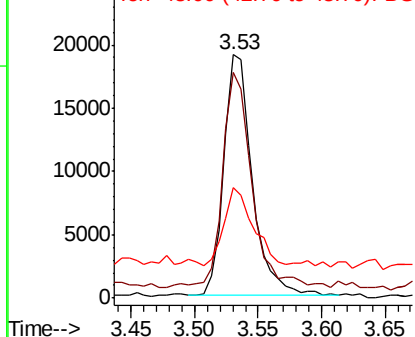


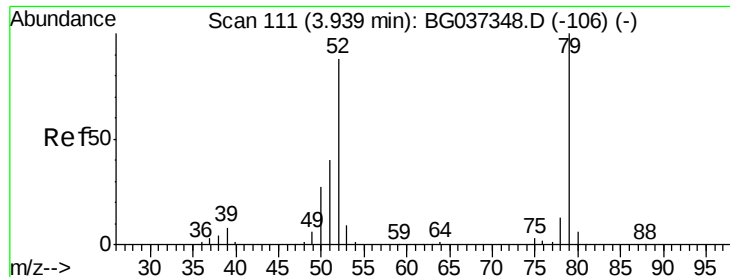
Abundance

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: 17.564 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampled :

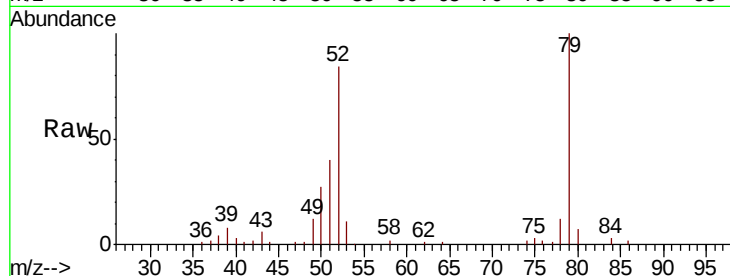
Tot Ion: 79 Resp: 76793

Ion Ratio Lower Upper

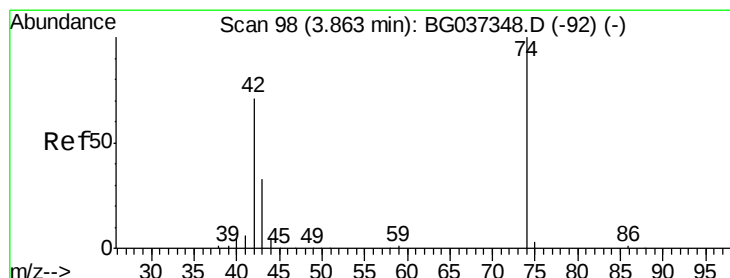
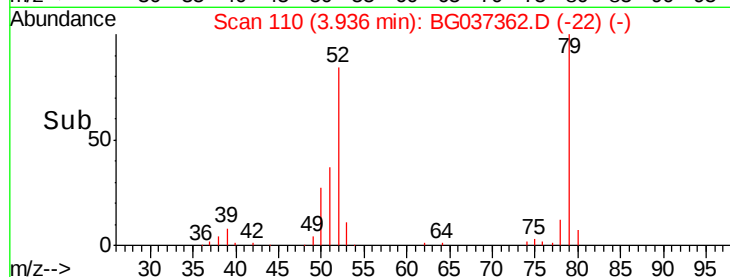
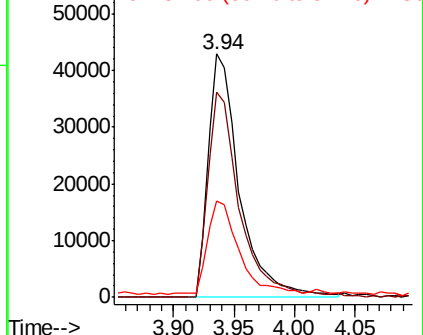
79 100

52 84.4 74.2 111.2

51 39.5 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: 22.465 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.00 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

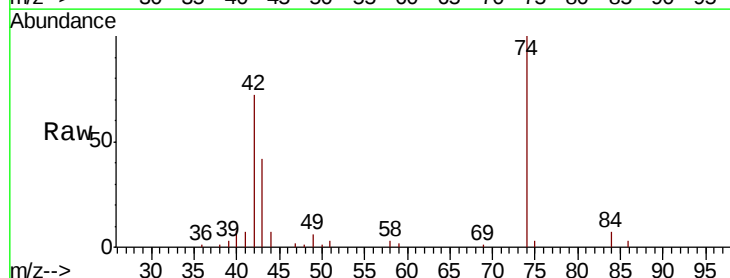
Tgt Ion: 42 Resp: 38142

Ion Ratio Lower Upper

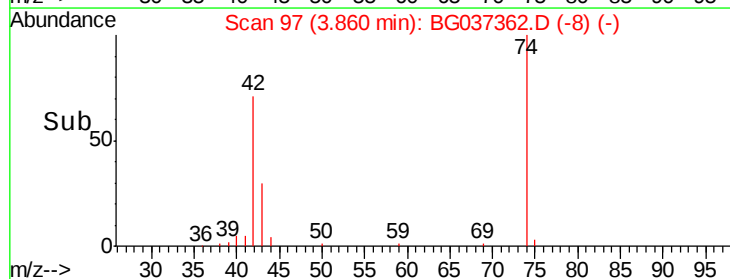
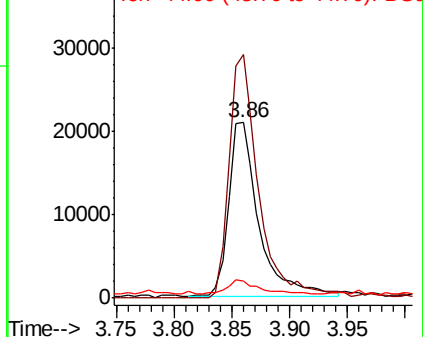
42 100

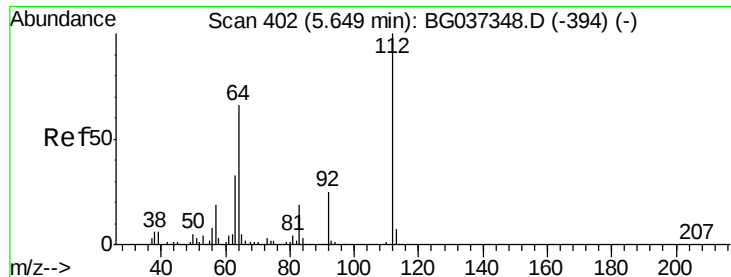
74 138.9 102.0 153.0

44 9.9 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: 82.231 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

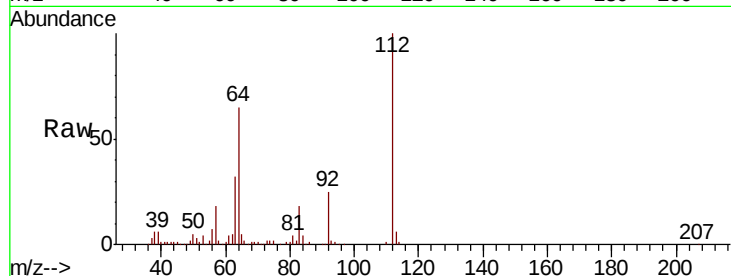
Tot Ion:112 Resp: 269615

Ion Ratio Lower Upper

112 100

64 64.7 53.1 79.7

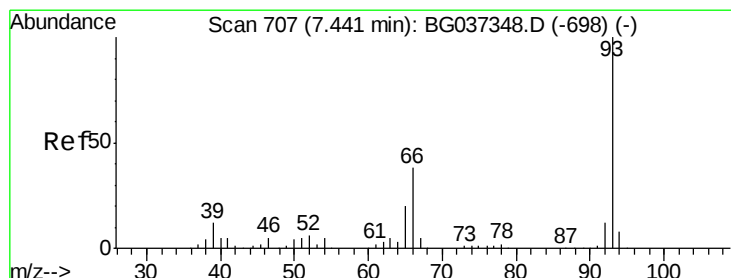
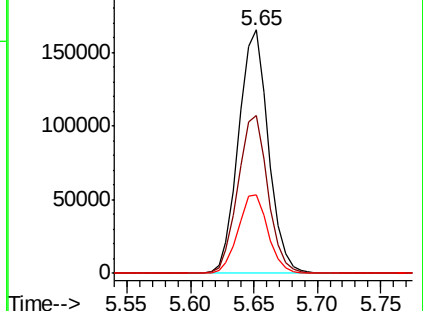
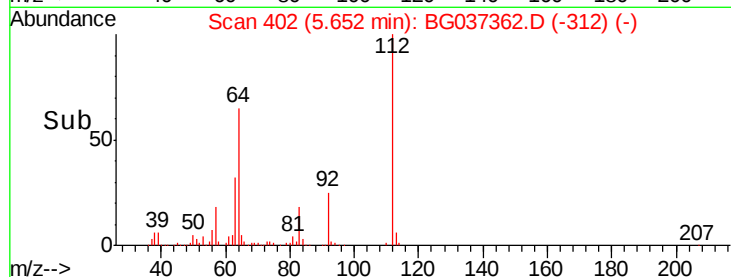
63 32.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.915 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

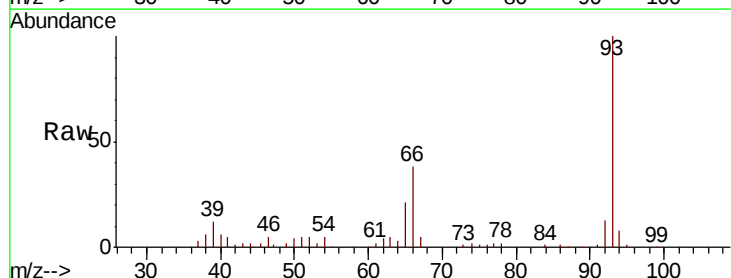
Tgt Ion: 93 Resp: 84138

Ion Ratio Lower Upper

93 100

66 38.5 32.8 49.2

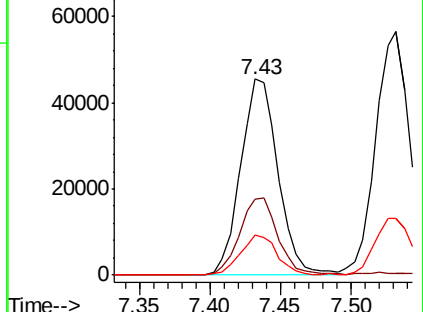
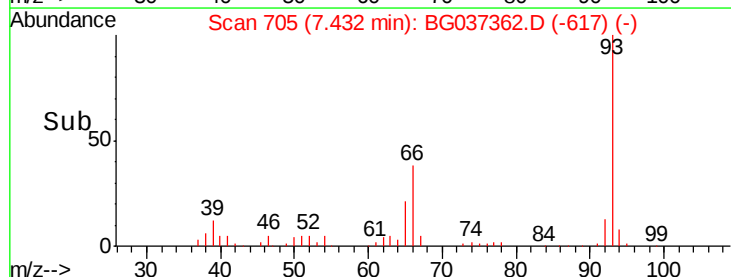
65 20.7 16.4 24.6

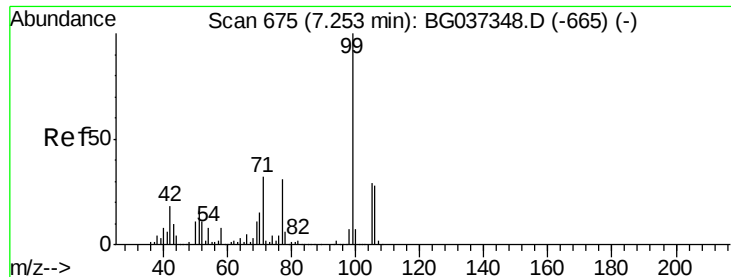


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.061 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

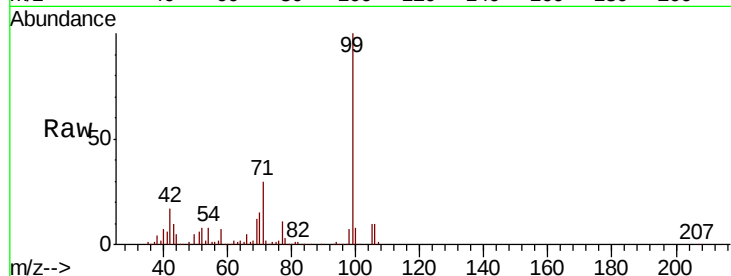
Tot Ion: 99 Resp: 398433

Ion Ratio Lower Upper

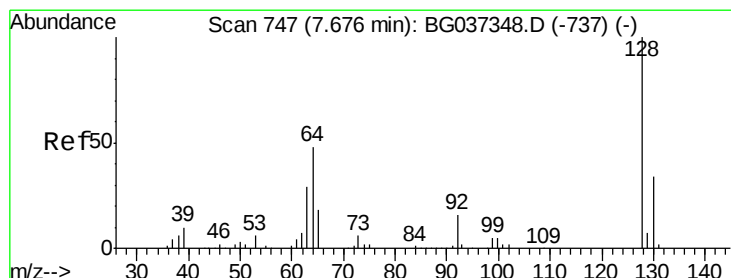
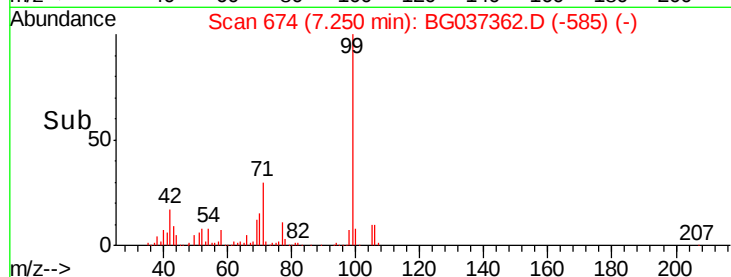
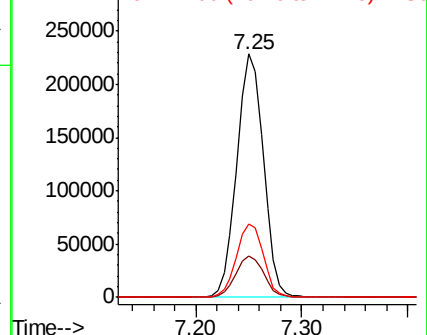
99 100

42 17.2 15.0 22.4

71 30.3 25.5 38.3



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



#8

2-Chlorophenol

Concen: 26.073 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

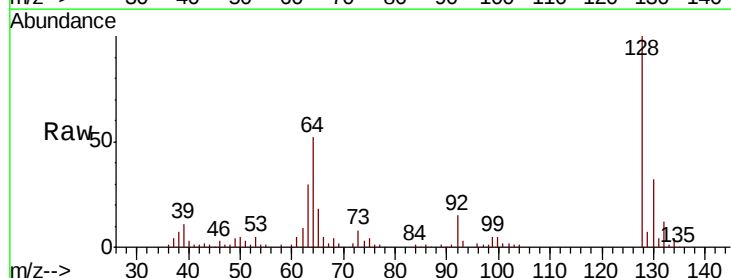
Tgt Ion: 128 Resp: 100051

Ion Ratio Lower Upper

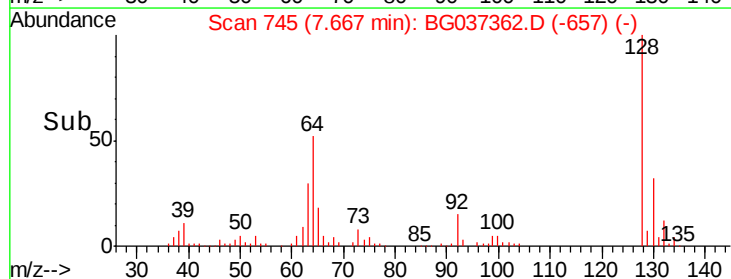
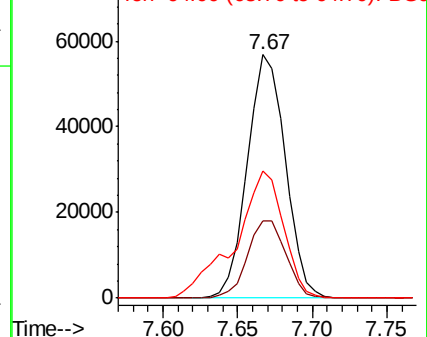
128 100

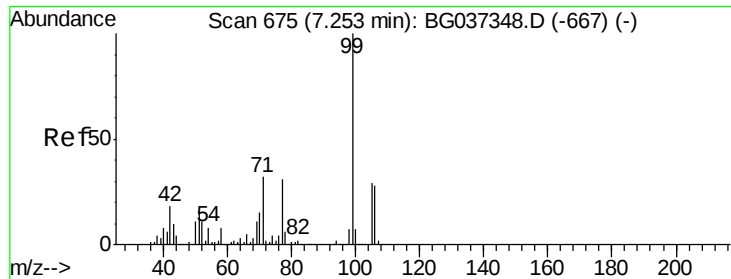
130 31.9 12.0 52.0

64 52.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 12.972 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampled :

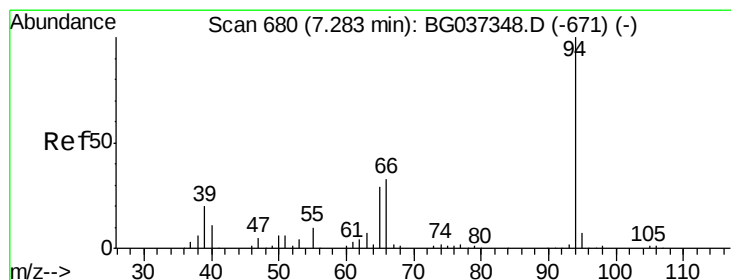
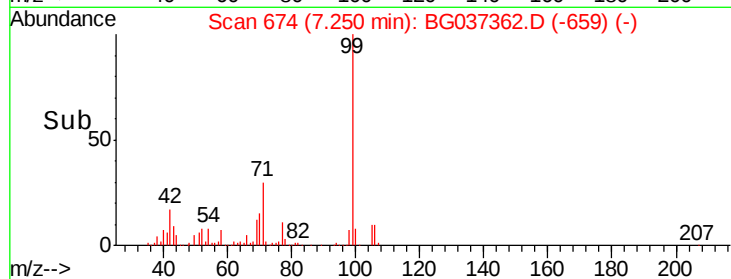
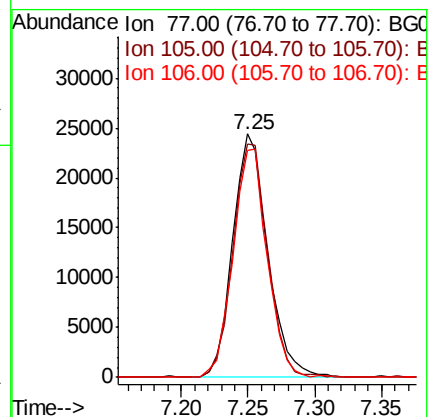
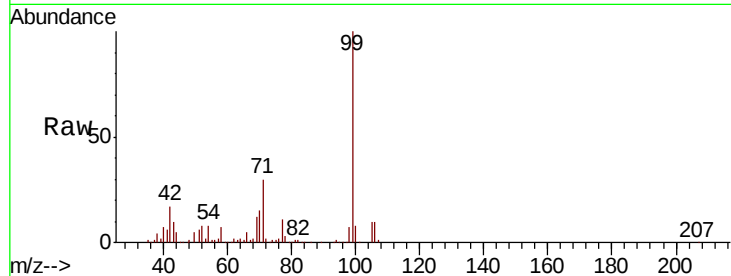
Tot Ion: 77 Resp: 44445

Ion Ratio Lower Upper

77 100

105 95.7 72.6 112.6

106 93.3 71.3 111.3



#10

Phenol

Concen: 27.790 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

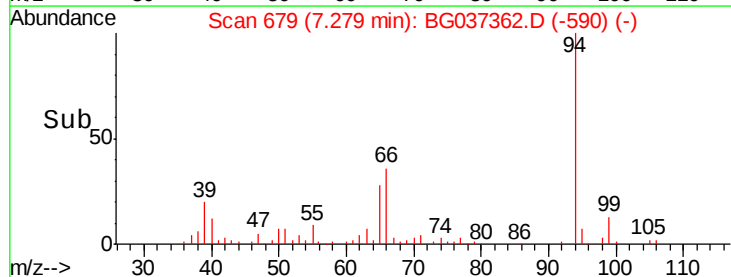
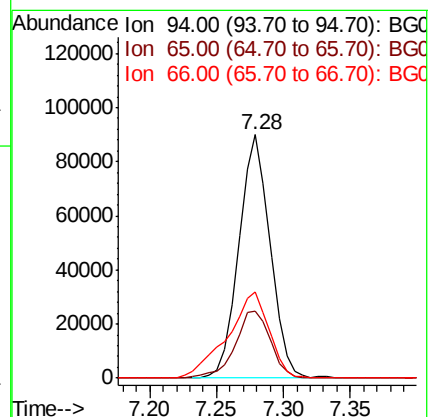
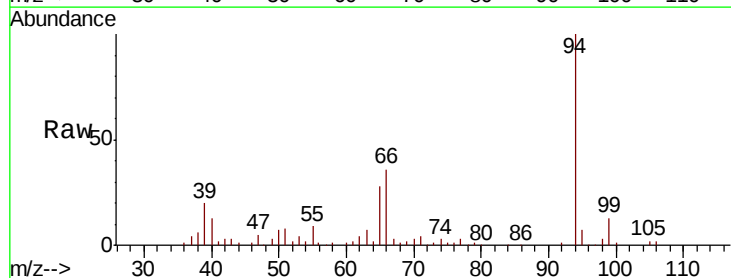
Tgt Ion: 94 Resp: 145657

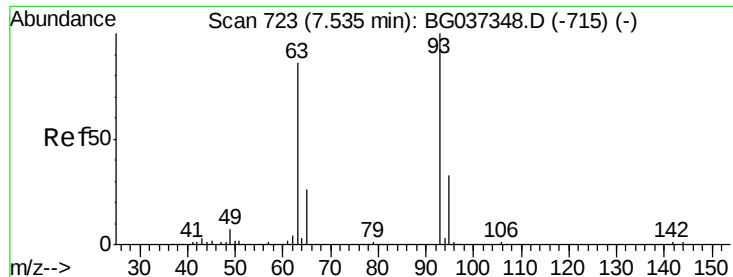
Ion Ratio Lower Upper

94 100

65 27.5 9.7 49.7

66 35.5 15.9 55.9

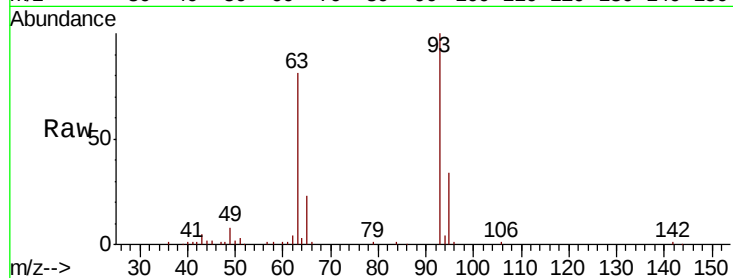




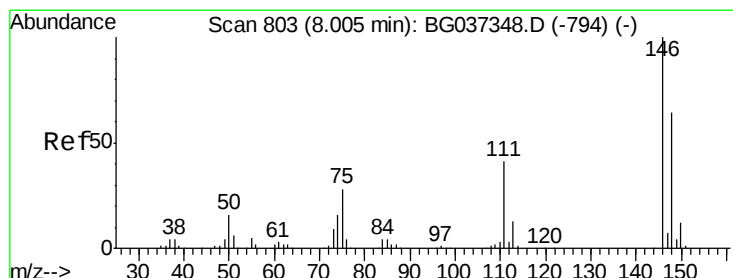
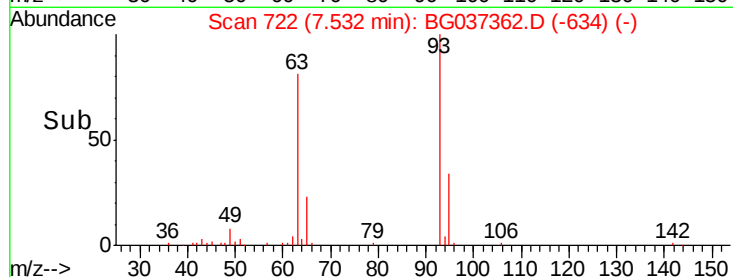
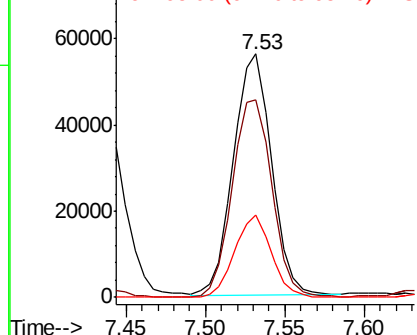
#11
 bis(2-Chloroethyl)ether
 Concen: 21.736 ng
 RT: 7.53 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 93075
 Ion Ratio Lower Upper
 93 100
 63 81.4 69.5 109.5
 95 33.8 12.6 52.6

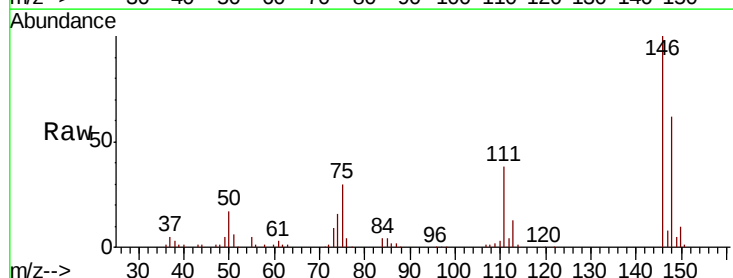


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

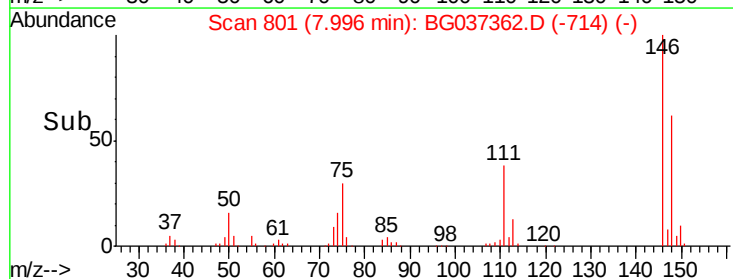
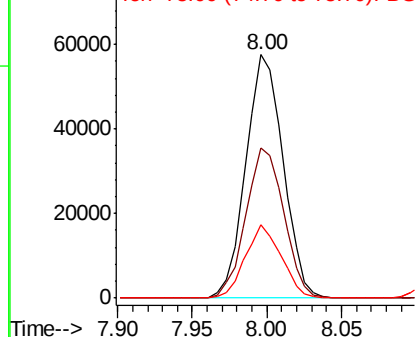


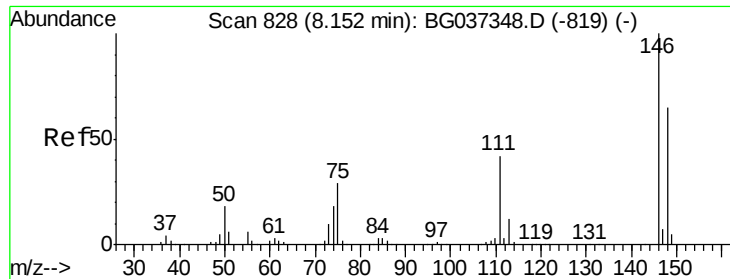
#12
 1,3-Dichlorobenzene
 Concen: 21.993 ng
 RT: 8.00 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion: 146 Resp: 99214
 Ion Ratio Lower Upper
 146 100
 148 61.9 49.8 74.8
 75 30.4 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

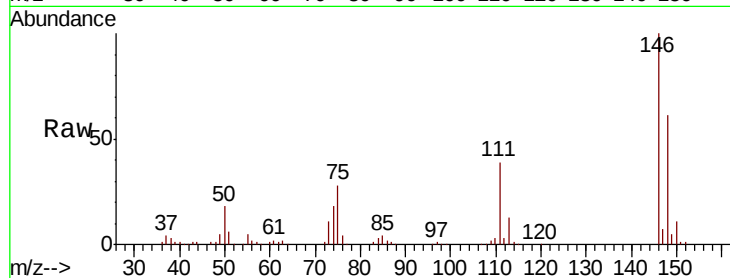




#13
 1,4-Dichlorobenzene
 Concen: 22.382 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.0	76.6
111	39.1	32.4	48.6

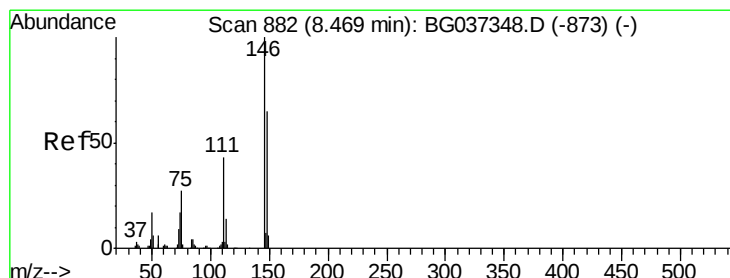
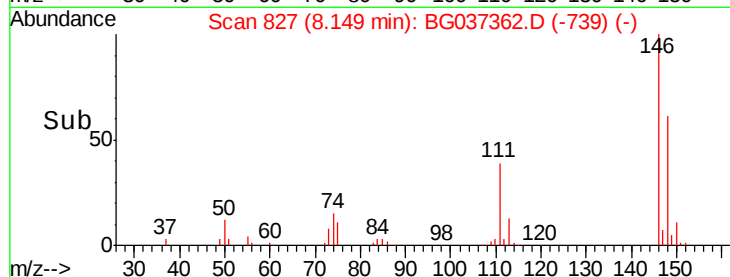
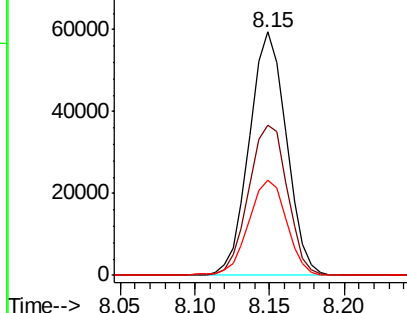


Abundance

Ion 146.00 (145.70 to 146.70): E

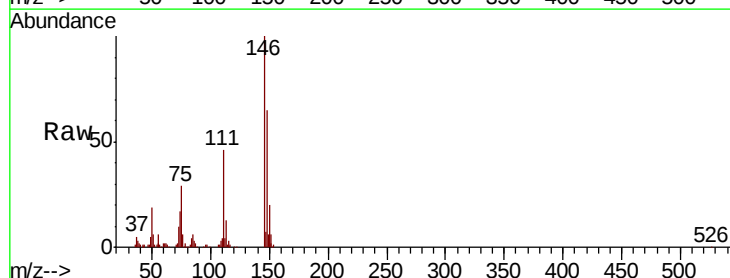
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 22.407 ng
 RT: 8.47 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.4	75.6
111	45.7	34.6	51.8

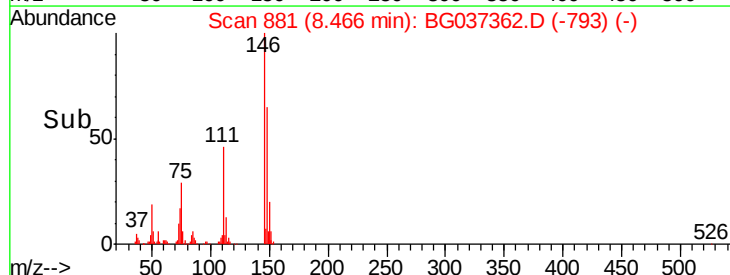
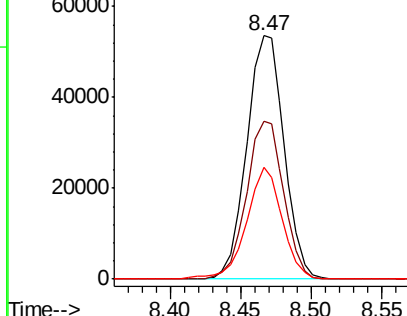


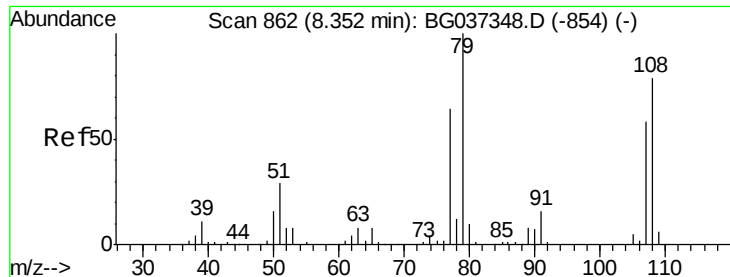
Abundance

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: 23.255 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

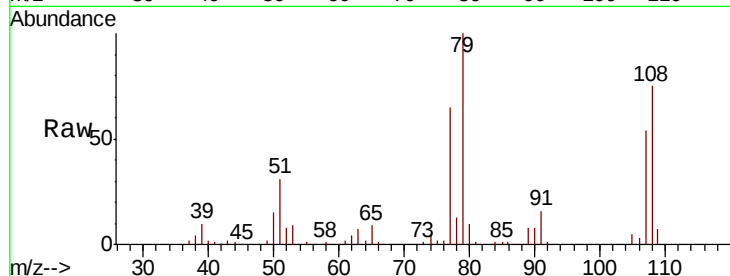
Tot Ion: 79 Resp: 90526

Ion Ratio Lower Upper

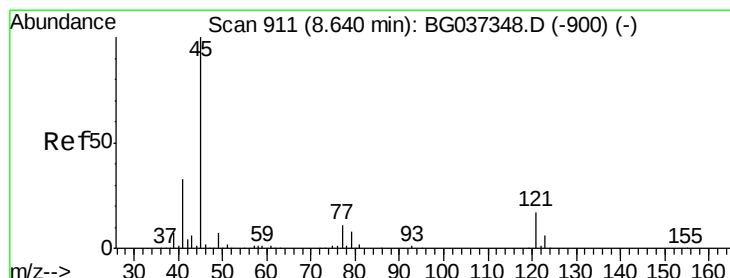
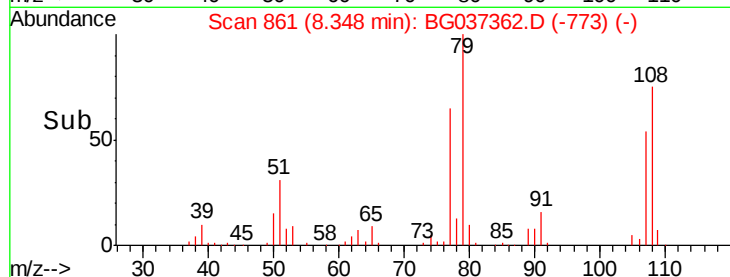
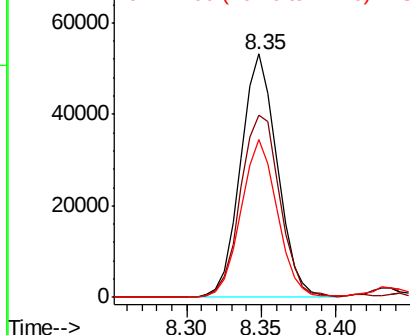
79 100

108 74.6 65.8 98.8

77 65.1 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.142 ng

RT: 8.64 min Scan# 910

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

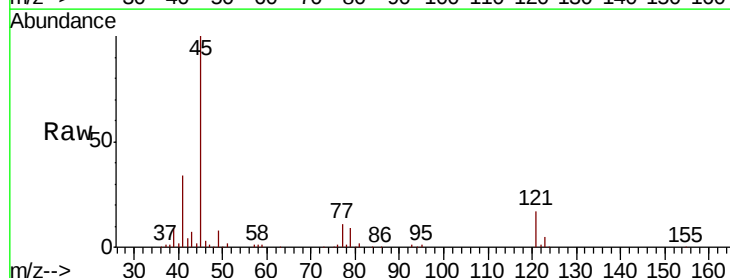
Tgt Ion: 45 Resp: 170507

Ion Ratio Lower Upper

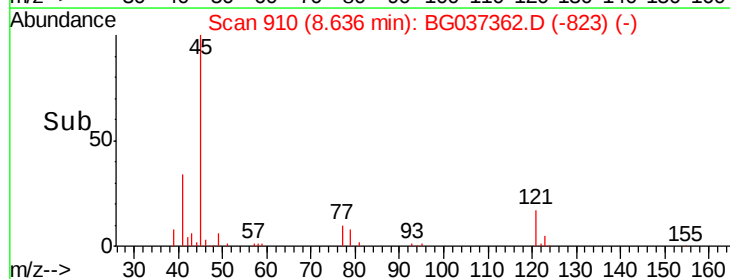
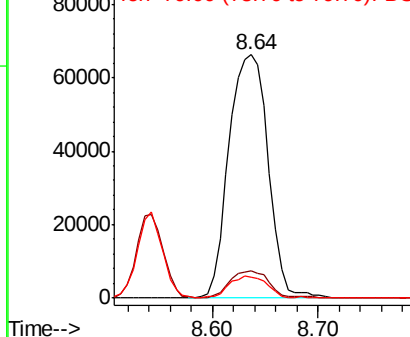
45 100

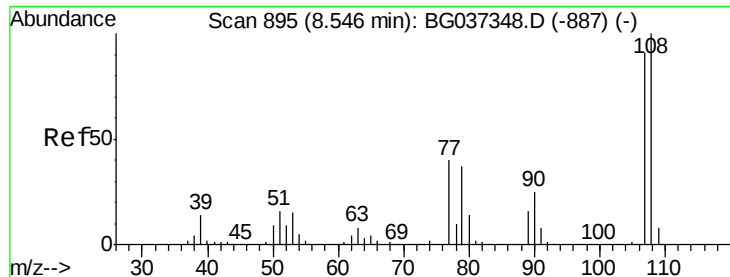
77 11.1 0.0 30.0

79 8.6 0.0 29.0



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

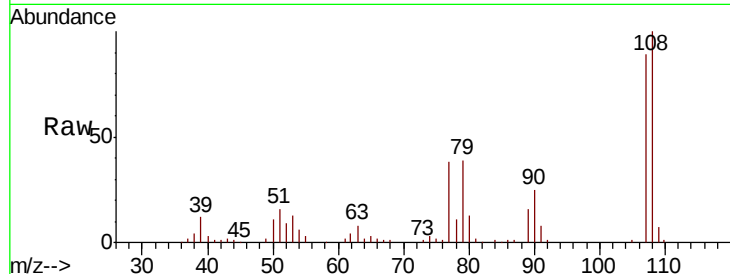




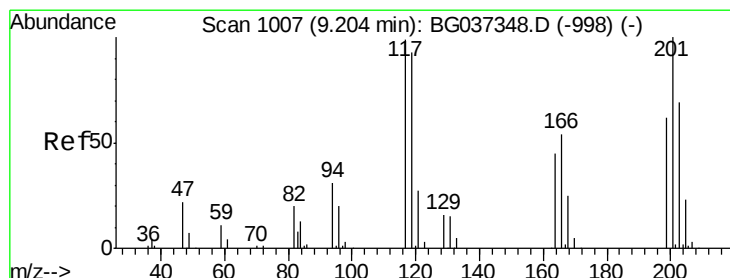
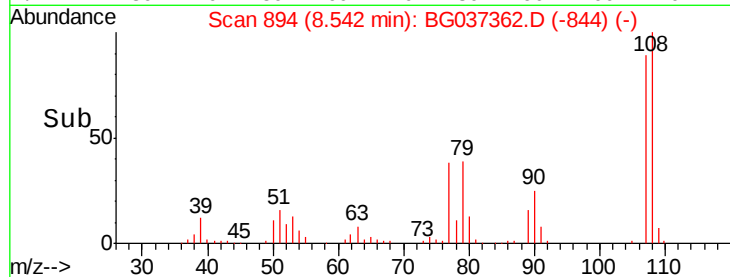
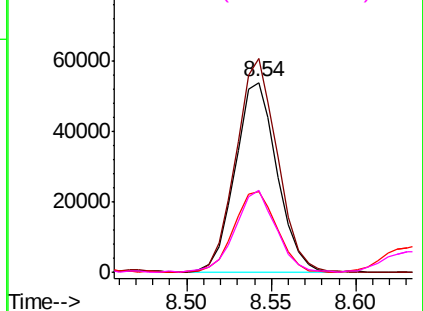
#17
2-Methylphenol
Concen: 26.369 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	92565
Ion	Ratio	Lower	Upper
107	100		
108	112.4	87.9	131.9
77	42.4	35.1	52.7
79	43.4	34.5	51.7

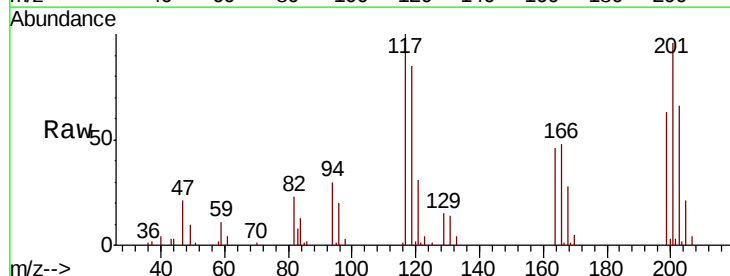


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

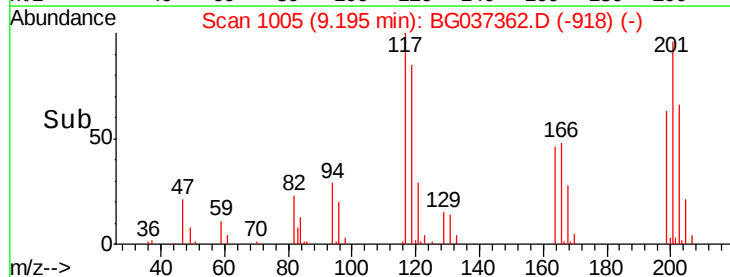
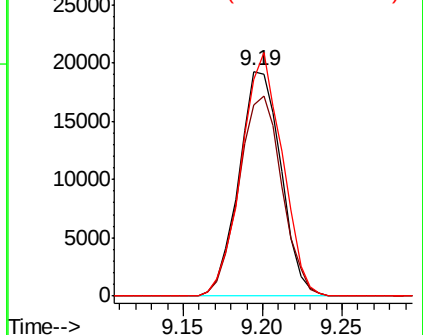


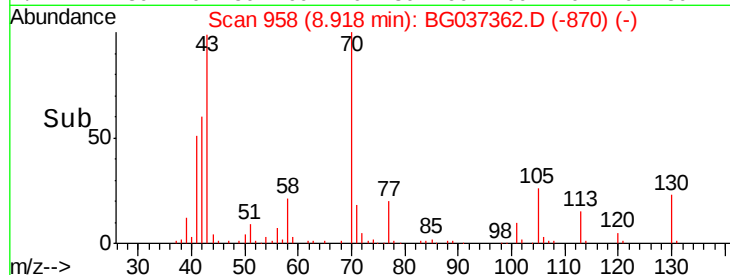
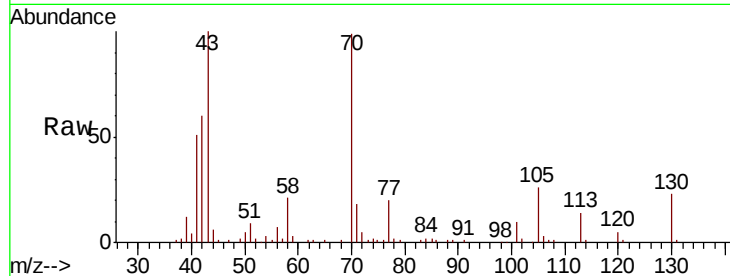
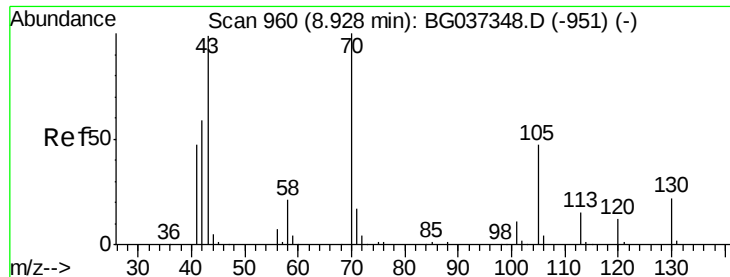
#18
Hexachloroethane
Concen: 22.747 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:	117	Resp:	35459
Ion	Ratio	Lower	Upper
117	100		
119	85.1	74.6	111.8
201	99.4	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

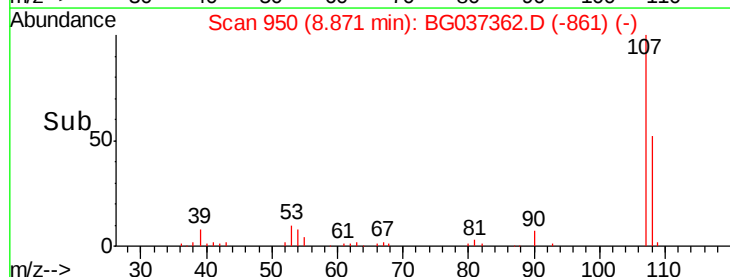
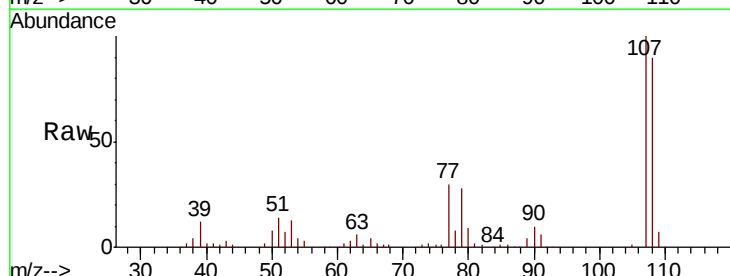
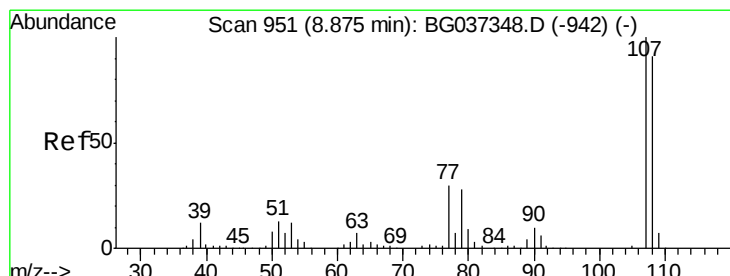
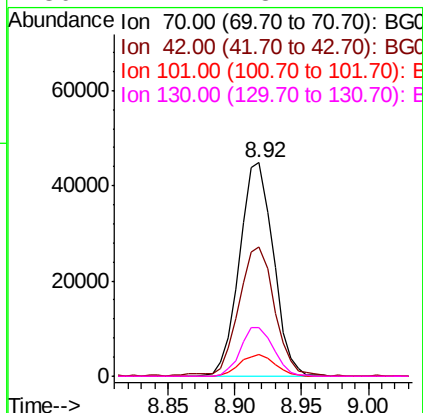




#19
n-Nitroso-di-n-propylamine
Concen: 20.922 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

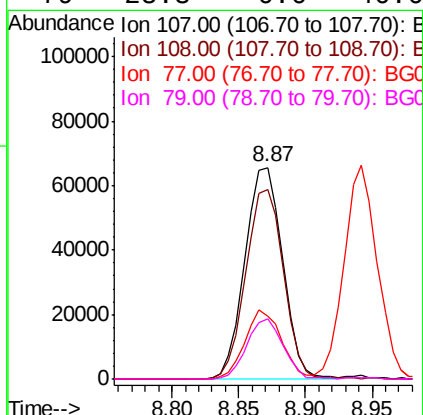
Instrument :
BNA_G
ClientSampleId :

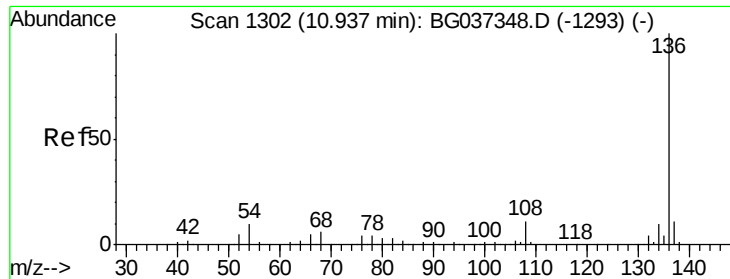
Tot Ion:	70	Resp:	78829
Ion	Ratio	Lower	Upper
70	100		
42	60.4	53.9	80.9
101	10.3	8.2	12.2
130	22.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 26.105 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:	107	Resp:	128130
Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.9	109.9
77	29.6	11.2	51.2
79	28.3	6.6	46.6

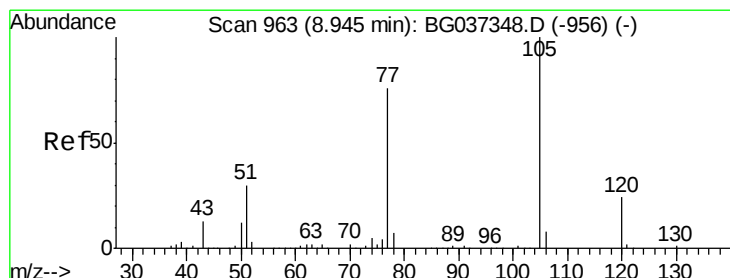
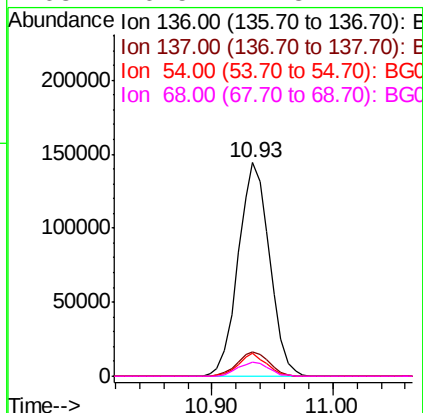
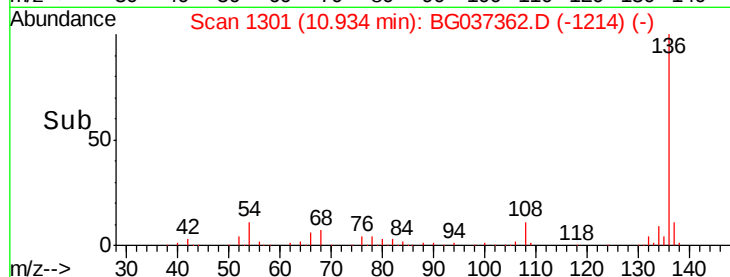
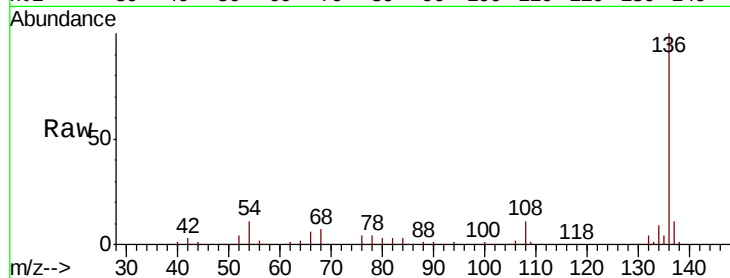




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

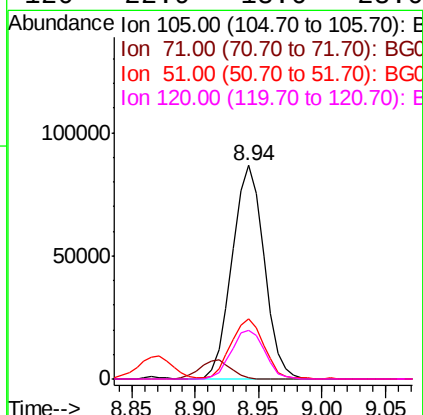
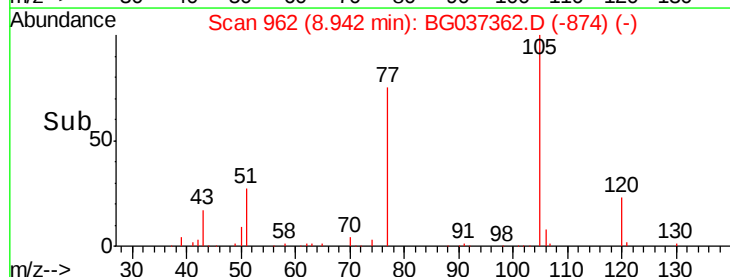
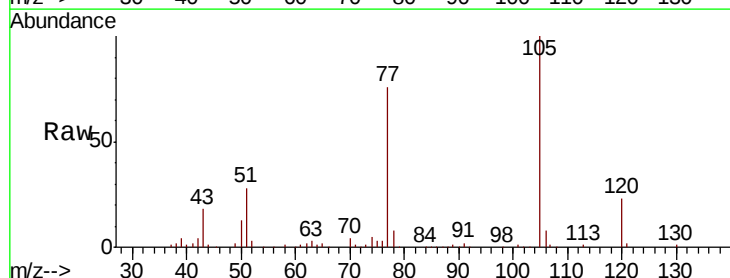
Instrument :
BNA_G
ClientSampleId :

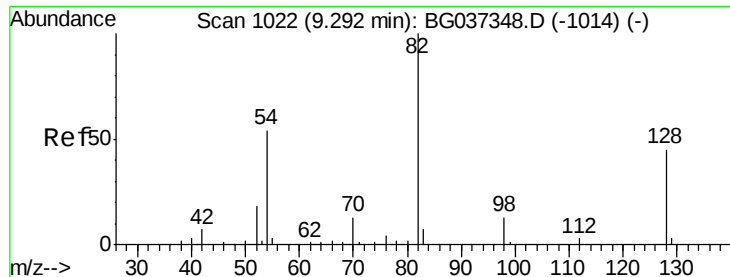
Tot Ion:136	Resp:	260031
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.6 14.4
54	10.5	7.9 11.9
68	6.5	4.8 7.2



#22
Acetophenone
Concen: 23.141 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:105	Resp:	151683
Ion Ratio	Lower	Upper
105	100	
71	0.7	1.2 1.8#
51	28.3	25.0 37.6
120	22.9	18.6 28.0

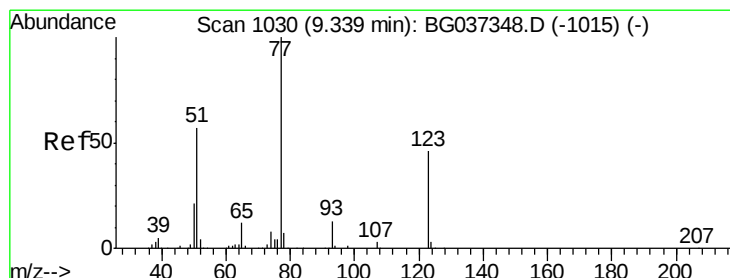
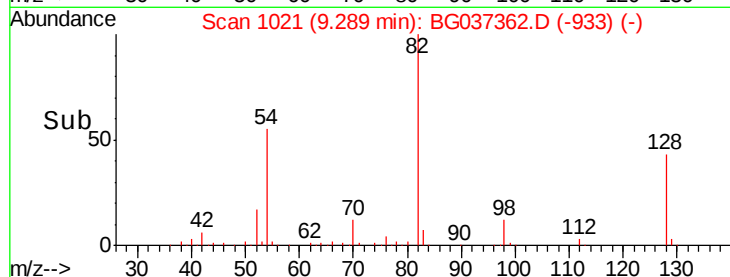
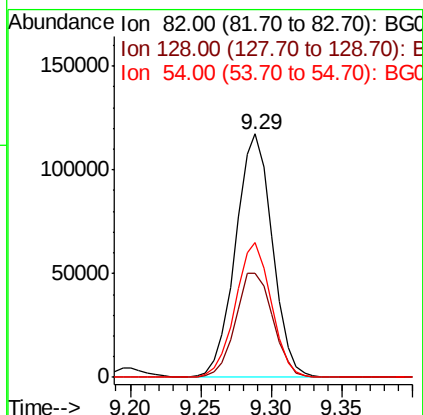
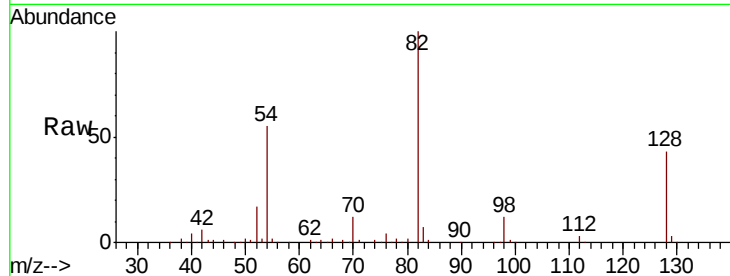




#23
 Nitrobenzene-d5
 Concen: 54.063 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

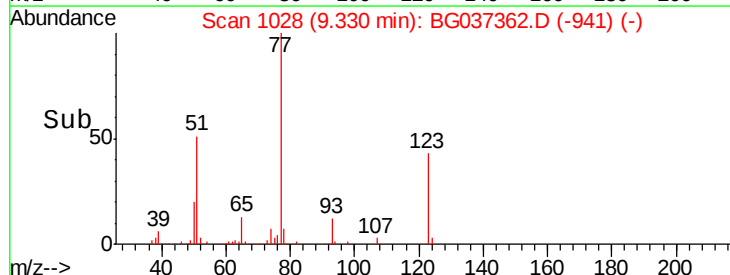
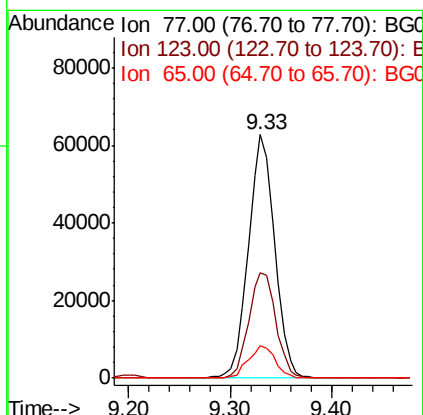
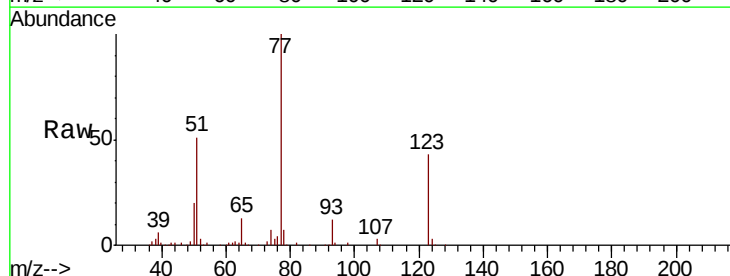
Instrument :
 BNA_G
 ClientSampleId :

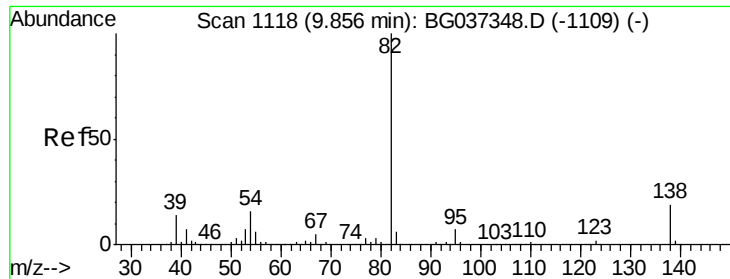
Tot Ion	82	Resp	213828
Ion Ratio	100	Lower	Upper
128	42.8	34.6	51.8
54	55.2	45.3	67.9



#24
 Nitrobenzene
 Concen: 26.603 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion	77	Resp	112696
Ion Ratio	100	Lower	Upper
123	43.4	33.6	50.4
65	13.4	11.3	16.9





#25

Isophorone

Concen: 25.130 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

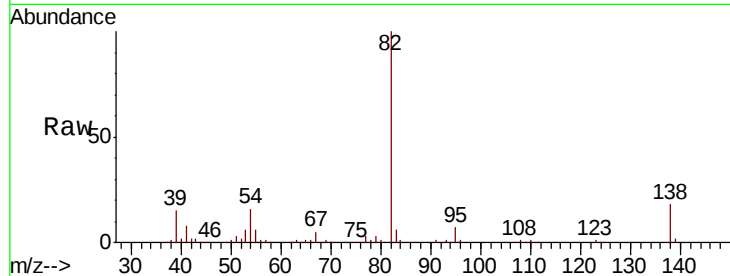
Tot Ion: 82 Resp: 226896

Ion Ratio Lower Upper

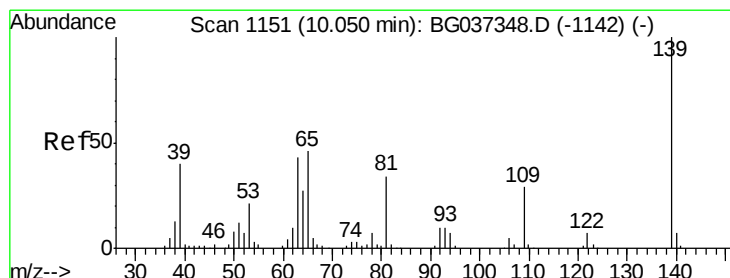
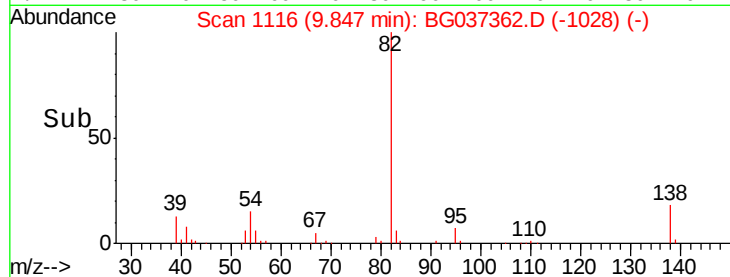
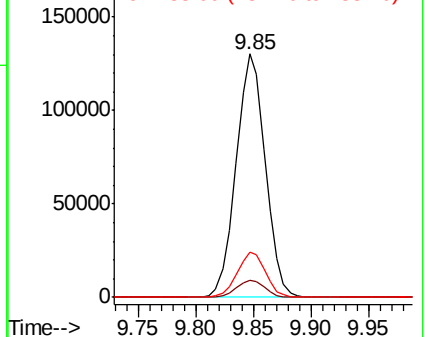
82 100

95 6.9 5.3 7.9

138 18.4 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 32.498 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

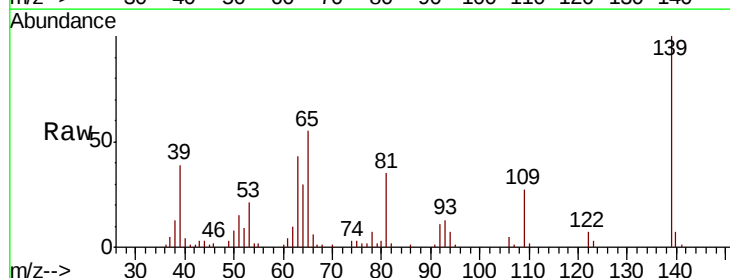
Tgt Ion: 139 Resp: 45860

Ion Ratio Lower Upper

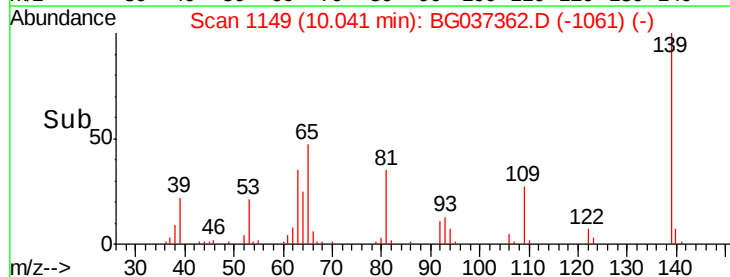
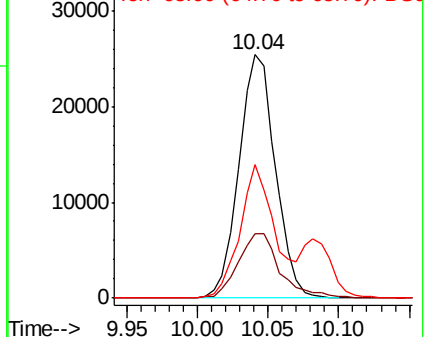
139 100

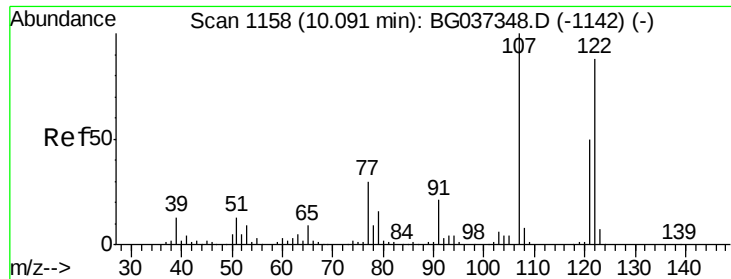
109 26.6 23.3 34.9

65 54.6 39.8 59.8



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

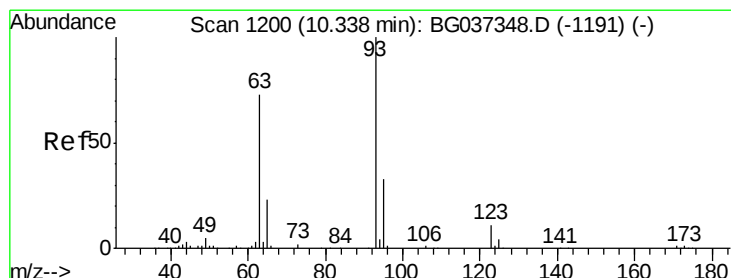
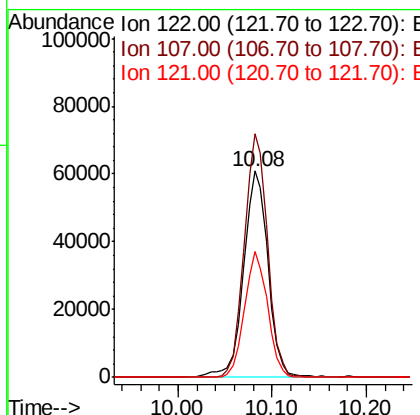
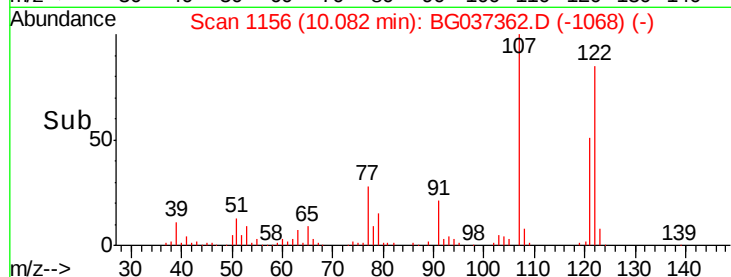
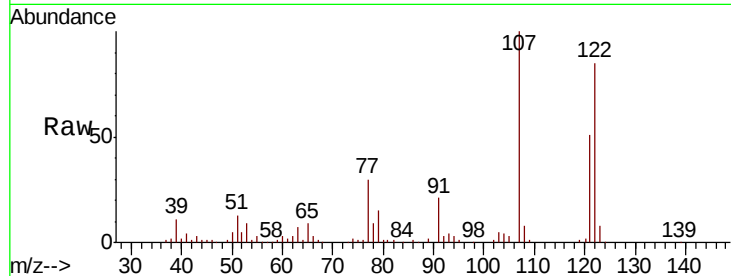




#27
2,4-Dimethylphenol
Concen: 28.991 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

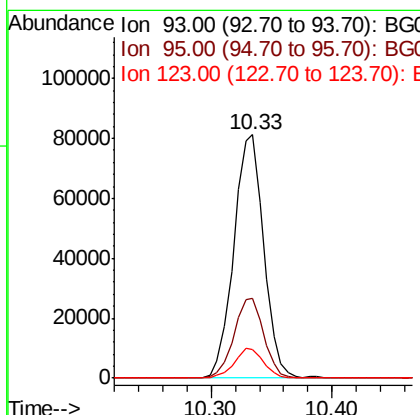
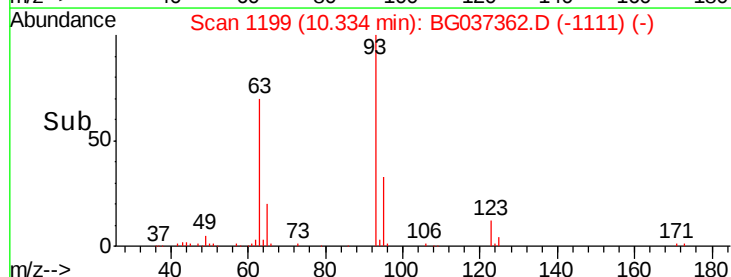
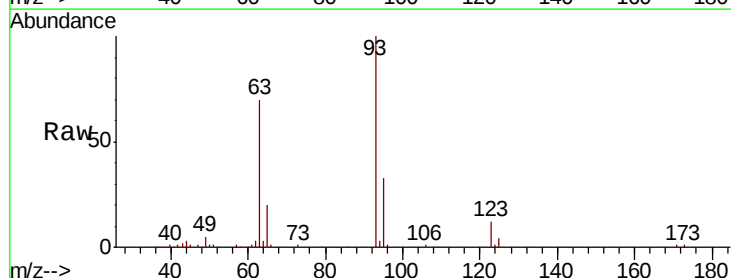
Instrument :
BNA_G
ClientSampled :

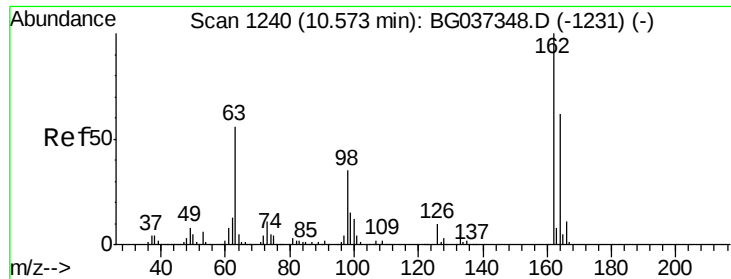
Tot Ion:122 Resp: 109410
Ion Ratio Lower Upper
122 100
107 118.0 94.2 141.2
121 60.7 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 24.809 ng
RT: 10.33 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion: 93 Resp: 140147
Ion Ratio Lower Upper
93 100
95 32.9 24.6 37.0
123 11.7 9.1 13.7

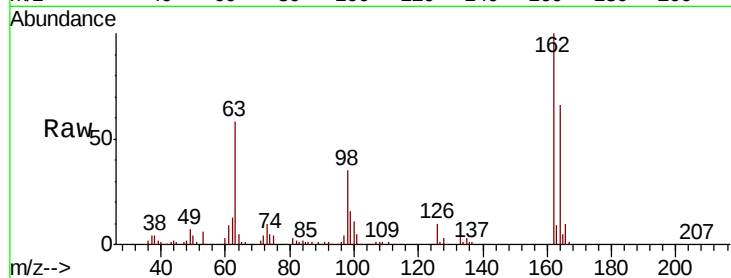




#29
 2,4-Dichlorophenol
 Concen: 27.841 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.2	83.2
98	35.5	16.0	56.0

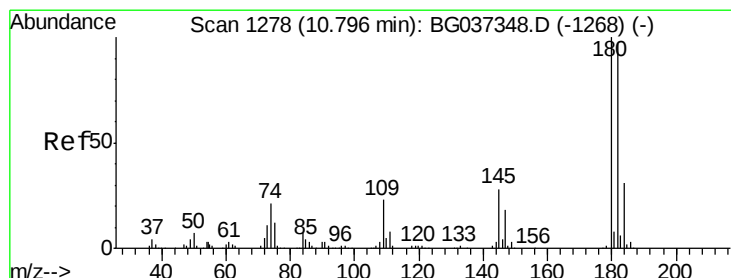
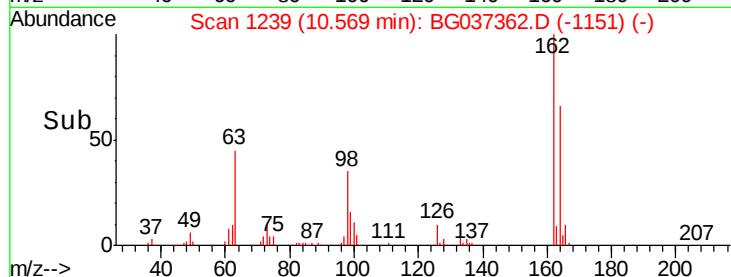
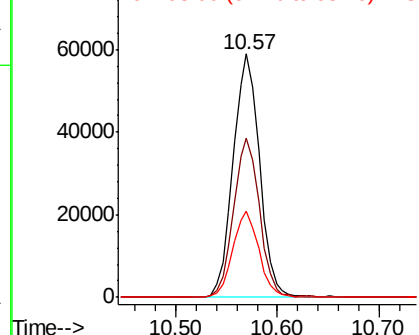


Abundance

Ion 162.00 (161.70 to 162.70): E

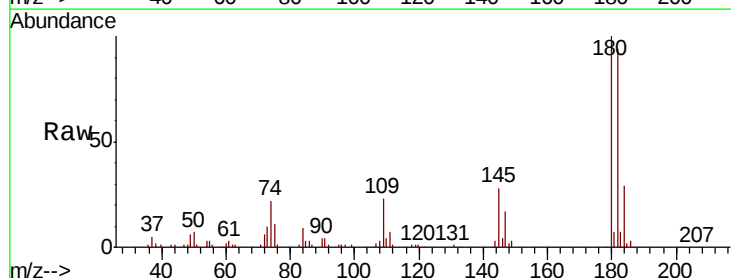
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 22.778 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.7	116.5
145	27.9	23.3	34.9

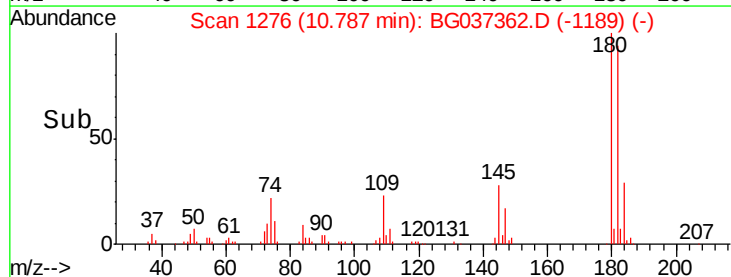
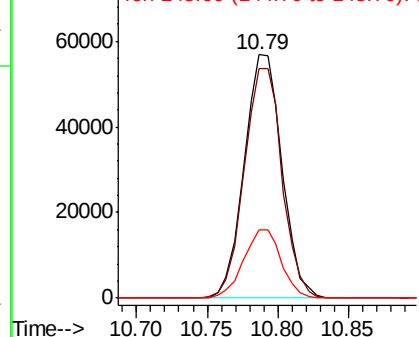


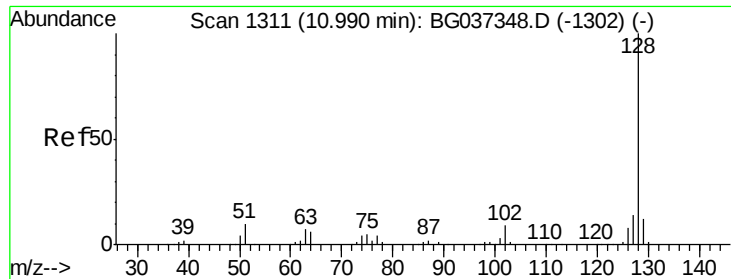
Abundance

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

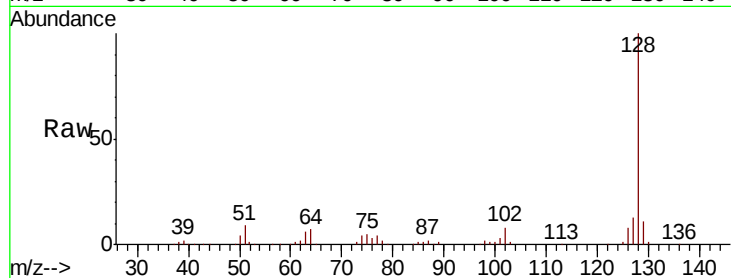




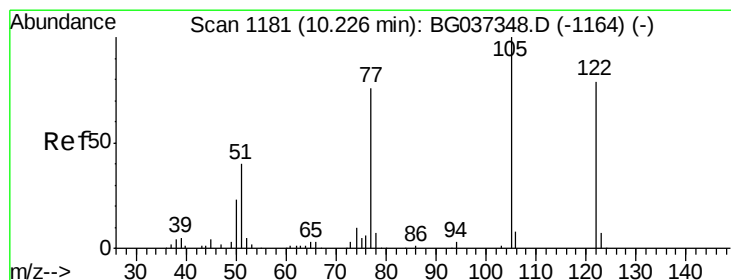
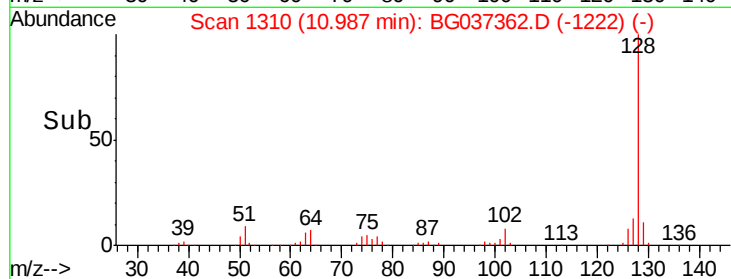
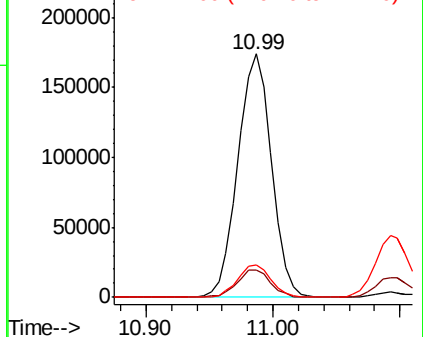
#31
Naphthalene
Concen: 25.259 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 319208
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 11.1 16.7

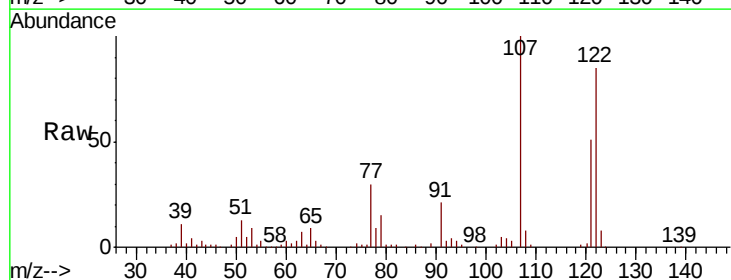


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

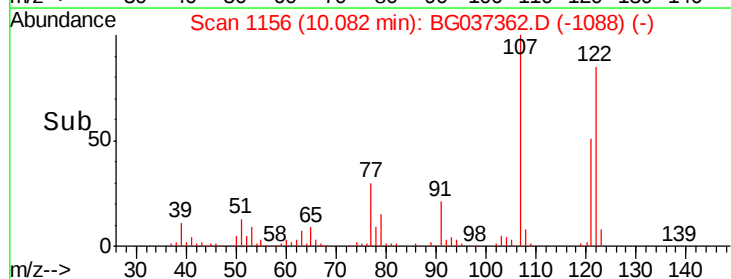
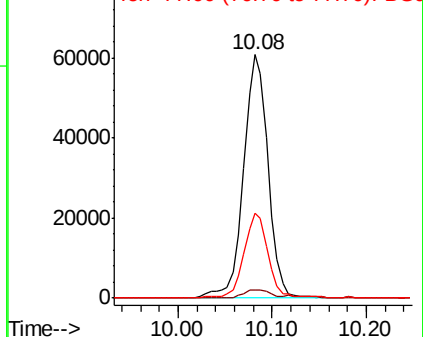


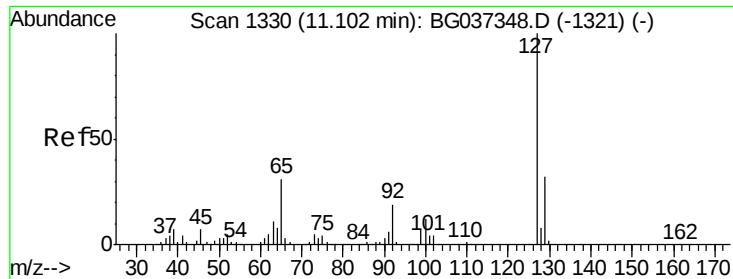
#32
Benzoic acid
Concen: 52.503 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.13 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:122 Resp: 109410
Ion Ratio Lower Upper
122 100
105 3.3 106.7 146.7#
77 35.1 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

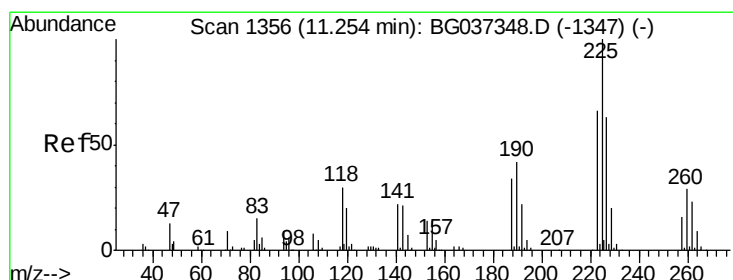
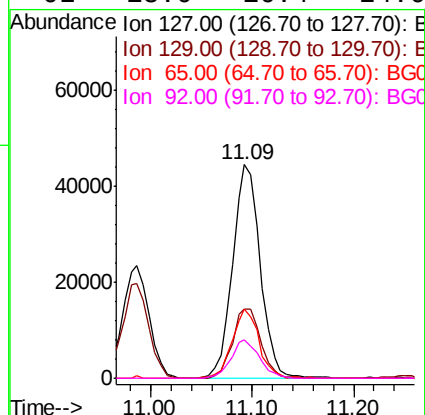
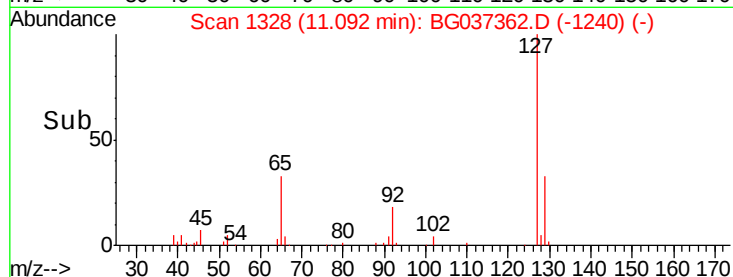
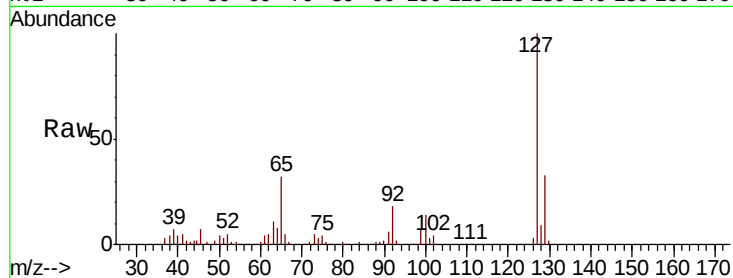




#33
4-Chloroaniline
Concen: 14.152 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

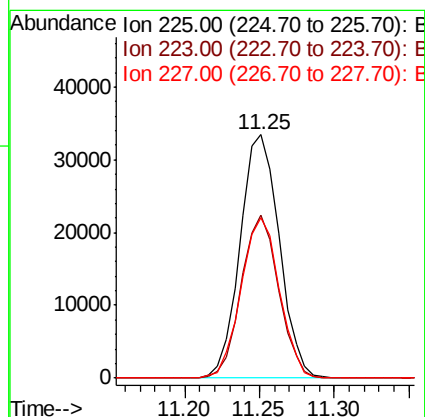
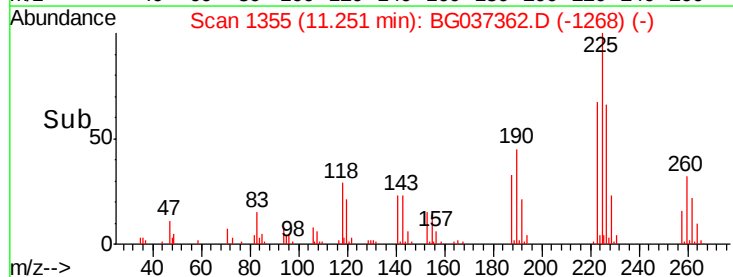
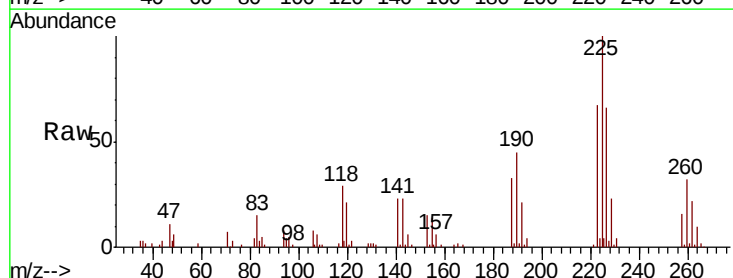
Instrument :
BNA_G
ClientSampleId :

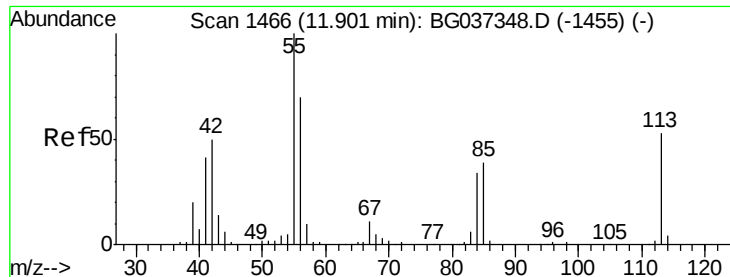
Tot Ion:	127	Resp:	83895
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.1	40.7
65	32.5	26.6	39.8
92	18.0	16.4	24.6



#34
Hexachlorobutadiene
Concen: 20.978 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:	225	Resp:	60731
Ion	Ratio	Lower	Upper
225	100		
223	68.1	48.2	72.4
227	65.5	51.6	77.4





#35

Caprolactam

Concen: 21.668 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.03 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

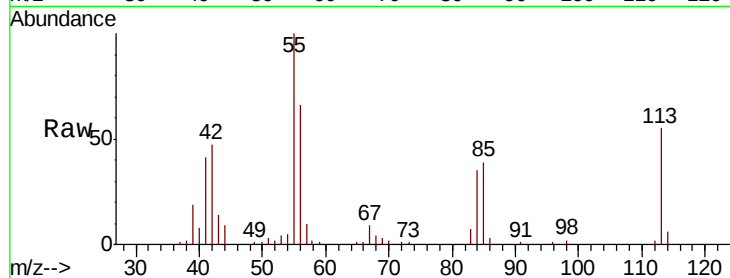
Tot Ion:113 Resp: 33840

Ion Ratio Lower Upper

113 100

55 182.4 176.6 216.6

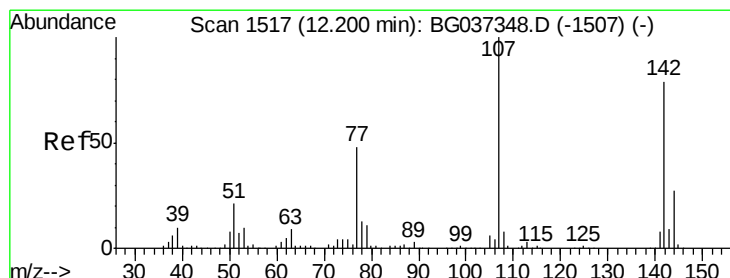
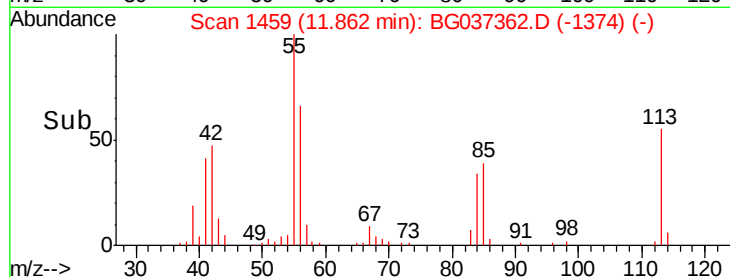
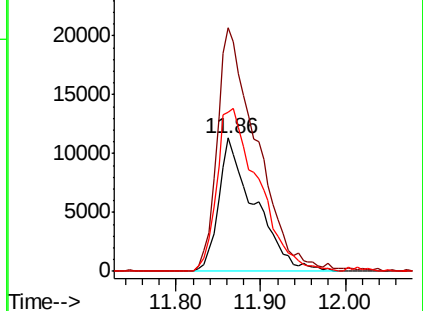
56 119.6 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 26.921 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

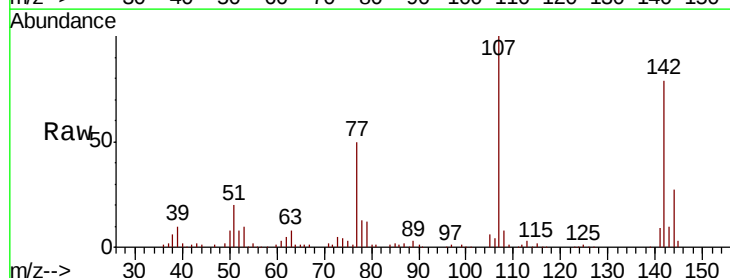
Tgt Ion:107 Resp: 121803

Ion Ratio Lower Upper

107 100

144 26.6 20.7 31.1

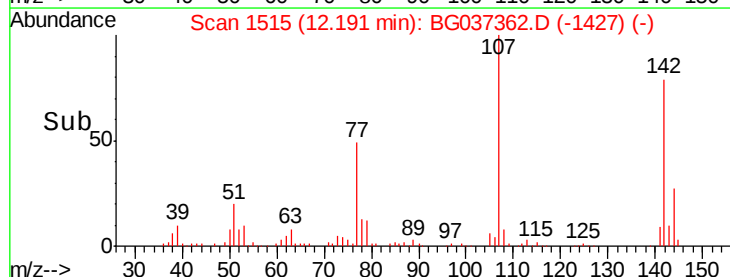
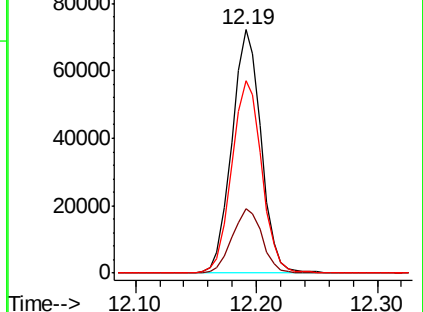
142 78.8 64.4 96.6

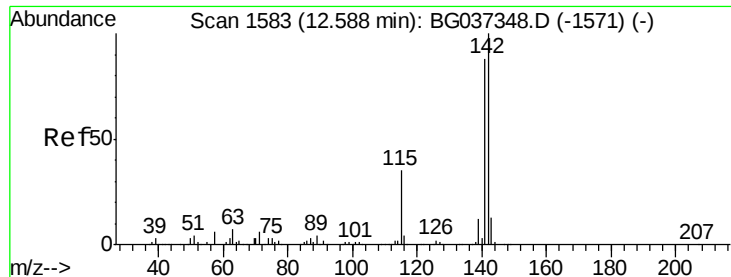


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

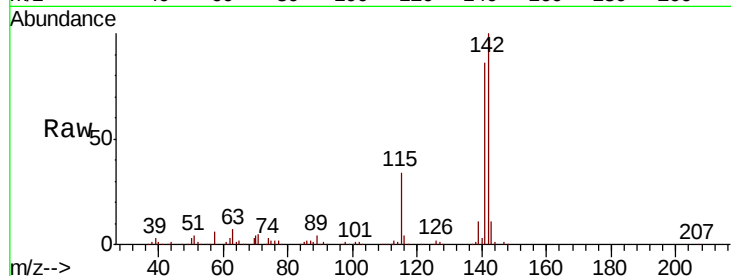




#37
2-Methylnaphthalene
Concen: 26.878 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.9	107.9
115	33.7	27.8	41.8

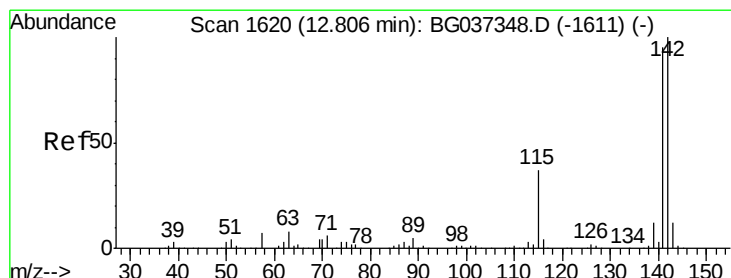
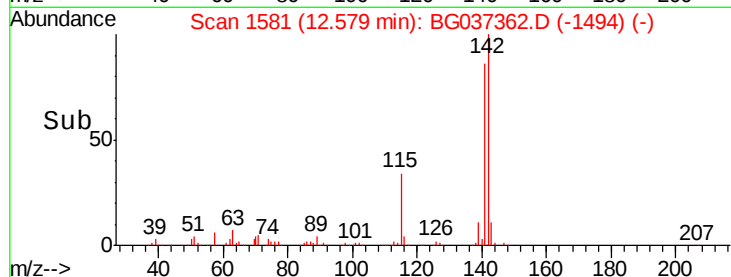
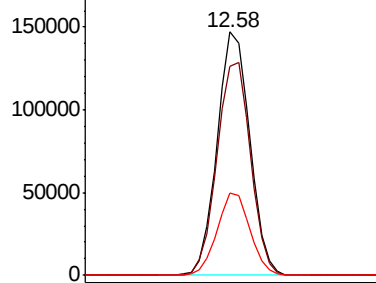


Abundance

Ion 142.00 (141.70 to 142.70): E

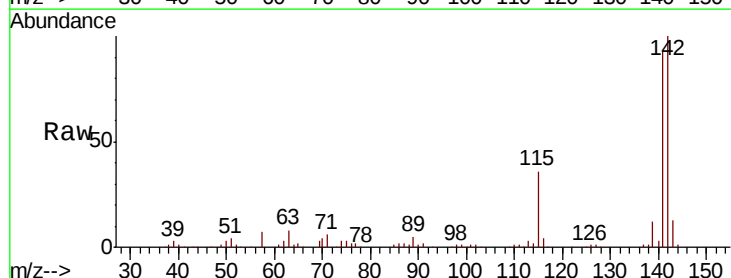
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 26.024 ng
RT: 12.80 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.2	112.8
116	3.6	3.3	4.9

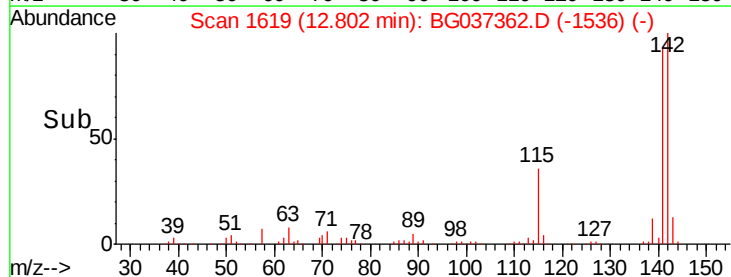
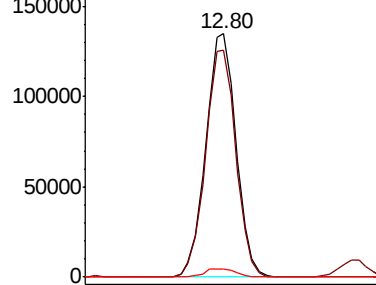


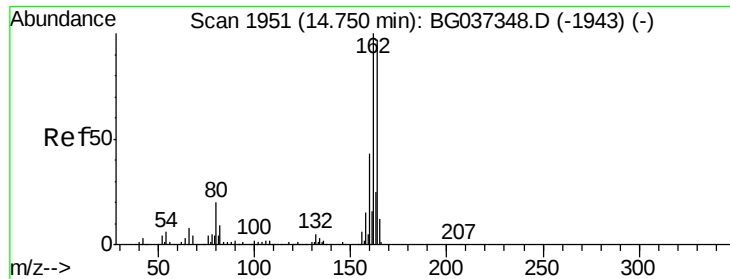
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

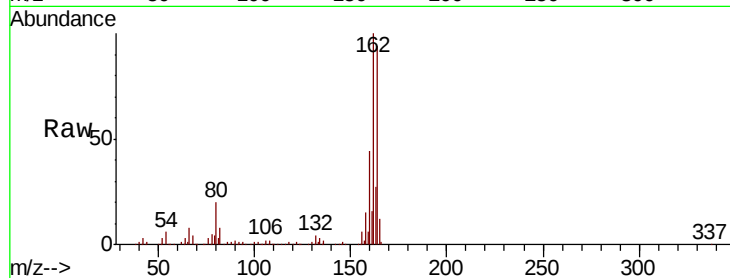
Tot Ion:164 Resp: 175905

Ion Ratio Lower Upper

164 100

162 105.8 81.3 121.9

160 47.0 36.3 54.5

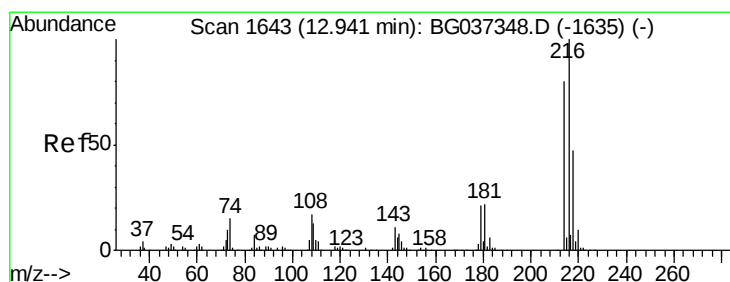
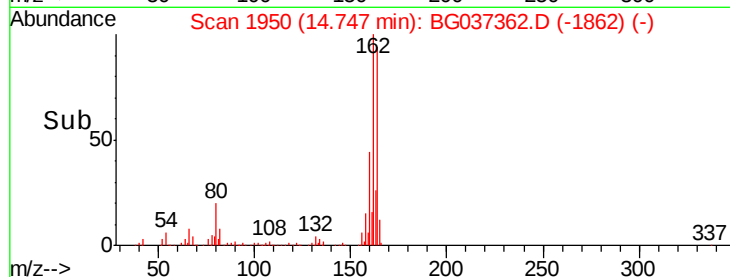
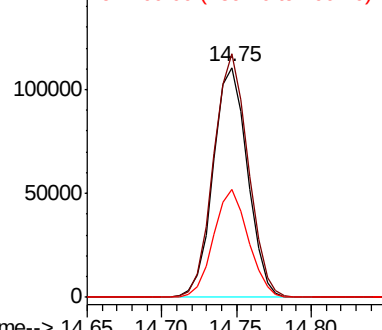


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.019 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Tgt Ion:216 Resp: 125433

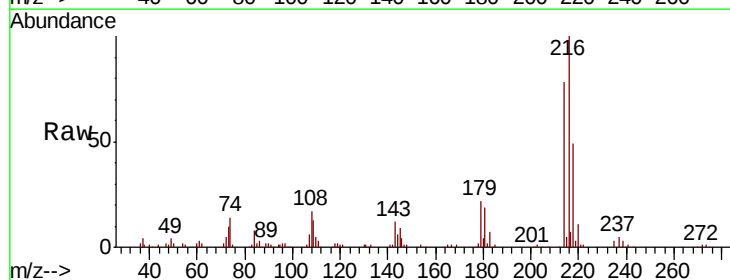
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 21.2 17.4 26.0

108 18.7 13.9 20.9



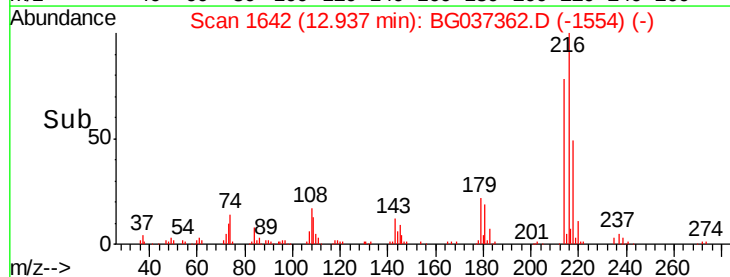
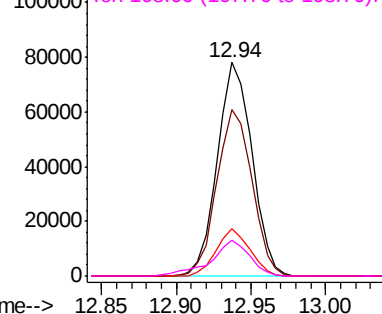
Abundance

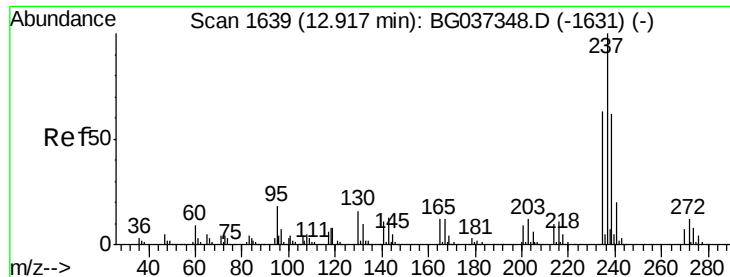
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 54.345 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

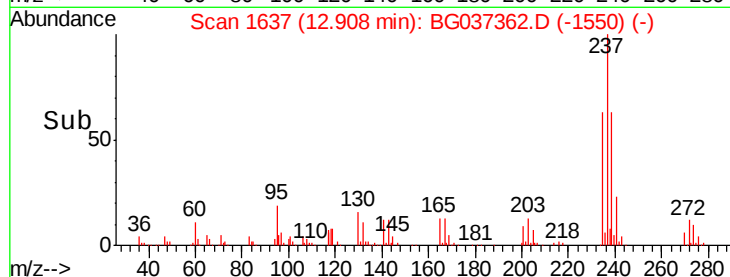
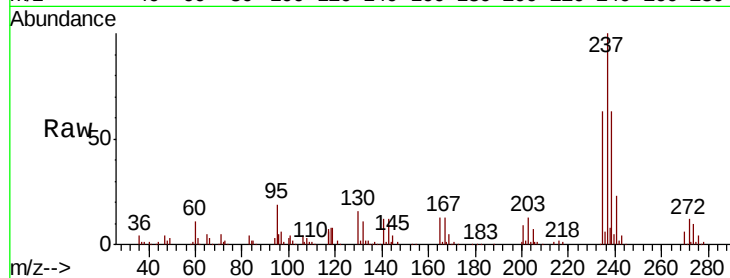
Tot Ion:237 Resp: 127625

Ion Ratio Lower Upper

237 100

235 62.9 42.5 82.5

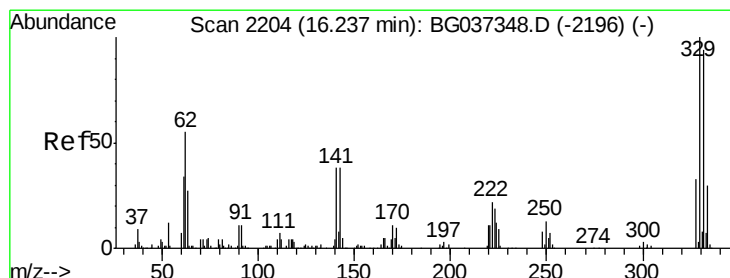
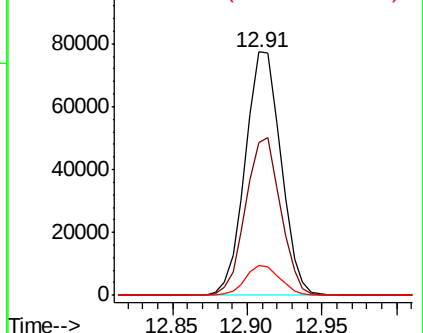
272 12.4 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.854 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

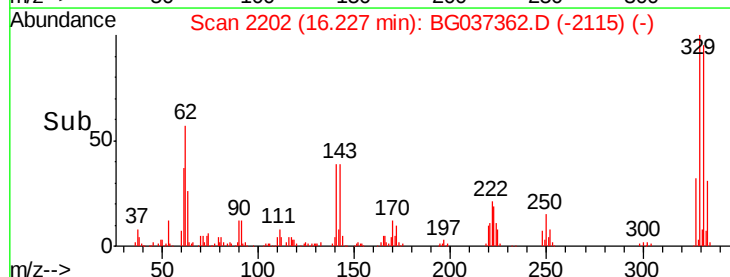
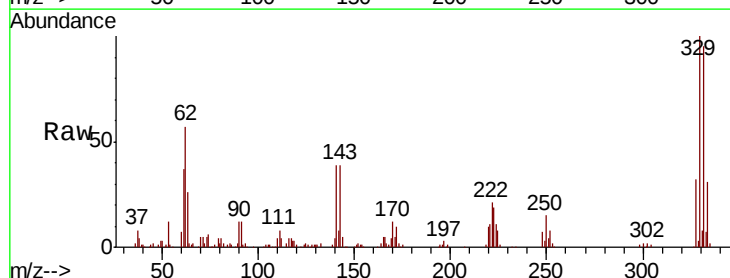
Tgt Ion:330 Resp: 142934

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

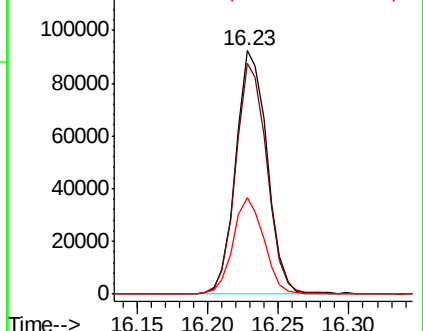
141 38.9 32.2 48.2

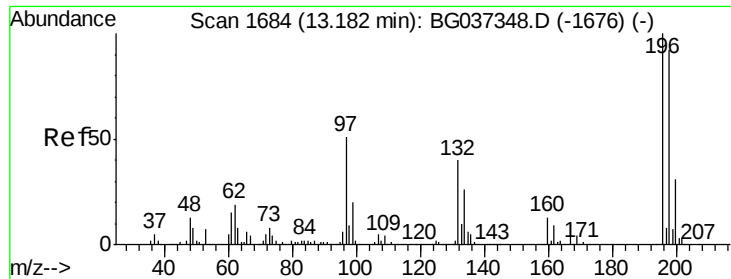


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

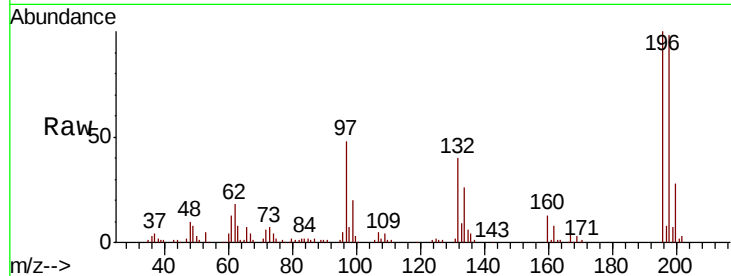




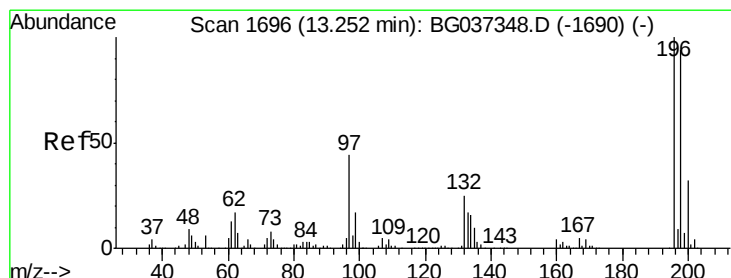
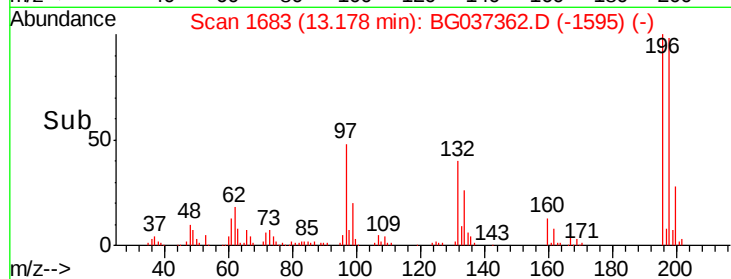
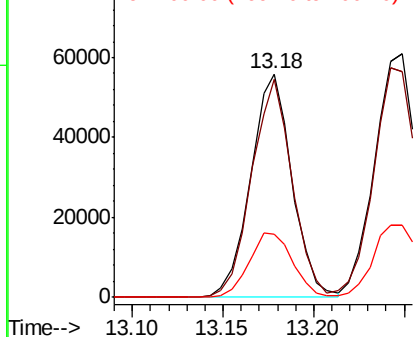
#43
 2,4,6-Trichlorophenol
 Concen: 26.936 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 89015
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.4 114.6
 200 28.4 24.9 37.3

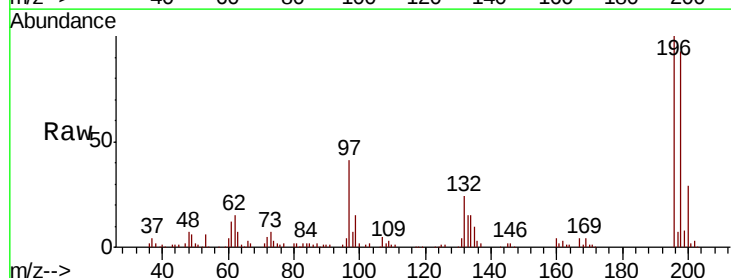


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

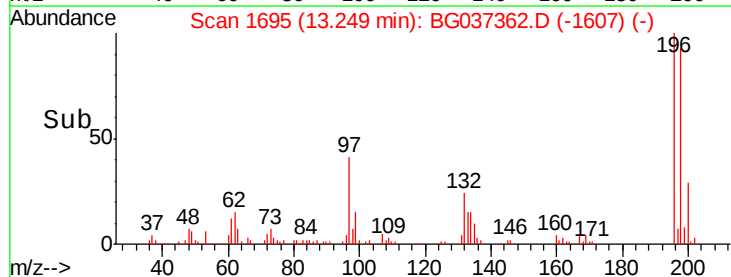
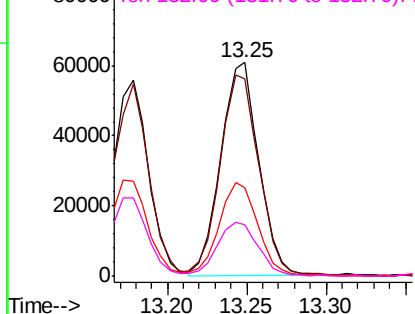


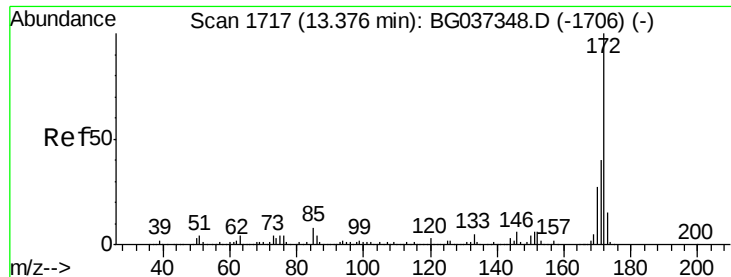
#44
 2,4,5-Trichlorophenol
 Concen: 28.274 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion:196 Resp: 100532
 Ion Ratio Lower Upper
 196 100
 198 92.6 74.2 111.2
 97 41.1 34.1 51.1
 132 23.8 20.2 30.4



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

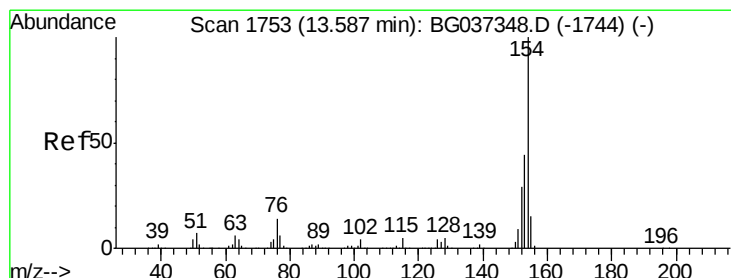
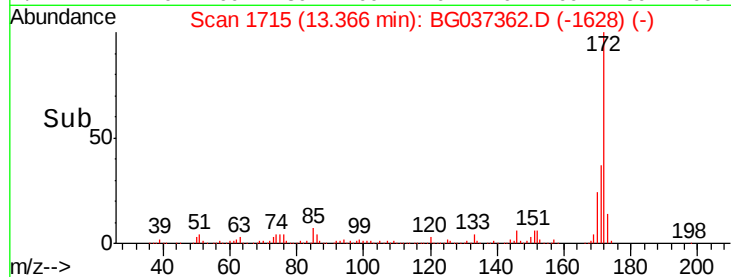
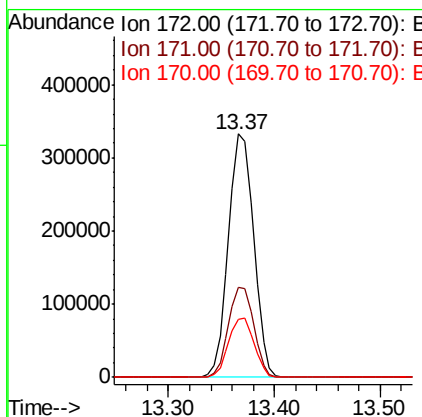
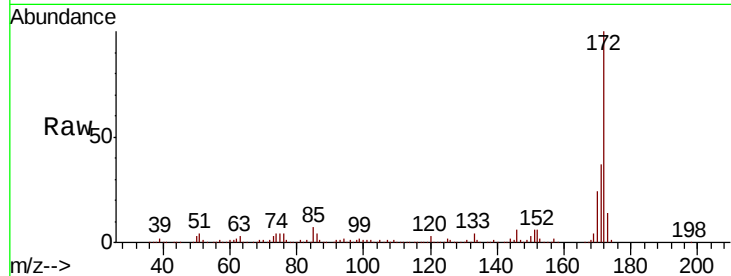




#45
2-Fluorobiphenyl
Concen: 46.947 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

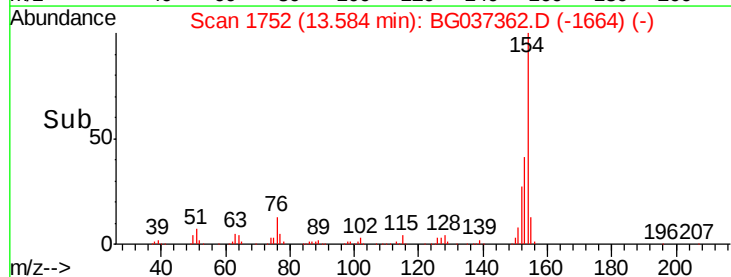
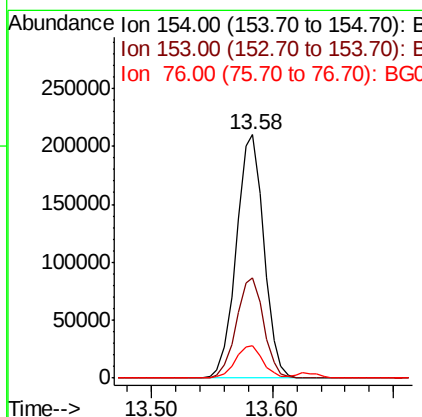
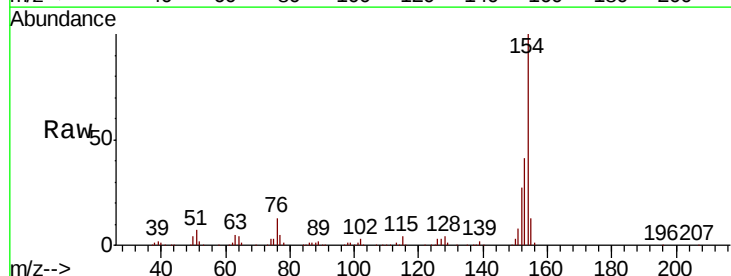
Instrument :
BNA_G
ClientSampleId :

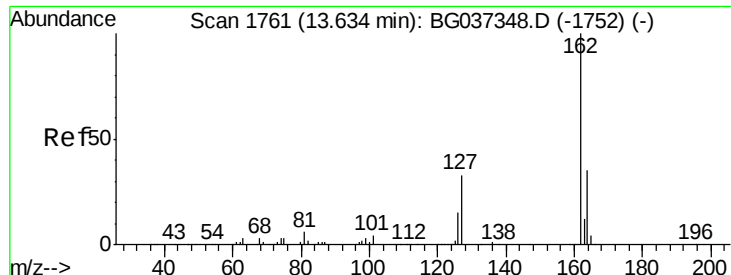
Tot Ion:172 Resp: 549902
Ion Ratio Lower Upper
172 100
171 37.0 31.0 46.4
170 23.7 20.2 30.2



#46
1,1'-Biphenyl
Concen: 23.024 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:154 Resp: 333154
Ion Ratio Lower Upper
154 100
153 41.3 22.1 62.1
76 13.1 0.0 33.2

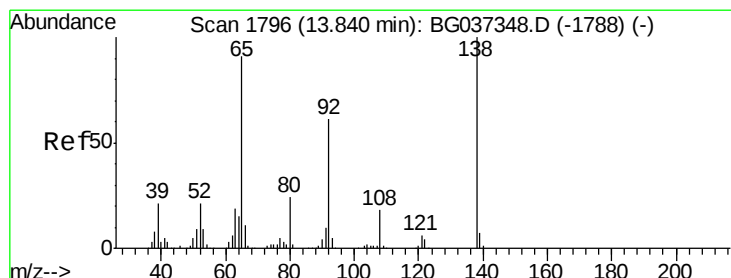
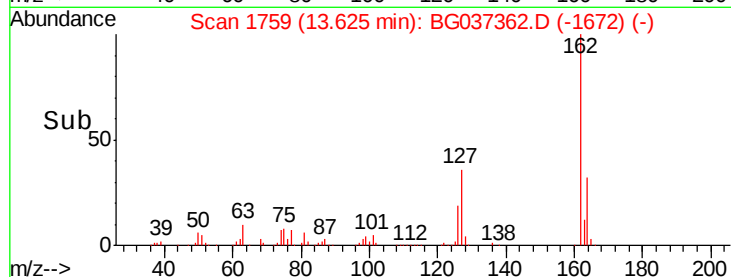
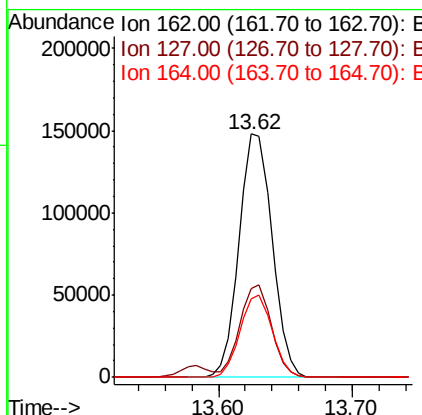
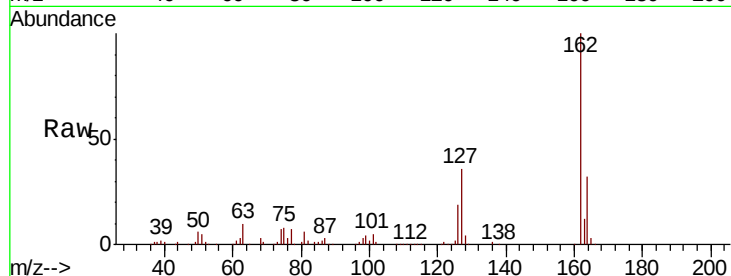




#47
 2-Chloronaphthalene
 Concen: 23.272 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

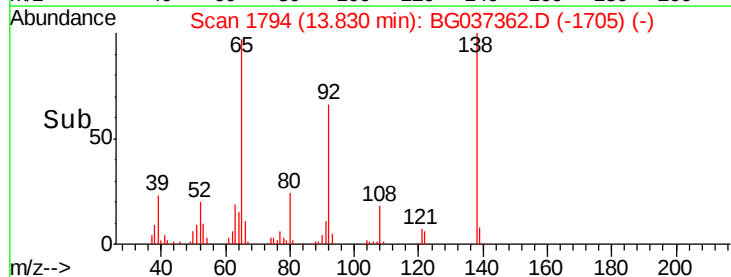
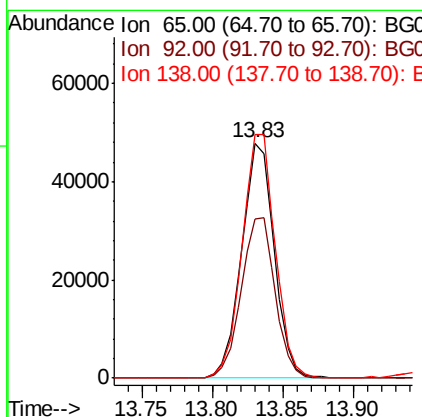
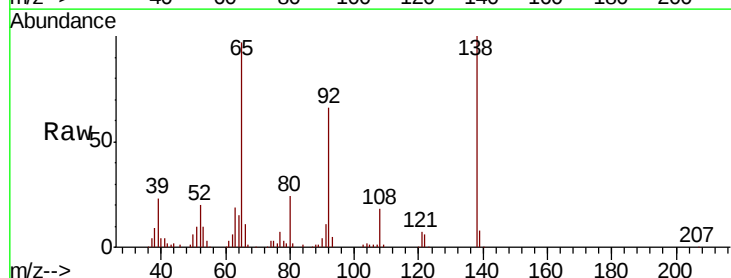
Instrument :
 BNA_G
 ClientSampleId :

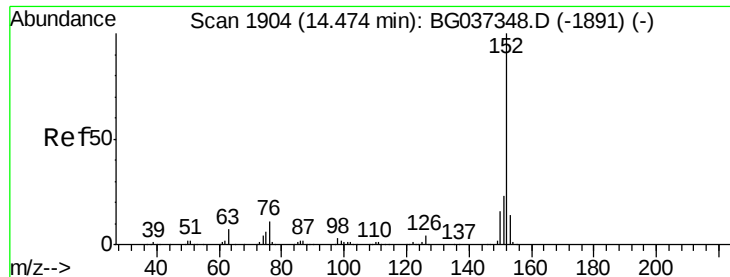
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.5	45.7
164	32.4	26.4	39.6



#48
 2-Nitroaniline
 Concen: 28.766 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.2	79.8
138	103.6	79.3	118.9





#49

Acenaphthylene

Concen: 25.735 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

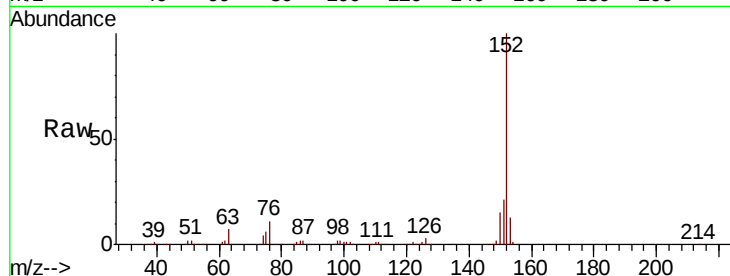
Tot Ion:152 Resp: 430294

Ion Ratio Lower Upper

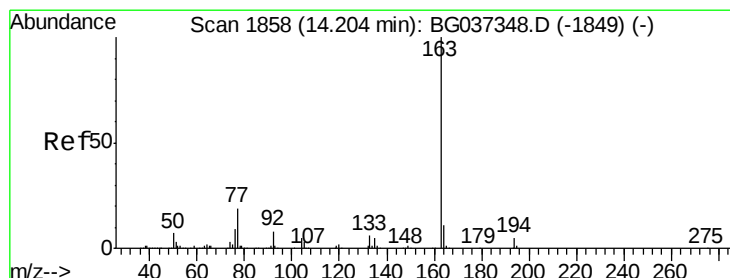
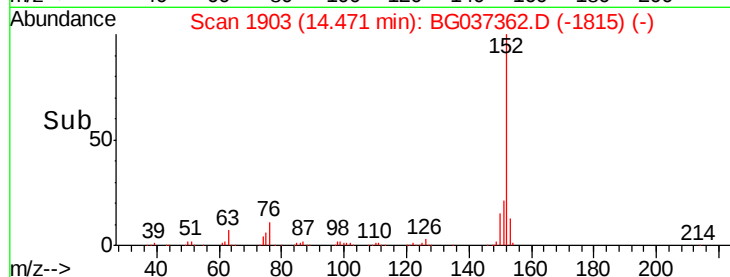
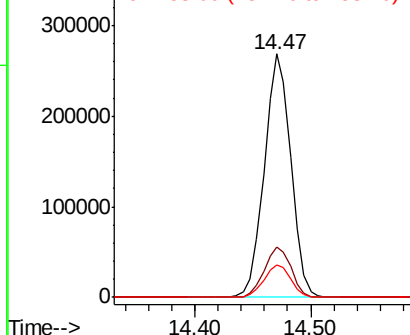
152 100

151 20.8 17.1 25.7

153 13.4 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 28.392 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

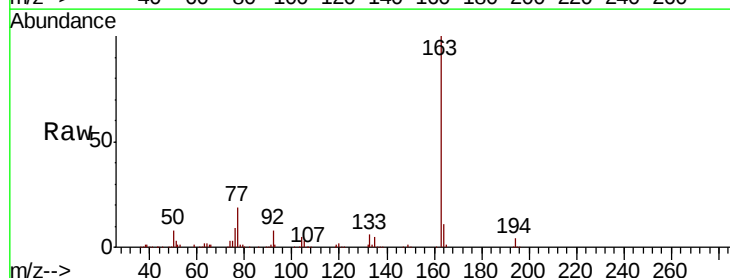
Tgt Ion:163 Resp: 392494

Ion Ratio Lower Upper

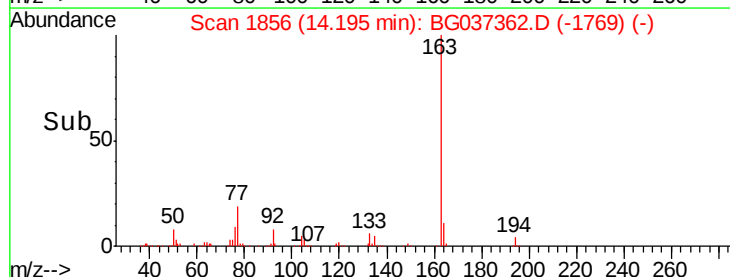
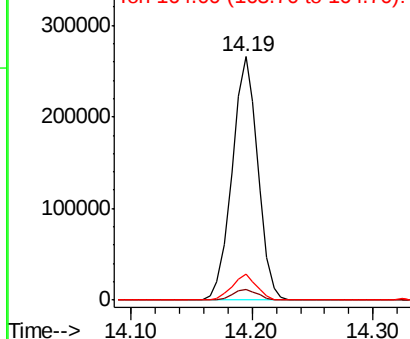
163 100

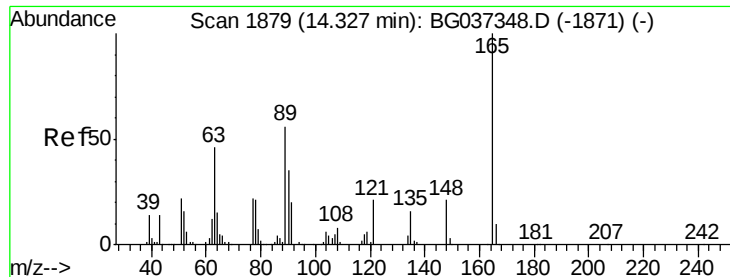
194 4.4 3.5 5.3

164 10.6 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: 28.774 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

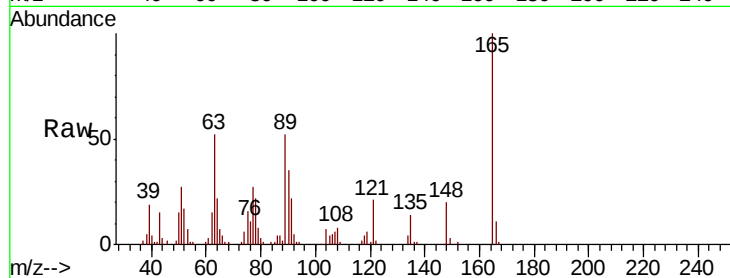
Tot Ion:165 Resp: 71513

Ion Ratio Lower Upper

165 100

63 52.0 43.4 65.2

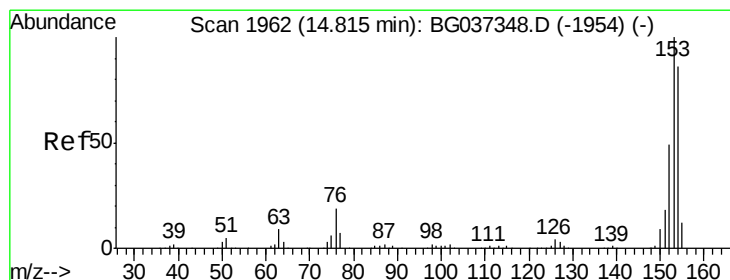
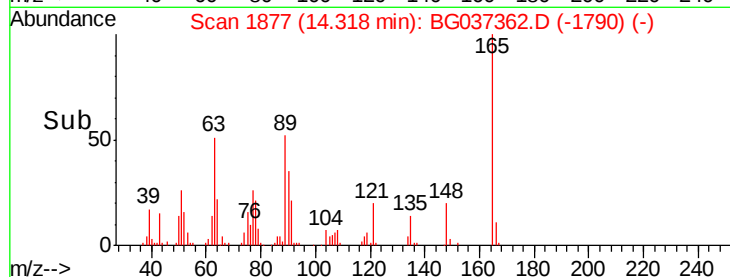
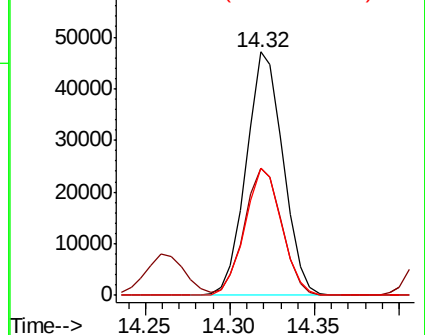
89 52.0 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 24.135 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

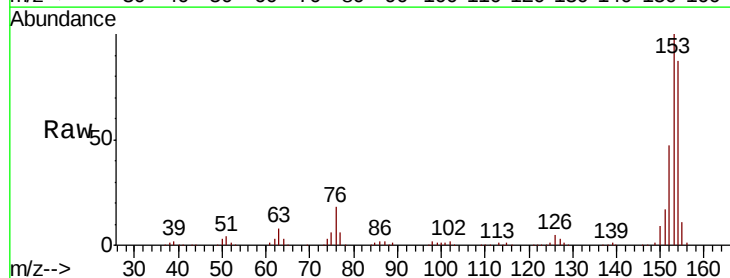
Tgt Ion:154 Resp: 249266

Ion Ratio Lower Upper

154 100

153 115.3 93.4 140.0

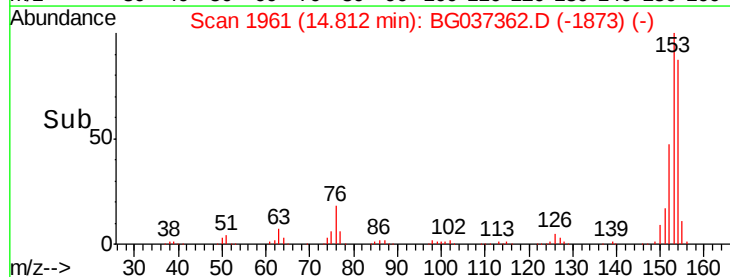
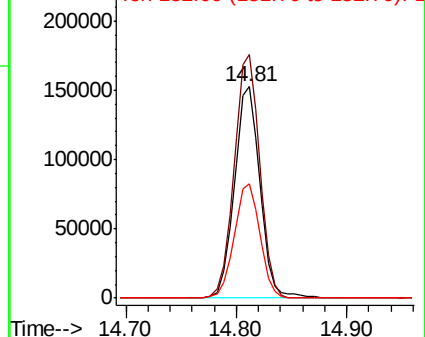
152 53.9 44.7 67.1

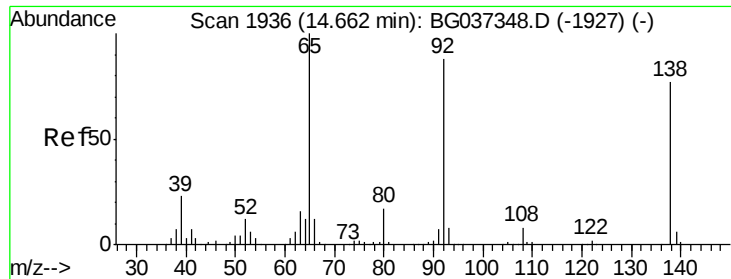


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.754 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

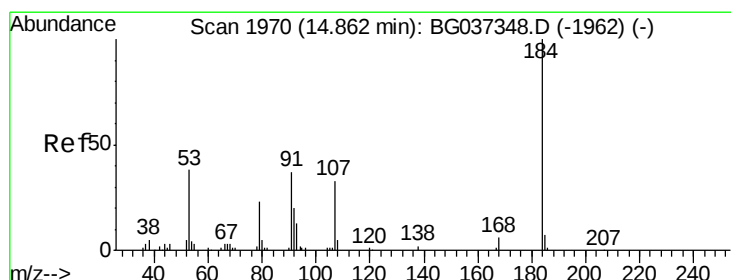
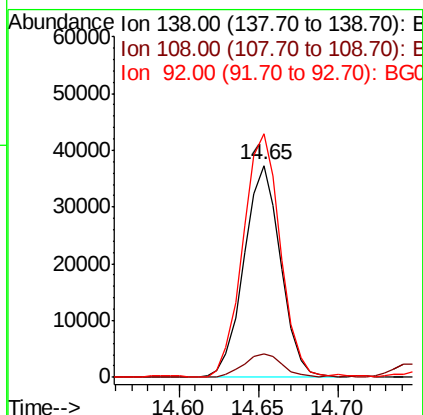
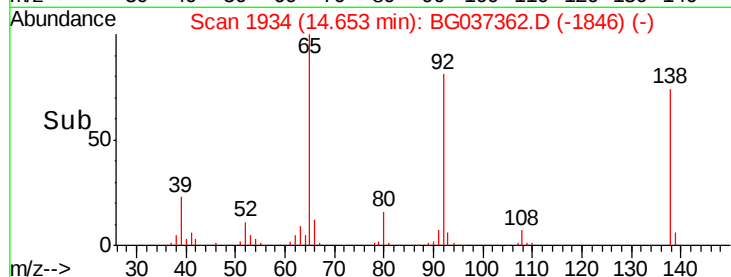
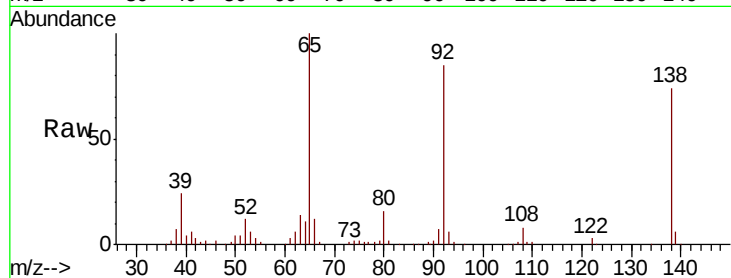
Tot Ion:138 Resp: 60027

Ion Ratio Lower Upper

138 100

108 11.2 11.0 16.6

92 114.8 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 14.416 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

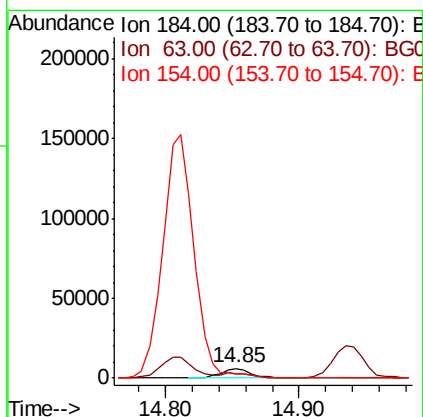
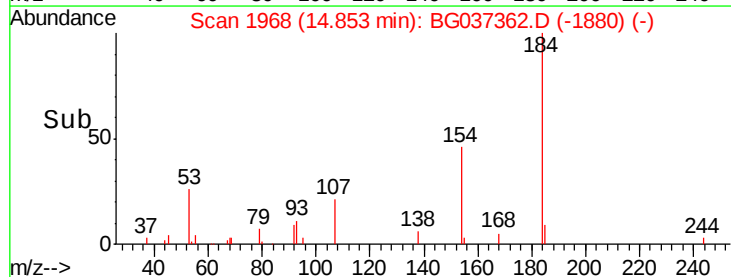
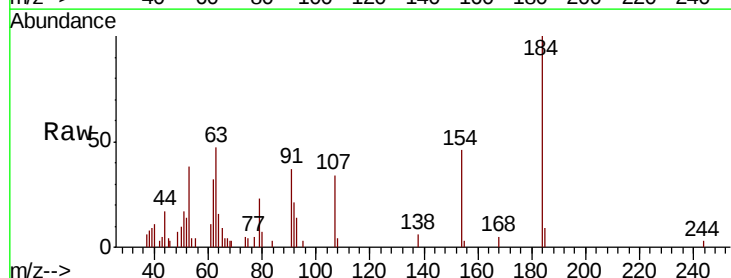
Tgt Ion:184 Resp: 9972

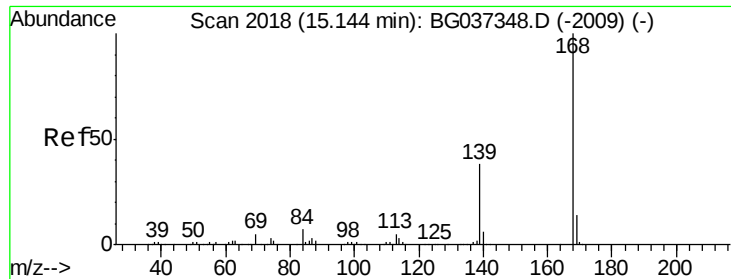
Ion Ratio Lower Upper

184 100

63 46.6 42.6 63.8

154 46.1 41.8 62.6

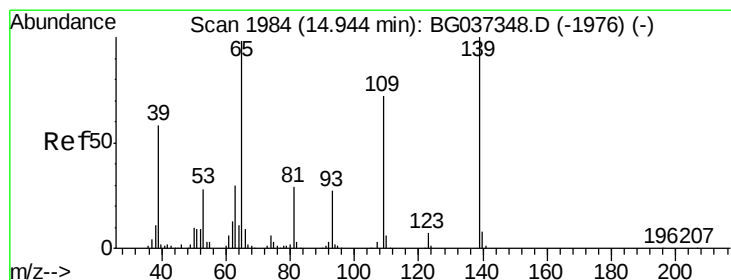
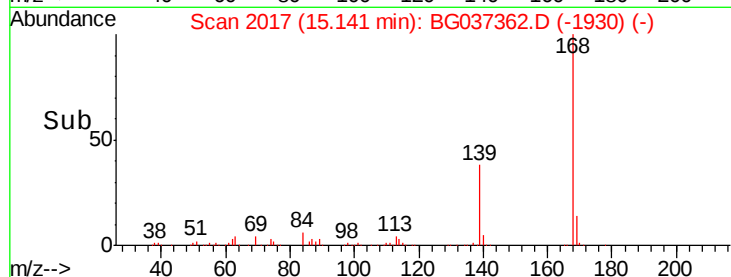
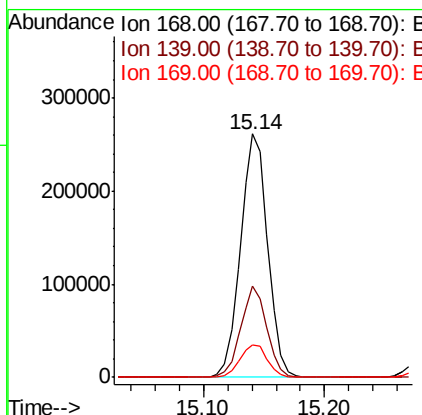
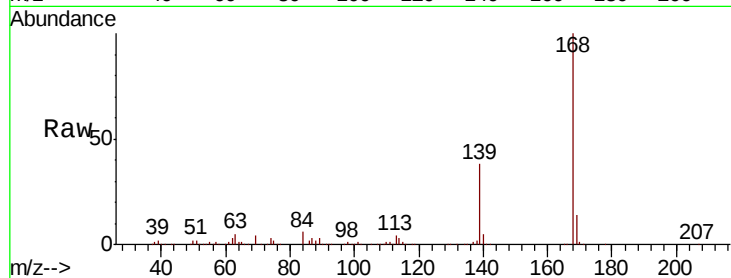




#55
Dibenzofuran
Concen: 24.251 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

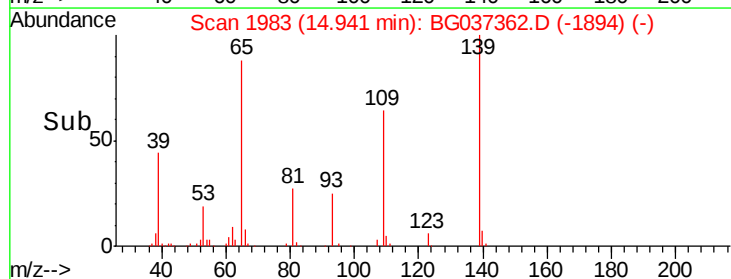
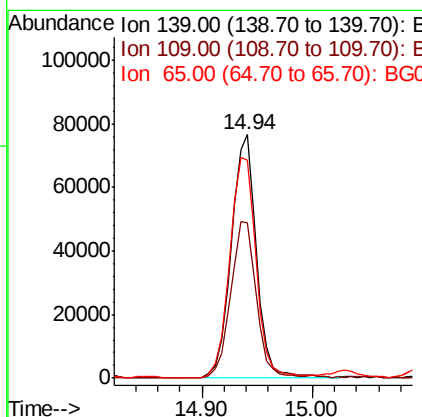
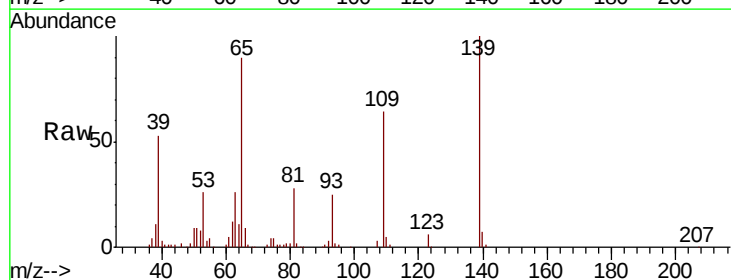
Instrument :
BNA_G
ClientSampleId :

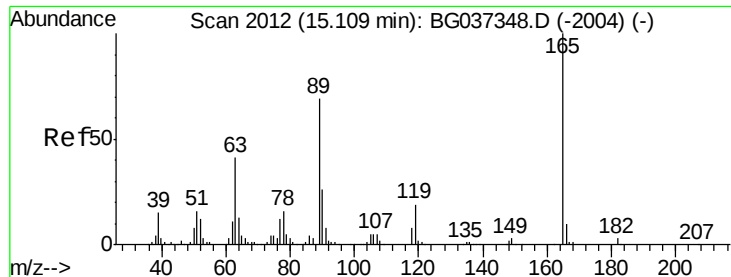
Tot Ion:168 Resp: 406404
Ion Ratio Lower Upper
168 100
139 37.6 29.4 44.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 54.429 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:139 Resp: 122714
Ion Ratio Lower Upper
139 100
109 64.0 49.5 89.5
65 89.8 76.8 116.8

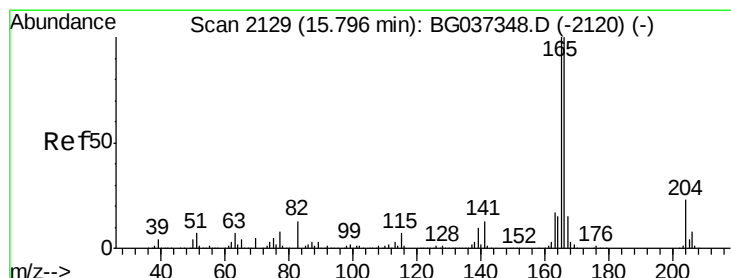
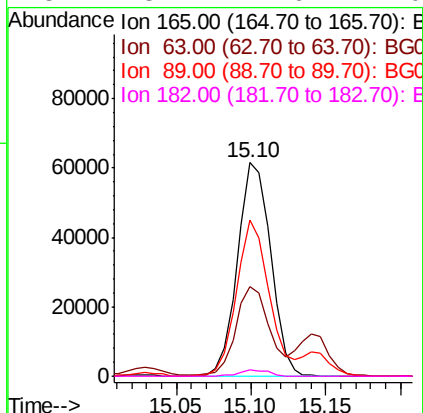
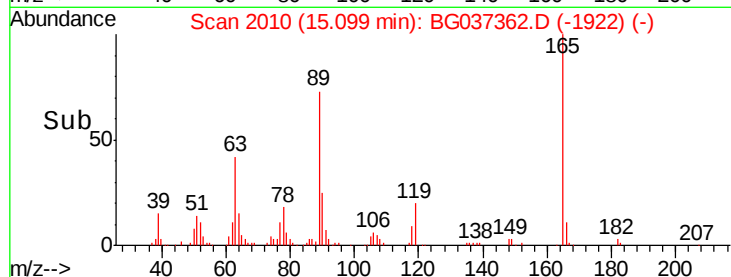
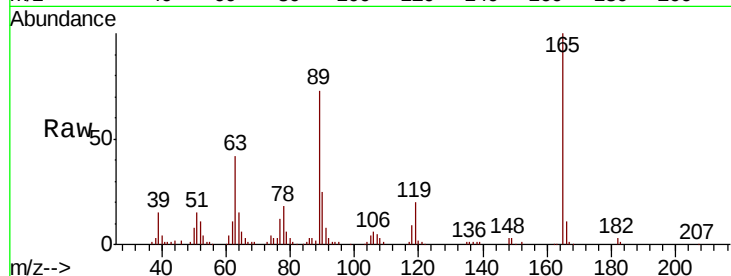




#57
2,4-Dinitrotoluene
Concen: 30.215 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

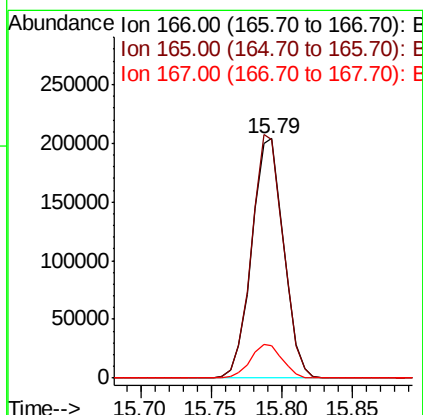
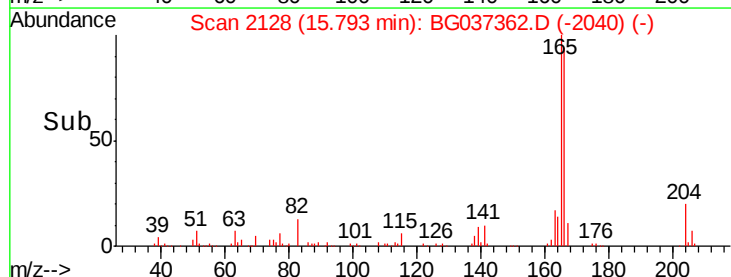
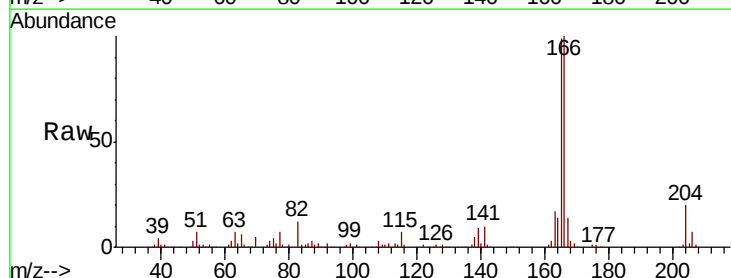
Instrument :
BNA_G
ClientSampleId :

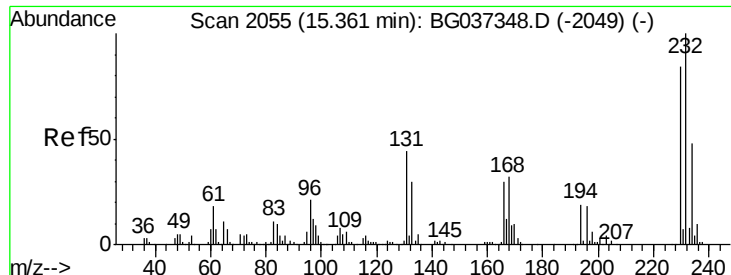
Tot Ion:165 Resp: 95134
Ion Ratio Lower Upper
165 100
63 42.0 33.4 50.0
89 73.1 57.2 85.8
182 3.2 2.6 4.0



#58
Fluorene
Concen: 25.582 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:166 Resp: 324232
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 13.6 11.3 16.9

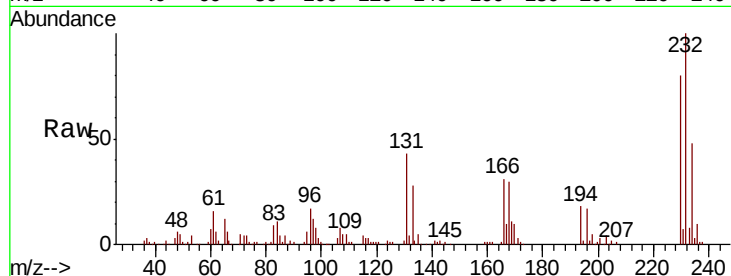




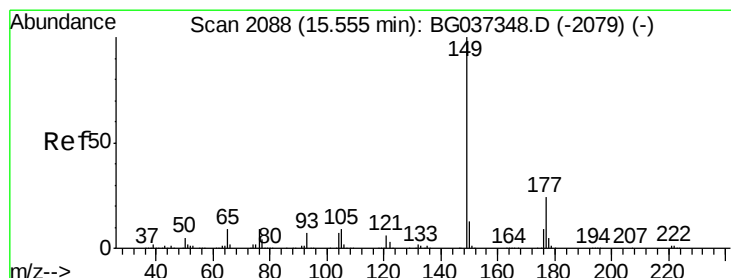
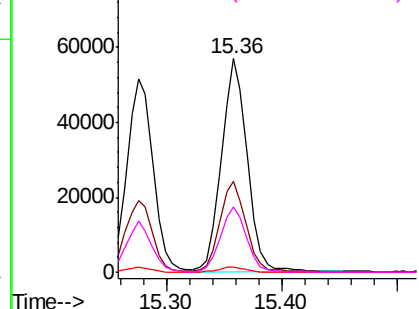
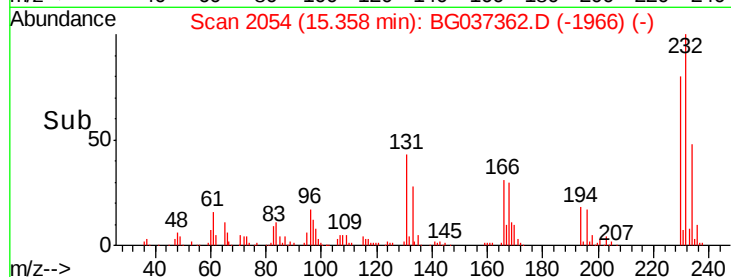
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 27.763 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	87398
Ion	Ratio	Lower	Upper
232	100		
131	44.1	33.7	50.5
130	2.5	2.1	3.1
166	31.1	24.6	36.8

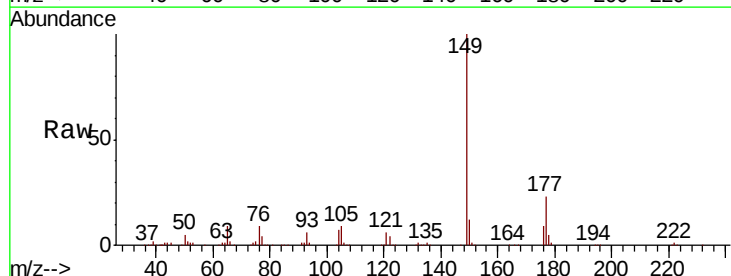


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

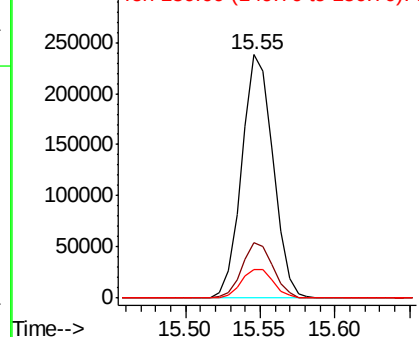
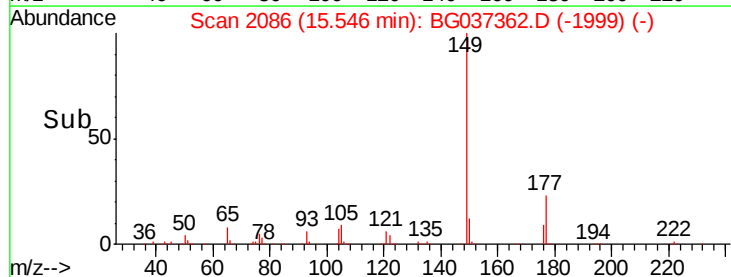


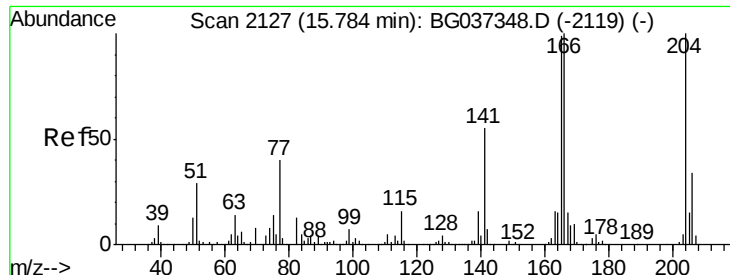
#60
 Diethylphthalate
 Concen: 24.168 ng
 RT: 15.55 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion:	149	Resp:	346245
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	12.0	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

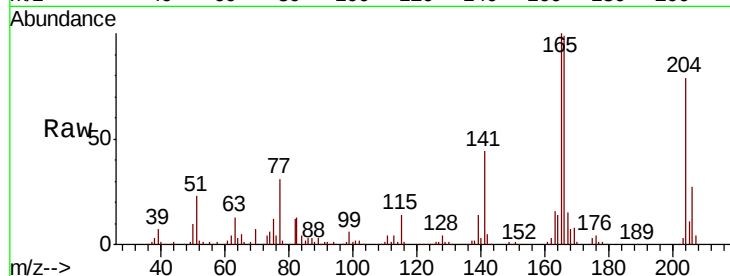




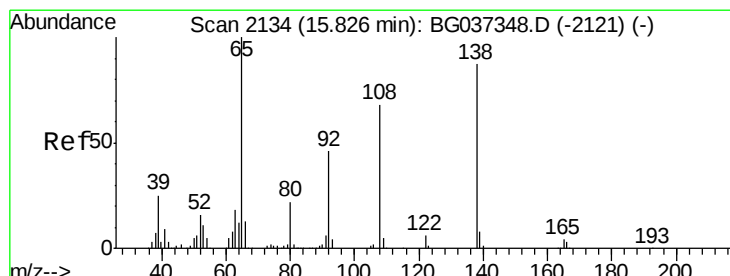
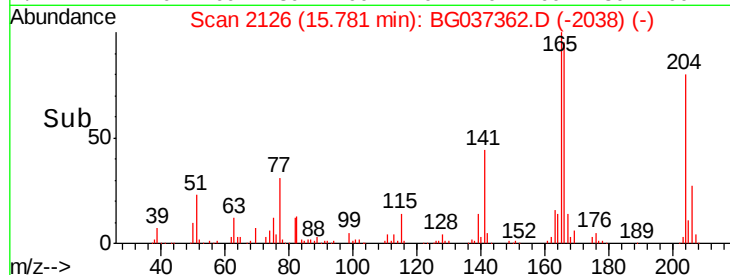
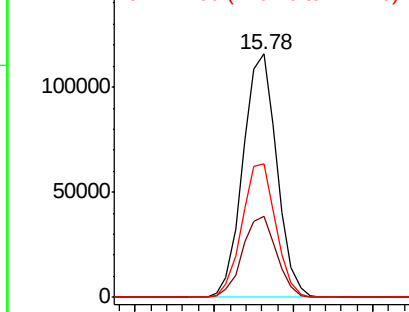
#61
 4-Chlorophenyl-phenylether
 Concen: 23.075 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 170953
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 39.8
 141 54.8 45.4 68.2

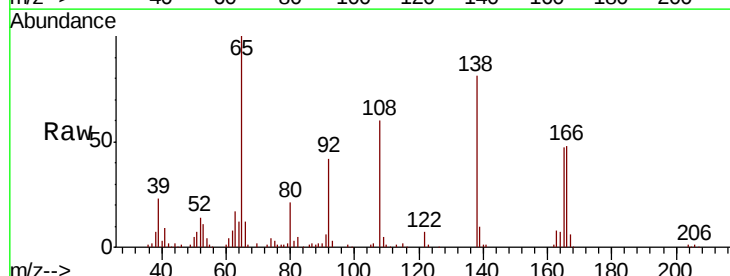


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

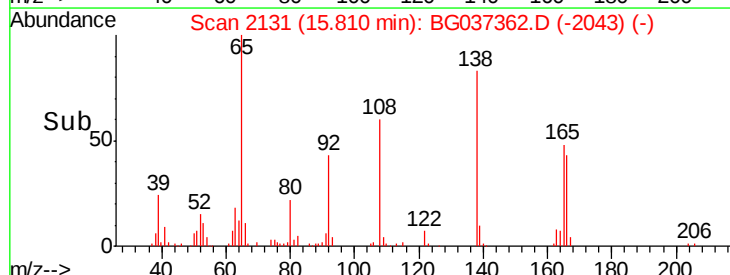
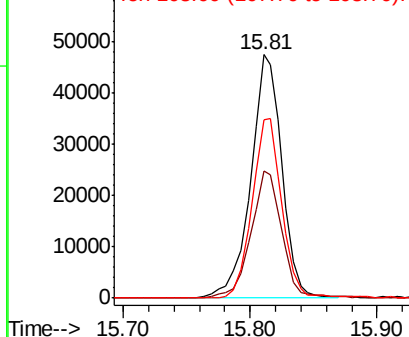


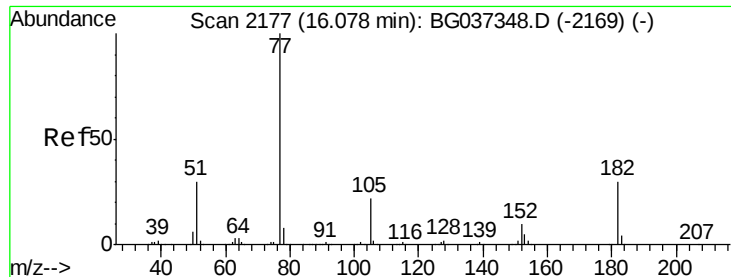
#62
 4-Nitroaniline
 Concen: 26.681 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion:138 Resp: 80997
 Ion Ratio Lower Upper
 138 100
 92 52.1 36.4 76.4
 108 73.4 60.1 100.1



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

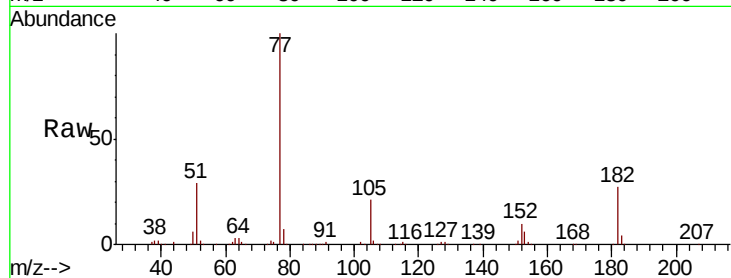




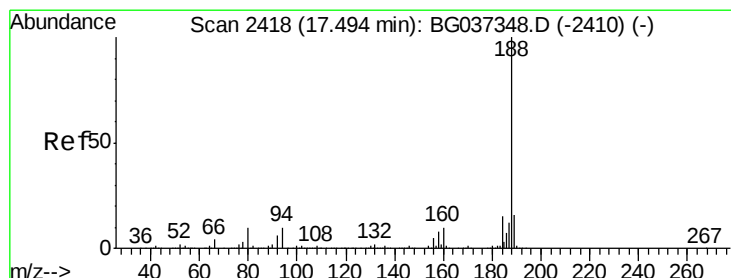
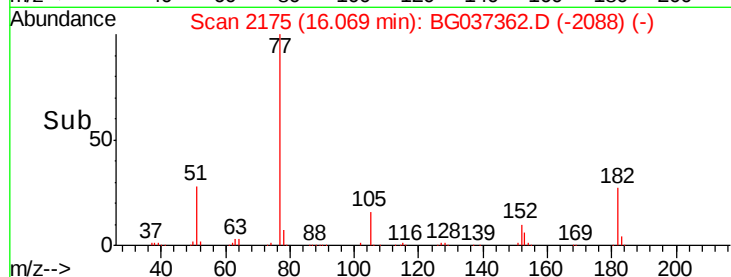
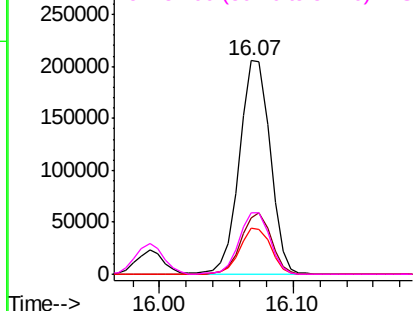
#63
Azobenzene
Concen: 23.907 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	328384
Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.0	48.0
105	21.3	1.3	41.3
51	29.1	10.7	50.7

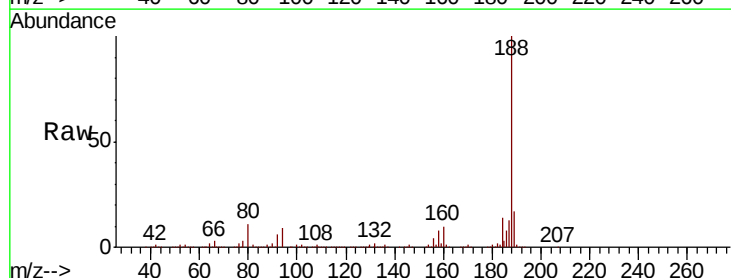


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

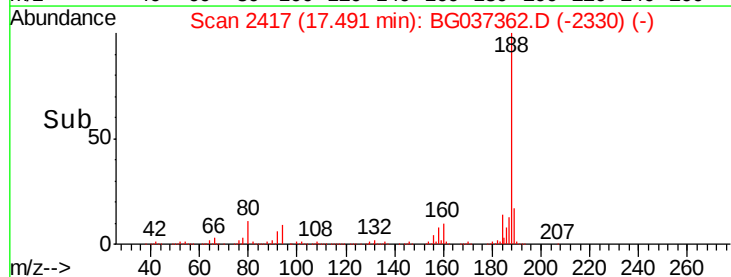
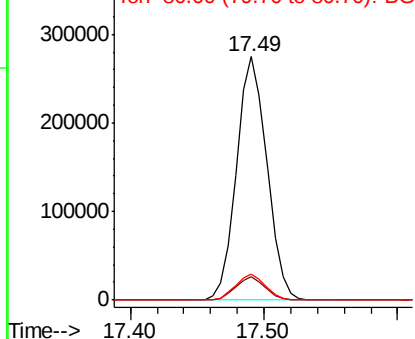


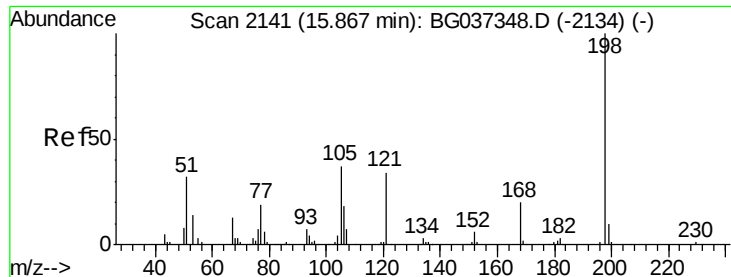
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:	188	Resp:	432649
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.7	7.7	11.5



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

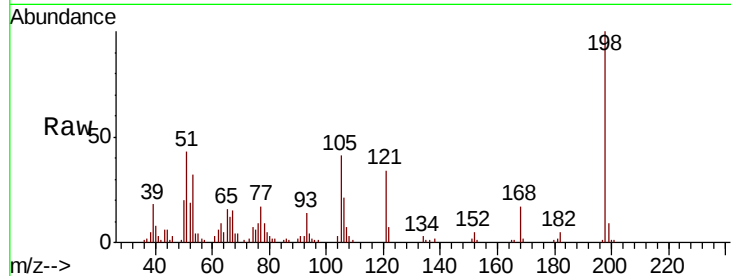




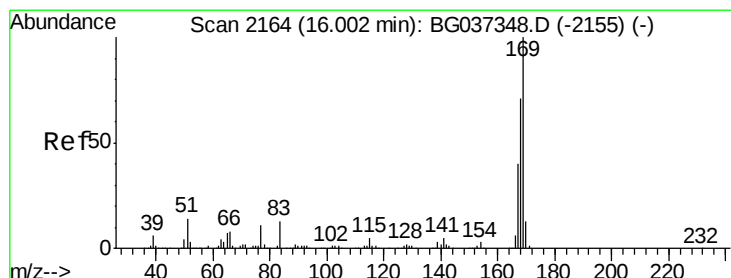
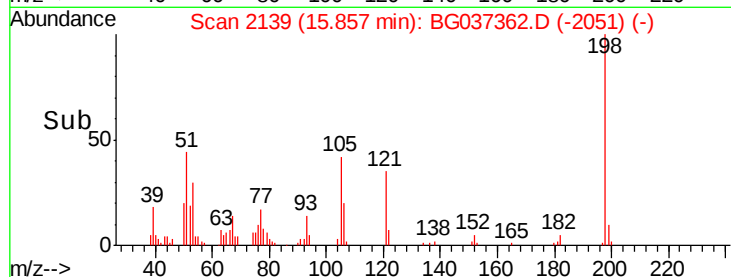
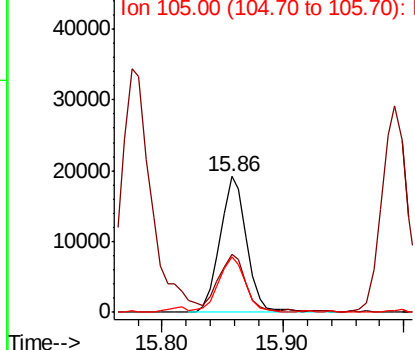
#65
4,6-Dinitro-2-methylphenol
Concen: 24.904 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 29304
Ion Ratio Lower Upper
198 100
51 43.0 22.7 62.7
105 40.7 19.7 59.7

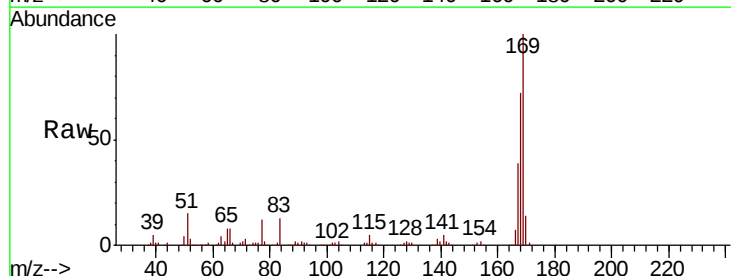


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

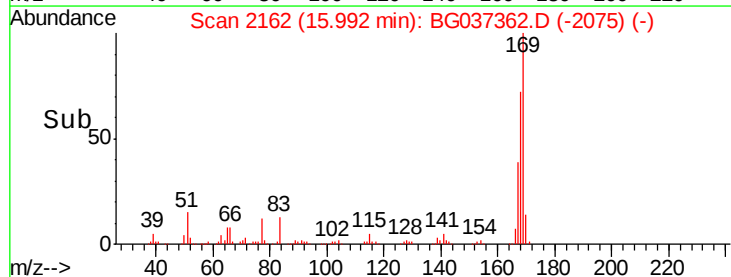
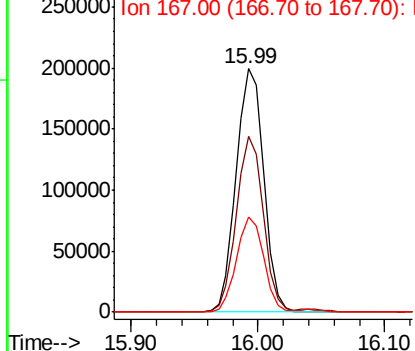


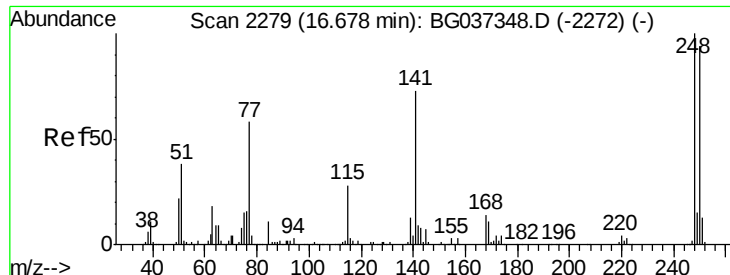
#66
n-Nitrosodiphenylamine
Concen: 23.650 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:169 Resp: 300488
Ion Ratio Lower Upper
169 100
168 72.0 55.7 83.5
167 39.1 31.3 46.9



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

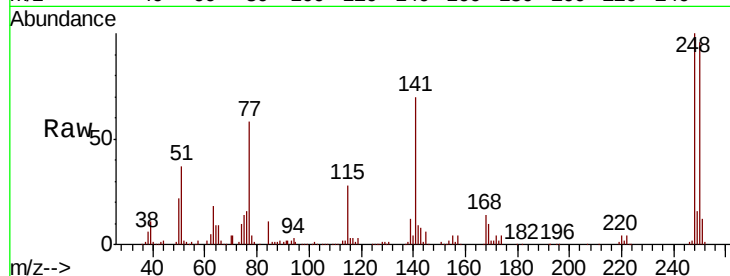




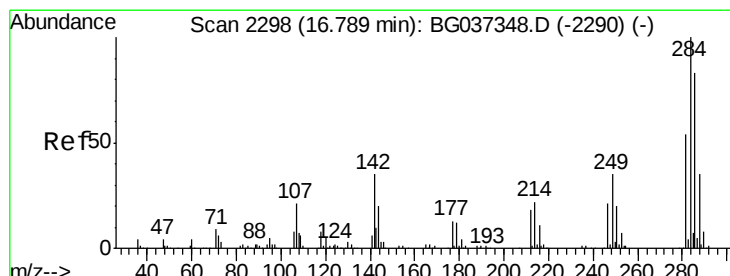
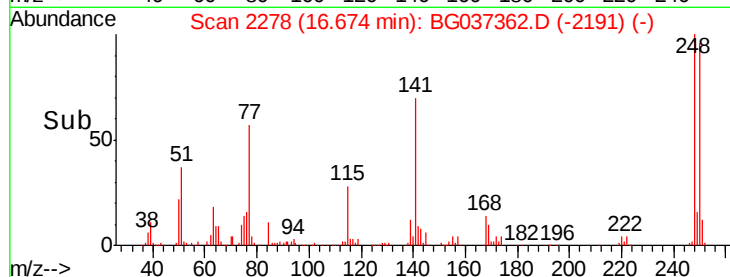
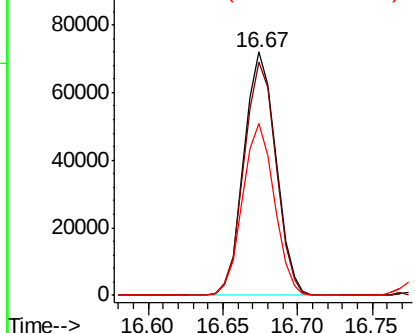
#67
 4-Bromophenyl-phenylether
 Concen: 22.861 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 106748
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.0 115.6
 141 70.4 55.5 83.3

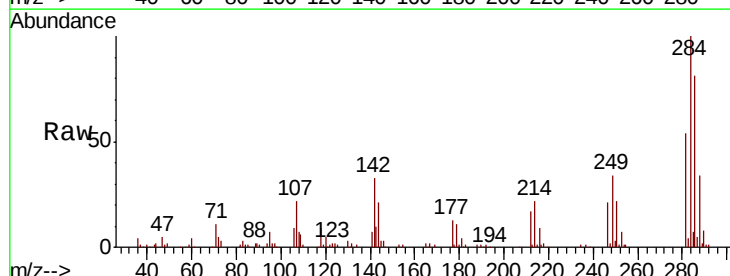


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

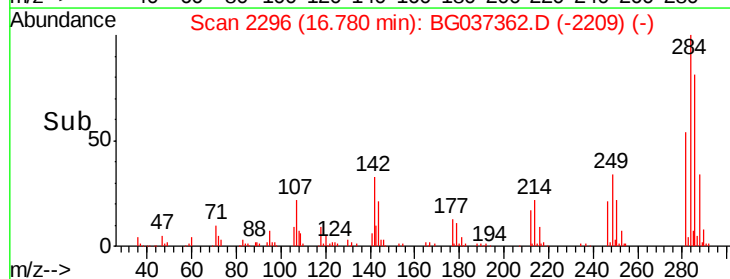
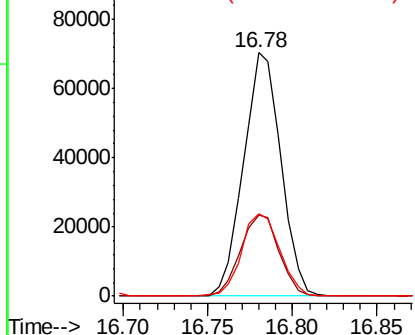


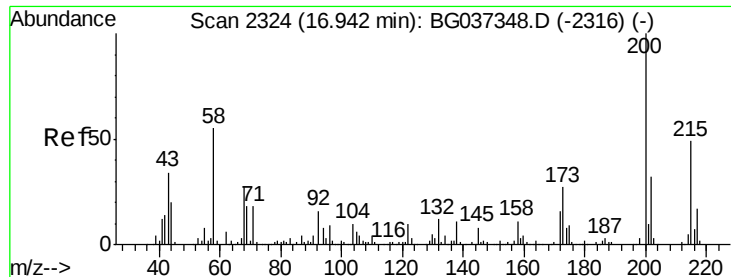
#68
 Hexachlorobenzene
 Concen: 22.367 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.02 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion:284 Resp: 108283
 Ion Ratio Lower Upper
 284 100
 142 33.4 28.1 42.1
 249 33.9 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

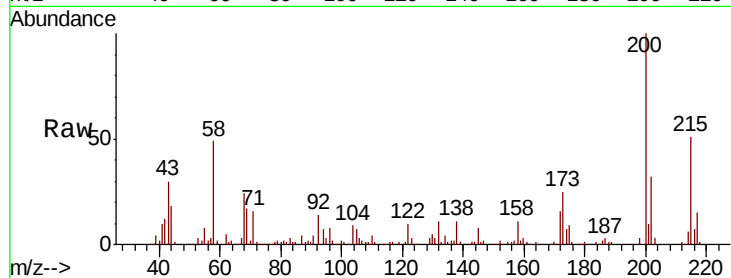




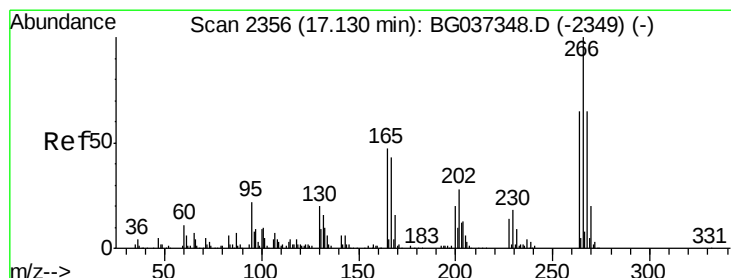
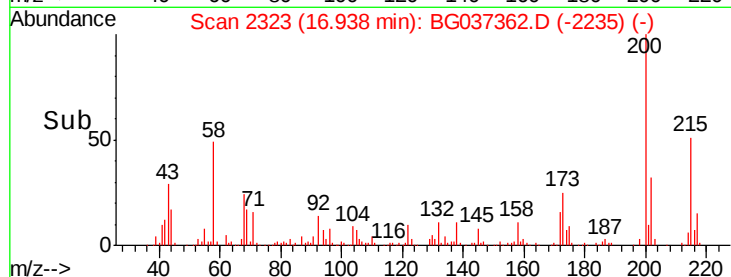
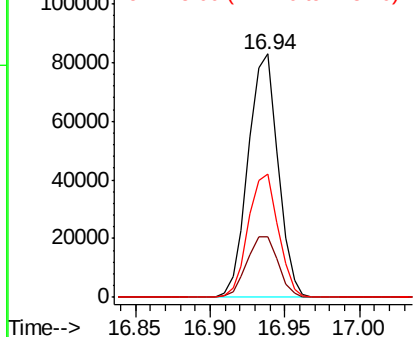
#69
 Atrazine
 Concen: 24.301 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.1	46.1
215	50.8	30.8	70.8

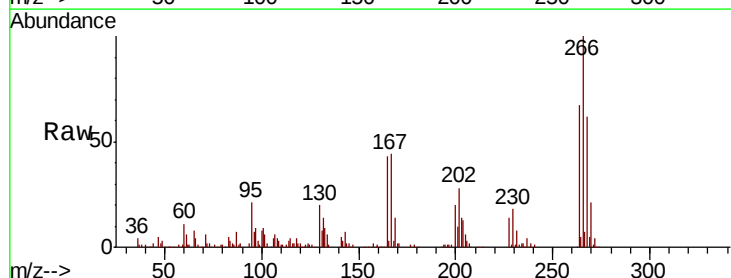


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

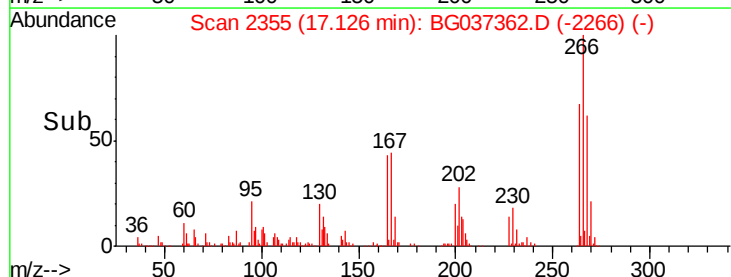
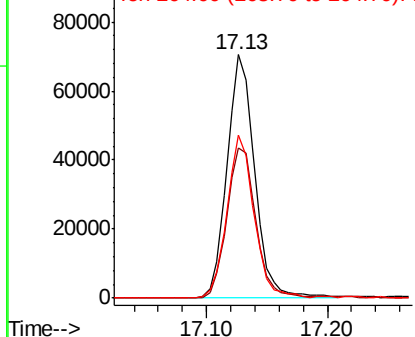


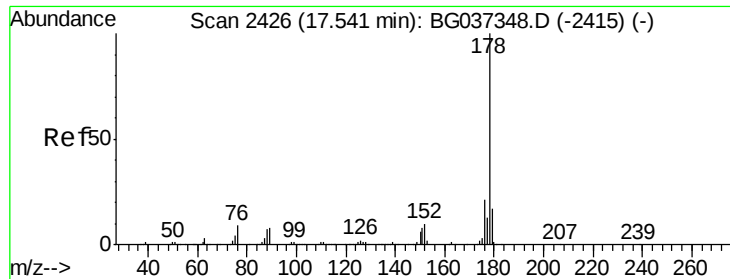
#70
 Pentachlorophenol
 Concen: 36.156 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	55.0	82.6
264	72.3	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

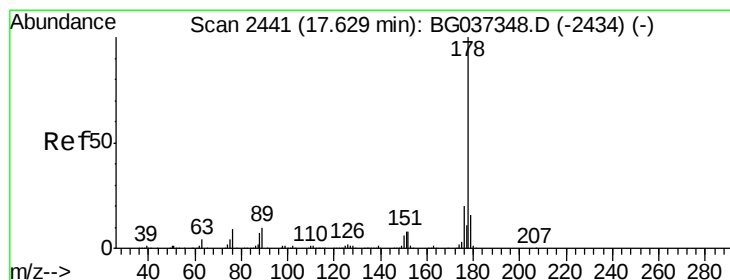
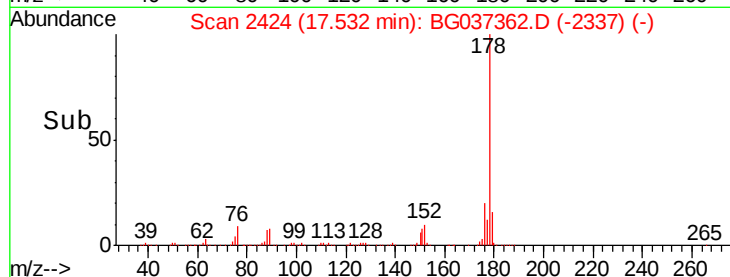
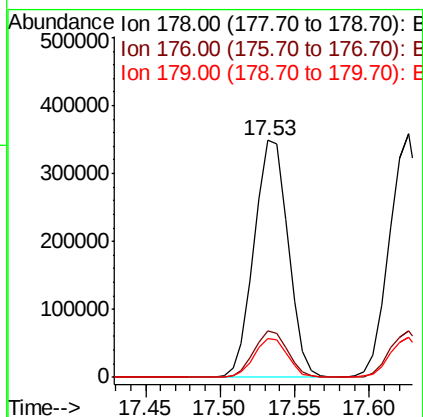
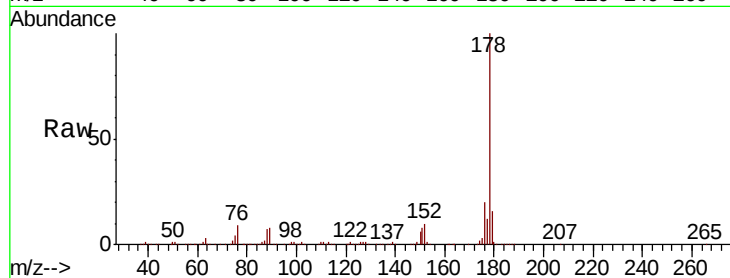




#71
Phenanthrene
Concen: 25.029 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

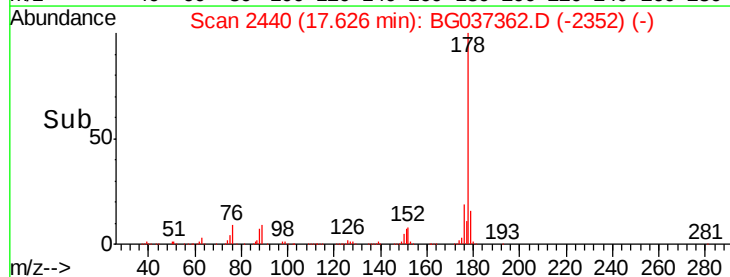
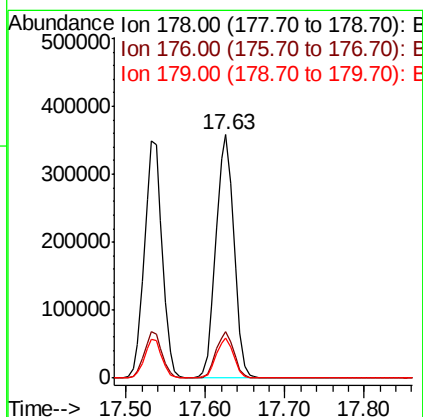
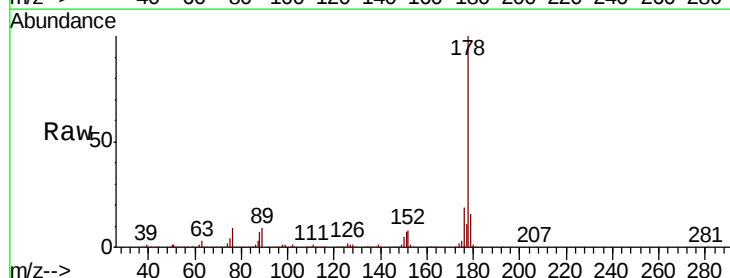
Instrument :
BNA_G
ClientSampled :

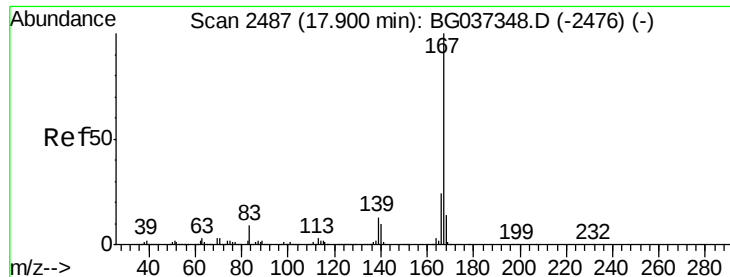
Tot Ion:178 Resp: 551223
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 16.4 13.0 19.4



#72
Anthracene
Concen: 26.147 ng
RT: 17.63 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:178 Resp: 563640
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 16.2 12.8 19.2





#73

Carbazole

Concen: 23.650 ng

RT: 17.90 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

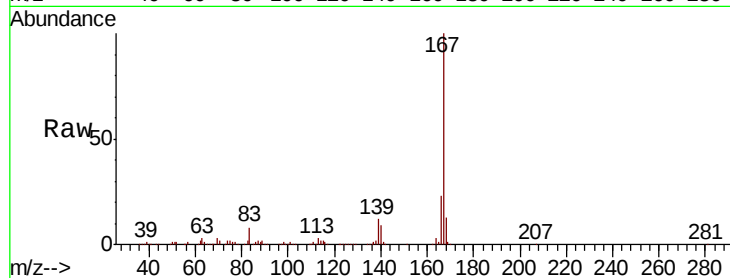
Tot Ion:167 Resp: 525276

Ion Ratio Lower Upper

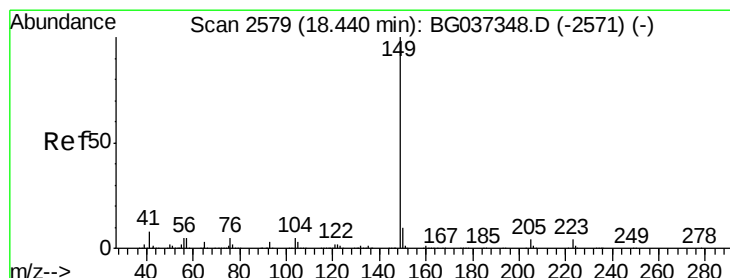
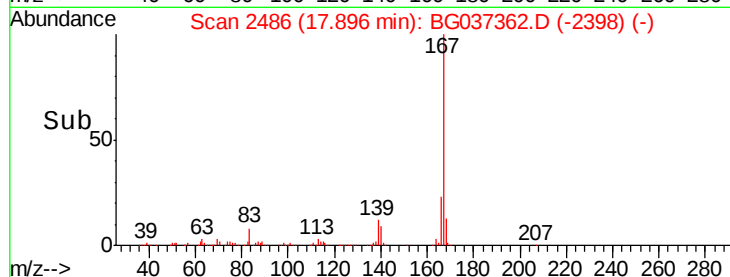
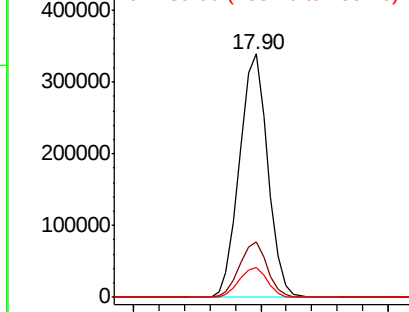
167 100

166 22.6 18.3 27.5

139 12.4 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 26.110 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

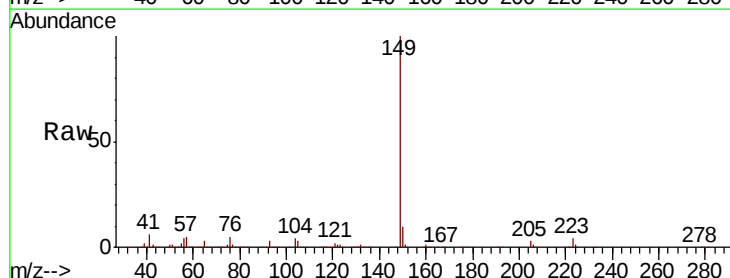
Tgt Ion:149 Resp: 621559

Ion Ratio Lower Upper

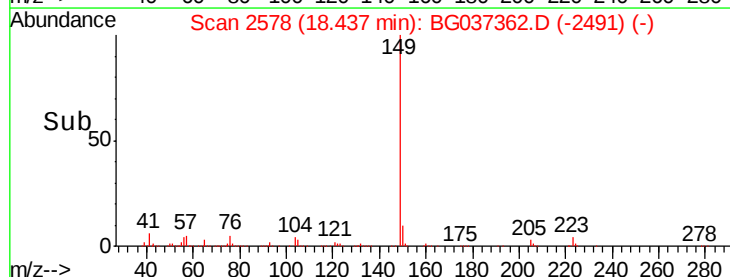
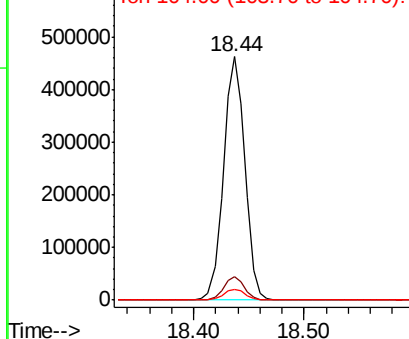
149 100

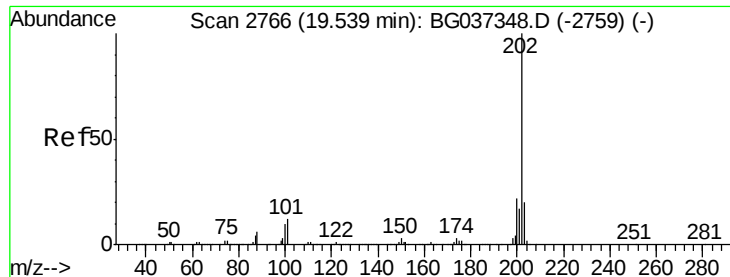
150 9.5 8.2 12.2

104 4.5 4.0 6.0



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





#75

Fluoranthene

Concen: 25.596 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

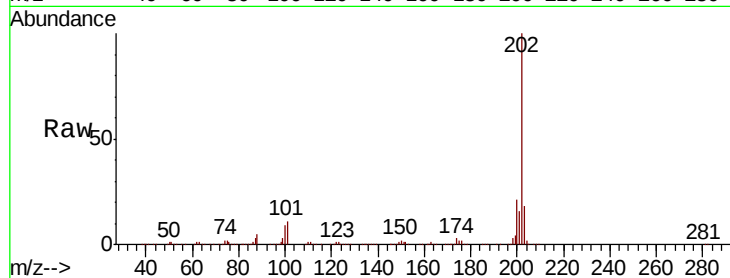
Tot Ion:202 Resp: 658850

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.7

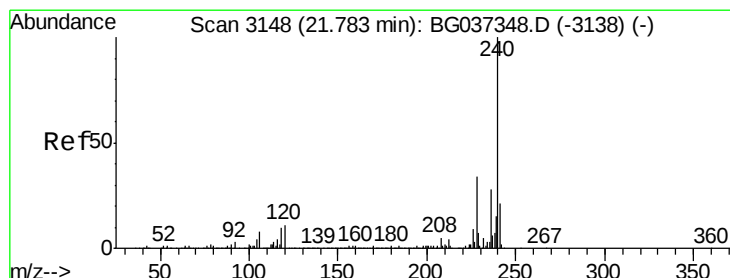
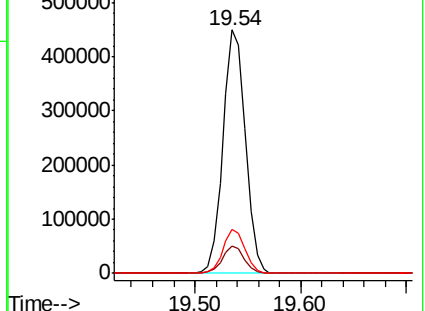
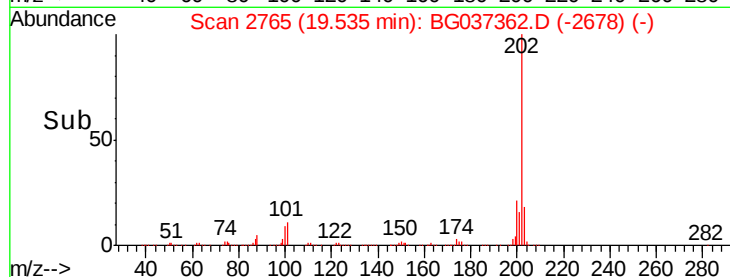
203 18.3 0.0 38.5



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: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

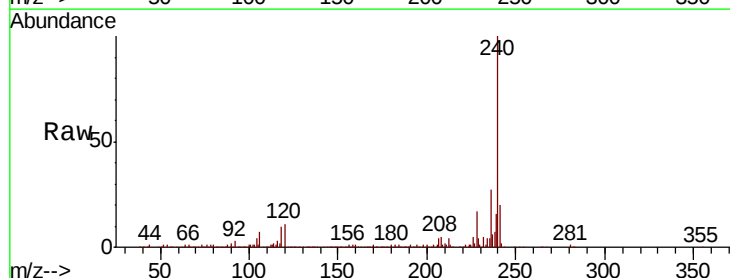
Tgt Ion:240 Resp: 403537

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

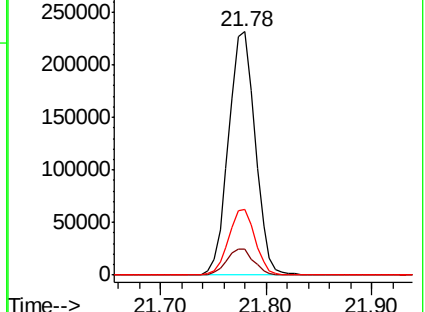
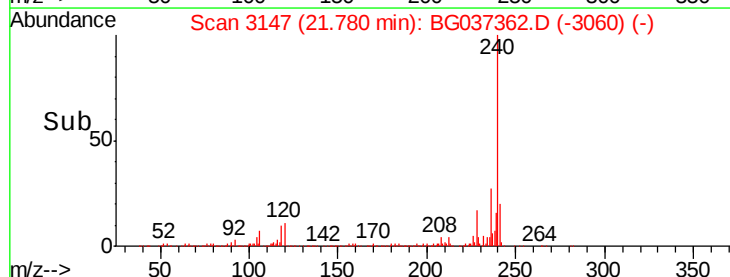
236 26.9 21.4 32.0

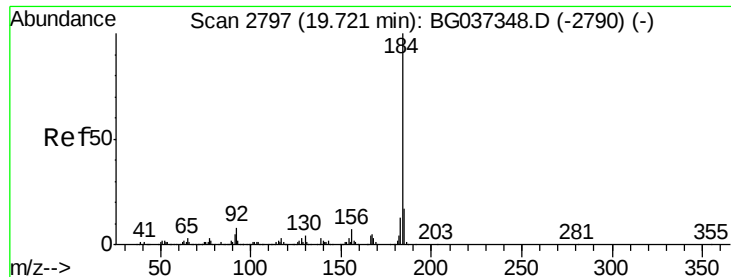


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.344 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampled :

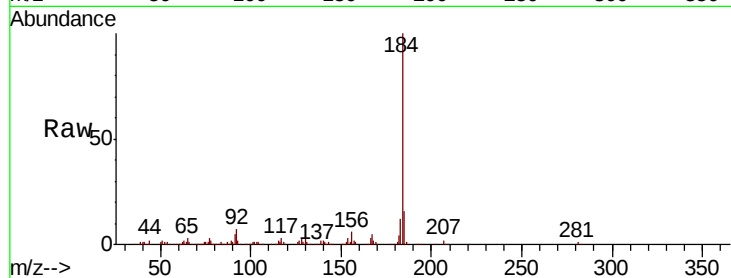
Tot Ion:184 Resp: 175118

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

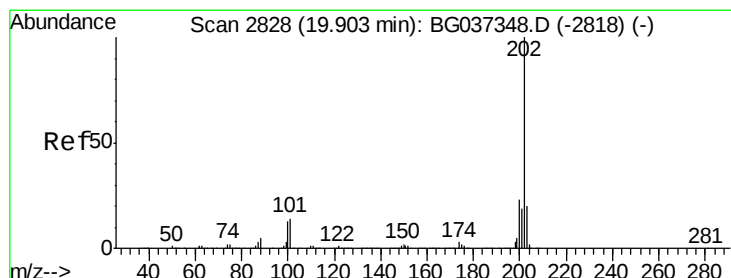
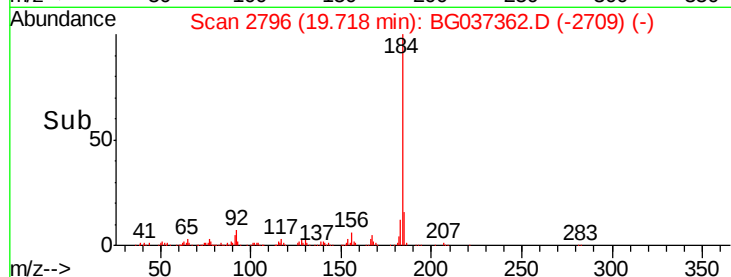
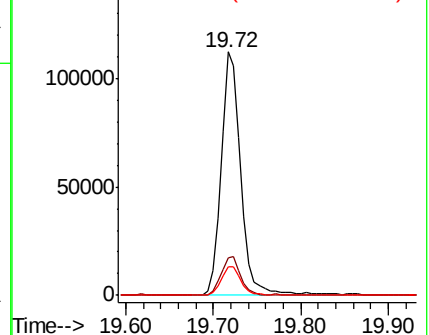
183 11.5 10.2 15.2



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: 25.025 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

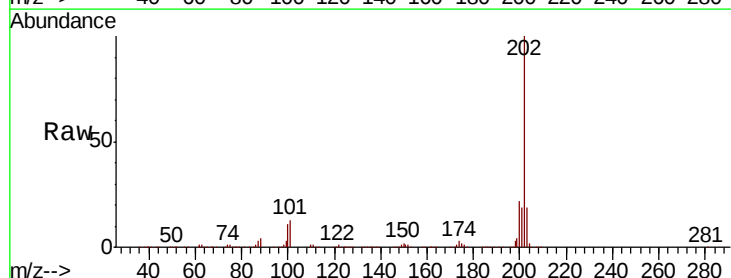
Tgt Ion:202 Resp: 658169

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

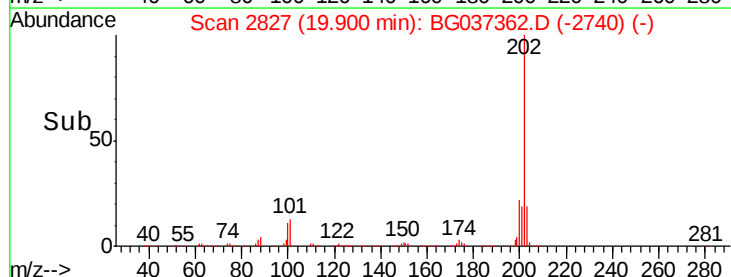
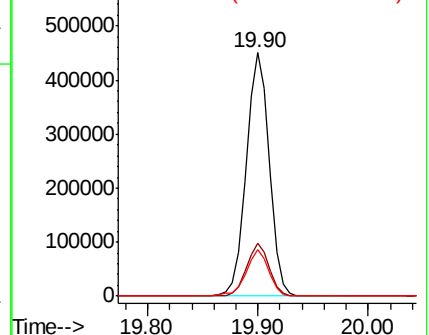
203 19.0 15.2 22.8

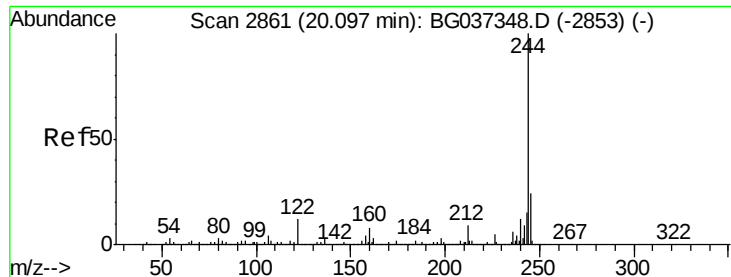


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 45.999 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

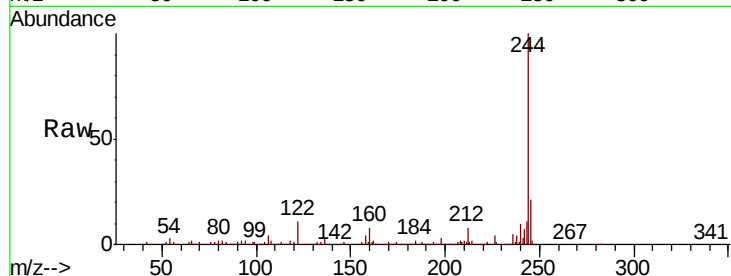
Tot Ion:244 Resp: 884028

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

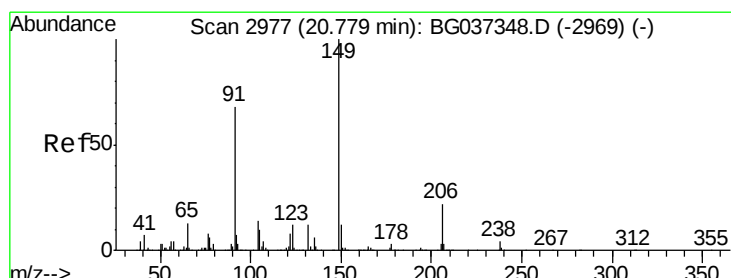
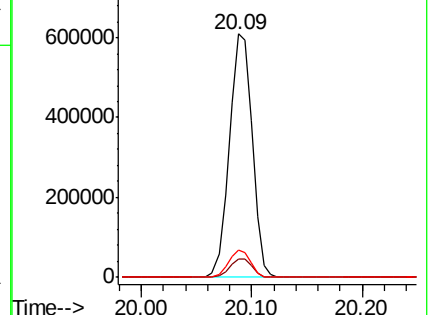
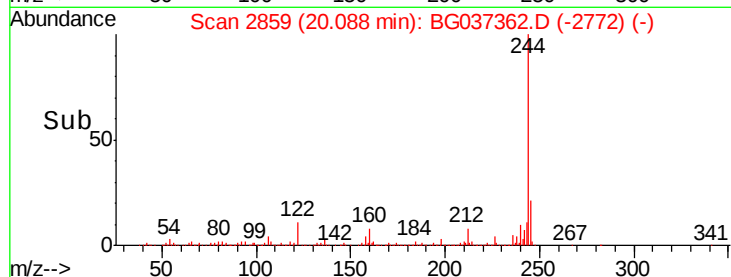
122 11.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 26.758 ng

RT: 20.78 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

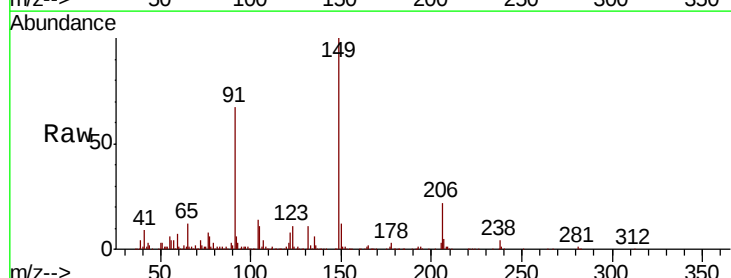
Tgt Ion:149 Resp: 273808

Ion Ratio Lower Upper

149 100

91 67.5 57.0 85.4

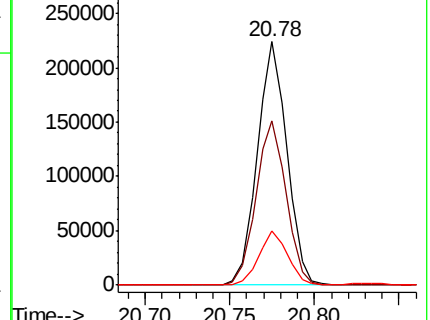
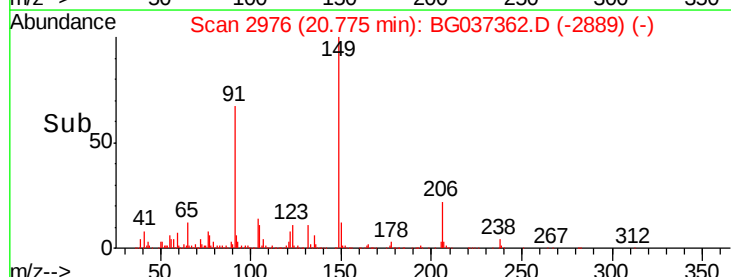
206 22.5 17.8 26.6

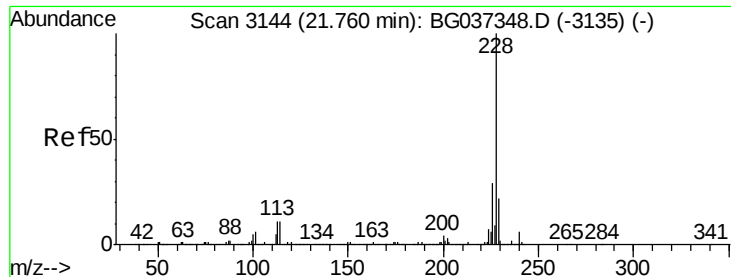


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.361 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

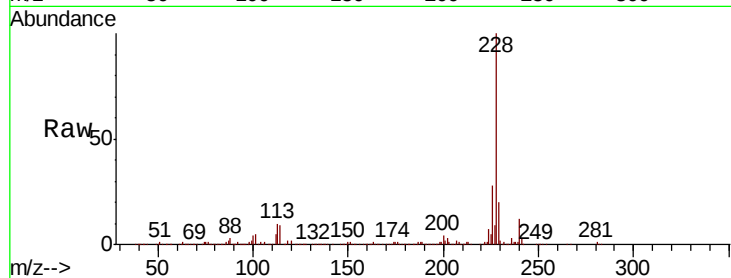
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 612920

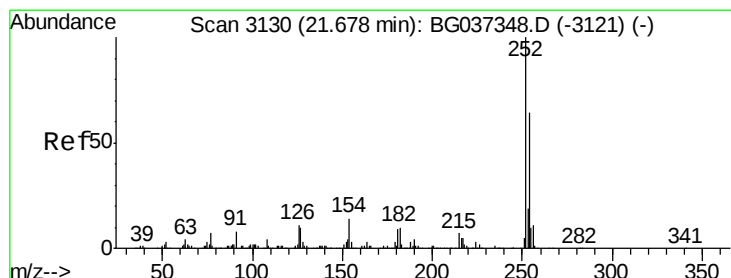
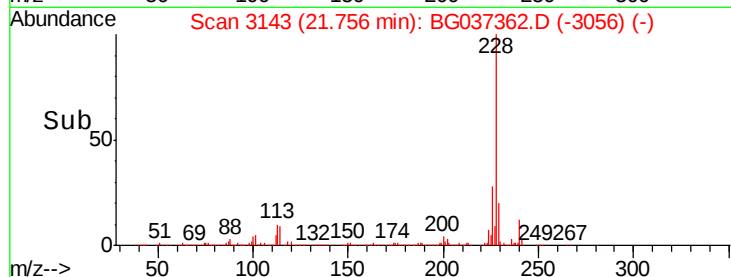
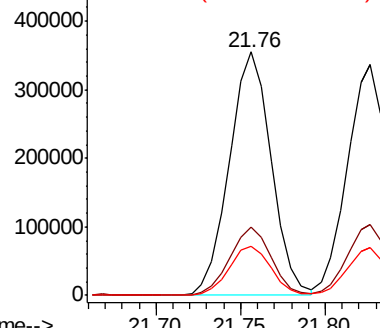
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.2	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.568 ng

RT: 21.67 min Scan# 3129

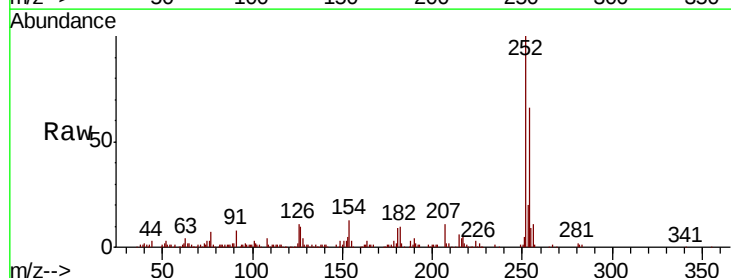
Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Tgt Ion:252 Resp: 126492

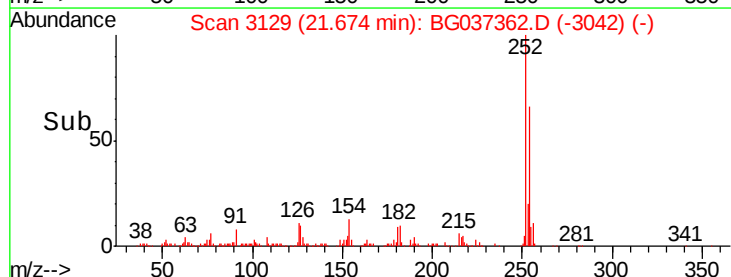
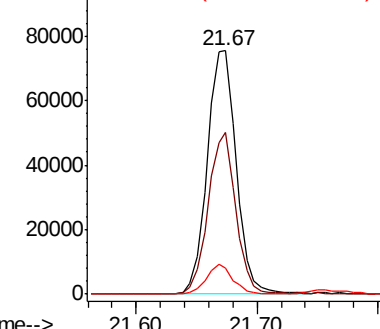
Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.0	78.0
126	10.6	8.2	12.4

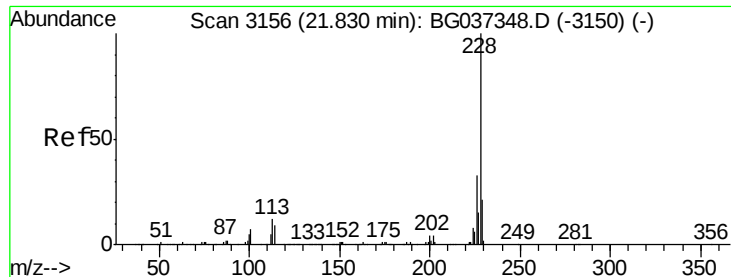


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 24.581 ng

RT: 21.83 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

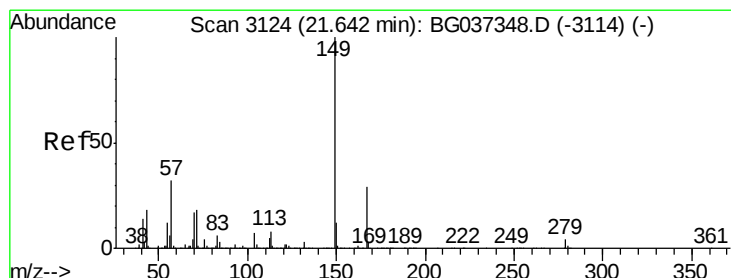
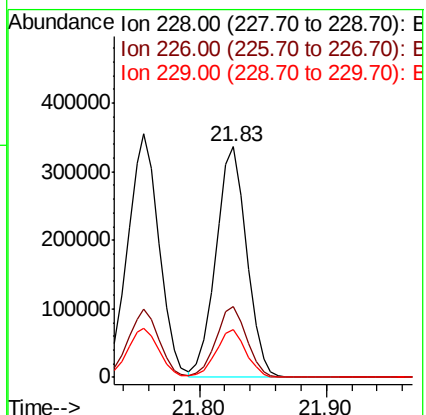
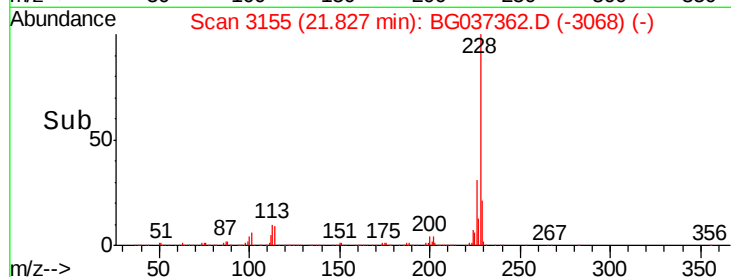
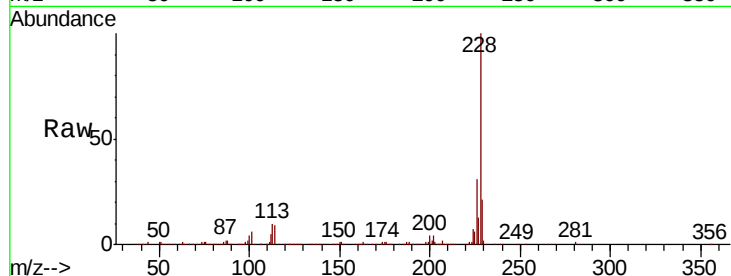
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 566699

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	20.7	16.5	24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.230 ng

RT: 21.64 min Scan# 3123

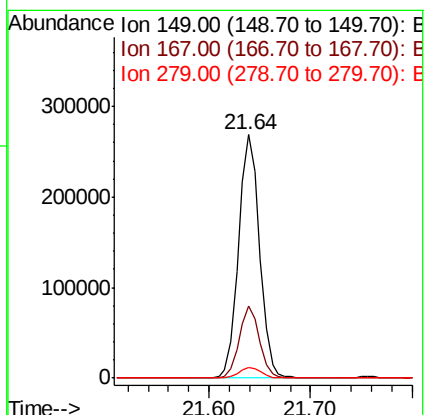
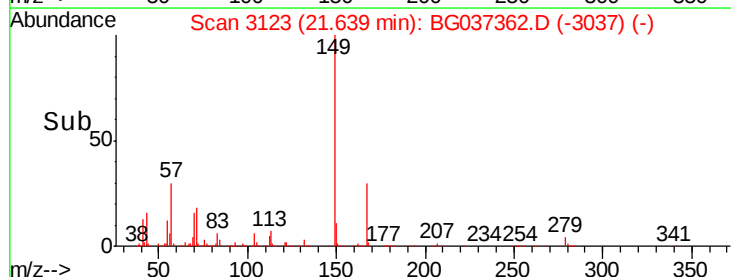
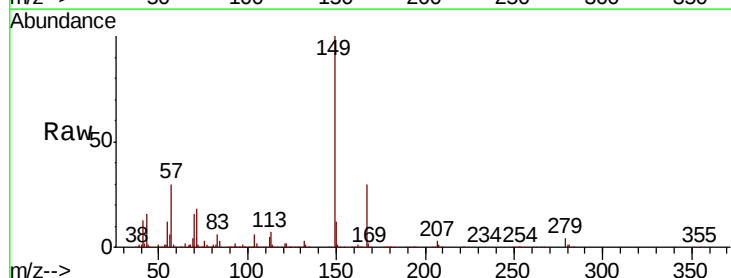
Delta R.T. -0.03 min

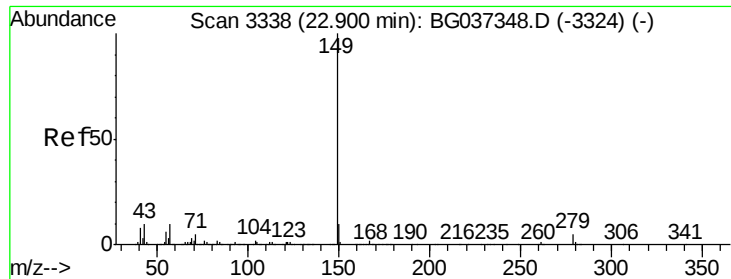
Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Tgt Ion:149 Resp: 385417

Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.0	34.4
279	4.2	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 27.063 ng

RT: 22.89 min Scan# 3336

Delta R.T. -0.04 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

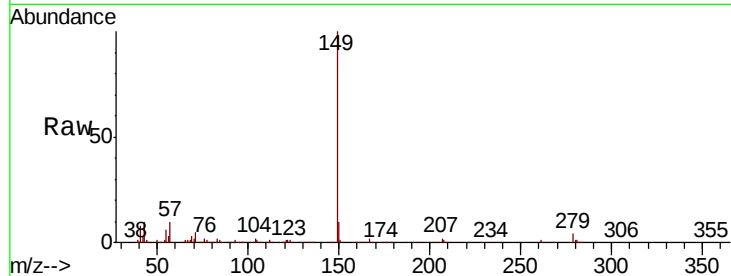
Tot Ion:149 Resp: 645425

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

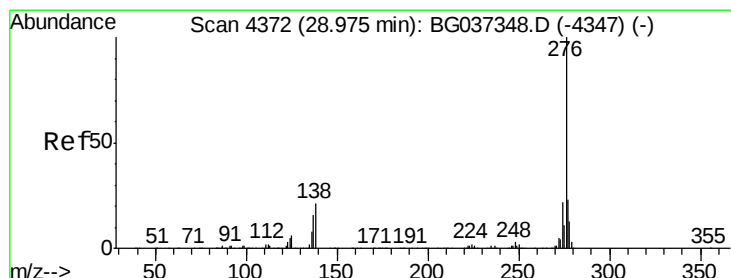
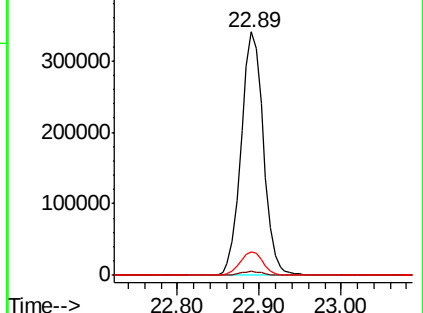
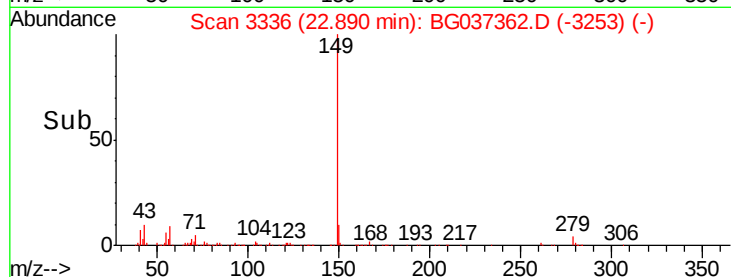
43 9.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 25.195 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.06 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

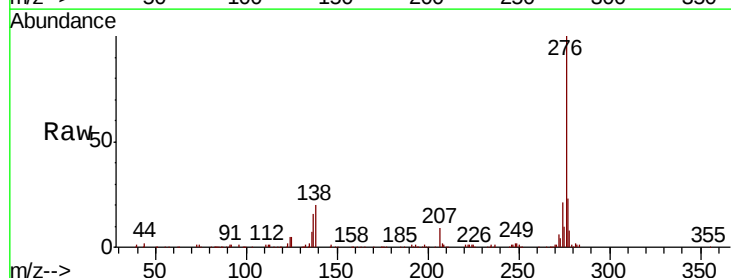
Tgt Ion:276 Resp: 643814

Ion Ratio Lower Upper

276 100

138 18.2 12.0 18.0#

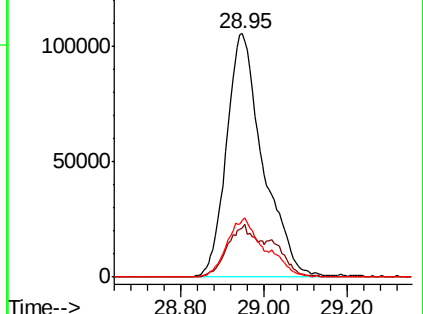
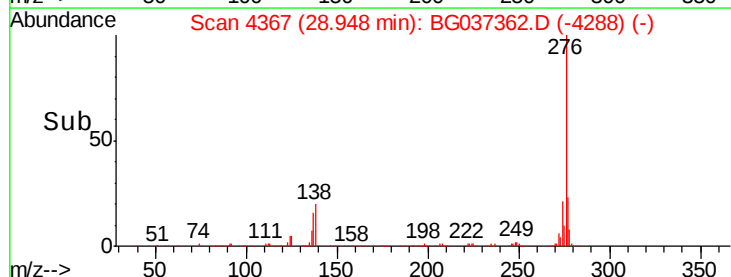
277 25.1 20.6 30.8

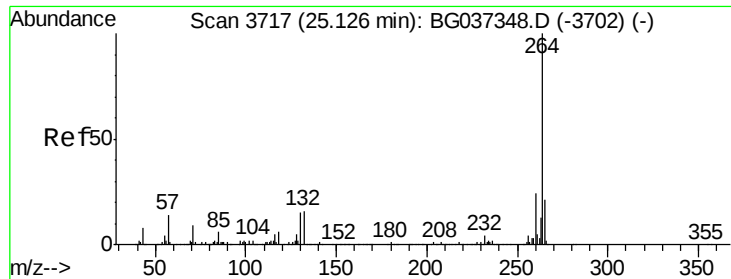


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

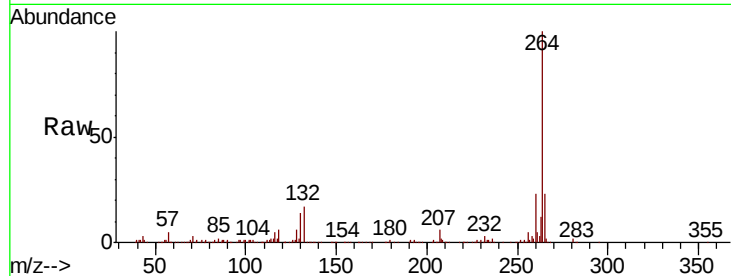
Tot Ion:264 Resp: 425800

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

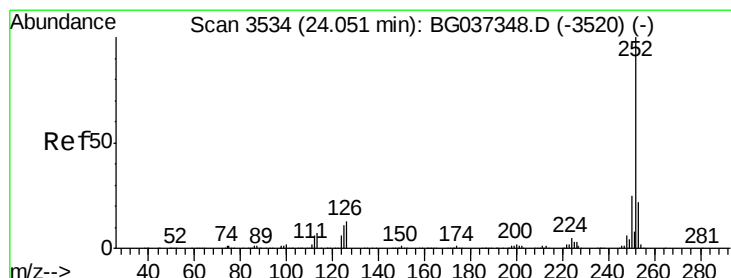
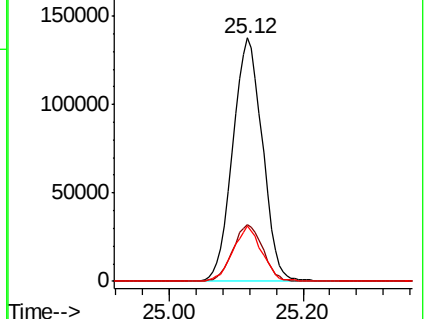
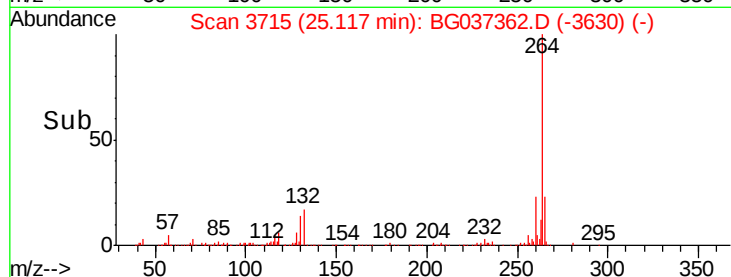
265 23.0 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 25.888 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.03 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

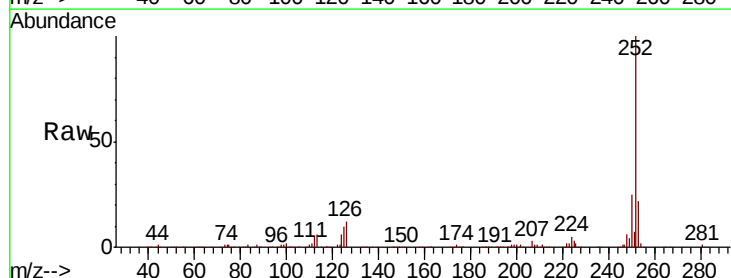
Tgt Ion:252 Resp: 599313

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

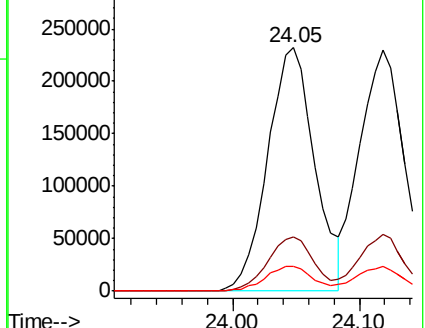
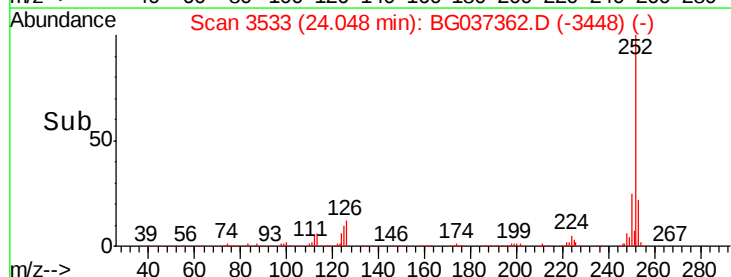
125 10.0 7.8 11.6

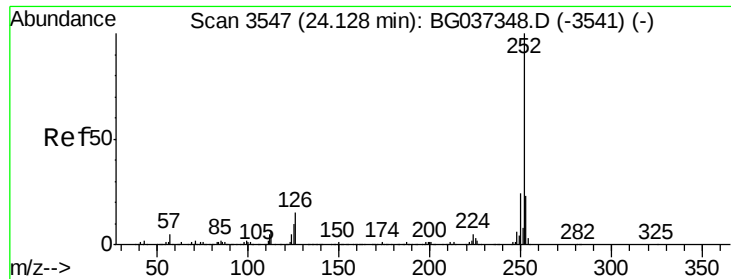


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

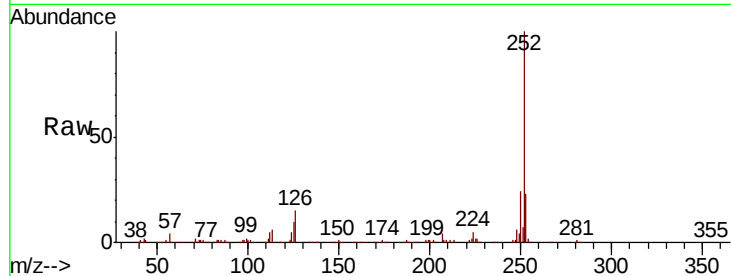




#89
Benzo(k)fluoranthene
Concen: 24.567 ng
RT: 24.12 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	10.4	7.4	11.0

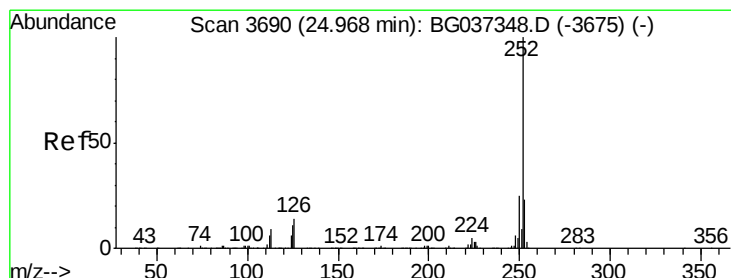
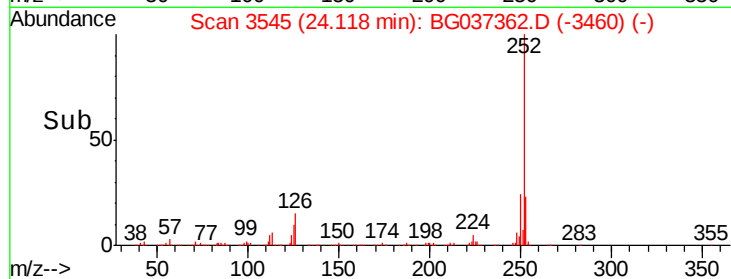
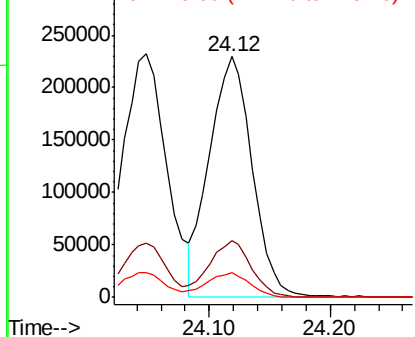


Abundance

Ion 252.00 (251.70 to 252.70): E

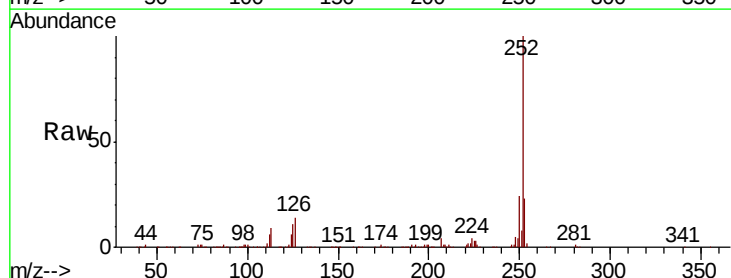
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 25.755 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.03 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	11.1	9.0	13.6

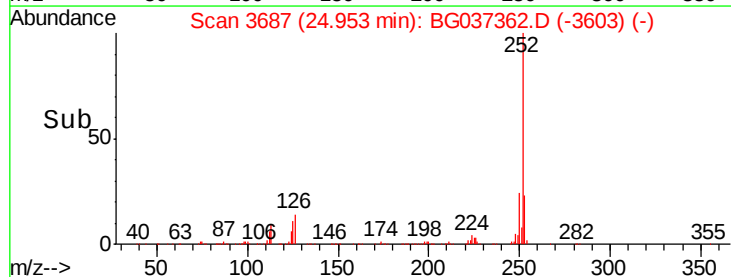
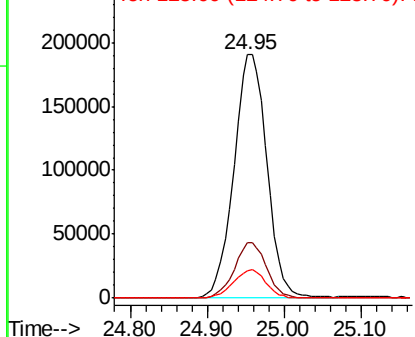


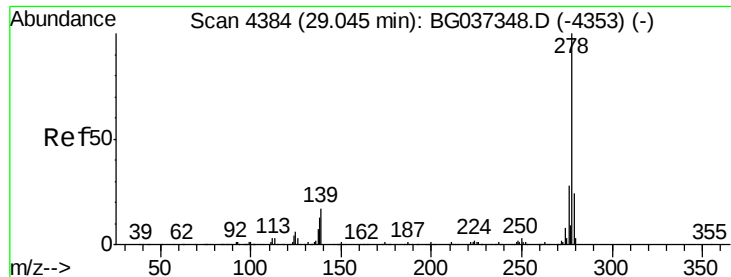
Abundance

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

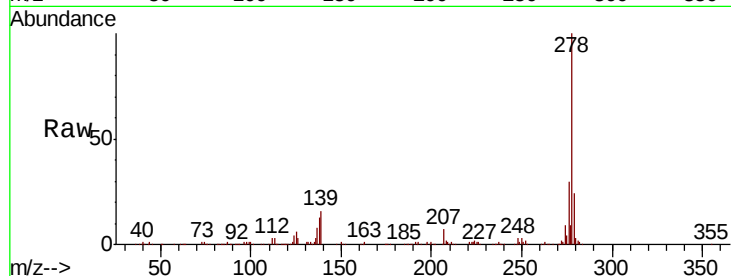




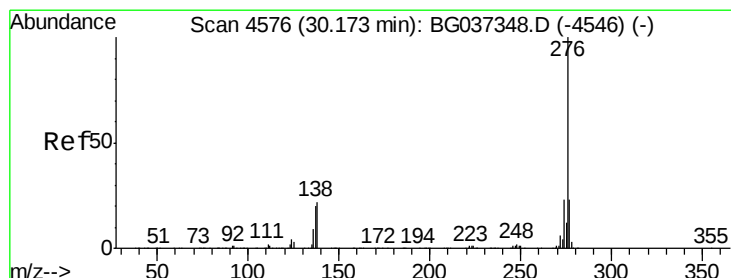
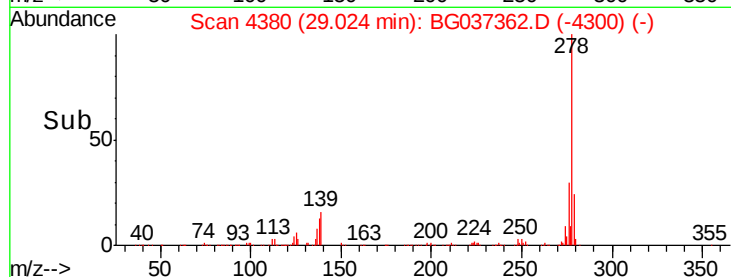
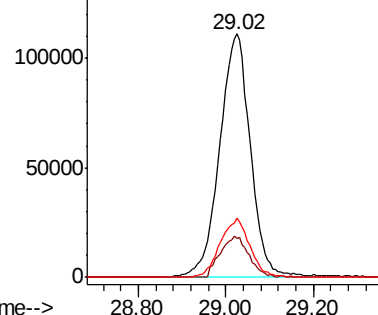
#91
Dibenzo(a,h)anthracene
Concen: 24.912 ng
RT: 29.02 min Scan# 4380
Delta R.T. -0.06 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	24.4	18.6	27.8

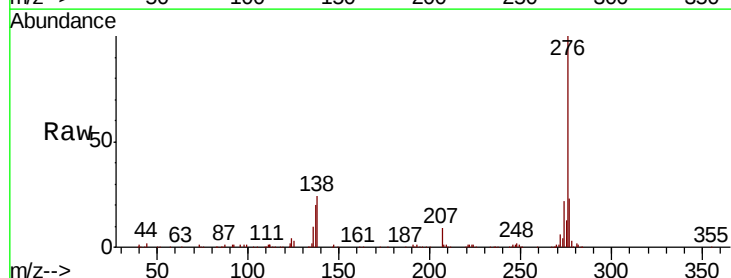


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 25.344 ng
RT: 30.15 min Scan# 4571
Delta R.T. -0.07 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	23.8	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

