

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037386.D
 Acq On : 17 Oct 2018 11:29
 Operator : JU/SJ
 Sample : PB113906BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 17 12:06:05 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	57485	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	280436	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	189544	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	461880	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	419773	20.00	ng	-0.02
87) Perylene-d12	25.12	264	439300	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	522433	159.94	ng	0.00
7) Phenol-d6	7.25	99	747506	150.77	ng	0.00
23) Nitrobenzene-d5	9.29	82	417087	97.78	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	278711	149.93	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1029201	81.54	ng	-0.01
79) Terphenyl-d14	20.09	244	1591380	79.60	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	52618	28.682	ng	99
3) Pyridine	3.93	79	148555	34.107	ng	96
4) n-Nitrosodimethylamine	3.85	42	68760	40.651	ng	# 87
6) Aniline	7.44	93	234719	36.166	ng	98
8) 2-Chlorophenol	7.67	128	190992	49.961	ng	98
9) Benzaldehyde	7.25	77	56418	16.528	ng	98
10) Phenol	7.28	94	260435	49.877	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	175104	41.048	ng	97
12) 1,3-Dichlorobenzene	8.00	146	178471	39.713	ng	97
13) 1,4-Dichlorobenzene	8.15	146	182573	40.126	ng	98
14) 1,2-Dichlorobenzene	8.46	146	173237	39.292	ng	97
15) Benzyl Alcohol	8.35	79	177076	45.661	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	313980	37.232	ng	98
17) 2-Methylphenol	8.54	107	177782	50.838	ng	97
18) Hexachloroethane	9.20	117	63781	41.071	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	148519	39.567	ng	96
20) 3+4-Methylphenols	8.87	107	246225	50.355	ng	97
22) Acetophenone	8.94	105	278998	39.466	ng	97
24) Nitrobenzene	9.33	77	211576	46.310	ng	92
25) Isophorone	9.85	82	425659	43.713	ng	96
26) 2-Nitrophenol	10.04	139	100303	56.186	ng	99
27) 2,4-Dimethylphenol	10.09	122	212328	52.168	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	258833	42.486	ng	97
29) 2,4-Dichlorophenol	10.57	162	209533	50.715	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	197626	39.308	ng	98
31) Naphthalene	10.98	128	588940	43.212	ng	100
32) Benzoic acid	10.20	122	113303	50.415	ng	96
33) 4-Chloroaniline	11.10	127	175620	27.469	ng	96
34) Hexachlorobutadiene	11.25	225	114020	36.520	ng	95
35) Caprolactam	11.88	113	80002	47.498	ng	97
36) 4-Chloro-3-methylphenol	12.19	107	229582	47.051	ng	99
37) 2-Methylnaphthalene	12.58	142	450555	45.299	ng	99
38) 1-Methylnaphthalene	12.80	142	432896	44.563	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	226989	36.980	ng	98

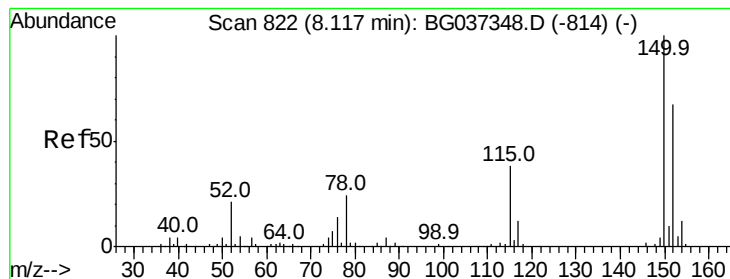
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	279561	110.477	ng	100
43) 2,4,6-Trichlorophenol	13.18	196	177746	49.916	ng	100
44) 2,4,5-Trichlorophenol	13.25	196	190661	49.764	ng	96
46) 1,1'-Biphenyl	13.58	154	577787	37.056	ng	99
47) 2-Chloronaphthalene	13.63	162	465321	39.509	ng	99
48) 2-Nitroaniline	13.83	65	153101	47.981	ng	97
49) Acenaphthylene	14.47	152	774387	42.982	ng	99
50) Dimethylphthalate	14.20	163	620029	41.625	ng	99
51) 2,6-Dinitrotoluene	14.32	165	143532	49.445	ng	94
52) Acenaphthene	14.81	154	452810	40.688	ng	98
53) 3-Nitroaniline	14.66	138	118980	38.176	ng	# 94
54) 2,4-Dinitrophenol	14.86	184	55982	75.107	ng	96
55) Dibenzofuran	15.14	168	735863	40.750	ng	98
56) 4-Nitrophenol	14.94	139	236382	97.302	ng	99
57) 2,4-Dinitrotoluene	15.11	165	191520	51.821	ng	94
58) Fluorene	15.79	166	596122	43.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	174423	51.421	ng	99
60) Diethylphthalate	15.55	149	634611	41.109	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	314038	39.339	ng	99
62) 4-Nitroaniline	15.82	138	155909	47.661	ng	90
63) Azobenzene	16.07	77	593873	40.125	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	66292	46.120	ng	98
66) n-Nitrosodiphenylamine	16.00	169	548109	40.409	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	200227	40.167	ng	97
68) Hexachlorobenzene	16.78	284	204513	39.570	ng	97
69) Atrazine	16.94	200	214836	42.615	ng	99
70) Pentachlorophenol	17.13	266	233795	70.113	ng	98
71) Phenanthrene	17.54	178	989237	42.074	ng	98
72) Anthracene	17.62	178	1011389	43.949	ng	98
73) Carbazole	17.89	167	930669	39.250	ng	100
74) Di-n-butylphthalate	18.43	149	1096402	43.142	ng	100
75) Fluoranthene	19.54	202	1173384	42.700	ng	99
77) Benzidine	19.72	184	559408	34.835	ng	100
78) Pyrene	19.90	202	1153567	42.165	ng	99
80) Butylbenzylphthalate	20.77	149	494462	46.453	ng	100
81) Benzo(a)anthracene	21.76	228	1095845	43.589	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	298076	30.736	ng	99
83) Chrysene	21.83	228	1014960	42.322	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	696352	45.559	ng	99
85) Di-n-octyl phthalate	22.89	149	1176088	47.407	ng	97
86) Indeno(1,2,3-cd)pyrene	28.96	276	1180706	44.418	ng	99
88) Benzo(b)fluoranthene	24.05	252	1090966	45.678	ng	99
89) Benzo(k)fluoranthene	24.12	252	1023518	43.429	ng	97
90) Benzo(a)pyrene	24.96	252	1046496	45.694	ng	98
91) Dibenzo(a,h)anthracene	29.03	278	952470	43.465	ng	96
92) Benzo(g,h,i)perylene	30.16	276	968699	44.261	ng	99

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

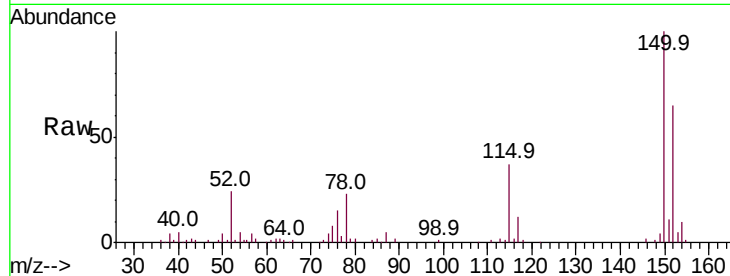


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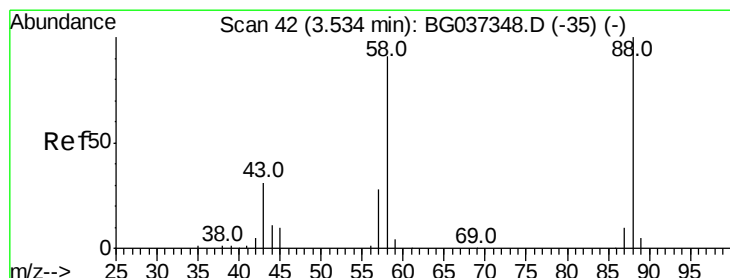
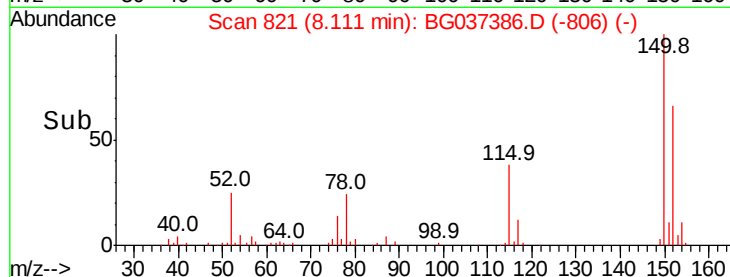
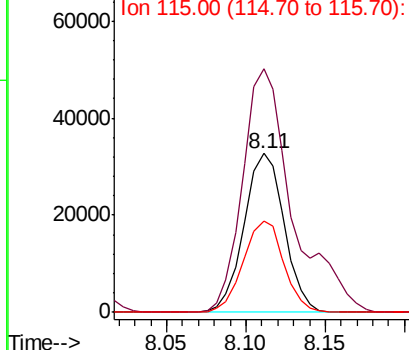
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57485
Ion Ratio Lower Upper
152 100
150 153.5 126.0 189.0
115 57.3 45.5 68.3



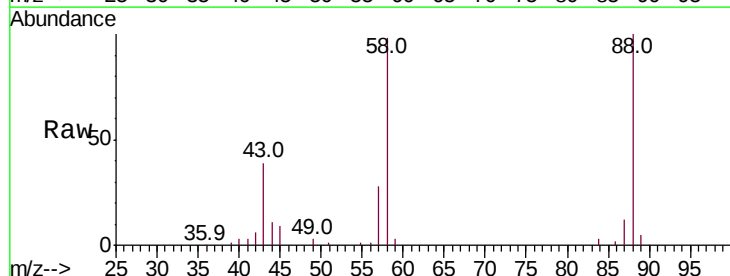
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



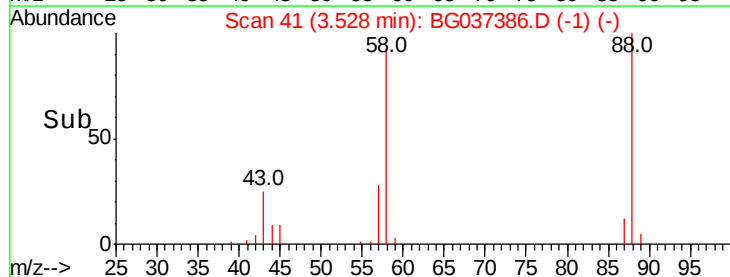
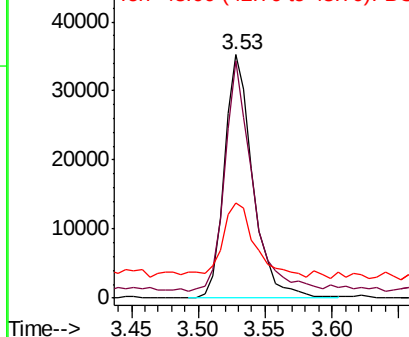
#2

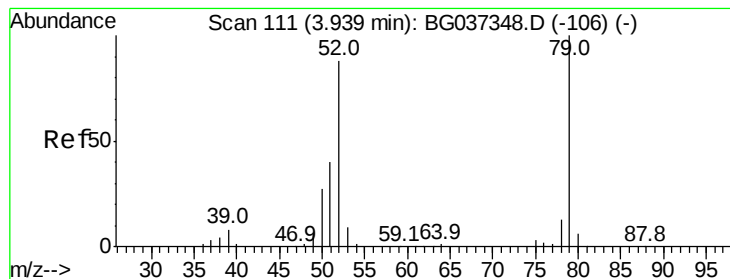
1,4-Dioxane
Concen: 28.682 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion: 88 Resp: 52618
Ion Ratio Lower Upper
88 100
58 92.8 74.4 111.6
43 34.2 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: 34.107 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampled :

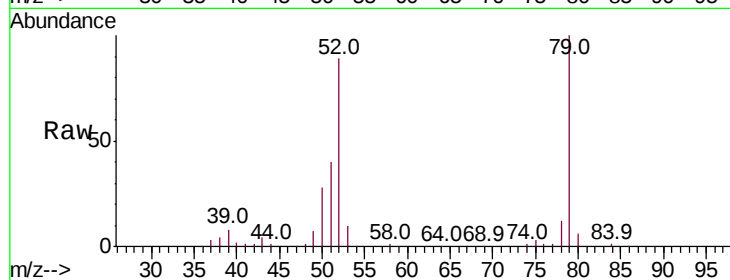
Tot Ion: 79 Resp: 148555

Ion Ratio Lower Upper

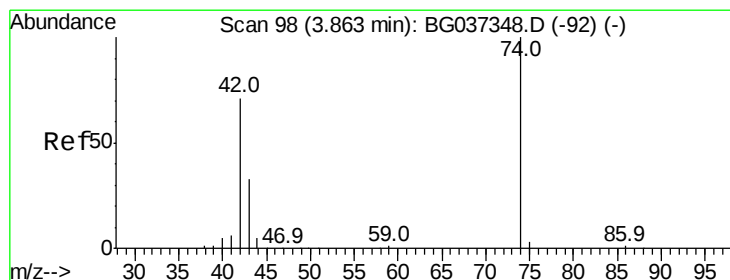
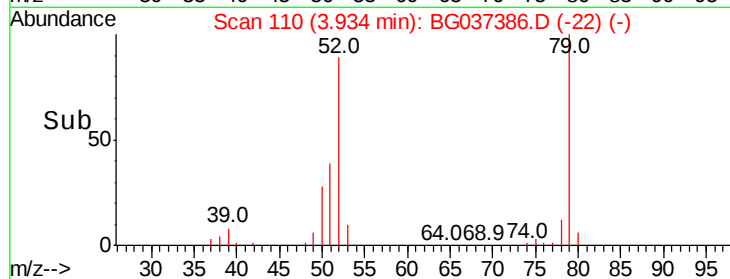
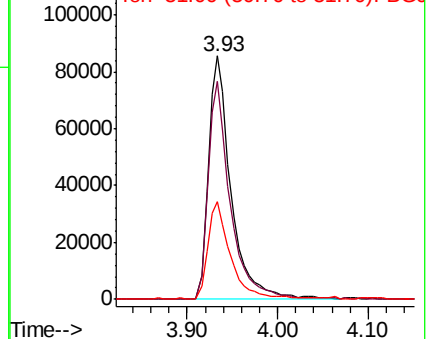
79 100

52 89.4 74.2 111.2

51 40.0 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 40.651 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

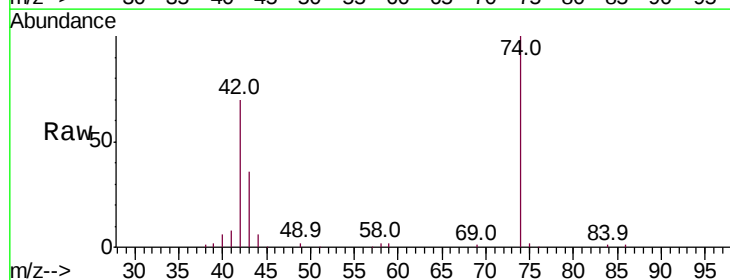
Tgt Ion: 42 Resp: 68760

Ion Ratio Lower Upper

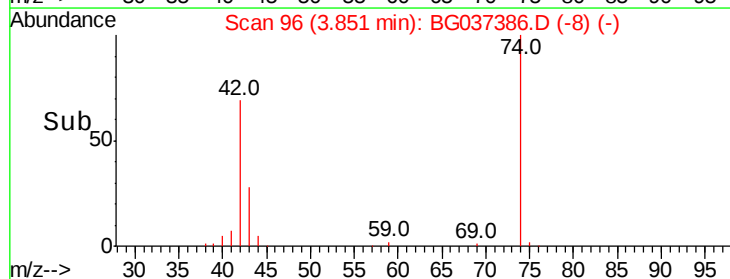
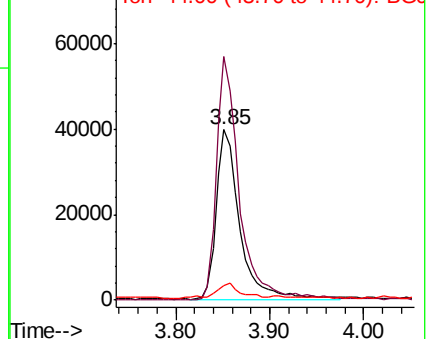
42 100

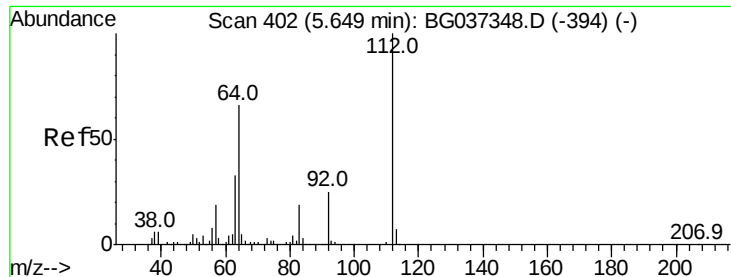
74 143.2 102.0 153.0

44 8.8 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: 159.943 ng

RT: 5.65 min Scan# 402

Delta R.T. -0.00 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

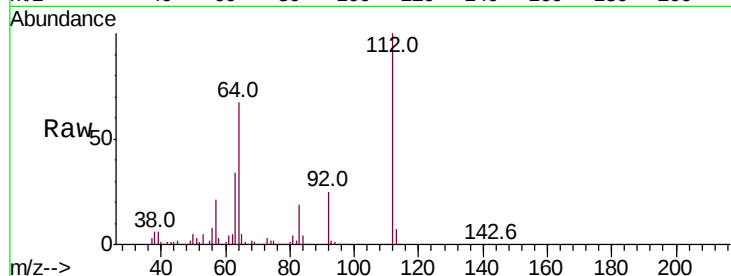
Tot Ion:112 Resp: 522433

Ion Ratio Lower Upper

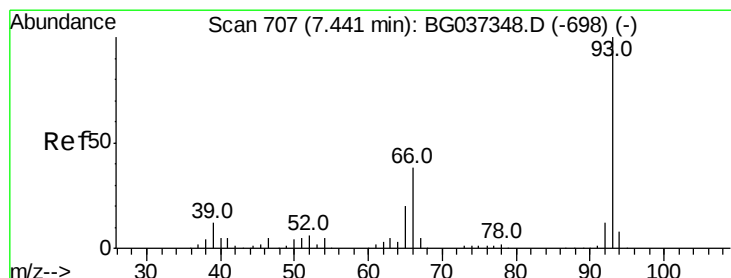
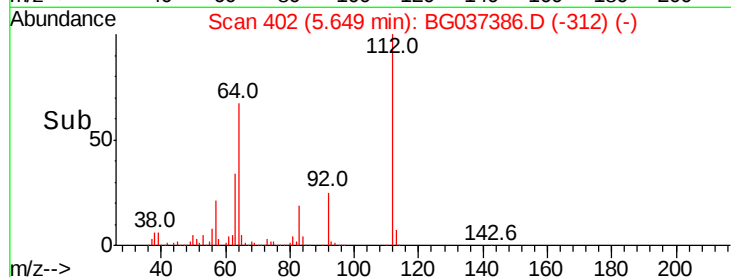
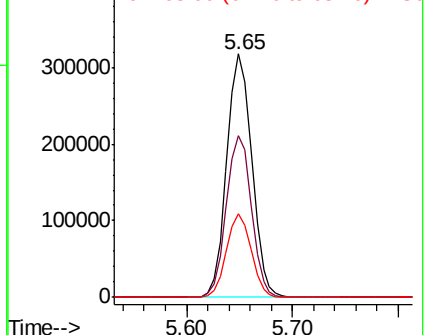
112 100

64 66.5 53.1 79.7

63 34.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.166 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

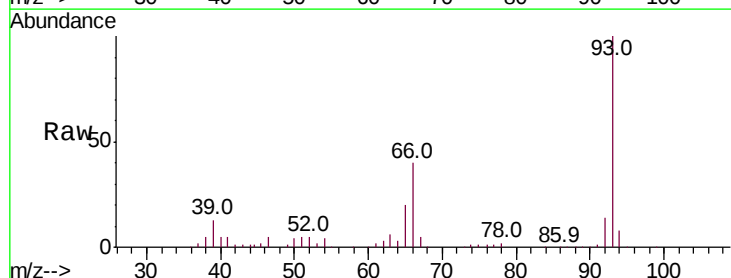
Tgt Ion: 93 Resp: 234719

Ion Ratio Lower Upper

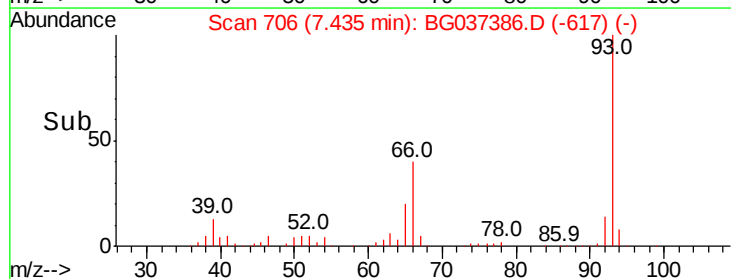
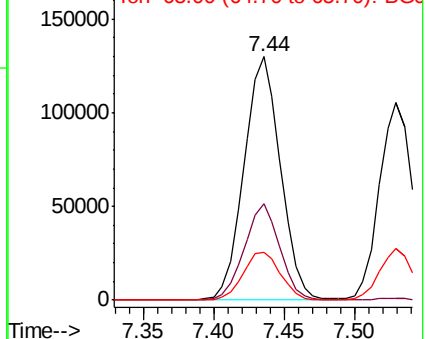
93 100

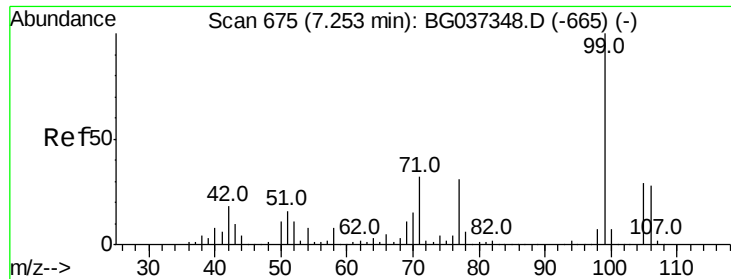
66 39.7 32.8 49.2

65 19.8 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: 150.773 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampled :

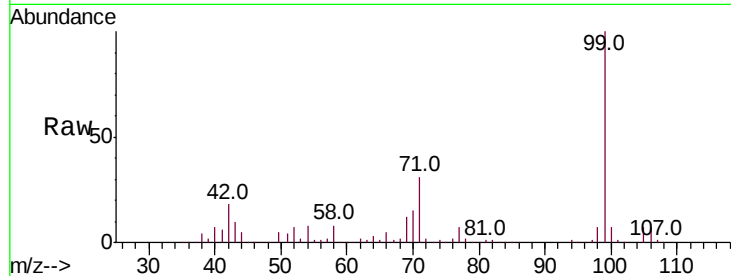
Tot Ion: 99 Resp: 747506

Ion Ratio Lower Upper

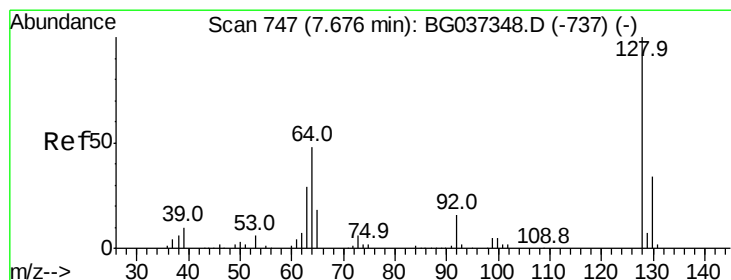
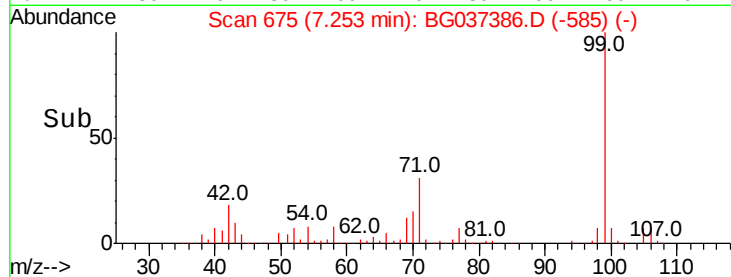
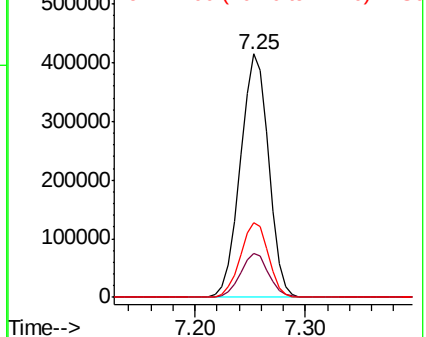
99 100

42 18.1 15.0 22.4

71 30.9 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: 49.961 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

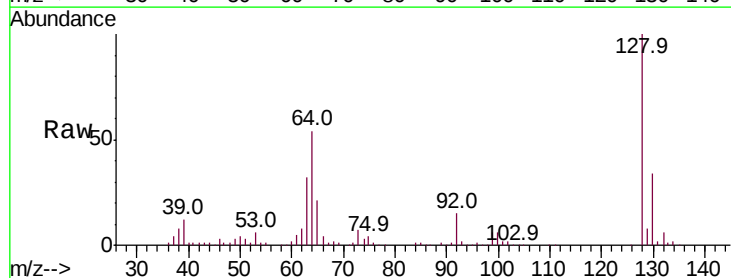
Tgt Ion: 128 Resp: 190992

Ion Ratio Lower Upper

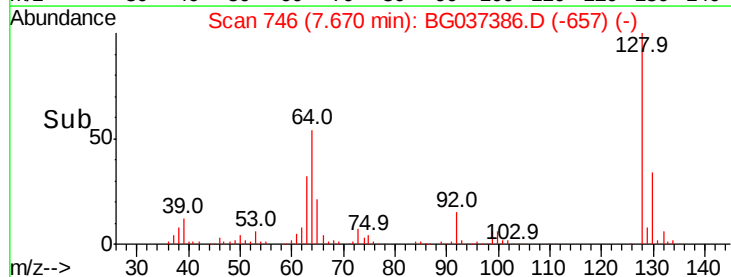
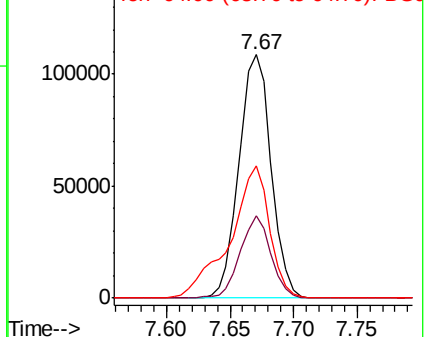
128 100

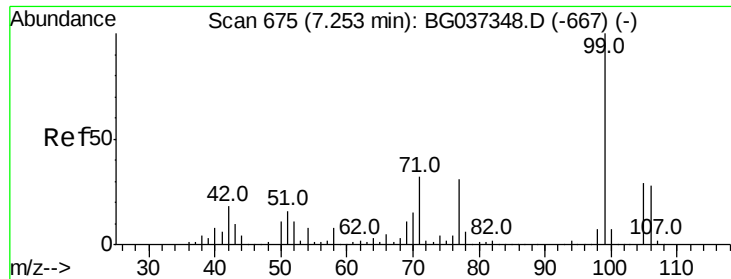
130 33.7 12.0 52.0

64 54.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 16.528 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

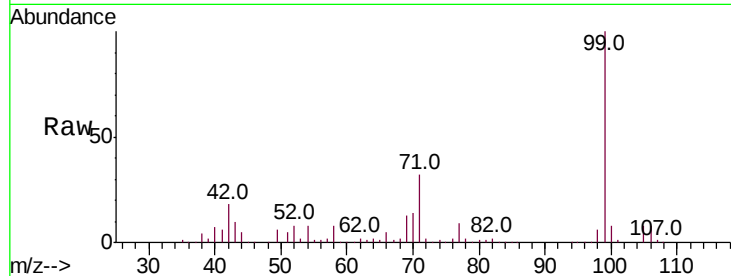
Tot Ion: 77 Resp: 56418

Ion Ratio Lower Upper

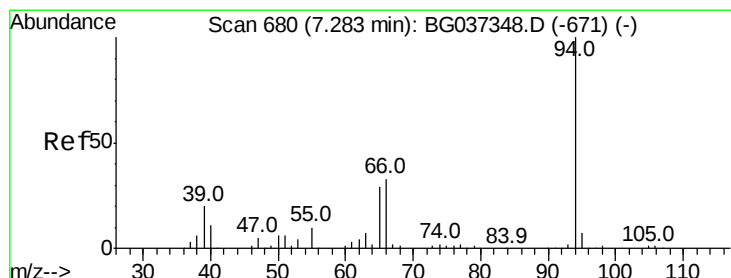
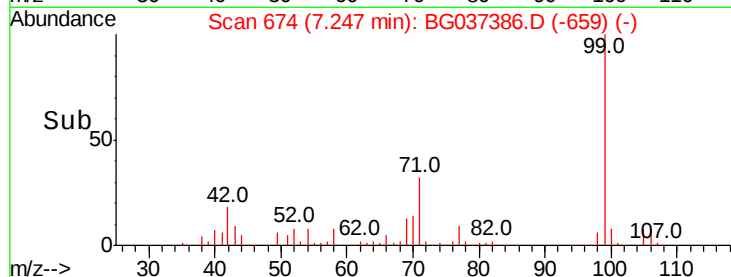
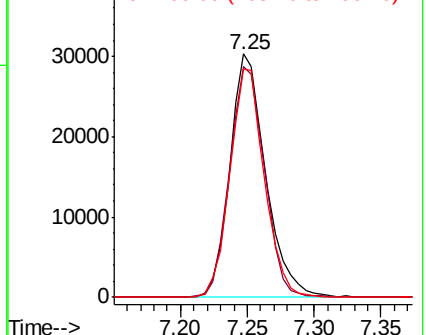
77 100

105 94.8 72.6 112.6

106 93.6 71.3 111.3



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



#10

Phenol

Concen: 49.877 ng

RT: 7.28 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

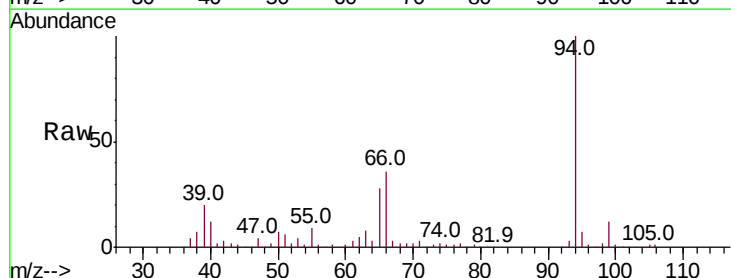
Tgt Ion: 94 Resp: 260435

Ion Ratio Lower Upper

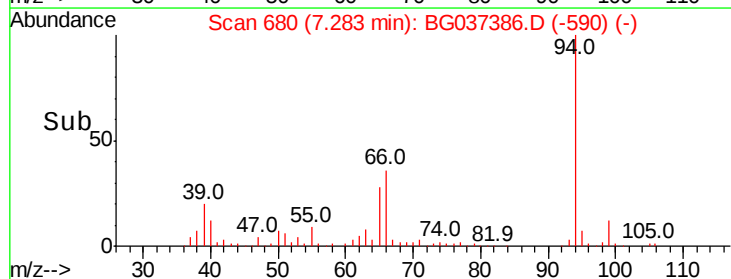
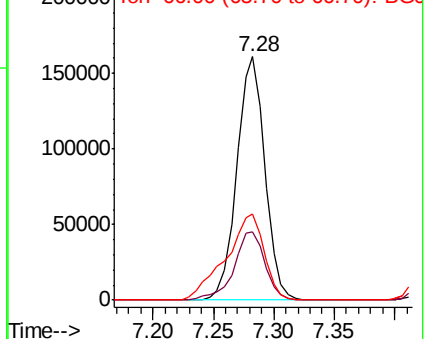
94 100

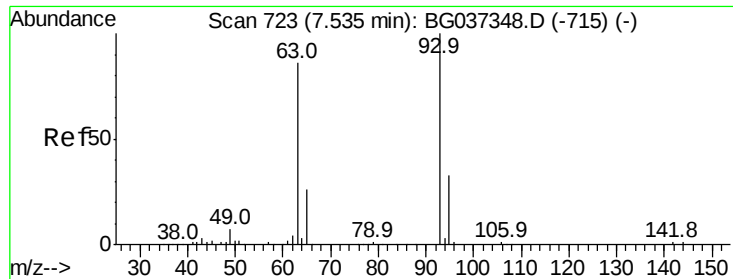
65 27.9 9.7 49.7

66 35.6 15.9 55.9



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

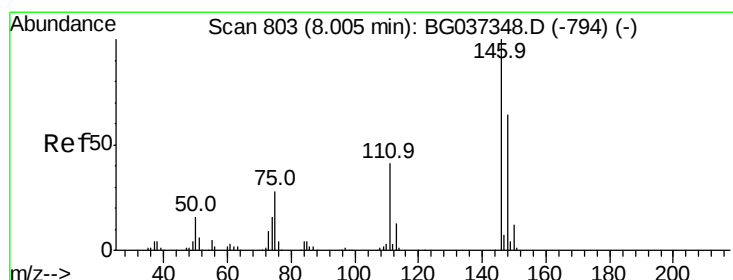
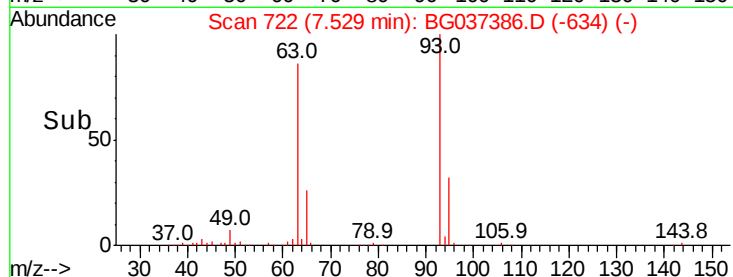
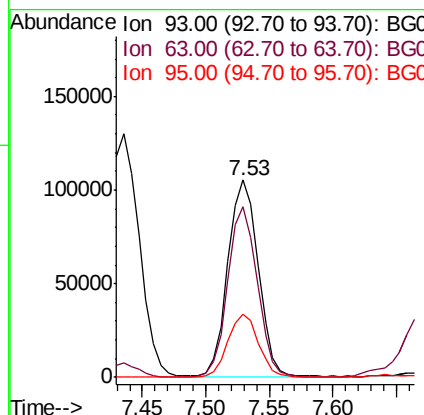
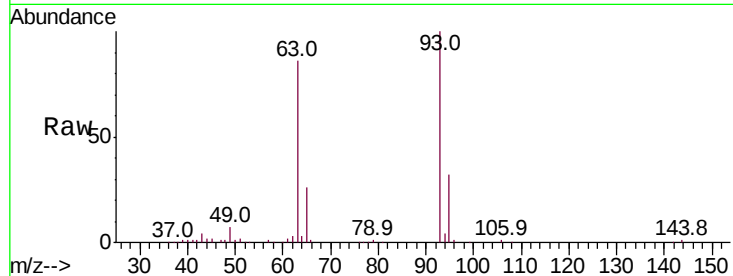




#11
bis(2-Chloroethyl)ether
Concen: 41.048 ng
RT: 7.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

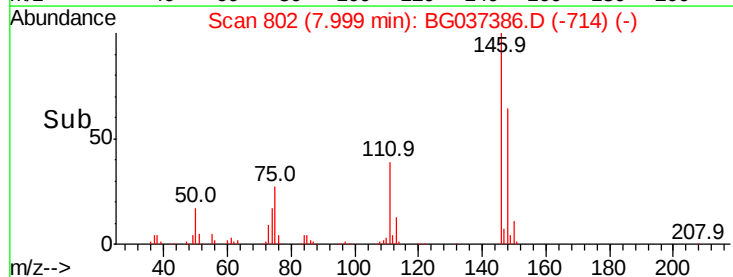
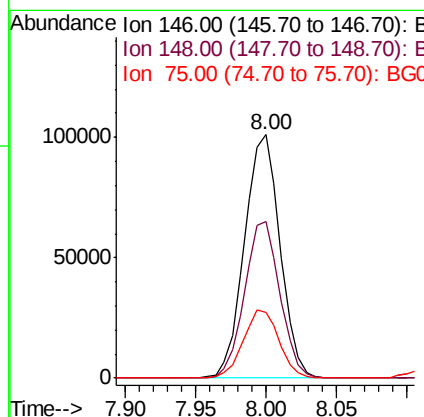
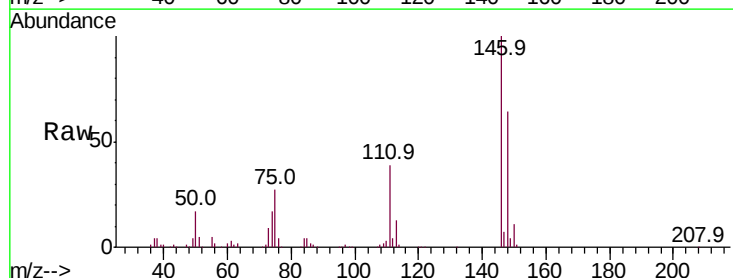
Instrument :
BNA_G
ClientSampleId :

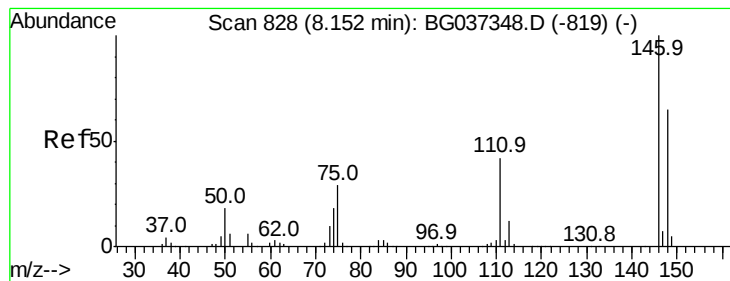
Tot Ion: 93 Resp: 175104
Ion Ratio Lower Upper
93 100
63 86.4 69.5 109.5
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.713 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:146 Resp: 178471
Ion Ratio Lower Upper
146 100
148 64.3 49.8 74.8
75 27.1 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 40.126 ng

RT: 8.15 min Scan# 827

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampled :

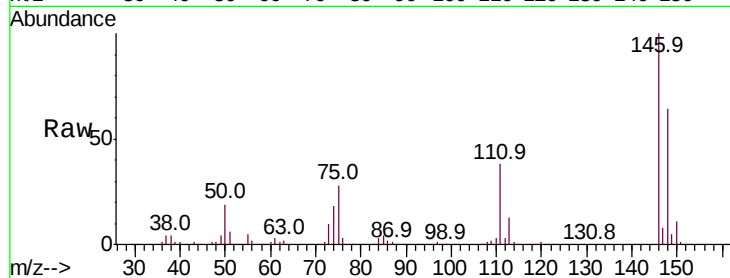
Tot Ion:146 Resp: 182573

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

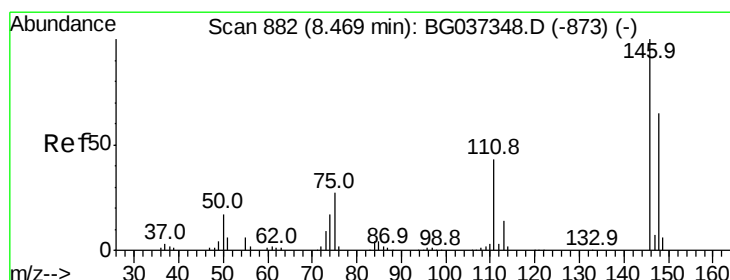
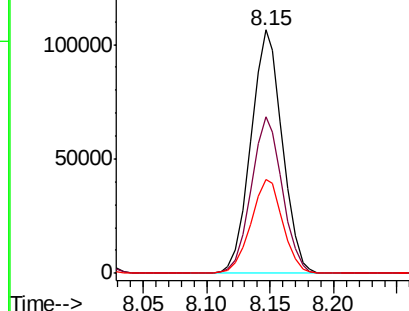
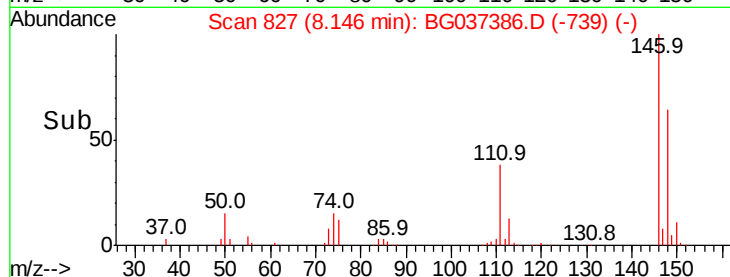
111 38.4 32.4 48.6



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: 39.292 ng

RT: 8.46 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

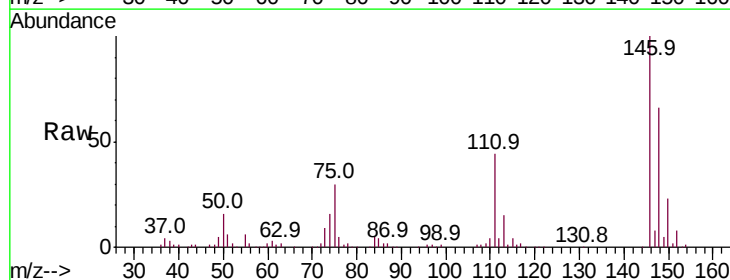
Tgt Ion:146 Resp: 173237

Ion Ratio Lower Upper

146 100

148 66.0 50.4 75.6

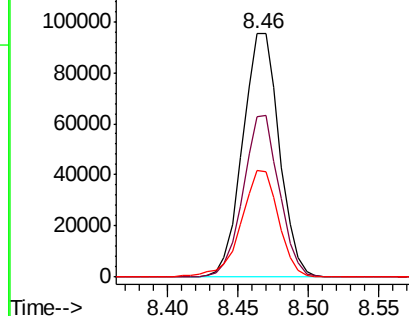
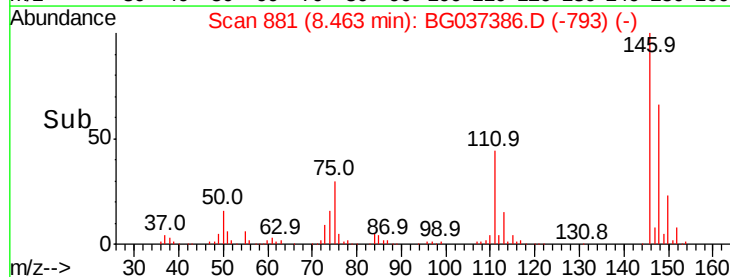
111 43.9 34.6 51.8

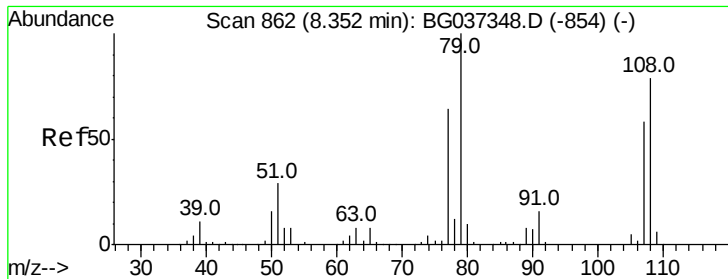


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.661 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampled :

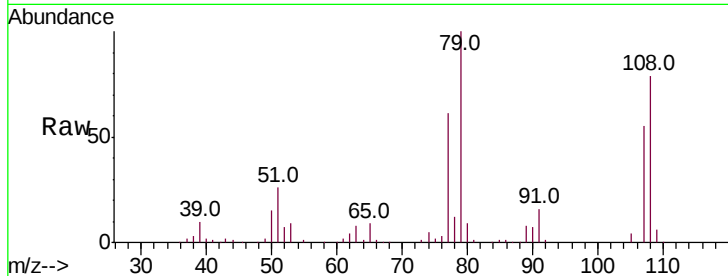
Tot Ion: 79 Resp: 177076

Ion Ratio Lower Upper

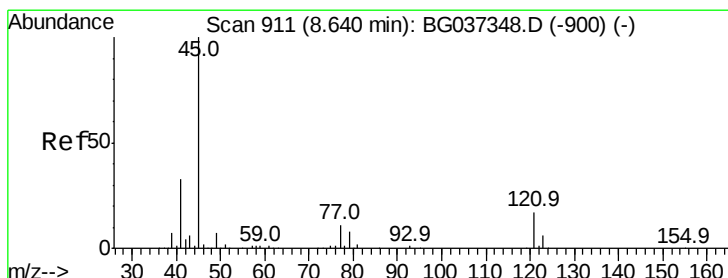
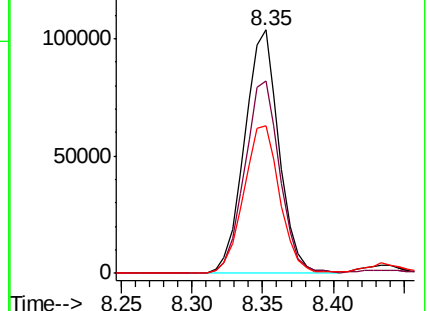
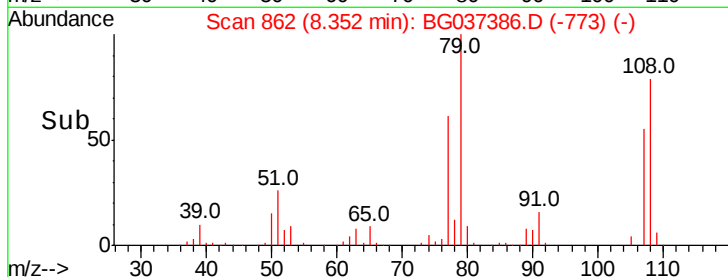
79 100

108 79.1 65.8 98.8

77 60.7 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.232 ng

RT: 8.63 min Scan# 910

Delta R.T. -0.02 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

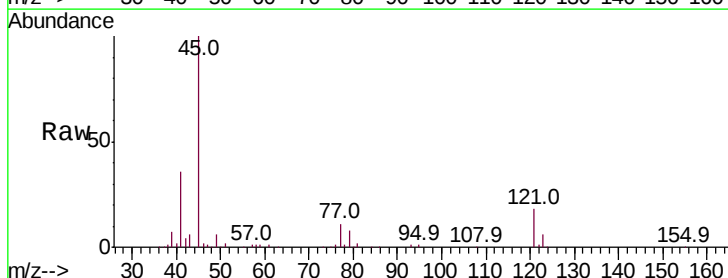
Tgt Ion: 45 Resp: 313980

Ion Ratio Lower Upper

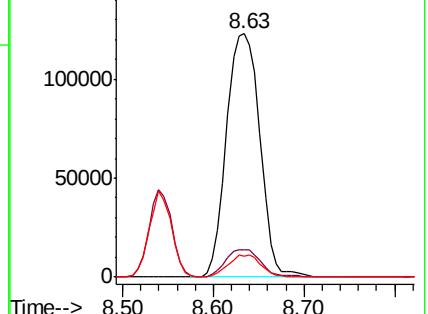
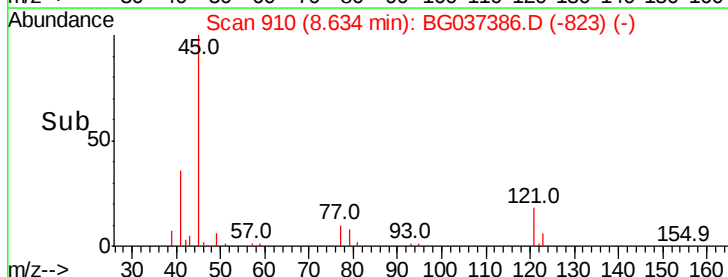
45 100

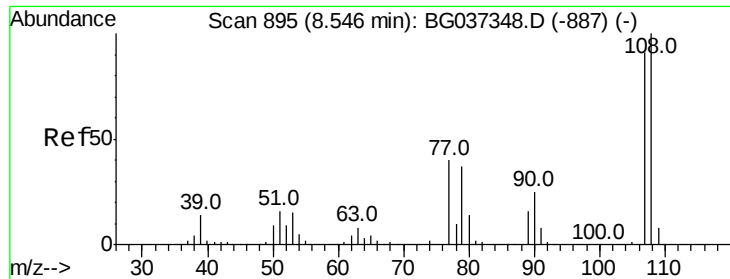
77 11.2 0.0 30.0

79 8.5 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

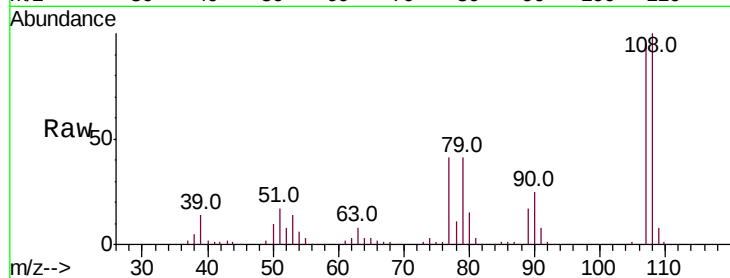




#17
2-Methylphenol
Concen: 50.838 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	177782
Ion	Ratio	Lower	Upper
107	100		
108	105.4	87.9	131.9
77	43.6	35.1	52.7
79	43.3	34.5	51.7



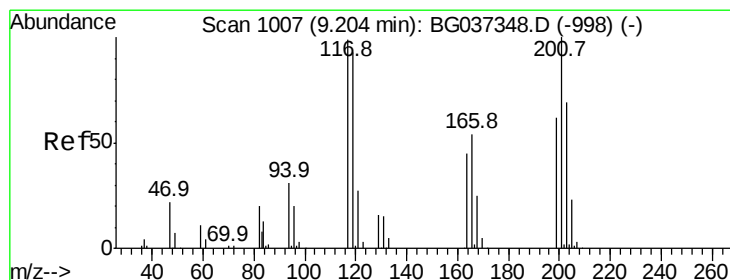
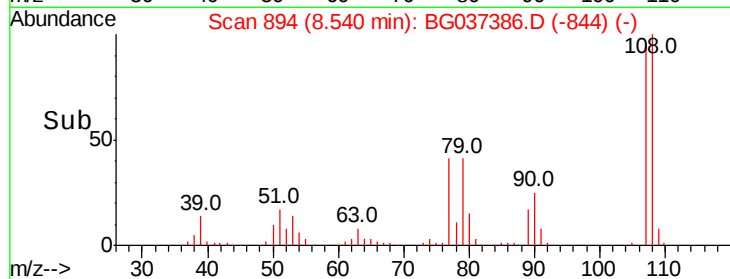
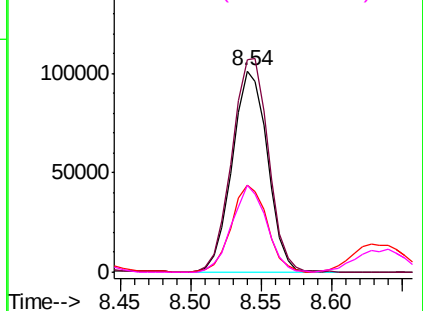
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

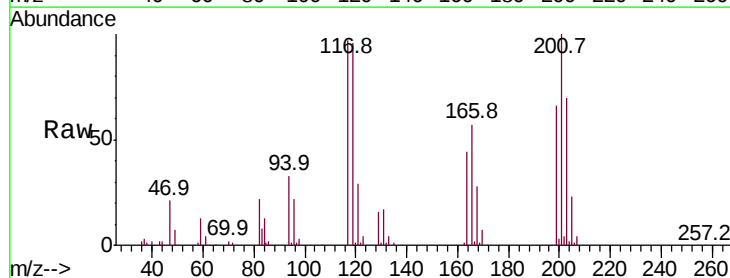
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.071 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:	117	Resp:	63781
Ion	Ratio	Lower	Upper
117	100		
119	99.1	74.6	111.8
201	103.1	80.8	121.2

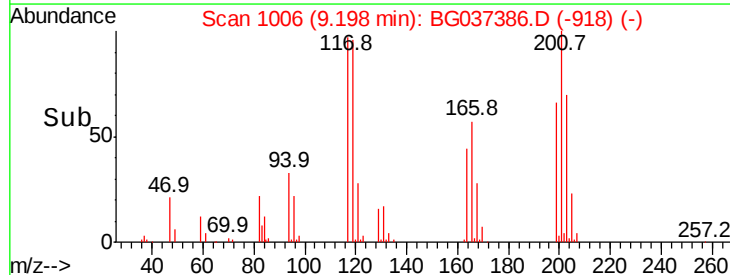
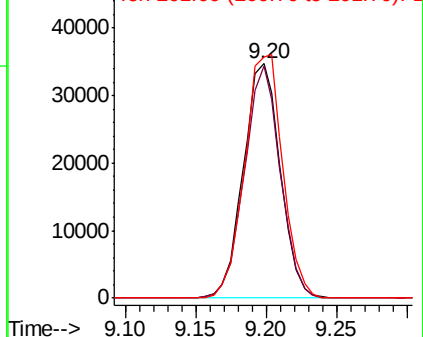


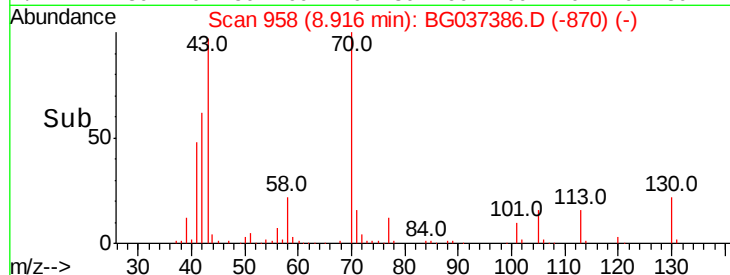
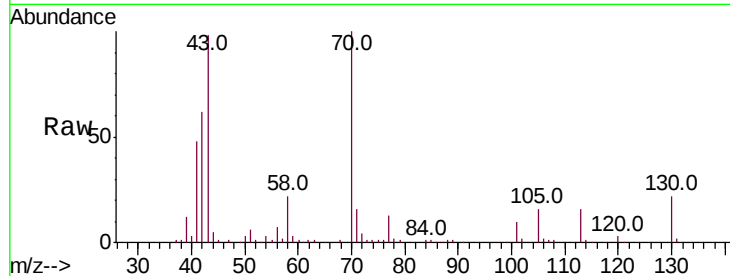
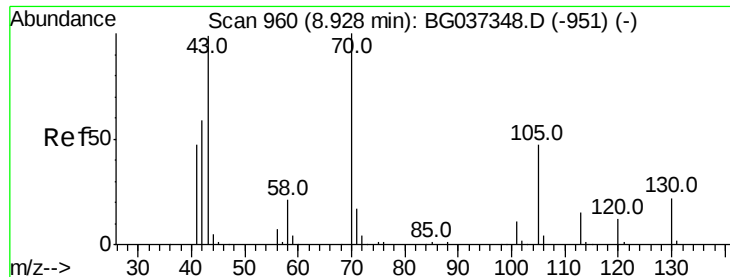
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

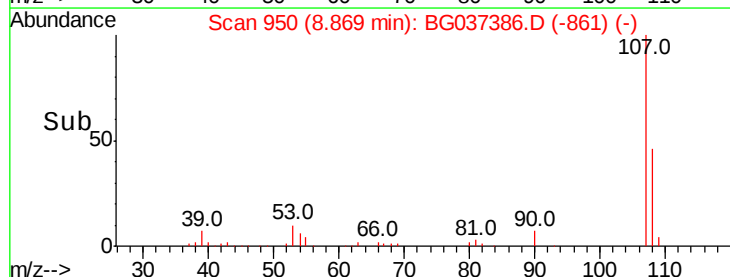
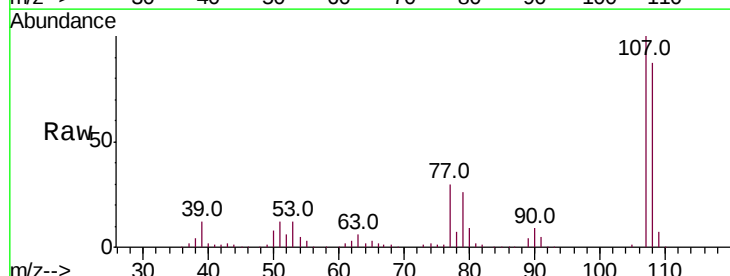
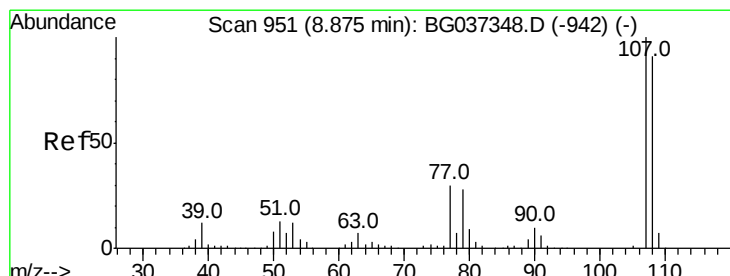
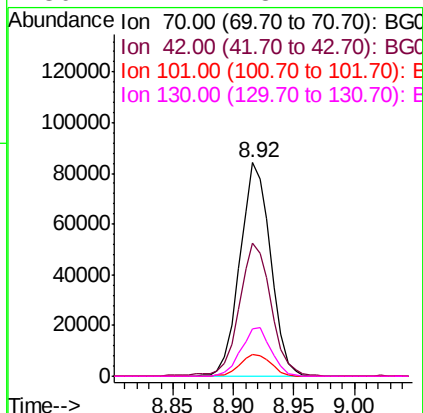




#19
n-Nitroso-di-n-propylamine
Concen: 39.567 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

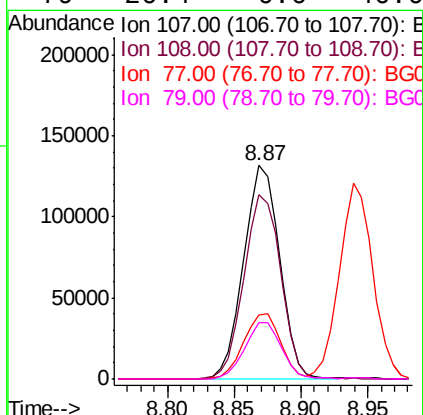
Instrument :
BNA_G
ClientSampleId :

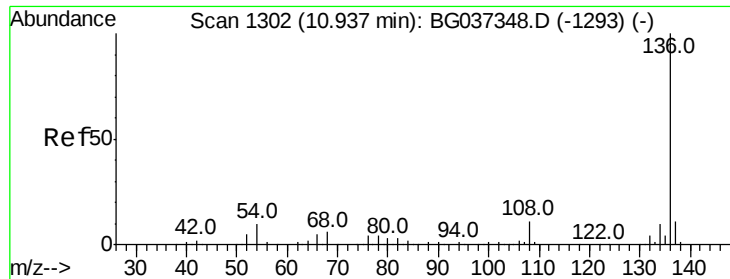
Tot Ion: 70 Resp: 148519
Ion Ratio Lower Upper
70 100
42 62.5 53.9 80.9
101 10.3 8.2 12.2
130 22.4 18.2 27.4



#20
3+4-Methylphenols
Concen: 50.355 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion: 107 Resp: 246225
Ion Ratio Lower Upper
107 100
108 86.6 69.9 109.9
77 30.0 11.2 51.2
79 26.4 6.6 46.6

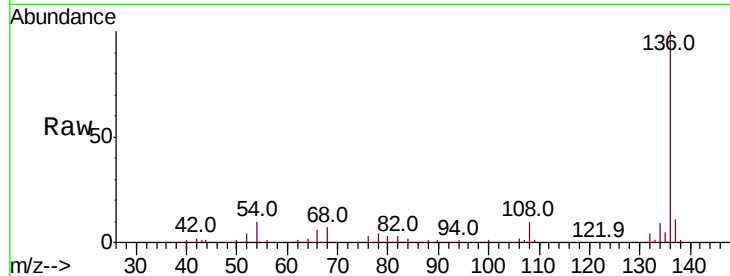




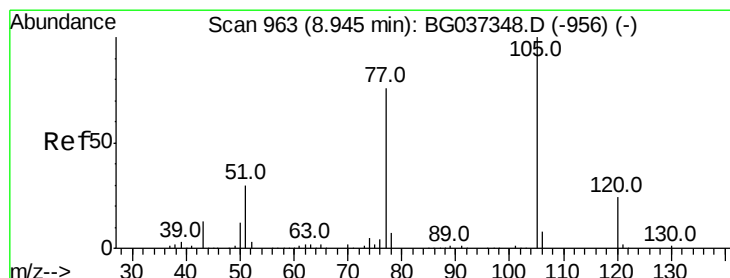
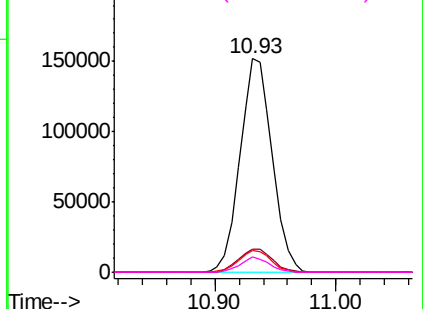
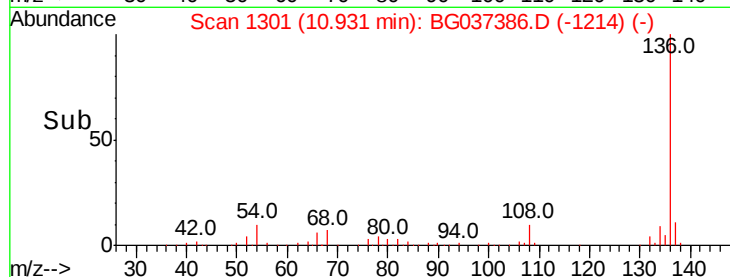
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	280436	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.6	14.4	
54 10.3	7.9	11.9	
68 7.0	4.8	7.2	

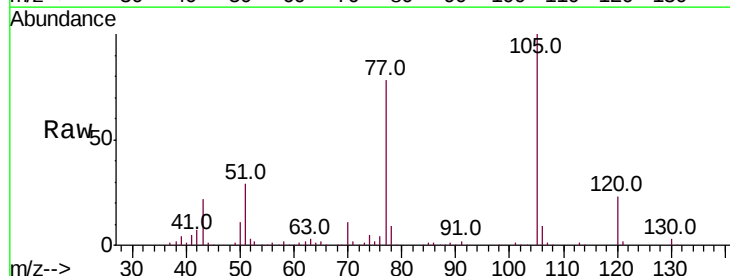


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

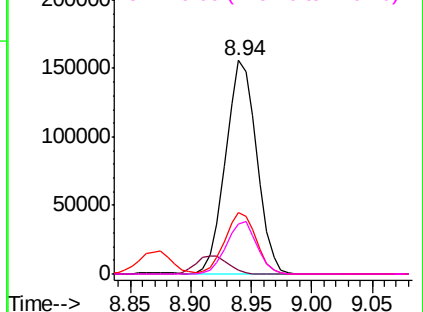
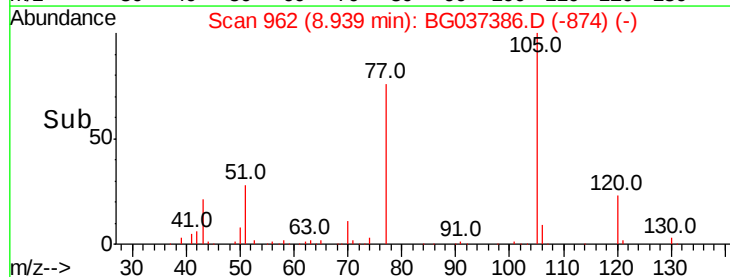


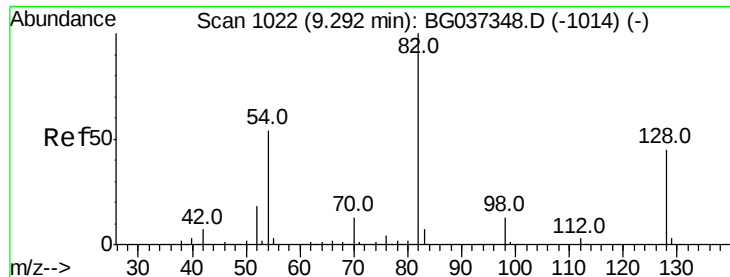
#22
Acetophenone
Concen: 39.466 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt	Ion:105	Resp:	278998
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.2	1.8
51	28.6	25.0	37.6
120	23.4	18.6	28.0



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

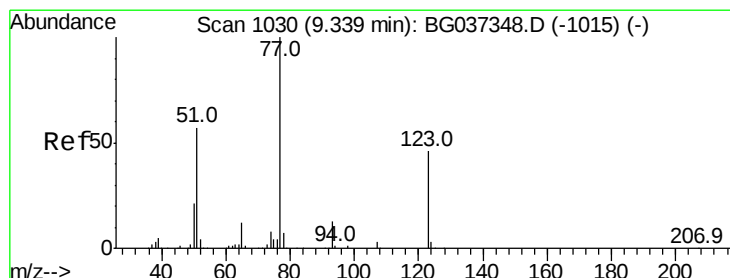
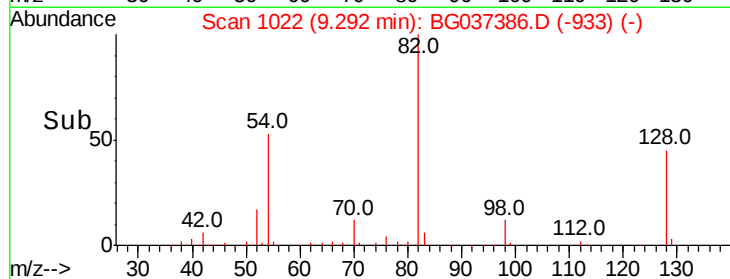
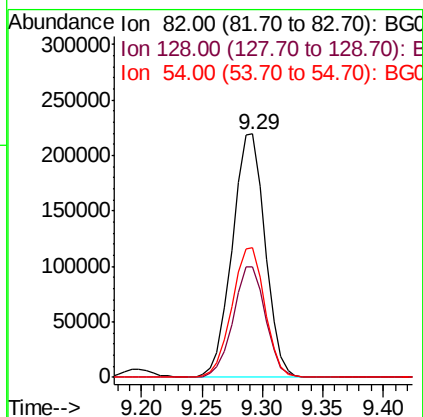
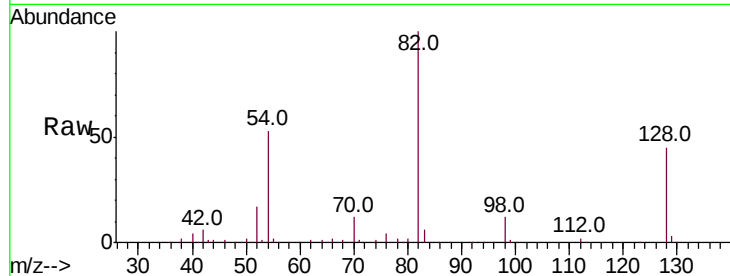




#23
 Nitrobenzene-d5
 Concen: 97.781 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

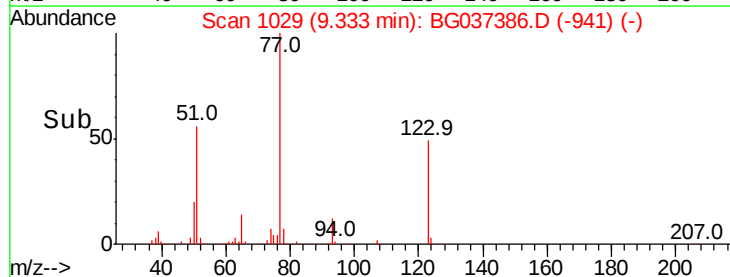
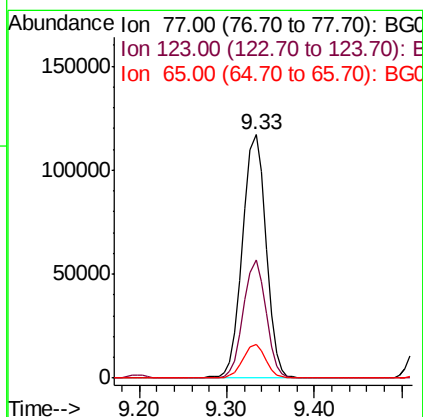
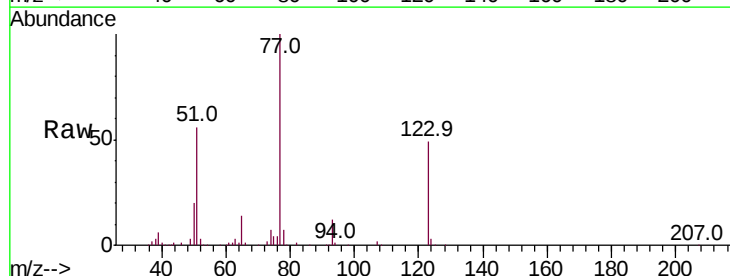
Instrument :
 BNA_G
 ClientSampled :

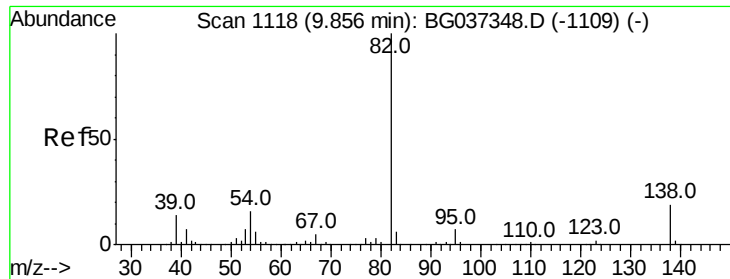
Tot Ion: 82 Resp: 417087
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.6 51.8
 54 53.2 45.3 67.9



#24
 Nitrobenzene
 Concen: 46.310 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Tgt Ion: 77 Resp: 211576
 Ion Ratio Lower Upper
 77 100
 123 48.7 33.6 50.4
 65 13.8 11.3 16.9

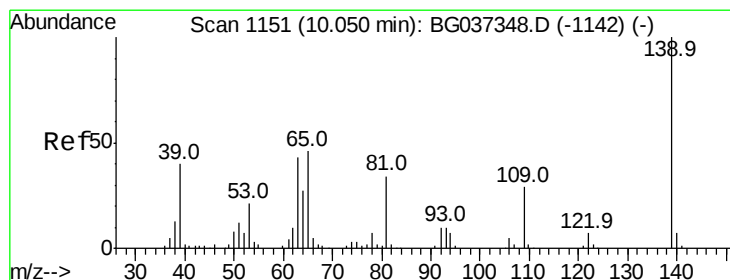
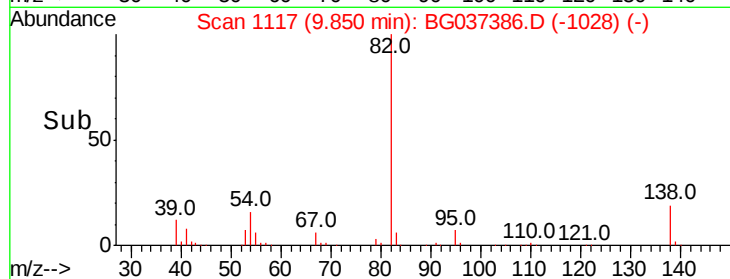
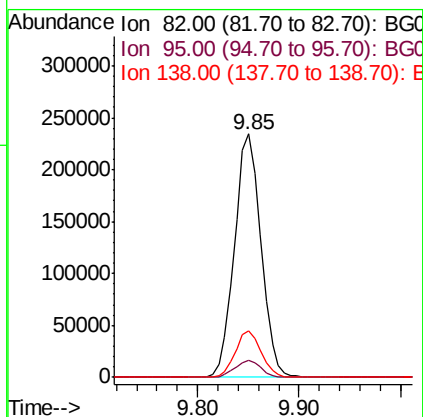
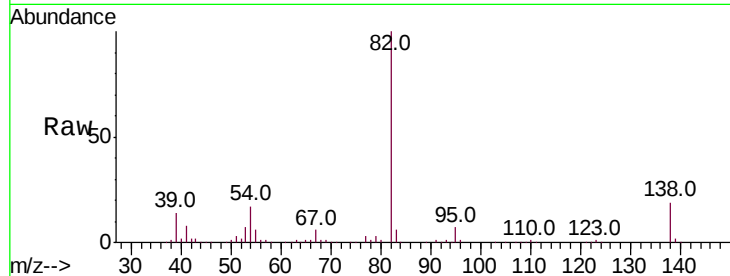




#25
Isophorone
Concen: 43.713 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

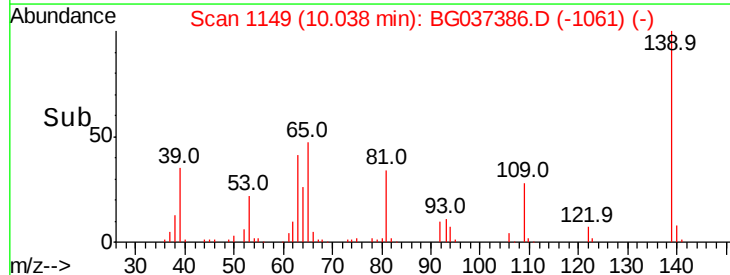
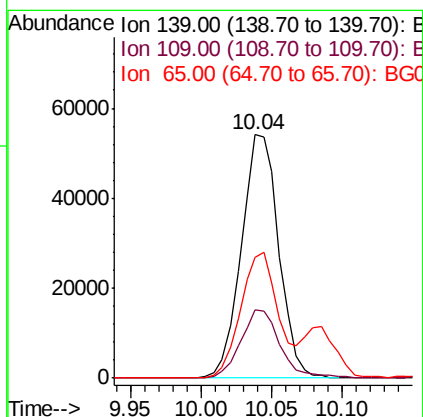
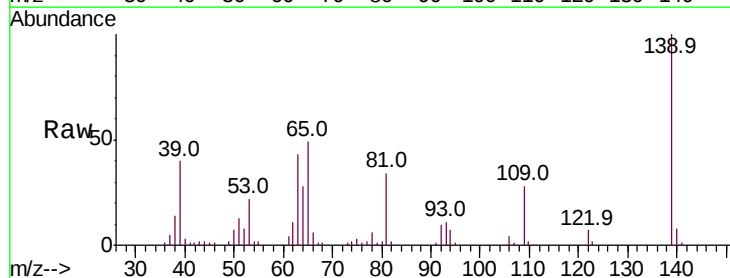
Instrument :
BNA_G
ClientSampleId :

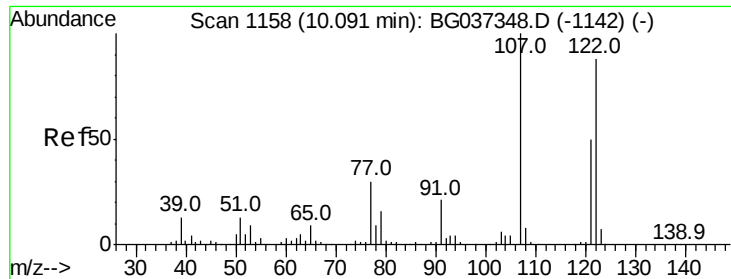
Tot Ion: 82 Resp: 425659
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.9 13.3 19.9



#26
2-Nitrophenol
Concen: 56.186 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:139 Resp: 100303
Ion Ratio Lower Upper
139 100
109 28.0 23.3 34.9
65 49.5 39.8 59.8

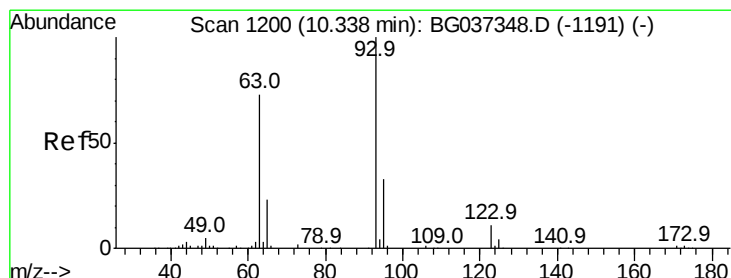
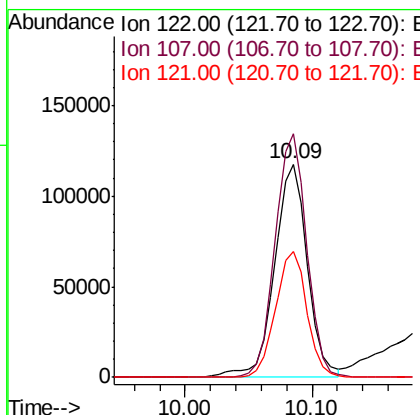
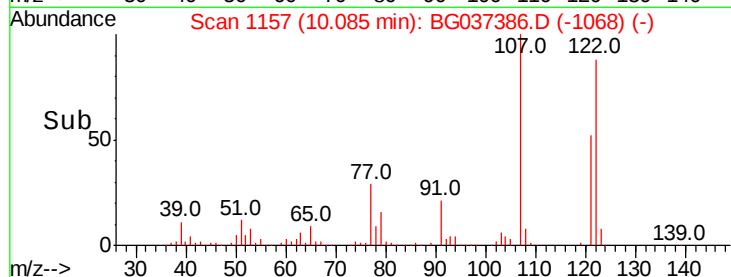
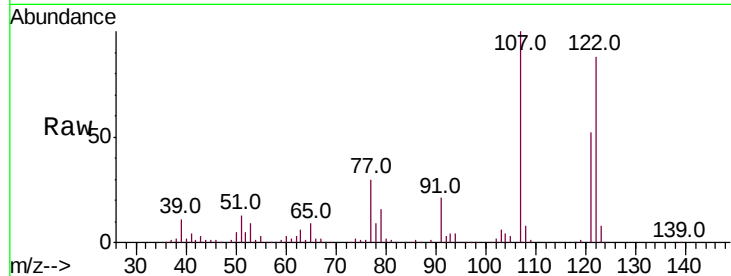




#27
2,4-Dimethylphenol
Concen: 52.168 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

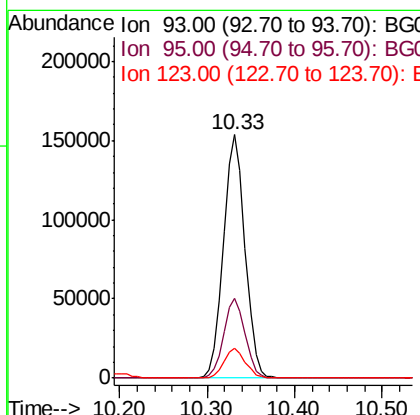
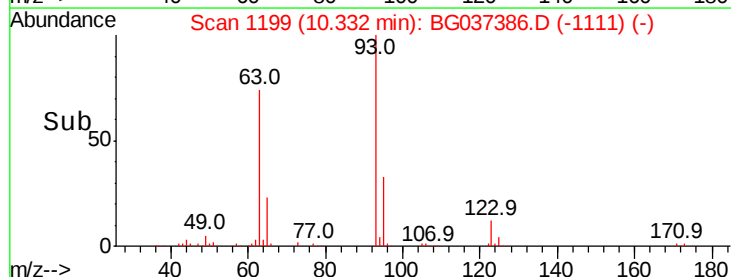
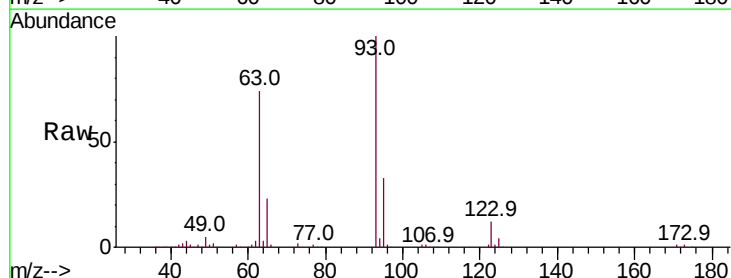
Instrument :
BNA_G
ClientSampleId :

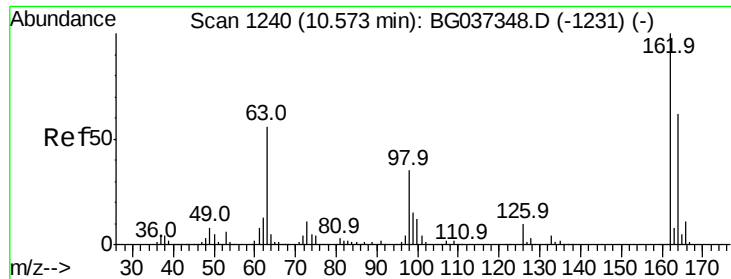
Tot Ion:122 Resp: 212328
Ion Ratio Lower Upper
122 100
107 114.1 94.2 141.2
121 59.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.486 ng
RT: 10.33 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion: 93 Resp: 258833
Ion Ratio Lower Upper
93 100
95 32.9 24.6 37.0
123 12.4 9.1 13.7

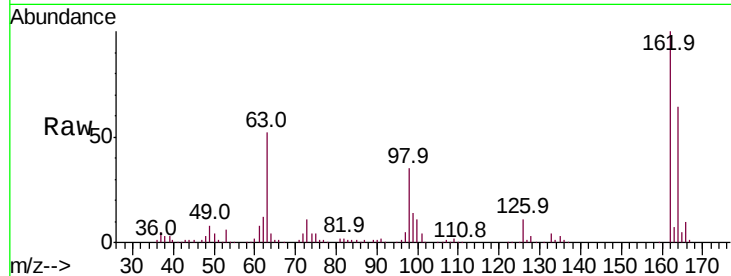




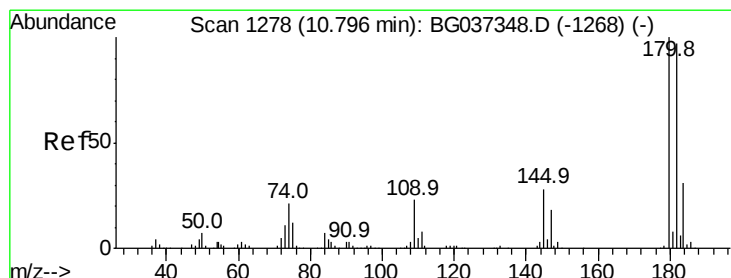
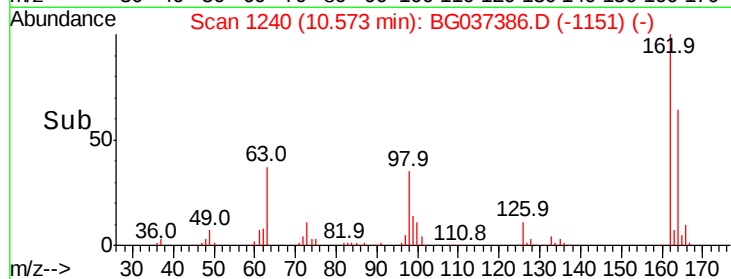
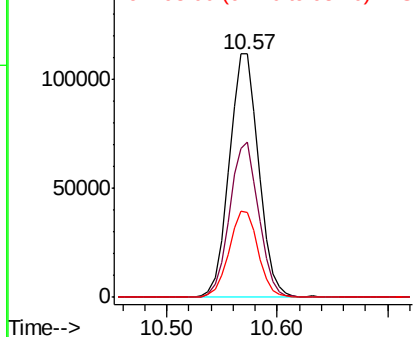
#29
 2,4-Dichlorophenol
 Concen: 50.715 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.2	83.2
98	34.7	16.0	56.0

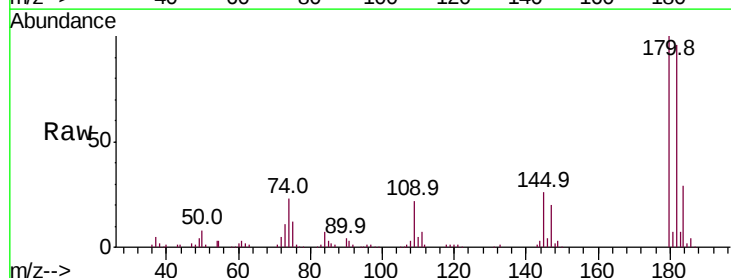


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

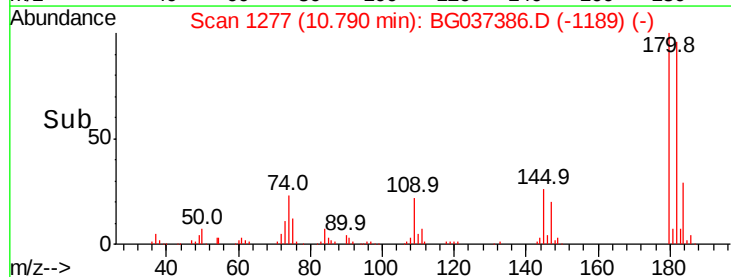
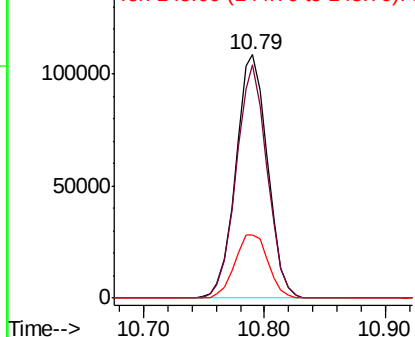


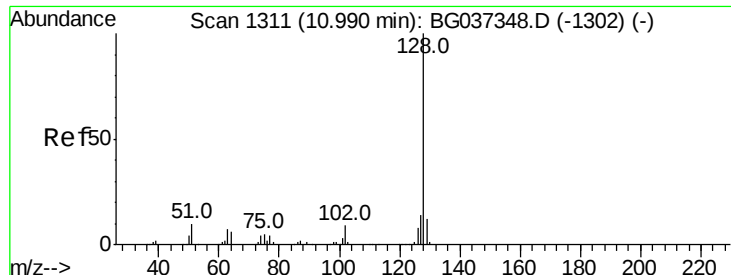
#30
 1,2,4-Trichlorobenzene
 Concen: 39.308 ng
 RT: 10.79 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.7	116.5
145	25.9	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

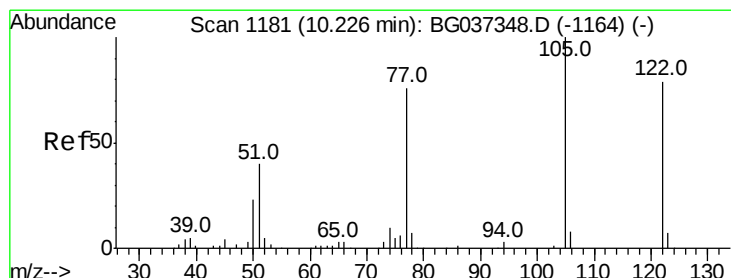
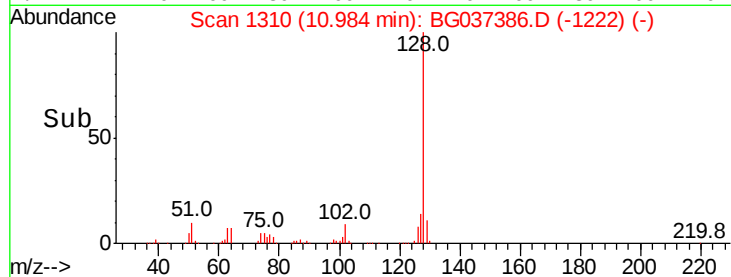
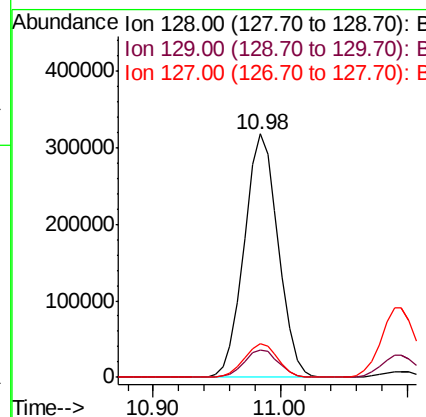
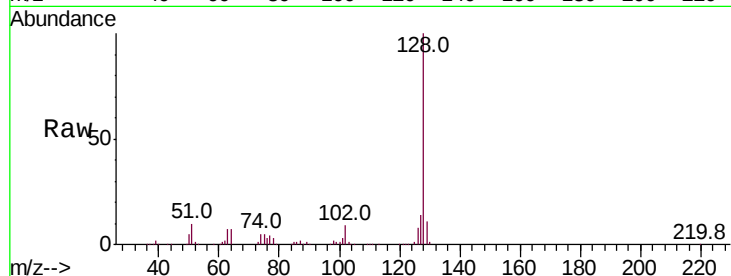




#31
Naphthalene
Concen: 43.212 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

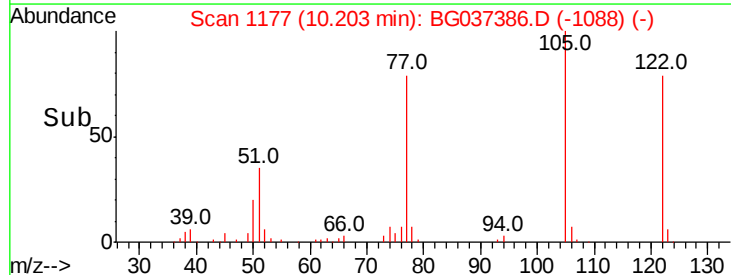
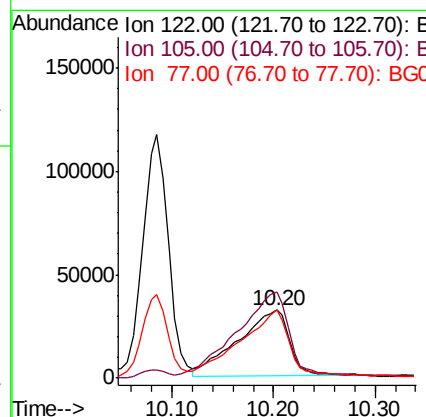
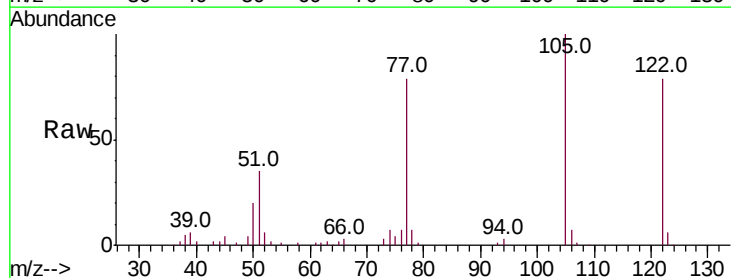
Instrument :
BNA_G
ClientSampleId :

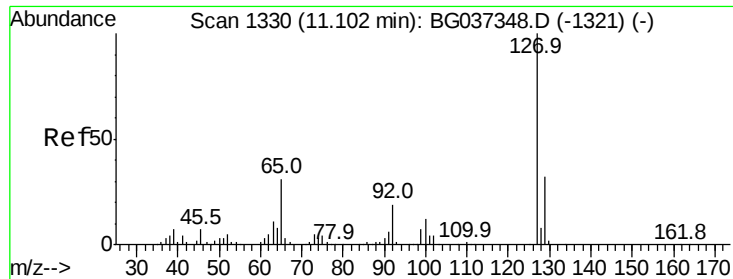
Tot Ion:128 Resp: 588940
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 50.415 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:122 Resp: 113303
Ion Ratio Lower Upper
122 100
105 127.3 106.7 146.7
77 100.5 72.2 112.2

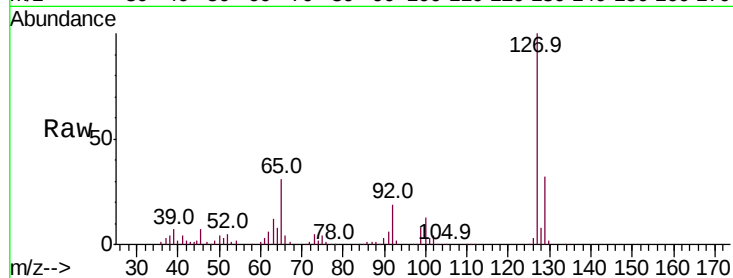




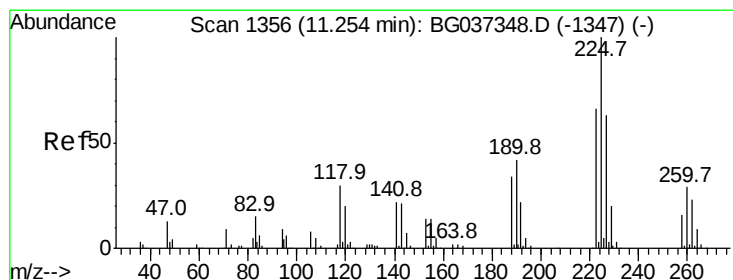
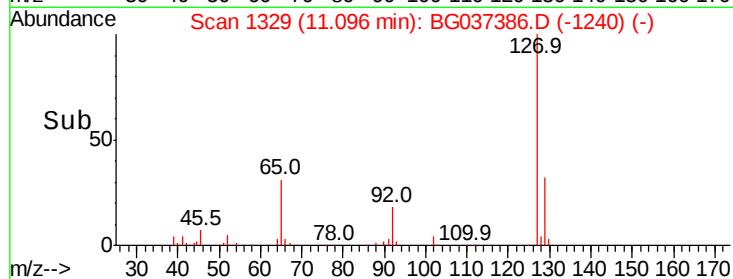
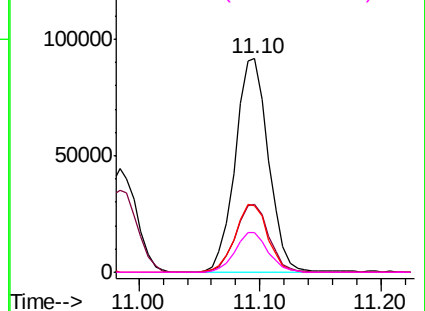
#33
4-Chloroaniline
Concen: 27.469 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	175620
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.1	40.7
65	31.2	26.6	39.8
92	18.5	16.4	24.6

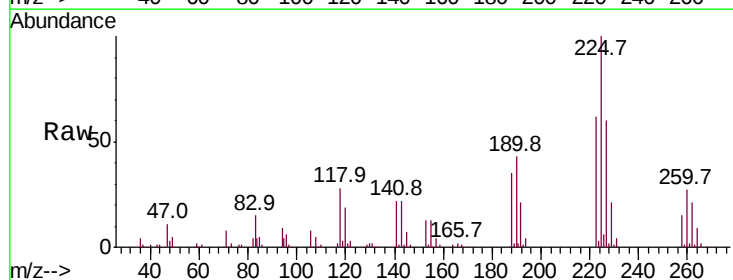


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

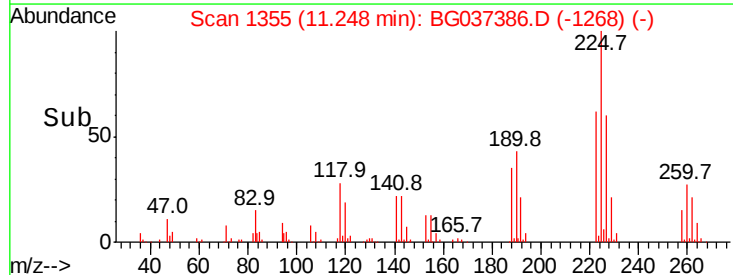
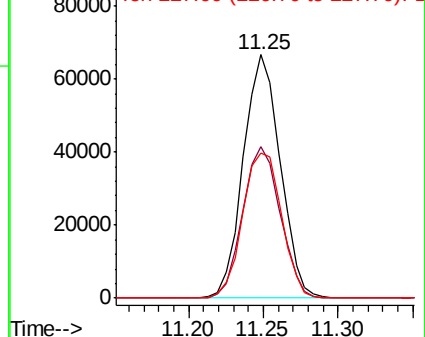


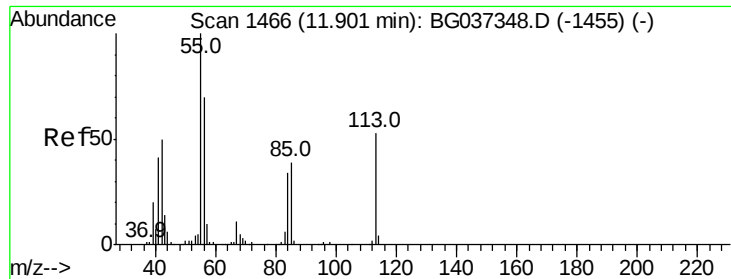
#34
Hexachlorobutadiene
Concen: 36.520 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:	225	Resp:	114020
Ion	Ratio	Lower	Upper
225	100		
223	58.7	48.2	72.4
227	58.6	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

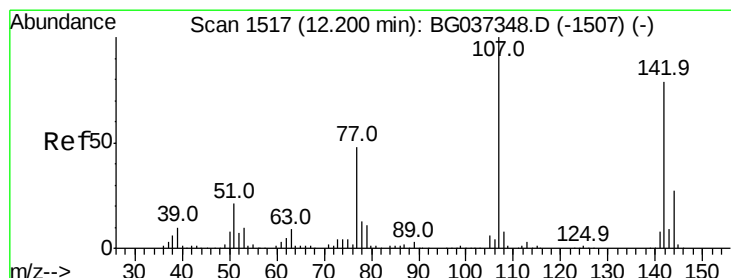
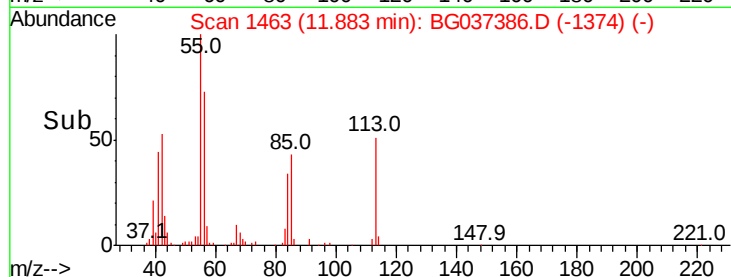
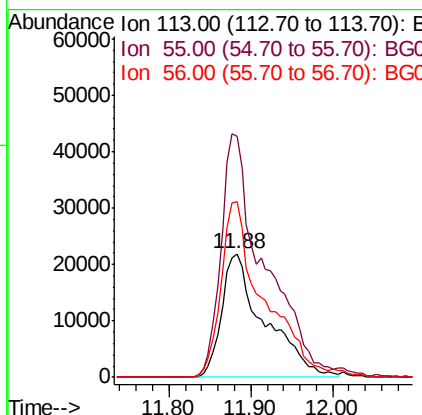
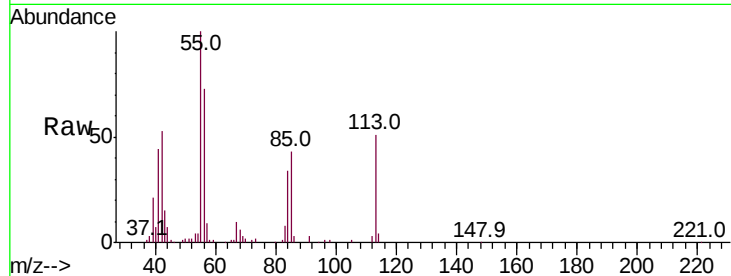




#35
 Caprolactam
 Concen: 47.498 ng
 RT: 11.88 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

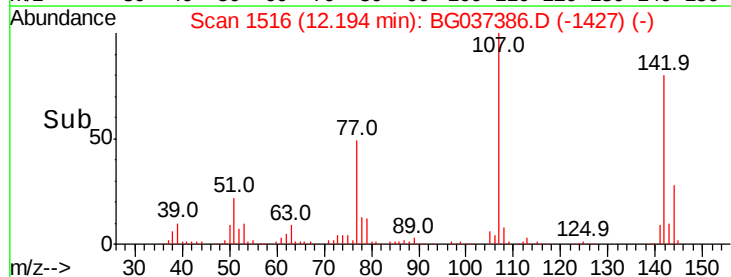
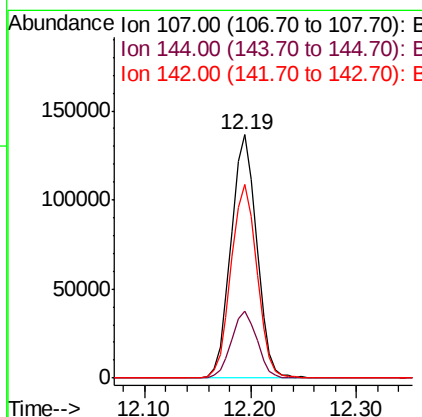
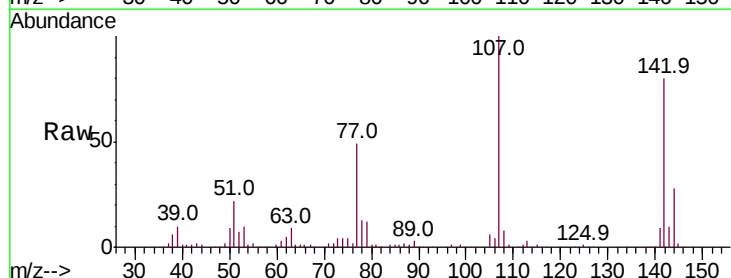
Instrument :
 BNA_G
 ClientSampled :

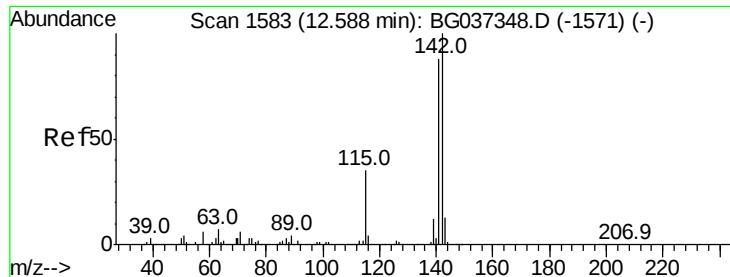
Tot Ion:113 Resp: 80002
 Ion Ratio Lower Upper
 113 100
 55 194.8 176.6 216.6
 56 142.2 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.051 ng
 RT: 12.19 min Scan# 1516
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Tgt Ion:107 Resp: 229582
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.7 31.1
 142 79.7 64.4 96.6

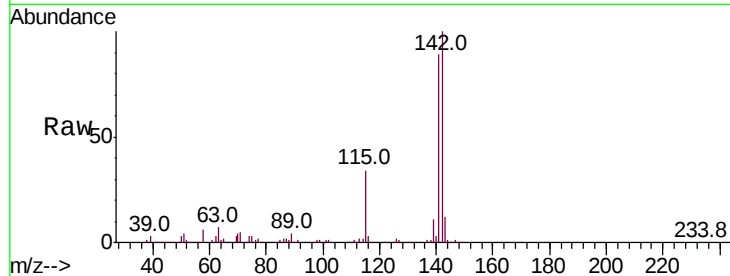




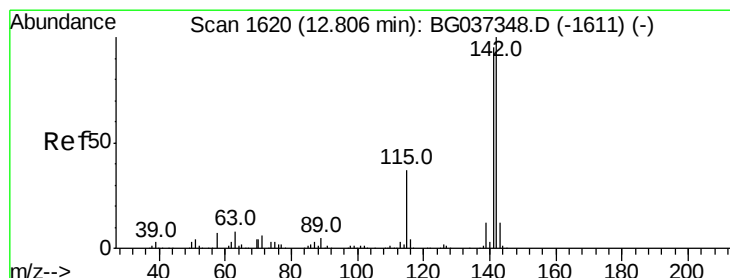
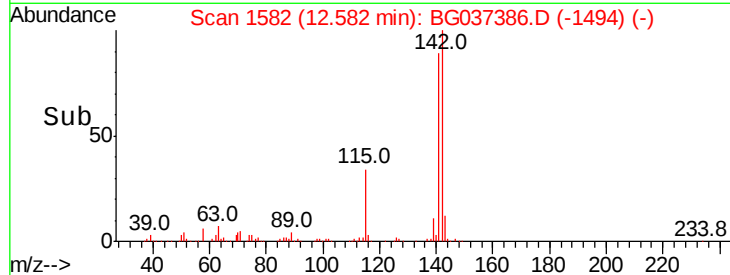
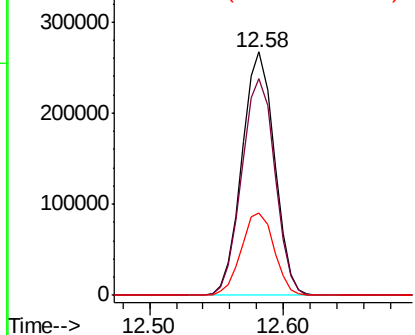
#37
2-Methylnaphthalene
Concen: 45.299 ng
RT: 12.58 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
115	33.7	27.8	41.8

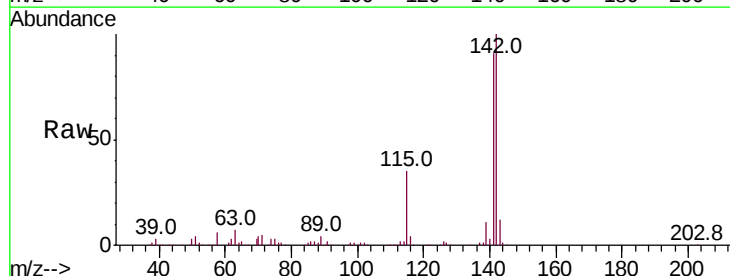


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

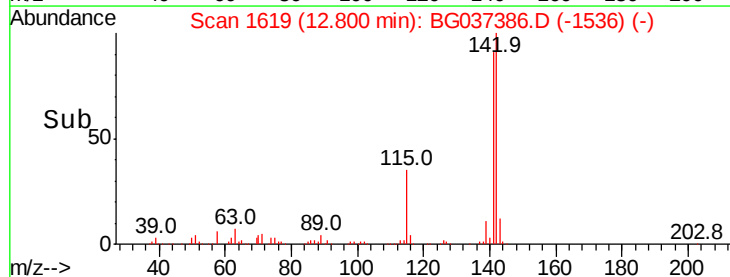
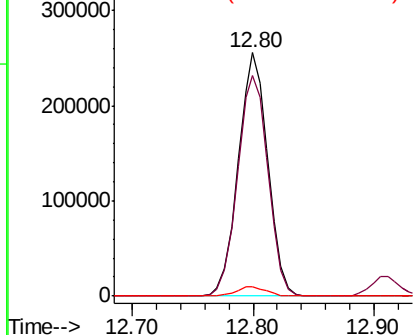


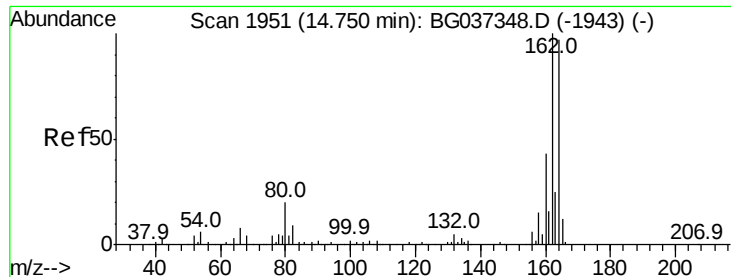
#38
1-Methylnaphthalene
Concen: 44.563 ng
RT: 12.80 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	75.2	112.8
116	3.7	3.3	4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

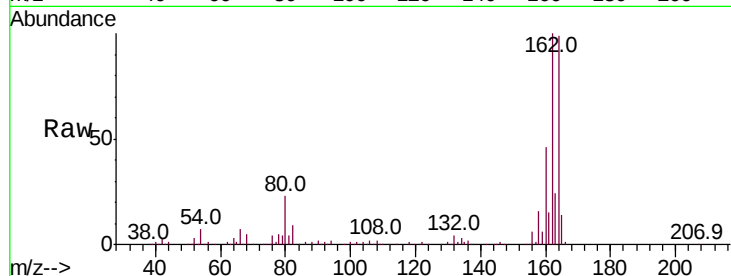
Tot Ion:164 Resp: 189544

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

160 46.2 36.3 54.5

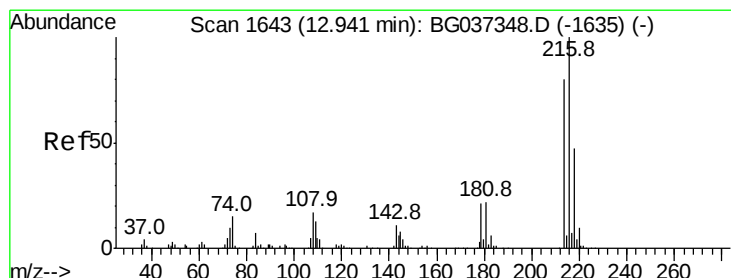
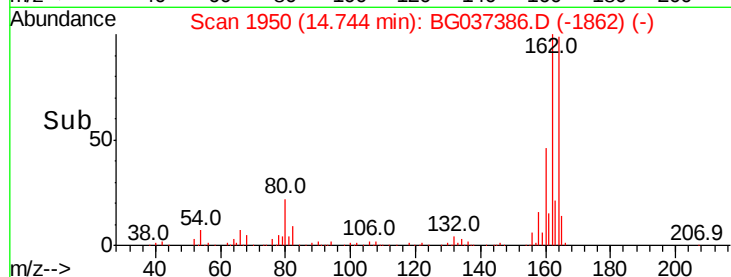
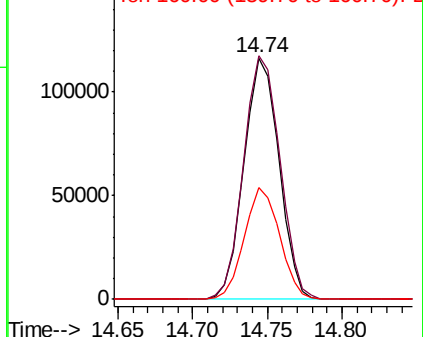


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.980 ng

RT: 12.94 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Tgt Ion:216 Resp: 226989

Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 20.3 17.4 26.0

108 19.8 13.9 20.9

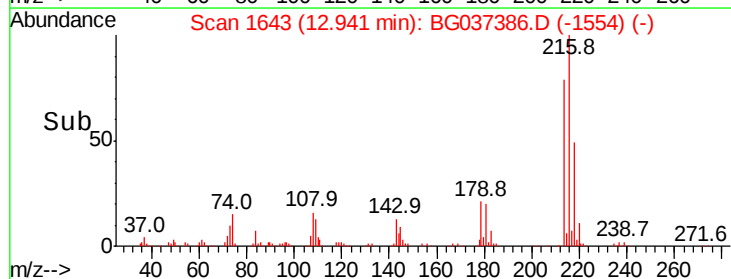
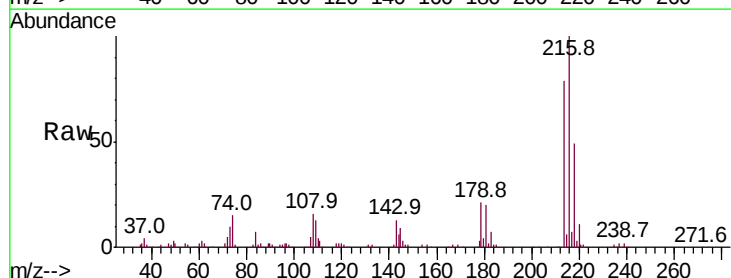
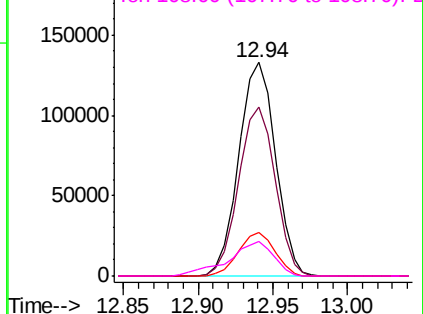
Abundance

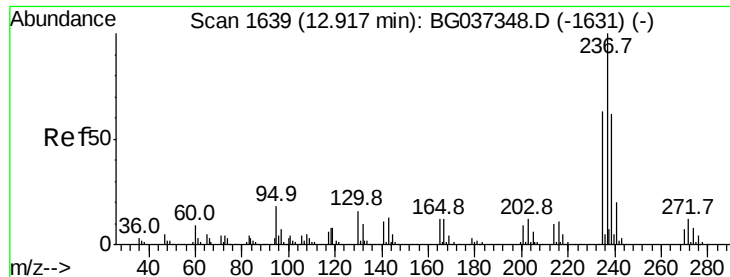
Ion 216.00 (215.70 to 216.70): E

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: 110.477 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampled :

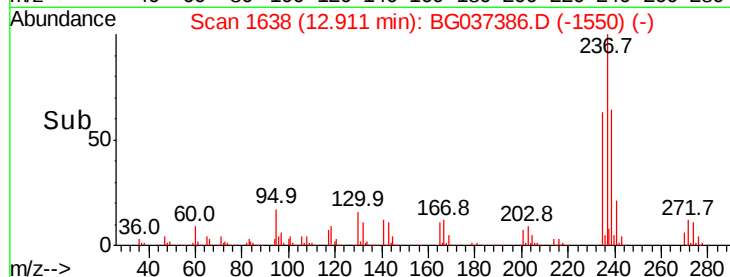
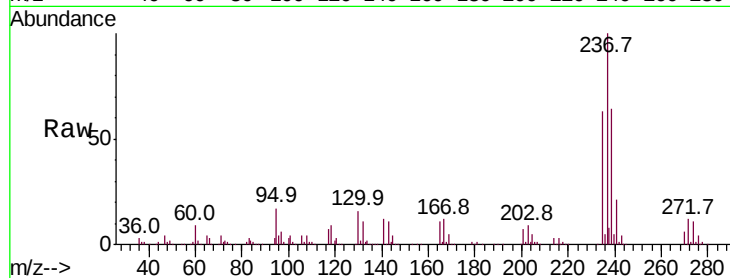
Tot Ion:237 Resp: 279561

Ion Ratio Lower Upper

237 100

235 62.8 42.5 82.5

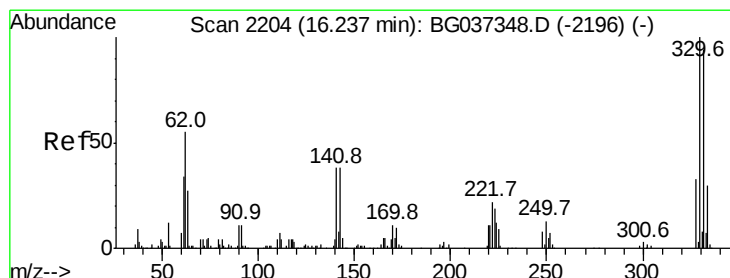
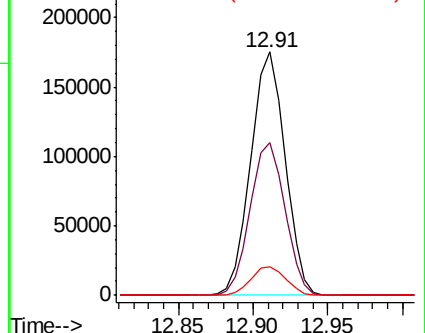
272 11.8 0.0 31.6



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: 149.934 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

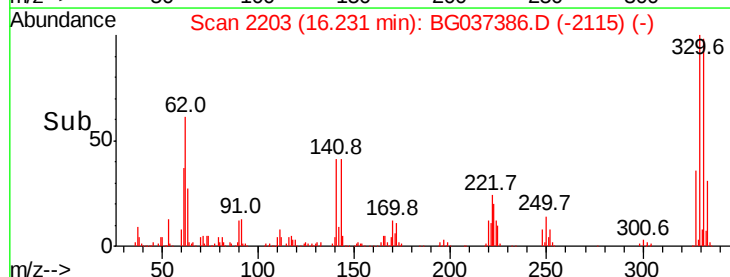
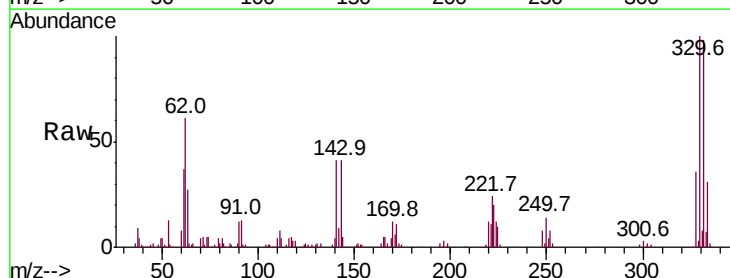
Tgt Ion:330 Resp: 278711

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

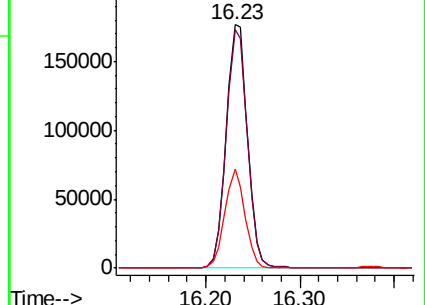
141 38.6 32.2 48.2

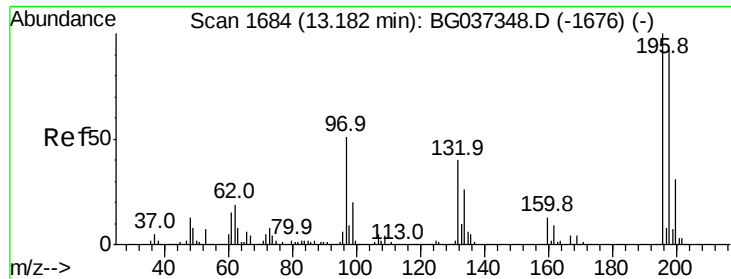


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

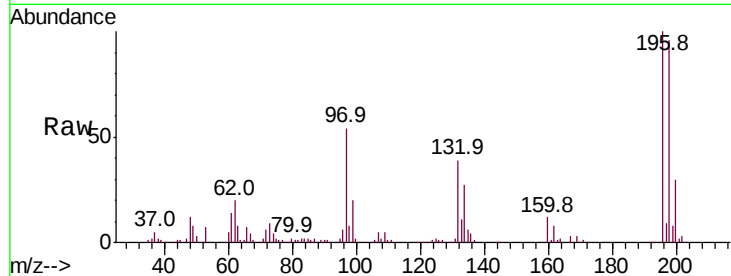




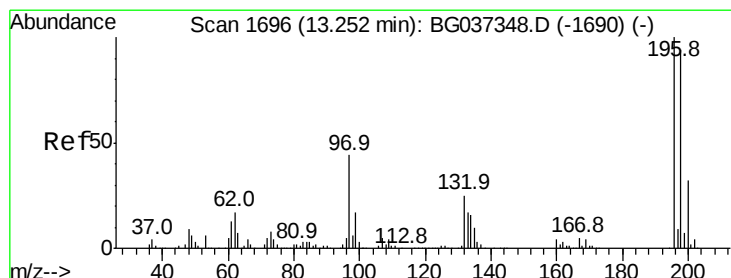
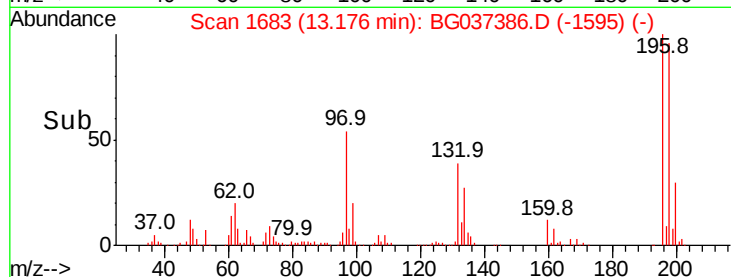
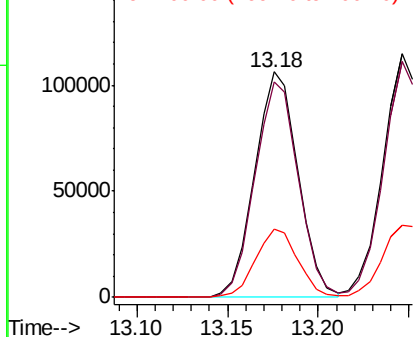
#43
 2,4,6-Trichlorophenol
 Concen: 49.916 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 177746
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.4 114.6
 200 30.3 24.9 37.3

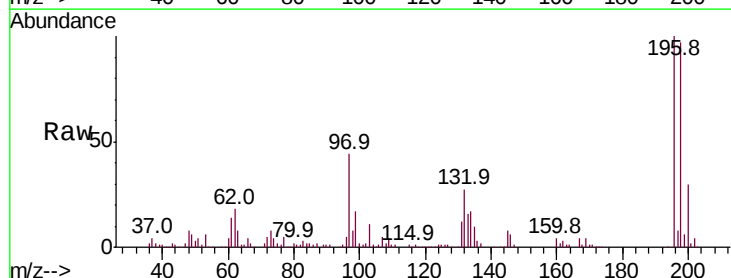


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

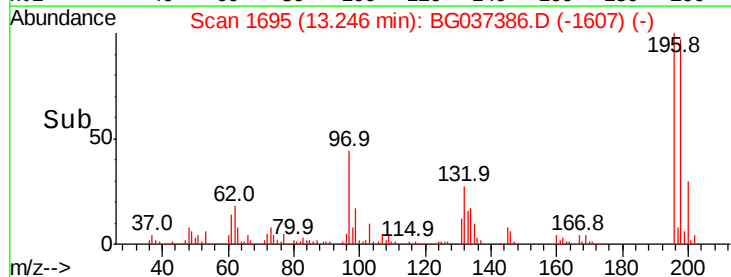
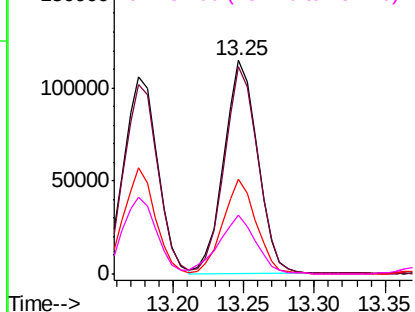


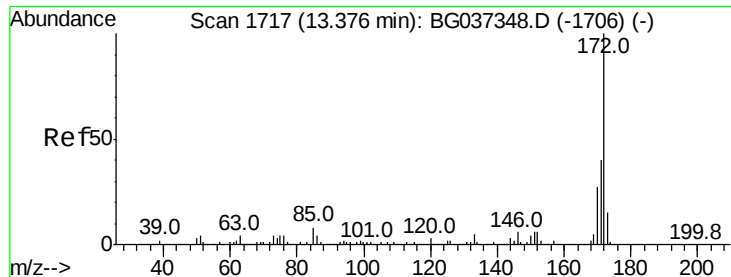
#44
 2,4,5-Trichlorophenol
 Concen: 49.764 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Tgt Ion:196 Resp: 190661
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.2
 97 44.2 34.1 51.1
 132 27.4 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

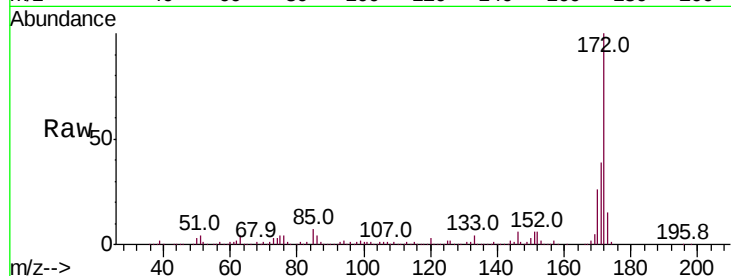




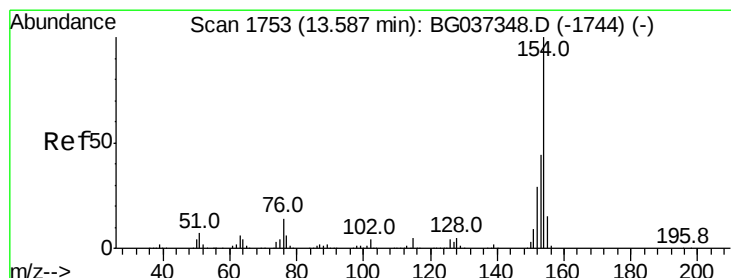
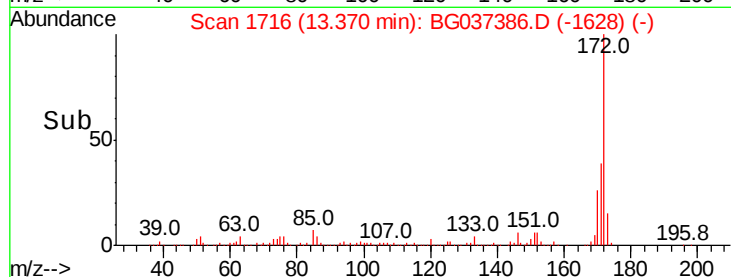
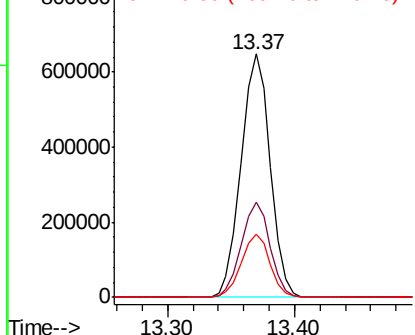
#45
2-Fluorobiphenyl
Concen: 81.544 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1029201
Ion Ratio Lower Upper
172 100
171 39.1 31.0 46.4
170 26.1 20.2 30.2

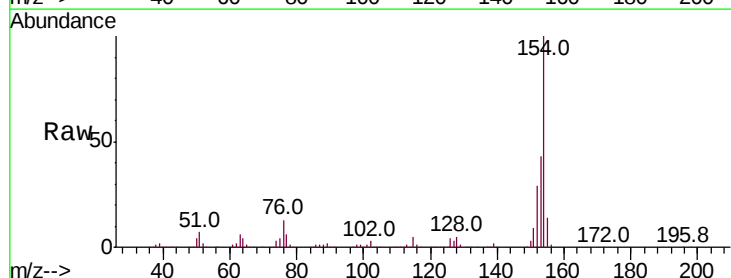


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

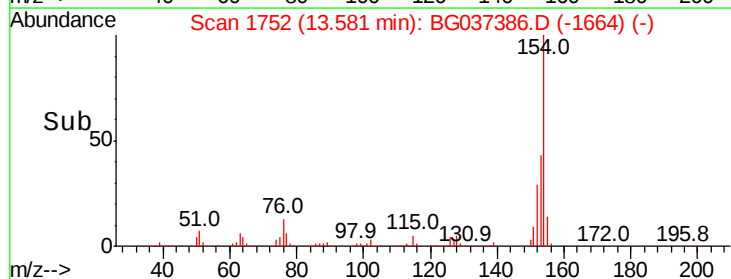
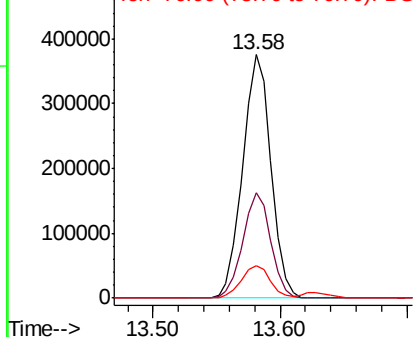


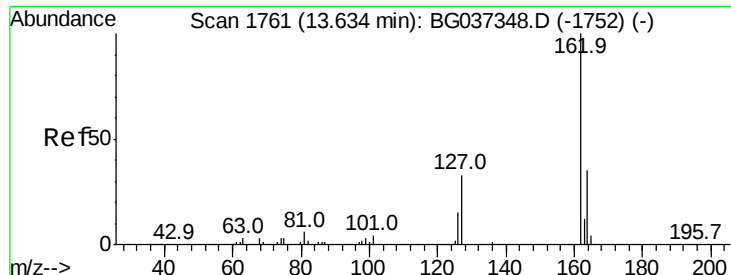
#46
1,1'-Biphenyl
Concen: 37.056 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:154 Resp: 577787
Ion Ratio Lower Upper
154 100
153 43.1 22.1 62.1
76 13.3 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

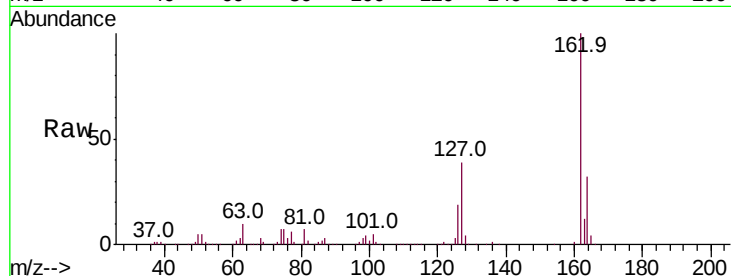




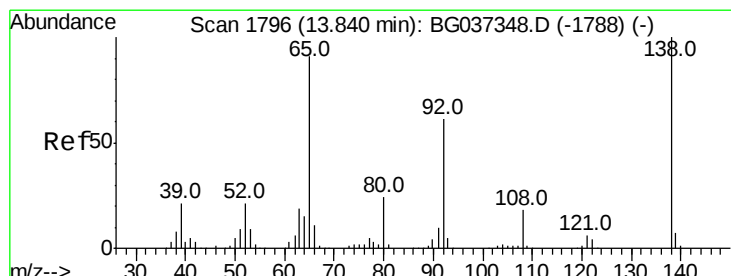
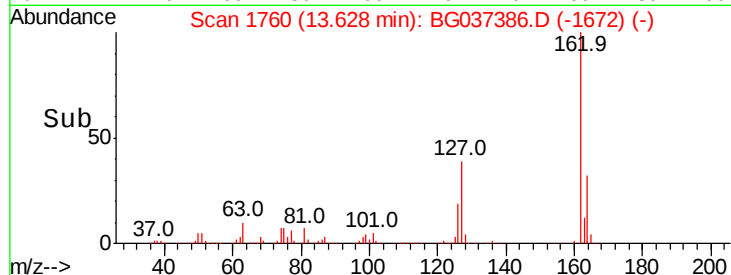
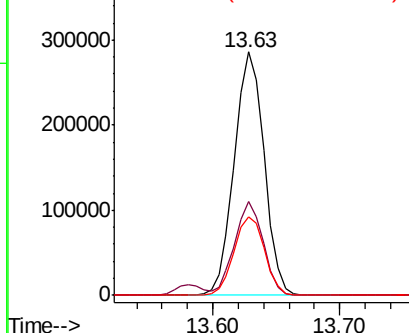
#47
2-Chloronaphthalene
Concen: 39.509 ng
RT: 13.63 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.5	45.7
164	32.4	26.4	39.6

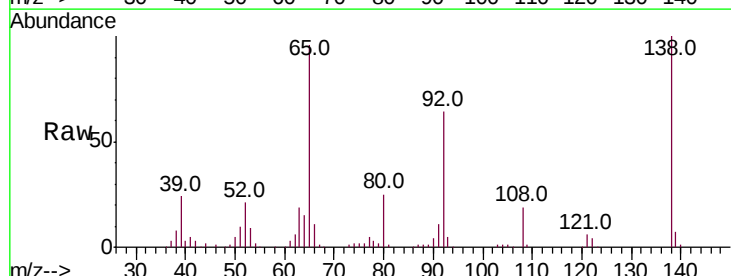


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

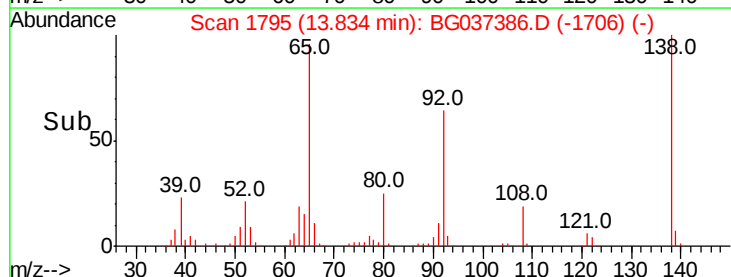
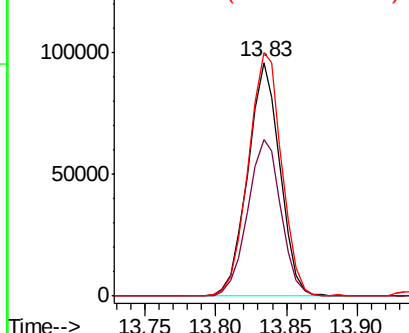


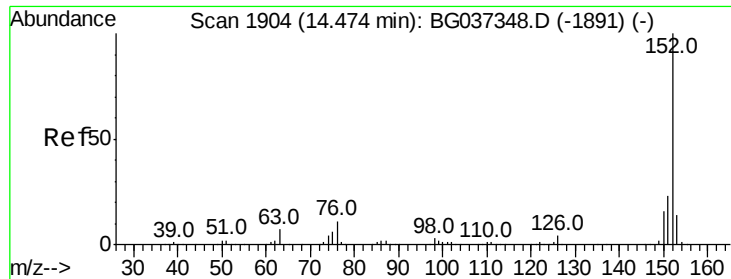
#48
2-Nitroaniline
Concen: 47.981 ng
RT: 13.83 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.2	79.8
138	104.3	79.3	118.9



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





#49

Acenaphthylene

Concen: 42.982 ng

RT: 14.47 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

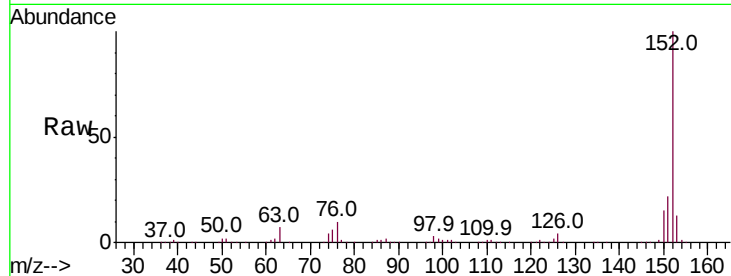
Tot Ion:152 Resp: 774387

Ion Ratio Lower Upper

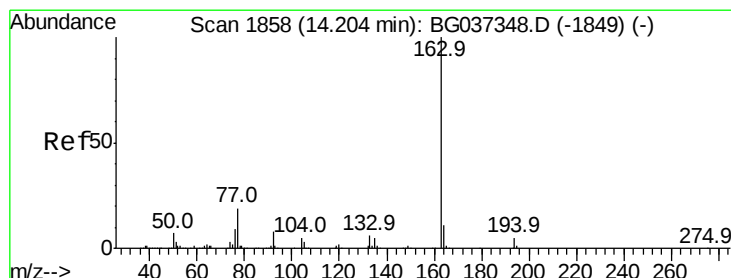
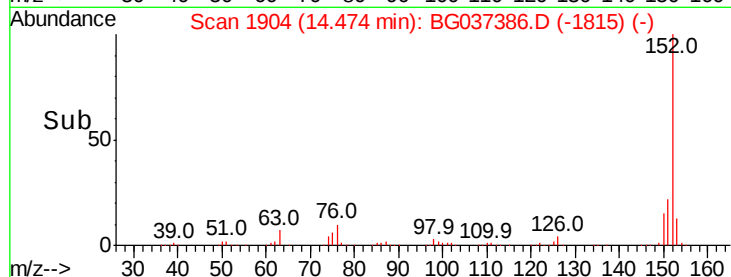
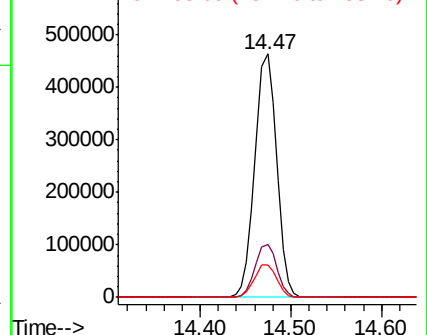
152 100

151 21.7 17.1 25.7

153 13.4 11.1 16.7



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



#50

Dimethylphthalate

Concen: 41.625 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

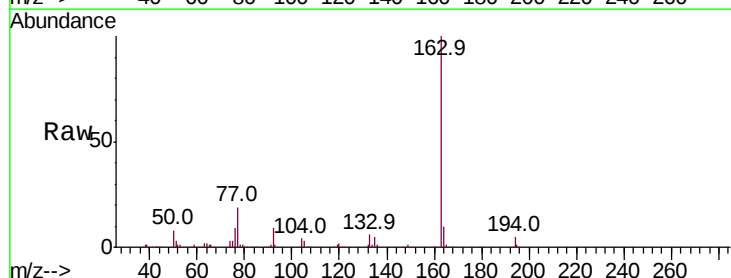
Tgt Ion:163 Resp: 620029

Ion Ratio Lower Upper

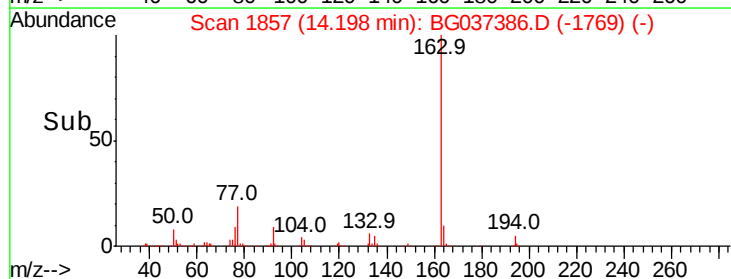
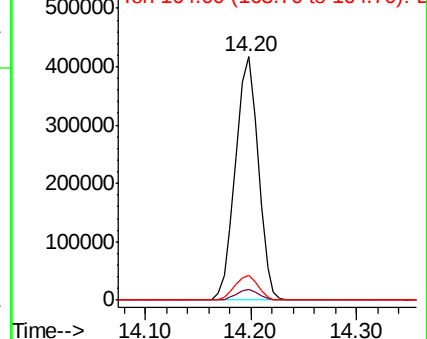
163 100

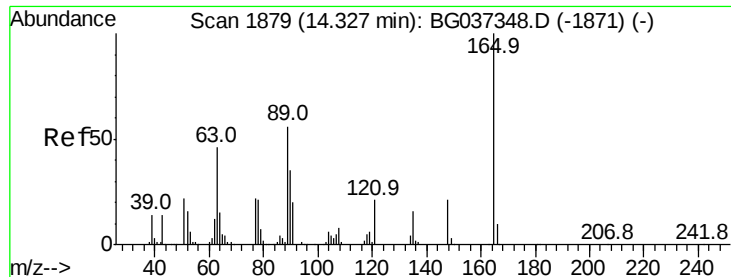
194 4.6 3.5 5.3

164 10.2 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: 49.445 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

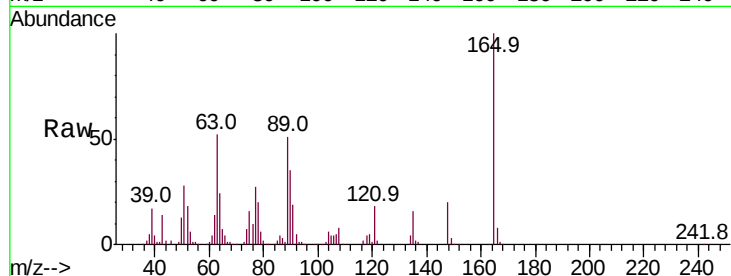
Tot Ion:165 Resp: 143532

Ion Ratio Lower Upper

165 100

63 52.0 43.4 65.2

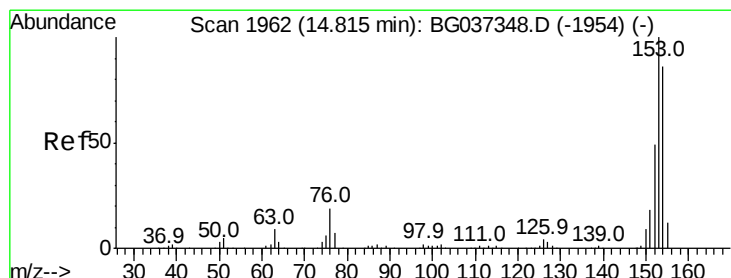
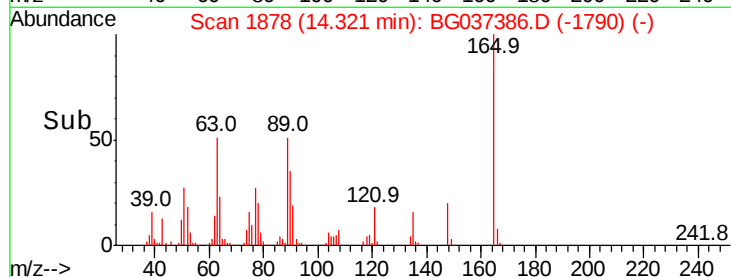
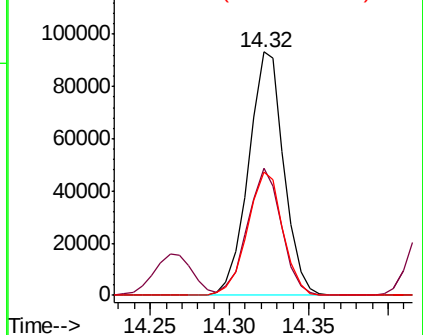
89 50.6 45.8 68.6



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: 40.688 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

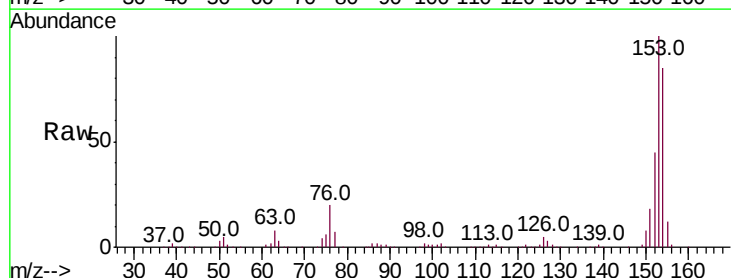
Tgt Ion:154 Resp: 452810

Ion Ratio Lower Upper

154 100

153 117.4 93.4 140.0

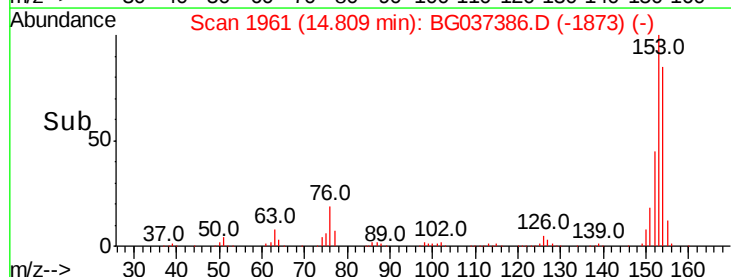
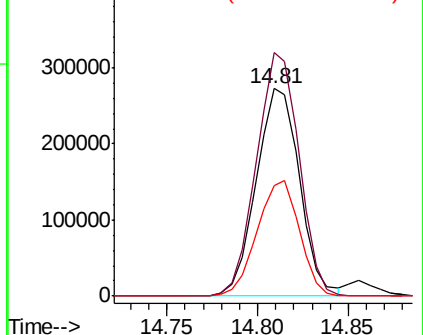
152 53.0 44.7 67.1

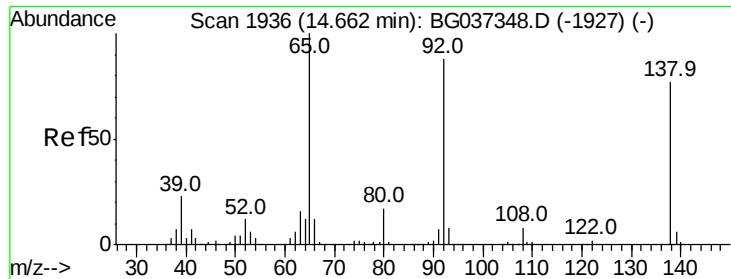


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

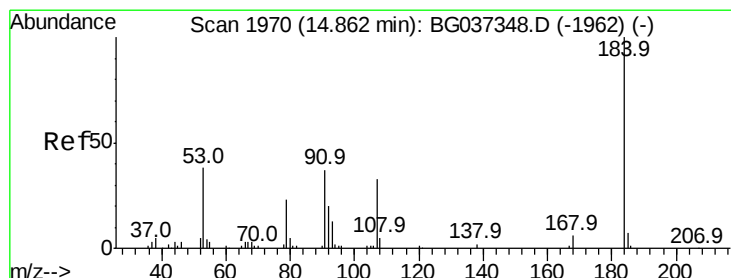
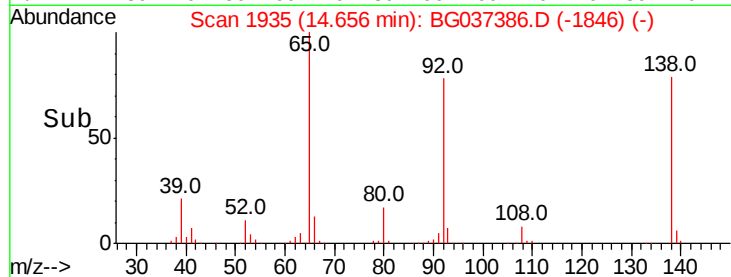
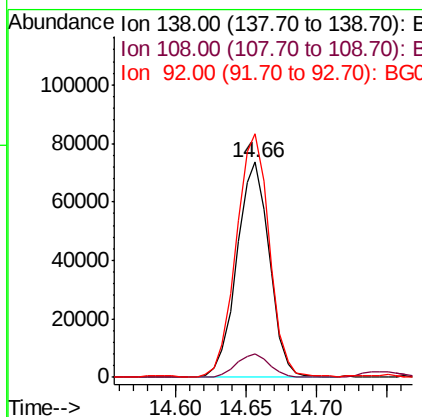
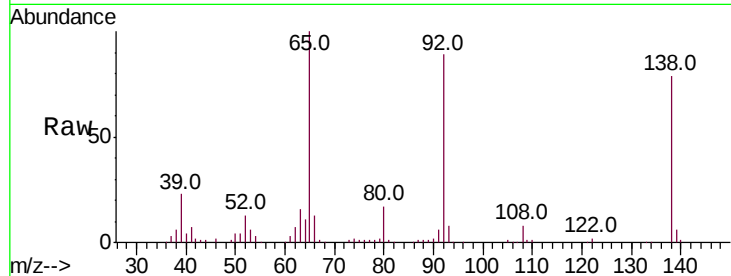




#53
 3-Nitroaniline
 Concen: 38.176 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

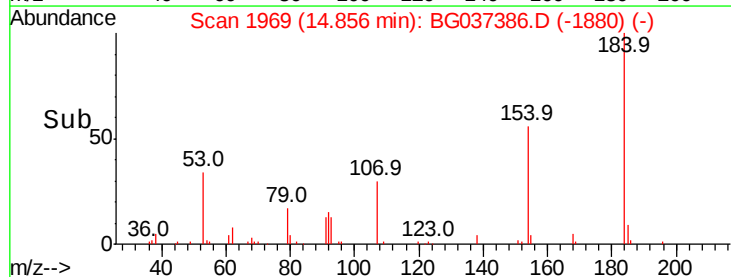
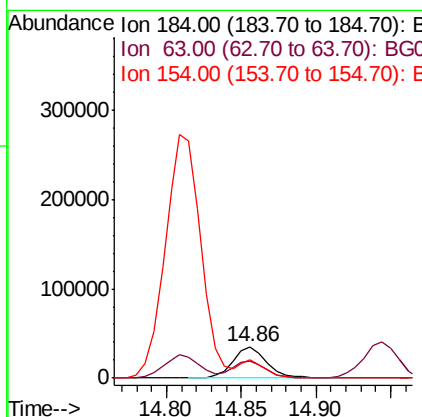
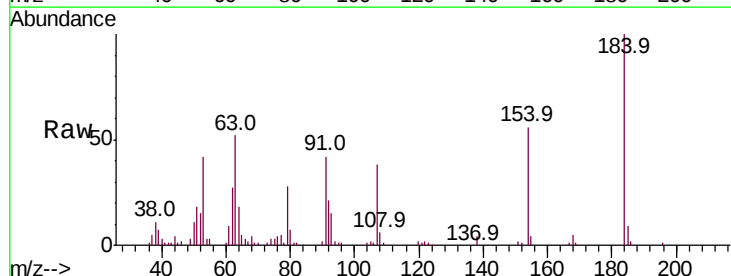
Instrument :
 BNA_G
 ClientSampleId :

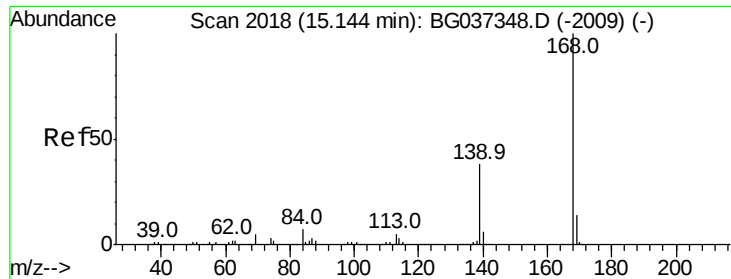
Tot Ion:138 Resp: 118980
 Ion Ratio Lower Upper
 138 100
 108 10.8 11.0 16.6#
 92 113.1 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 75.107 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Tgt Ion:184 Resp: 55982
 Ion Ratio Lower Upper
 184 100
 63 52.0 42.6 63.8
 154 56.1 41.8 62.6

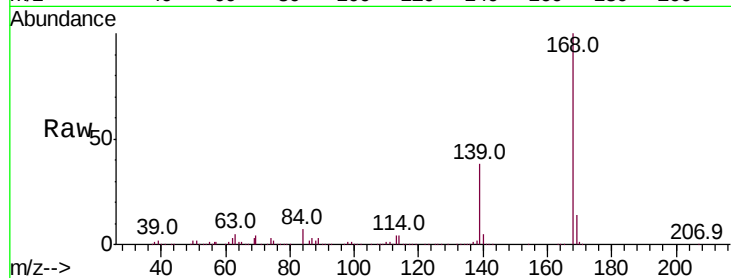




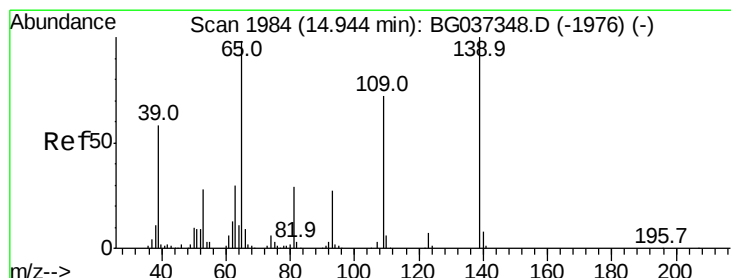
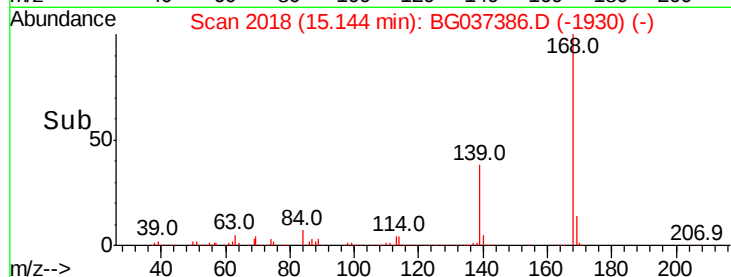
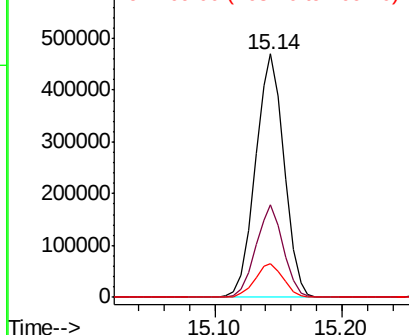
#55
Dibenzofuran
Concen: 40.750 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 735863
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0
169 13.6 11.0 16.6

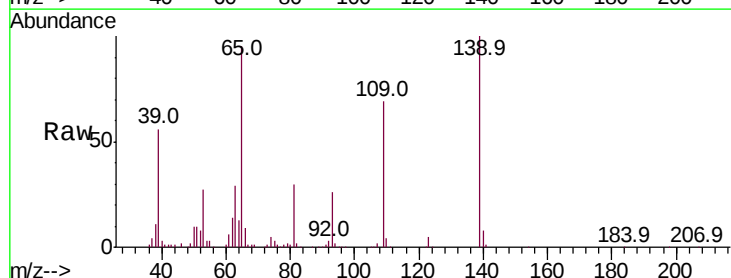


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

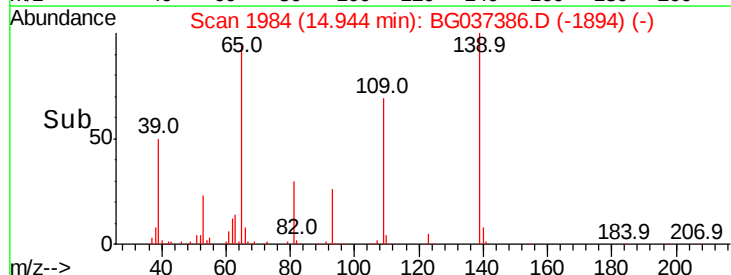
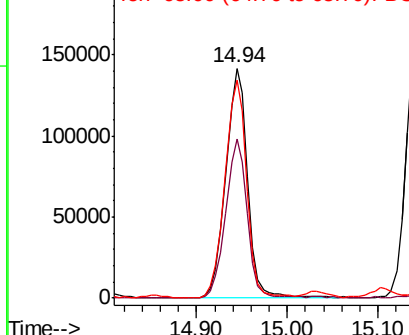


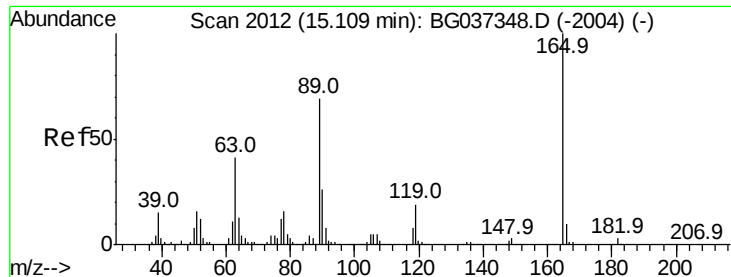
#56
4-Nitrophenol
Concen: 97.302 ng
RT: 14.94 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:139 Resp: 236382
Ion Ratio Lower Upper
139 100
109 69.5 49.5 89.5
65 95.0 76.8 116.8



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

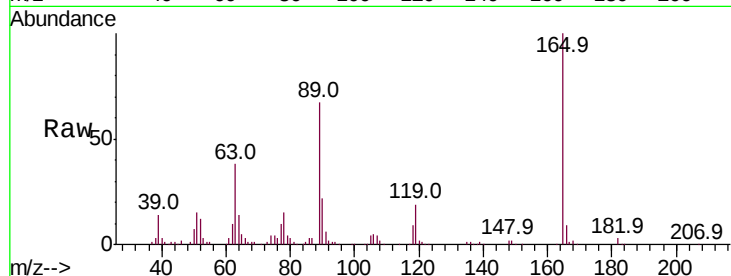




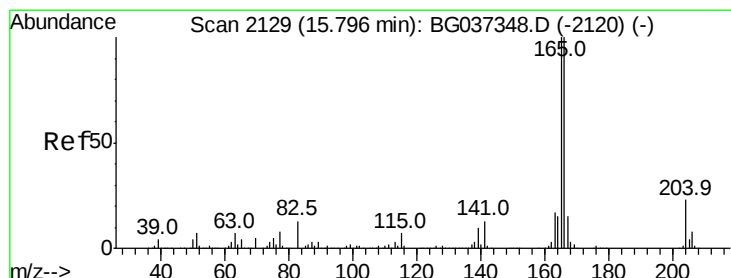
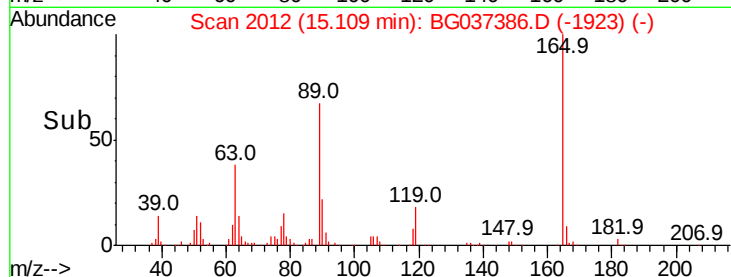
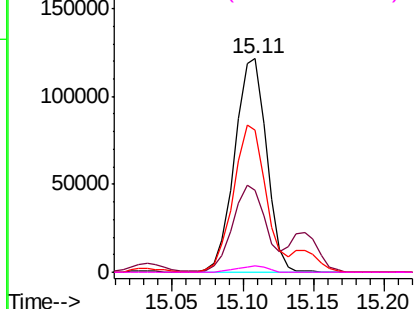
#57
 2,4-Dinitrotoluene
 Concen: 51.821 ng
 RT: 15.11 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 191520
 Ion Ratio Lower Upper
 165 100
 63 38.2 33.4 50.0
 89 66.6 57.2 85.8
 182 3.2 2.6 4.0

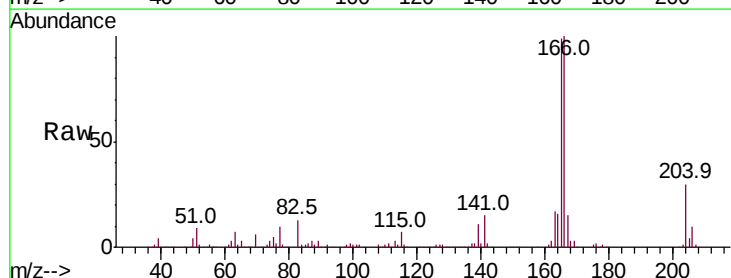


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

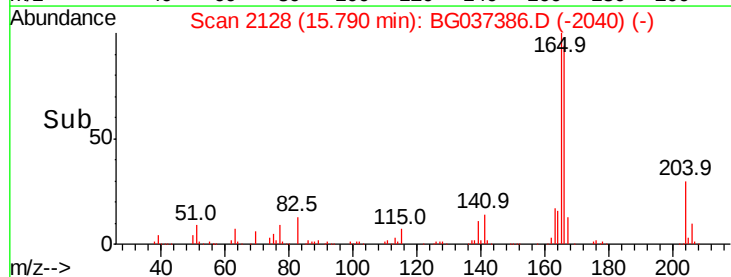
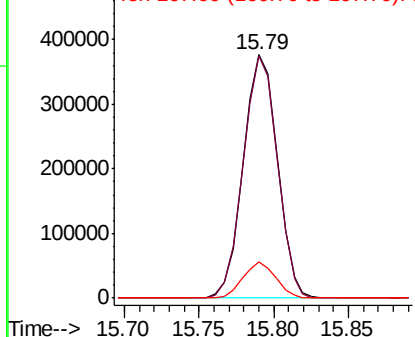


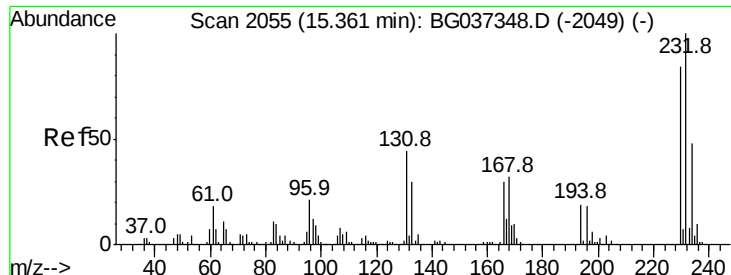
#58
 Fluorene
 Concen: 43.649 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Tgt Ion:166 Resp: 596122
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.0 118.6
 167 15.0 11.3 16.9



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

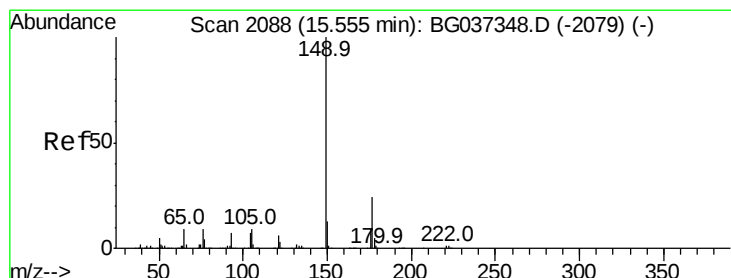
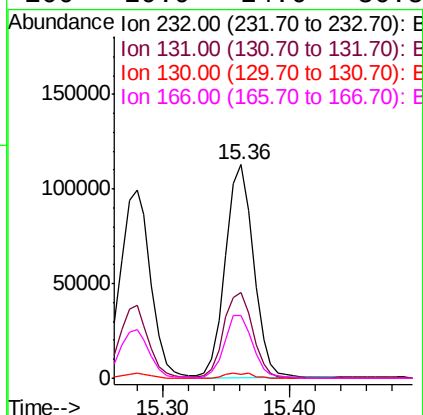
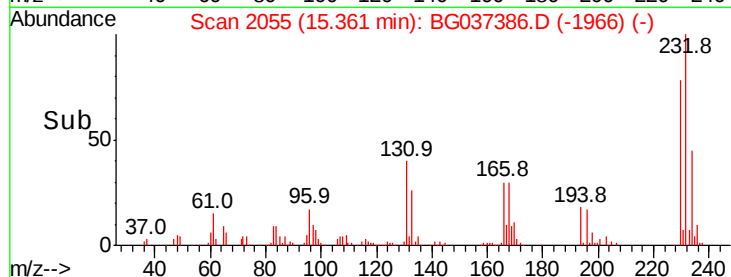
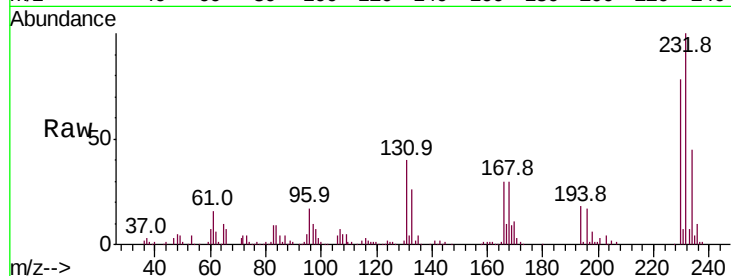




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.421 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

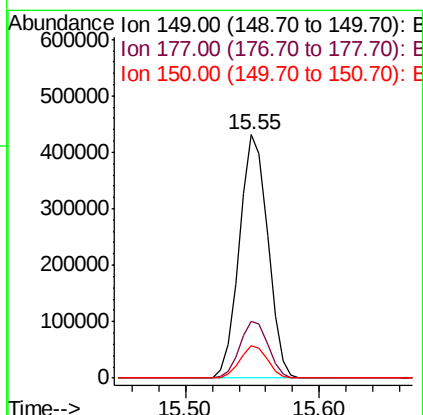
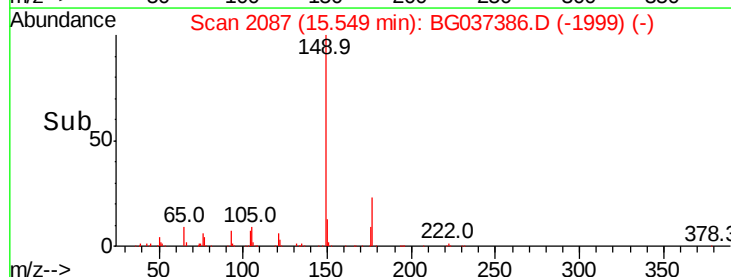
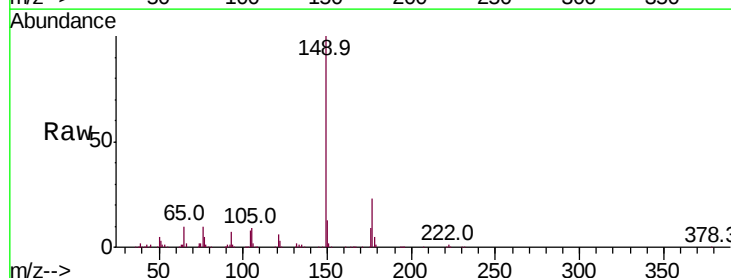
Instrument :
 BNA_G
 ClientSampleId :

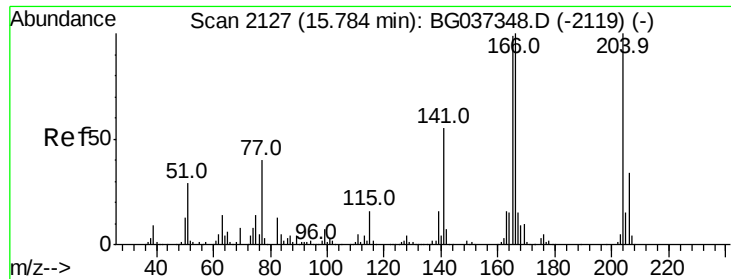
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.7	50.5
130	2.5	2.1	3.1
166	29.9	24.6	36.8



#60
 Diethylphthalate
 Concen: 41.109 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.1	10.0	15.0

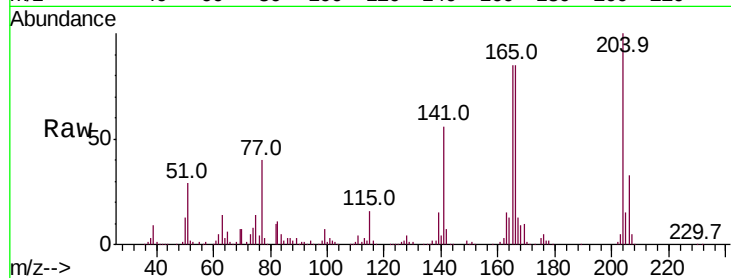




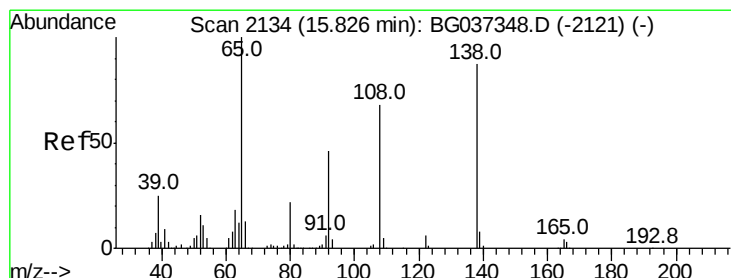
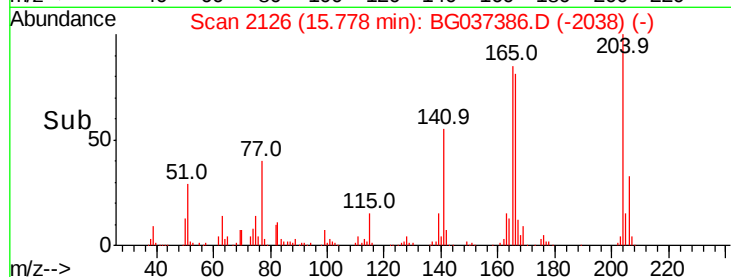
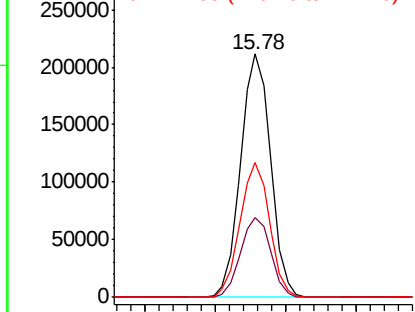
#61
4-Chlorophenyl-phenylether
Concen: 39.339 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 314038
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 55.5 45.4 68.2

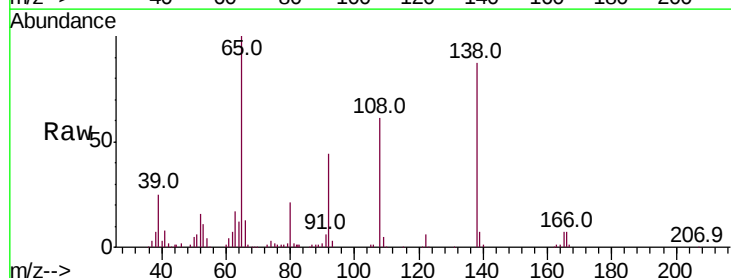


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

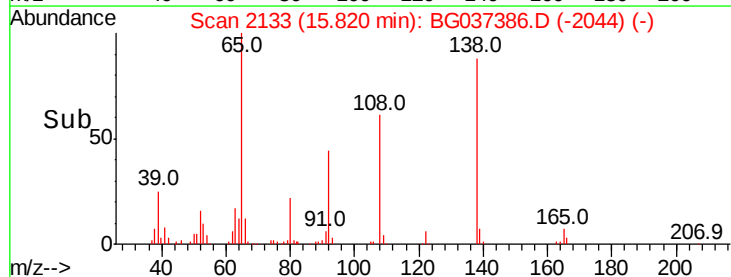
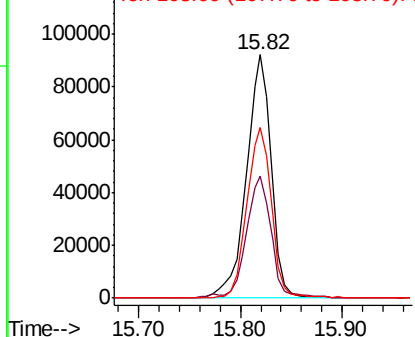


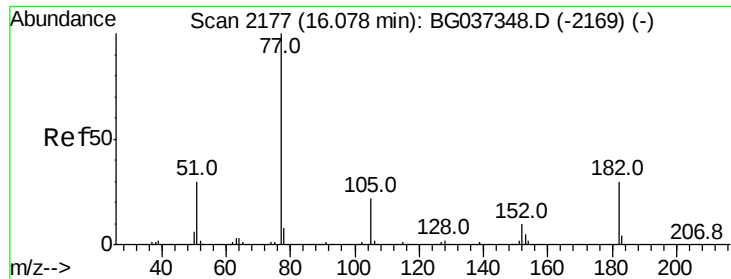
#62
4-Nitroaniline
Concen: 47.661 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:138 Resp: 155909
Ion Ratio Lower Upper
138 100
92 50.2 36.4 76.4
108 70.1 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

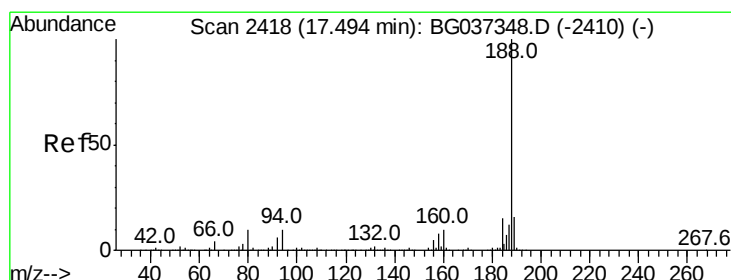
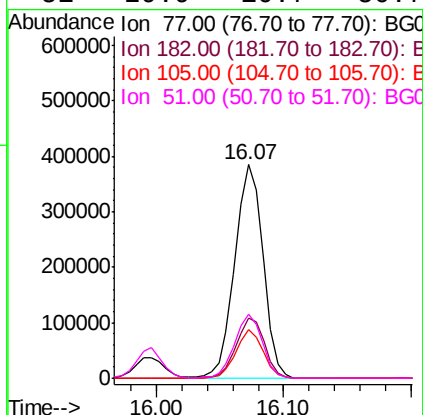
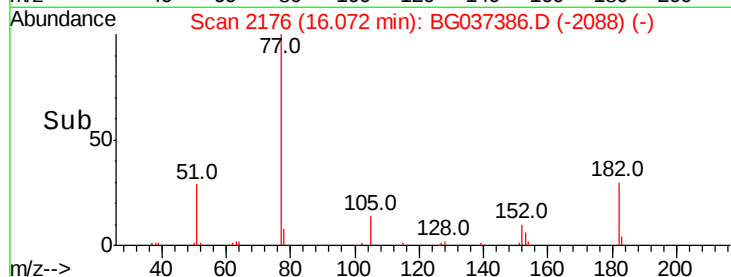
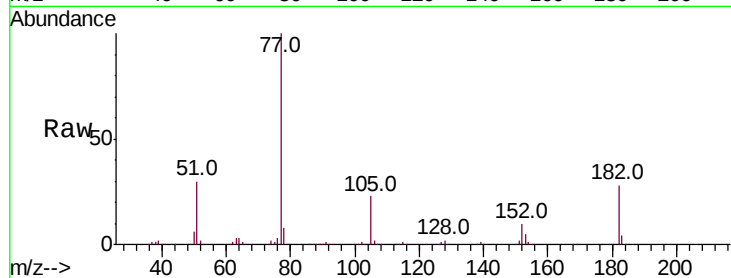




#63
Azobenzene
Concen: 40.125 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

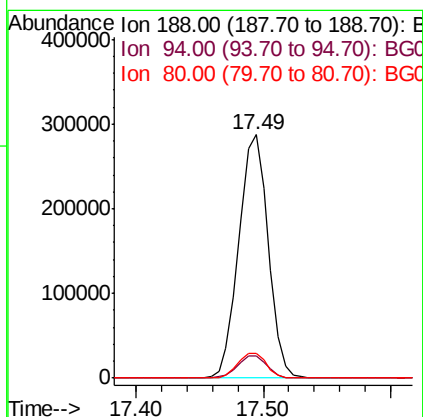
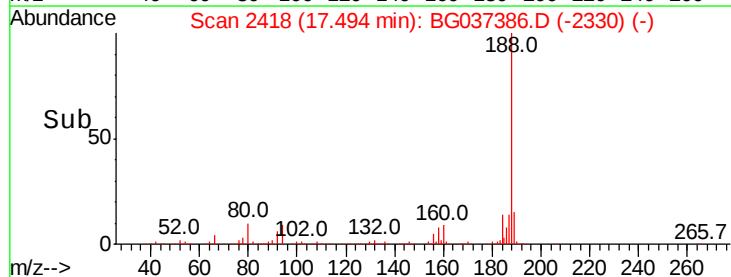
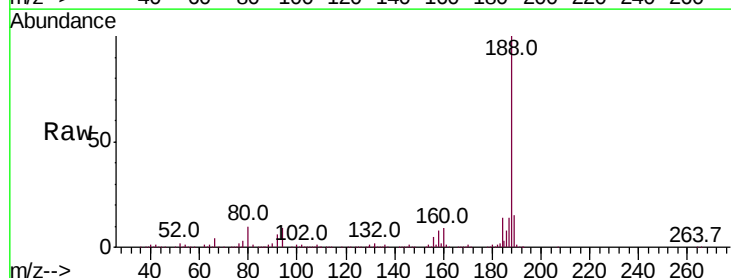
Instrument :
BNA_G
ClientSampleId :

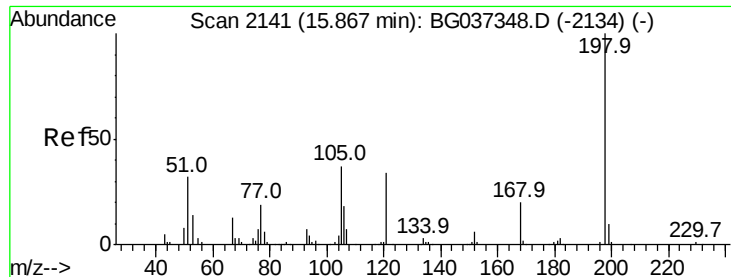
Tot Ion:	77	Resp:	593873
Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.0	48.0
105	22.5	1.3	41.3
51	29.9	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:	188	Resp:	461880
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.2	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 46.120 ng

RT: 15.86 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

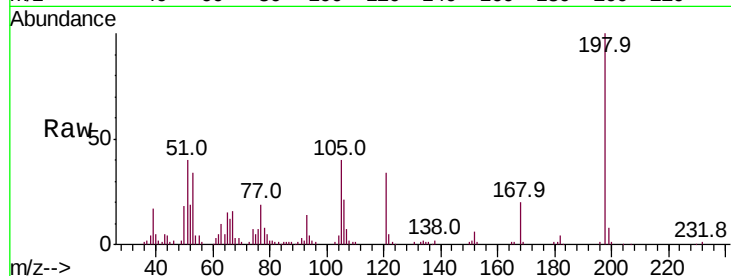
Tot Ion:198 Resp: 66292

Ion	Ratio	Lower	Upper
198	100		
51	40.2	22.7	62.7
105	40.2	19.7	59.7

198 100

51 40.2 22.7 62.7

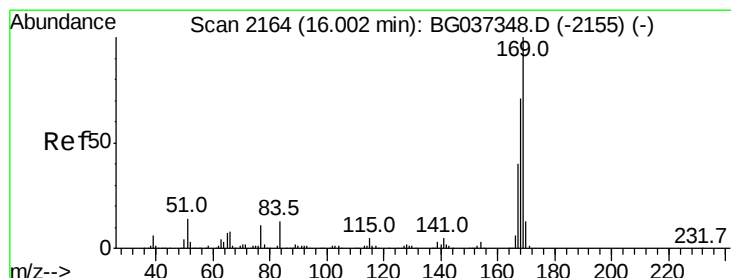
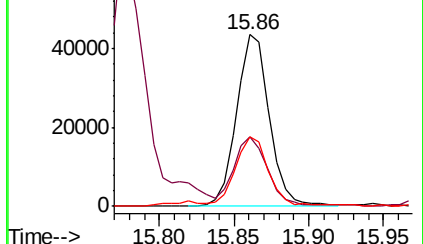
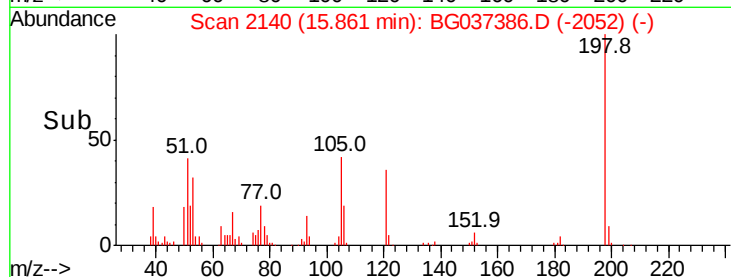
105 40.2 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.409 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

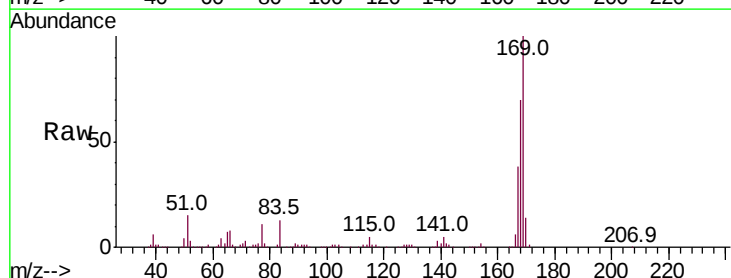
Tgt Ion:169 Resp: 548109

Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.7	83.5
167	38.3	31.3	46.9

169 100

168 70.1 55.7 83.5

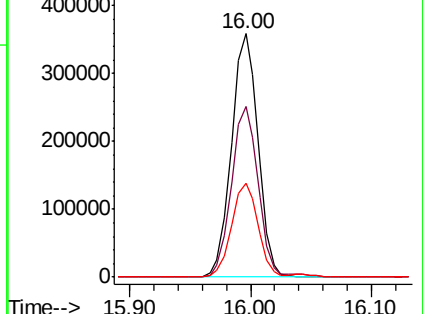
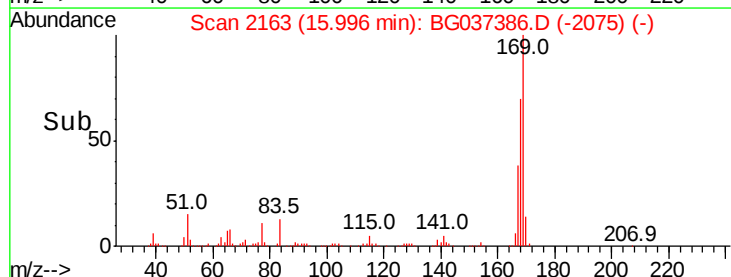
167 38.3 31.3 46.9

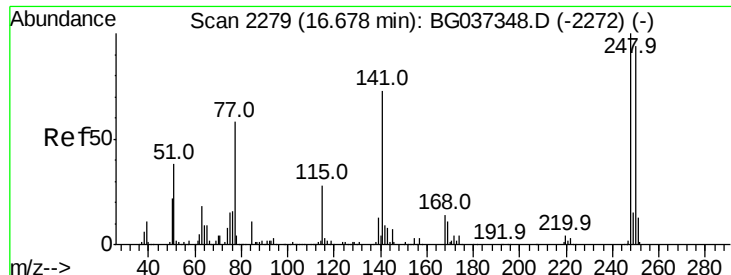


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

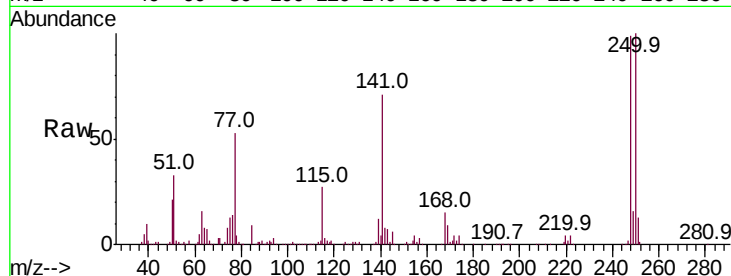




#67
4-Bromophenyl-phenylether
Concen: 40.167 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	77.0	115.6
141	70.9	55.5	83.3

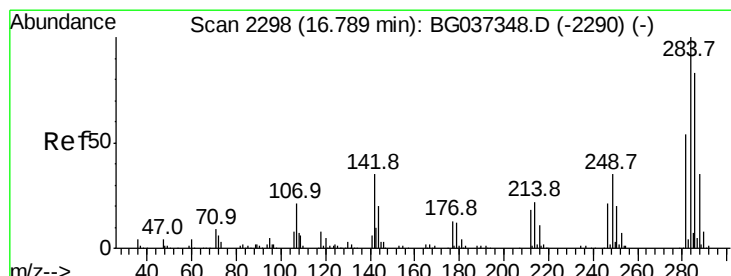
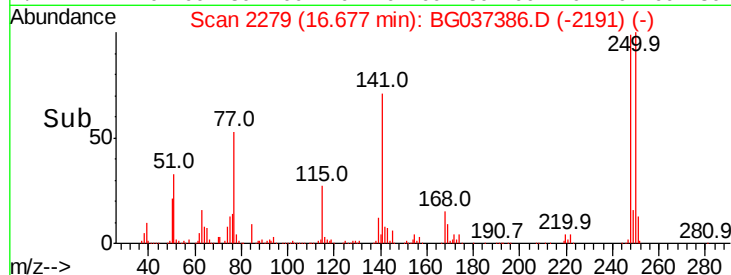
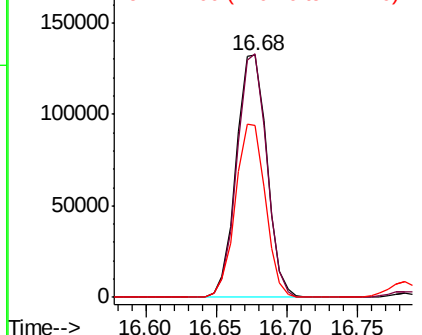


Abundance

Ion 248.00 (247.70 to 248.70): E

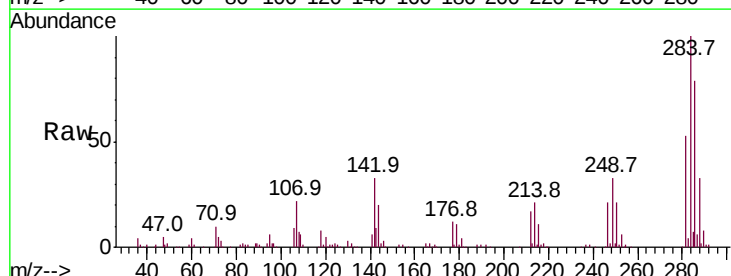
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.570 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	28.1	42.1
249	35.6	29.8	44.8

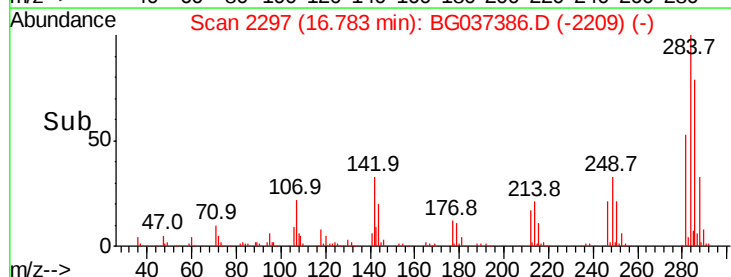
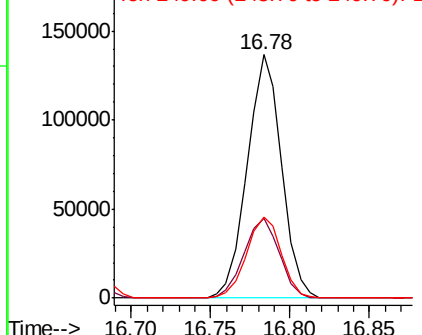


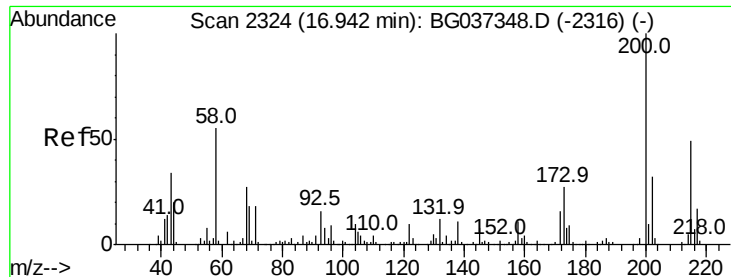
Abundance

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

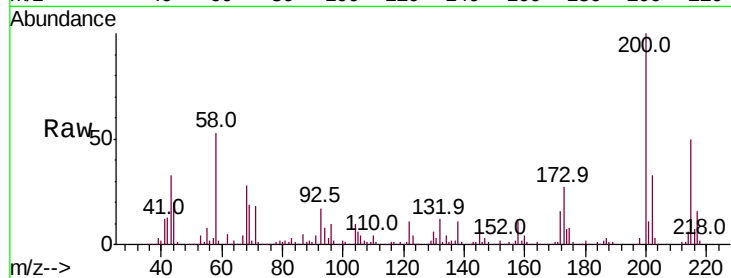




#69
 Atrazine
 Concen: 42.615 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.1	46.1
215	50.2	30.8	70.8

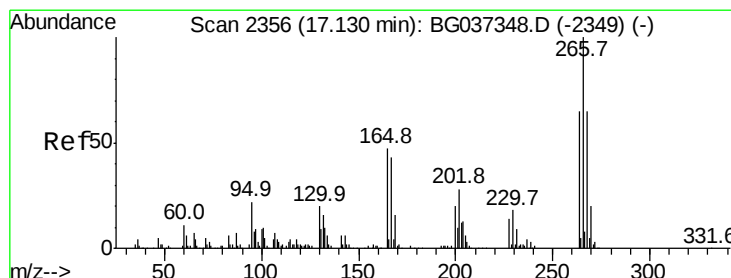
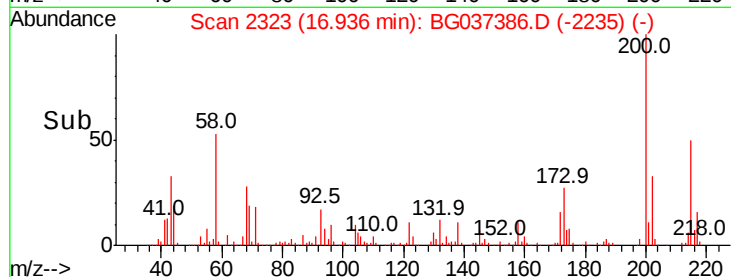
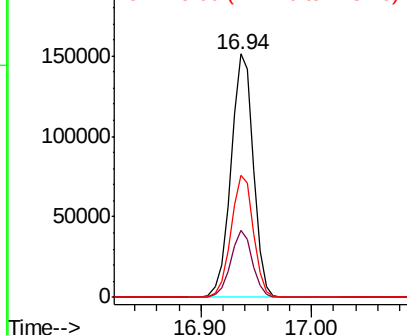


Abundance

Ion 200.00 (199.70 to 200.70): E

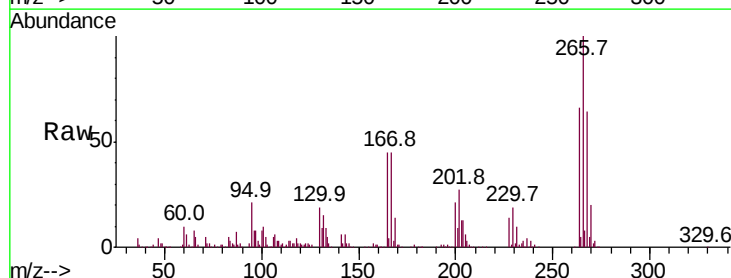
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 70.113 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	55.0	82.6
264	70.7	58.9	88.3

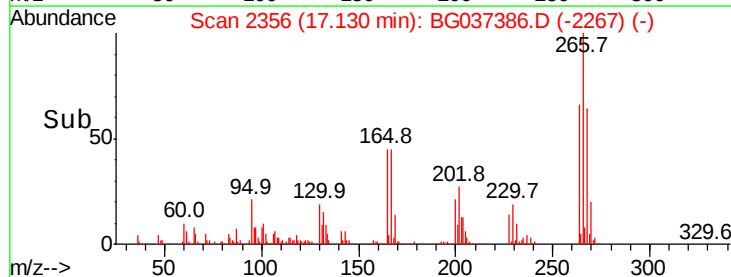
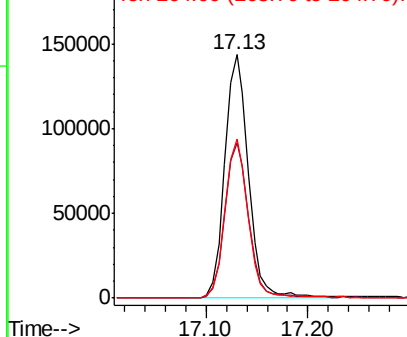


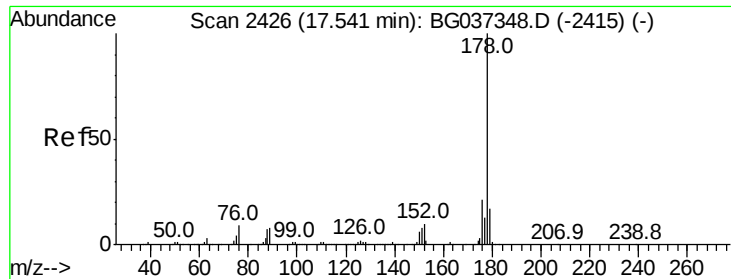
Abundance

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

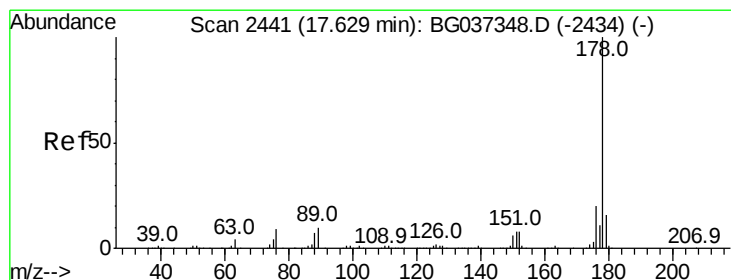
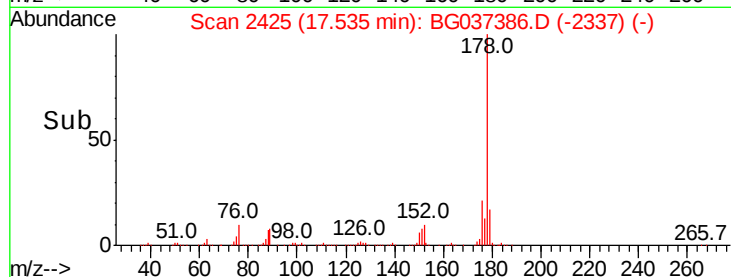
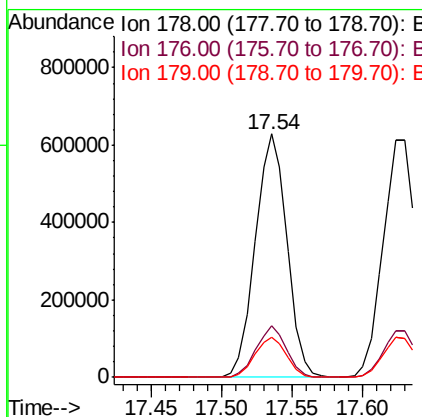
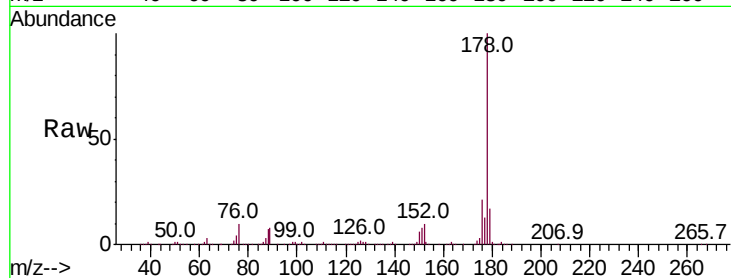




#71
Phenanthrene
Concen: 42.074 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

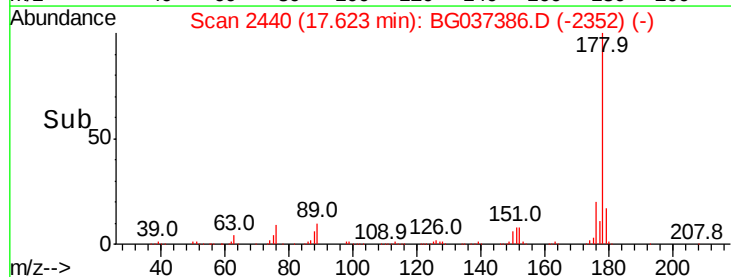
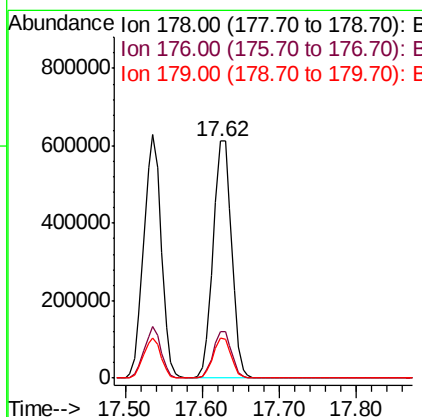
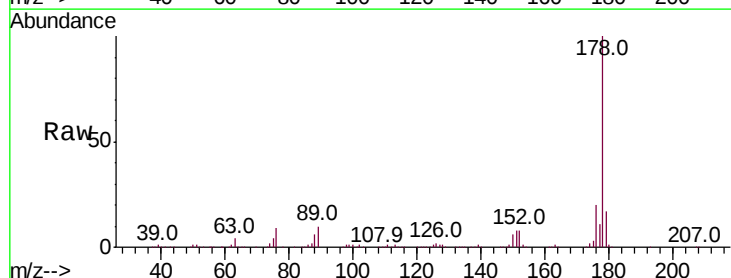
Instrument :
BNA_G
ClientSampleId :

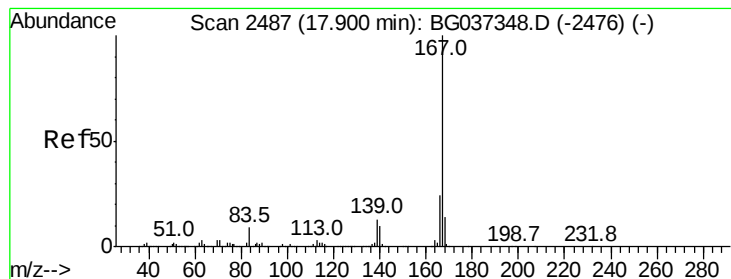
Tot Ion:178 Resp: 989237
Ion Ratio Lower Upper
178 100
176 21.0 16.1 24.1
179 16.6 13.0 19.4



#72
Anthracene
Concen: 43.949 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:178 Resp: 1011389
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 17.0 12.8 19.2





#73

Carbazole

Concen: 39.250 ng

RT: 17.89 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

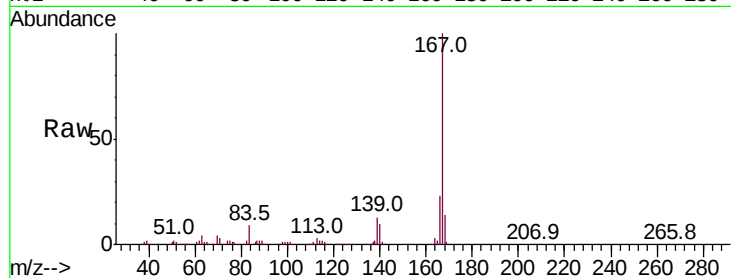
Tot Ion:167 Resp: 930669

Ion Ratio Lower Upper

167 100

166 22.9 18.3 27.5

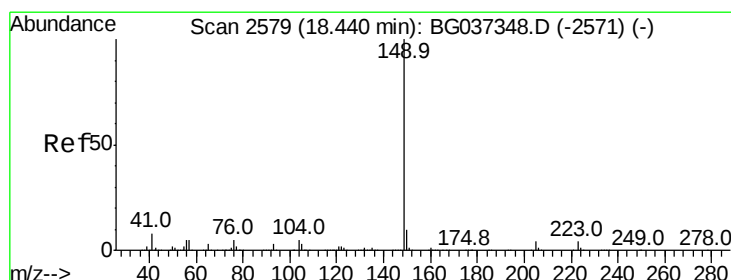
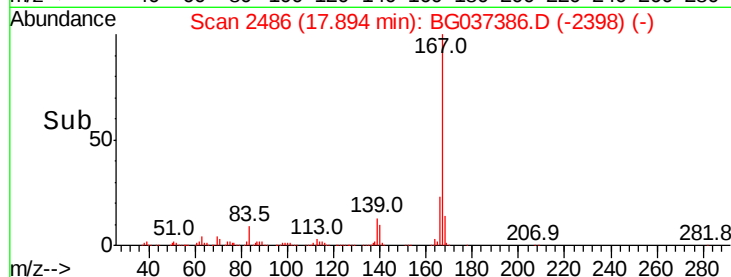
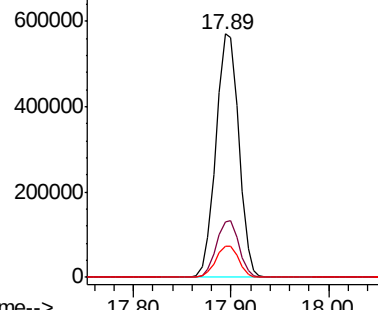
139 12.9 10.5 15.7



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: 43.142 ng

RT: 18.43 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

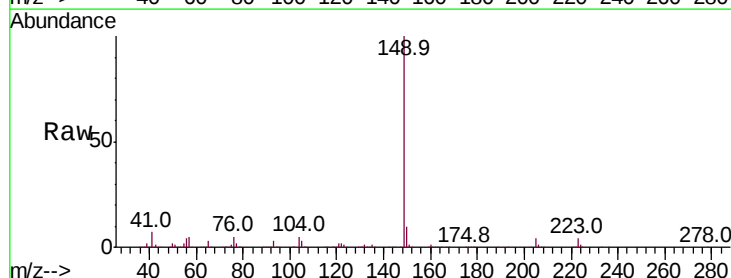
Tgt Ion:149 Resp: 1096402

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.2

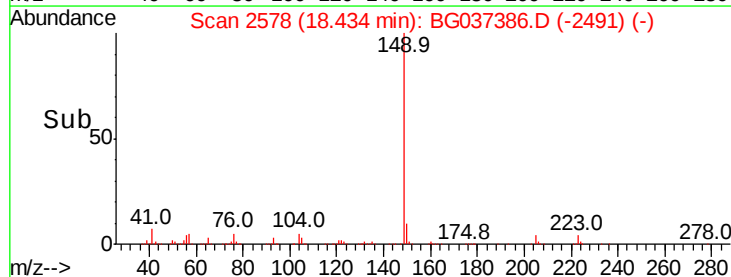
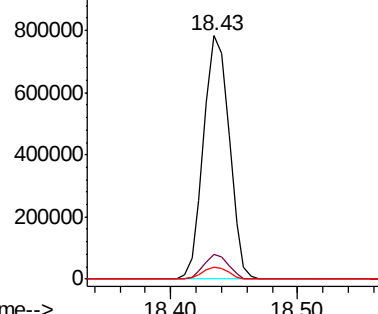
104 5.1 4.0 6.0

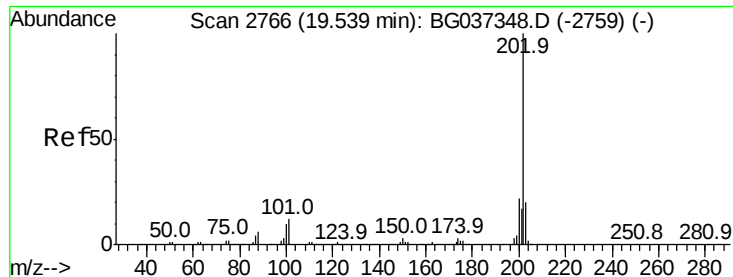


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.700 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampled :

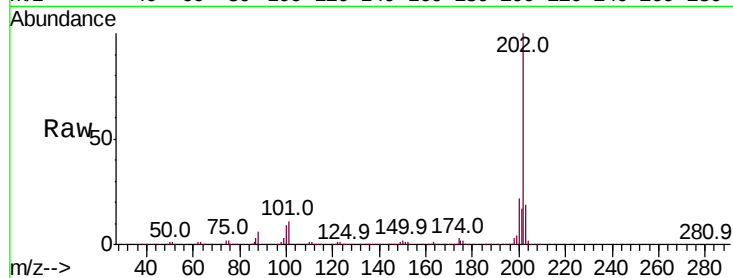
Tot Ion:202 Resp: 1173384

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.7
203	19.0	0.0	38.5

202 100

101 11.1 0.0 30.7

203 19.0 0.0 38.5

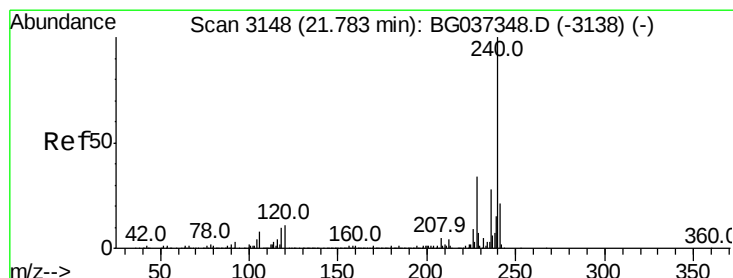
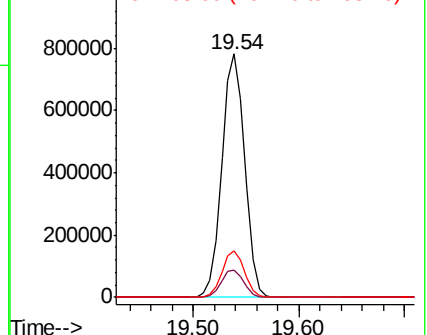
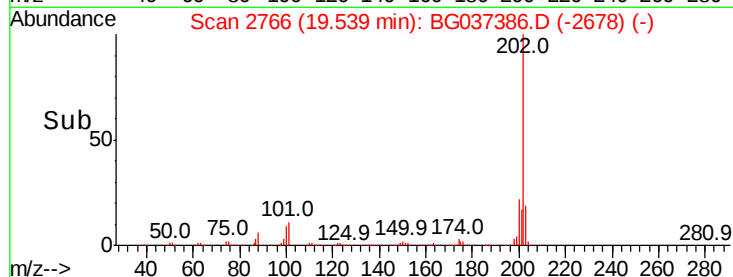


Abundance

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: BG037386.D

Acq: 17 Oct 2018 11:29

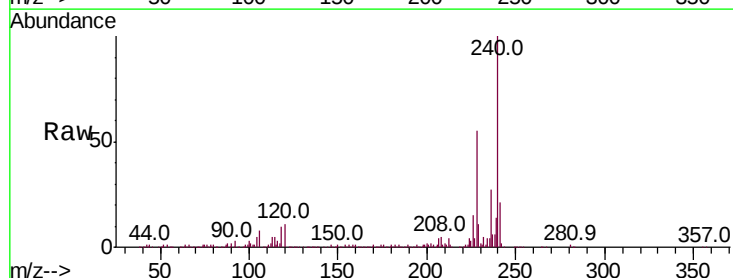
Tgt Ion:240 Resp: 419773

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	27.2	21.4	32.0

240 100

120 11.2 8.1 12.1

236 27.2 21.4 32.0

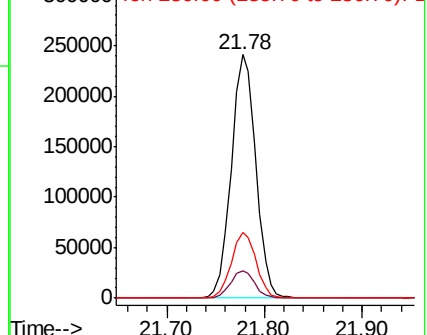
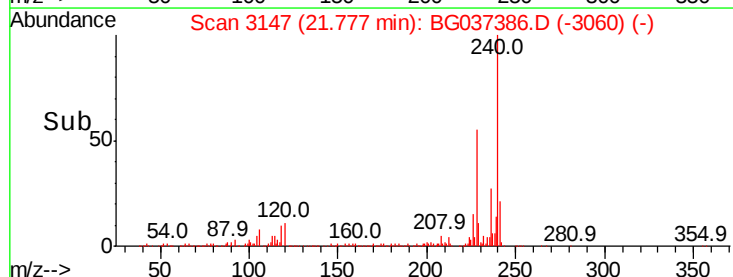


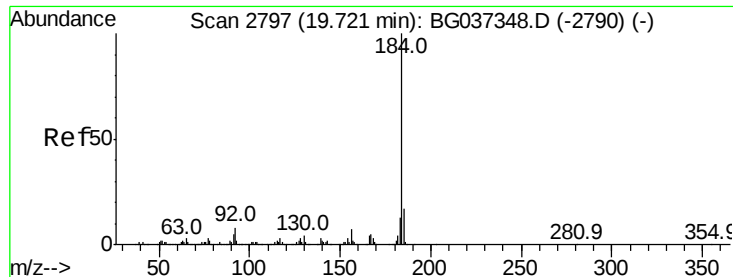
Abundance

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: 34.835 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

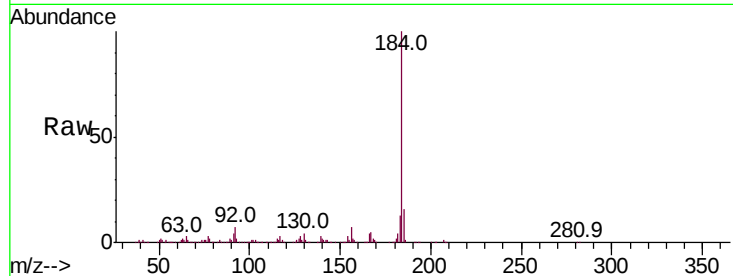
Tot Ion:184 Resp: 559408

Ion Ratio Lower Upper

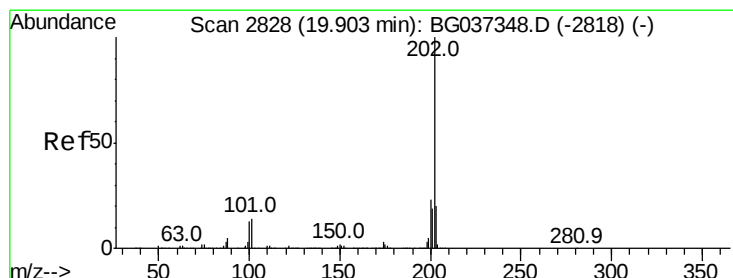
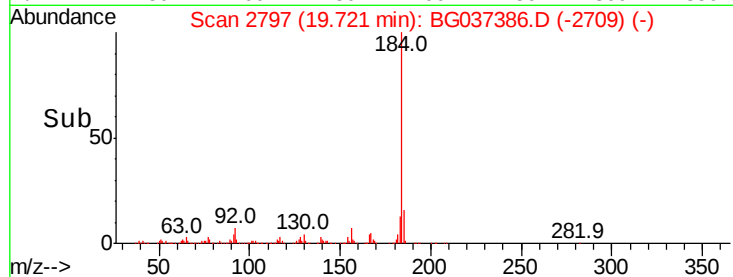
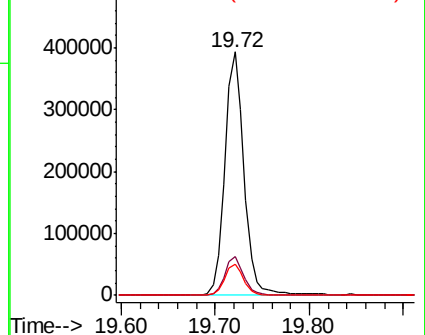
184 100

185 15.9 12.6 18.8

183 12.7 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: 42.165 ng

RT: 19.90 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

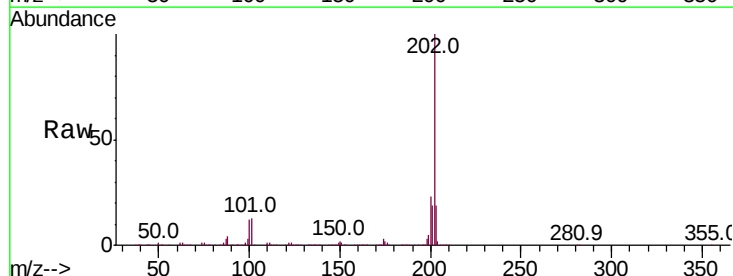
Tgt Ion:202 Resp: 1153567

Ion Ratio Lower Upper

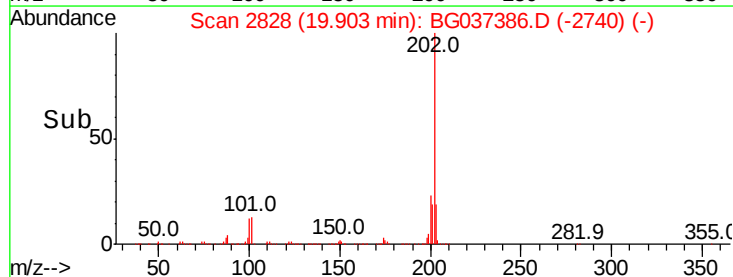
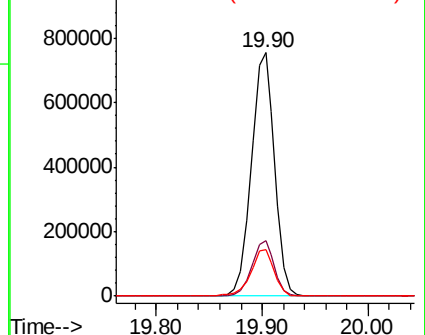
202 100

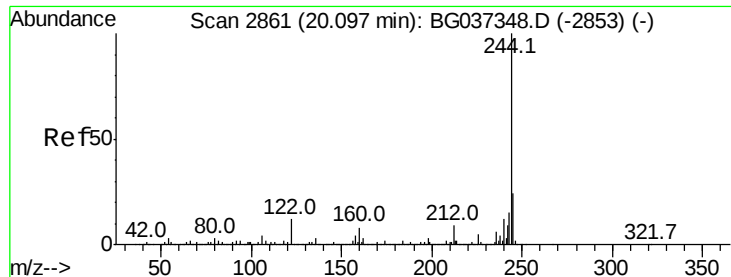
200 22.5 17.8 26.6

203 19.2 15.2 22.8



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





#79

Terphenyl-d14

Concen: 79.603 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

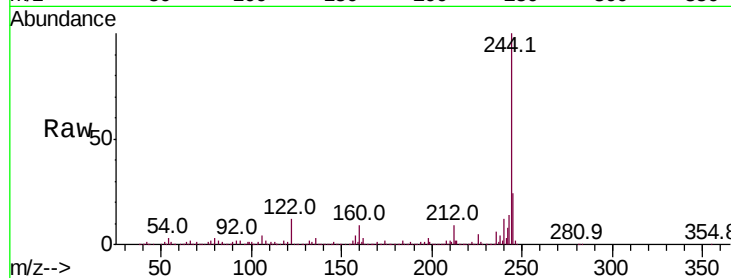
Tot Ion:244 Resp: 1591380

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	11.9	9.0	13.4

244 100

212 8.9 6.5 9.7

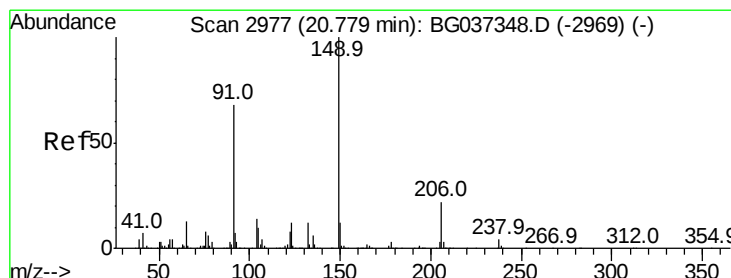
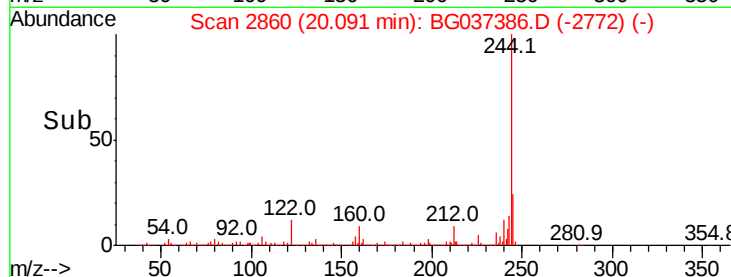
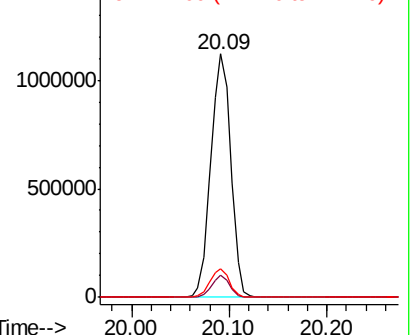
122 11.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.453 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

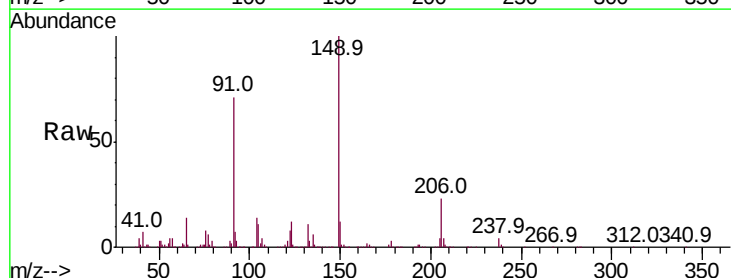
Tgt Ion:149 Resp: 494462

Ion	Ratio	Lower	Upper
149	100		
91	71.4	57.0	85.4
206	22.7	17.8	26.6

149 100

91 71.4 57.0 85.4

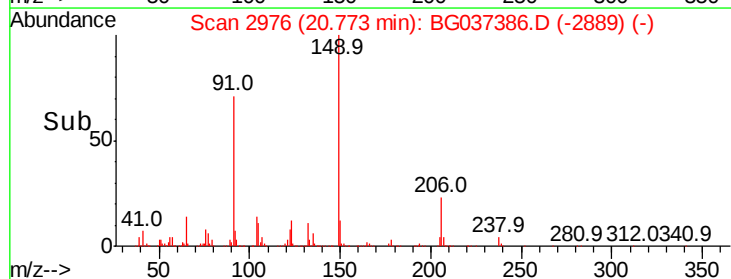
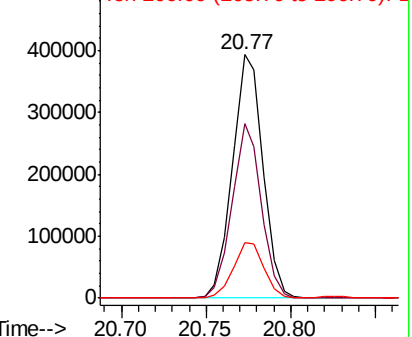
206 22.7 17.8 26.6

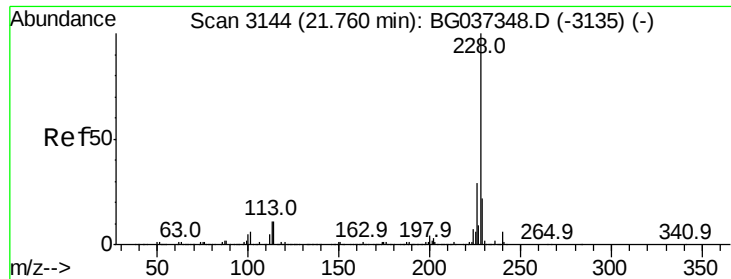


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

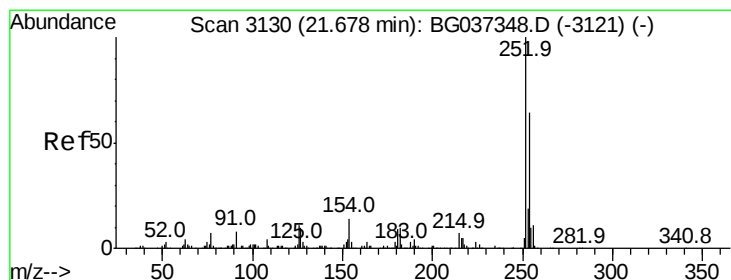
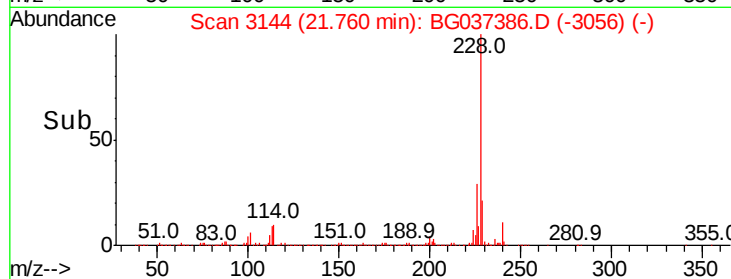
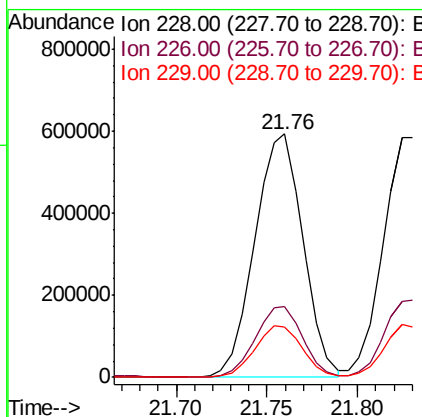
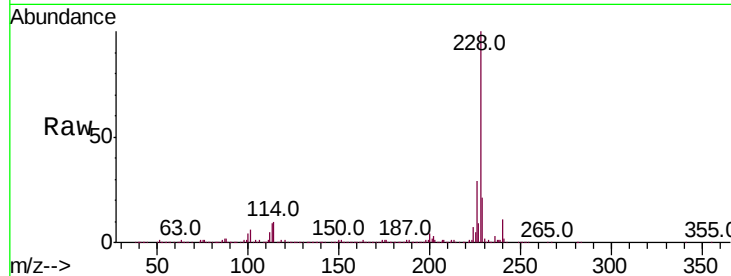




#81
Benzo(a)anthracene
Concen: 43.589 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

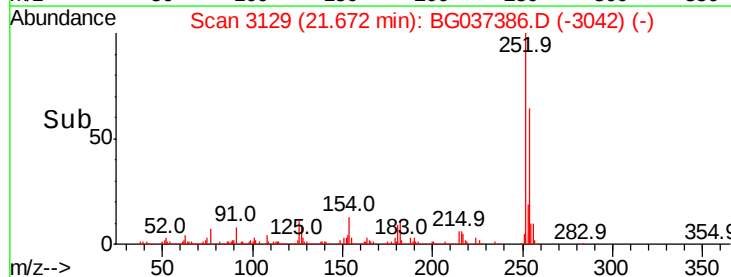
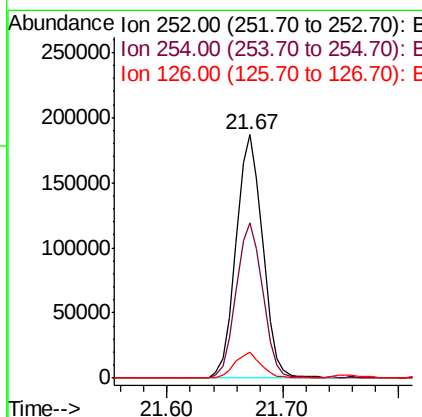
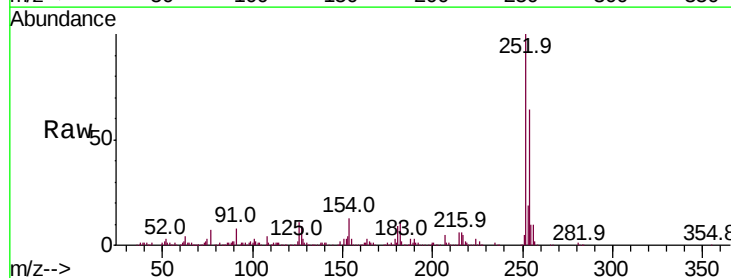
Instrument :
BNA_G
ClientSampleId :

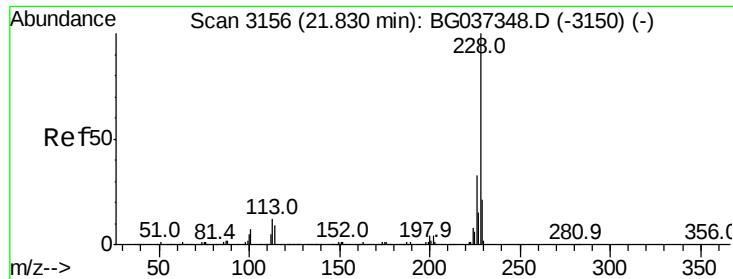
Tot Ion:228 Resp: 1095845
Ion Ratio Lower Upper
228 100
226 29.0 22.6 33.8
229 20.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.736 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:252 Resp: 298076
Ion Ratio Lower Upper
252 100
254 64.0 52.0 78.0
126 10.6 8.2 12.4



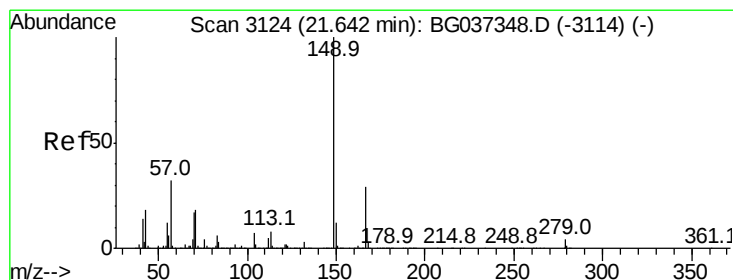
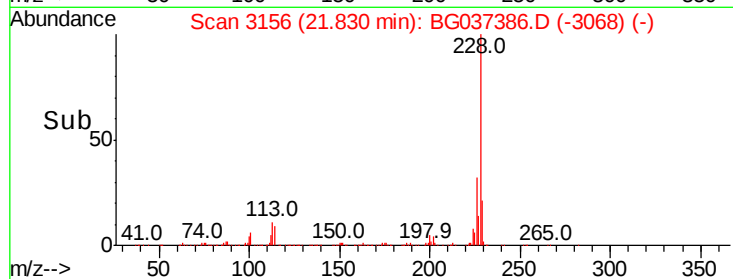
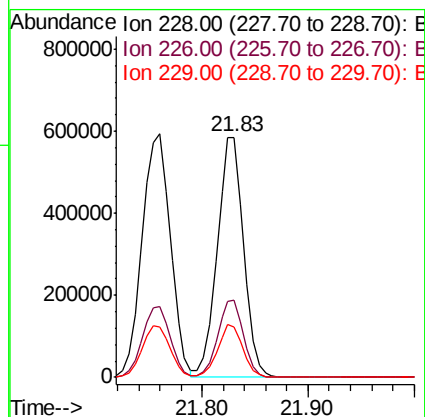
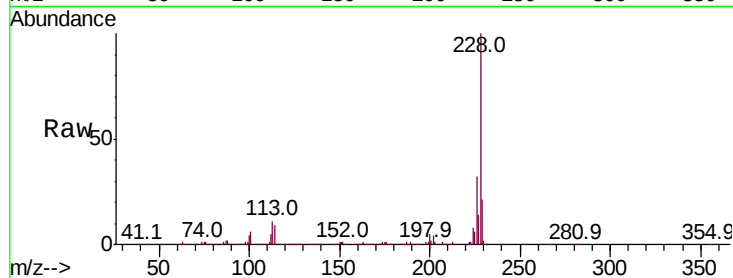


#83
 Chrysene
 Concen: 42.322 ng
 RT: 21.83 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1014960

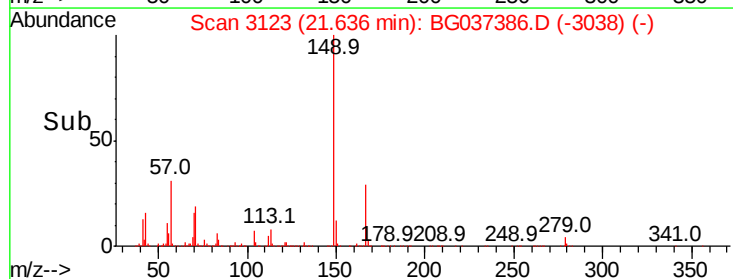
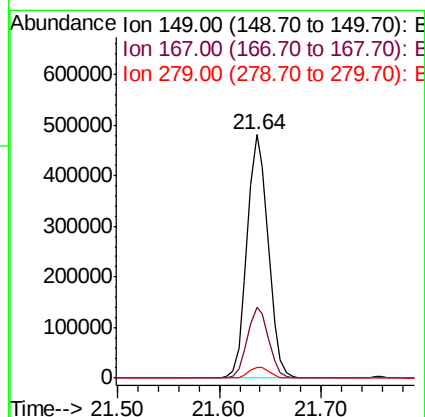
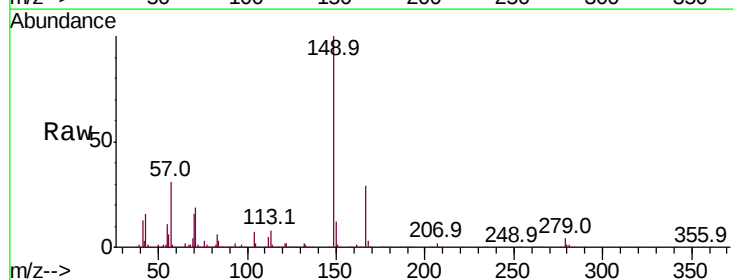
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.7	38.5
229	20.9	16.5	24.7

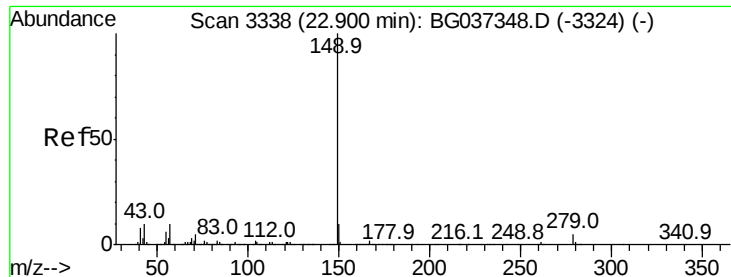


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.559 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.03 min
 Lab File: BG037386.D
 Acq: 17 Oct 2018 11:29

Tgt Ion:149 Resp: 696352

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.0	34.4
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.407 ng

RT: 22.89 min Scan# 3337

Delta R.T. -0.04 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

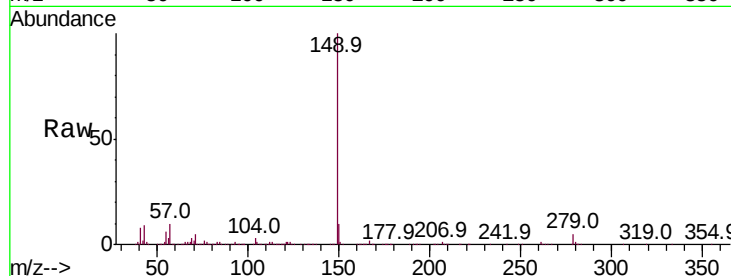
Tot Ion:149 Resp: 1176088

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

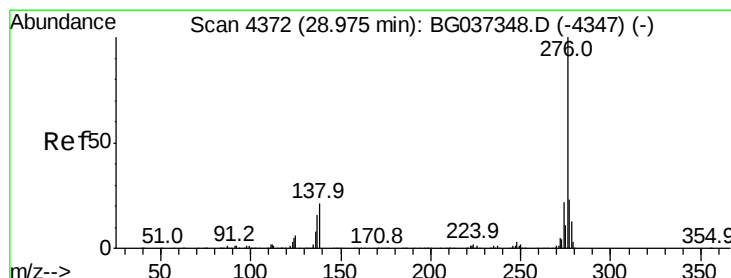
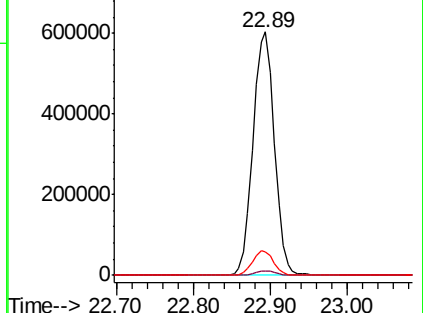
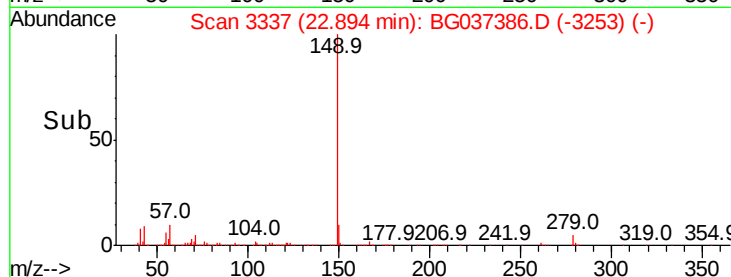
43 9.8 8.7 13.1



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: 44.418 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.05 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

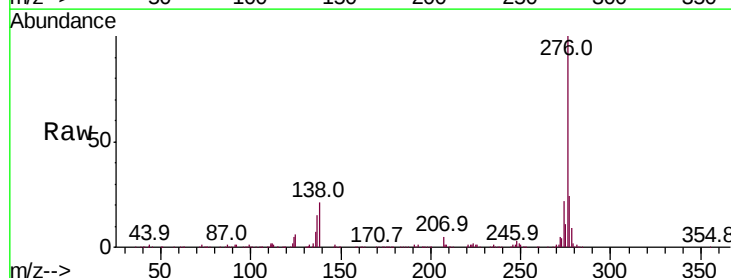
Tgt Ion:276 Resp: 1180706

Ion Ratio Lower Upper

276 100

138 16.4 12.0 18.0

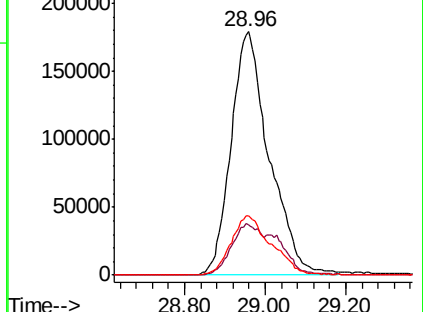
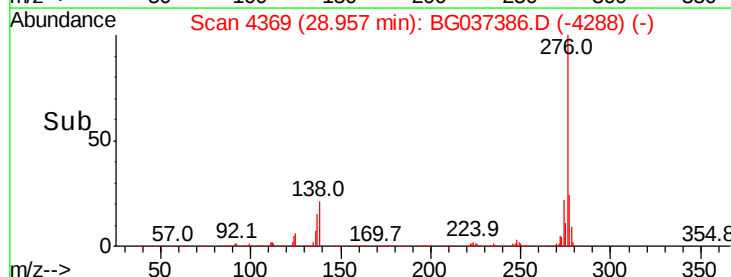
277 25.5 20.6 30.8

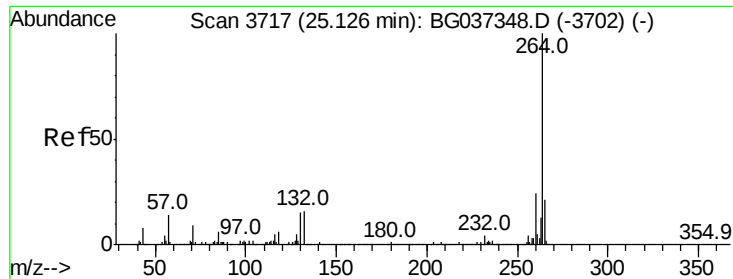


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3716

Delta R.T. -0.02 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampleId :

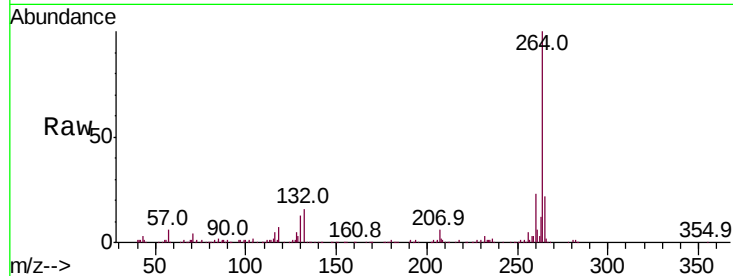
Tot Ion:264 Resp: 439300

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 21.9 17.9 26.9

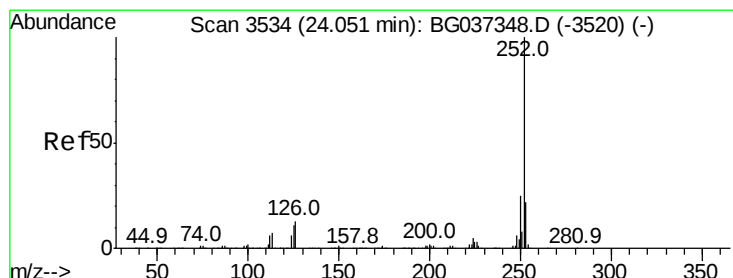
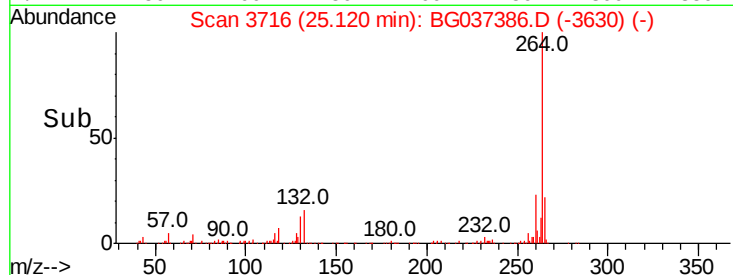
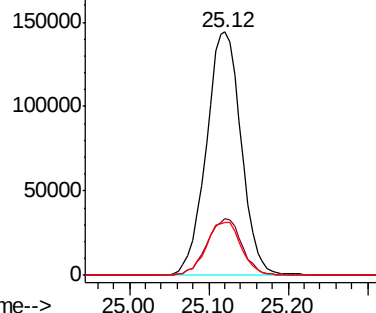


Abundance

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: 45.678 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

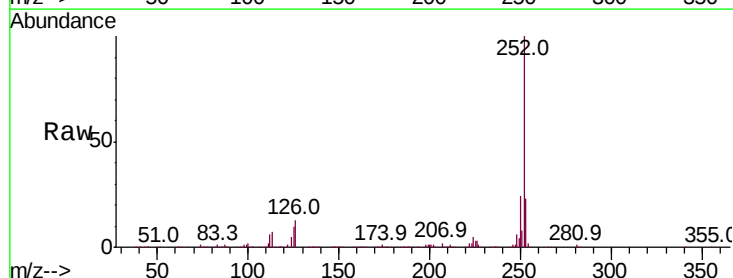
Tgt Ion:252 Resp: 1090966

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 10.3 7.8 11.6

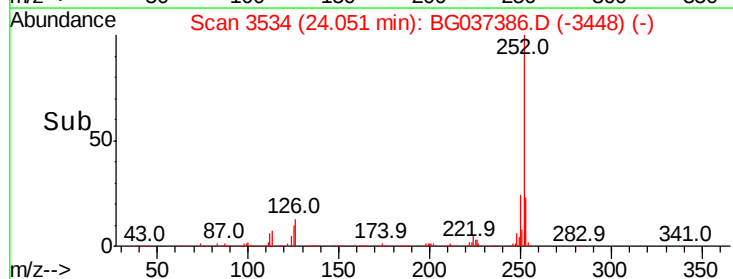
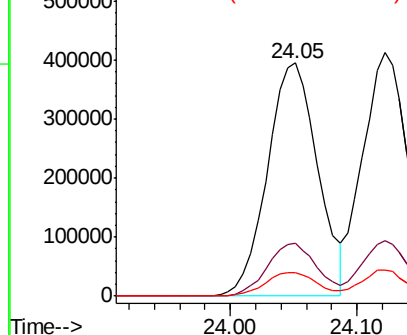


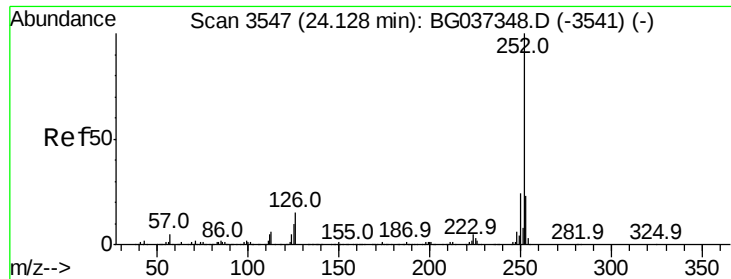
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

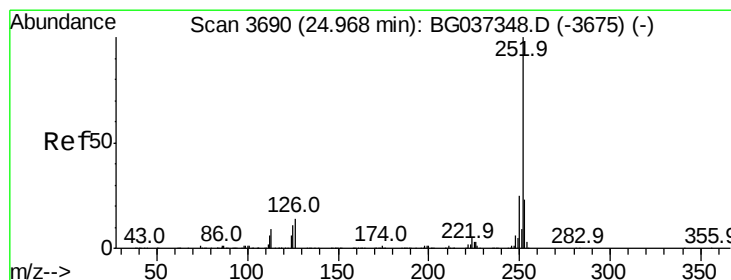
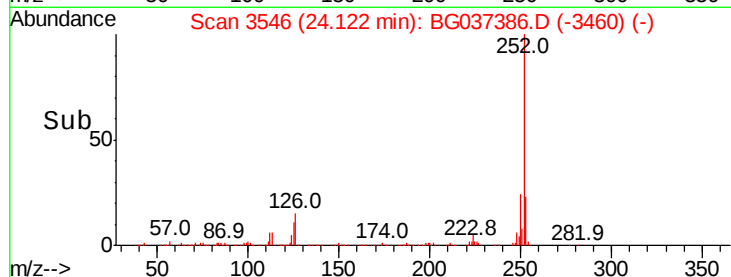
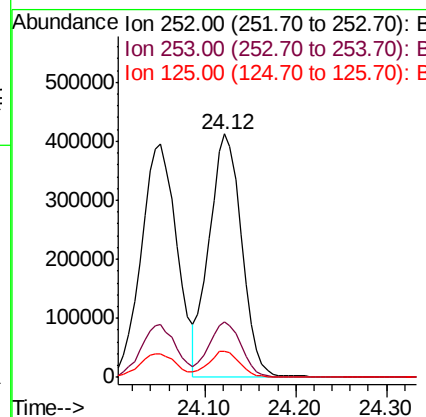
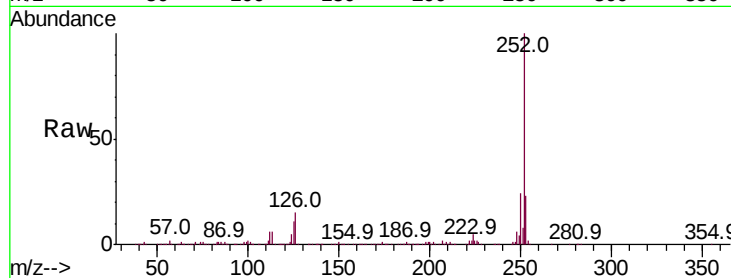




#89
Benzo(k)fluoranthene
Concen: 43.429 ng
RT: 24.12 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

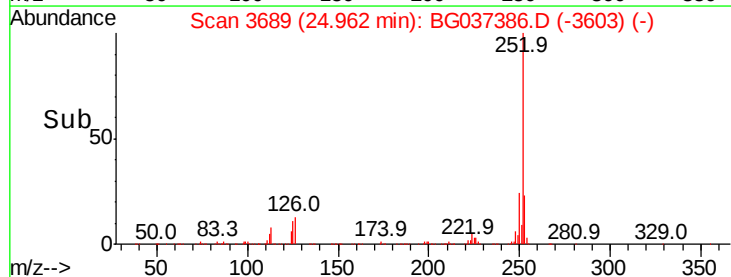
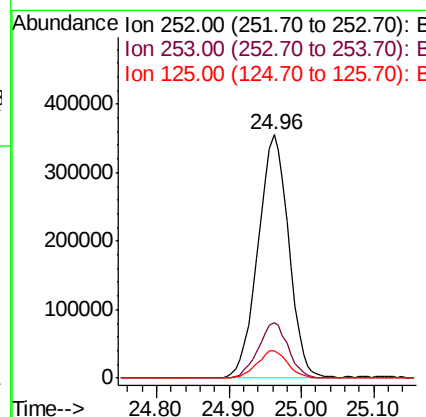
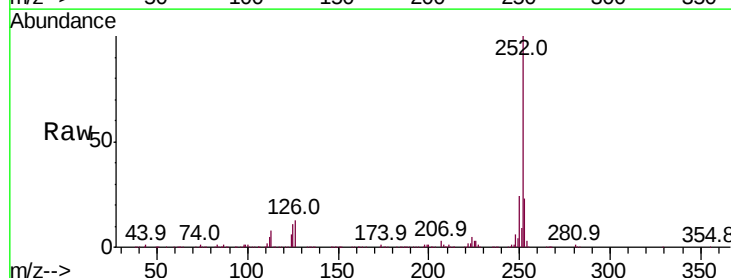
Instrument :
BNA_G
ClientSampled :

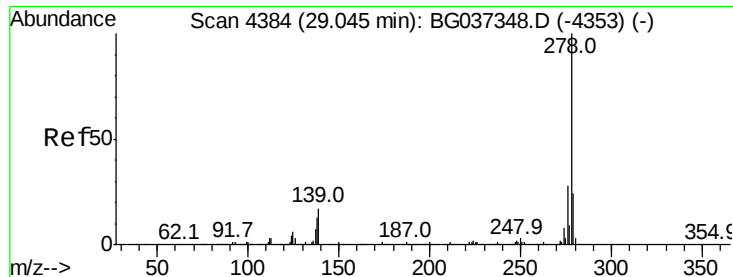
Tot Ion:252 Resp: 1023518
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.694 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG037386.D
Acq: 17 Oct 2018 11:29

Tgt Ion:252 Resp: 1046496
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.465 ng

RT: 29.03 min Scan# 4381

Delta R.T. -0.05 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

Instrument :

BNA_G

ClientSampled :

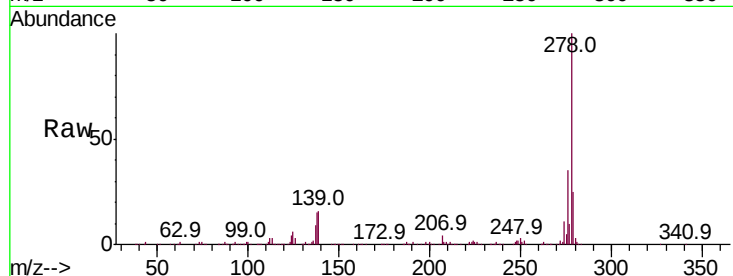
Tot Ion:278 Resp: 952470

Ion Ratio Lower Upper

278 100

139 15.6 11.5 17.3

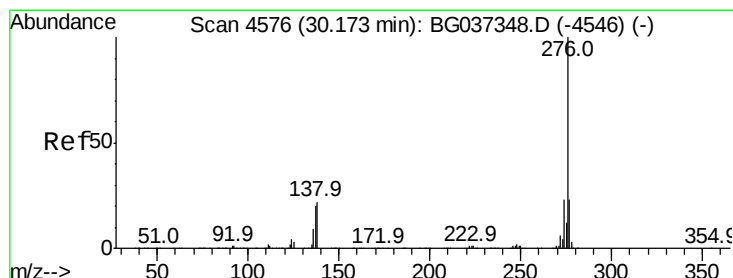
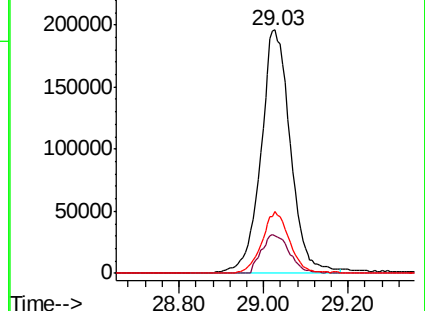
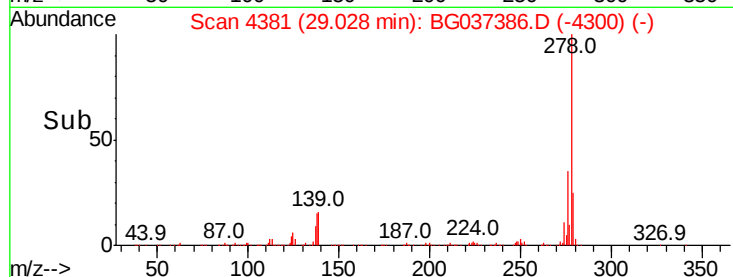
279 25.3 18.6 27.8



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: 44.261 ng

RT: 30.16 min Scan# 4574

Delta R.T. -0.05 min

Lab File: BG037386.D

Acq: 17 Oct 2018 11:29

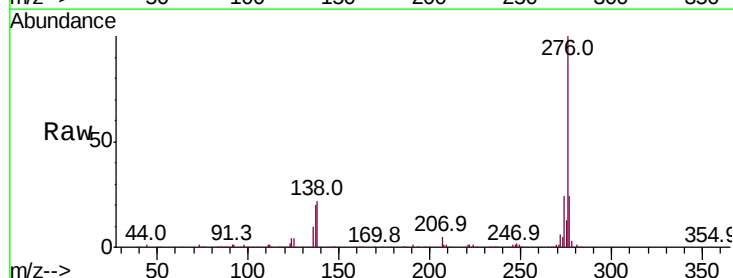
Tgt Ion:276 Resp: 968699

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 21.9 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

