

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037383.D
 Acq On : 17 Oct 2018 9:32
 Operator : JU/SJ
 Sample : PB113496BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 17 11:18:34 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	53450	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	266059	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	179162	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	444940	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	415733	20.00	ng	-0.02
87) Perylene-d12	25.12	264	439014	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	509405	167.73	ng	0.00
7) Phenol-d6	7.26	99	705235	152.99	ng	0.00
23) Nitrobenzene-d5	9.29	82	395351	97.69	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	257851	146.75	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	981680	82.29	ng	-0.02
79) Terphenyl-d14	20.09	244	1557485	78.66	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	50869	29.822	ng	96
3) Pyridine	3.93	79	144968	35.796	ng	92
4) n-Nitrosodimethylamine	3.85	42	68236	43.387	ng	# 93
6) Aniline	7.43	93	219698	36.407	ng	96
8) 2-Chlorophenol	7.67	128	181743	51.130	ng	98
9) Benzaldehyde	7.25	77	54309	17.112	ng	94
10) Phenol	7.28	94	249780	51.447	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	166404	41.953	ng	95
12) 1,3-Dichlorobenzene	8.00	146	168307	40.278	ng	96
13) 1,4-Dichlorobenzene	8.15	146	171821	40.614	ng	96
14) 1,2-Dichlorobenzene	8.47	146	168159	41.019	ng	97
15) Benzyl Alcohol	8.35	79	164417	45.597	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	307458	39.211	ng	97
17) 2-Methylphenol	8.54	107	167175	51.413	ng	98
18) Hexachloroethane	9.20	117	61727	42.749	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	141559	40.560	ng	96
20) 3+4-Methylphenols	8.87	107	235763	51.856	ng	99
22) Acetophenone	8.94	105	266619	39.753	ng	# 97
24) Nitrobenzene	9.33	77	203135	46.865	ng	95
25) Isophorone	9.85	82	407775	44.139	ng	96
26) 2-Nitrophenol	10.04	139	90355	54.033	ng	97
27) 2,4-Dimethylphenol	10.08	122	196553	50.901	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	245623	42.496	ng	96
29) 2,4-Dichlorophenol	10.57	162	199306	50.846	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	186354	39.069	ng	99
31) Naphthalene	10.99	128	562507	43.503	ng	99
32) Benzoic acid	10.16	122	43994	20.633	ng	96
33) 4-Chloroaniline	11.09	127	165065	27.213	ng	96
34) Hexachlorobutadiene	11.25	225	107330	36.235	ng	96
35) Caprolactam	11.88	113	73203	45.810	ng	97
36) 4-Chloro-3-methylphenol	12.19	107	218015	47.095	ng	96
37) 2-Methylnaphthalene	12.58	142	428674	45.428	ng	99
38) 1-Methylnaphthalene	12.80	142	411537	44.654	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	215107	37.075	ng	99

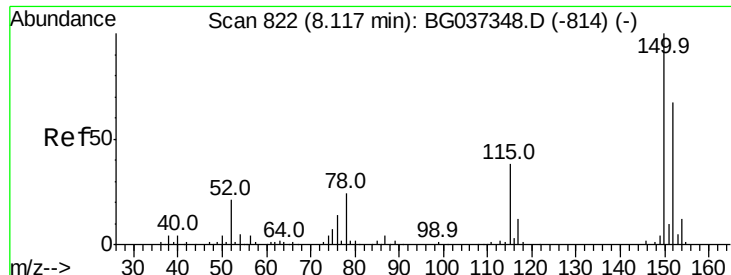
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037383.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	253770	106.096	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	163866	48.685	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	179468	49.557	ng	96
46) 1,1'-Biphenyl	13.58	154	558079	37.866	ng	99
47) 2-Chloronaphthalene	13.63	162	440529	39.572	ng	98
48) 2-Nitroaniline	13.83	65	145815	48.302	ng	97
49) Acenaphthylene	14.47	152	733234	43.056	ng	99
50) Dimethylphthalate	14.20	163	589213	41.848	ng	100
51) 2,6-Dinitrotoluene	14.32	165	129512	47.419	ng	94
52) Acenaphthene	14.81	154	436746	41.519	ng	99
53) 3-Nitroaniline	14.65	138	115532	39.218	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	21274	30.196	ng	98
55) Dibenzofuran	15.14	168	698104	40.900	ng	99
56) 4-Nitrophenol	14.94	139	206026	89.721	ng	97
57) 2,4-Dinitrotoluene	15.11	165	179842	51.516	ng	98
58) Fluorene	15.79	166	564640	43.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	159152	49.638	ng	99
60) Diethylphthalate	15.55	149	605864	41.521	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	294568	39.038	ng	98
62) 4-Nitroaniline	15.82	138	149710	48.418	ng	94
63) Azobenzene	16.07	77	575887	41.164	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	31938	26.038	ng	96
66) n-Nitrosodiphenylamine	15.99	169	523415	40.058	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	188428	39.239	ng	99
68) Hexachlorobenzene	16.78	284	191726	38.508	ng	98
69) Atrazine	16.94	200	203027	41.806	ng	99
70) Pentachlorophenol	17.13	266	155712	48.475	ng	96
71) Phenanthrene	17.53	178	953594	42.103	ng	100
72) Anthracene	17.63	178	973798	43.926	ng	98
73) Carbazole	17.90	167	897781	39.305	ng	99
74) Di-n-butylphthalate	18.44	149	1061098	43.342	ng	100
75) Fluoranthene	19.54	202	1136680	42.939	ng	97
77) Benzidine	19.72	184	521264	32.775	ng	100
78) Pyrene	19.90	202	1133124	41.820	ng	99
80) Butylbenzylphthalate	20.78	149	485388	46.044	ng	97
81) Benzo(a)anthracene	21.76	228	1078918	43.333	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	287554	29.939	ng	99
83) Chrysene	21.83	228	988114	41.603	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	677215	44.737	ng	98
85) Di-n-octyl phthalate	22.89	149	1149661	46.792	ng	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1191212	45.249	ng	99
88) Benzo(b)fluoranthene	24.05	252	1068274	44.757	ng	99
89) Benzo(k)fluoranthene	24.13	252	1033411	43.877	ng	97
90) Benzo(a)pyrene	24.96	252	1039692	45.427	ng	100
91) Dibenzo(a,h)anthracene	29.03	278	959619	43.820	ng	96
92) Benzo(g,h,i)perylene	30.16	276	982070	44.902	ng	98

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

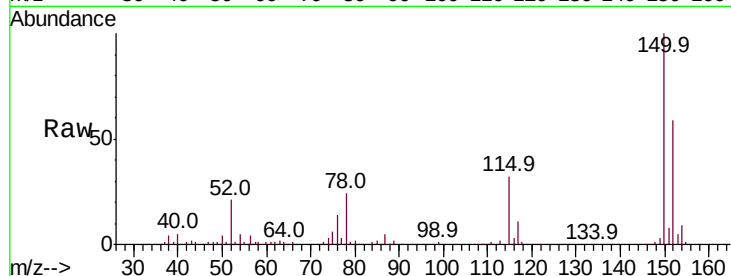


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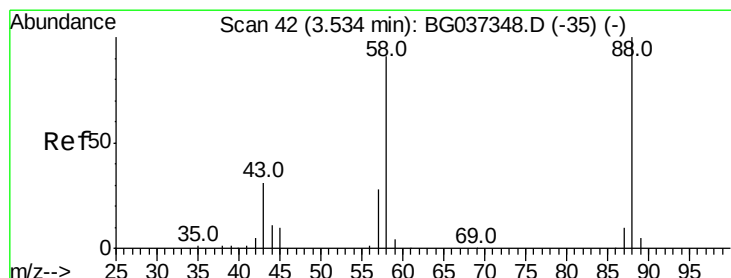
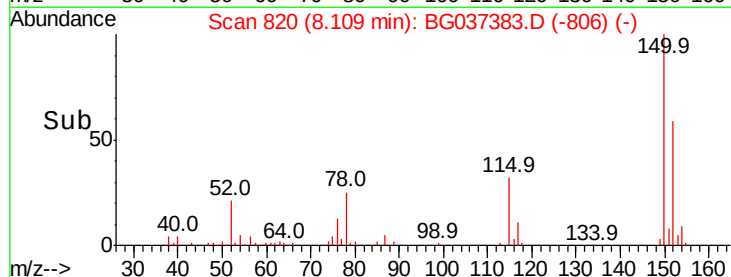
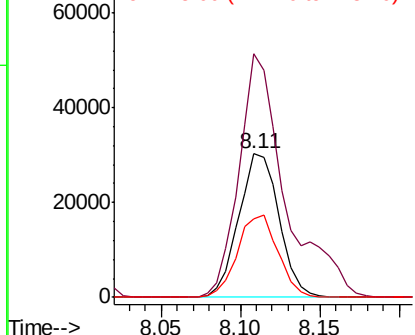
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53450
Ion Ratio Lower Upper
152 100
150 170.0 126.0 189.0
115 54.5 45.5 68.3



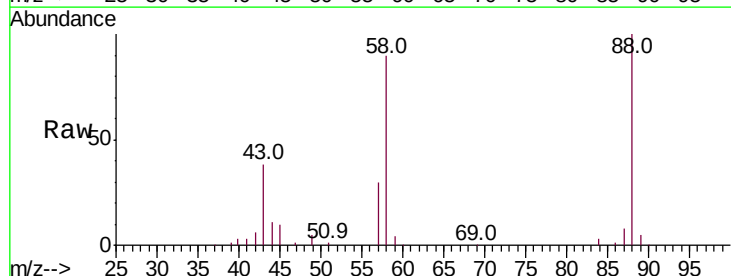
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



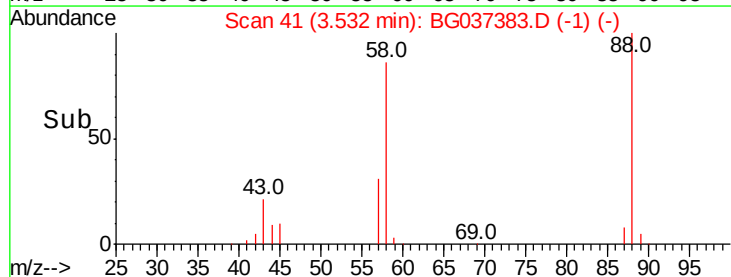
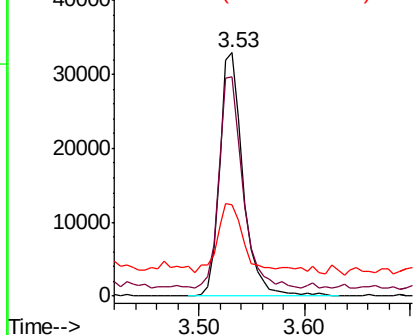
#2

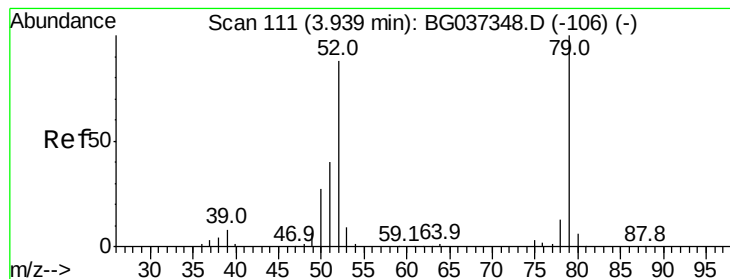
1,4-Dioxane
Concen: 29.822 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion: 88 Resp: 50869
Ion Ratio Lower Upper
88 100
58 88.3 74.4 111.6
43 30.8 25.8 38.8



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





#3

Pvridine

Concen: 35.796 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

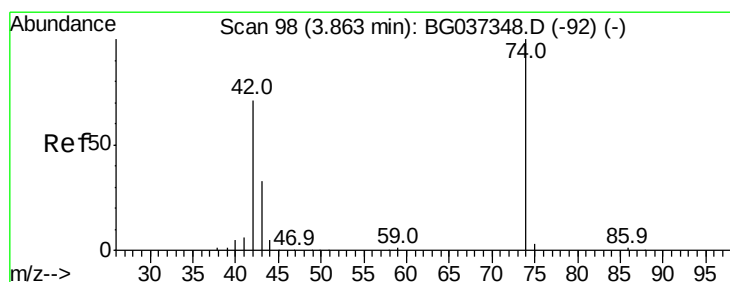
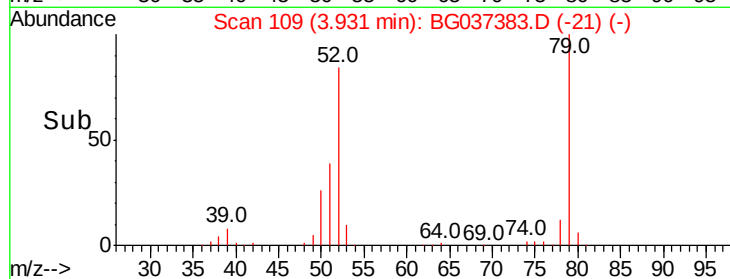
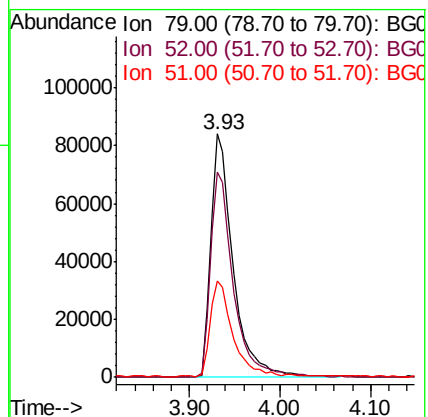
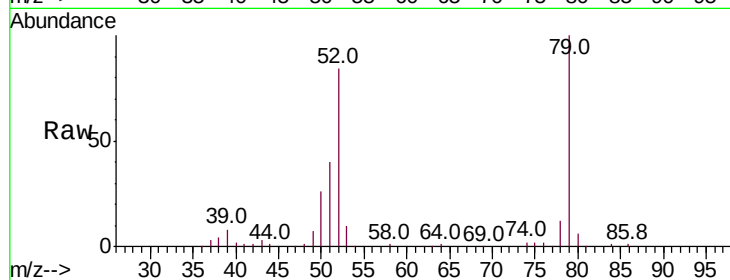
Tot Ion: 79 Resp: 144968

Ion Ratio Lower Upper

79 100

52 84.4 74.2 111.2

51 39.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 43.387 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

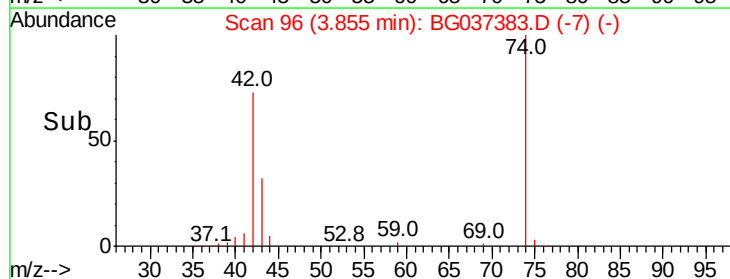
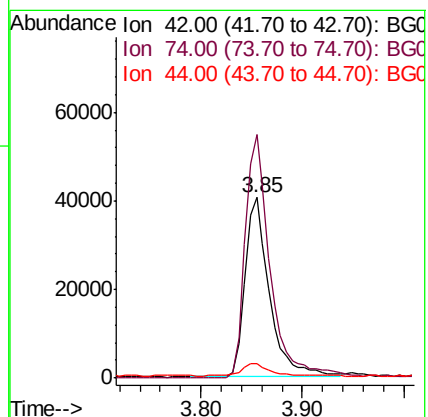
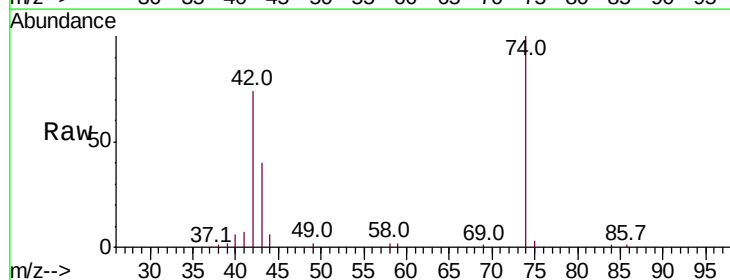
Tgt Ion: 42 Resp: 68236

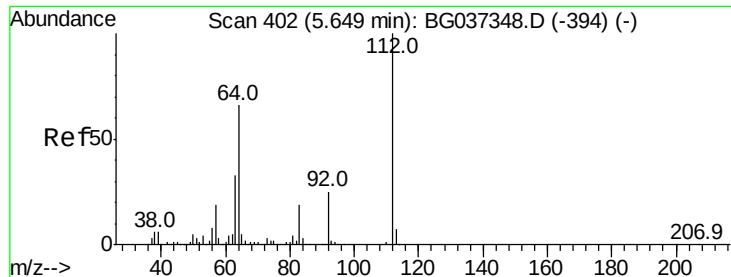
Ion Ratio Lower Upper

42 100

74 134.6 102.0 153.0

44 8.0 9.6 14.4#





#5

2-Fluorophenol

Concen: 167.728 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

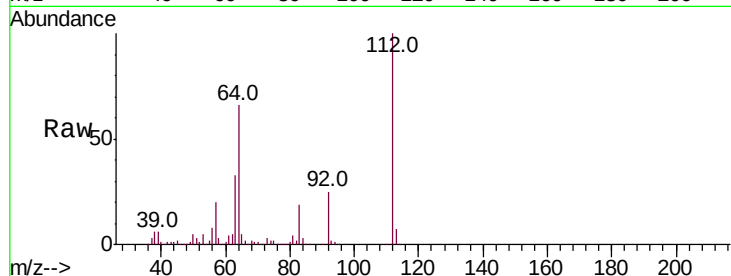
Tot Ion:112 Resp: 509405

Ion Ratio Lower Upper

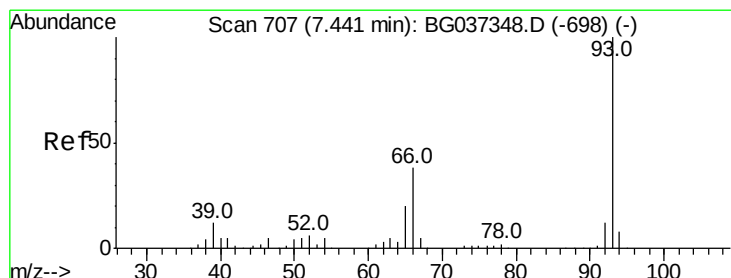
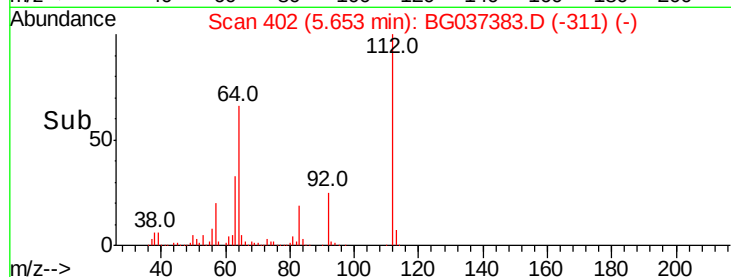
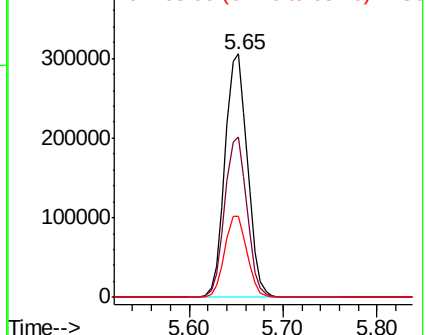
112 100

64 66.0 53.1 79.7

63 33.1 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: 36.407 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

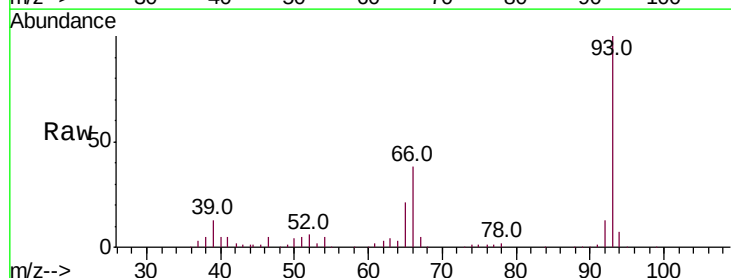
Tgt Ion: 93 Resp: 219698

Ion Ratio Lower Upper

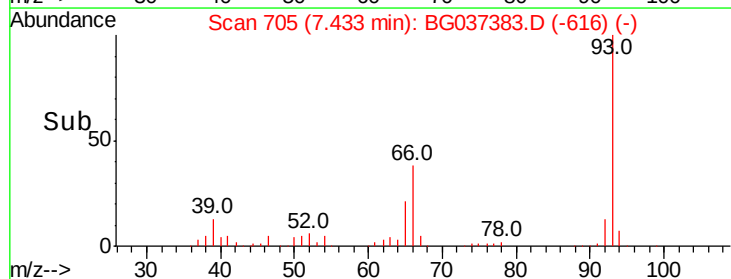
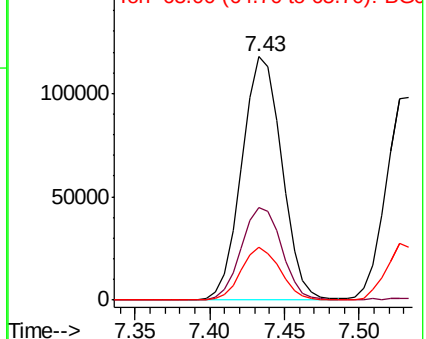
93 100

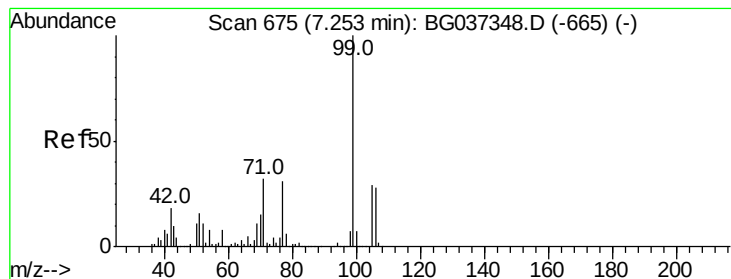
66 37.9 32.8 49.2

65 21.5 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: 152.986 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

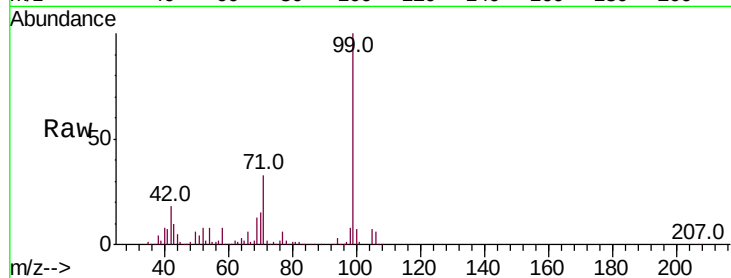
Tot Ion: 99 Resp: 705235

Ion Ratio Lower Upper

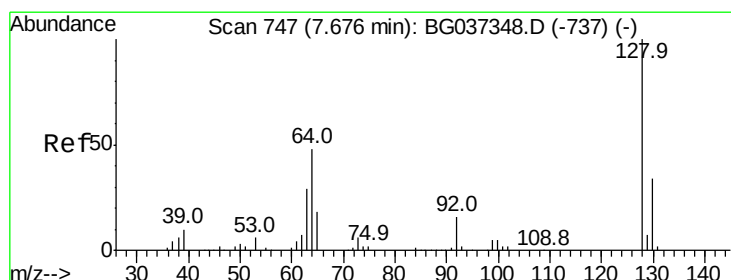
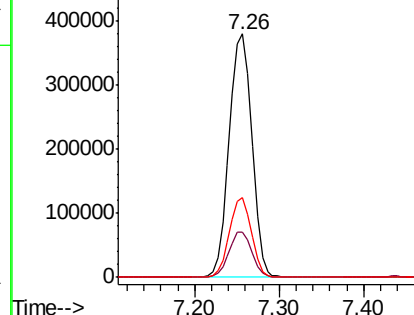
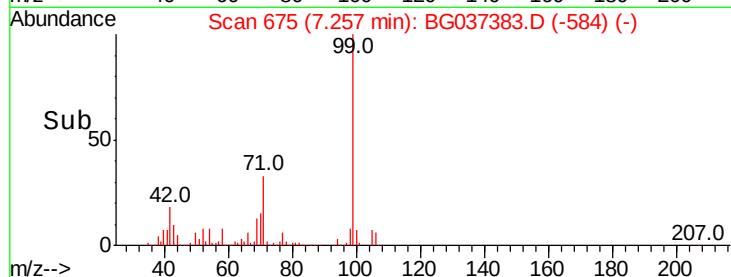
99 100

42 18.4 15.0 22.4

71 32.6 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: 51.130 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

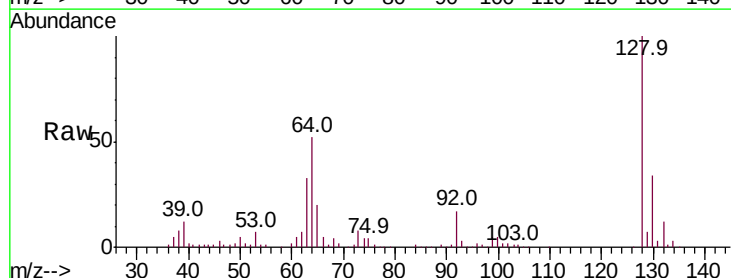
Tgt Ion: 128 Resp: 181743

Ion Ratio Lower Upper

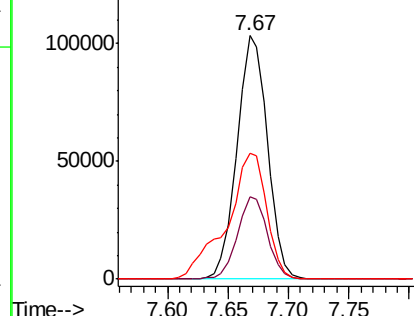
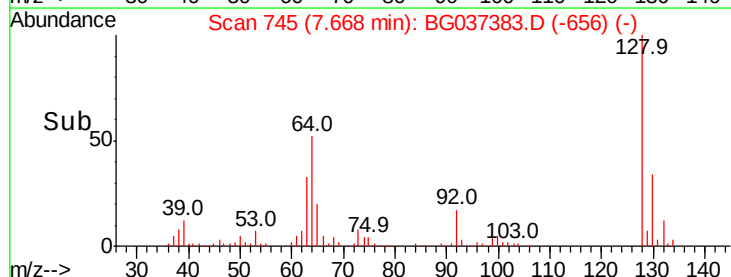
128 100

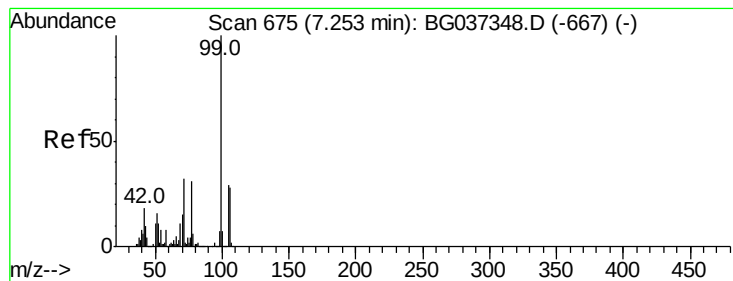
130 33.7 12.0 52.0

64 51.9 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: 17.112 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

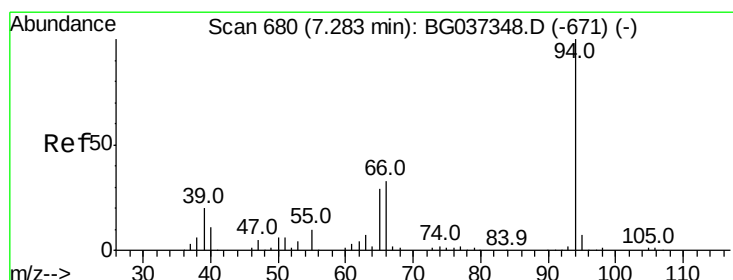
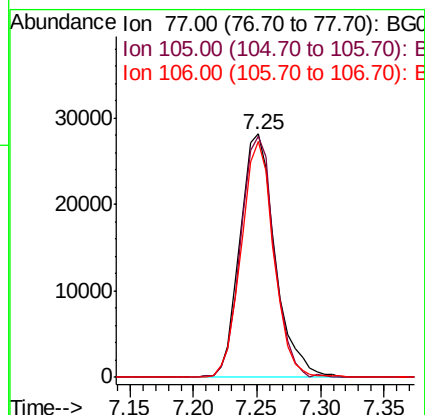
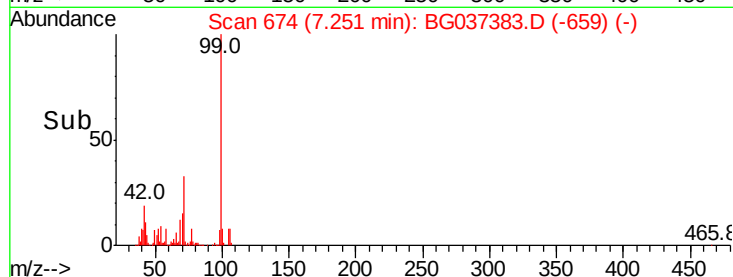
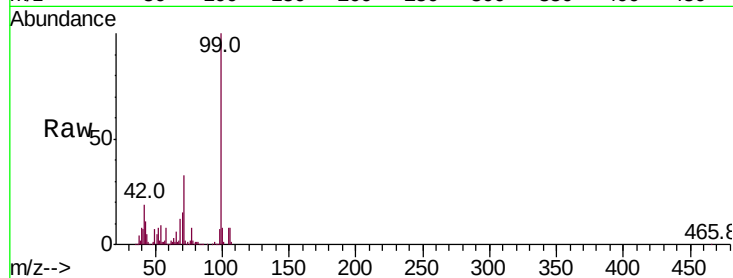
Tot Ion: 77 Resp: 54309

Ion Ratio Lower Upper

77 100

105 98.8 72.6 112.6

106 97.1 71.3 111.3



#10

Phenol

Concen: 51.447 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

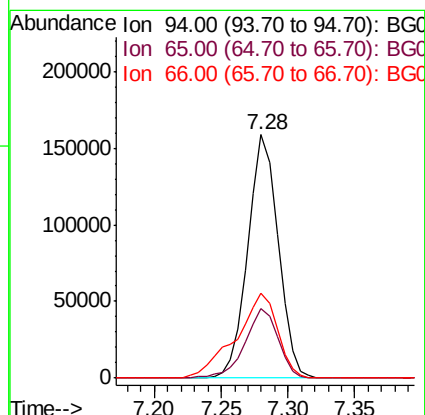
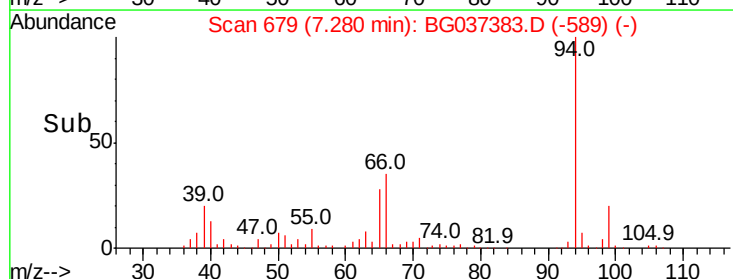
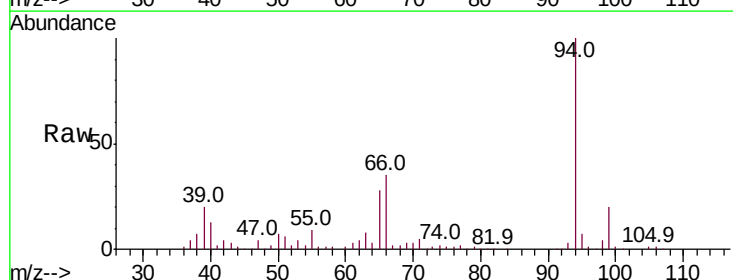
Tgt Ion: 94 Resp: 249780

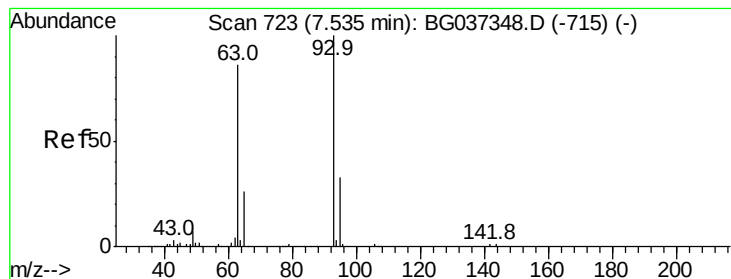
Ion Ratio Lower Upper

94 100

65 28.5 9.7 49.7

66 34.8 15.9 55.9





#11

bis(2-Chloroethyl)ether

Concen: 41.953 ng

RT: 7.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

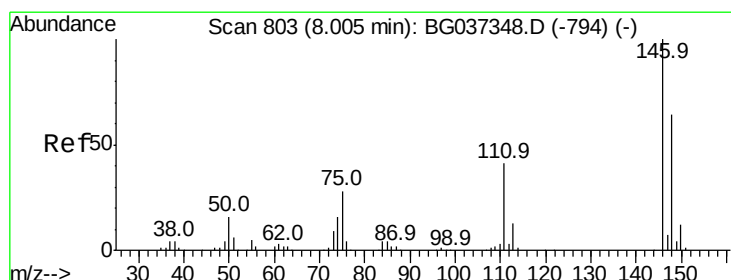
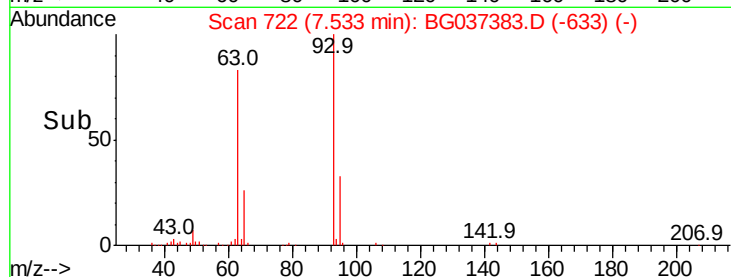
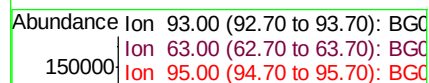
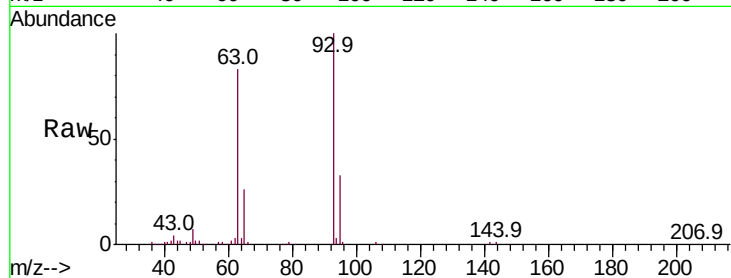
Tot Ion: 93 Resp: 166404

Ion Ratio Lower Upper

93 100

63 83.0 69.5 109.5

95 33.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.278 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

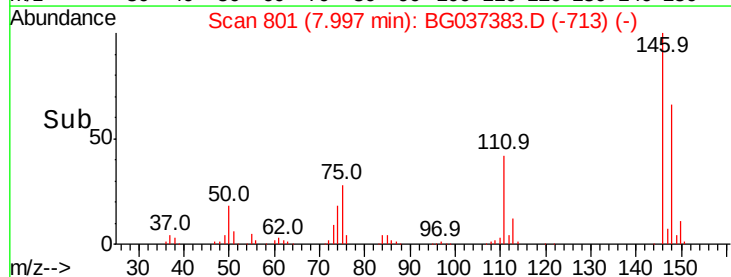
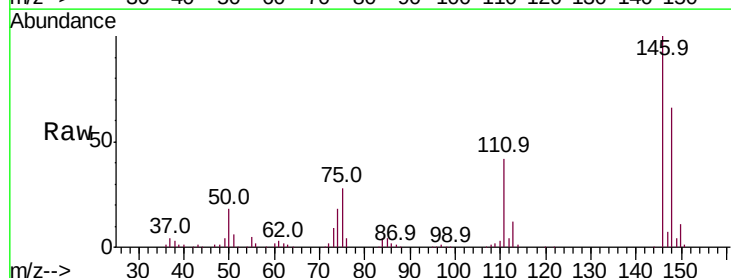
Tgt Ion: 146 Resp: 168307

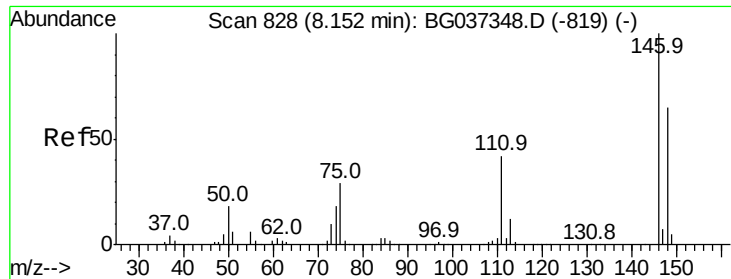
Ion Ratio Lower Upper

146 100

148 66.0 49.8 74.8

75 27.8 23.2 34.8

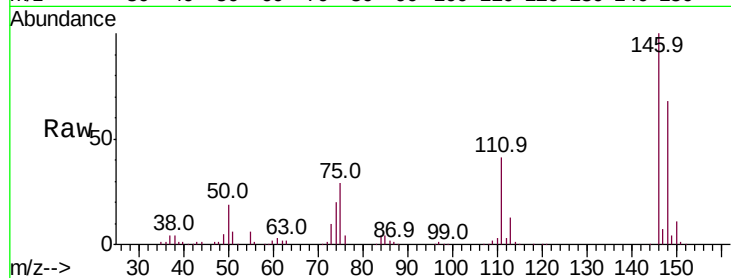




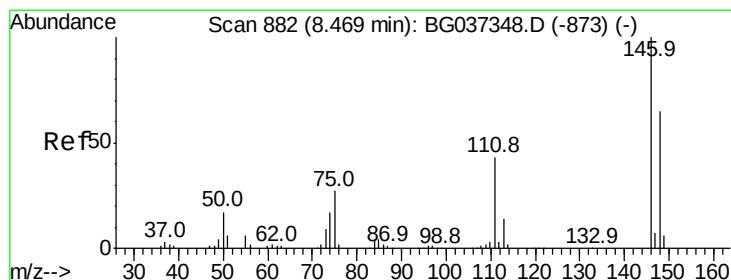
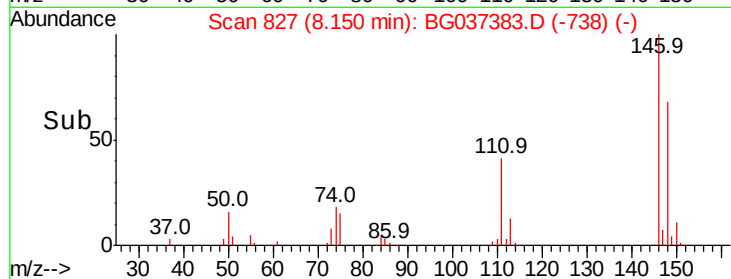
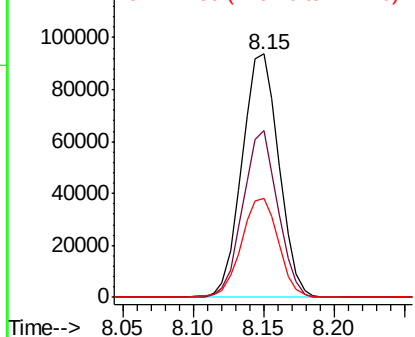
#13
 1,4-Dichlorobenzene
 Concen: 40.614 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 171821
 Ion Ratio Lower Upper
 146 100
 148 68.3 51.0 76.6
 111 40.9 32.4 48.6

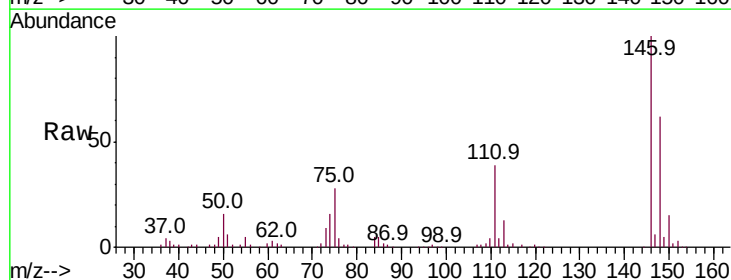


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

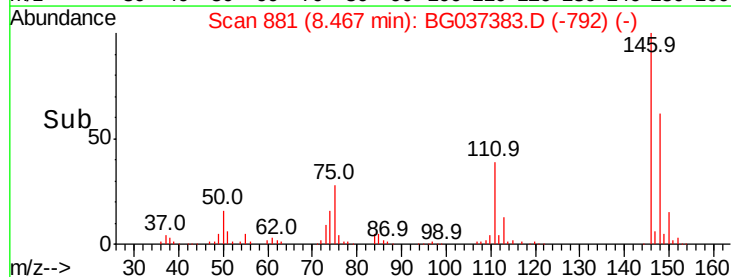
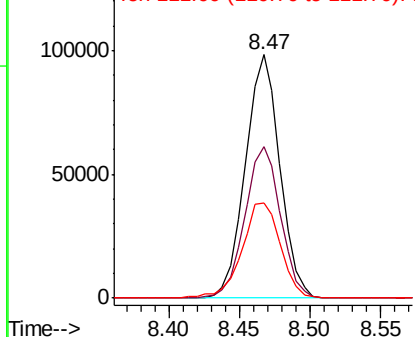


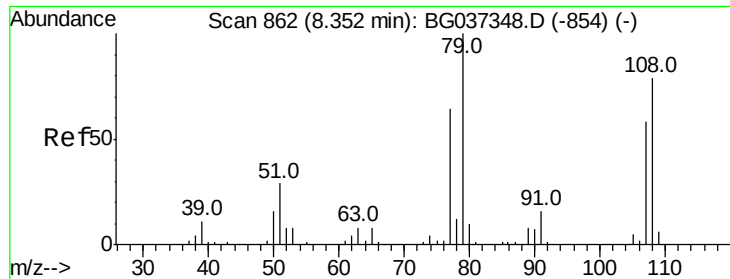
#14
 1,2-Dichlorobenzene
 Concen: 41.019 ng
 RT: 8.47 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion:146 Resp: 168159
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.4 75.6
 111 39.3 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

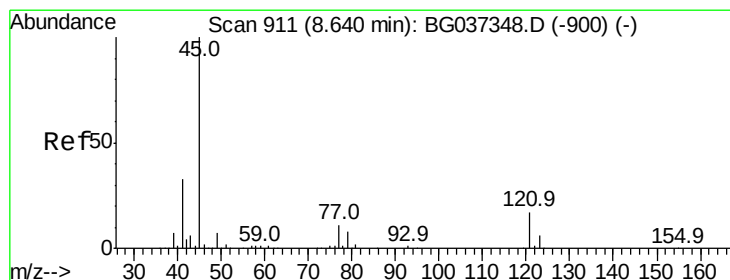
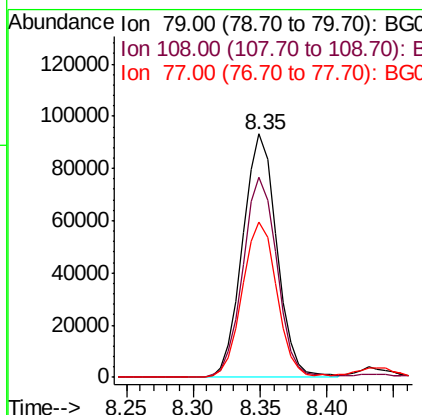
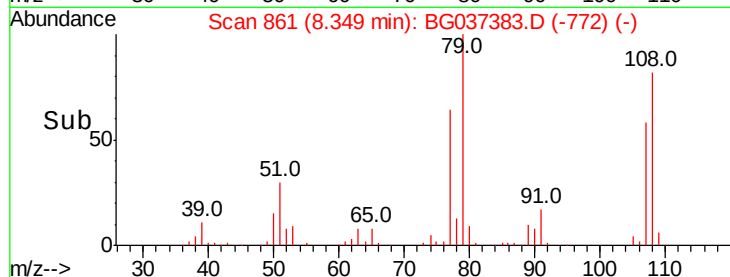
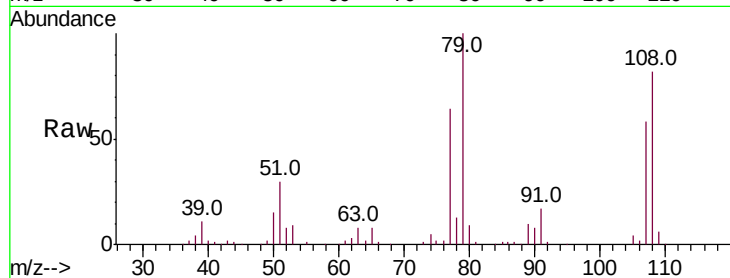




#15
Benzyl Alcohol
Concen: 45.597 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

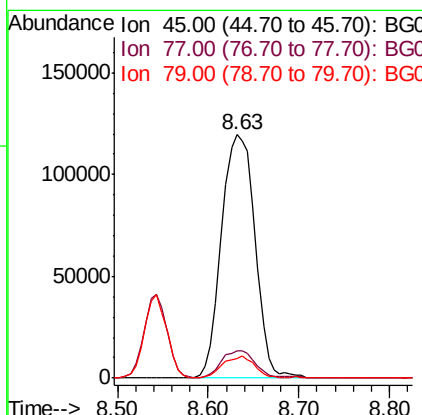
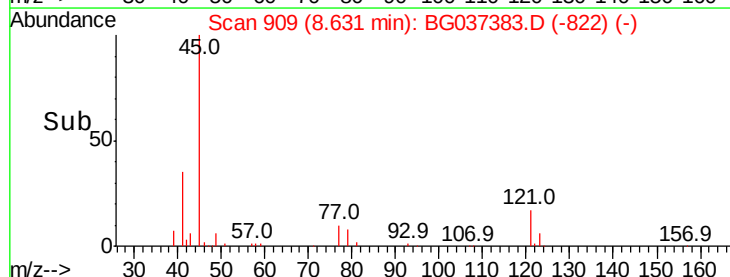
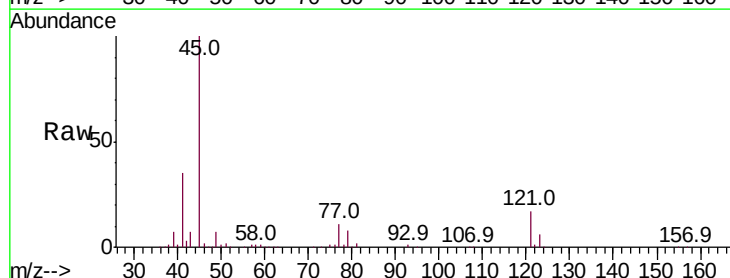
Instrument :
BNA_G
ClientSampleId :

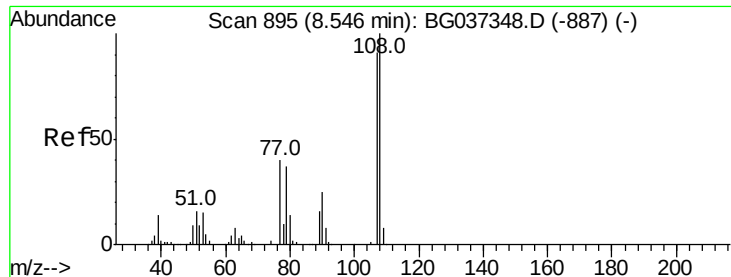
Tot Ion: 79 Resp: 164417
Ion Ratio Lower Upper
79 100
108 82.2 65.8 98.8
77 63.5 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.211 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion: 45 Resp: 307458
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.0
79 8.1 0.0 29.0





#17

2-Methylphenol

Concen: 51.413 ng

RT: 8.54 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 167175

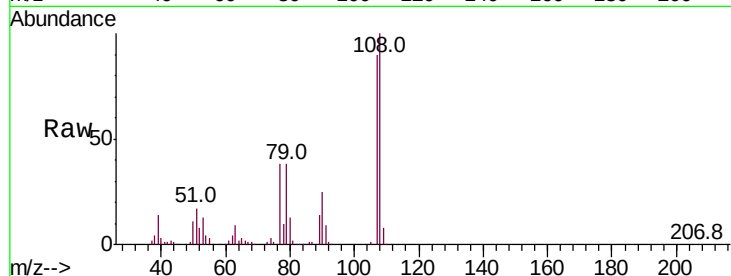
Ion Ratio Lower Upper

107 100

108 111.7 87.9 131.9

77 42.3 35.1 52.7

79 42.4 34.5 51.7

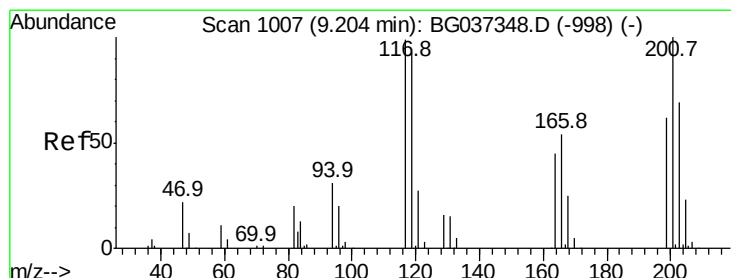
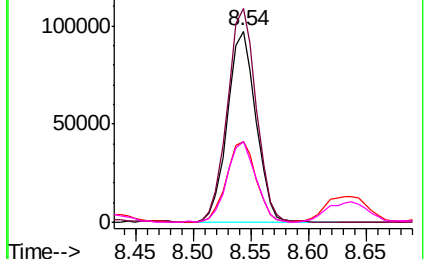
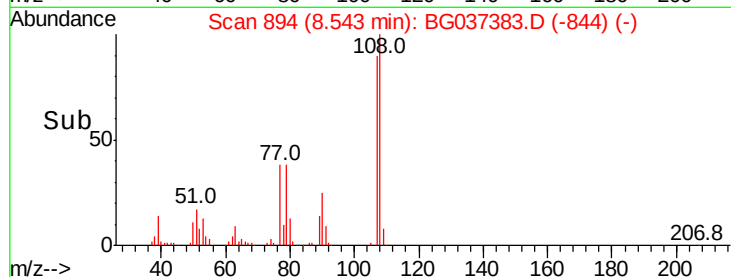


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.749 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

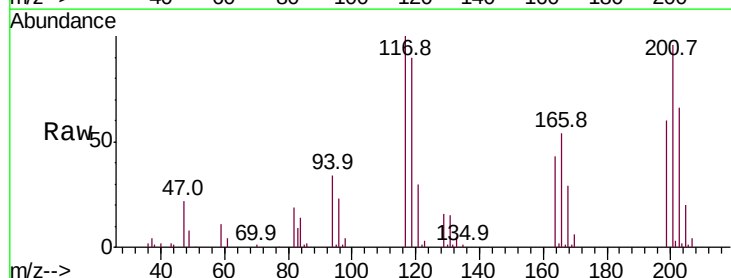
Tgt Ion:117 Resp: 61727

Ion Ratio Lower Upper

117 100

119 89.9 74.6 111.8

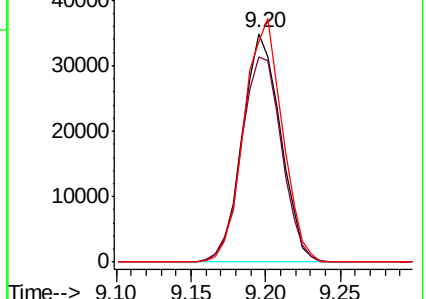
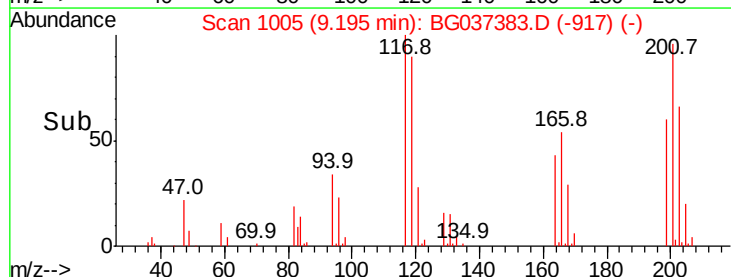
201 99.4 80.8 121.2

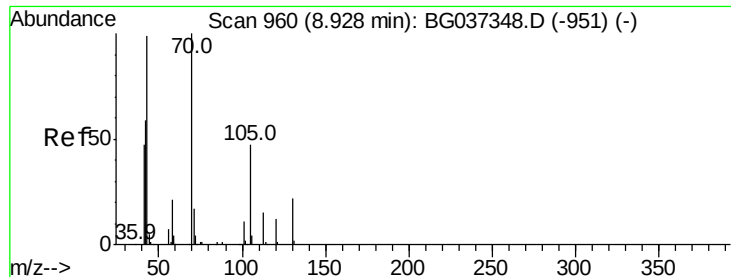


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

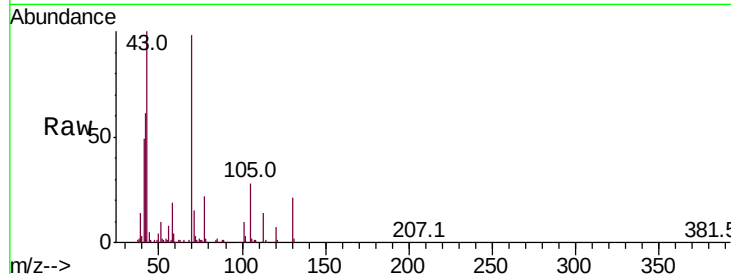




#19
n-Nitroso-di-n-propylamine
Concen: 40.560 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	141559
Ion	Ratio	Lower	Upper
70	100		
42	62.8	53.9	80.9
101	10.7	8.2	12.2
130	22.0	18.2	27.4



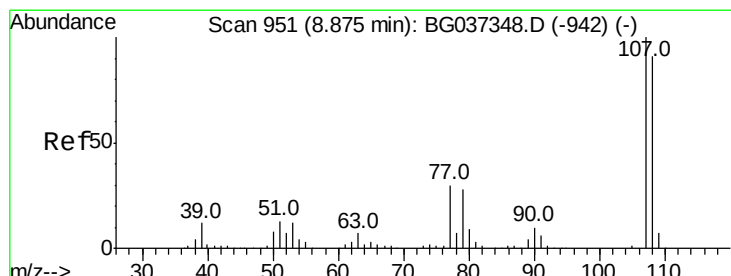
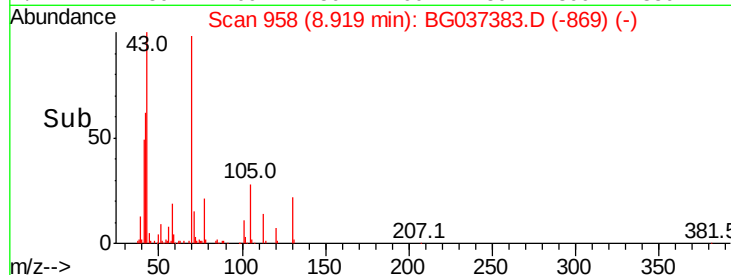
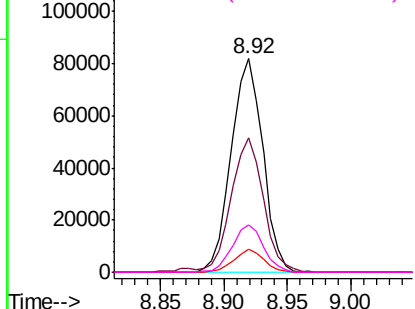
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

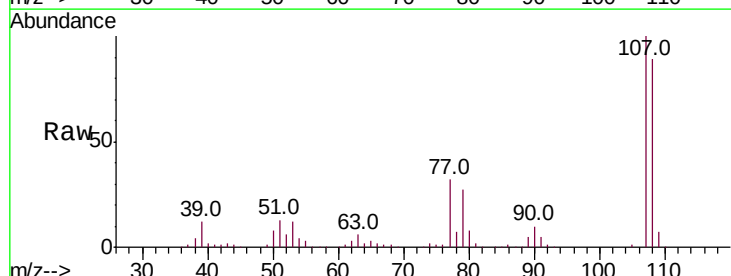
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 51.856 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion:	107	Resp:	235763
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.9	109.9
77	31.8	11.2	51.2
79	26.6	6.6	46.6



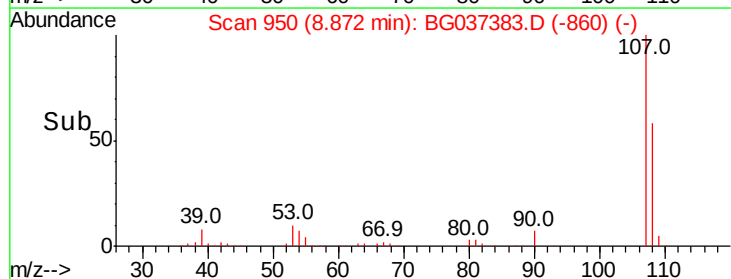
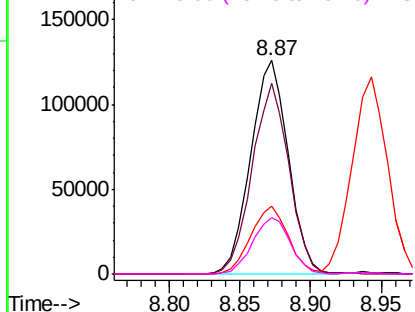
Abundance

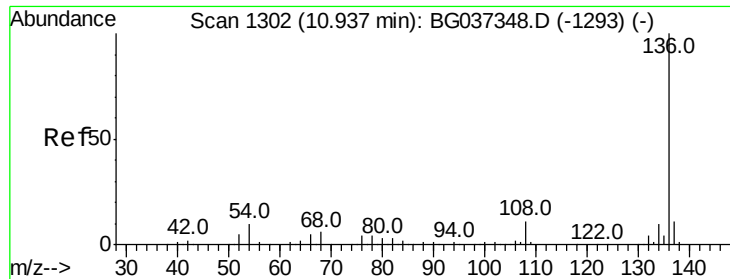
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

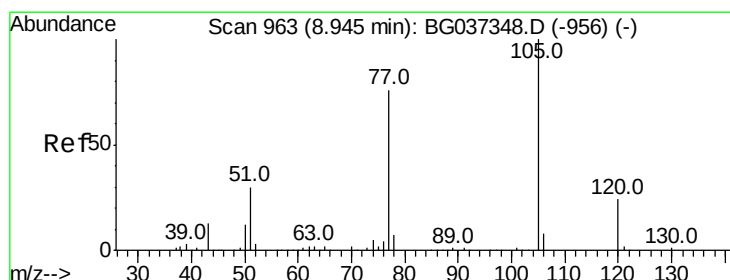
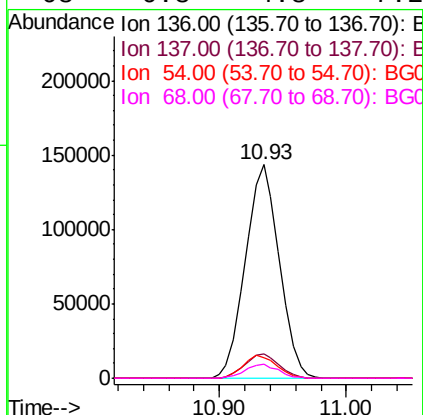
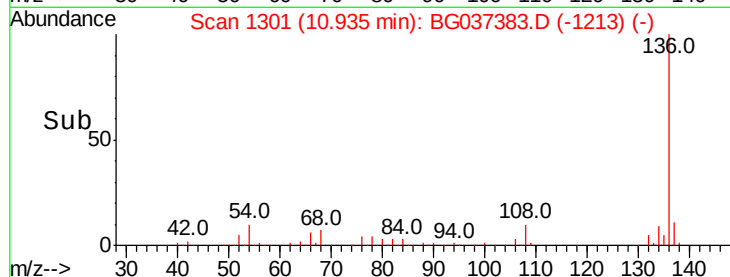
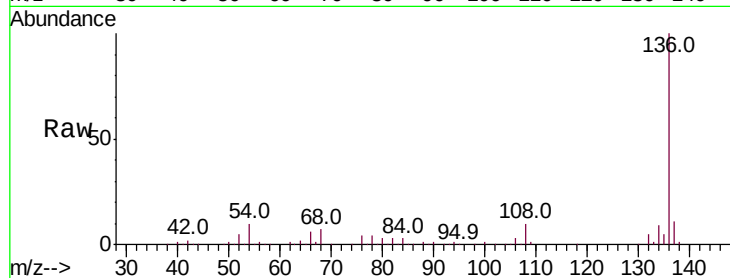




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

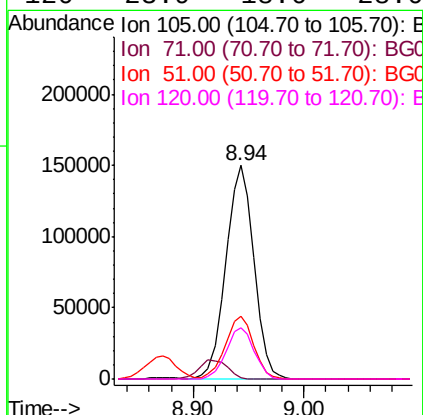
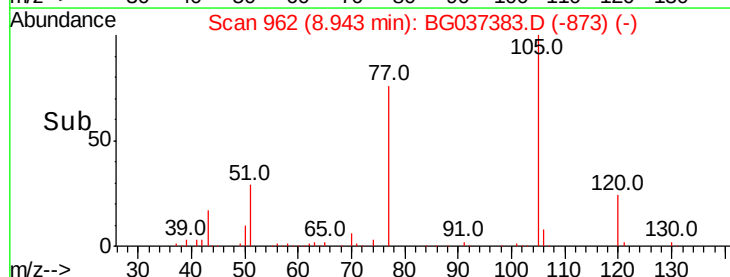
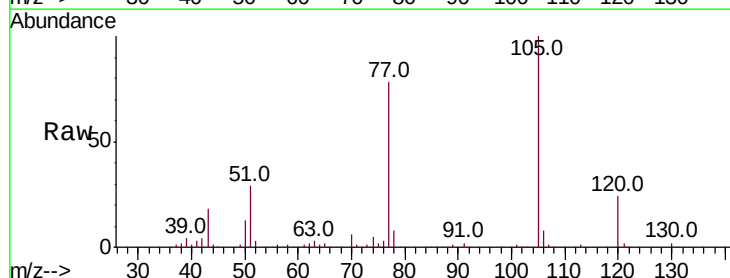
Instrument :
BNA_G
ClientSampleId :

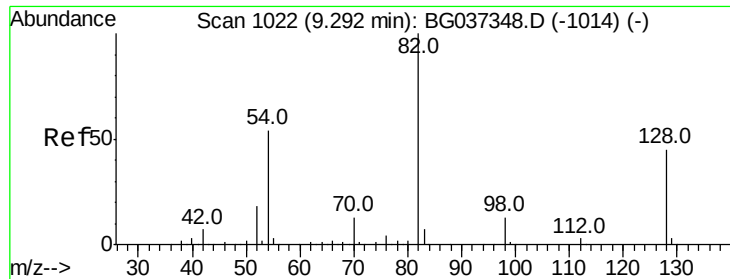
Tot Ion:136	Resp:	266059
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.6 14.4
54	9.9	7.9 11.9
68	6.8	4.8 7.2



#22
Acetophenone
Concen: 39.753 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion:105	Resp:	266619
Ion	Ratio	Lower Upper
105	100	
71	0.8	1.2 1.8#
51	29.1	25.0 37.6
120	23.9	18.6 28.0

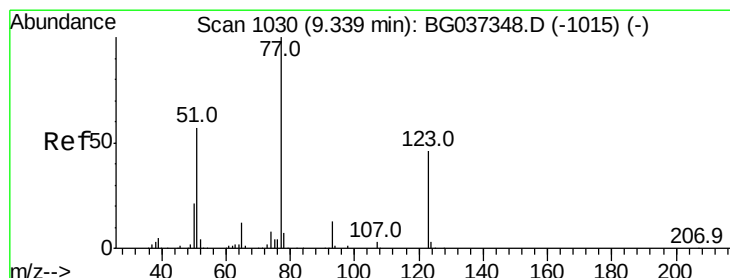
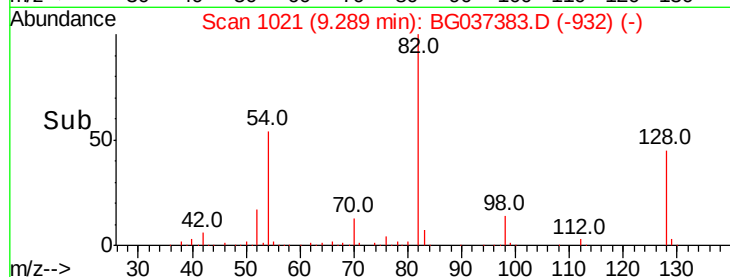
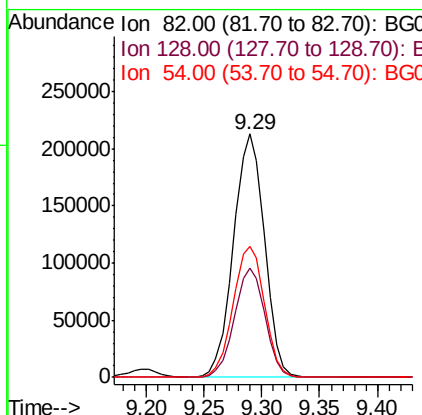
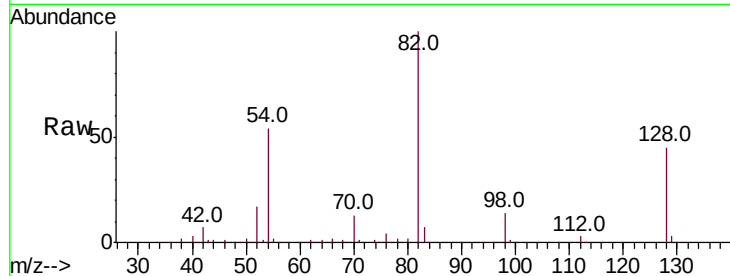




#23
 Nitrobenzene-d5
 Concen: 97.694 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

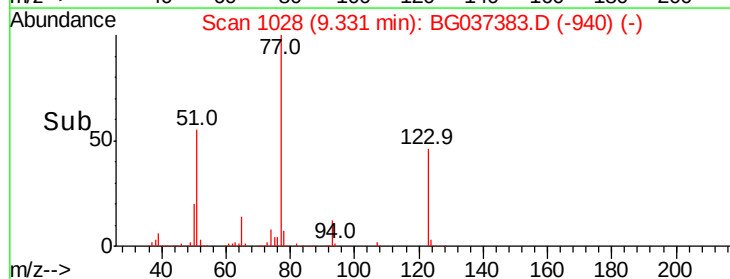
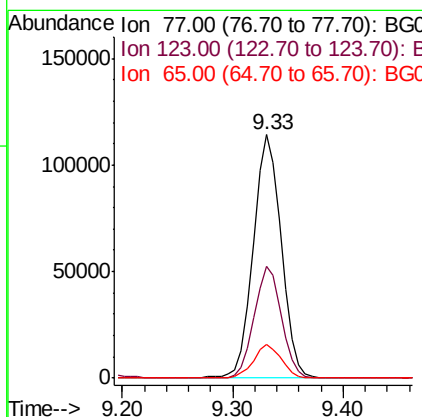
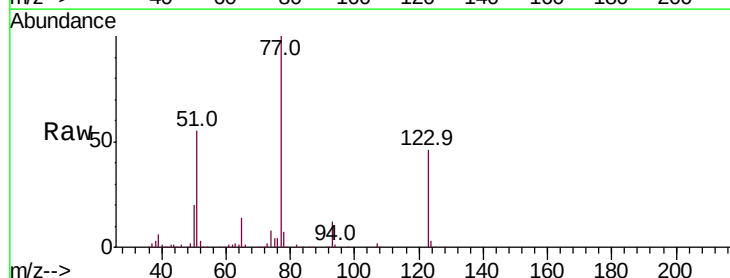
Instrument :
 BNA_G
 ClientSampleId :

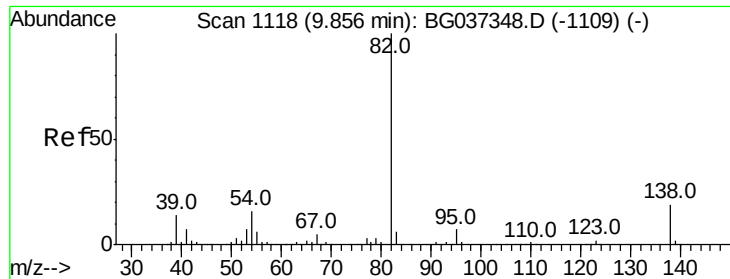
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	54.0	45.3	67.9



#24
 Nitrobenzene
 Concen: 46.865 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	33.6	50.4
65	13.8	11.3	16.9





#25

Isophorone

Concen: 44.139 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

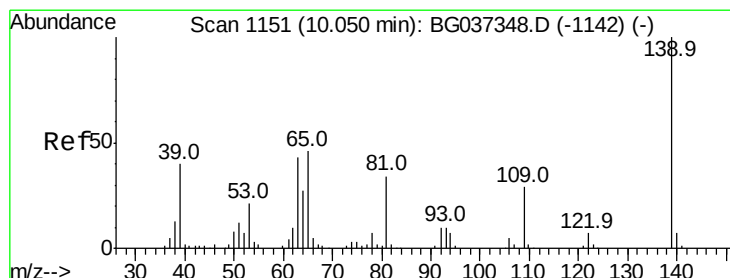
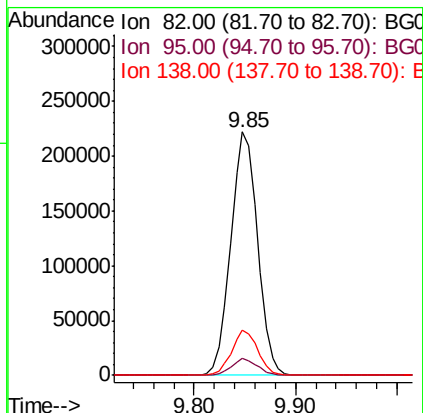
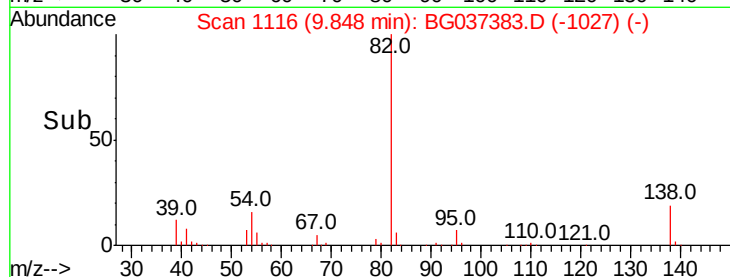
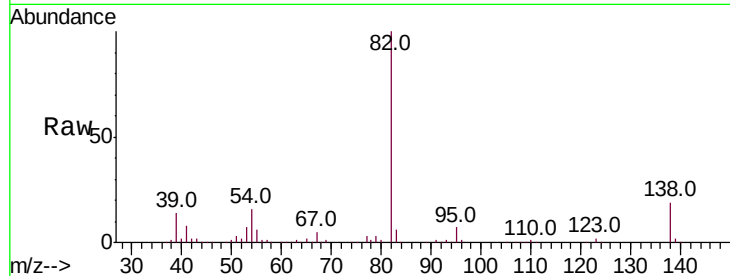
Tot Ion: 82 Resp: 407775

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.6 13.3 19.9



#26

2-Nitrophenol

Concen: 54.033 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

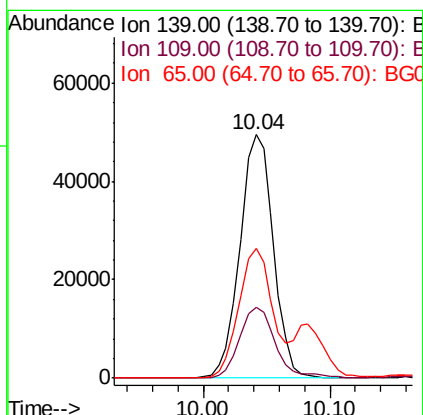
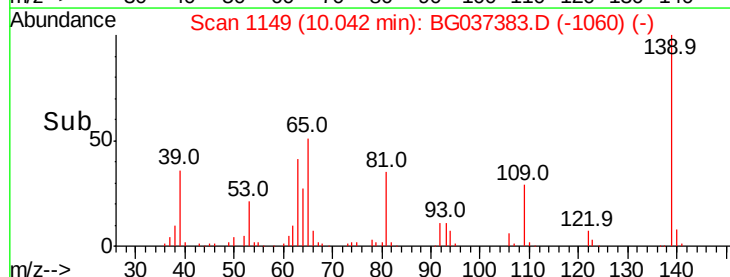
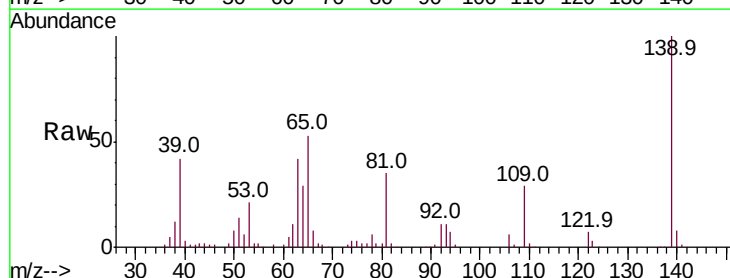
Tgt Ion: 139 Resp: 90355

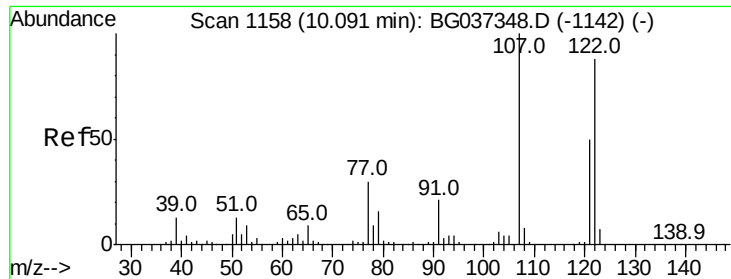
Ion Ratio Lower Upper

139 100

109 29.3 23.3 34.9

65 53.3 39.8 59.8

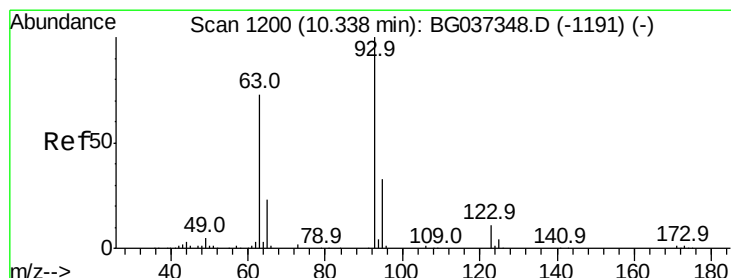
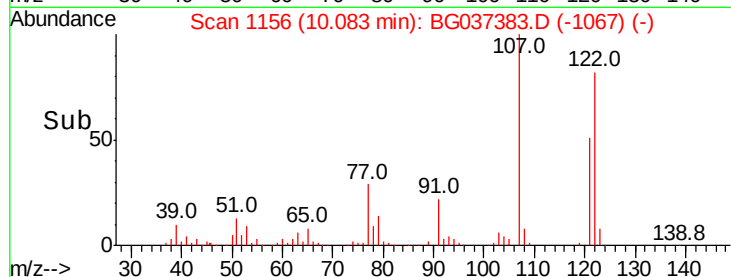
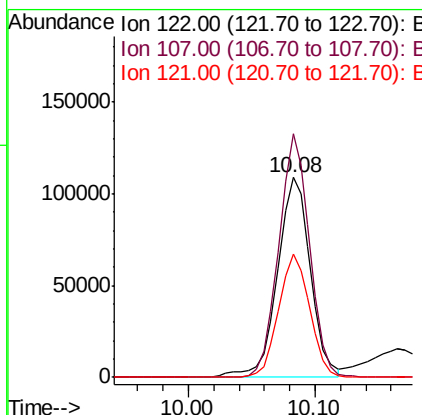
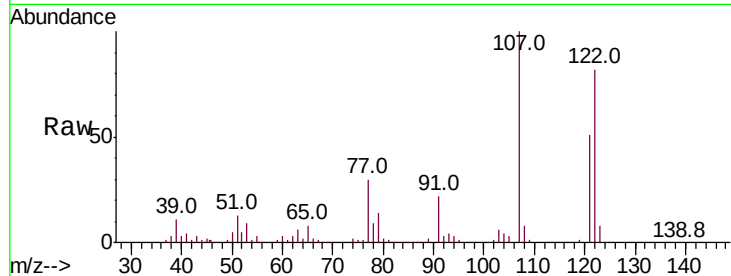




#27
2,4-Dimethylphenol
Concen: 50.901 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

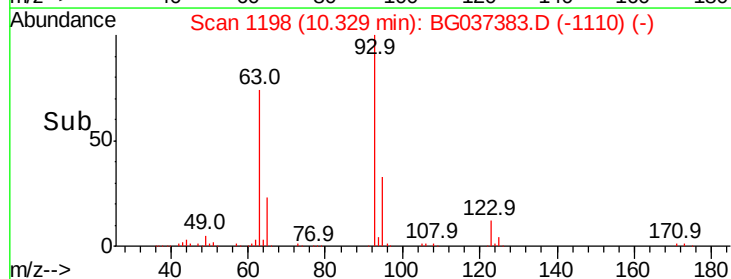
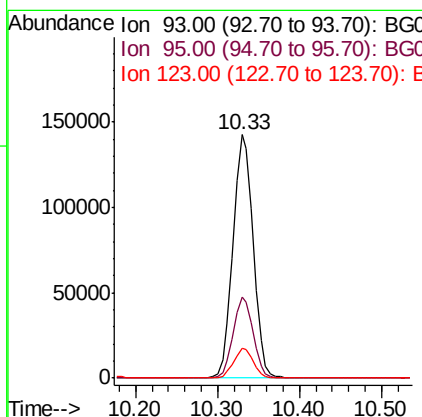
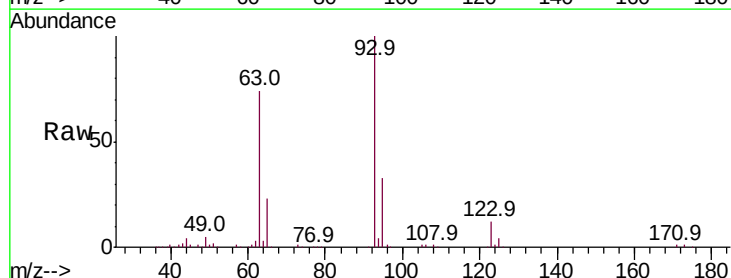
Instrument :
BNA_G
ClientSampleId :

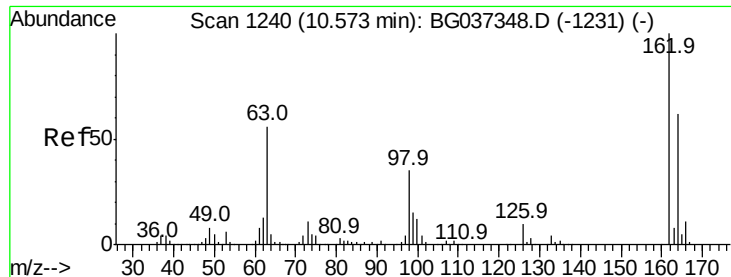
Tot Ion:122 Resp: 196553
Ion Ratio Lower Upper
122 100
107 121.9 94.2 141.2
121 61.6 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.496 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion: 93 Resp: 245623
Ion Ratio Lower Upper
93 100
95 33.1 24.6 37.0
123 12.2 9.1 13.7

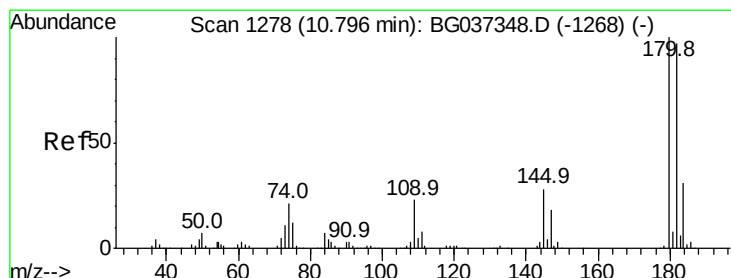
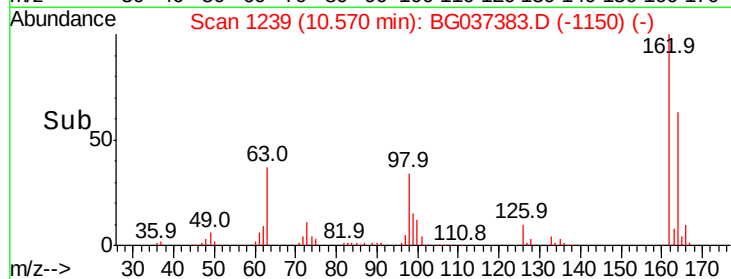
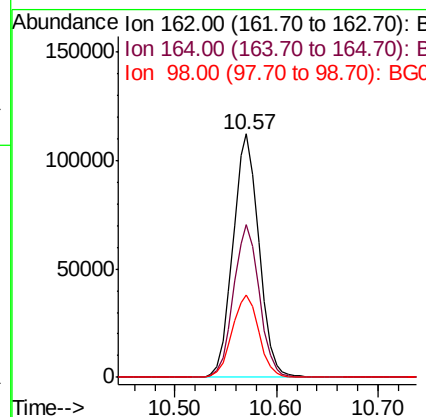
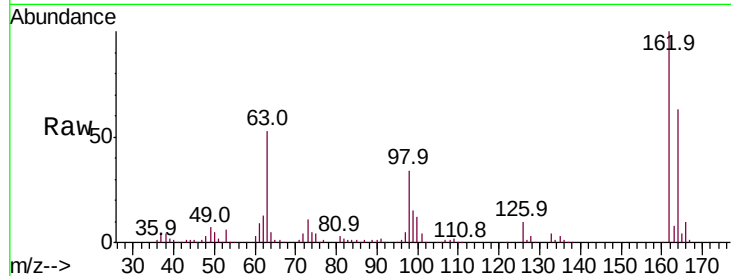




#29
 2,4-Dichlorophenol
 Concen: 50.846 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

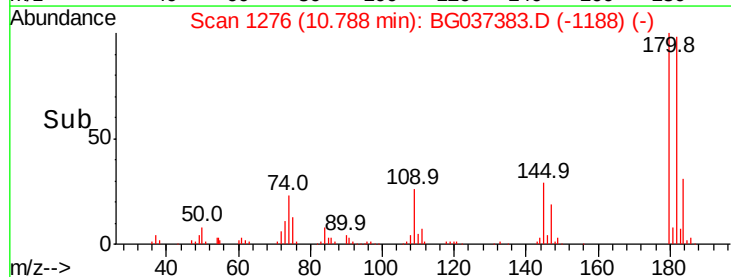
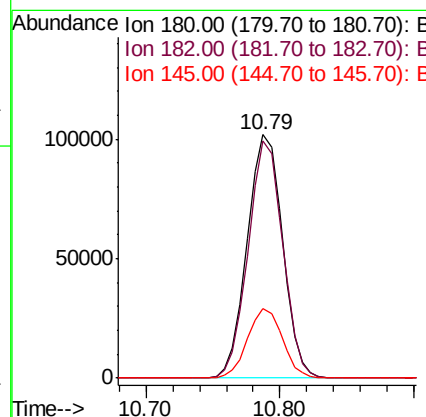
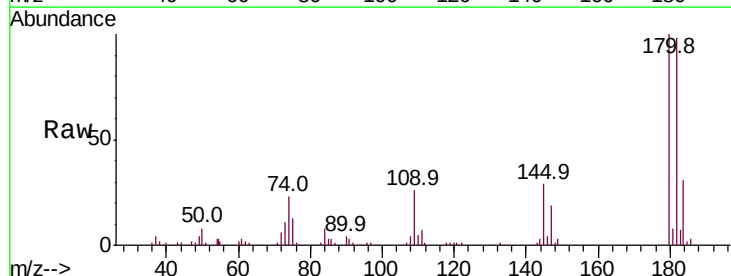
Instrument :
 BNA_G
 ClientSampled :

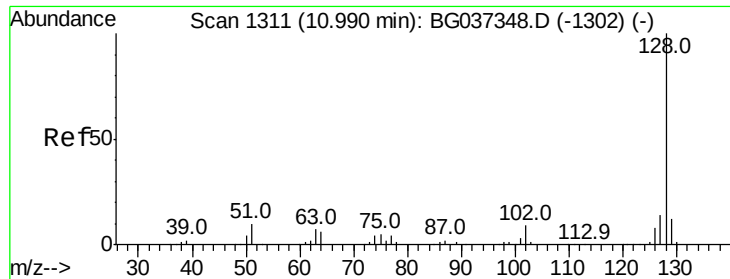
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.2	83.2
98	34.0	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.069 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.7	116.5
145	28.6	23.3	34.9

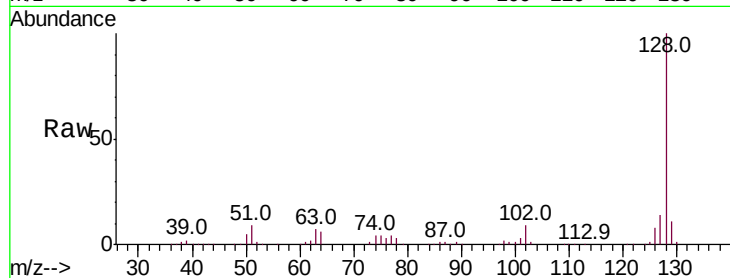




#31
Naphthalene
Concen: 43.503 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.6	11.1	16.7

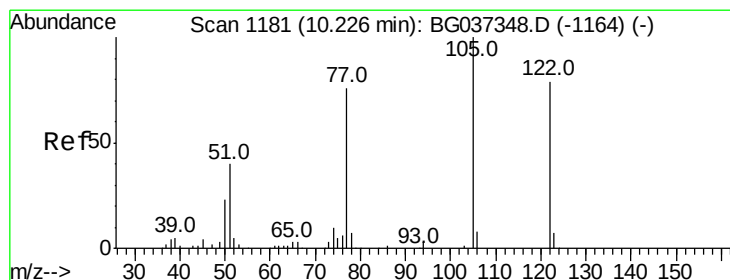
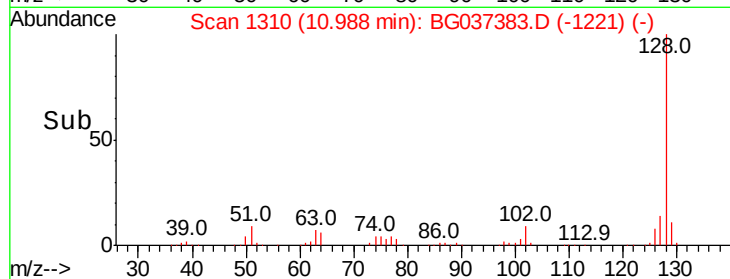
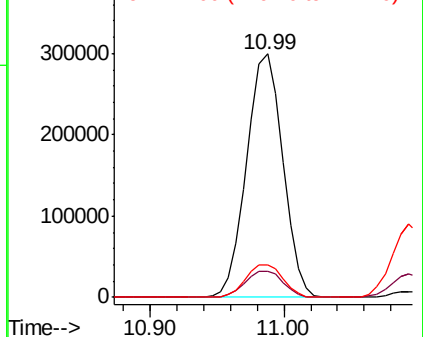


Abundance

Ion 128.00 (127.70 to 128.70): E

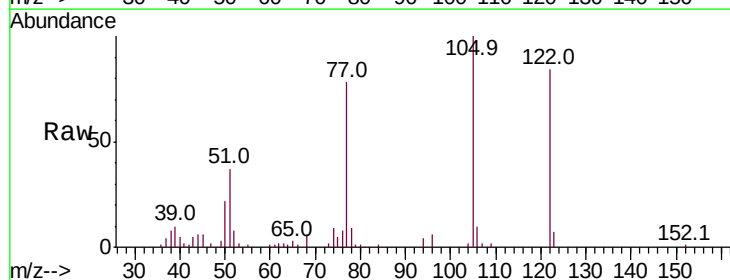
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.633 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	106.7	146.7
77	92.8	72.2	112.2

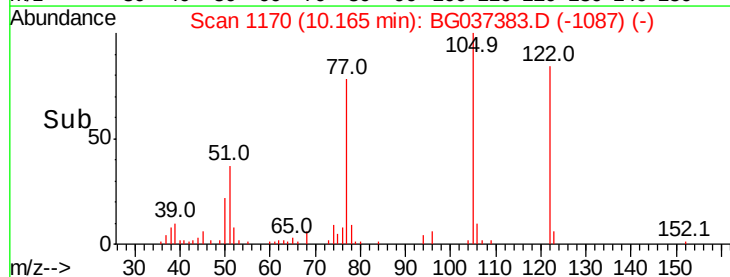
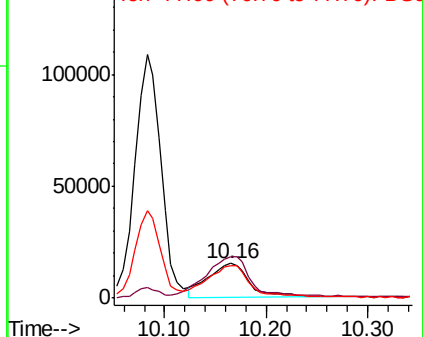


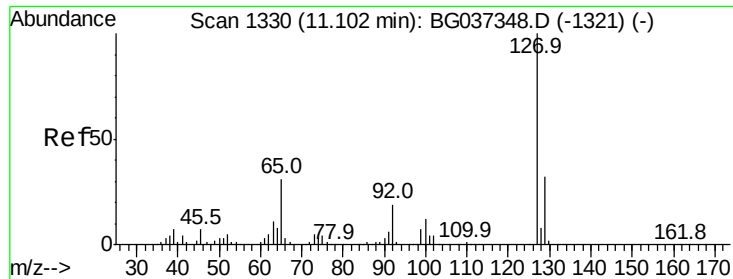
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

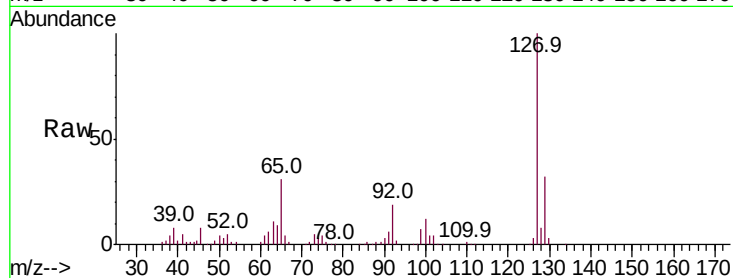




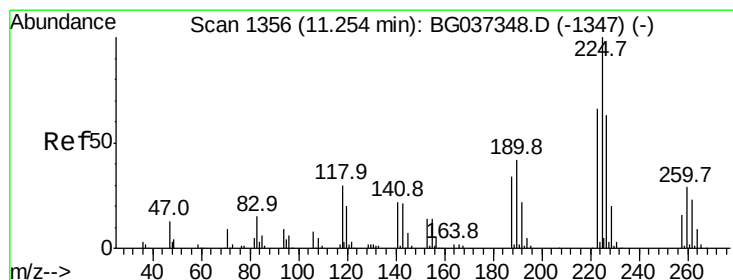
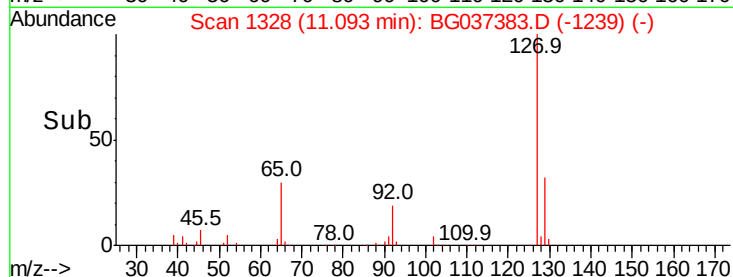
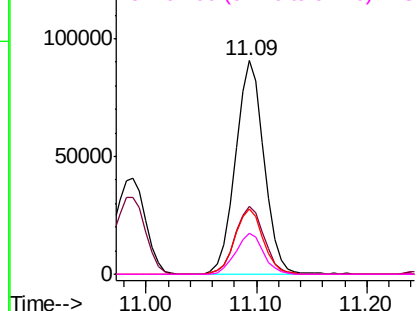
#33
4-Chloroaniline
Concen: 27.213 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	165065
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.1	40.7
65	30.7	26.6	39.8
92	18.9	16.4	24.6

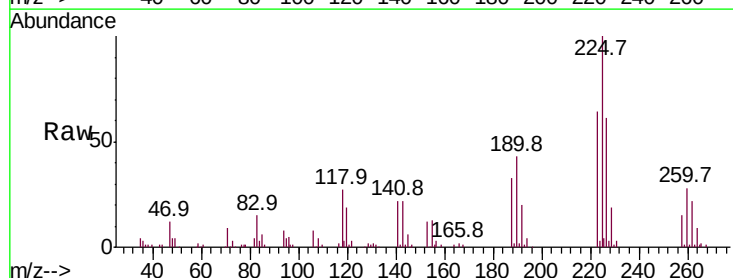


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

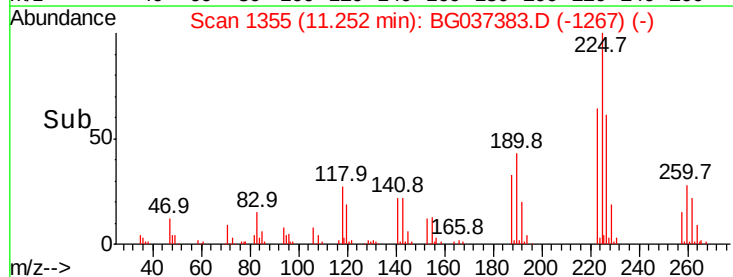
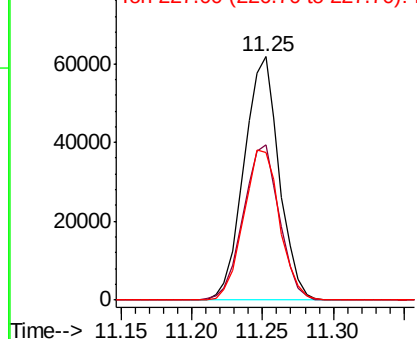


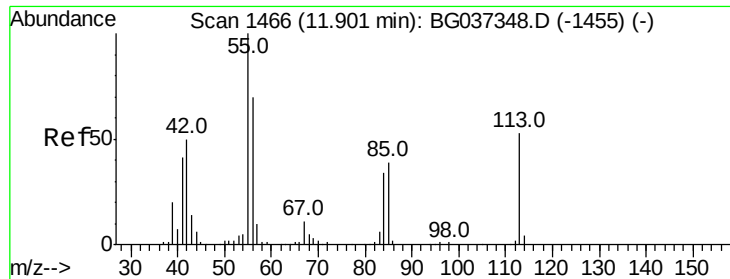
#34
Hexachlorobutadiene
Concen: 36.235 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion:	225	Resp:	107330
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.2	72.4
227	61.2	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: 45.810 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampled :

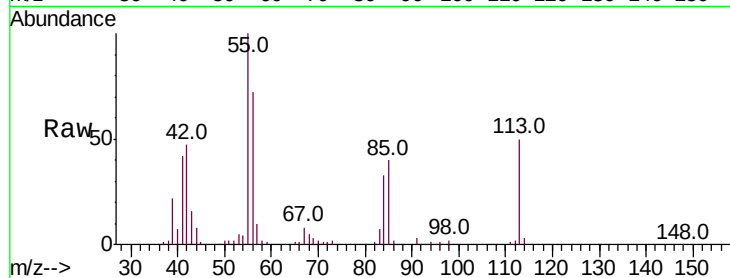
Tot Ion:113 Resp: 73203

Ion Ratio Lower Upper

113 100

55 200.2 176.6 216.6

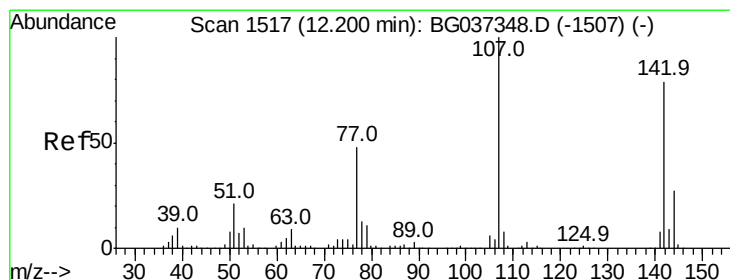
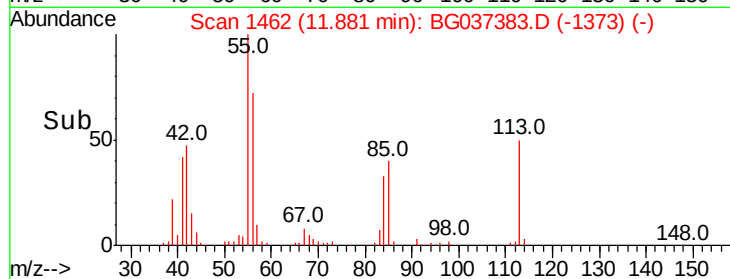
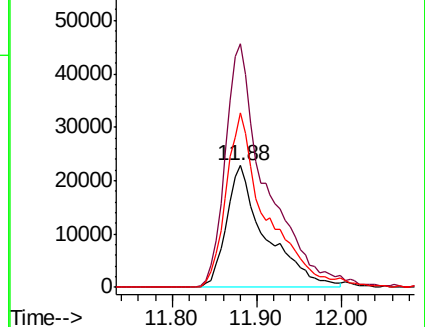
56 143.3 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.095 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

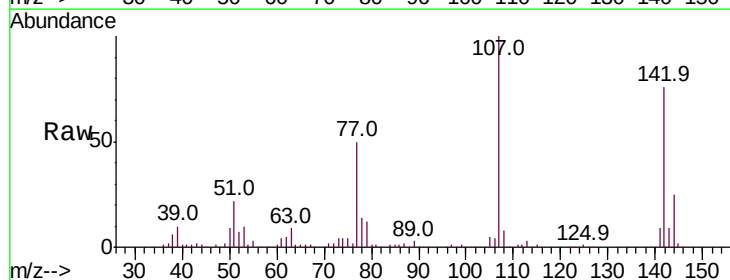
Tgt Ion:107 Resp: 218015

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

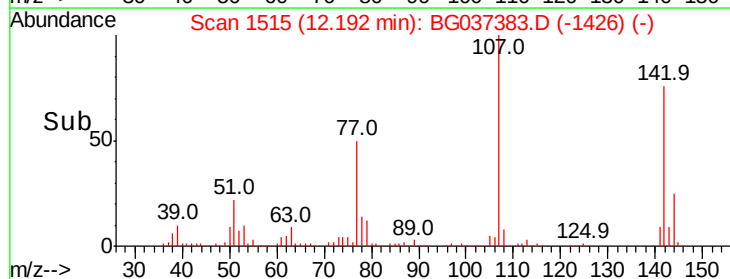
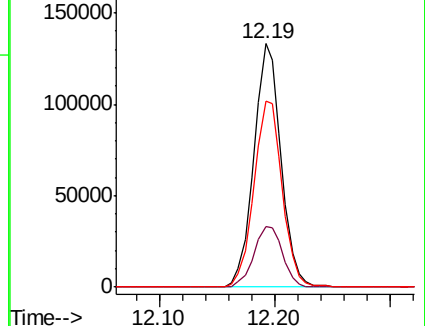
142 76.4 64.4 96.6

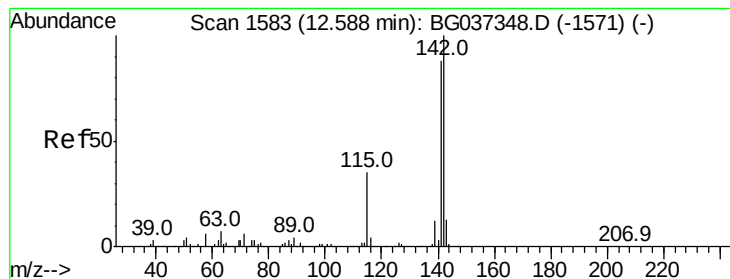


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.428 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

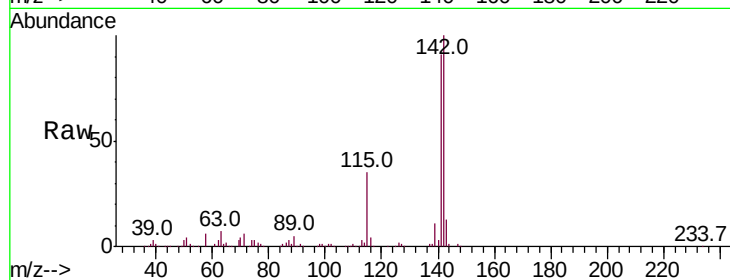
Tot Ion:142 Resp: 428674

Ion Ratio Lower Upper

142 100

141 90.9 71.9 107.9

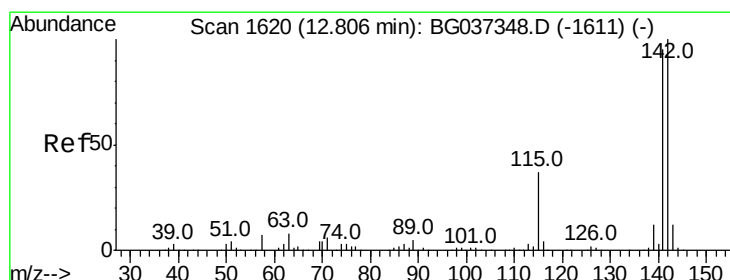
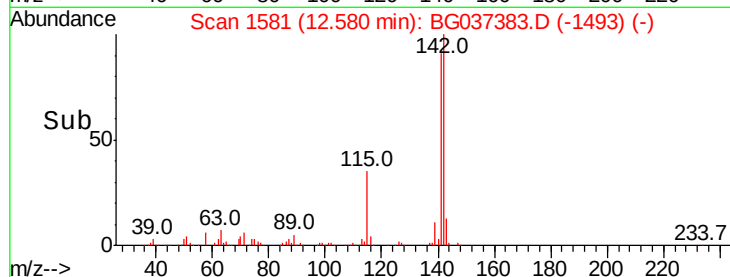
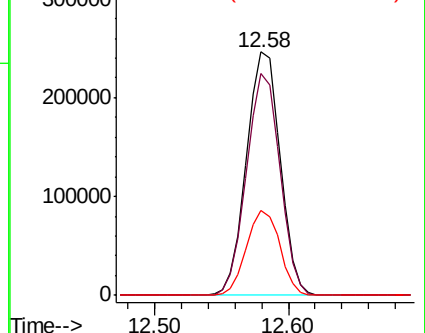
115 34.7 27.8 41.8



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: 44.654 ng

RT: 12.80 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

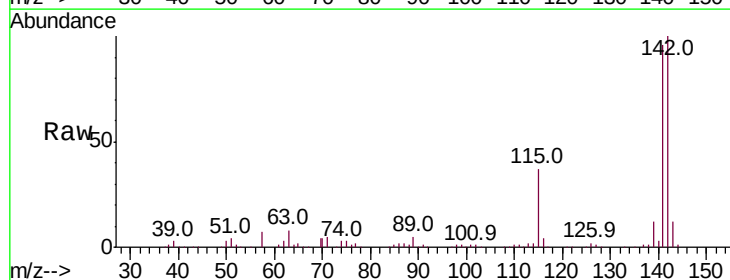
Tgt Ion:142 Resp: 411537

Ion Ratio Lower Upper

142 100

141 95.9 75.2 112.8

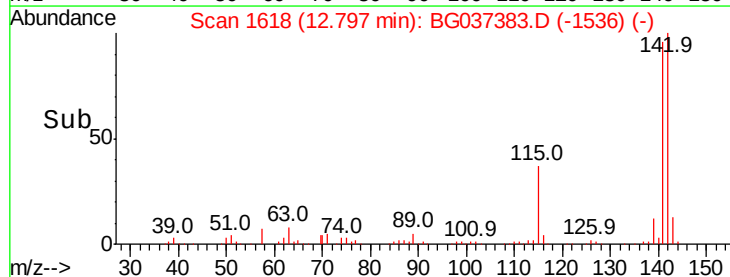
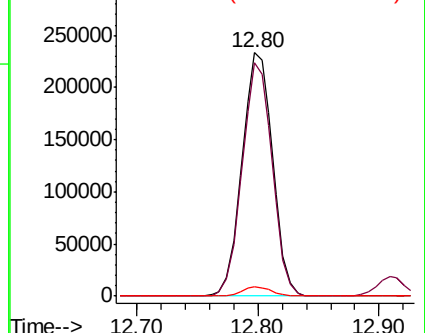
116 3.9 3.3 4.9

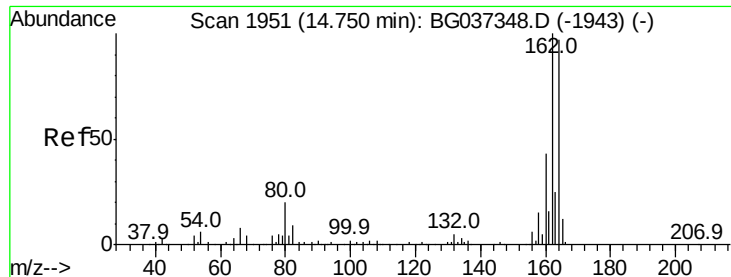


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

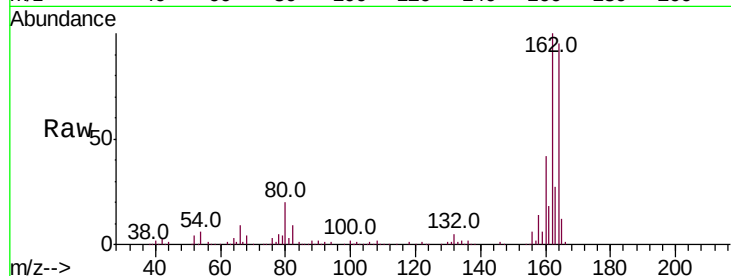
Tot Ion:164 Resp: 179162

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

160 44.6 36.3 54.5

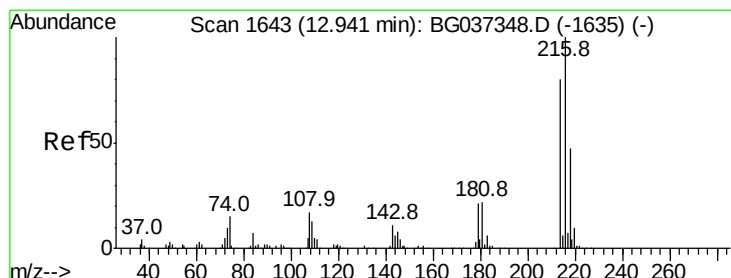
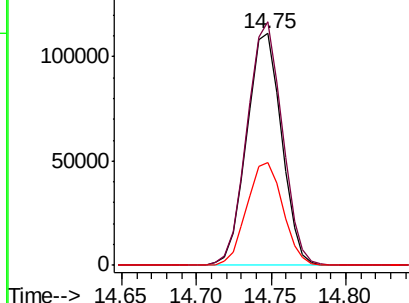
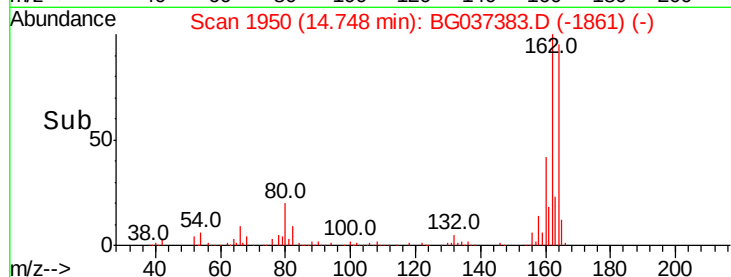


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.075 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:216 Resp: 215107

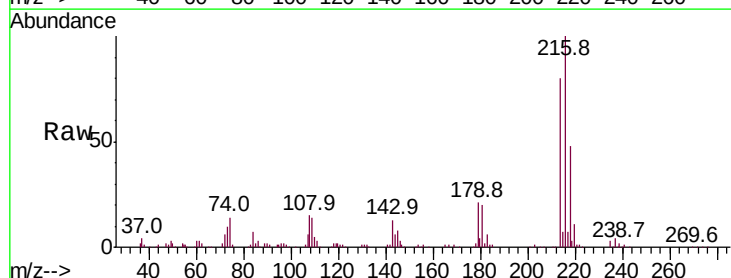
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 21.1 17.4 26.0

108 19.1 13.9 20.9



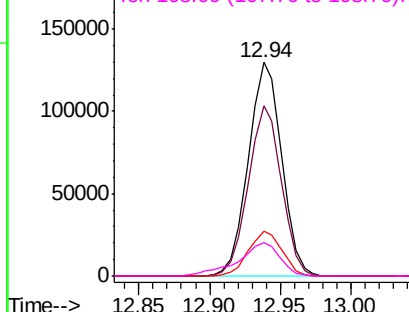
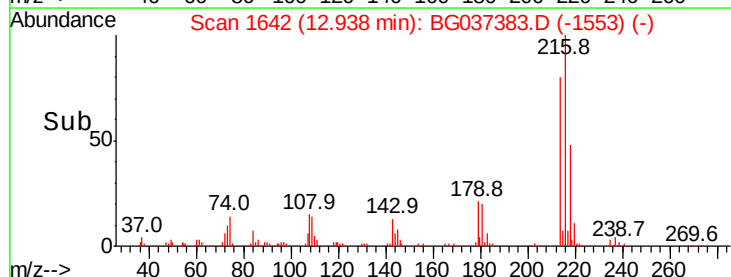
Abundance

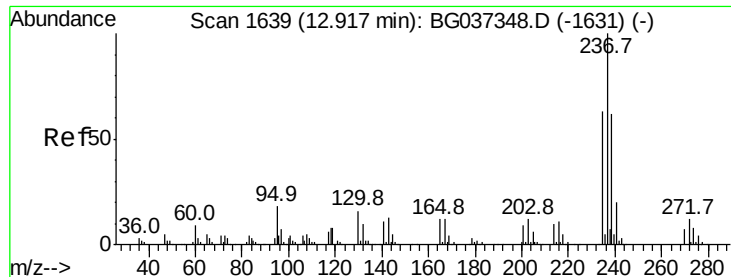
Ion 216.00 (215.70 to 216.70): E

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: 106.096 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

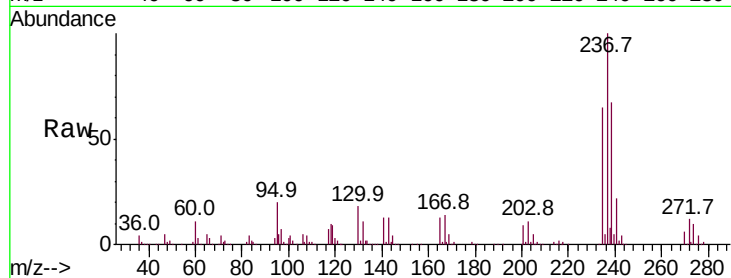
Tot Ion:237 Resp: 253770

Ion Ratio Lower Upper

237 100

235 65.0 42.5 82.5

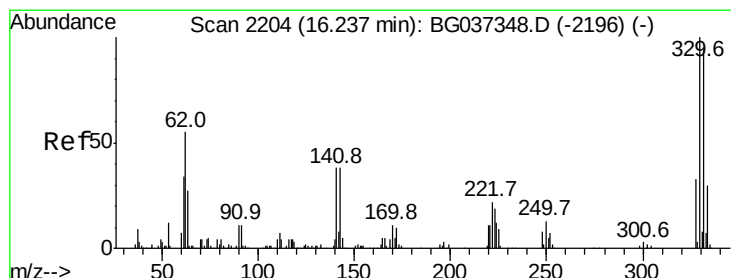
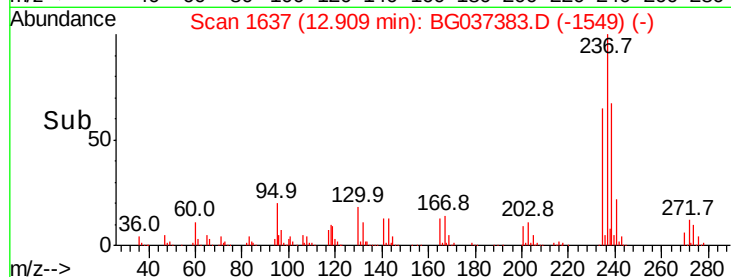
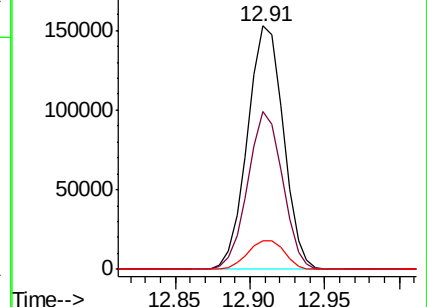
272 11.8 0.0 31.6



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: 146.750 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

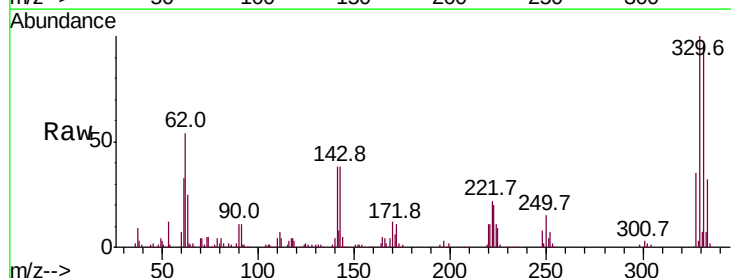
Tgt Ion:330 Resp: 257851

Ion Ratio Lower Upper

330 100

332 98.0 78.4 117.6

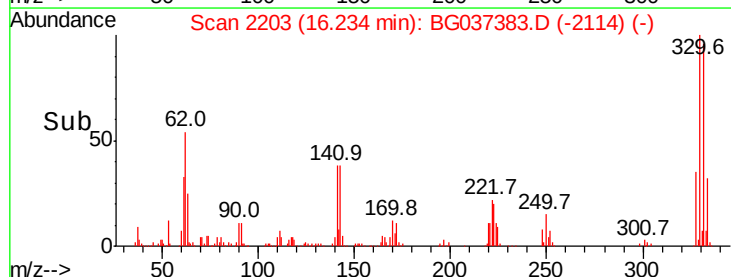
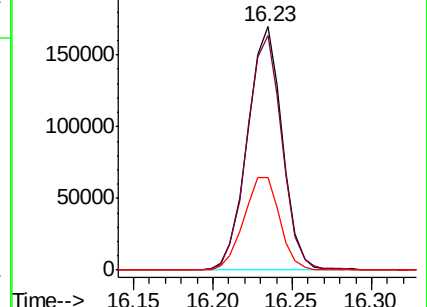
141 39.8 32.2 48.2

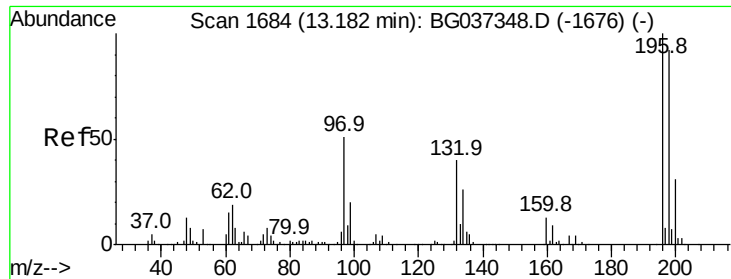


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

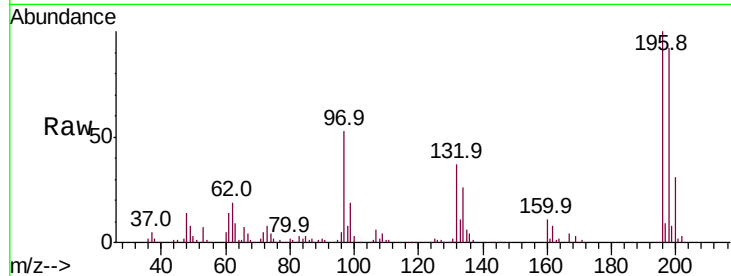




#43
 2,4,6-Trichlorophenol
 Concen: 48.685 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	76.4	114.6
200	30.5	24.9	37.3

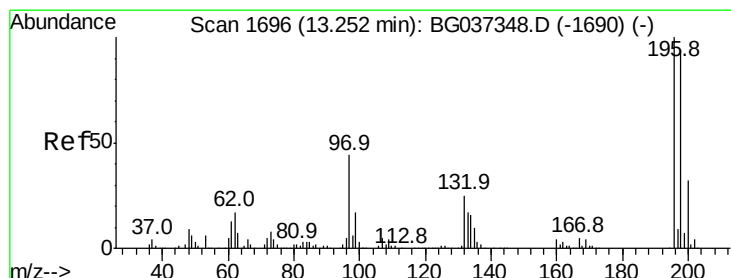
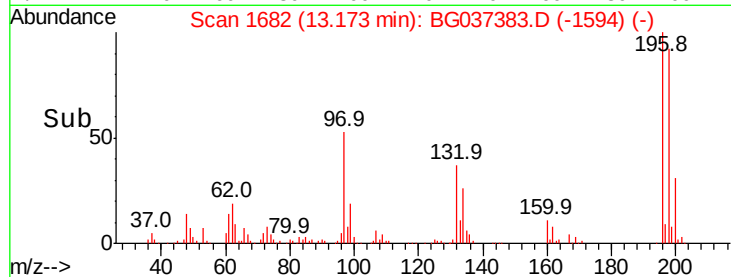
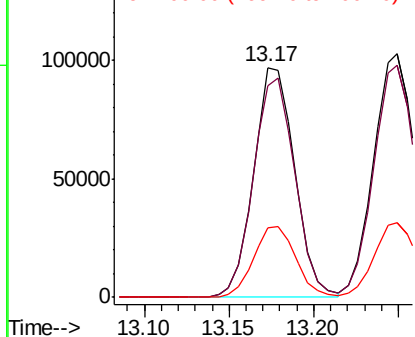


Abundance

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: 49.557 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.2	111.2
97	46.4	34.1	51.1
132	26.8	20.2	30.4

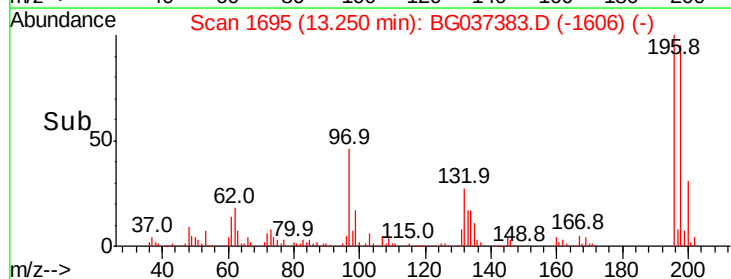
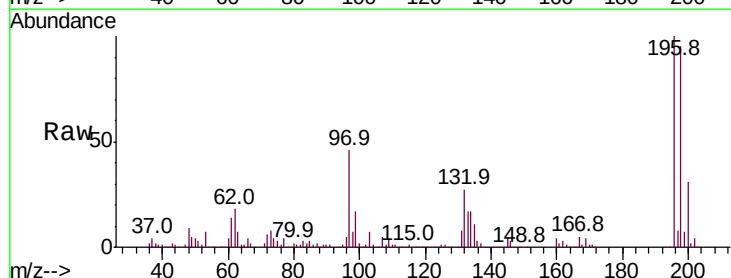
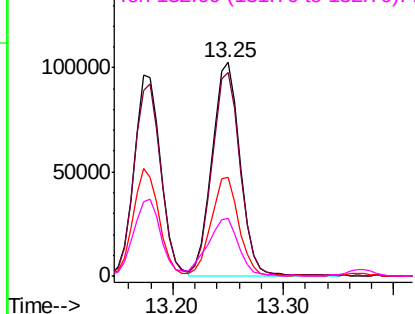
Abundance

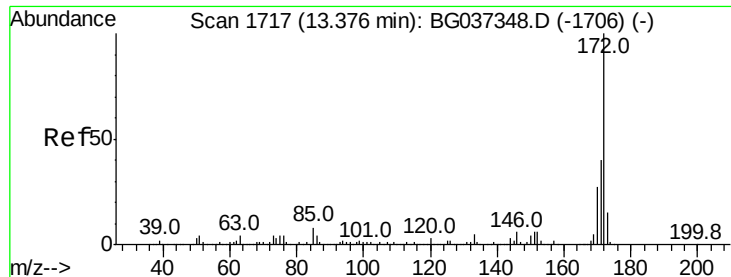
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

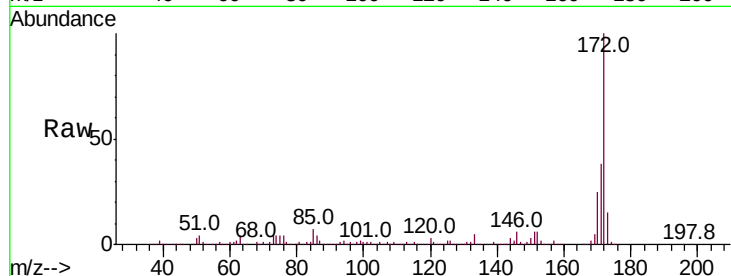




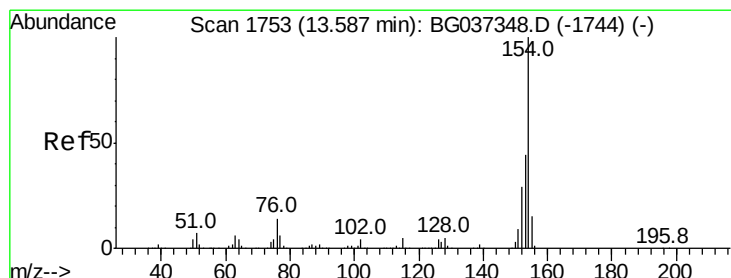
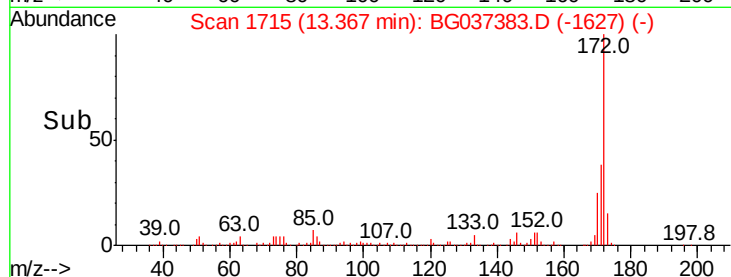
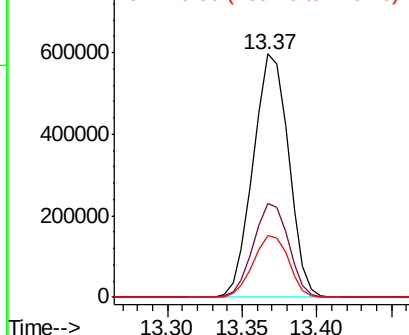
#45
2-Fluorobiphenyl
Concen: 82.286 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.2	20.2	30.2

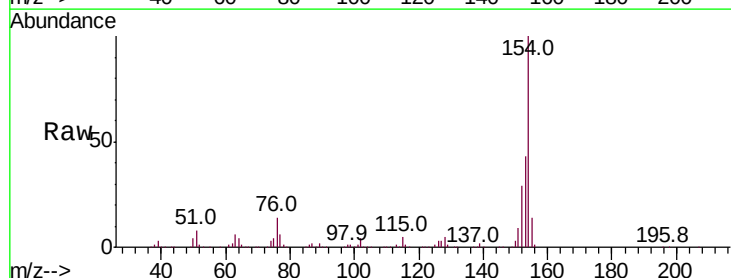


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

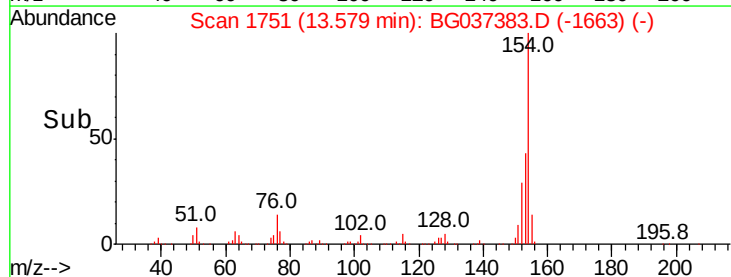
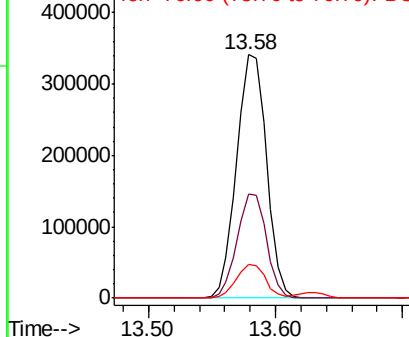


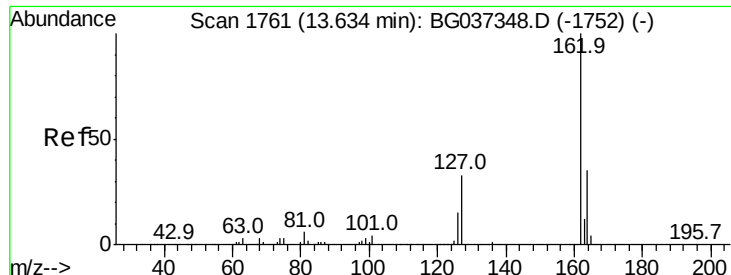
#46
1,1'-Biphenyl
Concen: 37.866 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	13.7	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

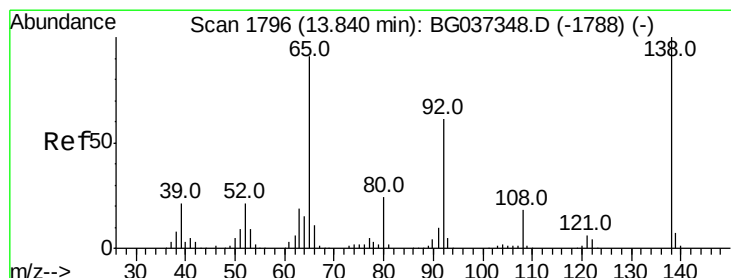
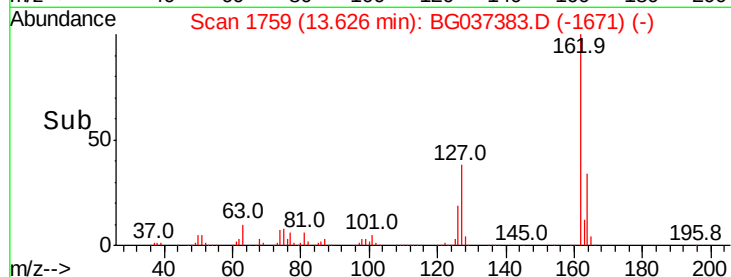
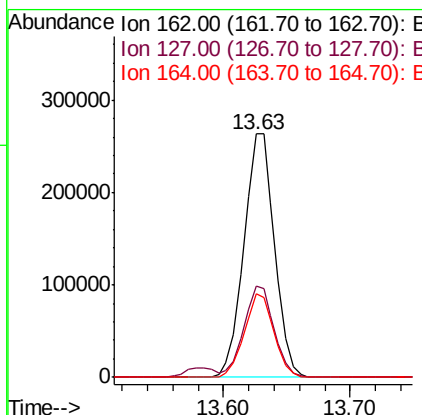
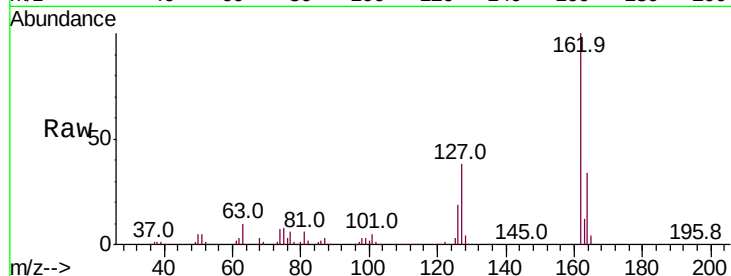




#47
2-Chloronaphthalene
Concen: 39.572 ng
RT: 13.63 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

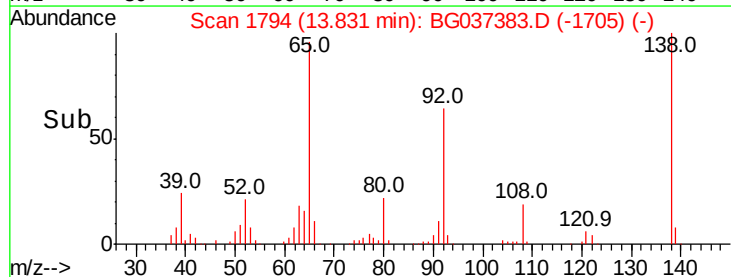
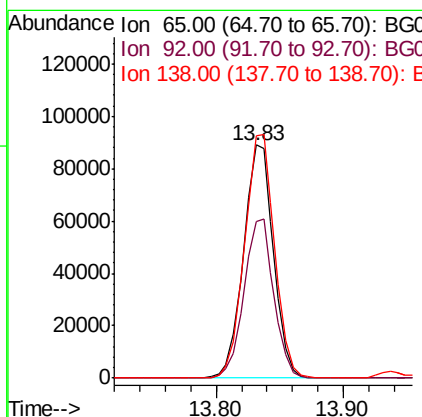
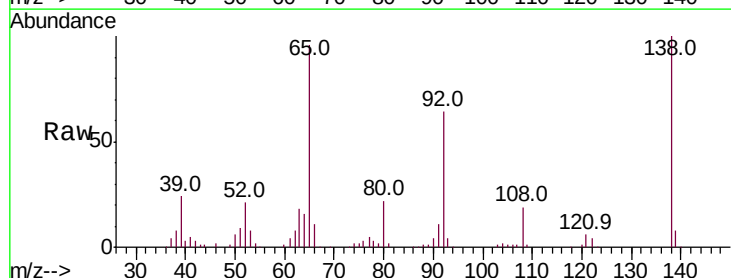
Instrument :
BNA_G
ClientSampleId :

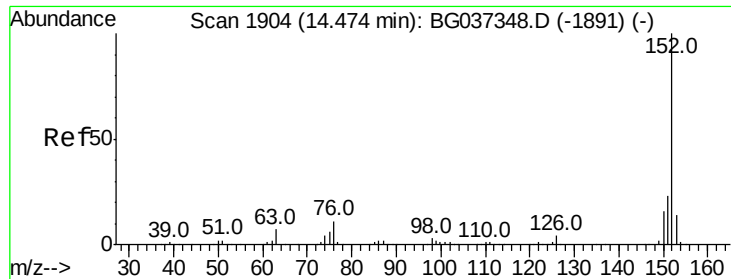
Tot Ion:162 Resp: 440529
Ion Ratio Lower Upper
162 100
127 37.5 30.5 45.7
164 34.3 26.4 39.6



#48
2-Nitroaniline
Concen: 48.302 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion: 65 Resp: 145815
Ion Ratio Lower Upper
65 100
92 67.1 53.2 79.8
138 104.3 79.3 118.9





#49

Acenaphthylene

Concen: 43.056 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

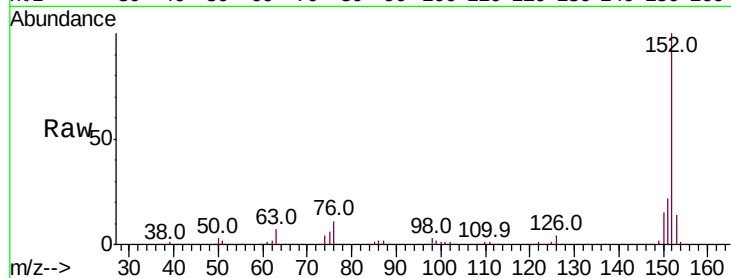
Tot Ion:152 Resp: 733234

Ion Ratio Lower Upper

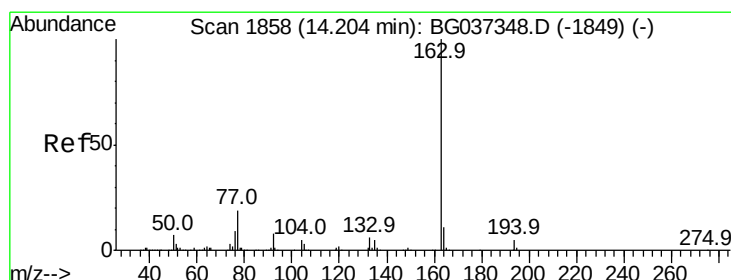
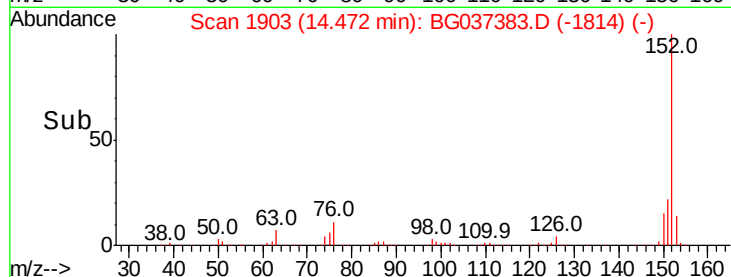
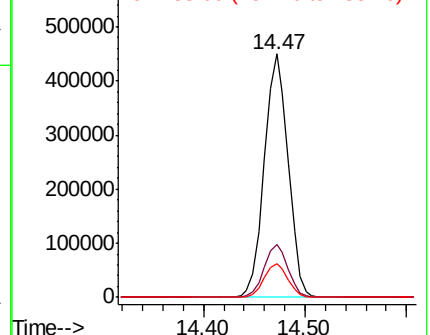
152 100

151 21.8 17.1 25.7

153 13.6 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: 41.848 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

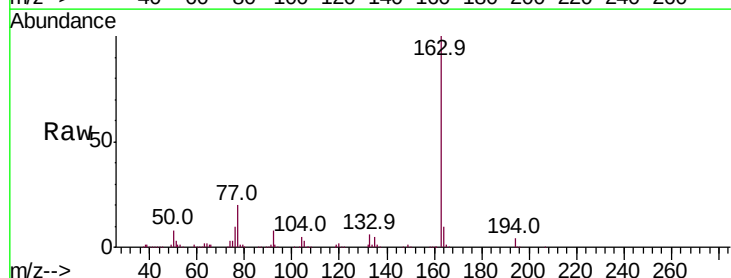
Tgt Ion:163 Resp: 589213

Ion Ratio Lower Upper

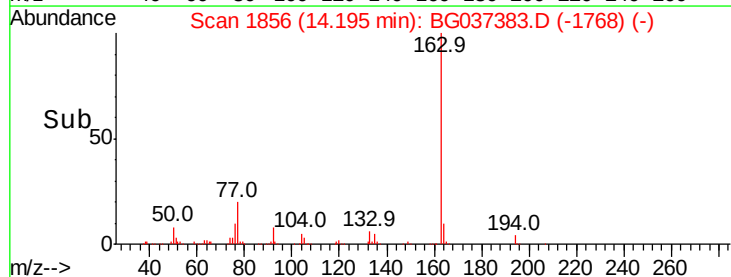
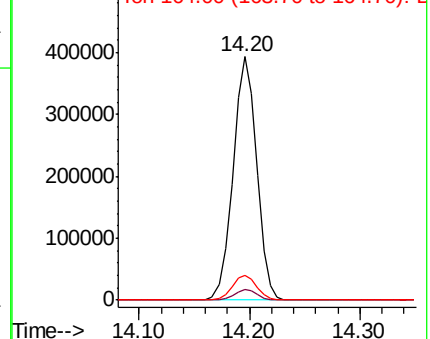
163 100

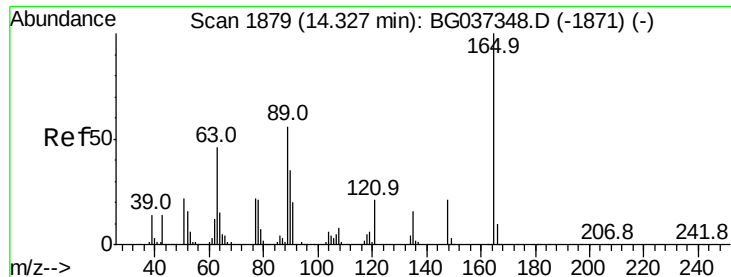
194 4.4 3.5 5.3

164 10.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

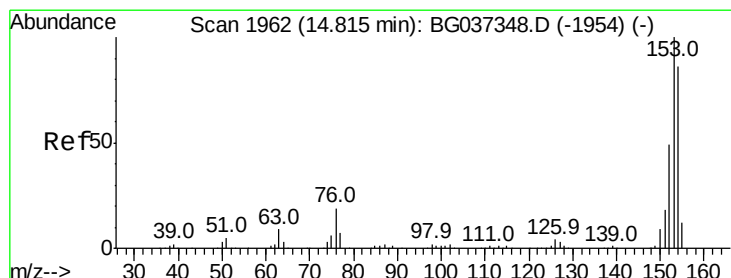
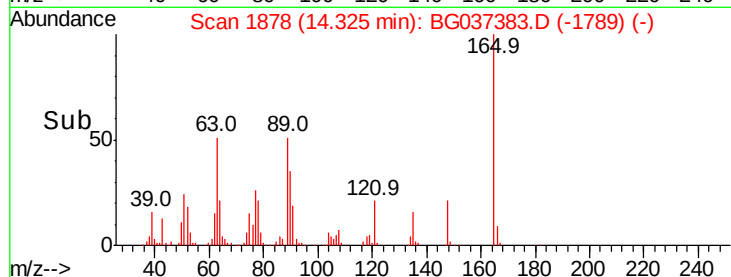
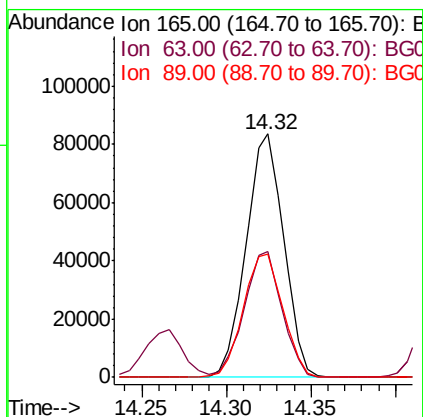
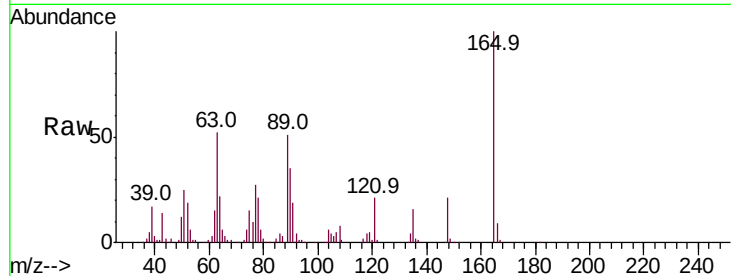




#51
2,6-Dinitrotoluene
Concen: 47.419 ng
RT: 14.32 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

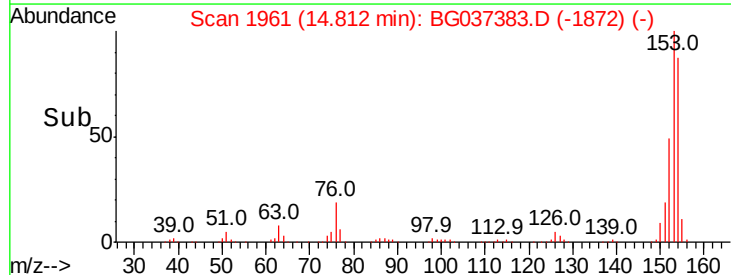
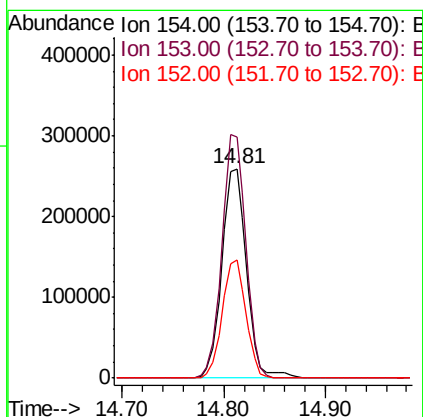
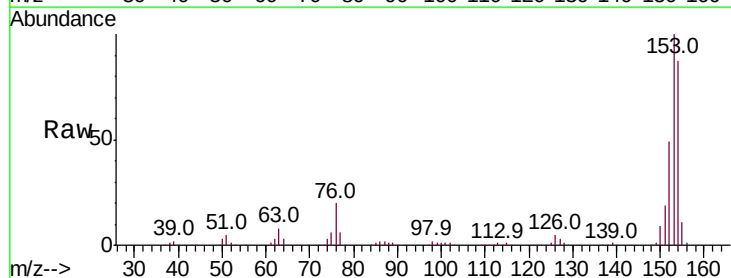
Instrument :
BNA_G
ClientSampleId :

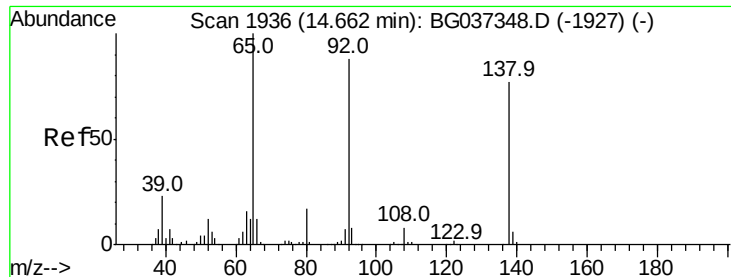
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	43.4	65.2
89	50.8	45.8	68.6



#52
Acenaphthene
Concen: 41.519 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	93.4	140.0
152	56.6	44.7	67.1

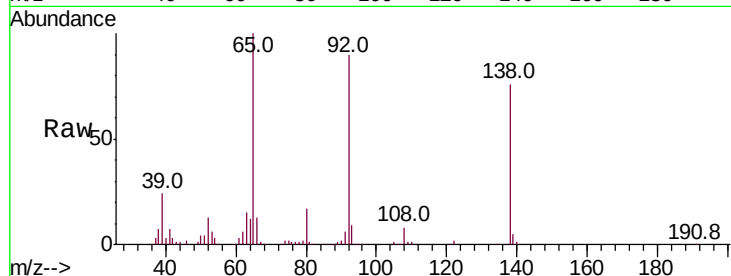




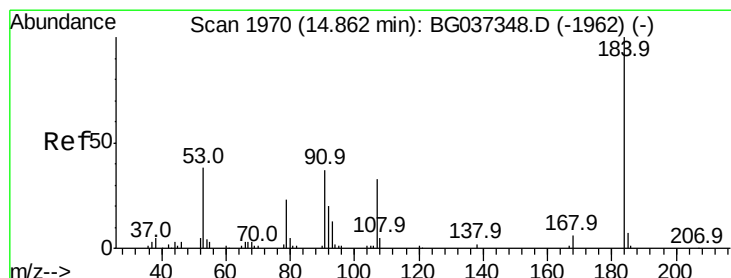
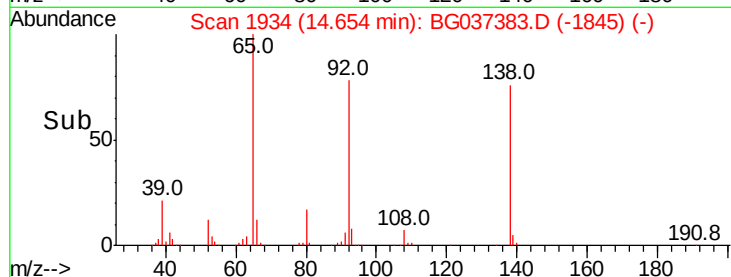
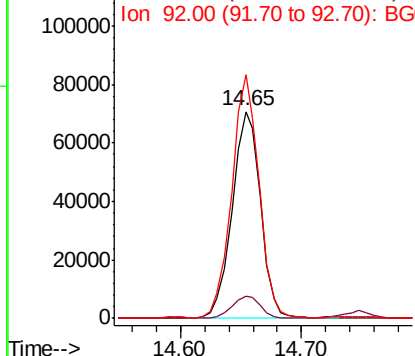
#53
 3-Nitroaniline
 Concen: 39.218 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 115532
 Ion Ratio Lower Upper
 138 100
 108 10.5 11.0 16.6#
 92 117.6 95.2 142.8

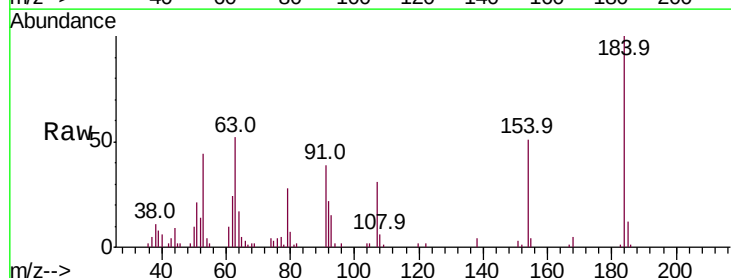


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BG

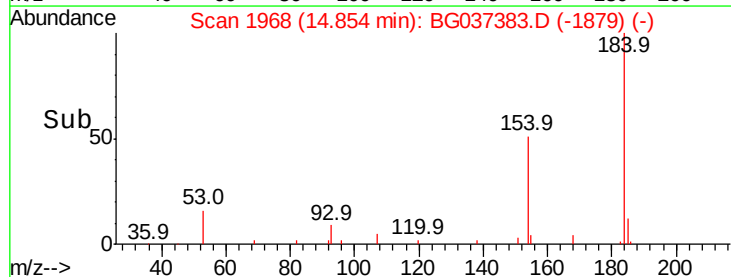
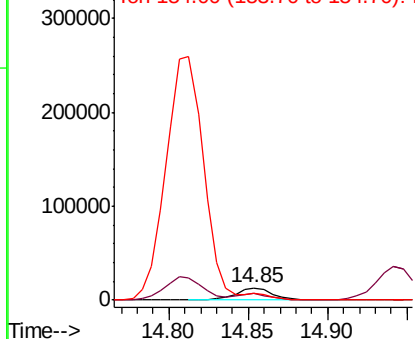


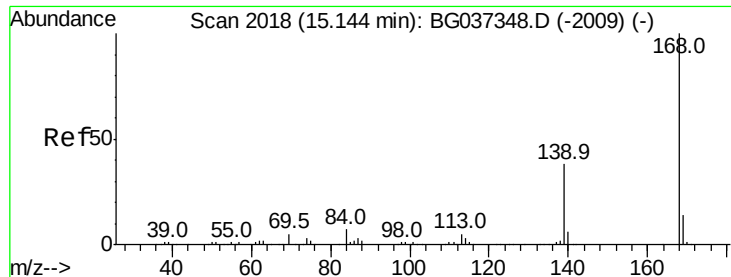
#54
 2,4-Dinitrophenol
 Concen: 30.196 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion:184 Resp: 21274
 Ion Ratio Lower Upper
 184 100
 63 52.1 42.6 63.8
 154 50.8 41.8 62.6



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

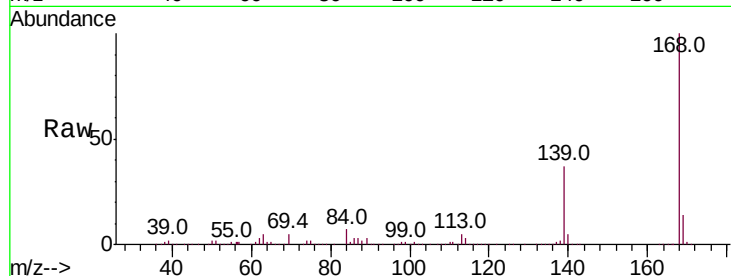




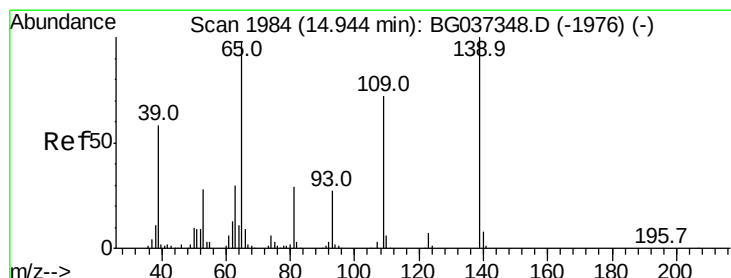
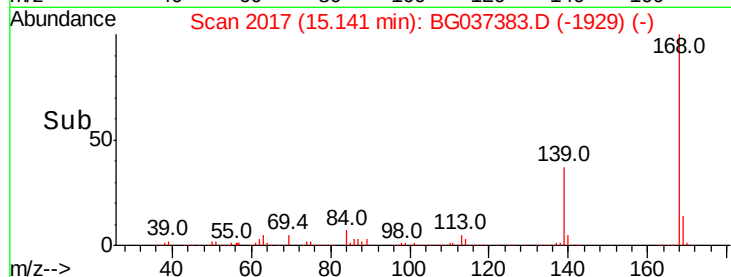
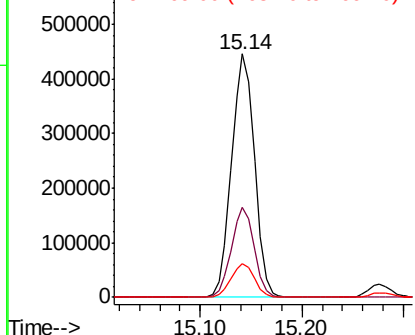
#55
Dibenzofuran
Concen: 40.900 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 698104
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.0
169 14.1 11.0 16.6

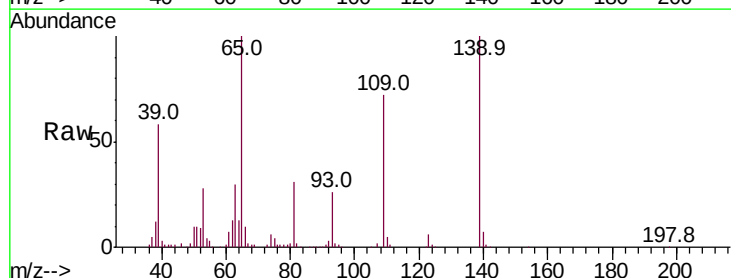


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

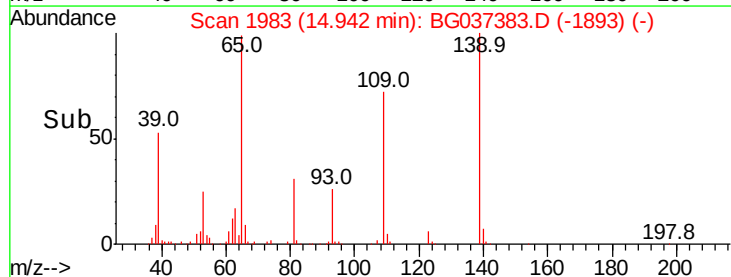
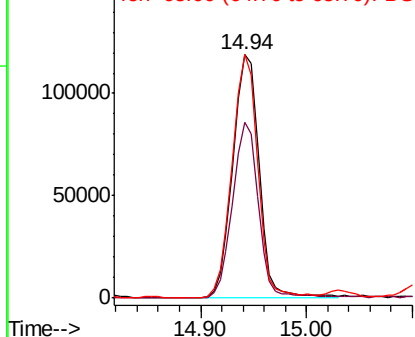


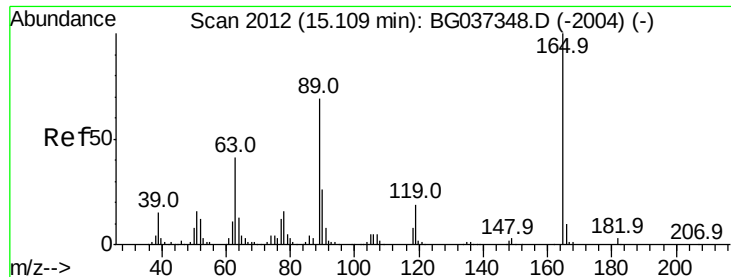
#56
4-Nitrophenol
Concen: 89.721 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion:139 Resp: 206026
Ion Ratio Lower Upper
139 100
109 72.3 49.5 89.5
65 100.0 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): BG

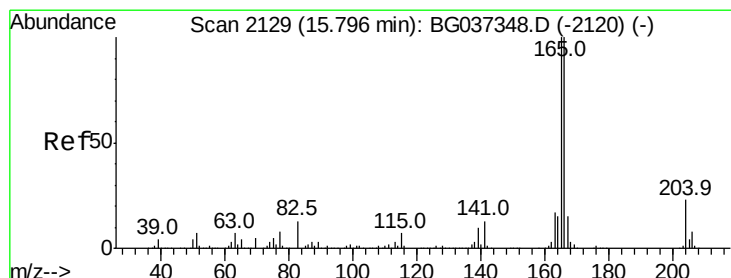
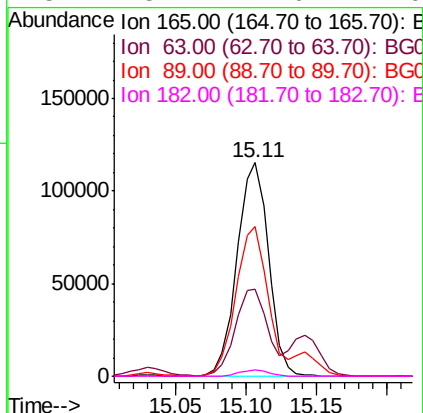
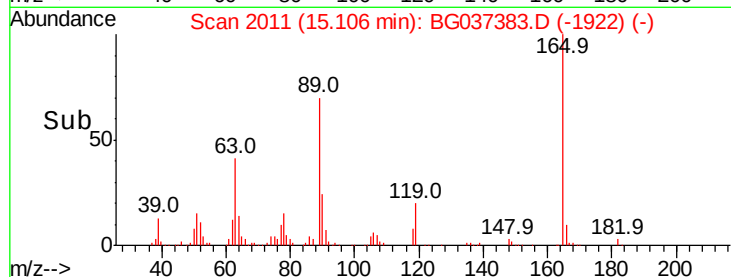
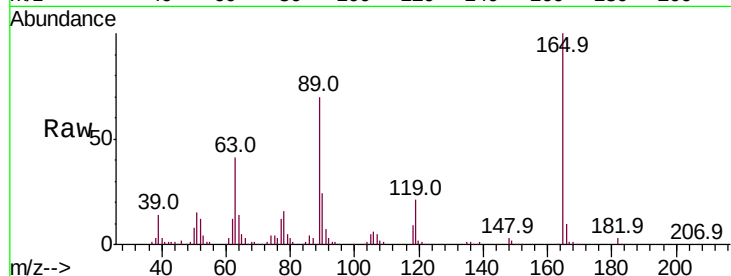




#57
 2,4-Dinitrotoluene
 Concen: 51.516 ng
 RT: 15.11 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

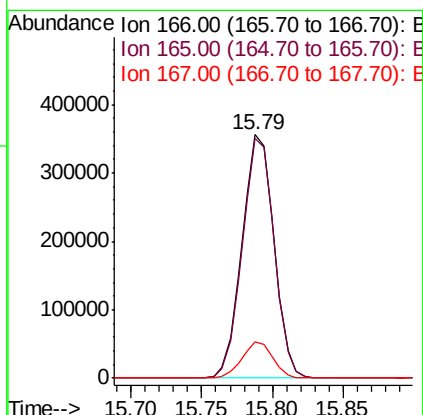
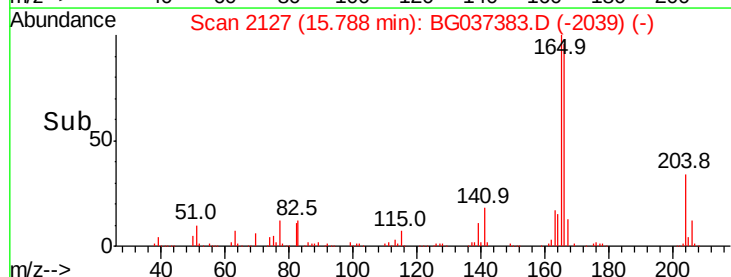
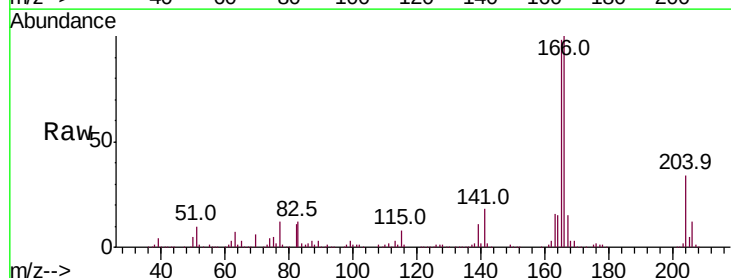
Instrument :
 BNA_G
 ClientSampleId :

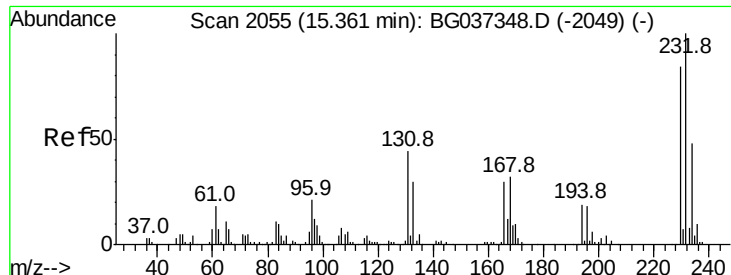
Tot Ion:165 Resp: 179842
 Ion Ratio Lower Upper
 165 100
 63 40.9 33.4 50.0
 89 70.0 57.2 85.8
 182 3.2 2.6 4.0



#58
 Fluorene
 Concen: 43.740 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion:166 Resp: 564640
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.0 118.6
 167 14.7 11.3 16.9

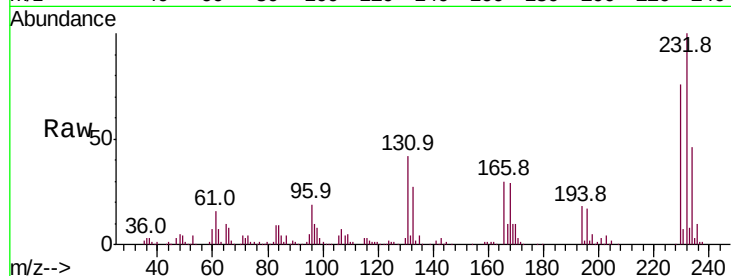




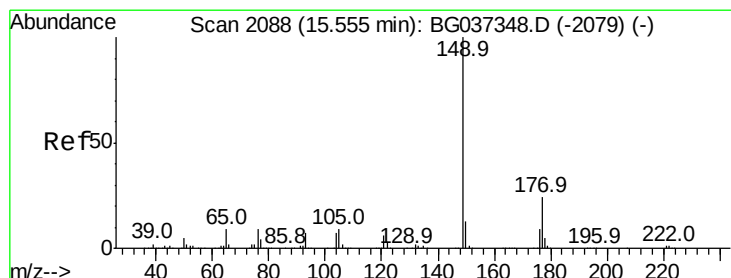
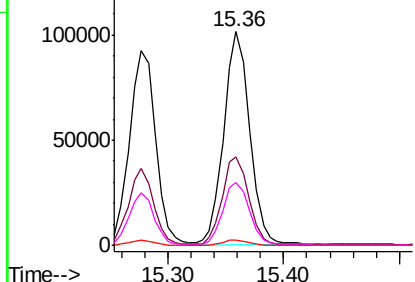
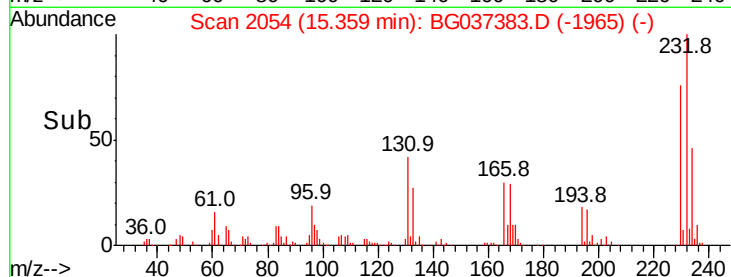
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.638 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	159152
Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.7	50.5
130	2.5	2.1	3.1
166	29.5	24.6	36.8

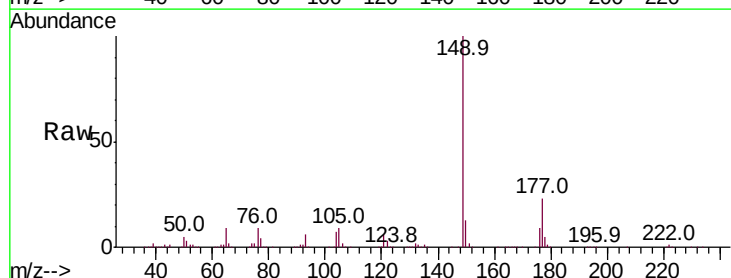


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

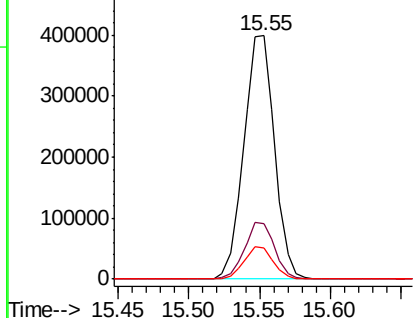
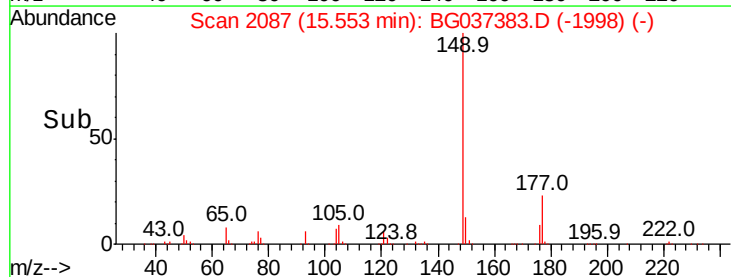


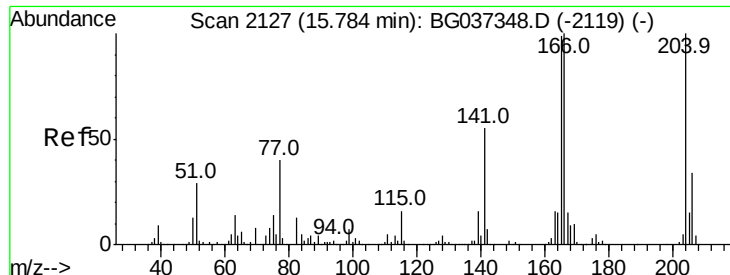
#60
 Diethylphthalate
 Concen: 41.521 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion:	149	Resp:	605864
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	13.0	10.0	15.0



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

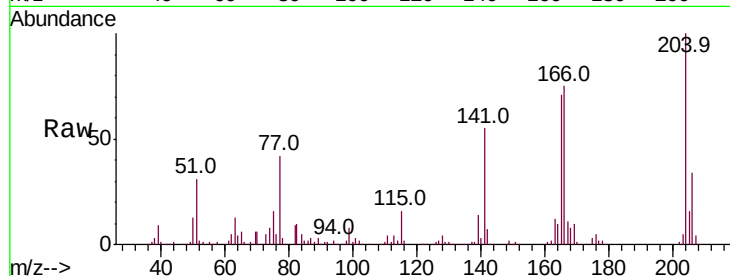




#61
4-Chlorophenyl-phenylether
Concen: 39.038 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	55.3	45.4	68.2

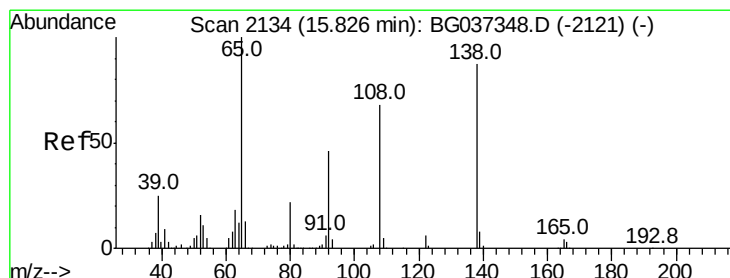
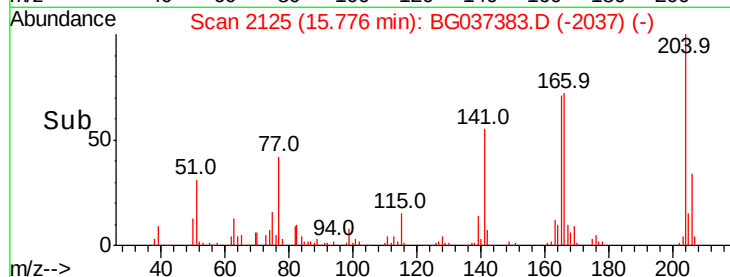
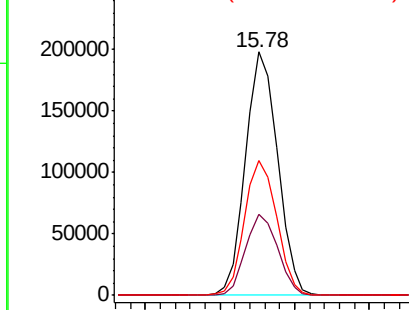


Abundance

Ion 204.00 (203.70 to 204.70): E

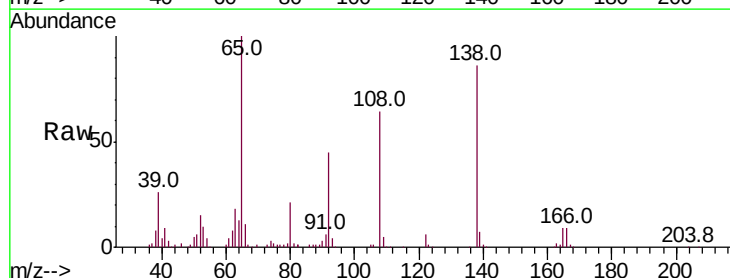
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.418 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	36.4	76.4
108	73.8	60.1	100.1

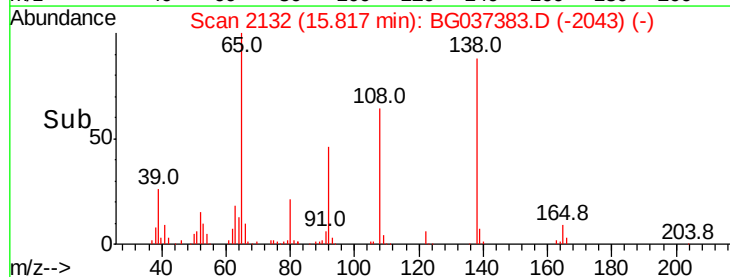
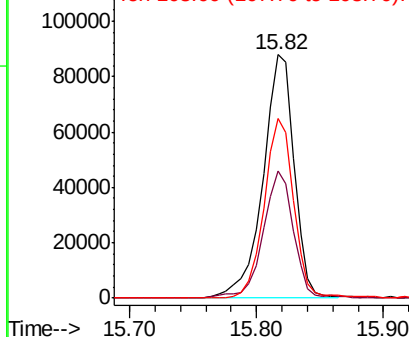


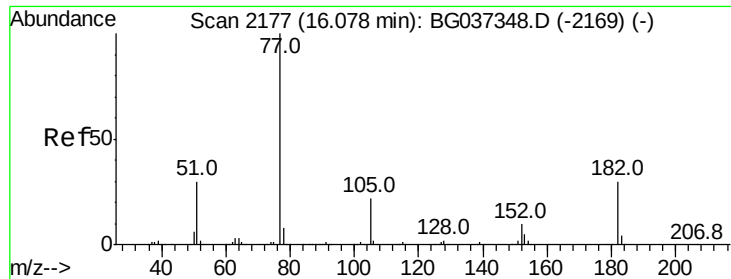
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.164 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 575887

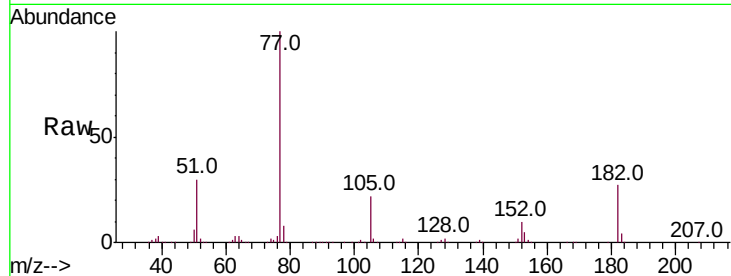
Ion Ratio Lower Upper

77 100

182 27.4 8.0 48.0

105 21.7 1.3 41.3

51 30.5 10.7 50.7

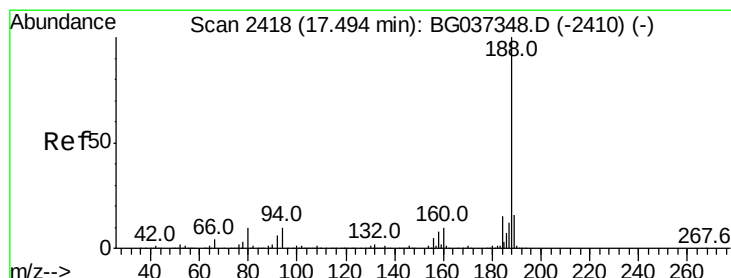
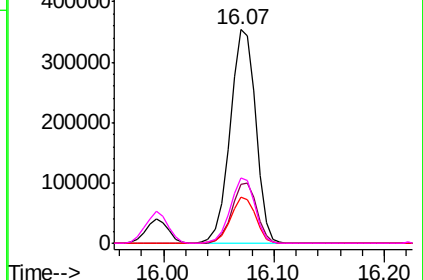
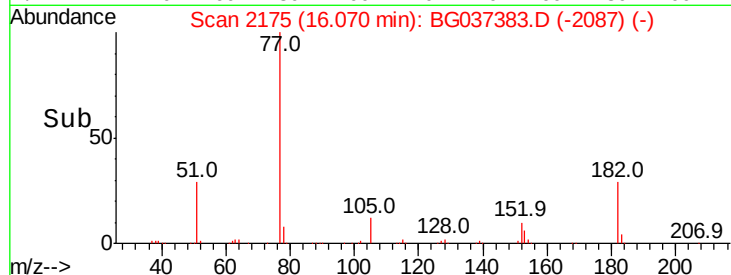


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

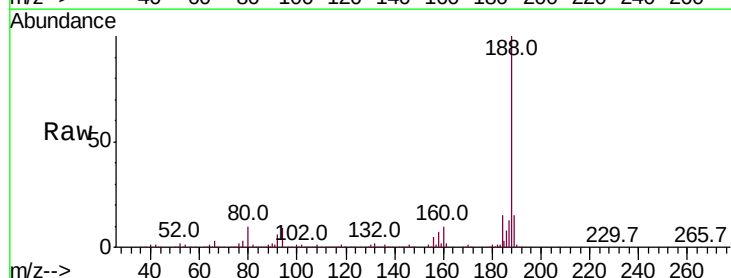
Tgt Ion: 188 Resp: 444940

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

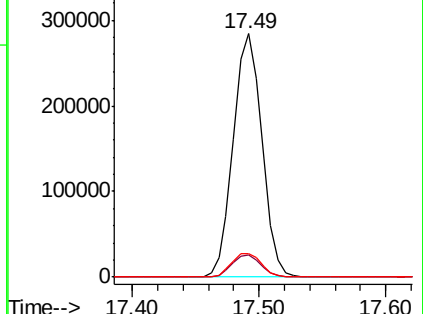
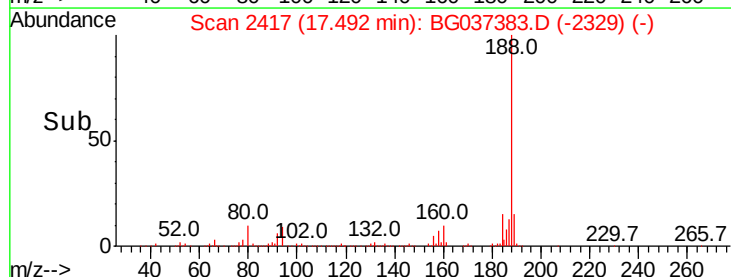
80 9.9 7.7 11.5

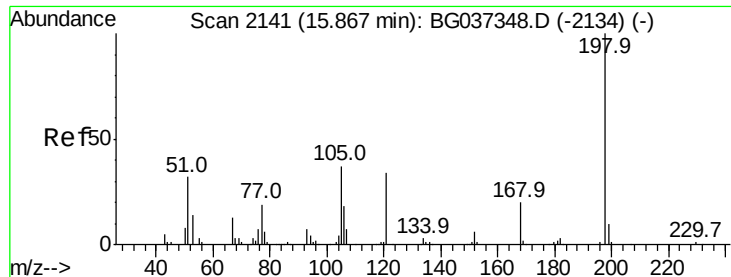


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 26.038 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

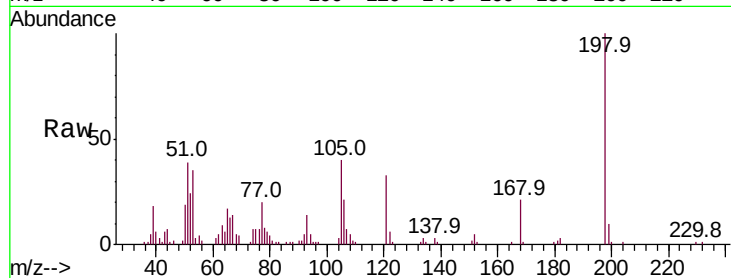
Tot Ion:198 Resp: 31938

Ion Ratio Lower Upper

198 100

51 38.6 22.7 62.7

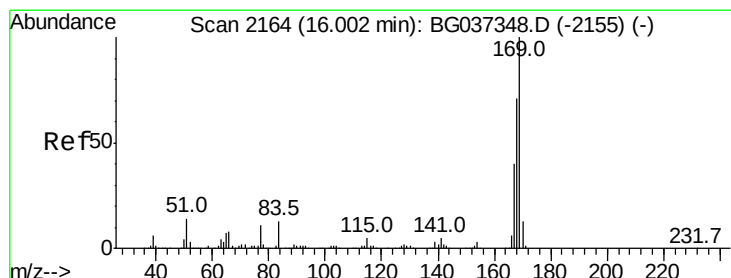
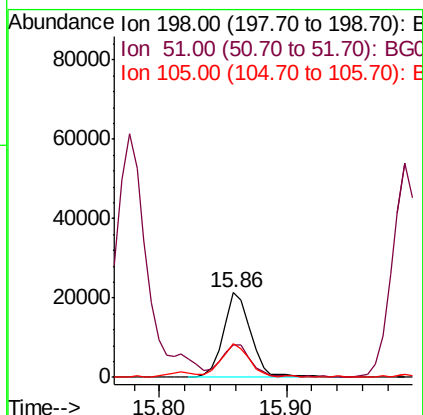
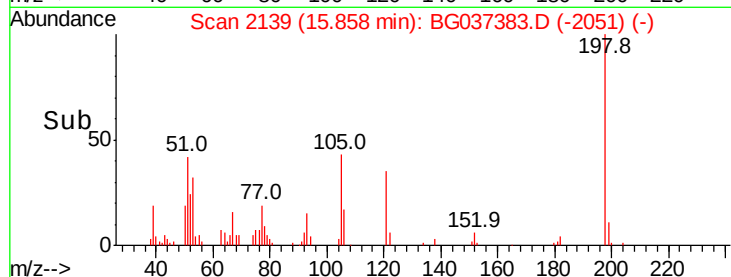
105 40.0 19.7 59.7



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: 40.058 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

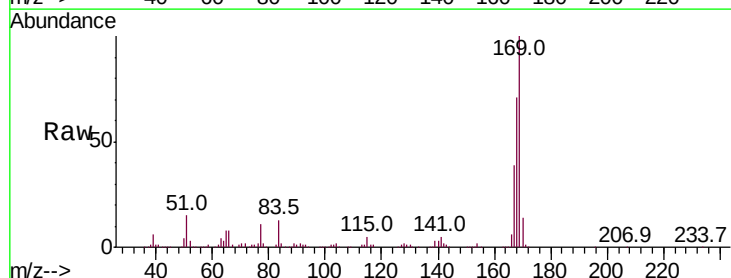
Tgt Ion:169 Resp: 523415

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

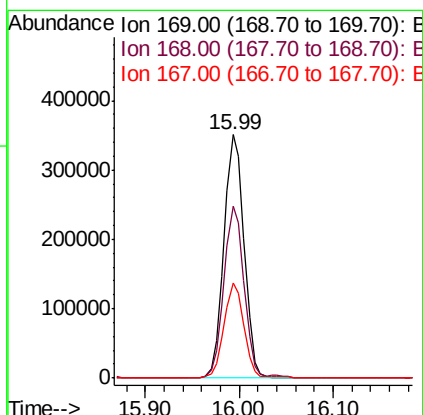
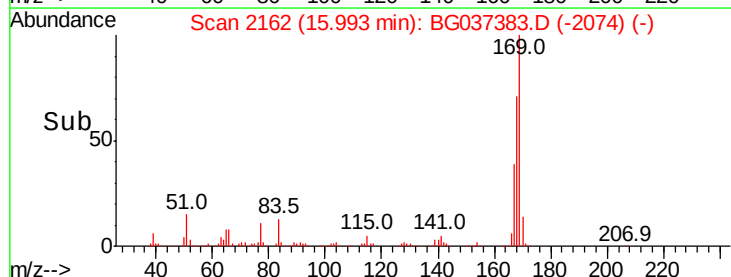
167 39.1 31.3 46.9

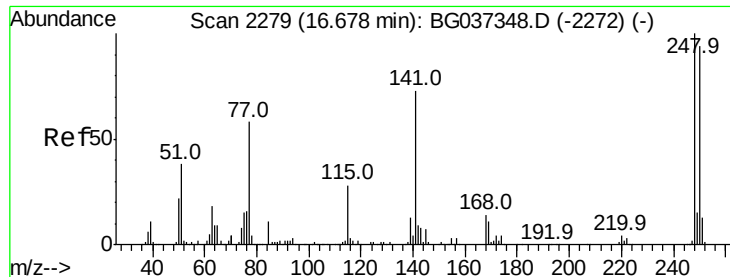


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

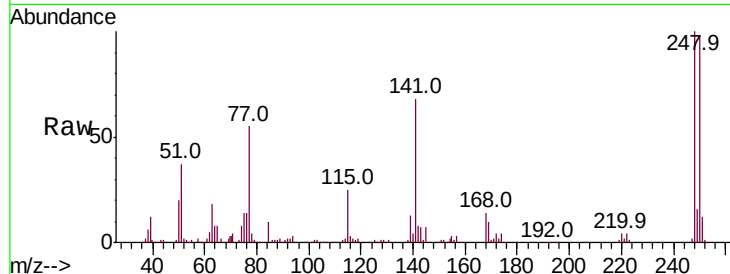




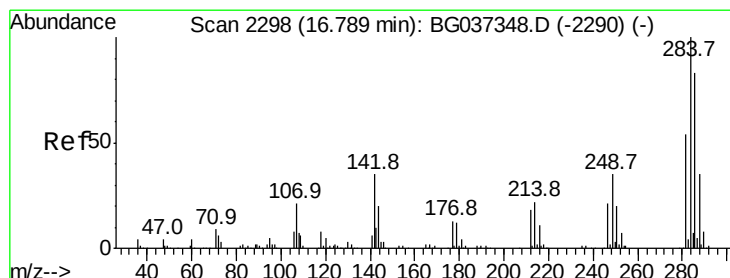
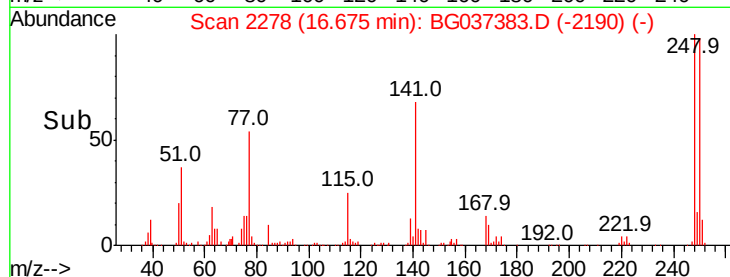
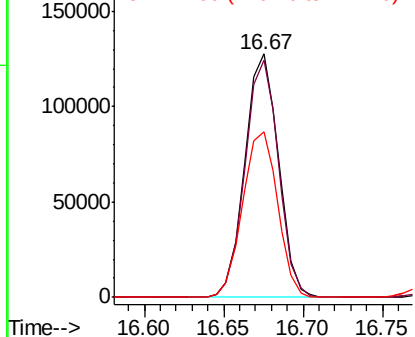
#67
4-Bromophenyl-phenylether
Concen: 39.239 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 188428
Ion Ratio Lower Upper
248 100
250 97.6 77.0 115.6
141 68.2 55.5 83.3

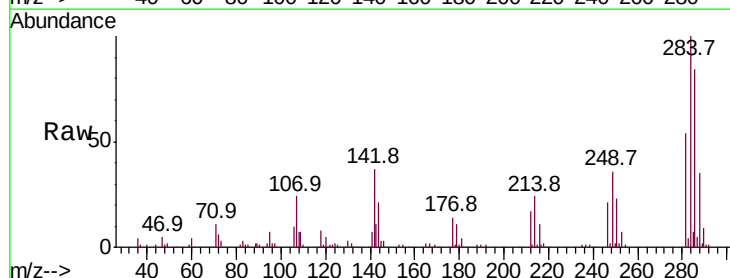


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

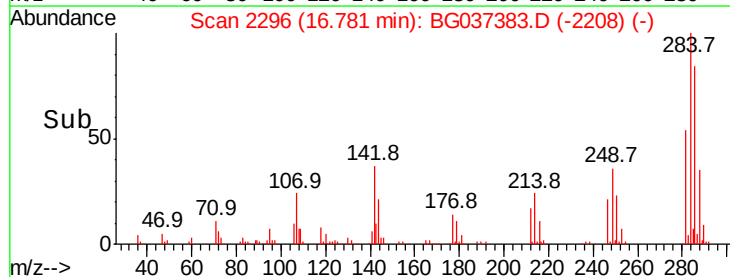
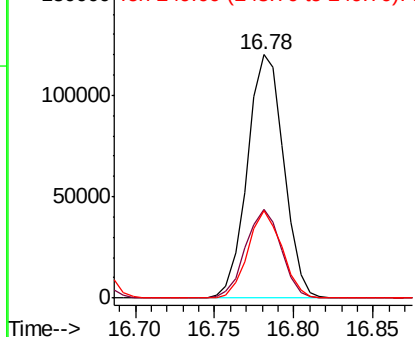


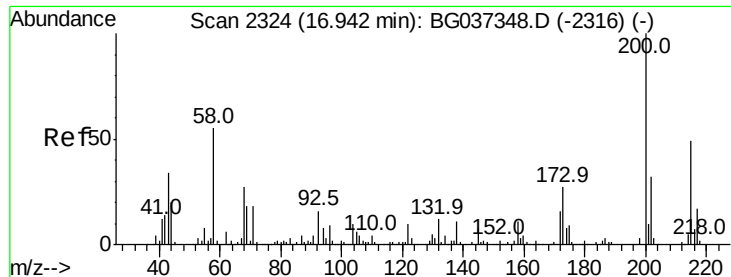
#68
Hexachlorobenzene
Concen: 38.508 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion:284 Resp: 191726
Ion Ratio Lower Upper
284 100
142 36.5 28.1 42.1
249 37.9 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

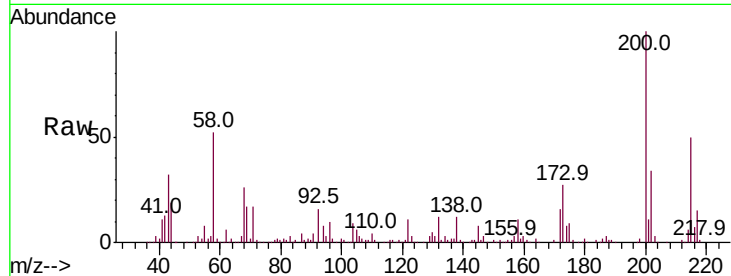




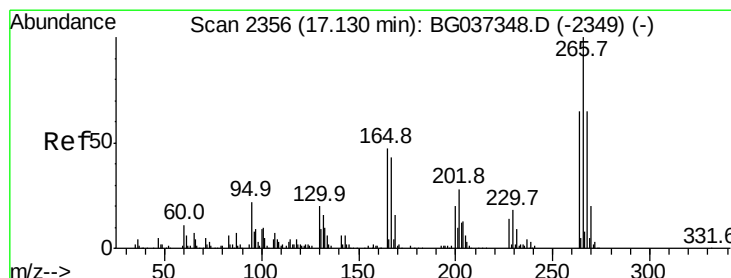
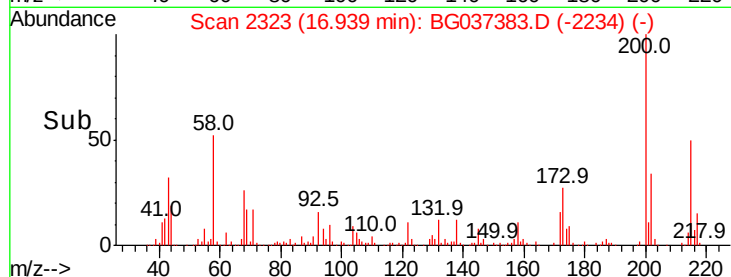
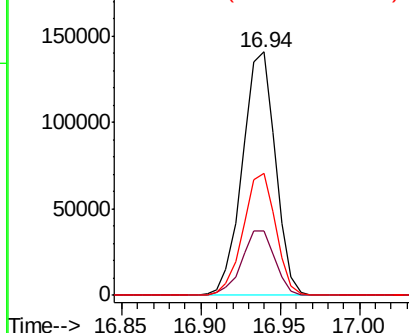
#69
 Atrazine
 Concen: 41.806 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.1	46.1
215	50.0	30.8	70.8

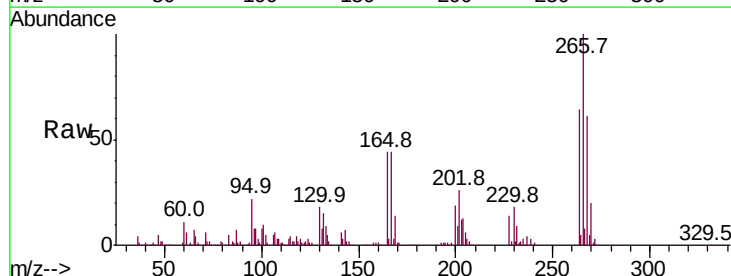


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

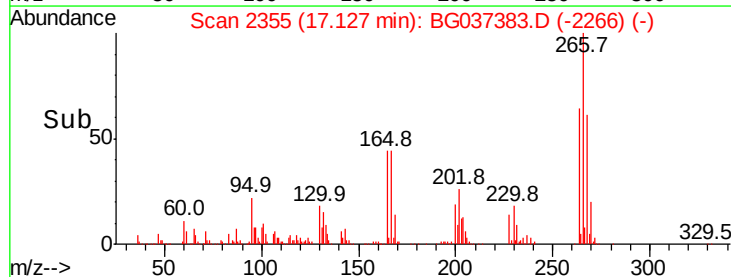
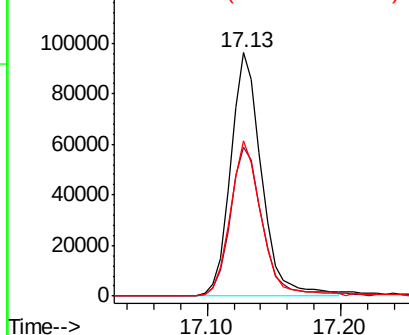


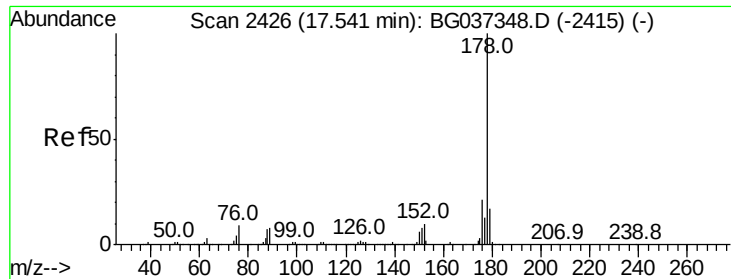
#70
 Pentachlorophenol
 Concen: 48.475 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	55.0	82.6
264	69.2	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

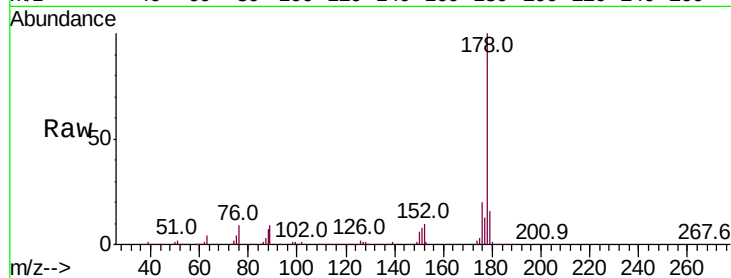




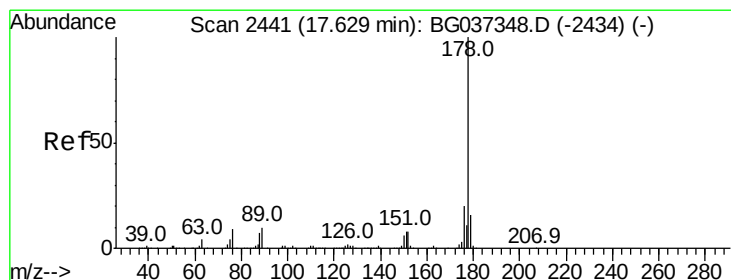
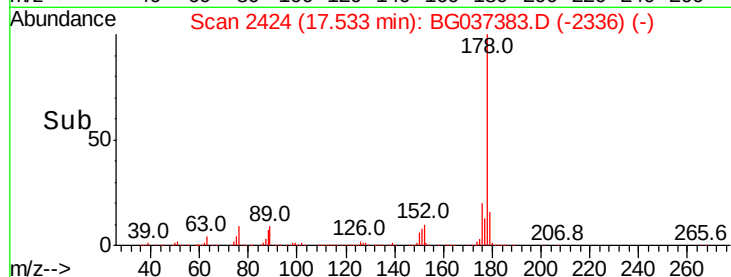
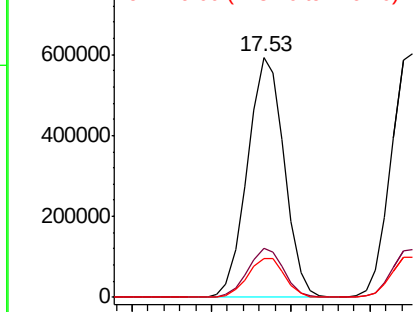
#71
Phenanthrene
Concen: 42.103 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 953594
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 16.2 13.0 19.4

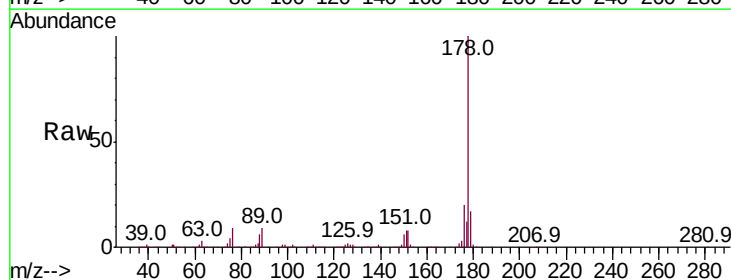


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

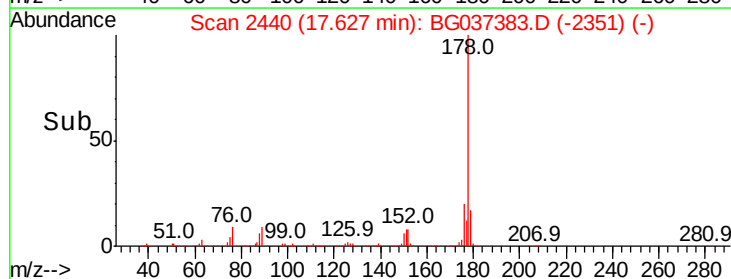
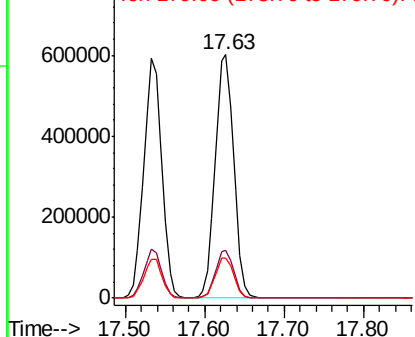


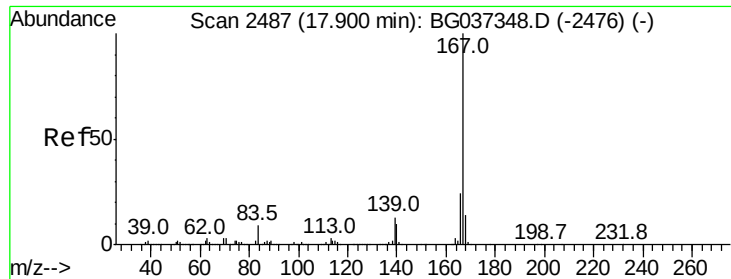
#72
Anthracene
Concen: 43.926 ng
RT: 17.63 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion:178 Resp: 973798
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.5 12.8 19.2



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

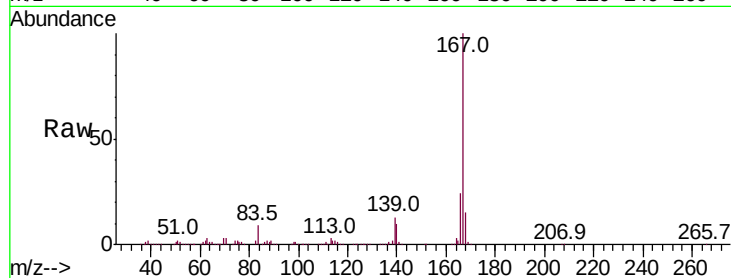




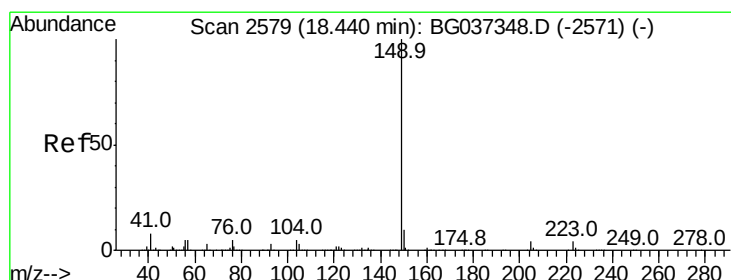
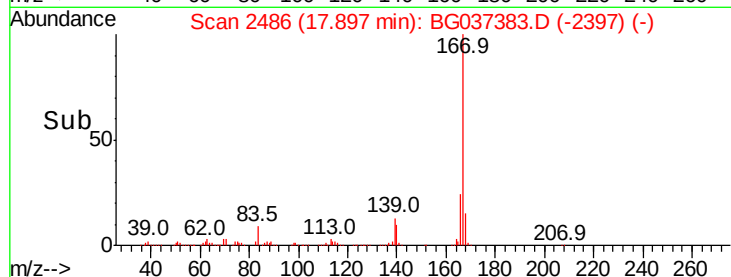
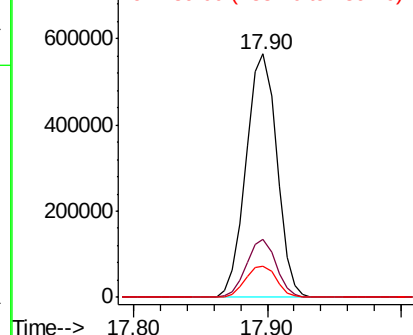
#73
 Carbazole
 Concen: 39.305 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 897781
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.3 27.5
 139 12.9 10.5 15.7

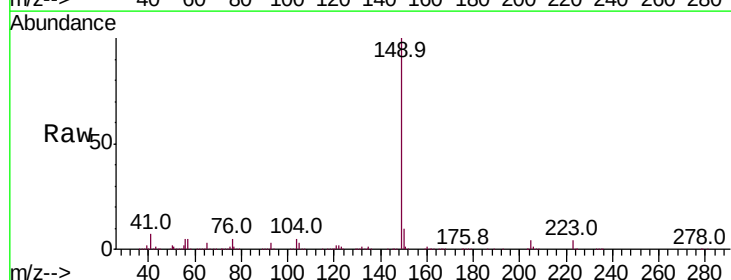


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

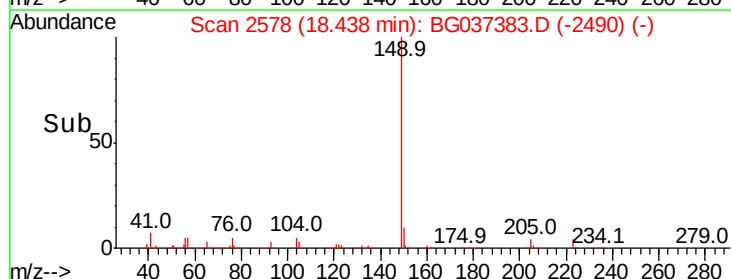
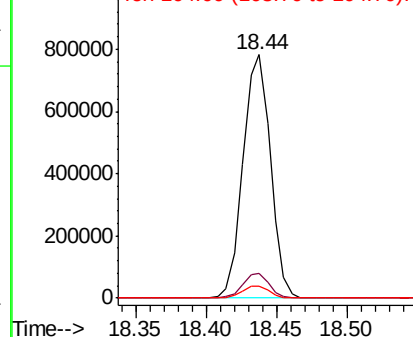


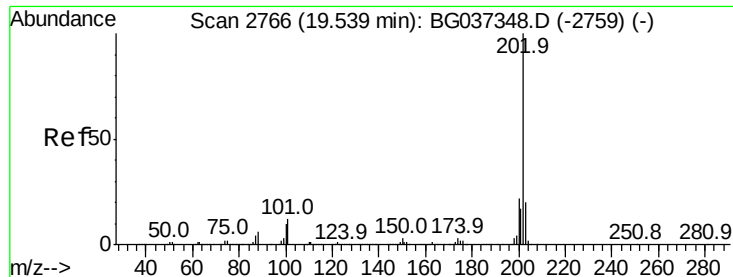
#74
 Di-n-butylphthalate
 Concen: 43.342 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion:149 Resp: 1061098
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.2 12.2
 104 5.0 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: 42.939 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampled :

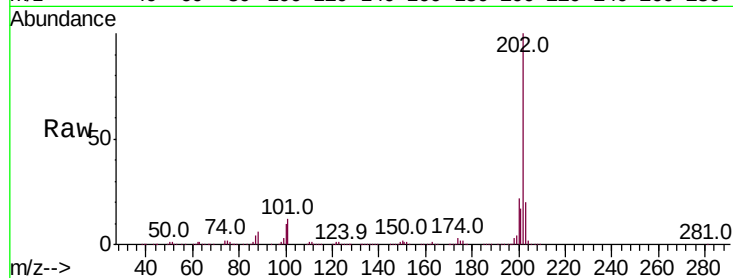
Tot Ion:202 Resp: 1136680

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.7
203	19.7	0.0	38.5

202 100

101 11.7 0.0 30.7

203 19.7 0.0 38.5

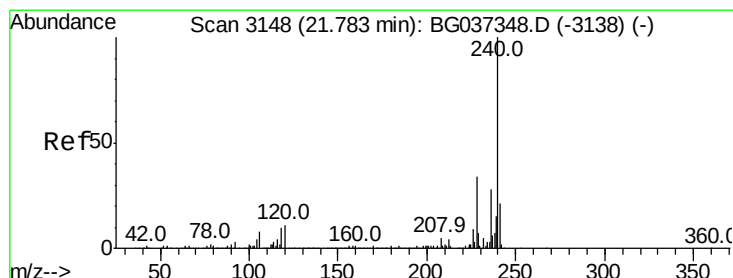
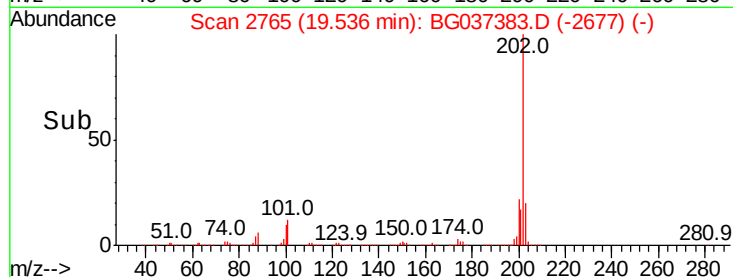
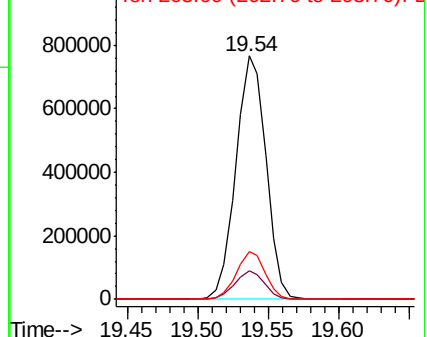


Abundance

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: BG037383.D

Acq: 17 Oct 2018 9:32

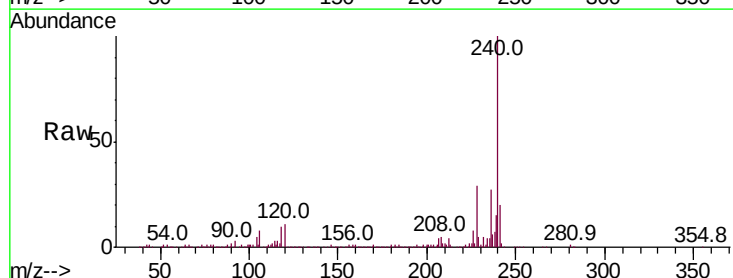
Tgt Ion:240 Resp: 415733

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.2	21.4	32.0

240 100

120 10.7 8.1 12.1

236 27.2 21.4 32.0

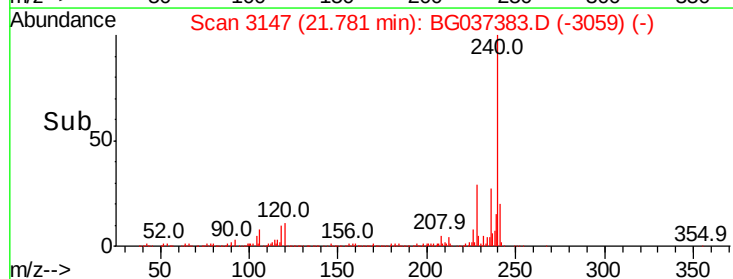
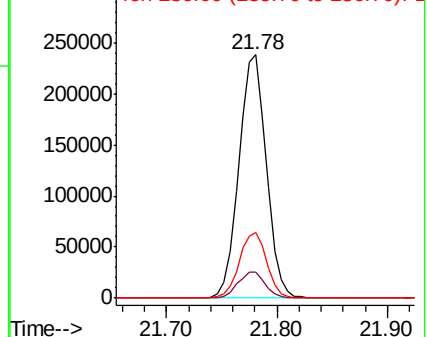


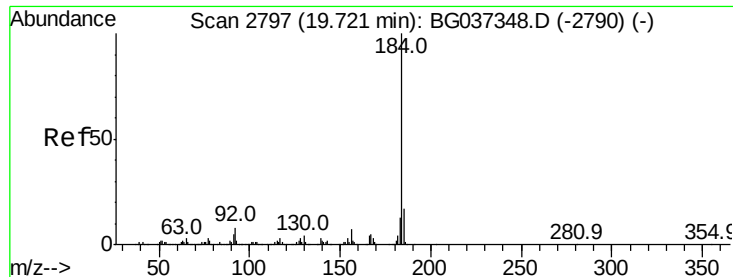
Abundance

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: 32.775 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

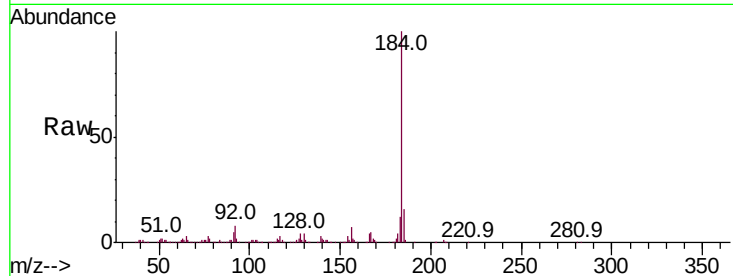
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 521264

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	12.3	10.2	15.2

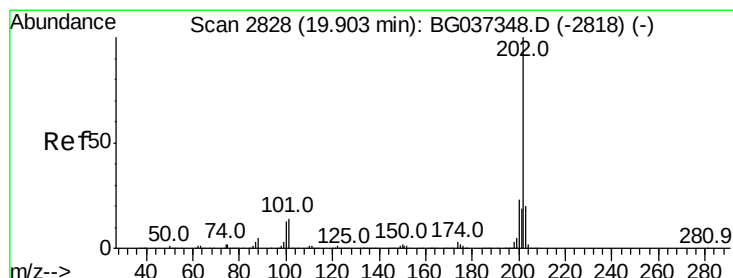
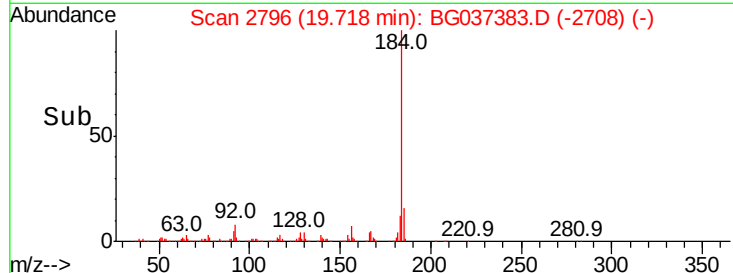
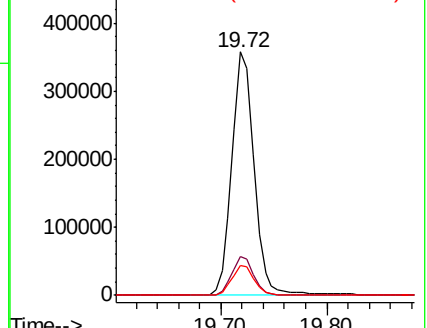


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.820 ng

RT: 19.90 min Scan# 2827

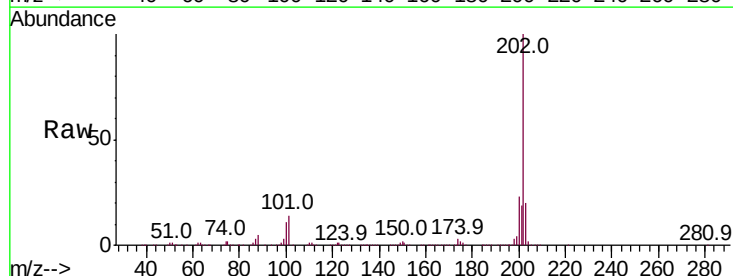
Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:202 Resp: 1133124

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.6
203	19.6	15.2	22.8

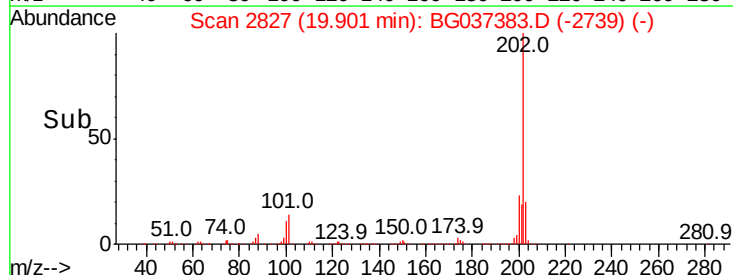
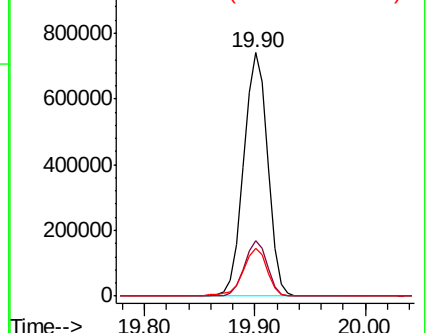


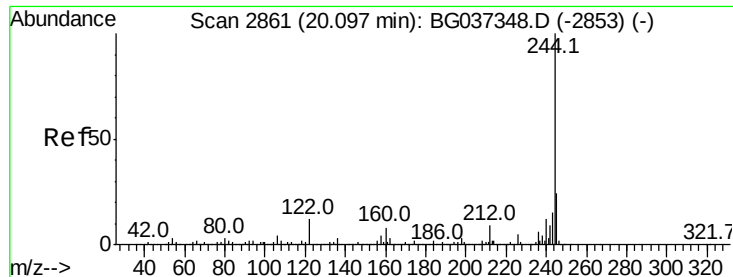
Abundance

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: 78.664 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampled :

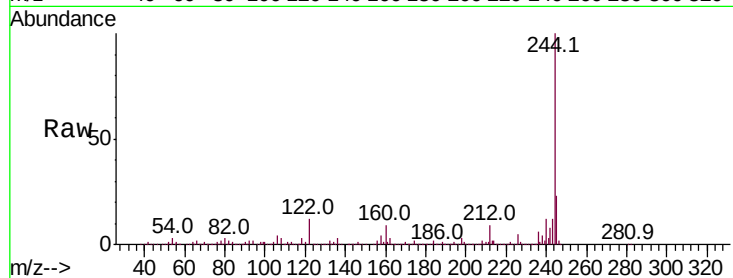
Tot Ion:244 Resp: 1557485

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

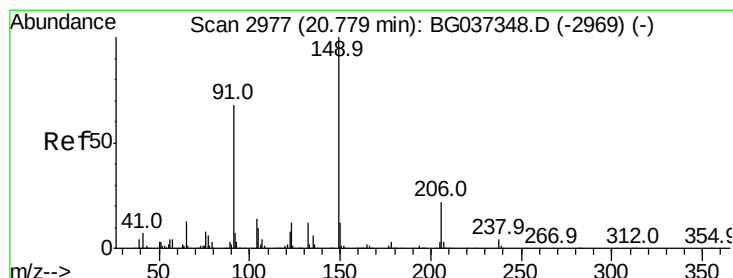
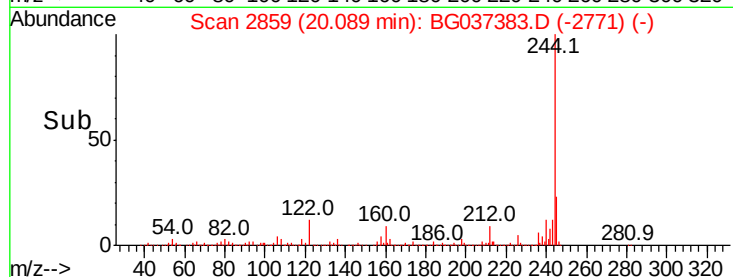
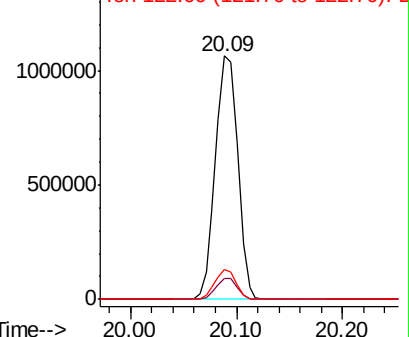
122 12.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.044 ng

RT: 20.78 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

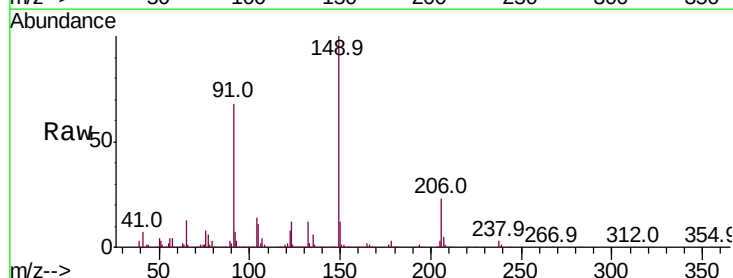
Tgt Ion:149 Resp: 485388

Ion Ratio Lower Upper

149 100

91 68.3 57.0 85.4

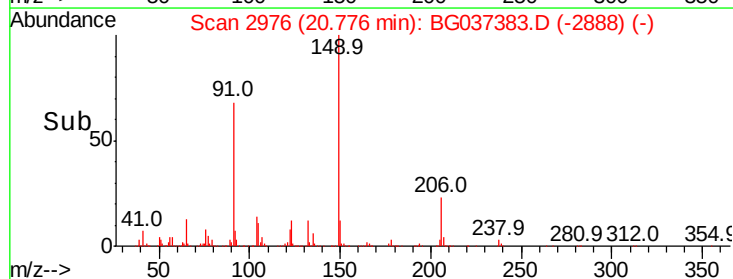
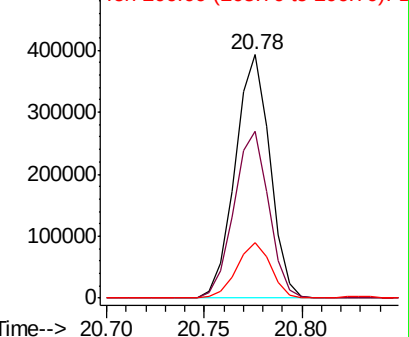
206 22.8 17.8 26.6

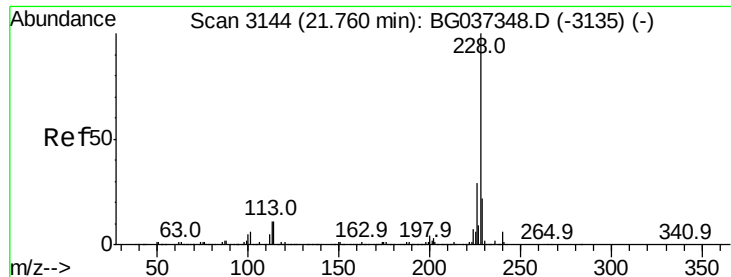


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.333 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

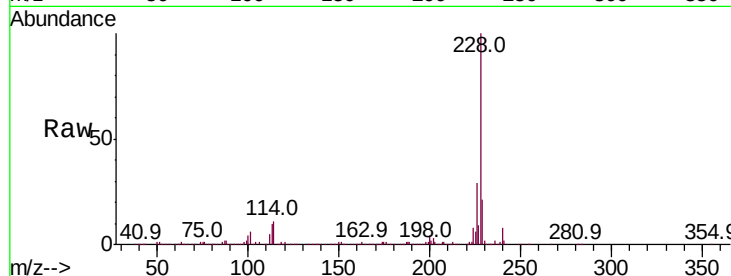
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1078918

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.2	16.3	24.5

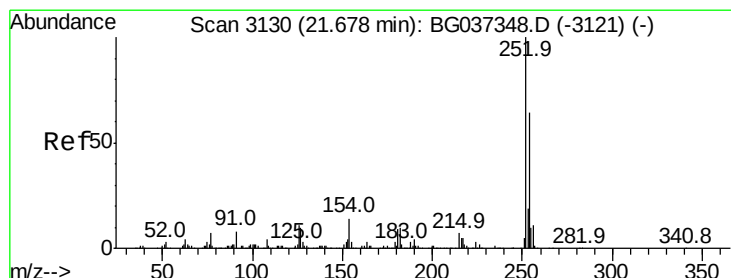
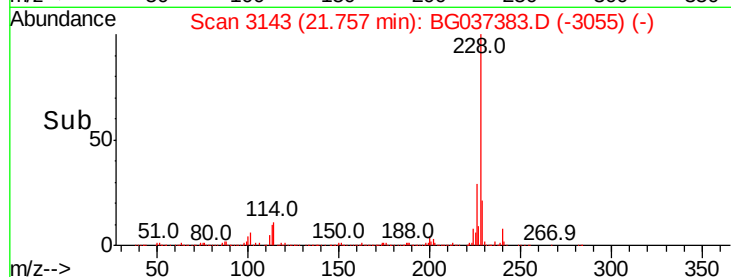
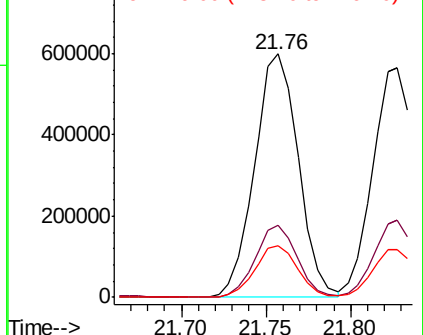


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.939 ng

RT: 21.67 min Scan# 3128

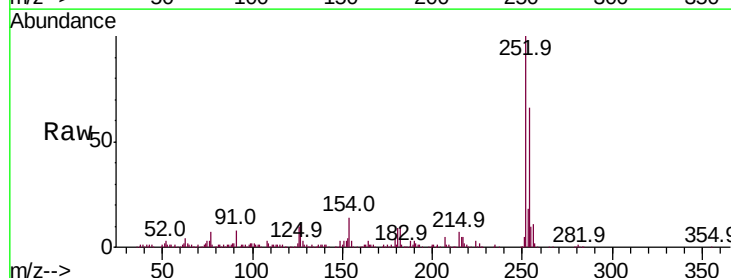
Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:252 Resp: 287554

Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.0	78.0
126	10.3	8.2	12.4

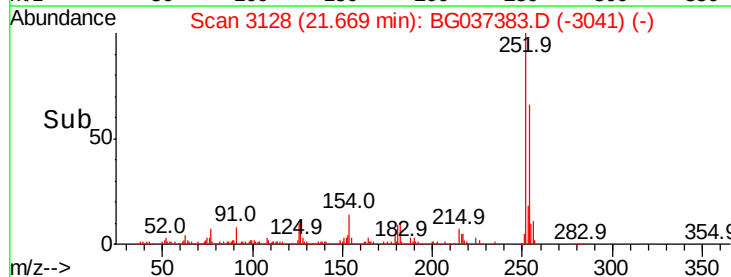
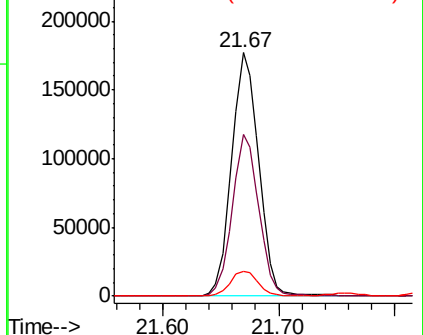


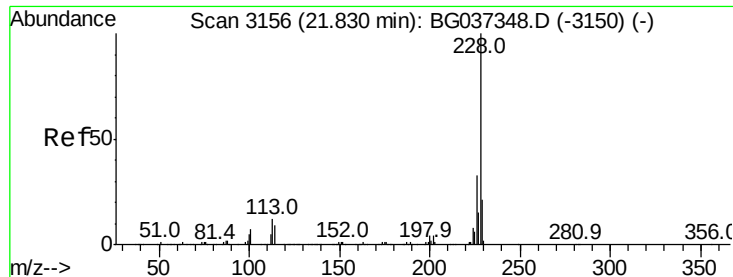
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

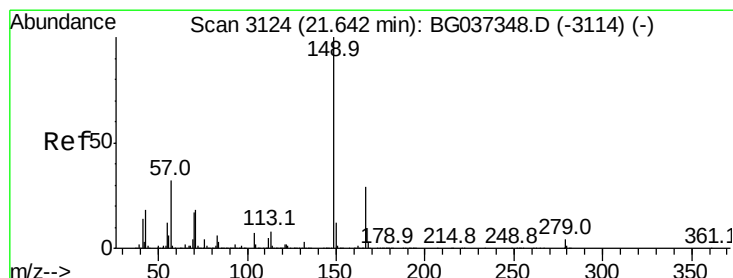
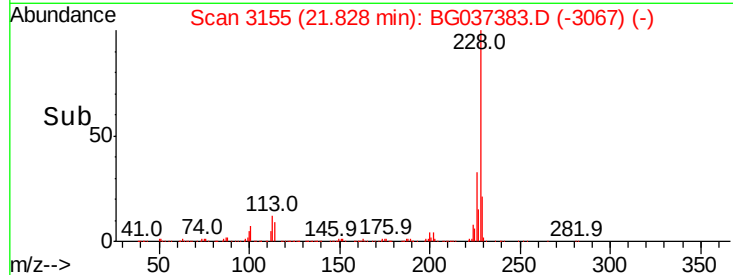
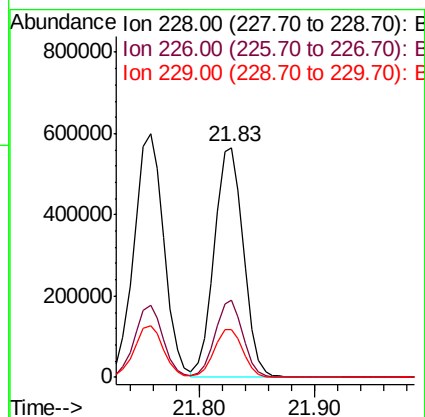
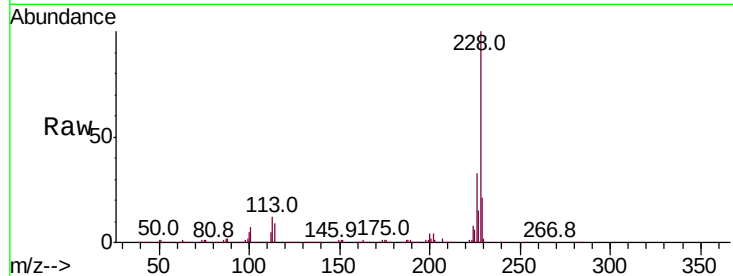




#83
 Chrysene
 Concen: 41.603 ng
 RT: 21.83 min Scan# 3155
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

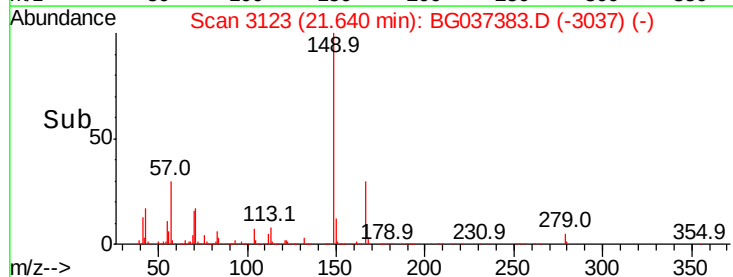
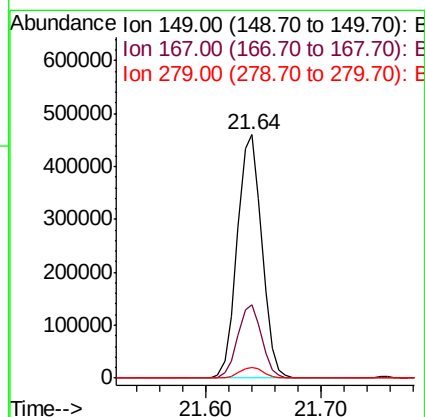
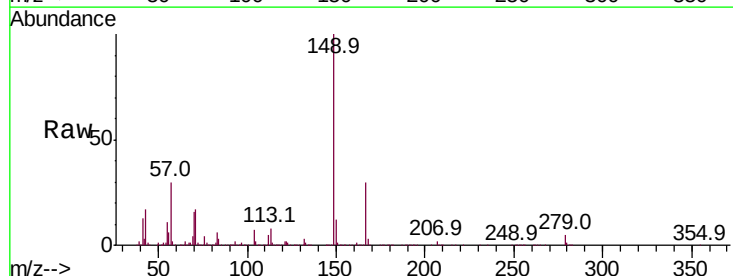
Instrument :
 BNA_G
 ClientSampleId :

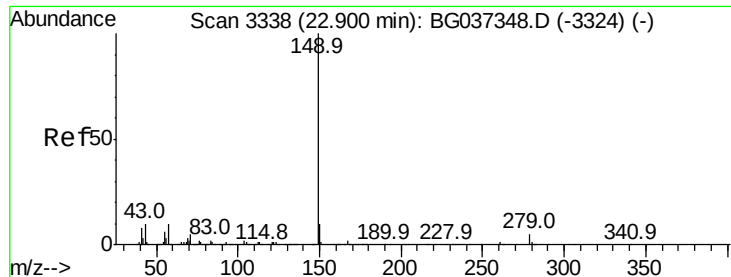
Tot Ion:228	Resp:	988114
Ion	Ratio	Lower Upper
228	100	
226	33.4	25.7 38.5
229	20.9	16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.737 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.03 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion:149	Resp:	677215
Ion	Ratio	Lower Upper
149	100	
167	30.2	23.0 34.4
279	4.6	3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.792 ng

RT: 22.89 min Scan# 3336

Delta R.T. -0.04 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

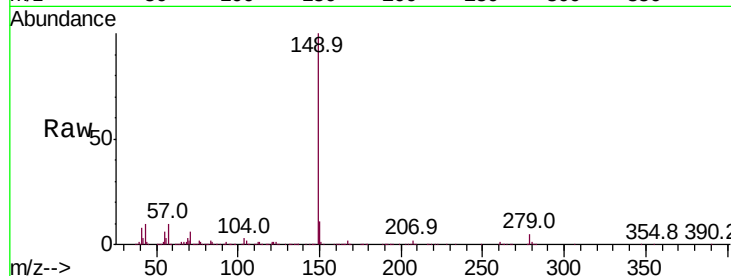
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1149661

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.9	8.7	13.1

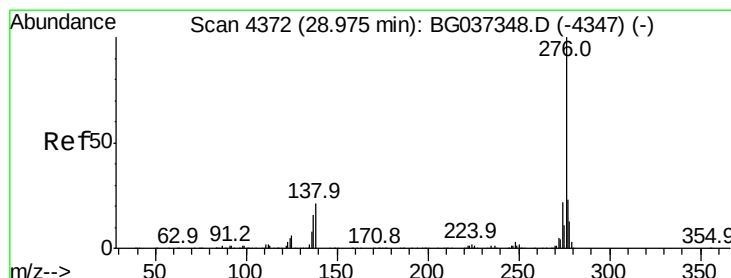
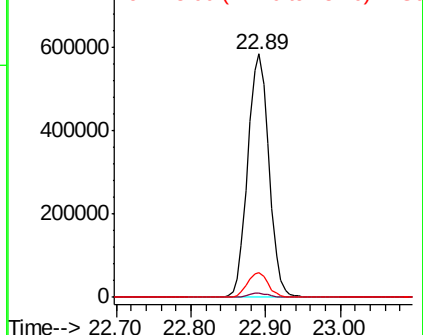
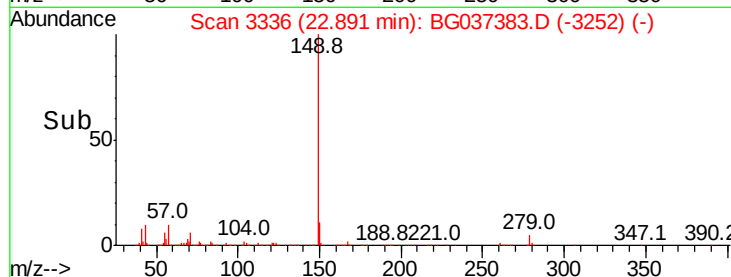


Abundance

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: 45.249 ng

RT: 28.95 min Scan# 4368

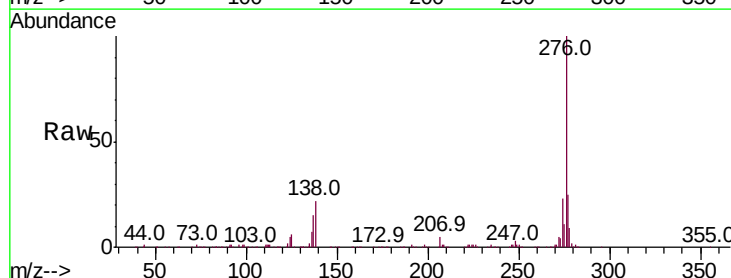
Delta R.T. -0.06 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:276 Resp: 1191212

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.0	18.0
277	25.4	20.6	30.8

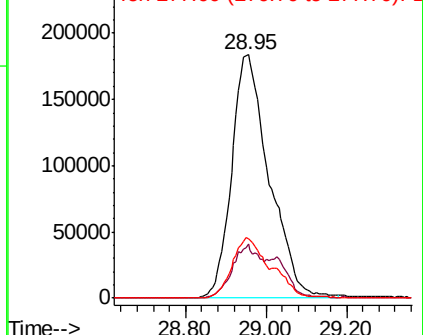
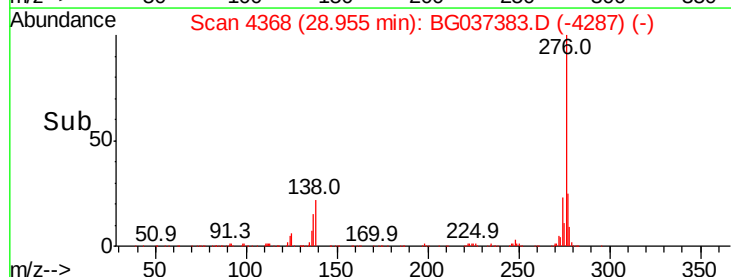


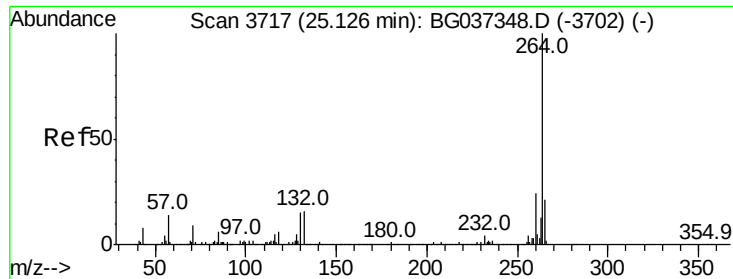
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

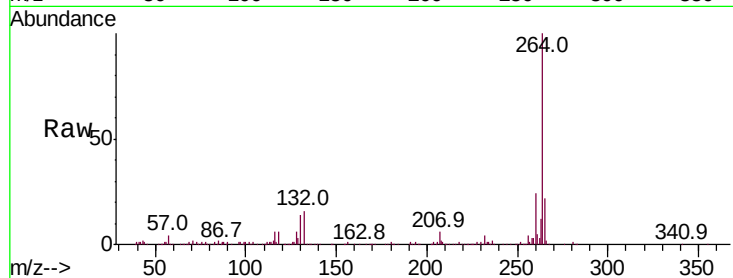
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 439014

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.8	17.9	26.9

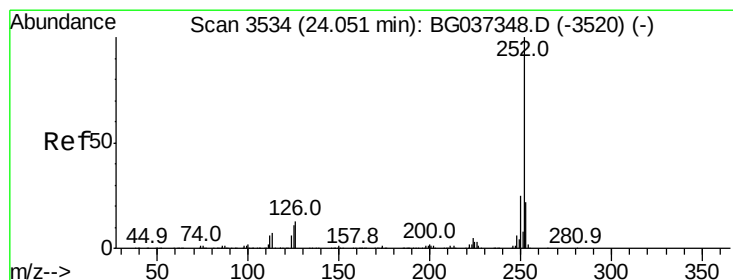
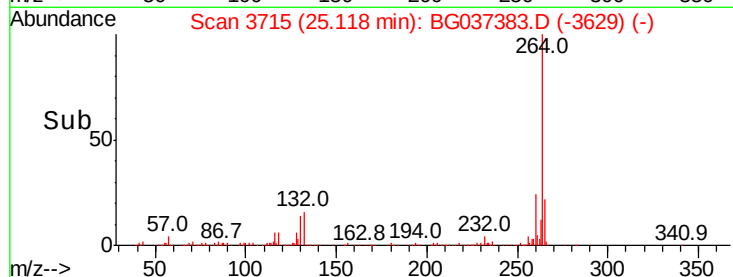
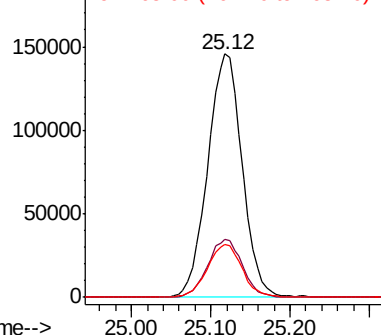


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.757 ng

RT: 24.05 min Scan# 3533

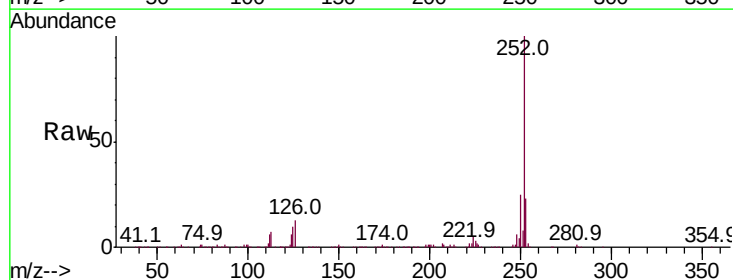
Delta R.T. -0.03 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:252 Resp: 1068274

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.5	7.8	11.6

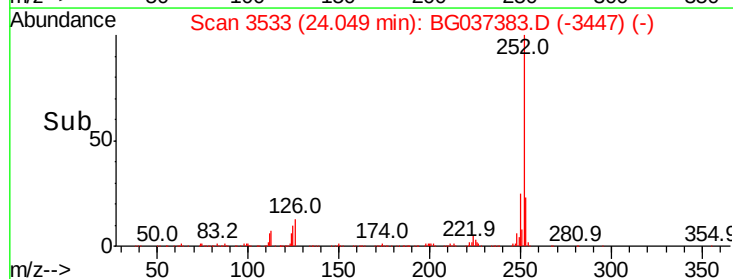
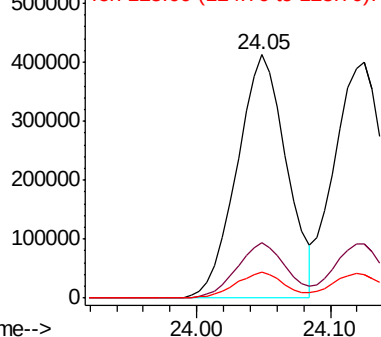


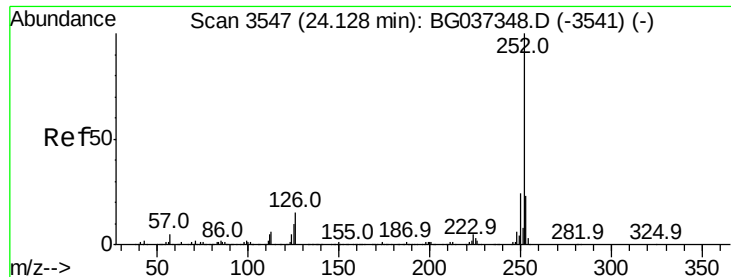
Abundance

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

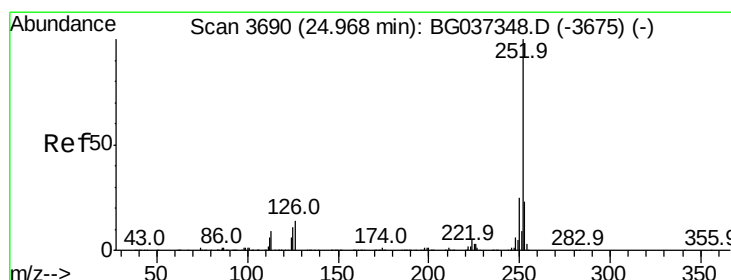
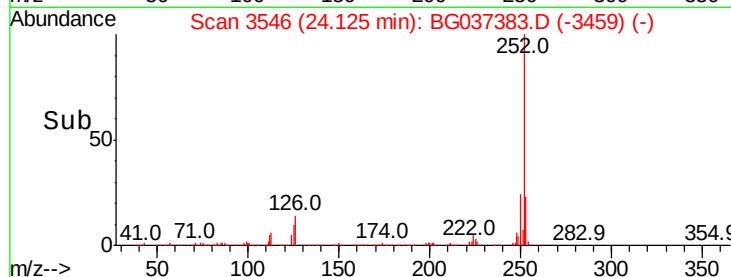
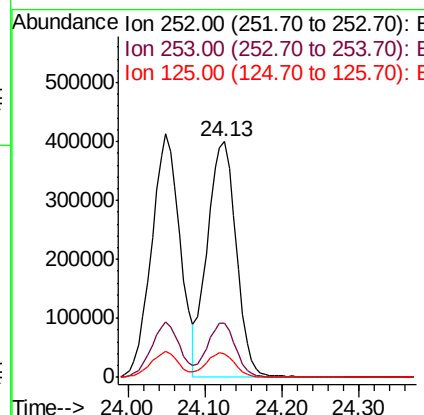
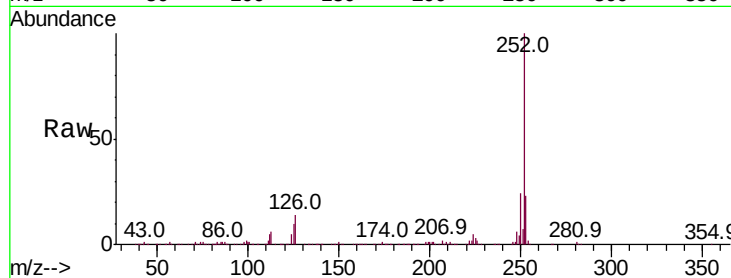




#89
Benzo(k)fluoranthene
Concen: 43.877 ng
RT: 24.13 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

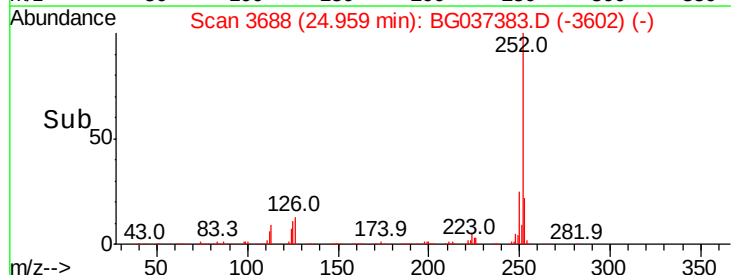
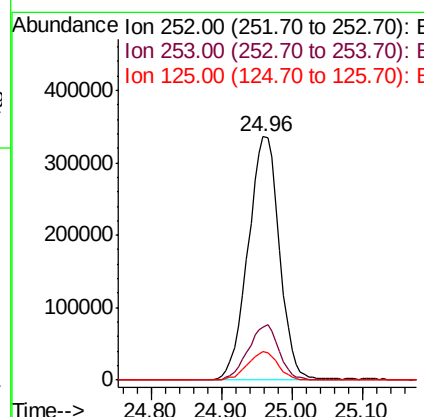
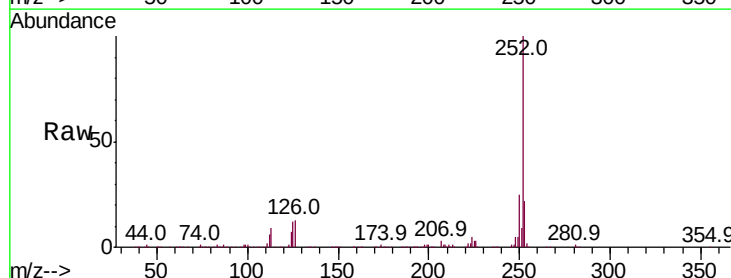
Instrument :
BNA_G
ClientSampleId :

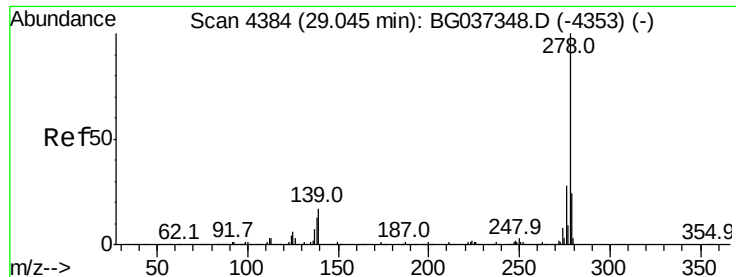
Tot Ion:252 Resp: 1033411
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 10.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.427 ng
RT: 24.96 min Scan# 3688
Delta R.T. -0.03 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion:252 Resp: 1039692
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 11.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.820 ng

RT: 29.03 min Scan# 4381

Delta R.T. -0.05 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

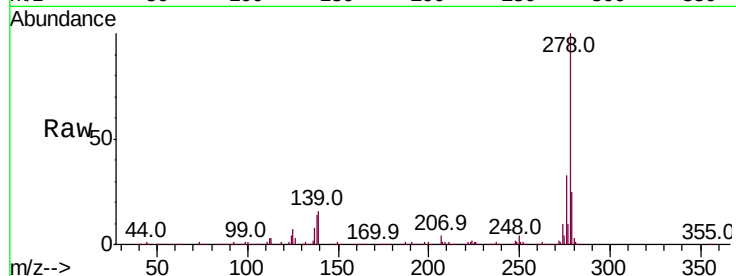
Tot Ion:278 Resp: 959619

Ion Ratio Lower Upper

278 100

139 16.5 11.5 17.3

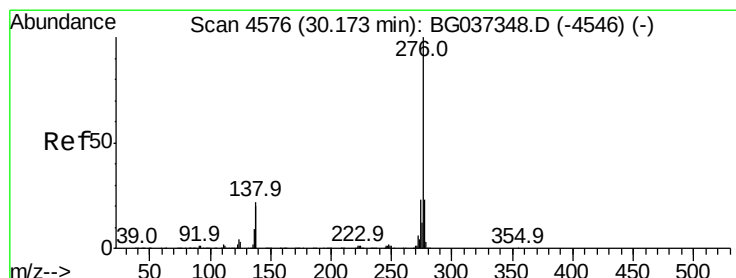
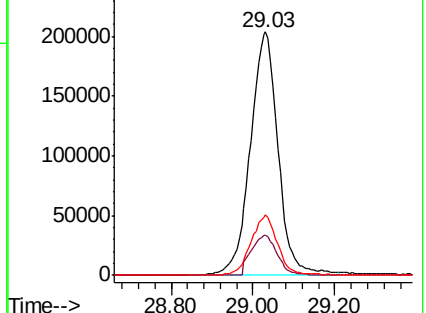
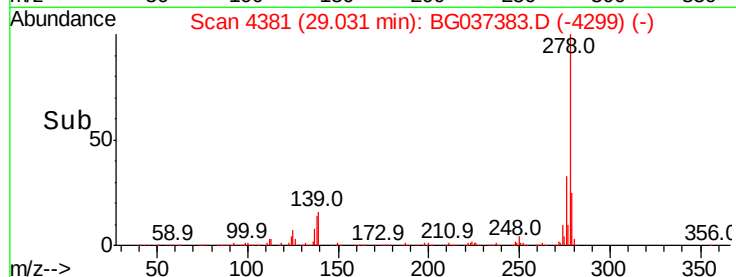
279 24.7 18.6 27.8



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: 44.902 ng

RT: 30.16 min Scan# 4573

Delta R.T. -0.06 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

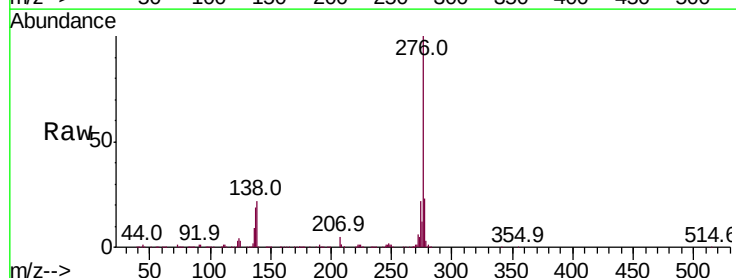
Tgt Ion:276 Resp: 982070

Ion Ratio Lower Upper

276 100

277 22.5 18.9 28.3

138 22.1 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

