

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

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1011-S-DH-31MS

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

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

System Monitoring Compounds

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

Target Compounds

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

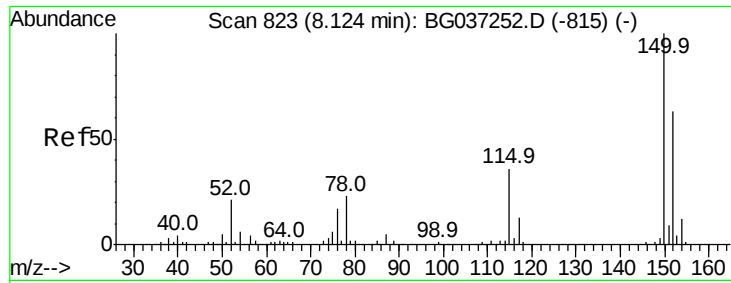
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

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

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

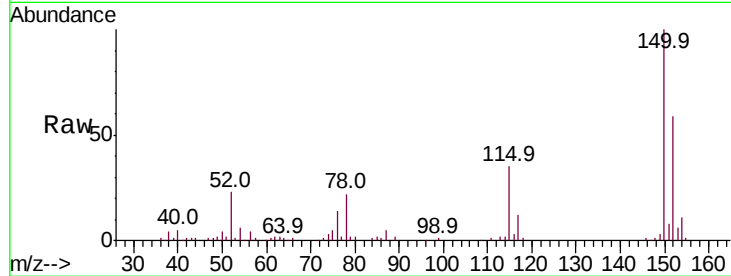


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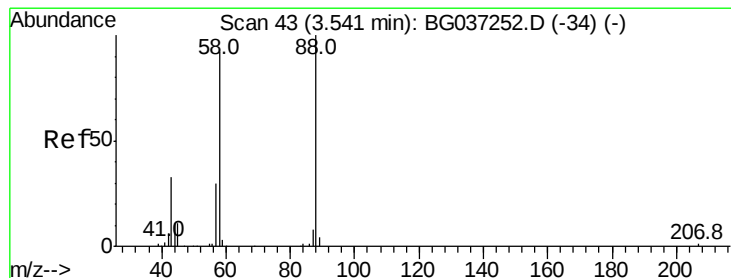
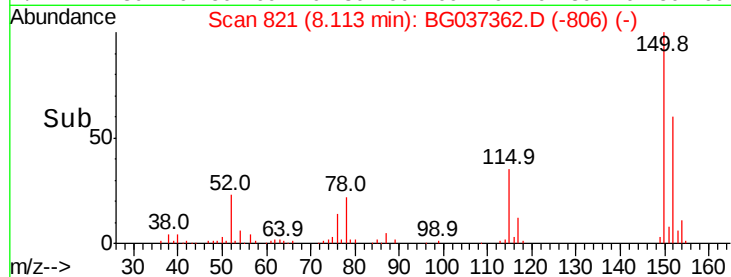
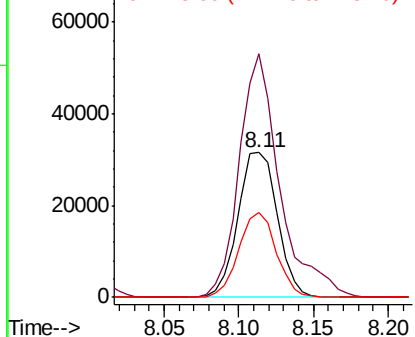
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

Tot Ion:152 Resp: 57703
Ion Ratio Lower Upper
152 100
150 168.1 126.0 189.0
115 58.4 45.5 68.3



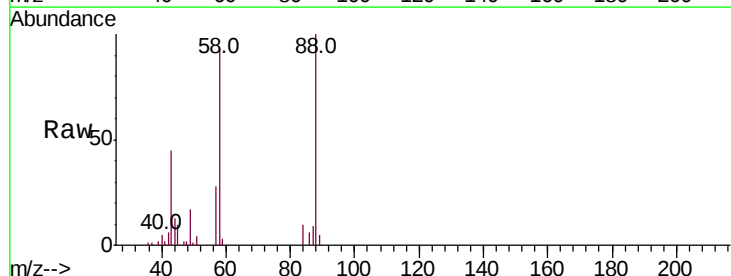
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



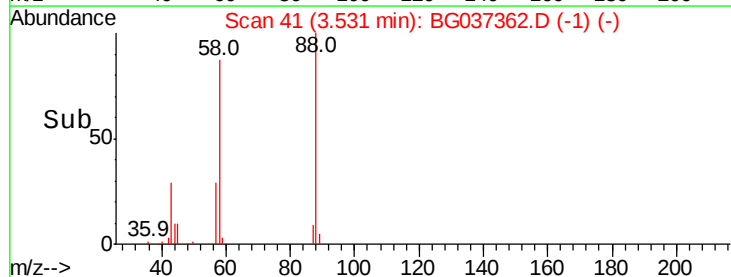
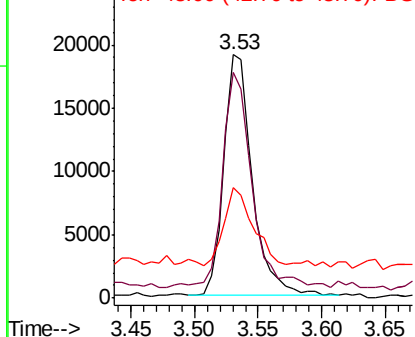
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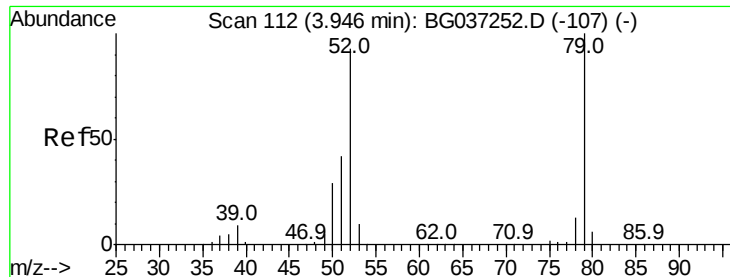
1,4-Dioxane
Concen: 16.077 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion: 88 Resp: 29605
Ion Ratio Lower Upper
88 100
58 92.2 74.4 111.6
43 32.3 25.8 38.8



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





#3

Pvridine

Concen: 17.564 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

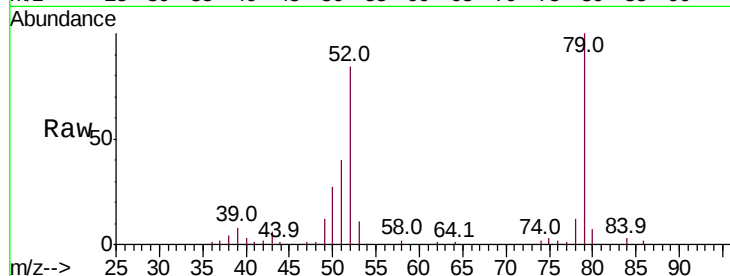
Tot Ion: 79 Resp: 76793

Ion Ratio Lower Upper

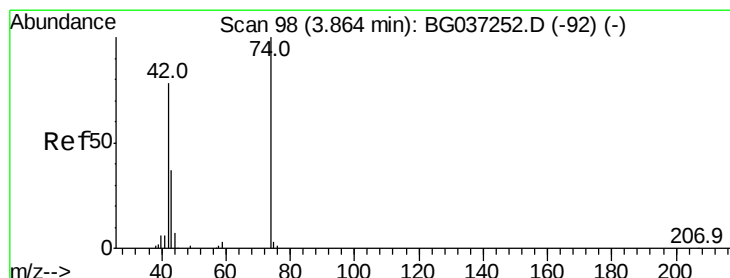
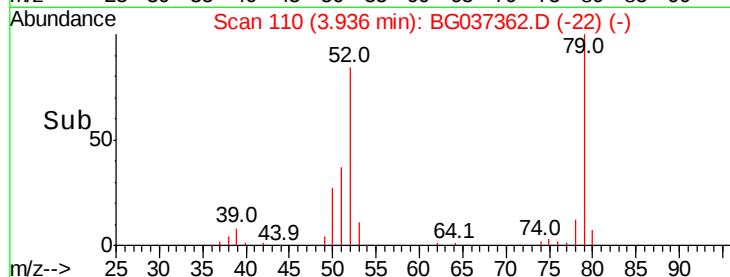
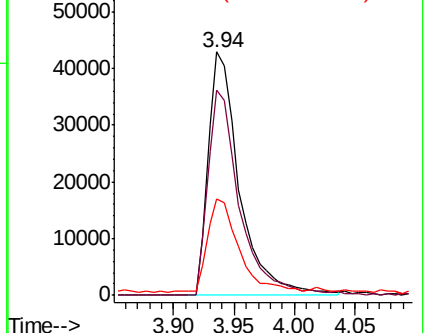
79 100

52 84.4 74.2 111.2

51 39.5 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 22.465 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.00 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

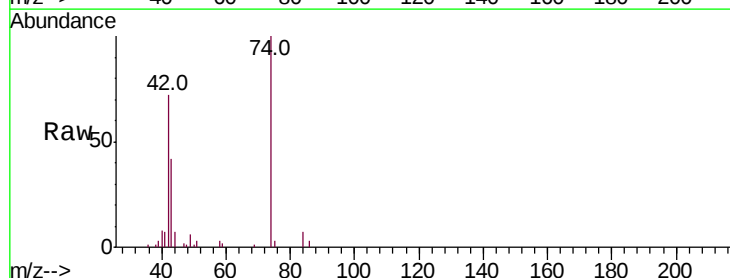
Tgt Ion: 42 Resp: 38142

Ion Ratio Lower Upper

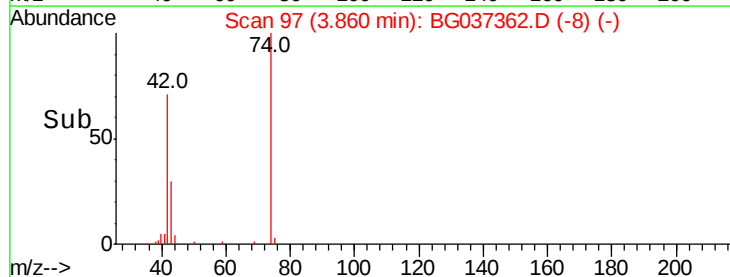
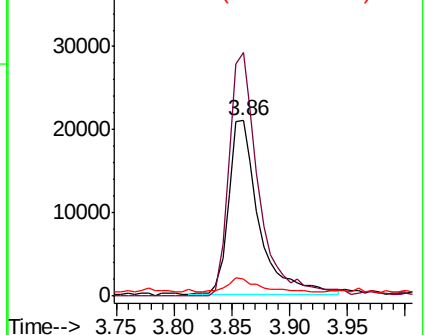
42 100

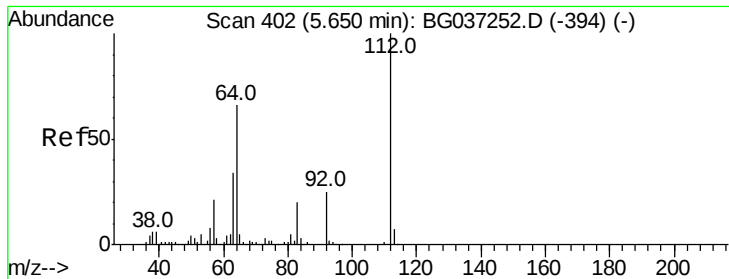
74 138.9 102.0 153.0

44 9.9 9.6 14.4



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





#5

2-Fluorophenol

Concen: 82.231 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

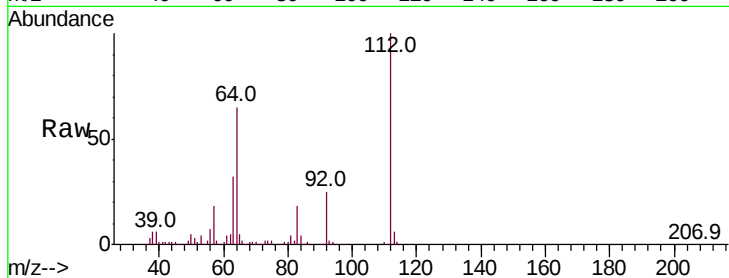
Tot Ion:112 Resp: 269615

Ion Ratio Lower Upper

112 100

64 64.7 53.1 79.7

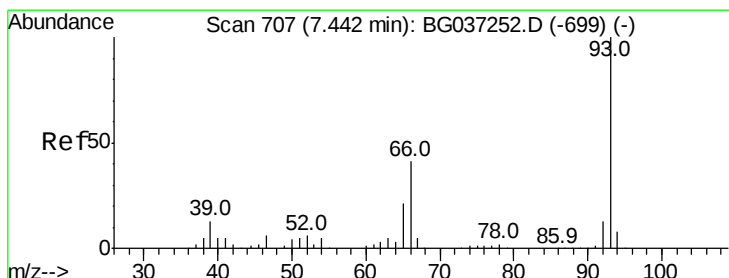
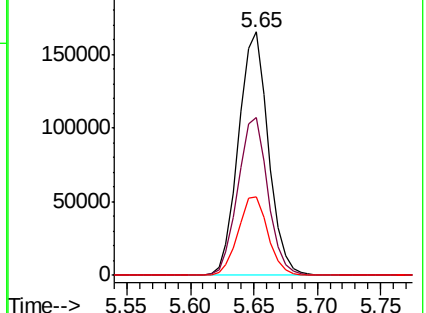
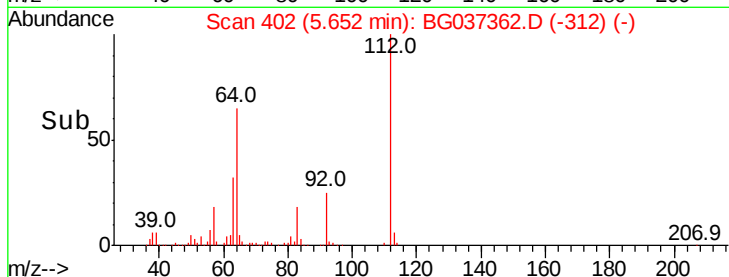
63 32.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.915 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

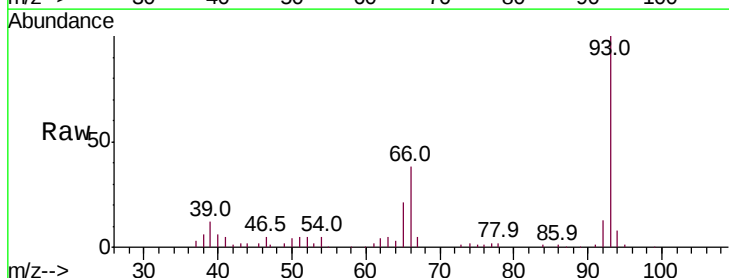
Tgt Ion: 93 Resp: 84138

Ion Ratio Lower Upper

93 100

66 38.5 32.8 49.2

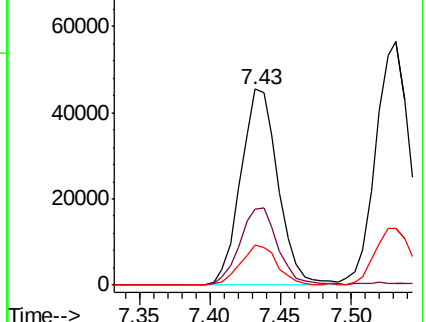
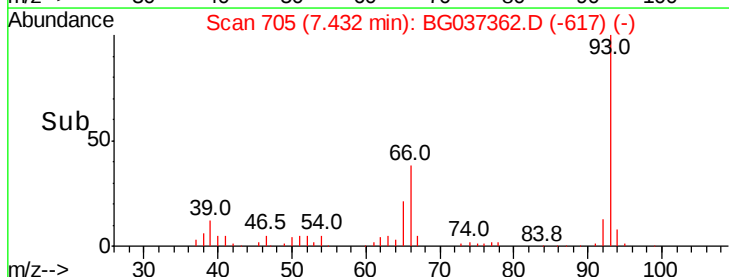
65 20.7 16.4 24.6

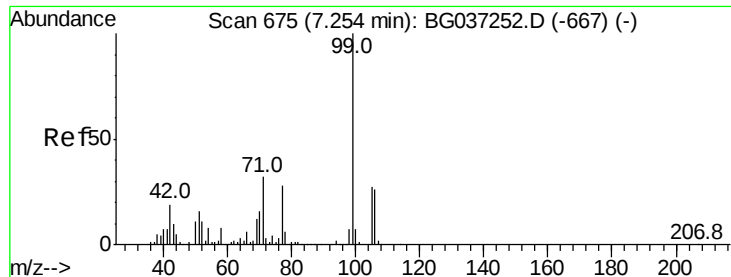


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.061 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

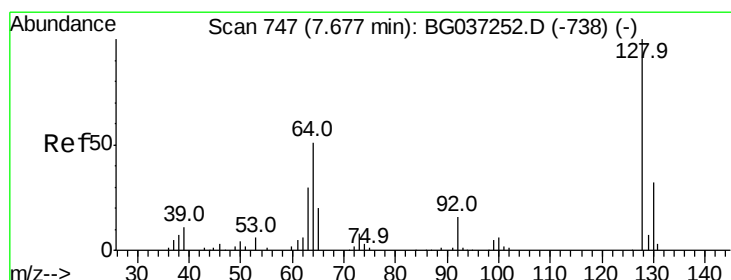
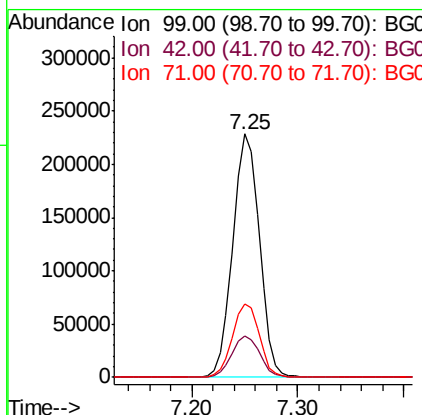
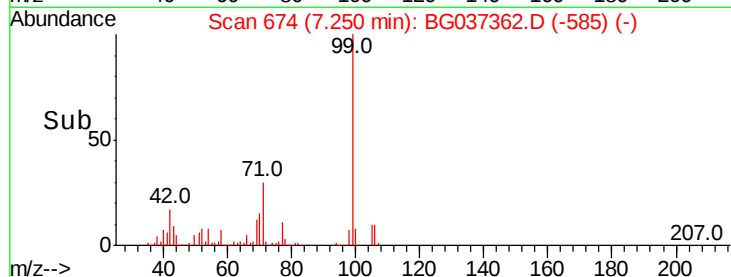
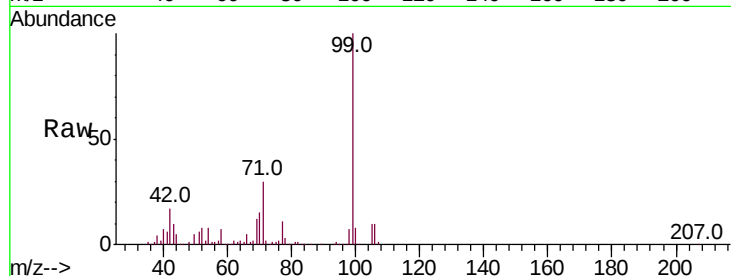
Tot Ion: 99 Resp: 398433

Ion Ratio Lower Upper

99 100

42 17.2 15.0 22.4

71 30.3 25.5 38.3



#8

2-Chlorophenol

Concen: 26.073 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

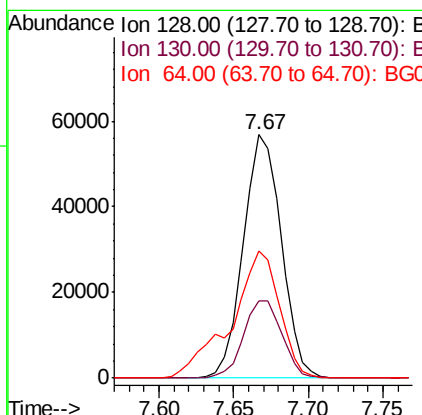
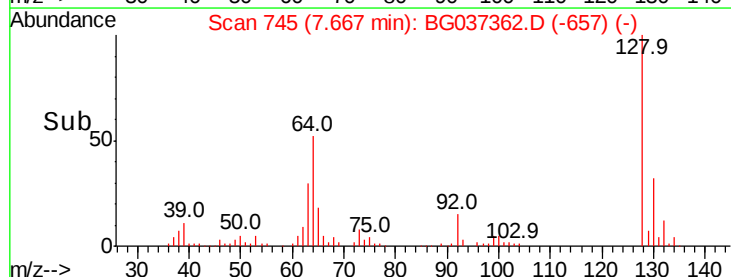
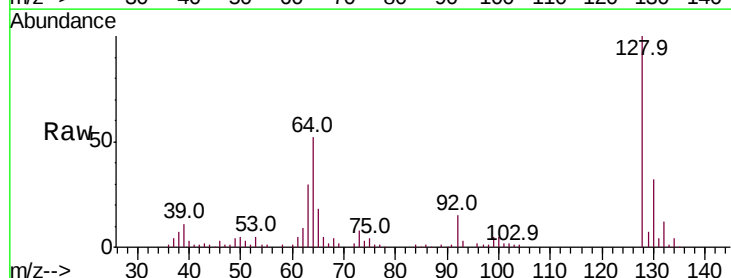
Tgt Ion: 128 Resp: 100051

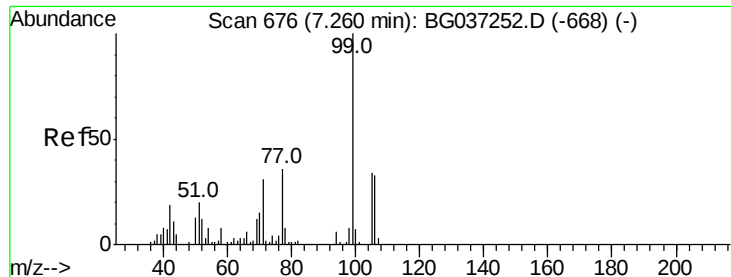
Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

64 52.2 32.9 72.9





#9

Benzaldehyde

Concen: 12.972 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

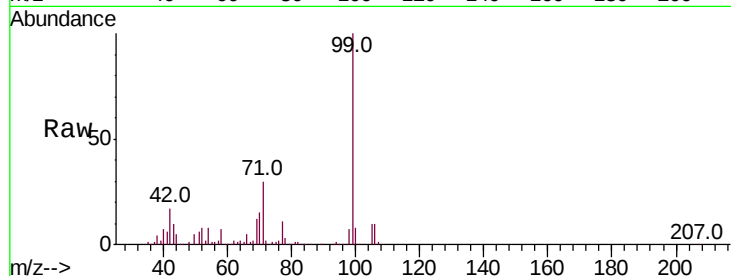
Tot Ion: 77 Resp: 44445

Ion Ratio Lower Upper

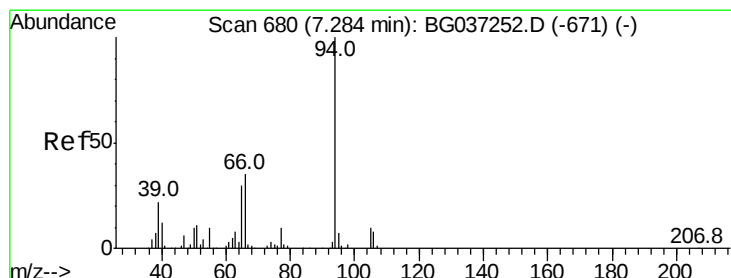
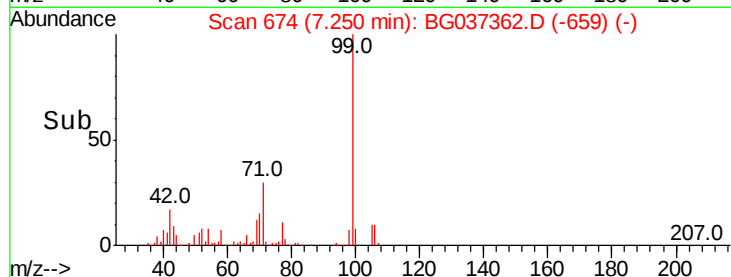
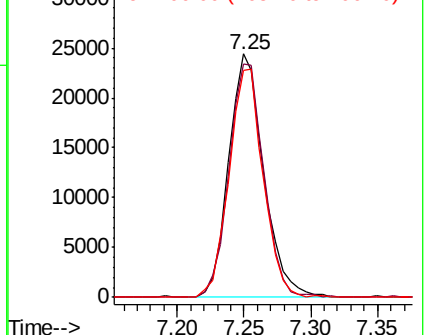
77 100

105 95.7 72.6 112.6

106 93.3 71.3 111.3



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



#10

Phenol

Concen: 27.790 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

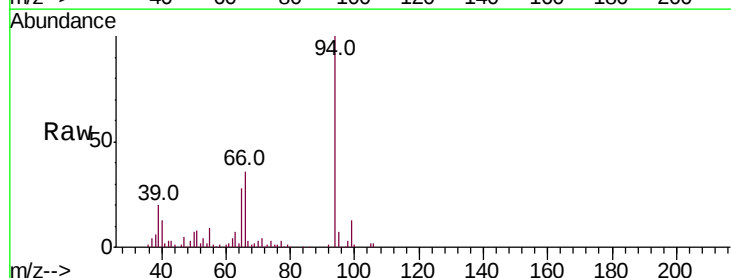
Tgt Ion: 94 Resp: 145657

Ion Ratio Lower Upper

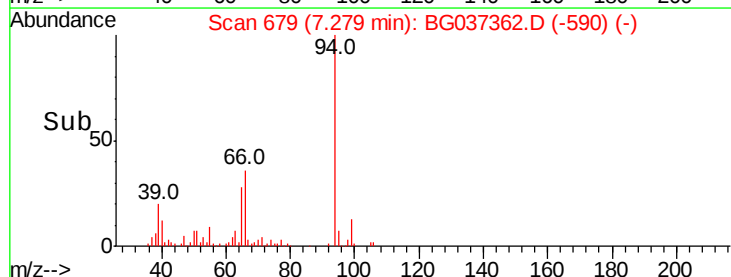
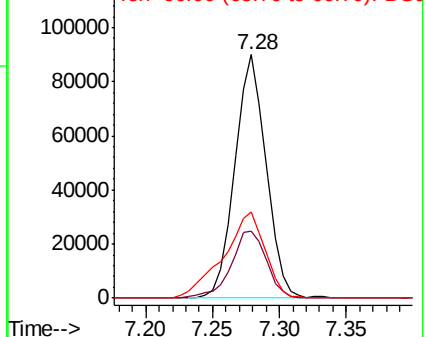
94 100

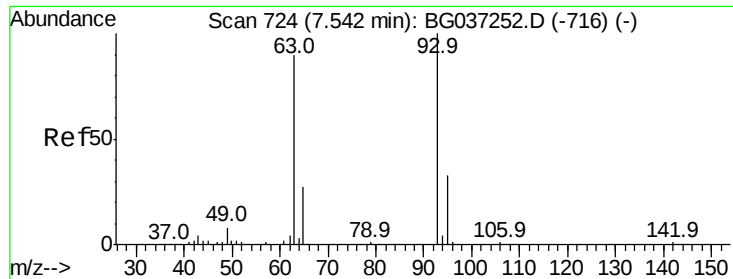
65 27.5 9.7 49.7

66 35.5 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 21.736 ng

RT: 7.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

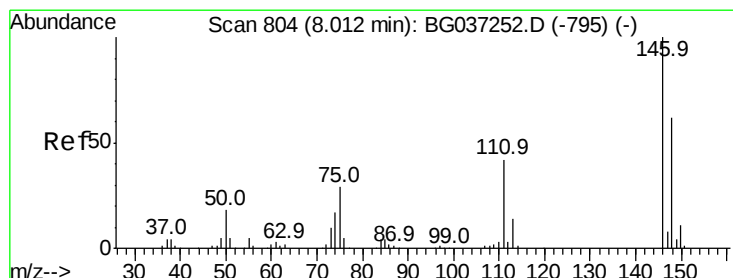
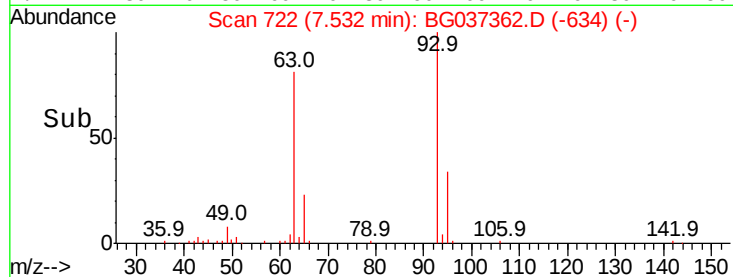
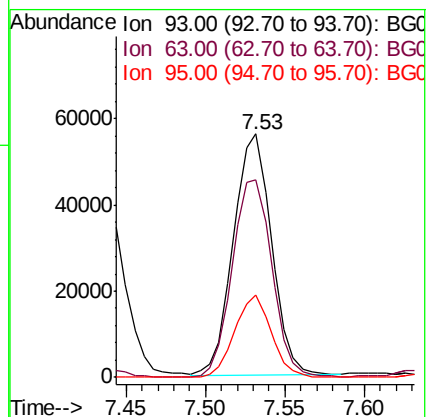
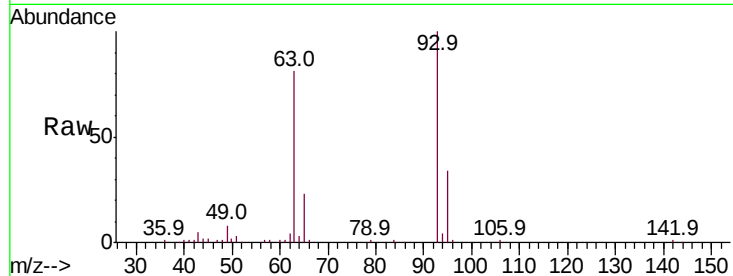
Tot Ion: 93 Resp: 93075

Ion Ratio Lower Upper

93 100

63 81.4 69.5 109.5

95 33.8 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 21.993 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

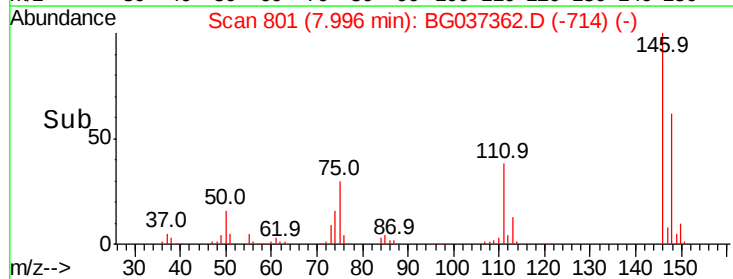
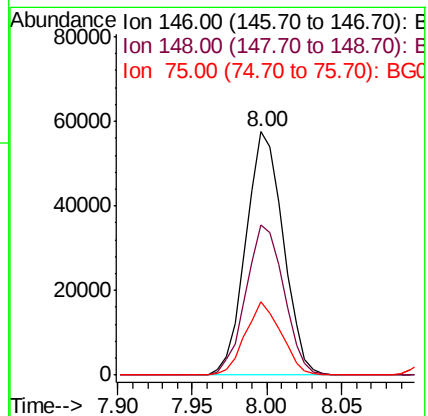
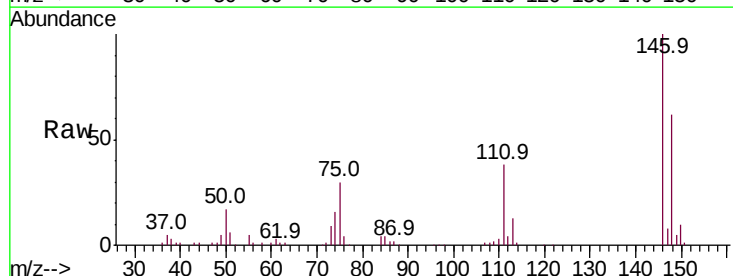
Tgt Ion: 146 Resp: 99214

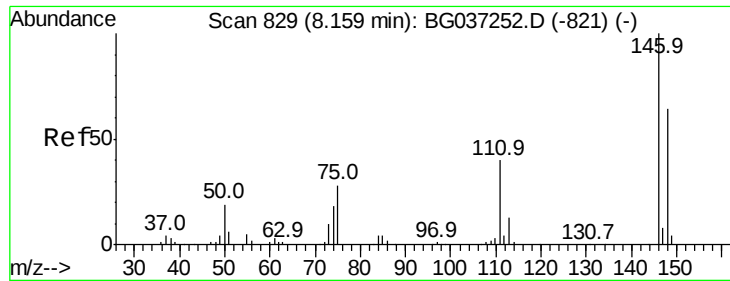
Ion Ratio Lower Upper

146 100

148 61.9 49.8 74.8

75 30.4 23.2 34.8

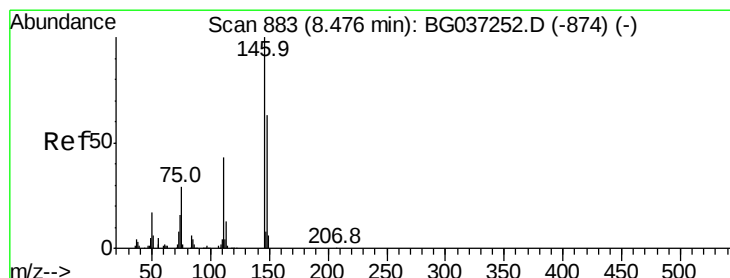
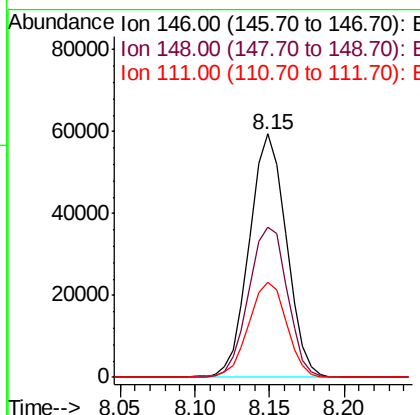
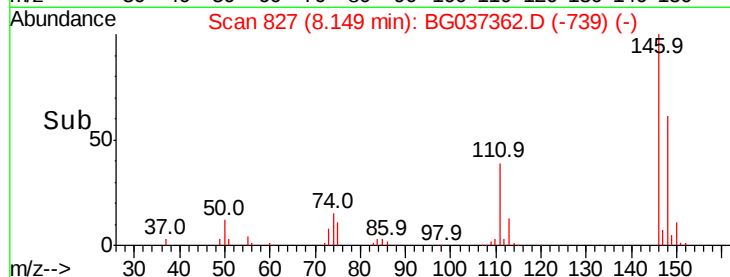
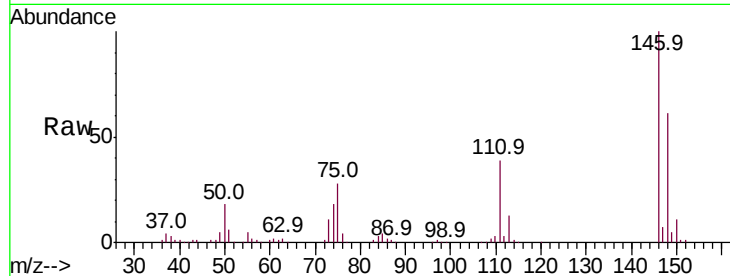




#13
 1,4-Dichlorobenzene
 Concen: 22.382 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

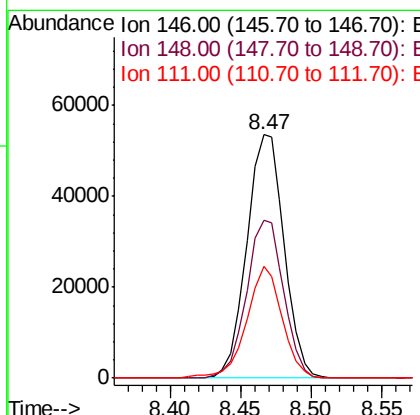
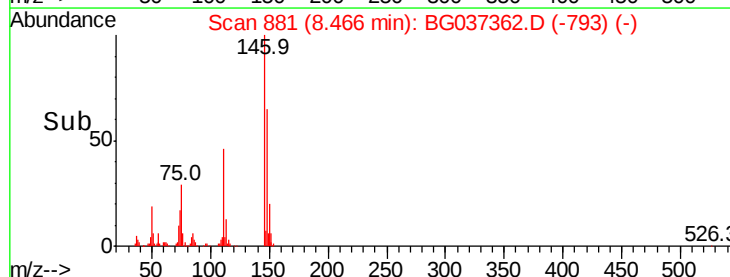
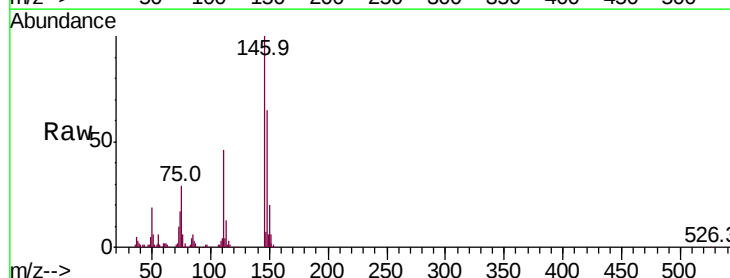
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1011-S-DH-31MS

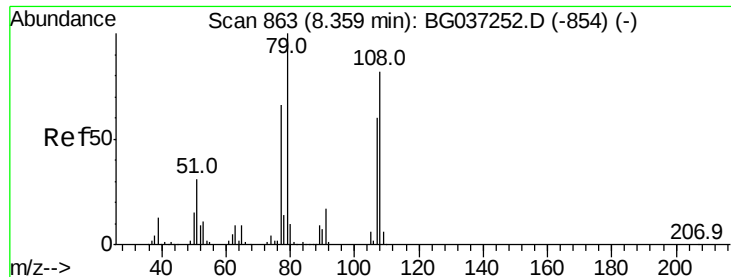
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.0	76.6
111	39.1	32.4	48.6



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

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





#15

Benzyl Alcohol

Concen: 23.255 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

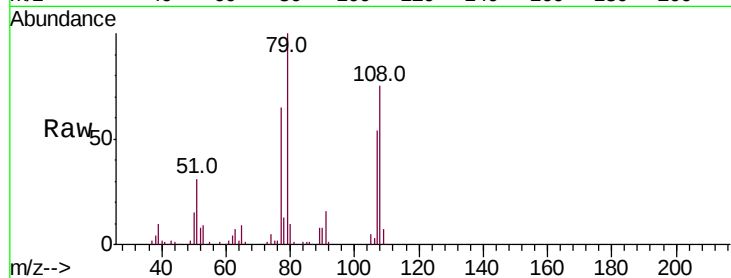
Tot Ion: 79 Resp: 90526

Ion Ratio Lower Upper

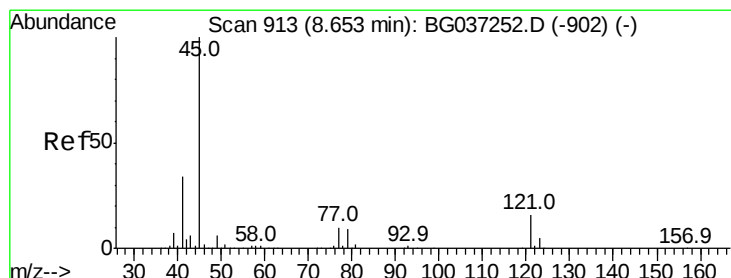
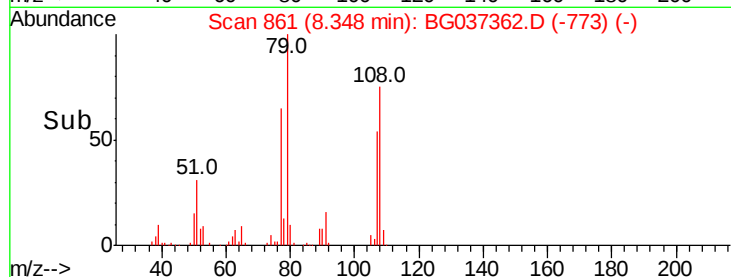
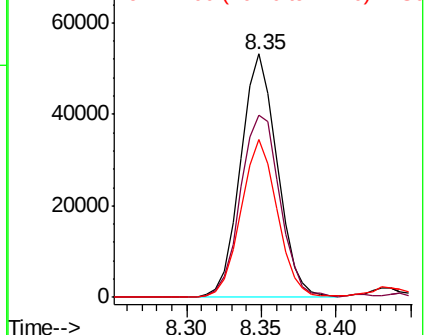
79 100

108 74.6 65.8 98.8

77 65.1 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.142 ng

RT: 8.64 min Scan# 910

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

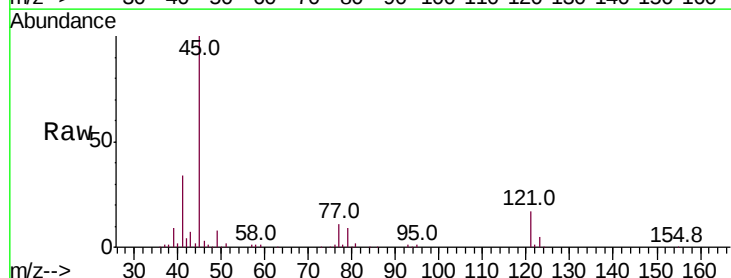
Tgt Ion: 45 Resp: 170507

Ion Ratio Lower Upper

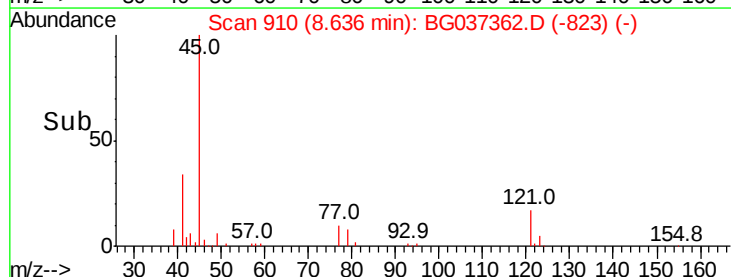
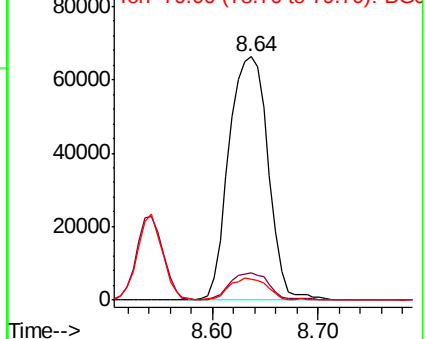
45 100

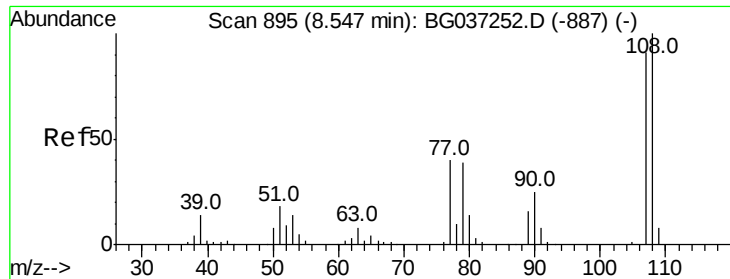
77 11.1 0.0 30.0

79 8.6 0.0 29.0



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

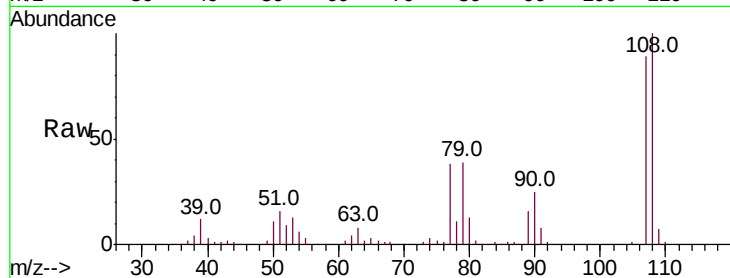




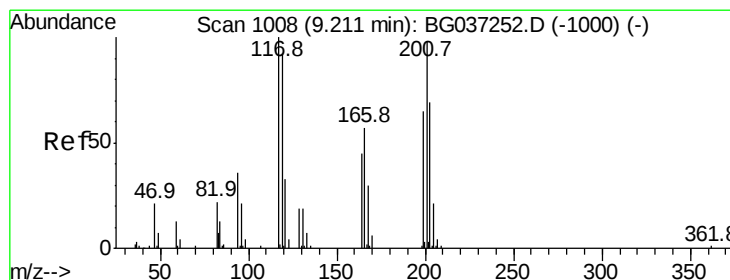
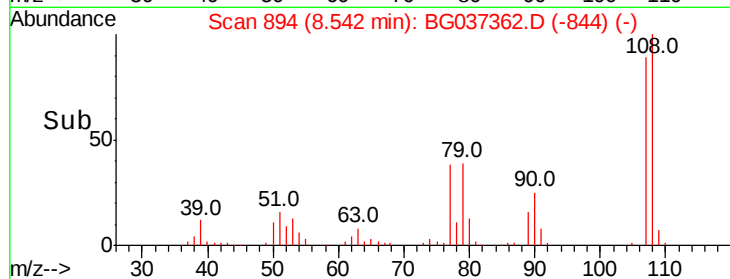
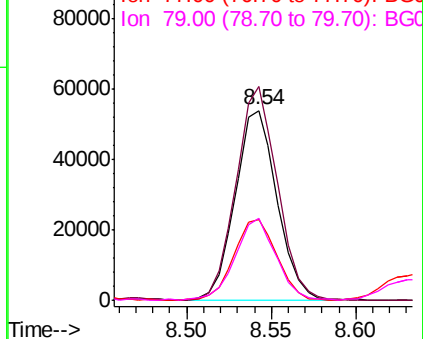
#17
2-Methylphenol
Concen: 26.369 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

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

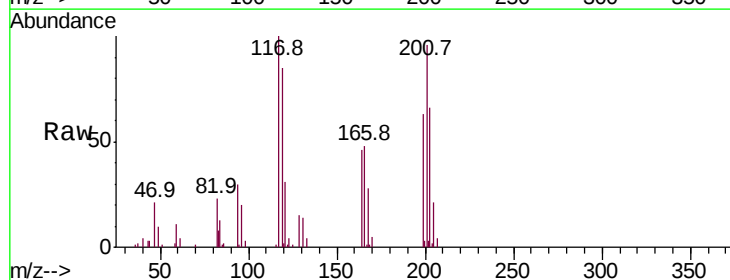


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

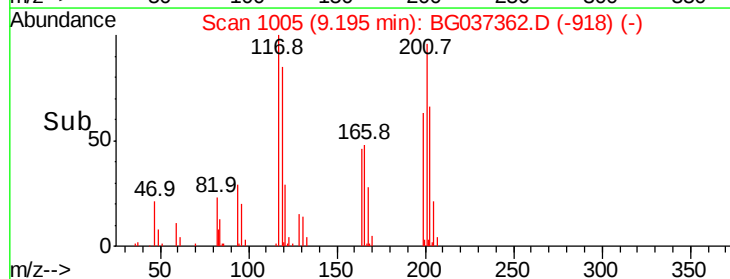
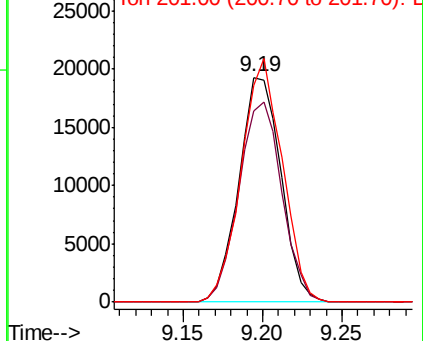


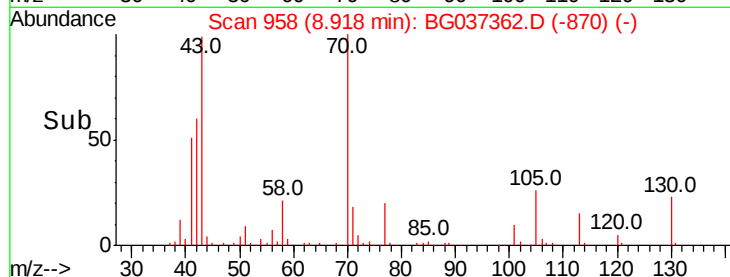
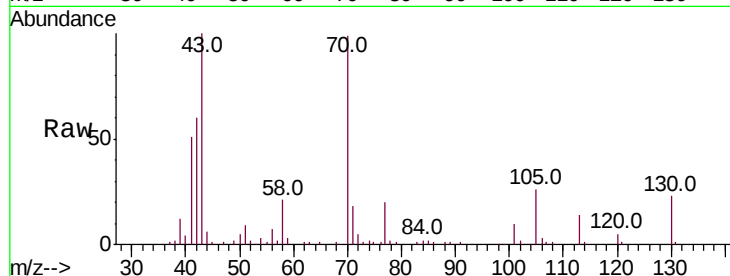
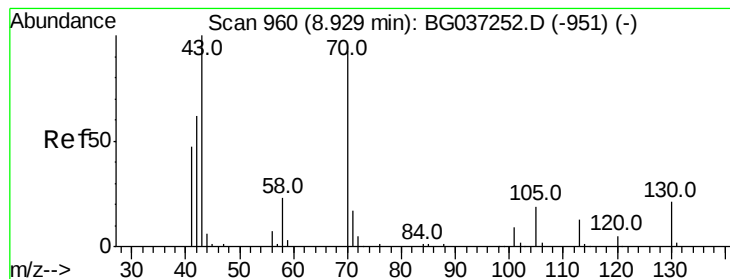
#18
Hexachloroethane
Concen: 22.747 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:	117	Resp:	35459
Ion	Ratio	Lower	Upper
117	100		
119	85.1	74.6	111.8
201	99.4	80.8	121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 20.922 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

Tot Ion: 70 Resp: 78829

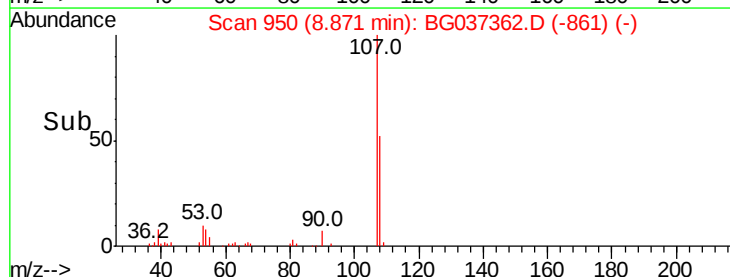
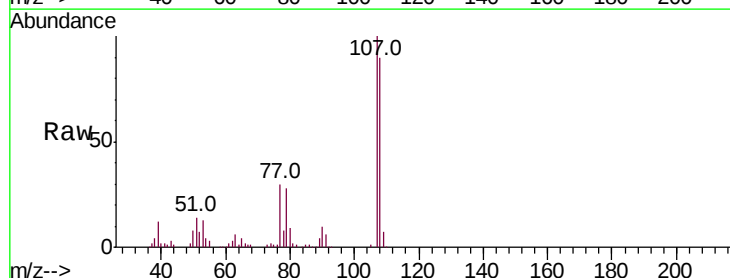
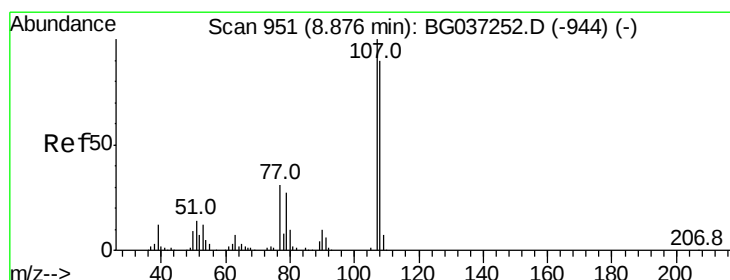
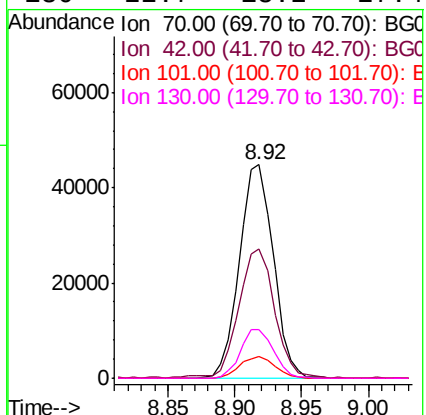
Ion Ratio Lower Upper

70 100

42 60.4 53.9 80.9

101 10.3 8.2 12.2

130 22.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 26.105 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.00 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Tgt Ion: 107 Resp: 128130

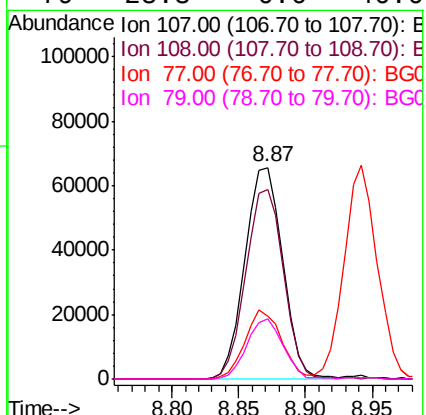
Ion Ratio Lower Upper

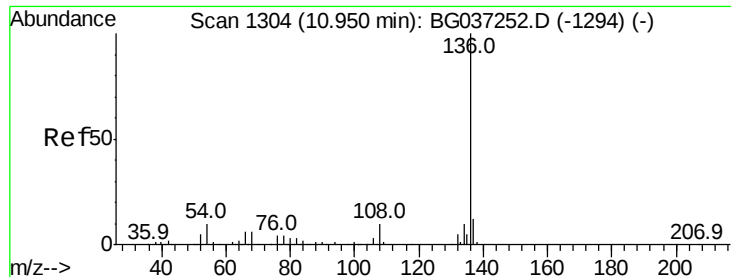
107 100

108 89.6 69.9 109.9

77 29.6 11.2 51.2

79 28.3 6.6 46.6

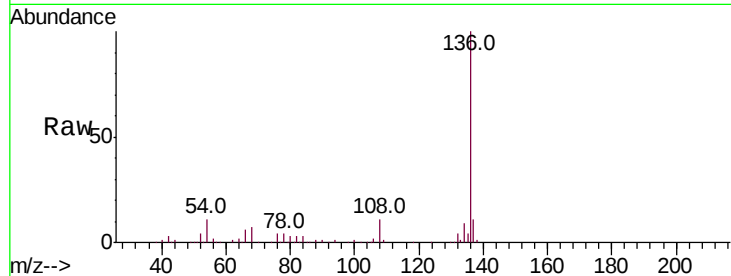




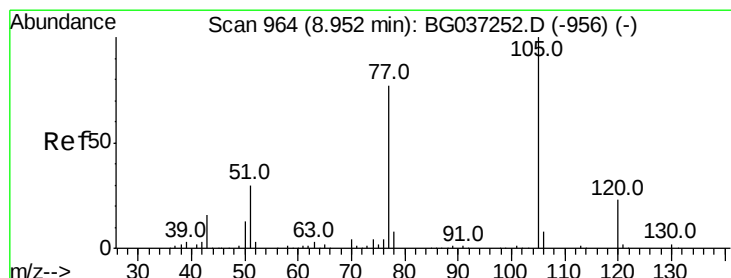
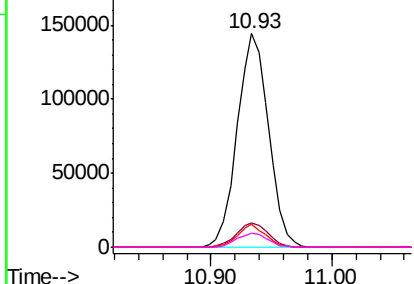
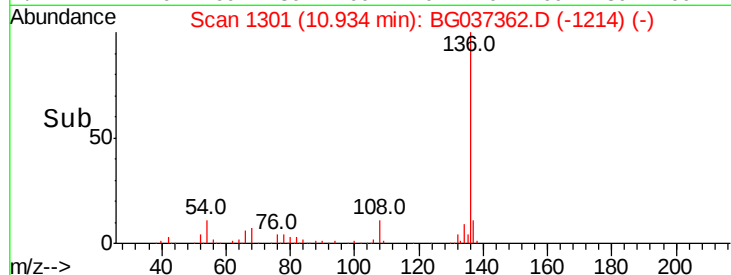
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

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

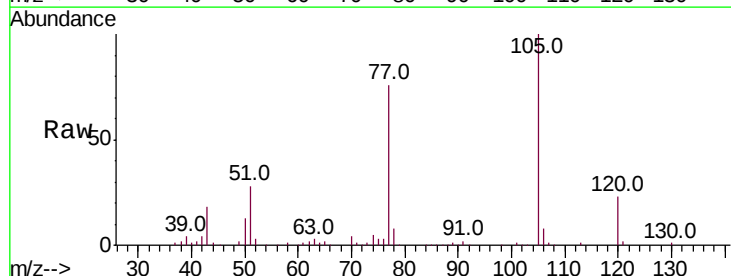


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

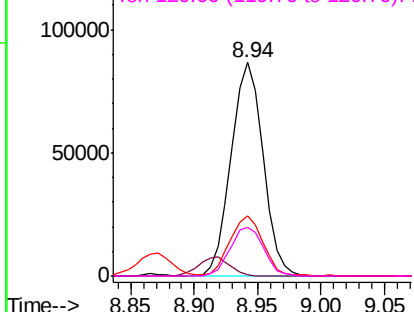
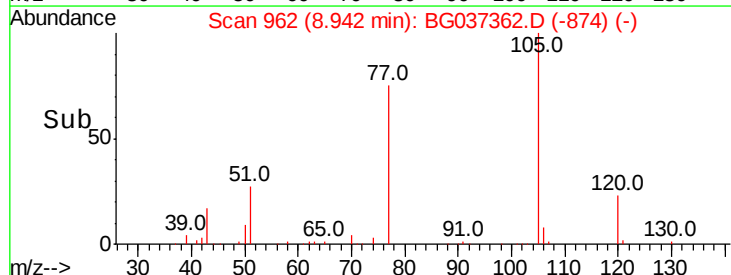


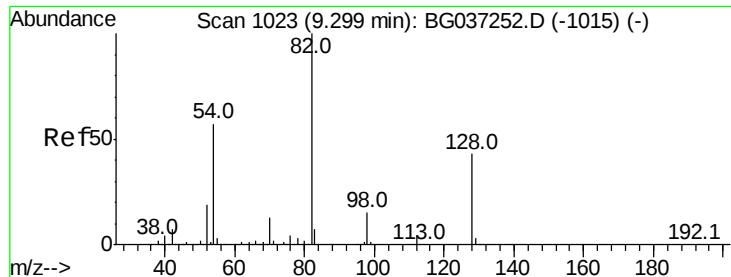
#22
Acetophenone
Concen: 23.141 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

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



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

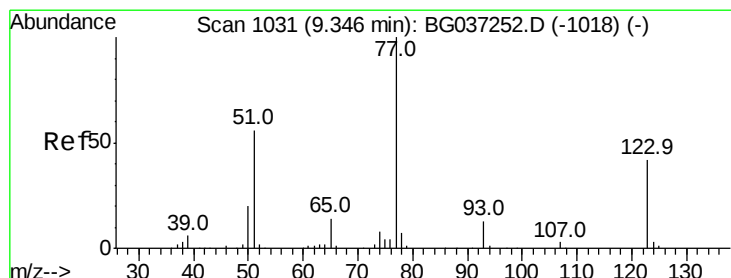
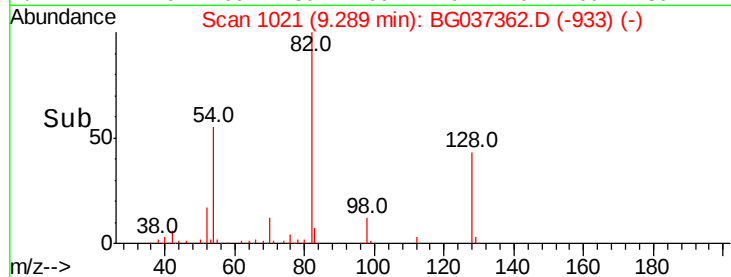
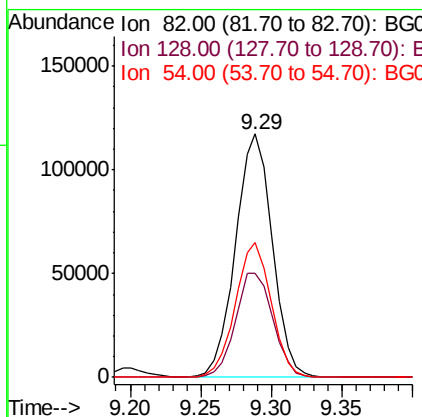
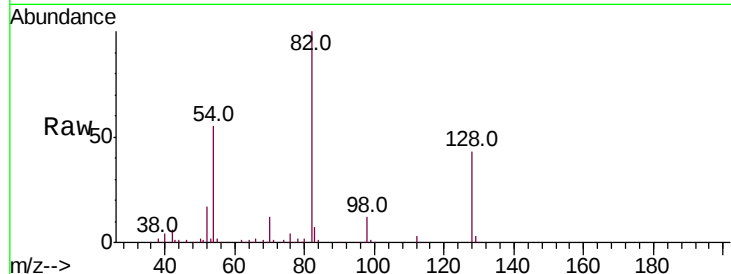




#23
Nitrobenzene-d5
Concen: 54.063 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

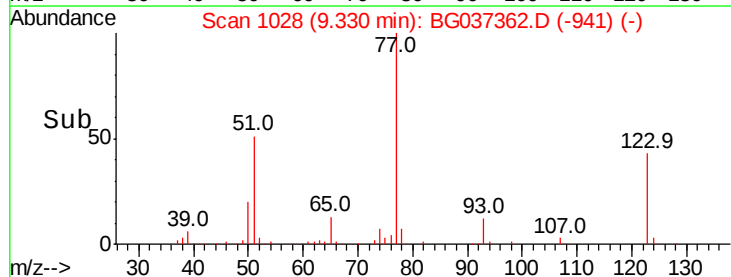
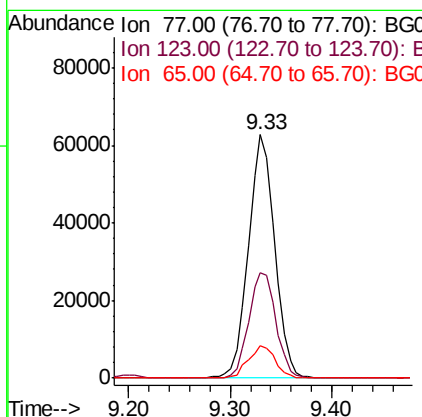
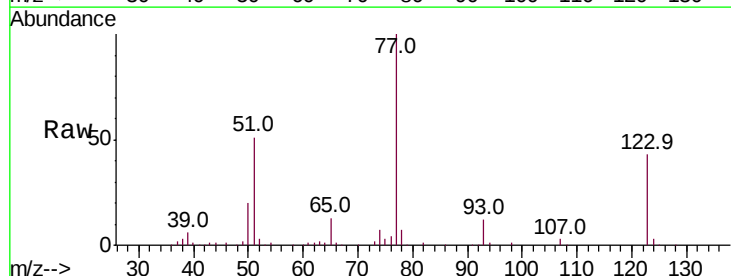
Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

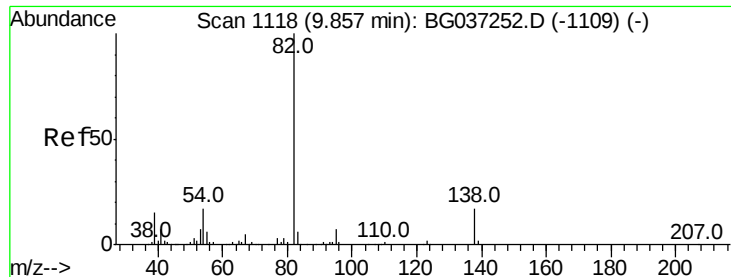
Tot Ion	82	Resp	213828
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.6	51.8
54	55.2	45.3	67.9



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

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





#25

Isophorone

Concen: 25.130 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

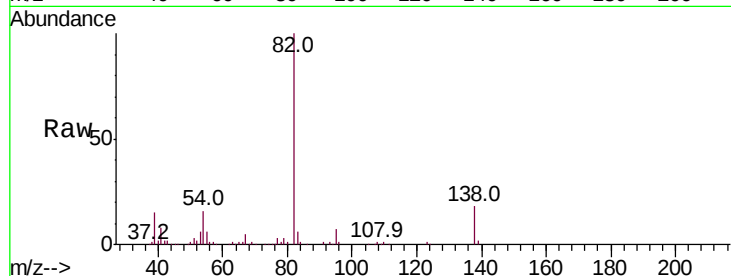
Tot Ion: 82 Resp: 226896

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

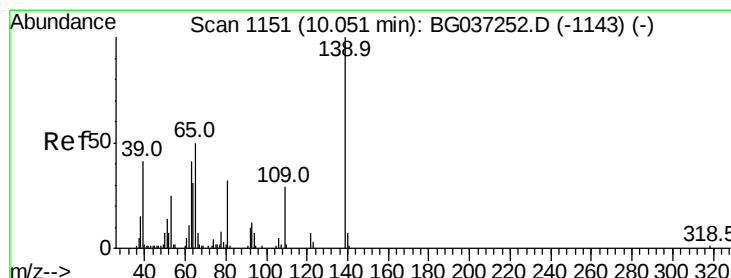
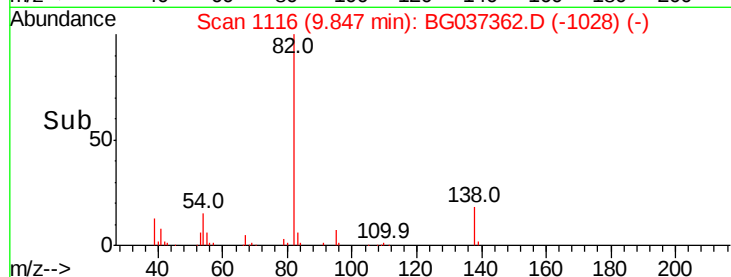
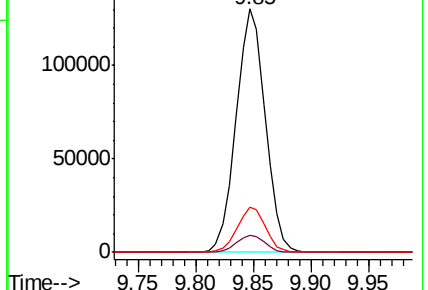
138 18.4 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 32.498 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

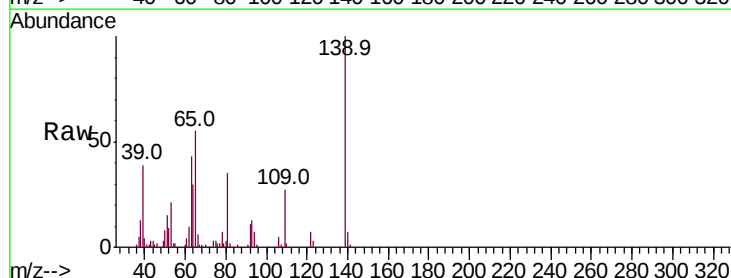
Tgt Ion: 139 Resp: 45860

Ion Ratio Lower Upper

139 100

109 26.6 23.3 34.9

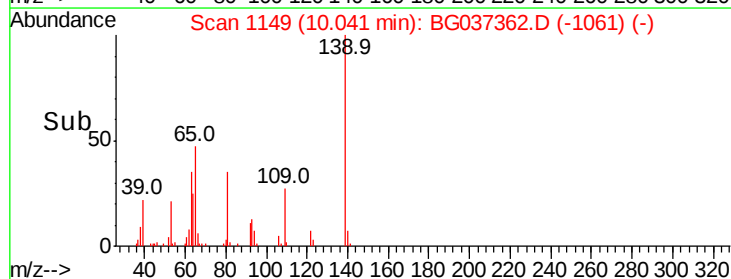
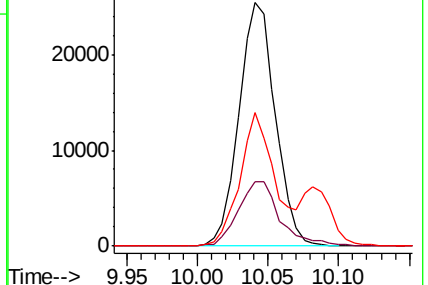
65 54.6 39.8 59.8

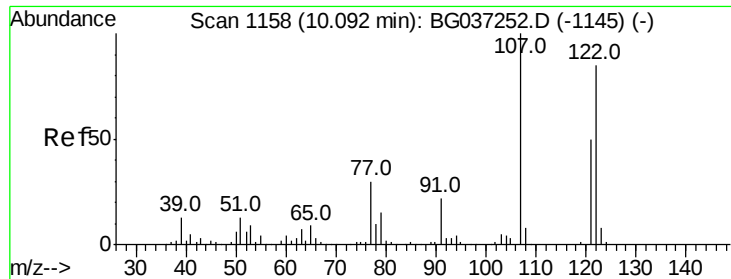


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

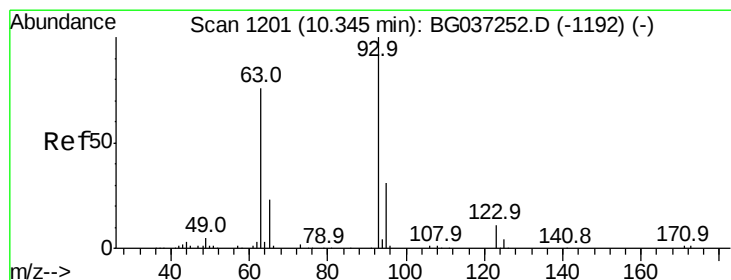
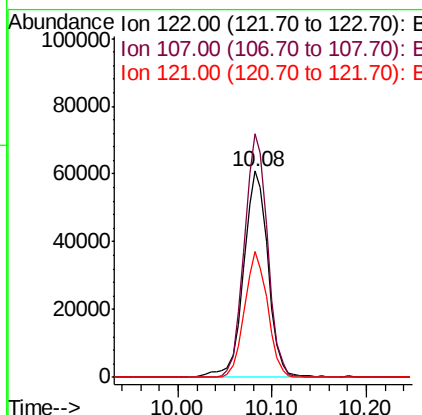
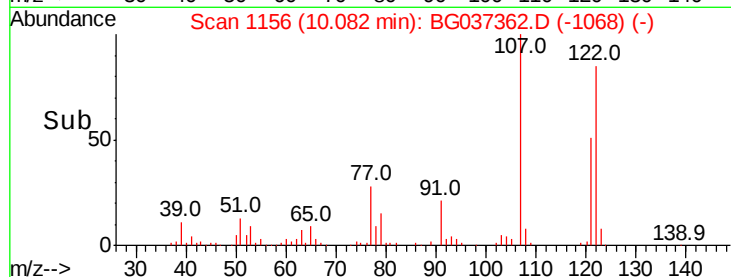
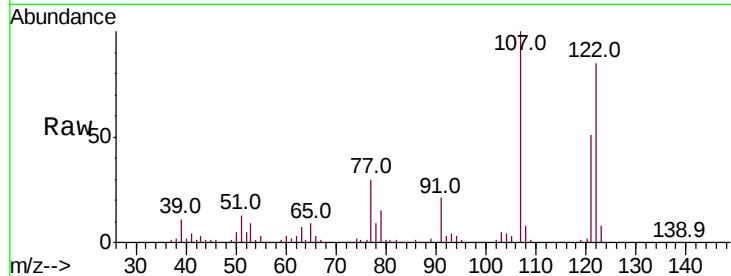




#27
 2,4-Dimethylphenol
 Concen: 28.991 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

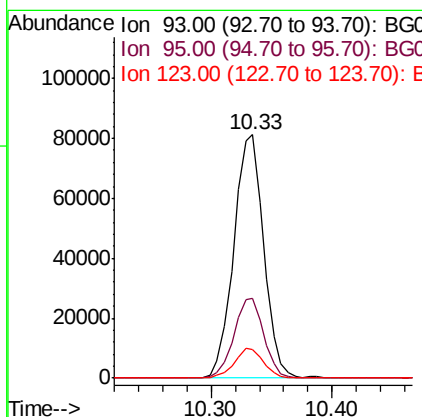
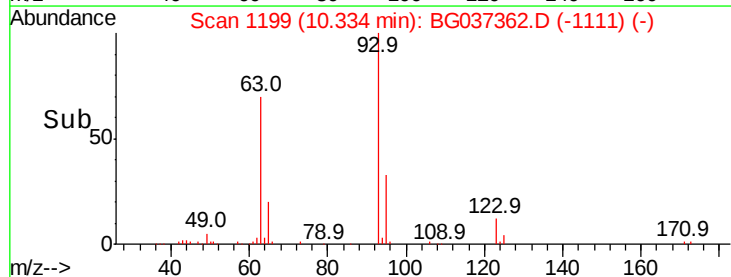
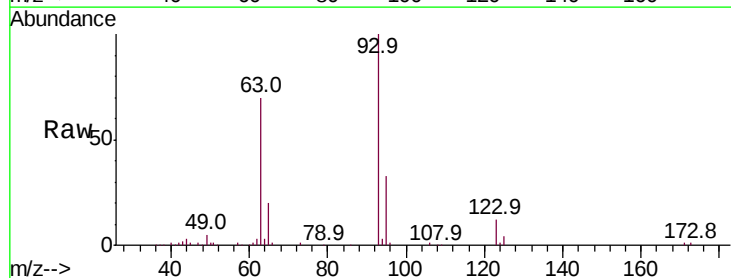
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1011-S-DH-31MS

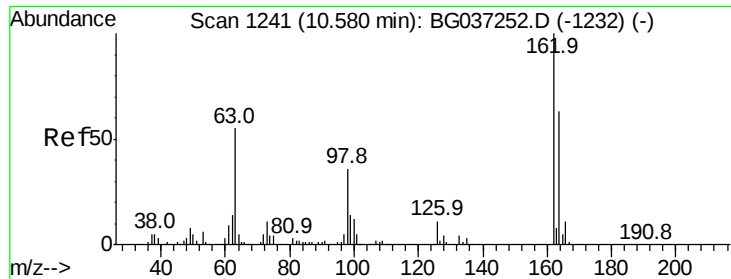
Tot Ion:122 Resp: 109410
 Ion Ratio Lower Upper
 122 100
 107 118.0 94.2 141.2
 121 60.7 47.3 70.9



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

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

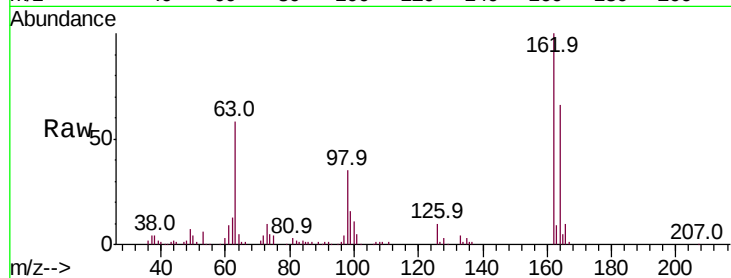




#29
2,4-Dichlorophenol
Concen: 27.841 ng
RT: 10.57 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

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

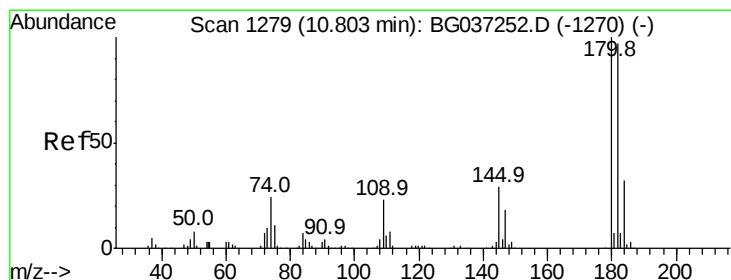
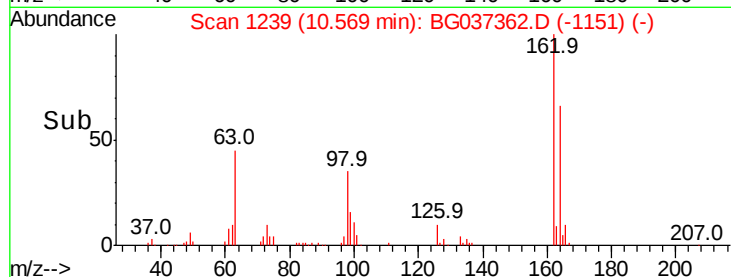
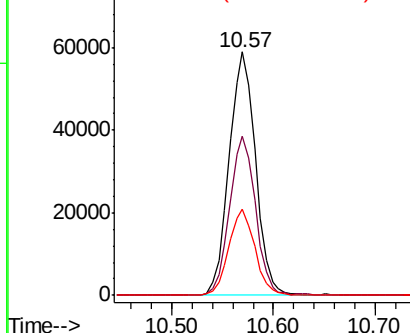


Abundance

Ion 162.00 (161.70 to 162.70): E

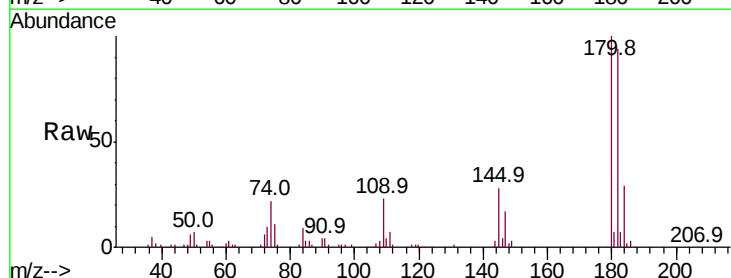
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



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

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

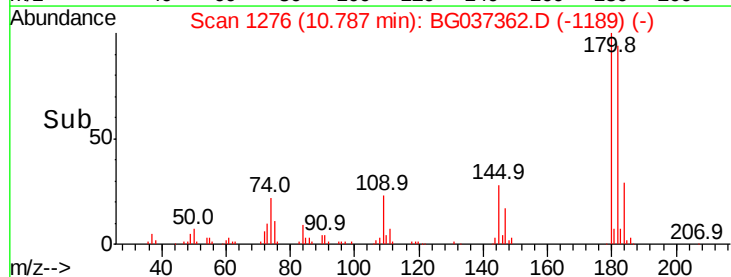
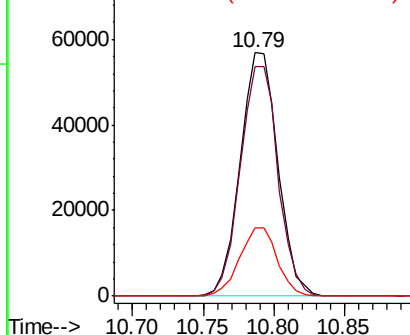


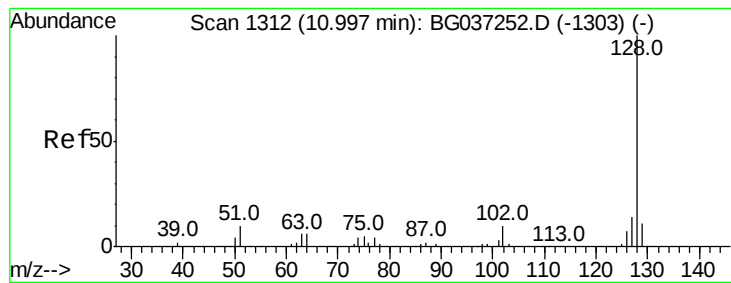
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.259 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

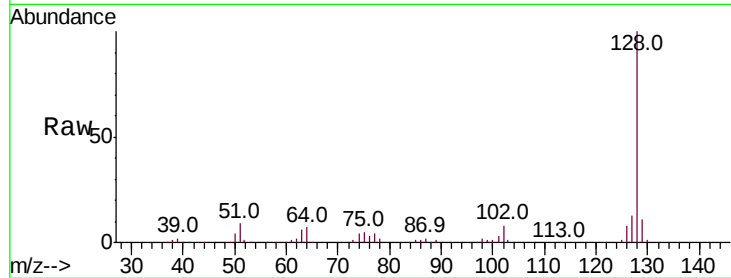
Tot Ion:128 Resp: 319208

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

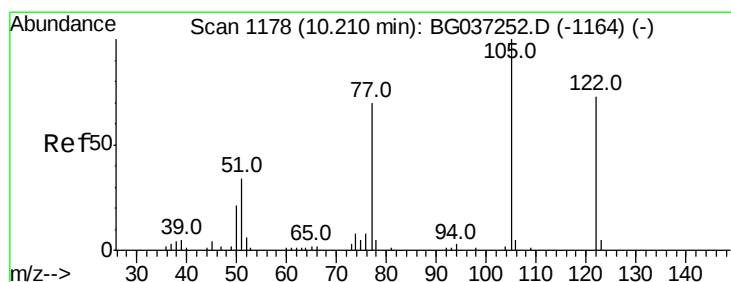
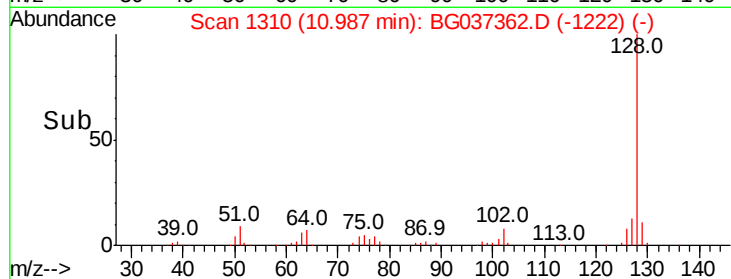
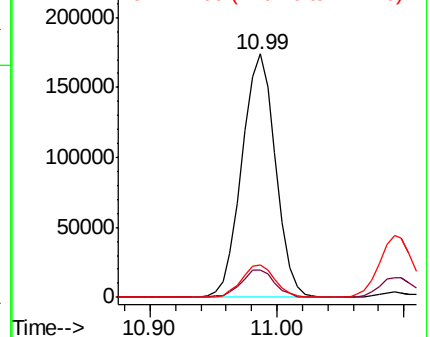
127 13.5 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.503 ng

RT: 10.08 min Scan# 1156

Delta R.T. -0.13 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

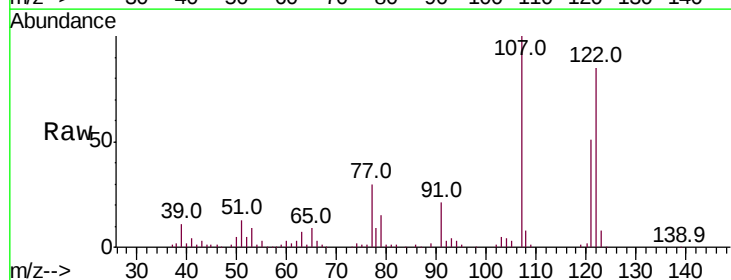
Tgt Ion:122 Resp: 109410

Ion Ratio Lower Upper

122 100

105 3.3 106.7 146.7#

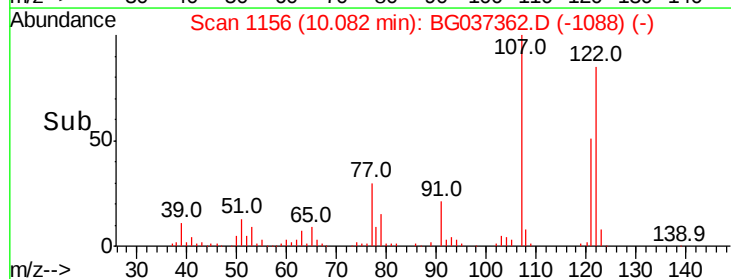
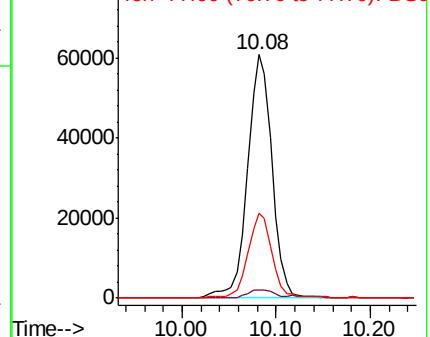
77 35.1 72.2 112.2#

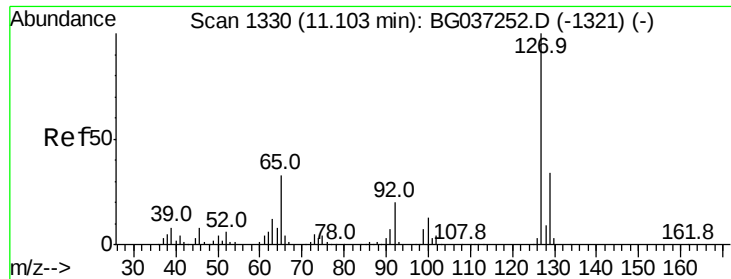


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

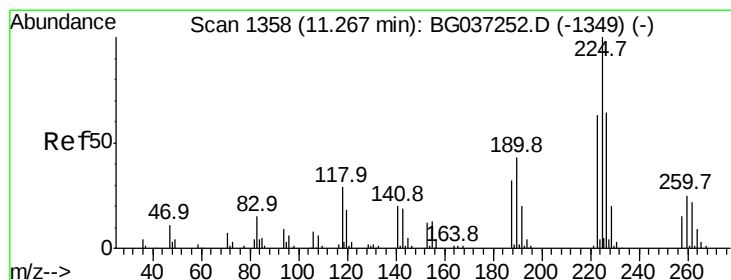
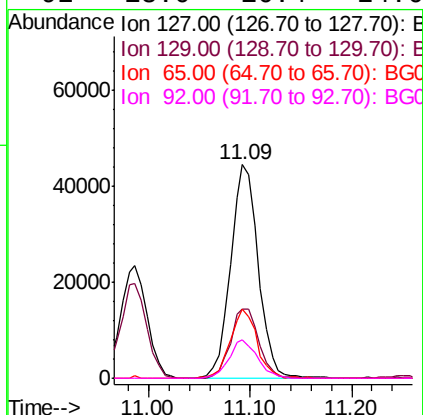
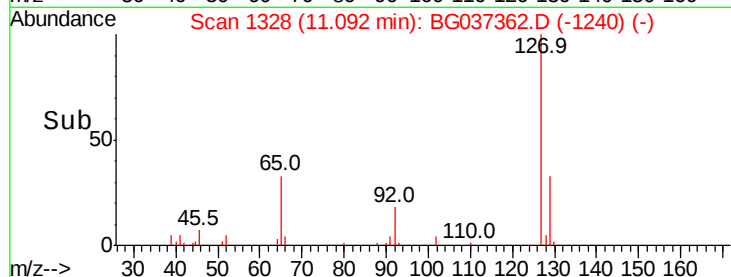
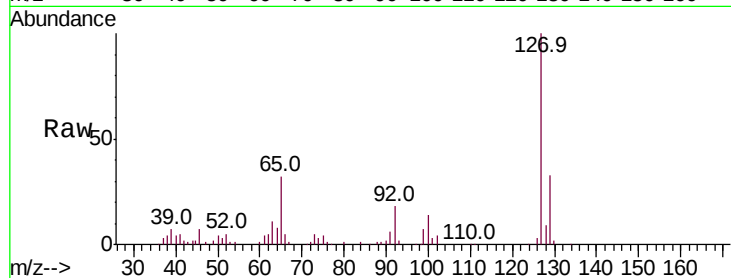




#33
4-Chloroaniline
Concen: 14.152 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

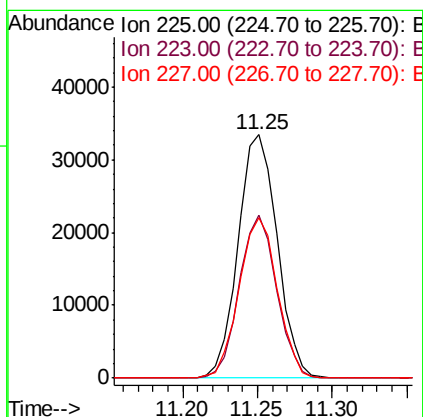
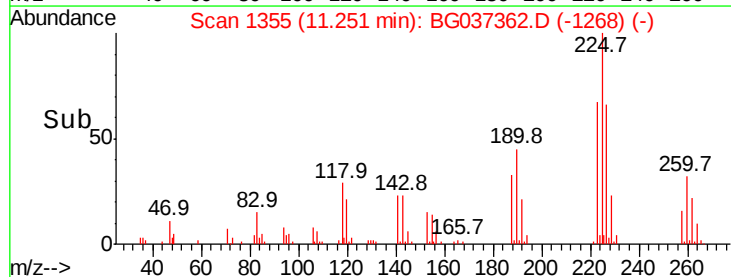
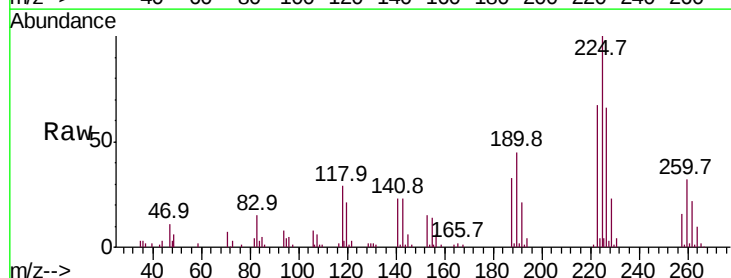
Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

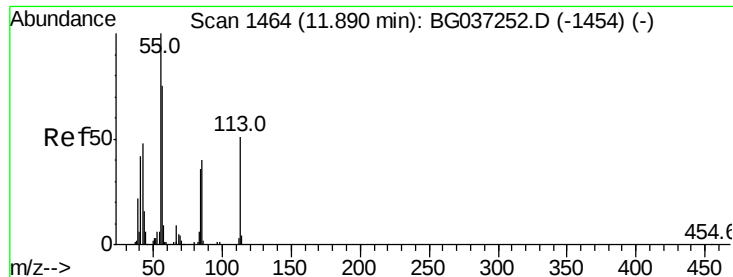
Tot Ion:	127	Resp:	83895
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.1	40.7
65	32.5	26.6	39.8
92	18.0	16.4	24.6



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

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





#35

Caprolactam

Concen: 21.668 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.03 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

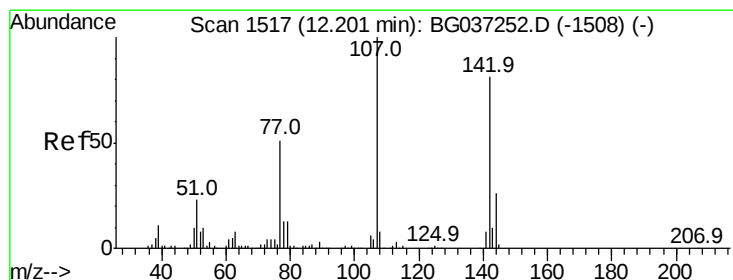
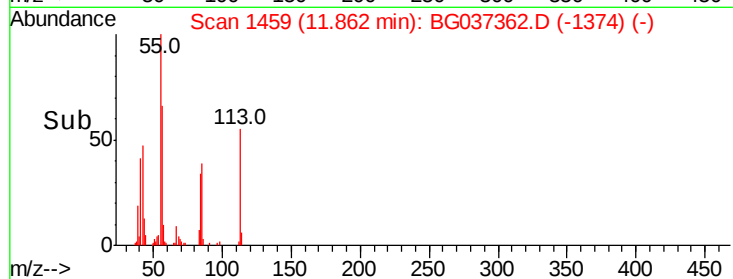
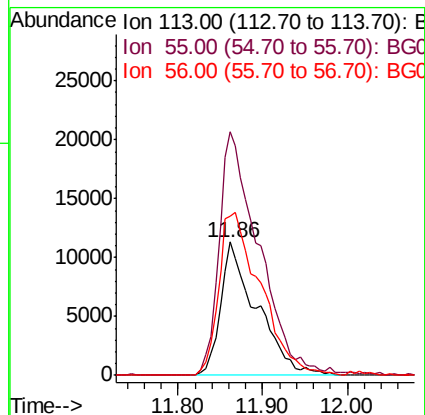
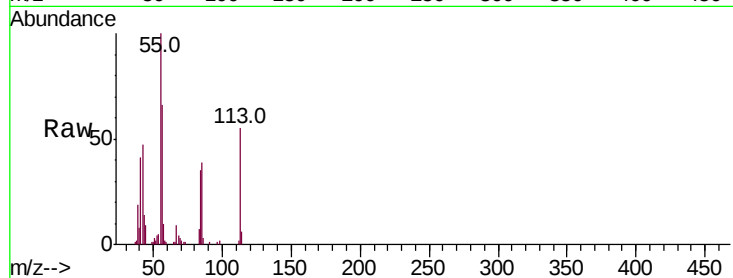
Tot Ion:113 Resp: 33840

Ion Ratio Lower Upper

113 100

55 182.4 176.6 216.6

56 119.6 128.3 168.3#



#36

4-Chloro-3-methylphenol

Concen: 26.921 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

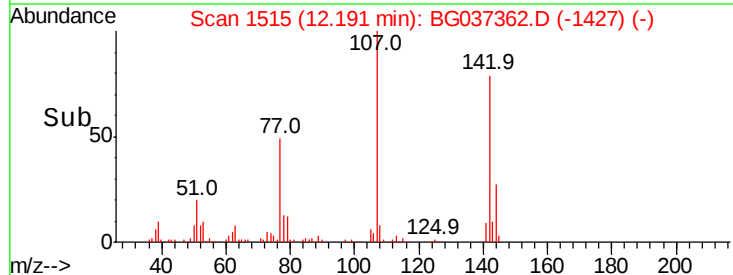
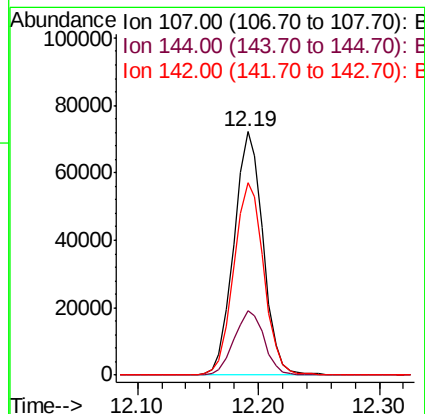
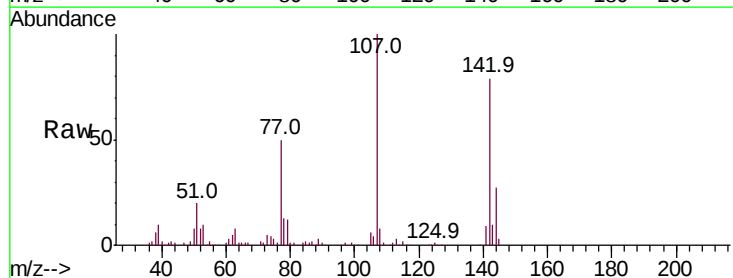
Tgt Ion:107 Resp: 121803

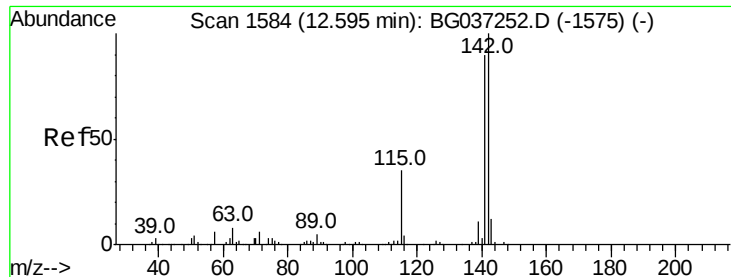
Ion Ratio Lower Upper

107 100

144 26.6 20.7 31.1

142 78.8 64.4 96.6





#37

2-Methylnaphthalene

Concen: 26.878 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.02 min

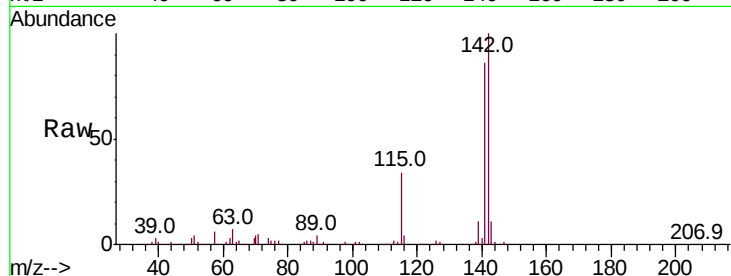
Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

Tot Ion:142 Resp: 247884

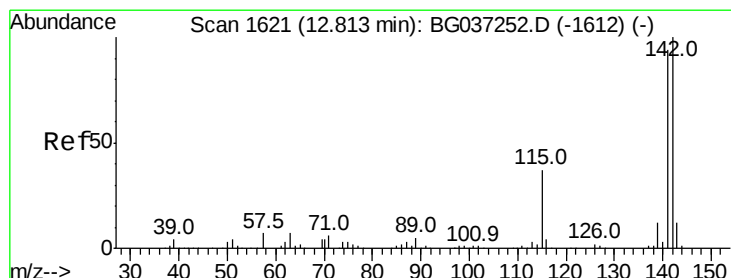
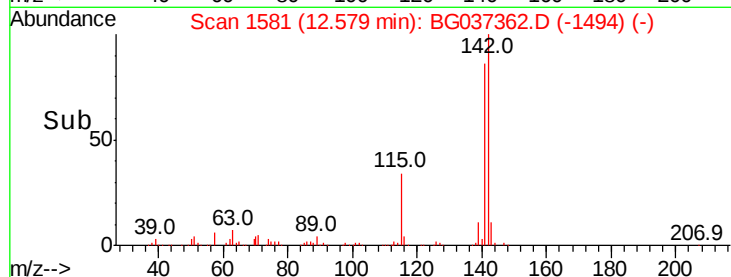
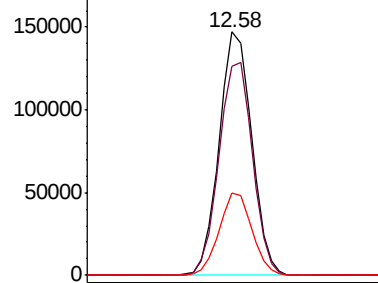
Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.9	107.9
115	33.7	27.8	41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 26.024 ng

RT: 12.80 min Scan# 1619

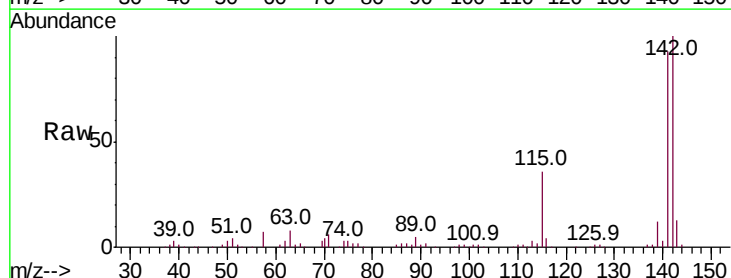
Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Tgt Ion:142 Resp: 234404

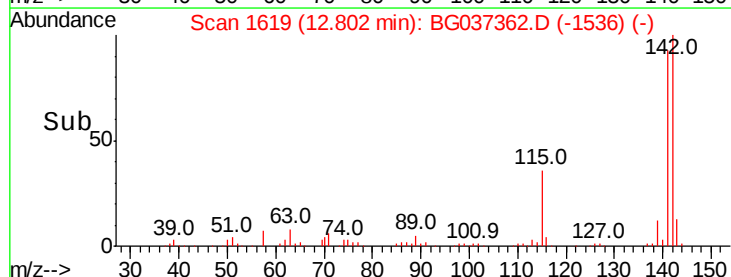
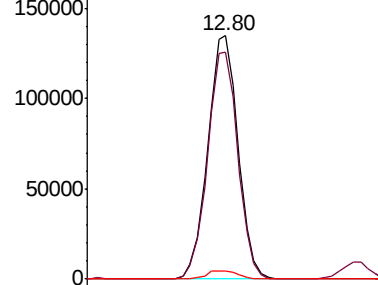
Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.2	112.8
116	3.6	3.3	4.9

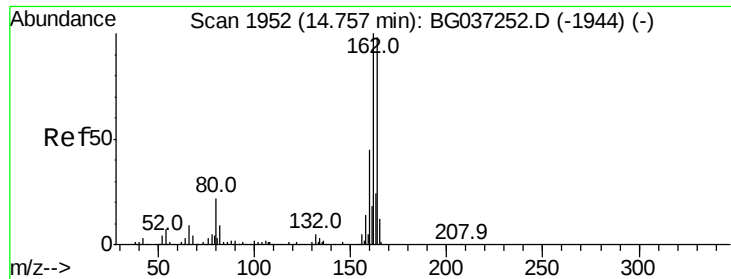


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

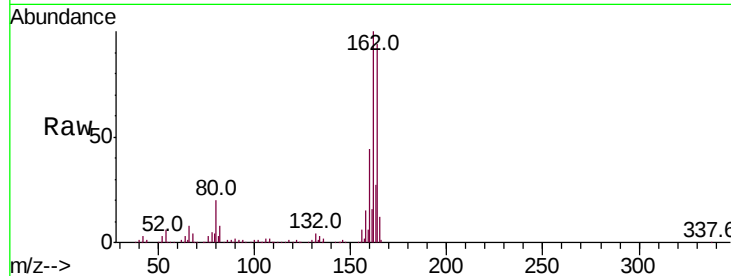
Tot Ion:164 Resp: 175905

Ion Ratio Lower Upper

164 100

162 105.8 81.3 121.9

160 47.0 36.3 54.5

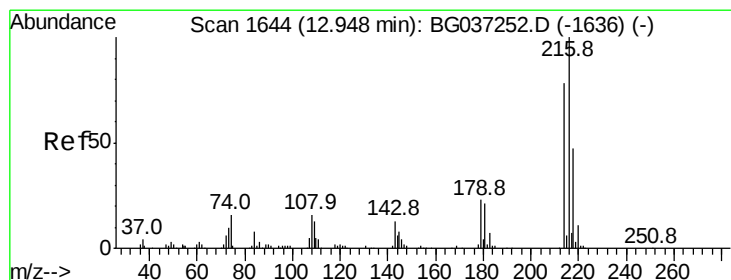
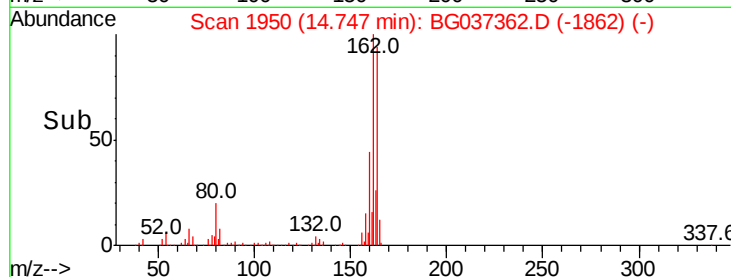
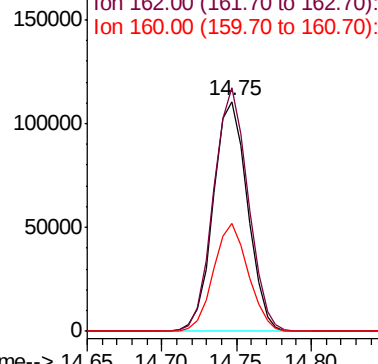


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.019 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Tgt Ion:216 Resp: 125433

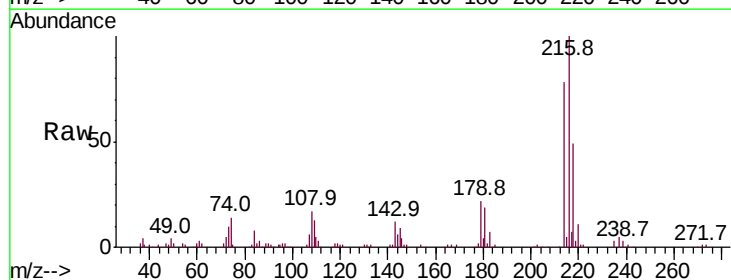
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 21.2 17.4 26.0

108 18.7 13.9 20.9



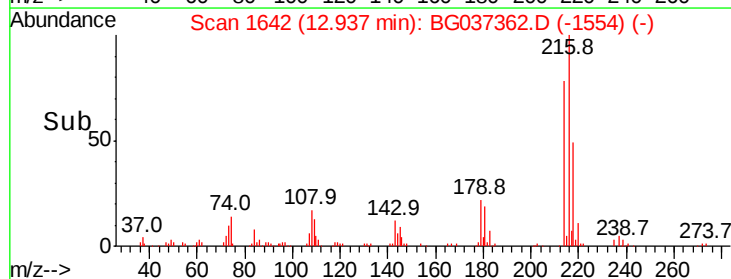
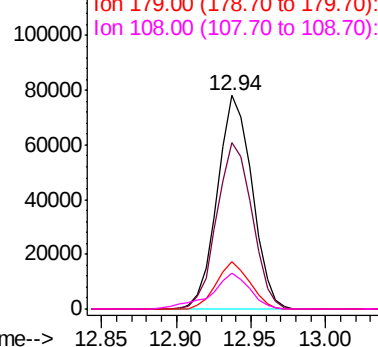
Abundance

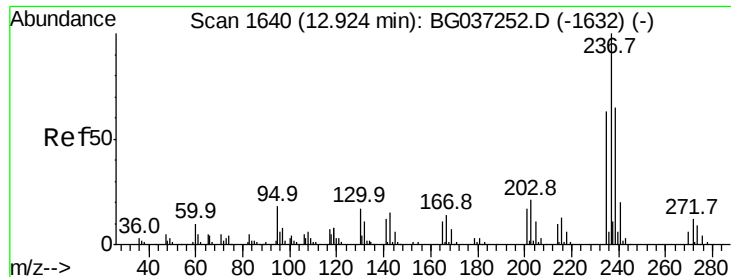
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 54.345 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

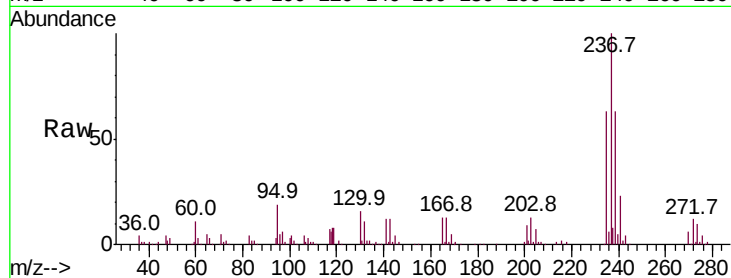
Tot Ion:237 Resp: 127625

Ion Ratio Lower Upper

237 100

235 62.9 42.5 82.5

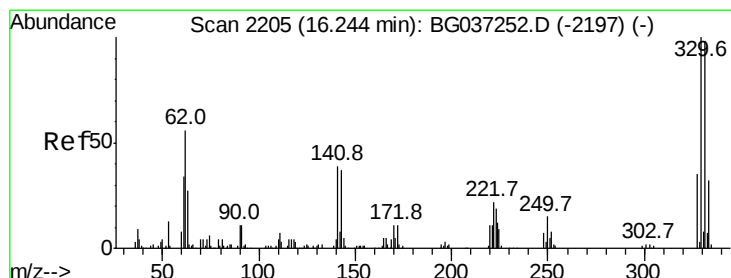
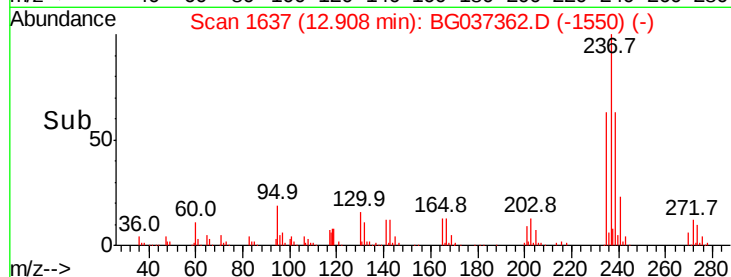
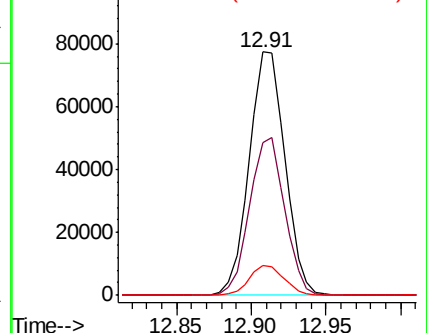
272 12.4 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.854 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

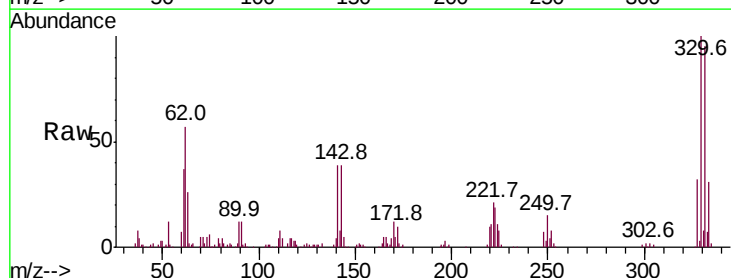
Tgt Ion:330 Resp: 142934

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

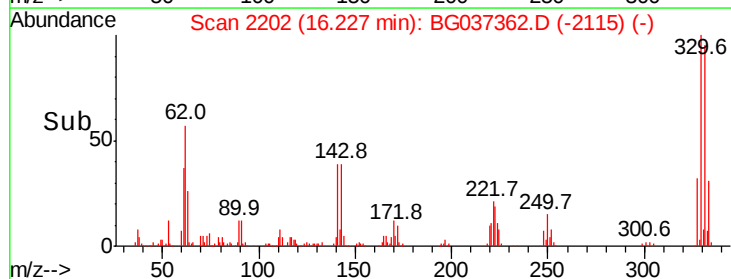
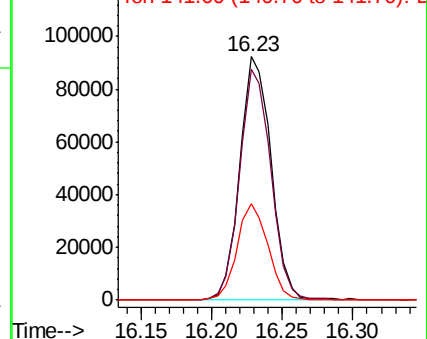
141 38.9 32.2 48.2

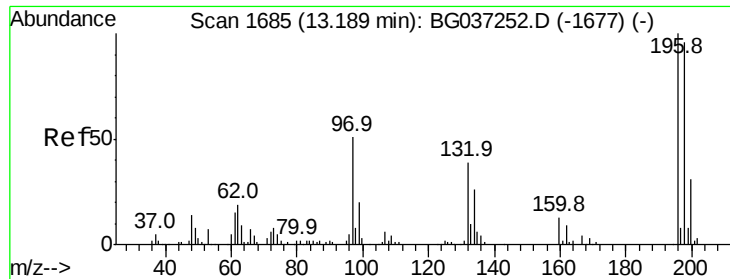


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

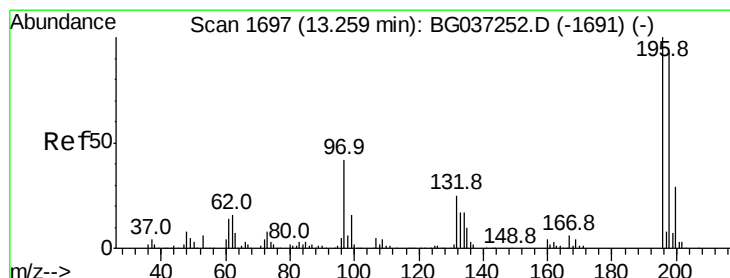
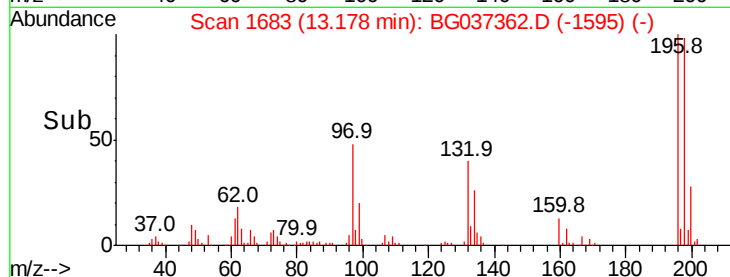
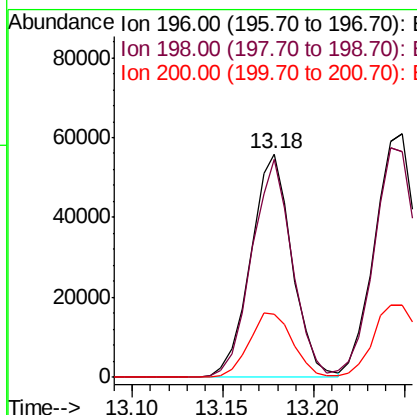
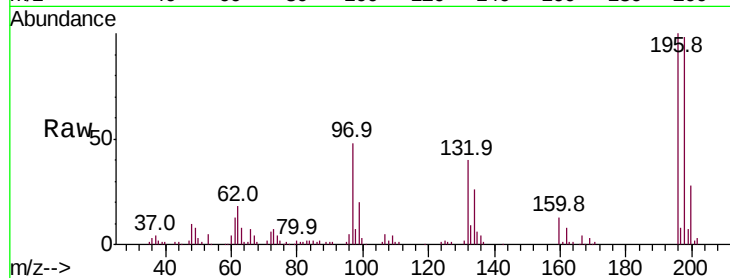




#43
 2,4,6-Trichlorophenol
 Concen: 26.936 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

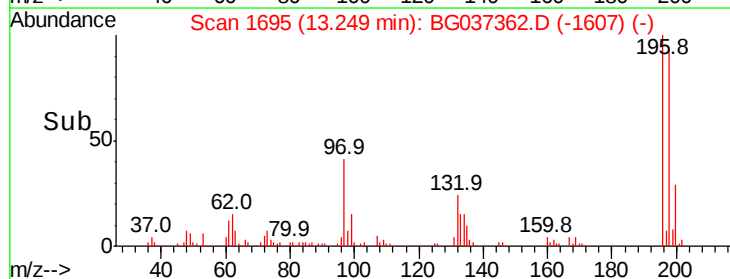
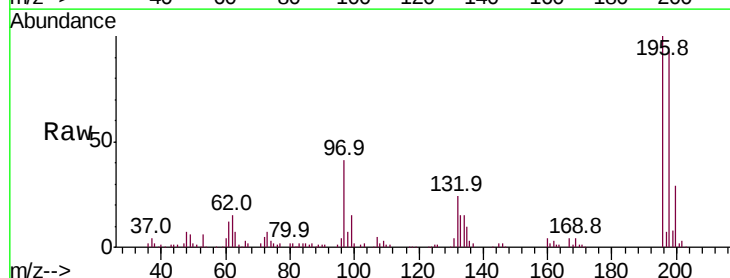
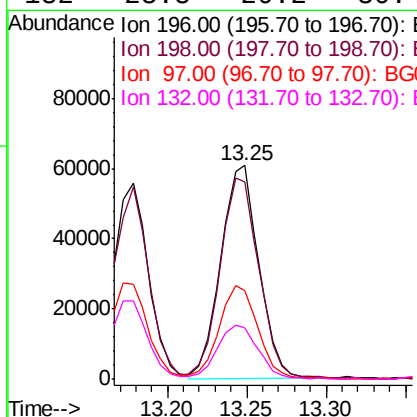
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1011-S-DH-31MS

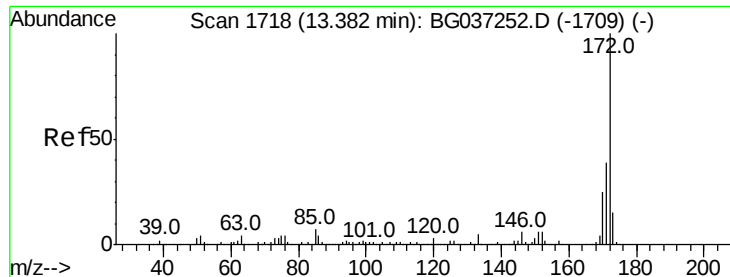
Tot Ion	196	Resp	89015
Ion Ratio	100	Lower	Upper
196	100		
198	97.9	76.4	114.6
200	28.4	24.9	37.3



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

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

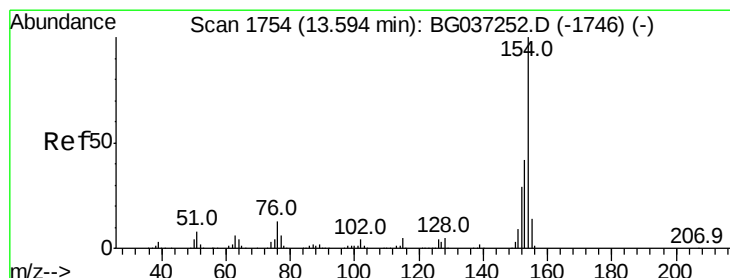
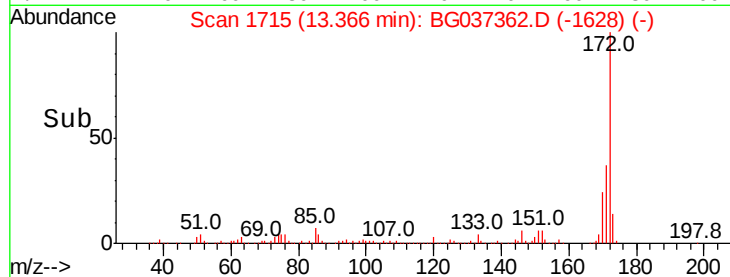
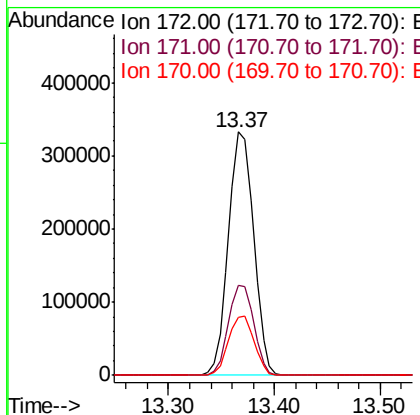
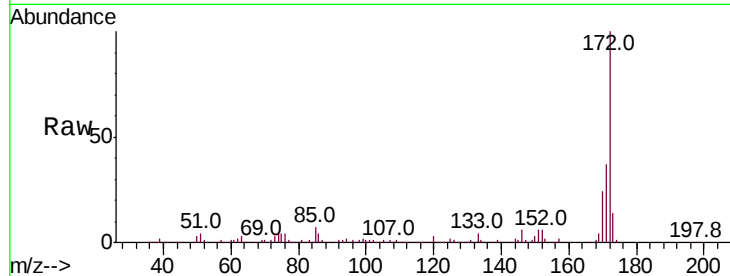




#45
2-Fluorobiphenyl
Concen: 46.947 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

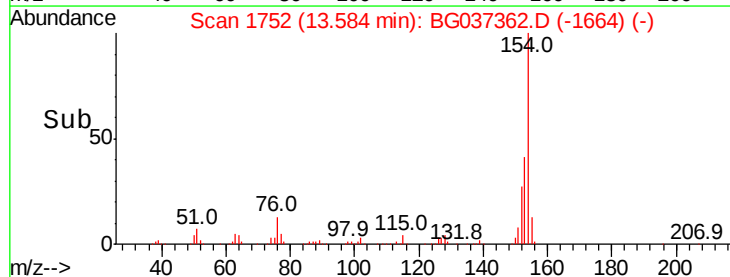
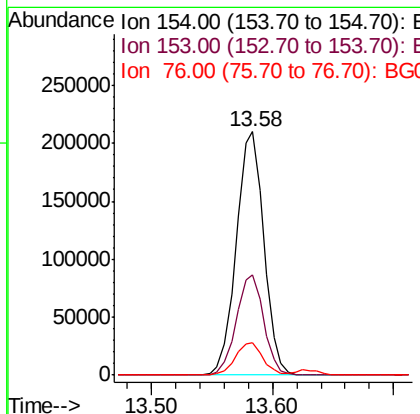
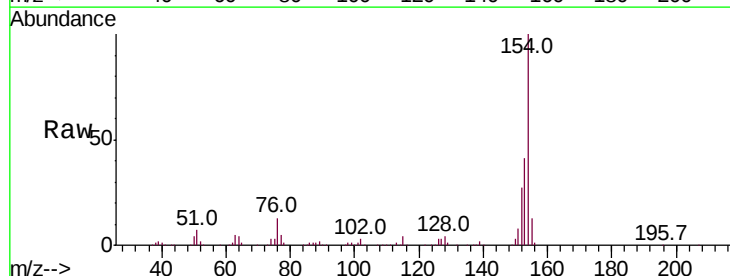
Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

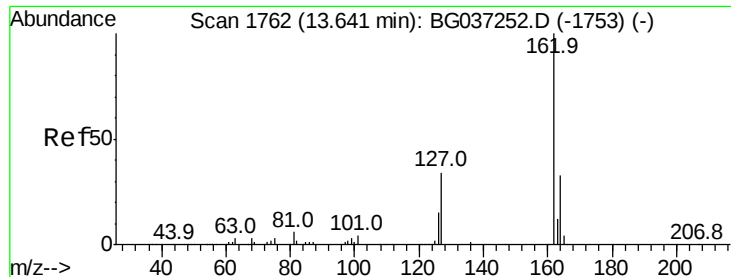
Tot Ion:172 Resp: 549902
Ion Ratio Lower Upper
172 100
171 37.0 31.0 46.4
170 23.7 20.2 30.2



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

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





#47

2-Chloronaphthalene

Concen: 23.272 ng

RT: 13.62 min Scan# 1759

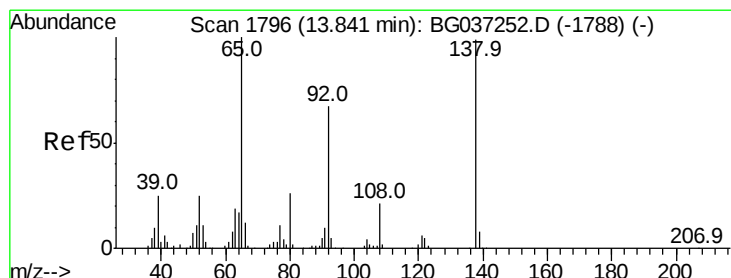
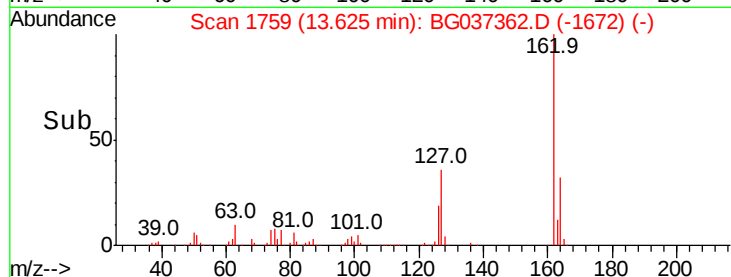
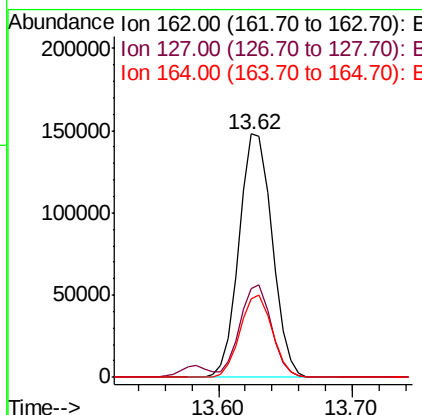
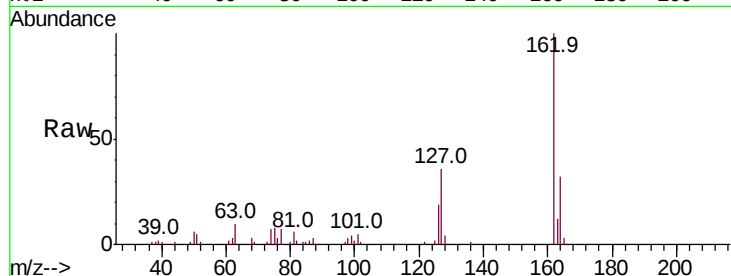
Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

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



#48

2-Nitroaniline

Concen: 28.766 ng

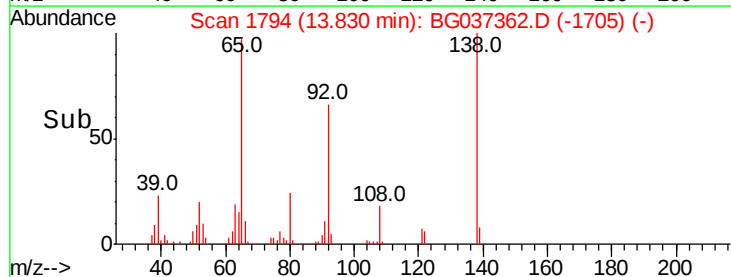
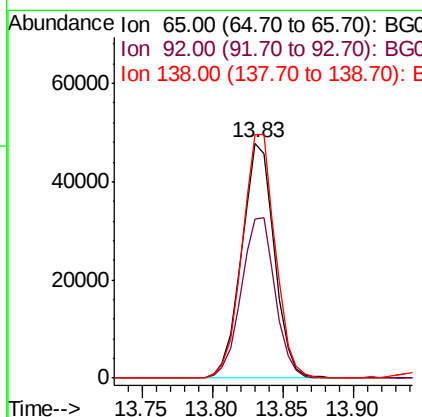
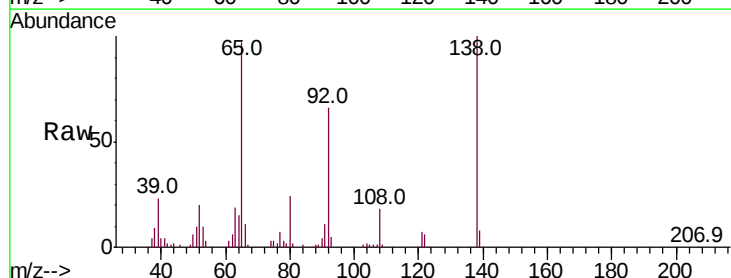
RT: 13.83 min Scan# 1794

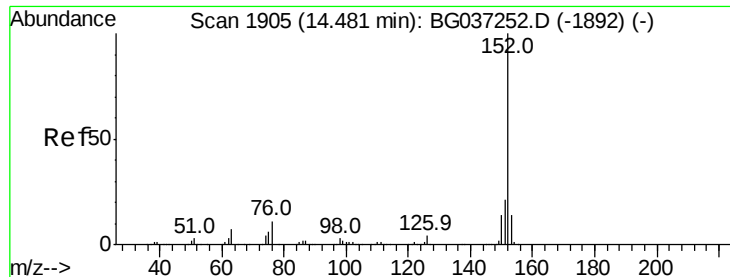
Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

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





#49

Acenaphthylene

Concen: 25.735 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

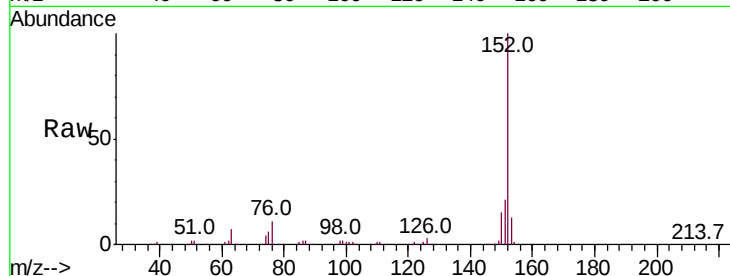
Tot Ion:152 Resp: 430294

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

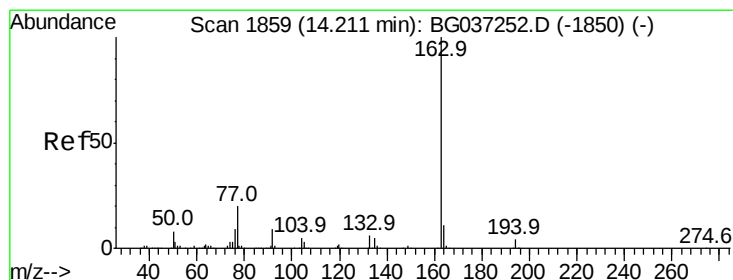
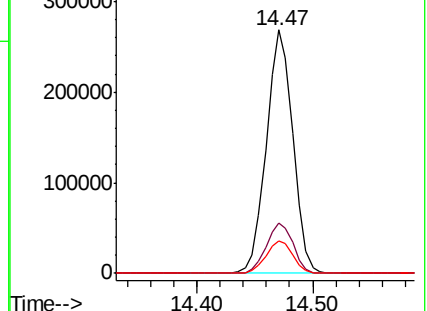
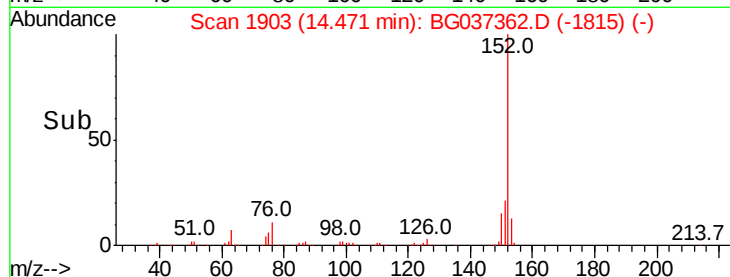
153 13.4 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 28.392 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

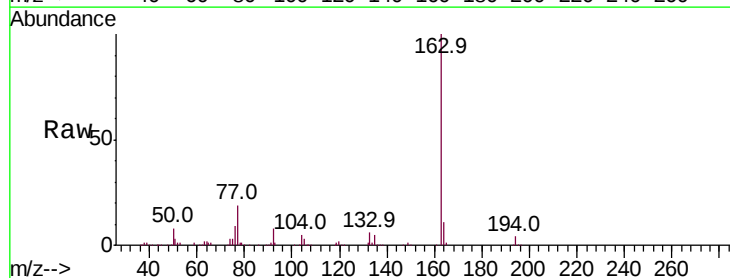
Tgt Ion:163 Resp: 392494

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

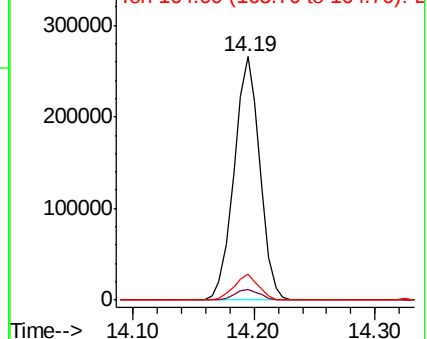
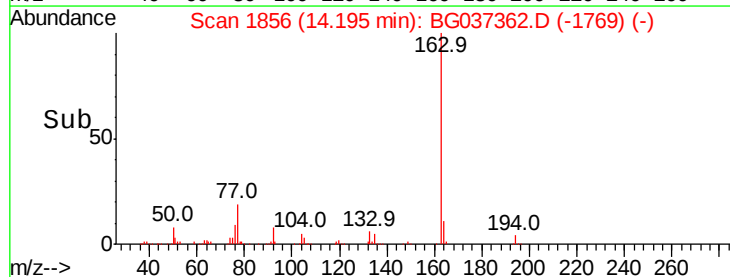
164 10.6 8.5 12.7

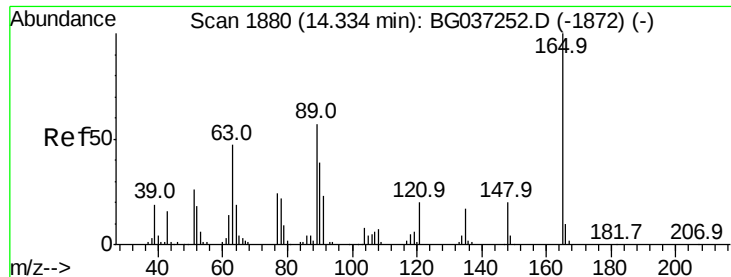


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

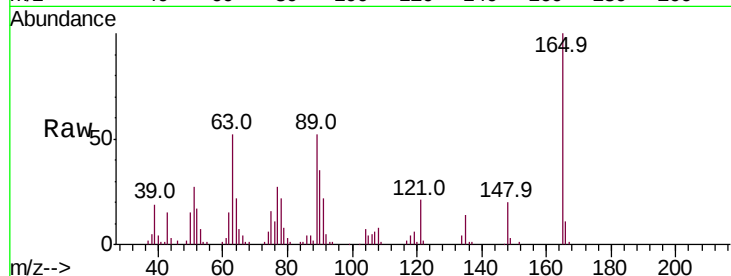




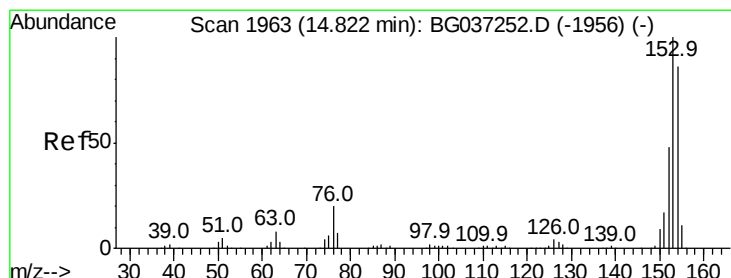
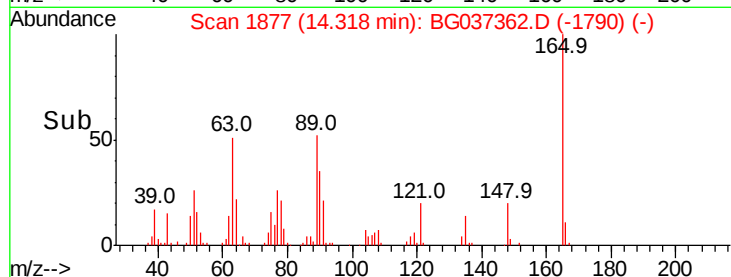
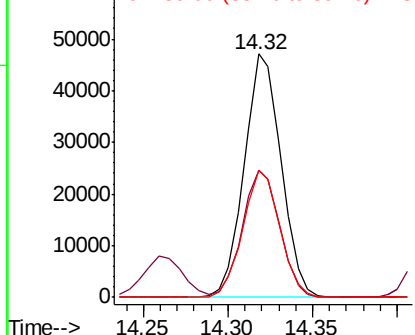
#51
2,6-Dinitrotoluene
Concen: 28.774 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

Tot Ion:165 Resp: 71513
Ion Ratio Lower Upper
165 100
63 52.0 43.4 65.2
89 52.0 45.8 68.6

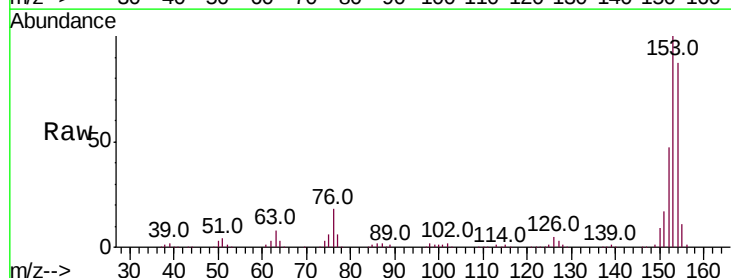


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

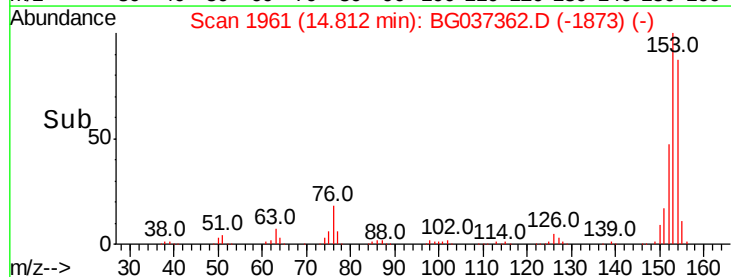
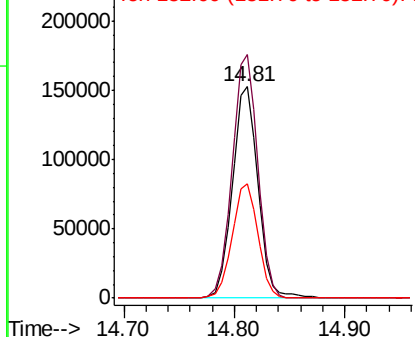


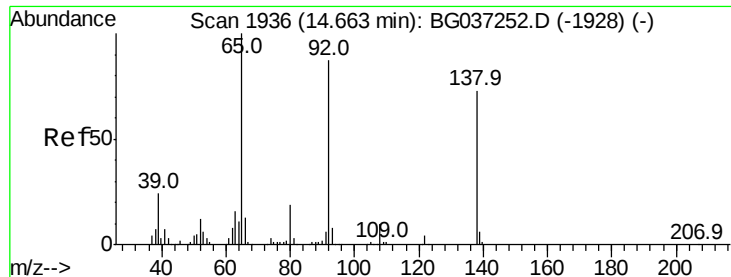
#52
Acenaphthene
Concen: 24.135 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:154 Resp: 249266
Ion Ratio Lower Upper
154 100
153 115.3 93.4 140.0
152 53.9 44.7 67.1



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

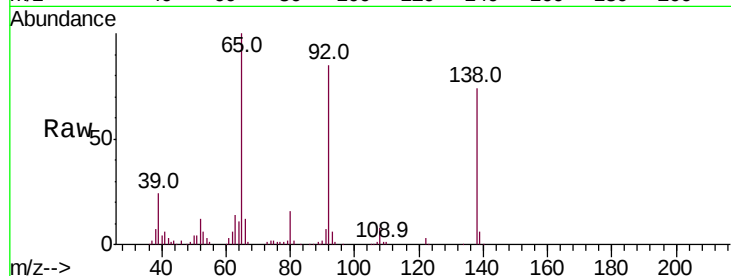




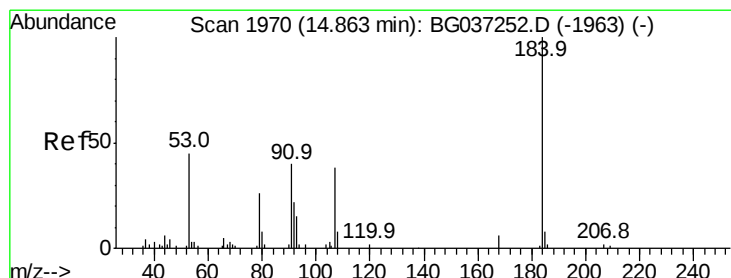
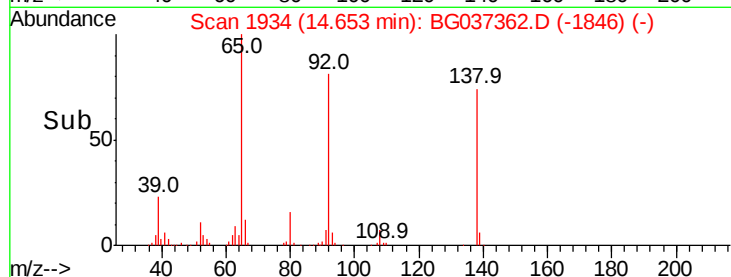
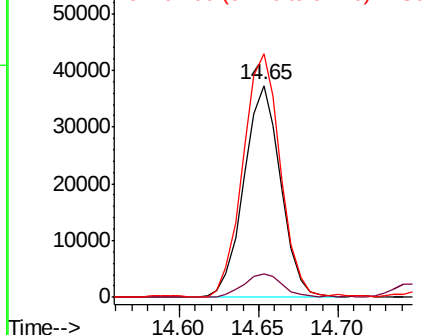
#53
3-Nitroaniline
Concen: 20.754 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

Tot Ion:138 Resp: 60027
Ion Ratio Lower Upper
138 100
108 11.2 11.0 16.6
92 114.8 95.2 142.8

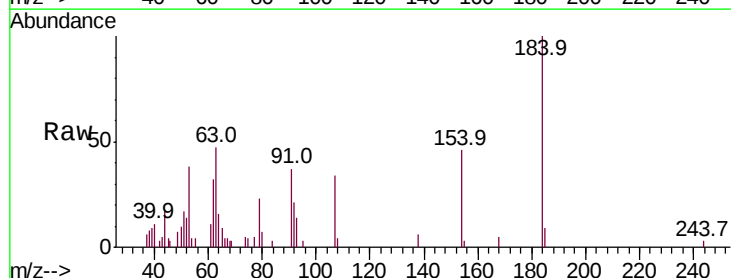


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

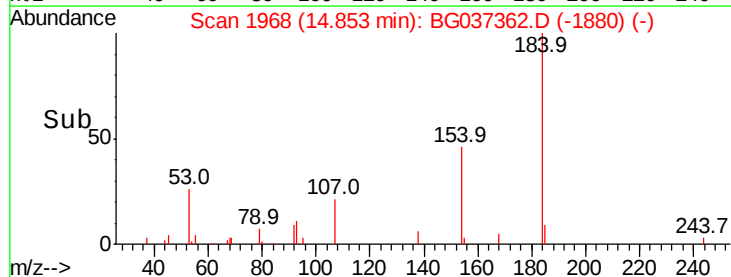
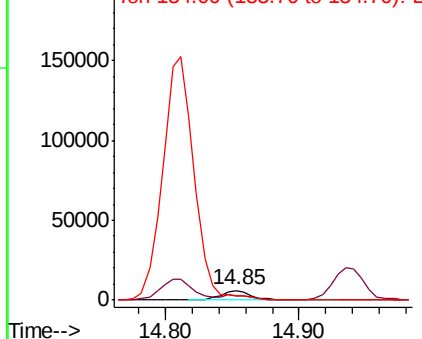


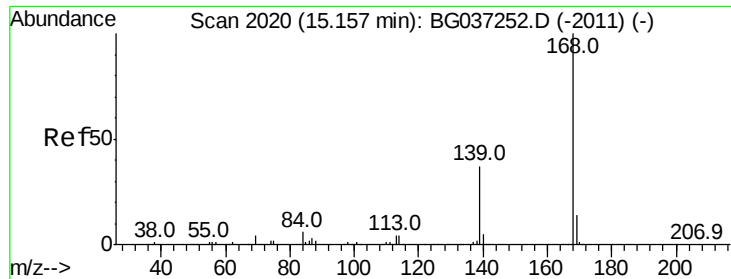
#54
2,4-Dinitrophenol
Concen: 14.416 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt Ion:184 Resp: 9972
Ion Ratio Lower Upper
184 100
63 46.6 42.6 63.8
154 46.1 41.8 62.6



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

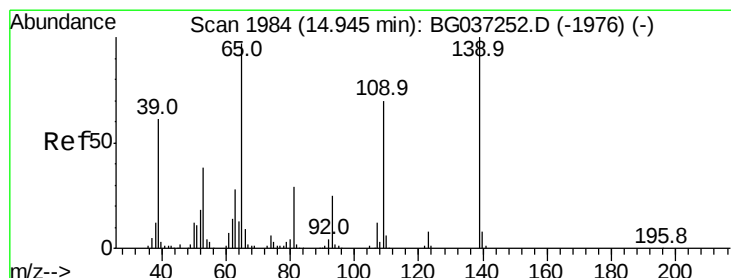
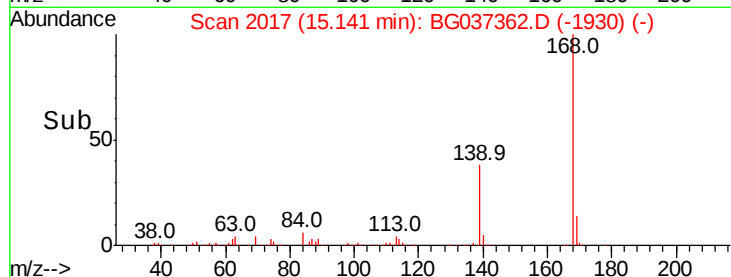
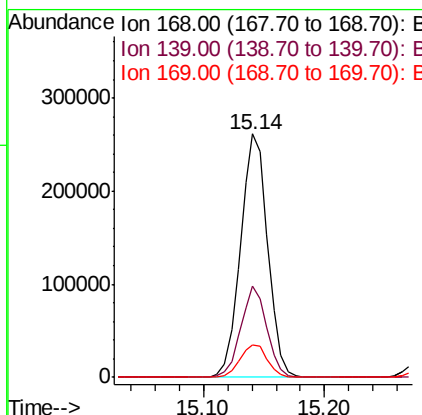
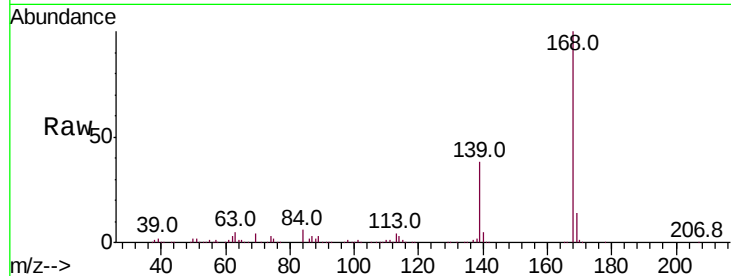




#55
Dibenzofuran
Concen: 24.251 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

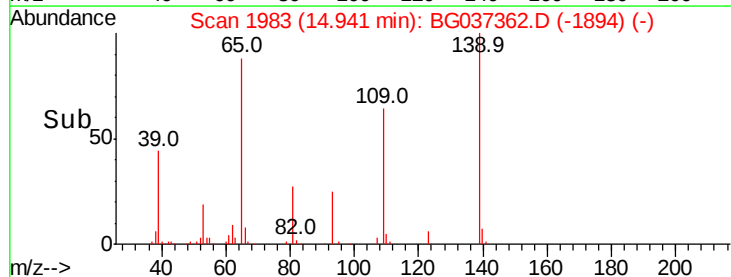
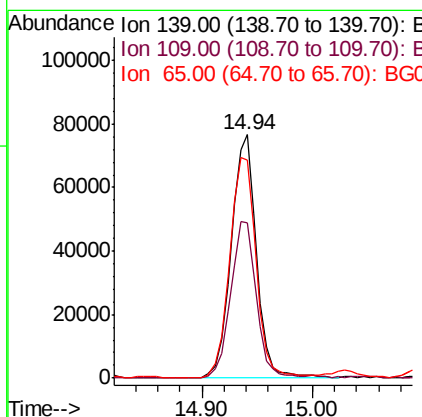
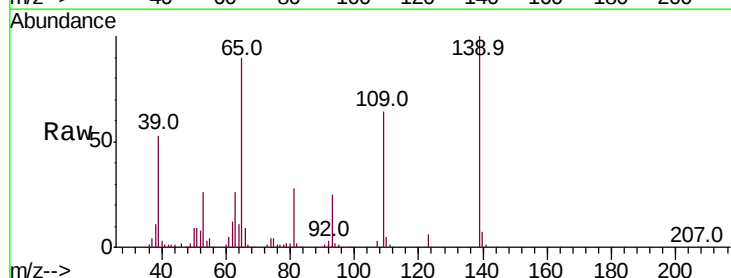
Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

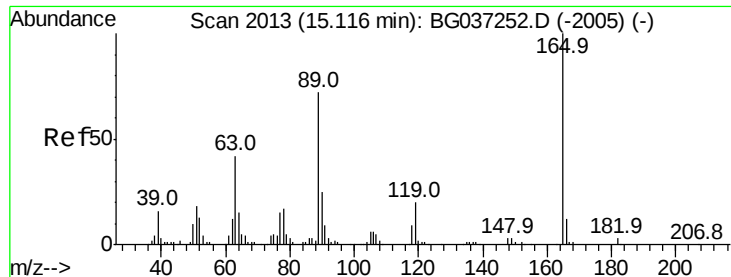
Tot Ion:168 Resp: 406404
Ion Ratio Lower Upper
168 100
139 37.6 29.4 44.0
169 13.5 11.0 16.6



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

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

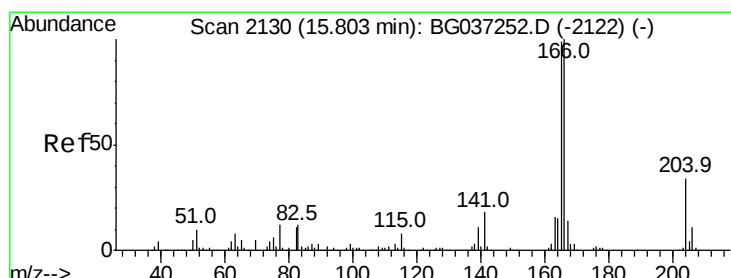
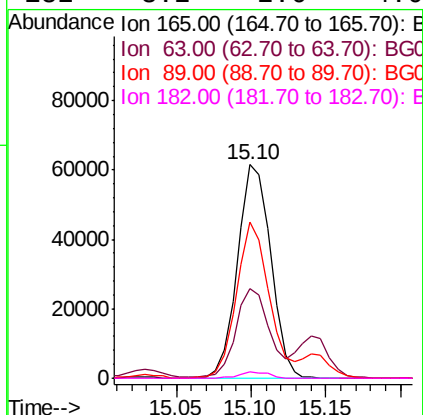
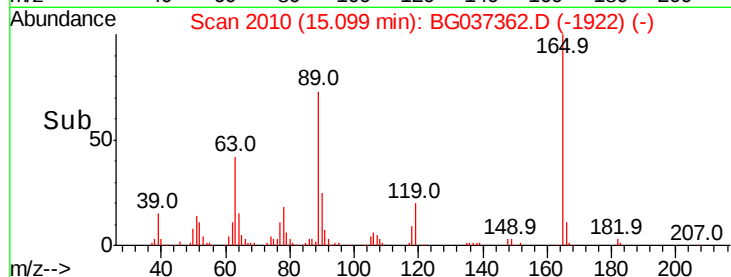
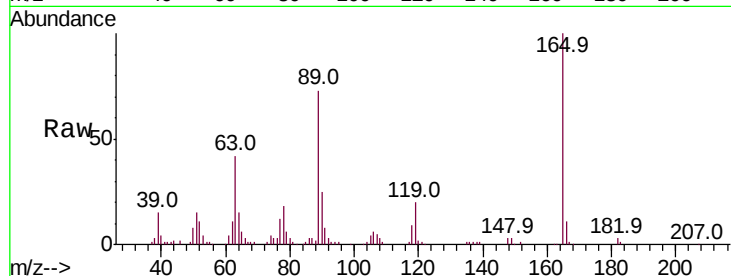




#57
2,4-Dinitrotoluene
Concen: 30.215 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

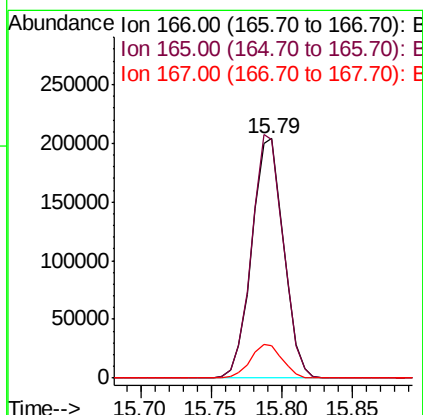
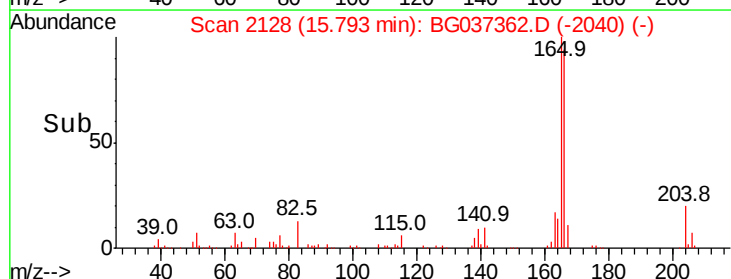
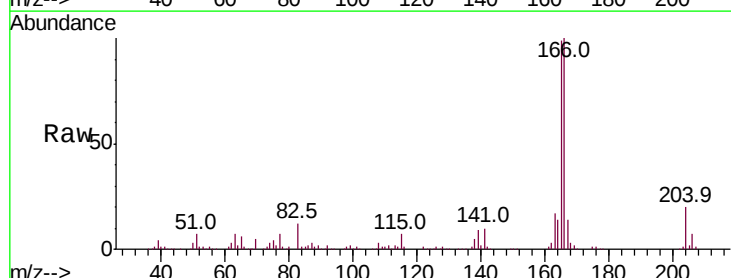
Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

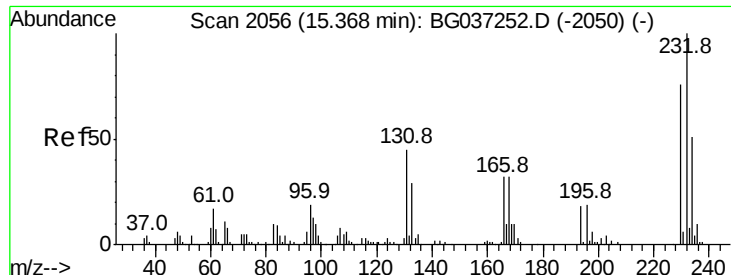
Tot Ion:165 Resp: 95134
Ion Ratio Lower Upper
165 100
63 42.0 33.4 50.0
89 73.1 57.2 85.8
182 3.2 2.6 4.0



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

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

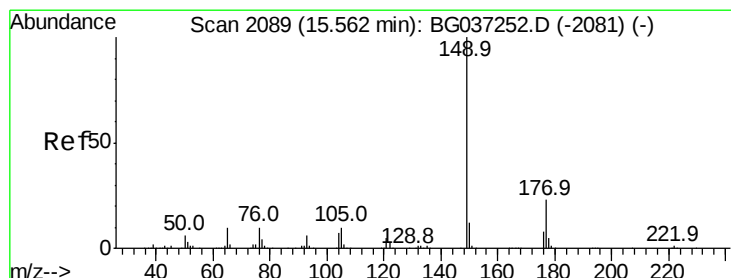
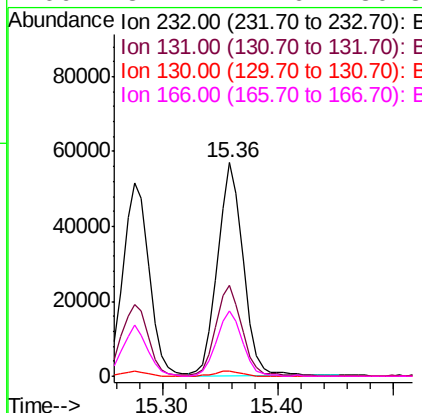
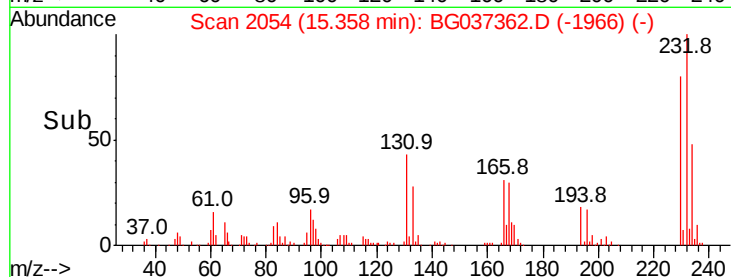
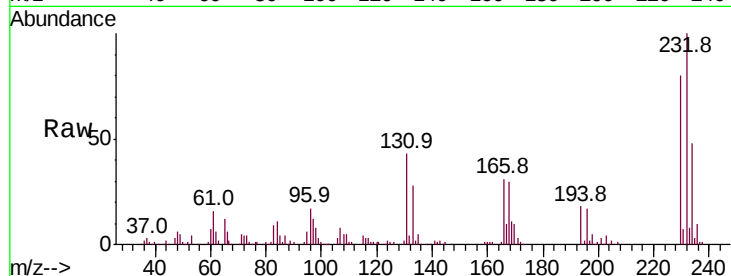




#59
2,3,4,6-Tetrachlorophenol
Concen: 27.763 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

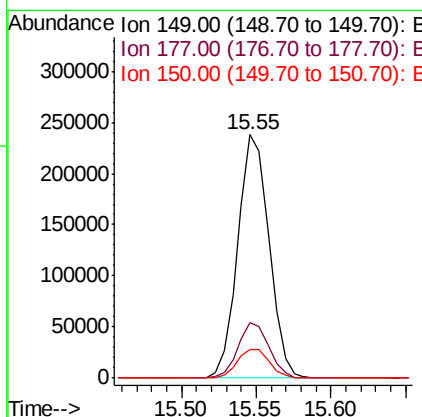
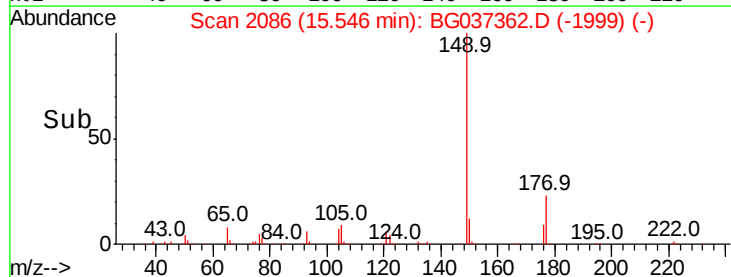
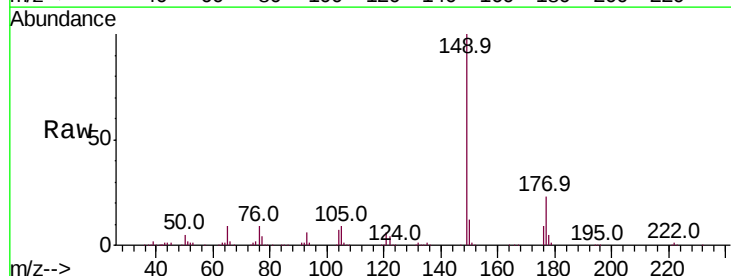
Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

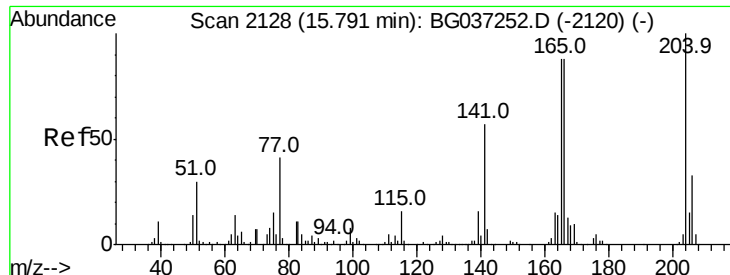
Tot Ion:232 Resp: 87398
Ion Ratio Lower Upper
232 100
131 44.1 33.7 50.5
130 2.5 2.1 3.1
166 31.1 24.6 36.8



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

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

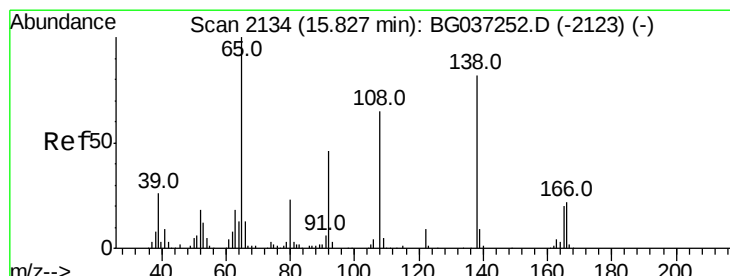
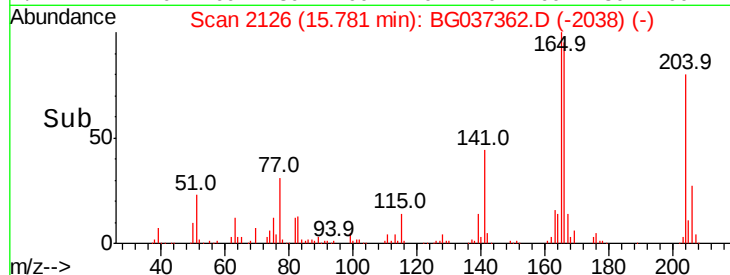
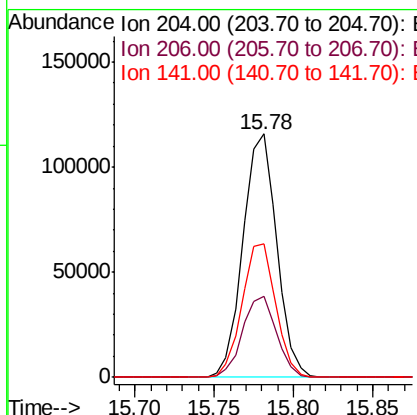
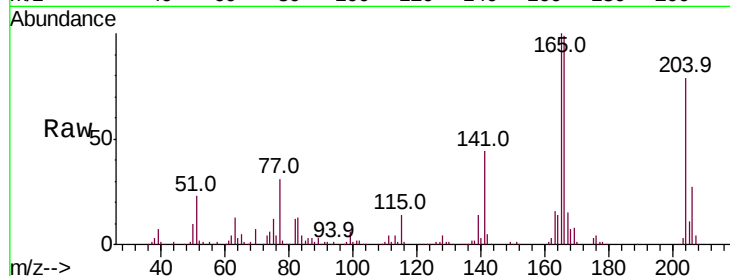




#61
 4-Chlorophenyl-phenylether
 Concen: 23.075 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

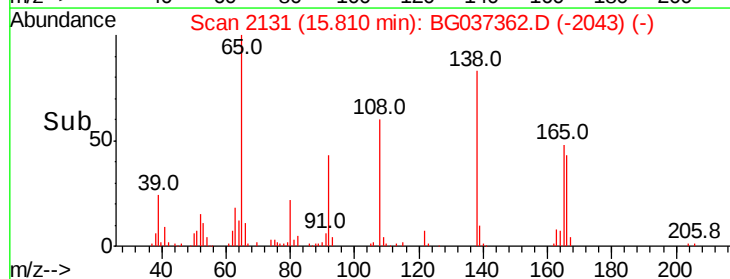
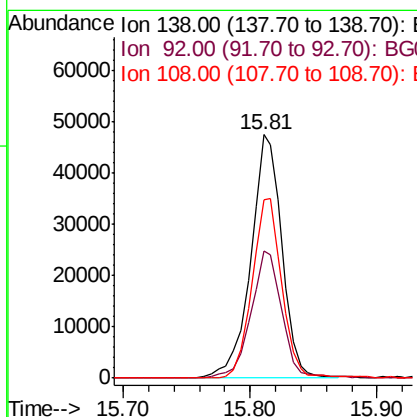
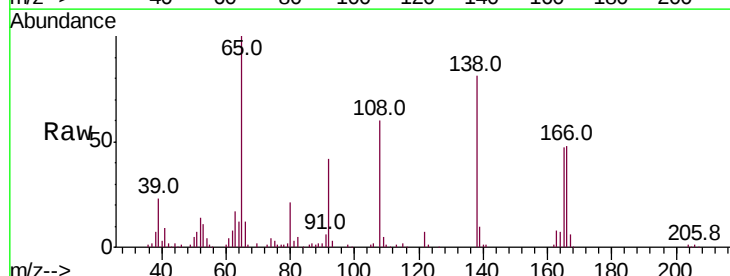
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1011-S-DH-31MS

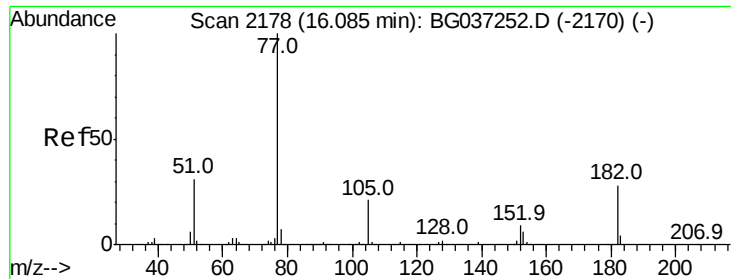
Tot Ion:	204	Resp:	170953
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	54.8	45.4	68.2



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

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

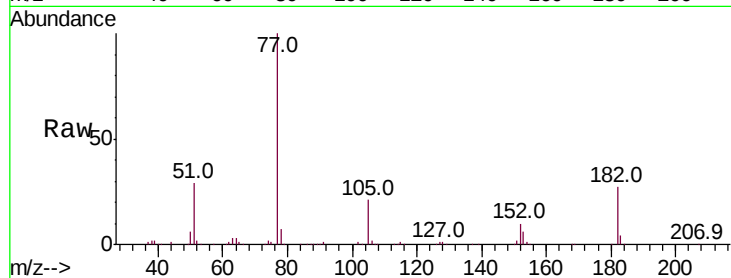




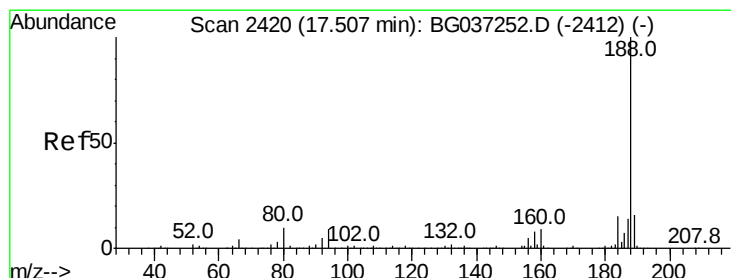
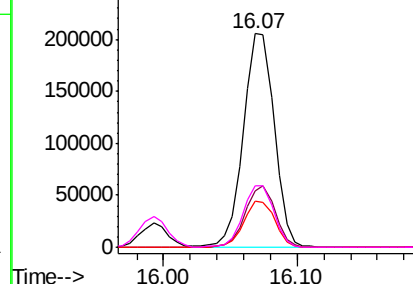
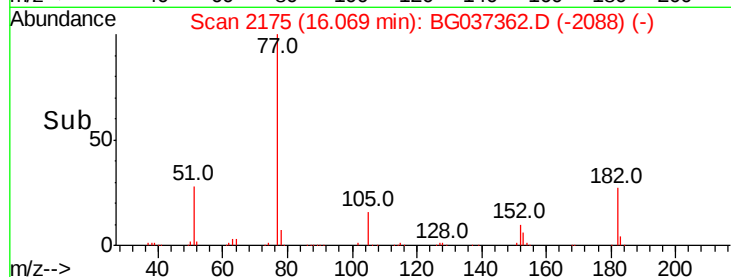
#63
Azobenzene
Concen: 23.907 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

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

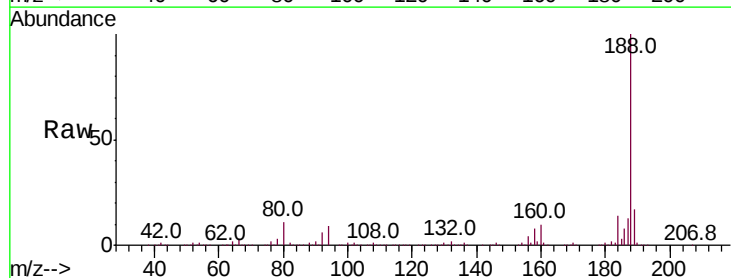


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

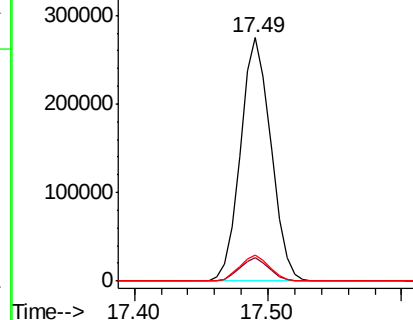
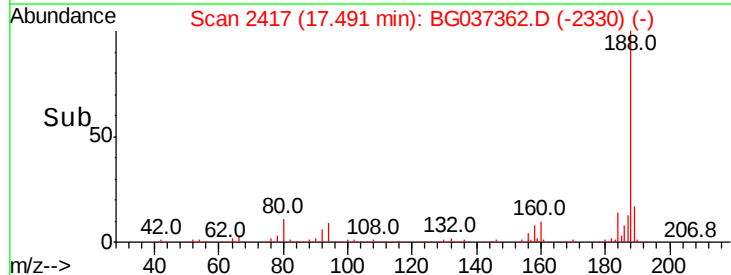


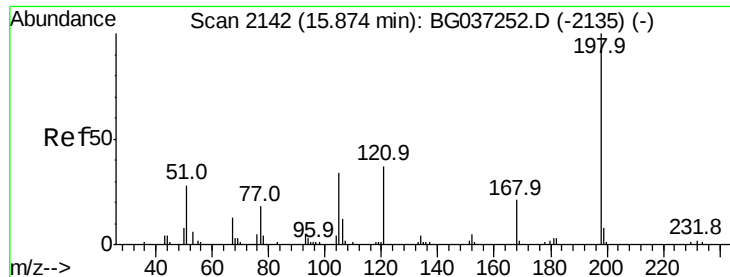
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

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



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





#65

4,6-Dinitro-2-methylphenol

Concen: 24.904 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

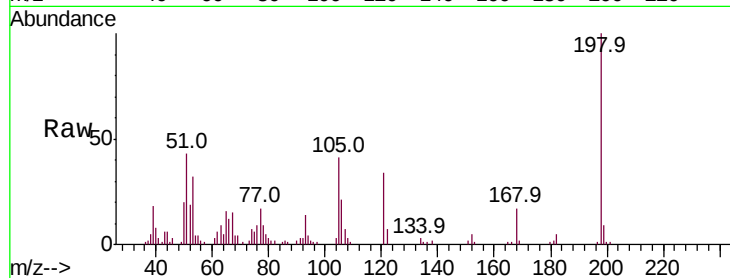
Tot Ion:198 Resp: 29304

Ion Ratio Lower Upper

198 100

51 43.0 22.7 62.7

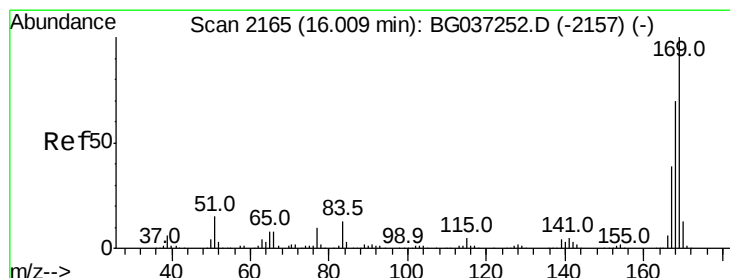
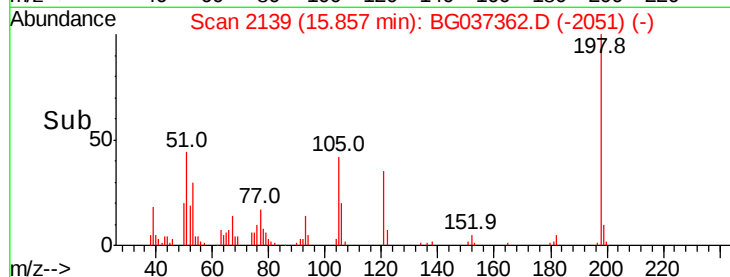
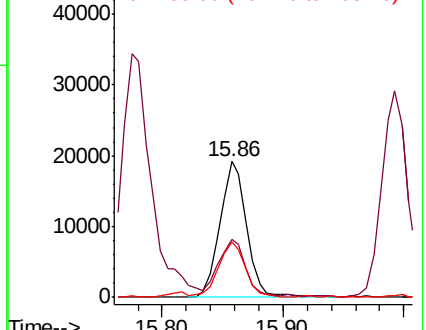
105 40.7 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 23.650 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

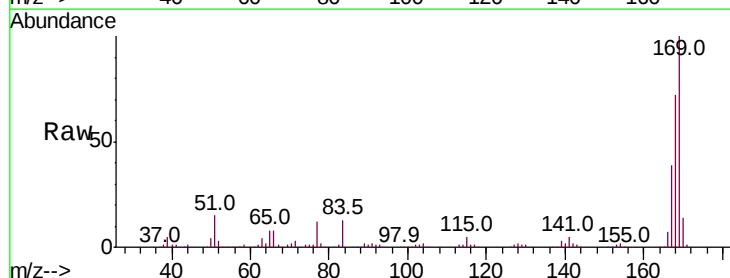
Tgt Ion:169 Resp: 300488

Ion Ratio Lower Upper

169 100

168 72.0 55.7 83.5

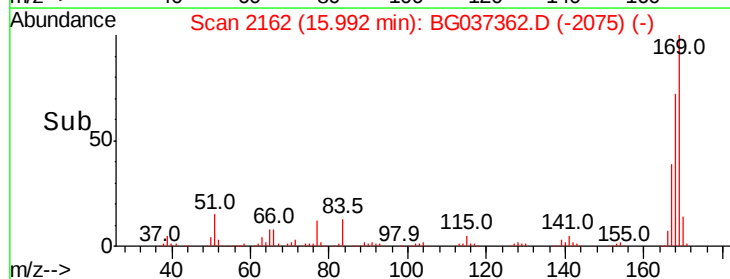
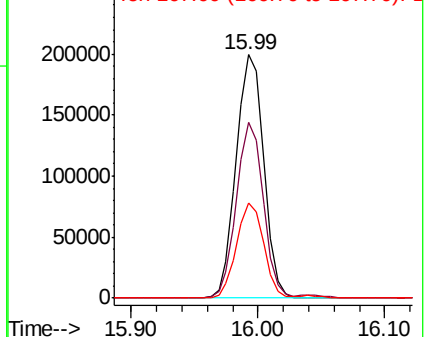
167 39.1 31.3 46.9

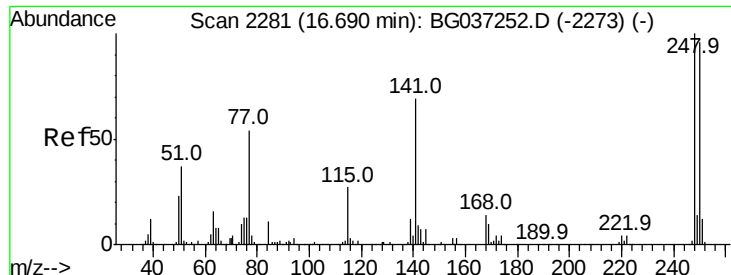


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 22.861 ng

RT: 16.67 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

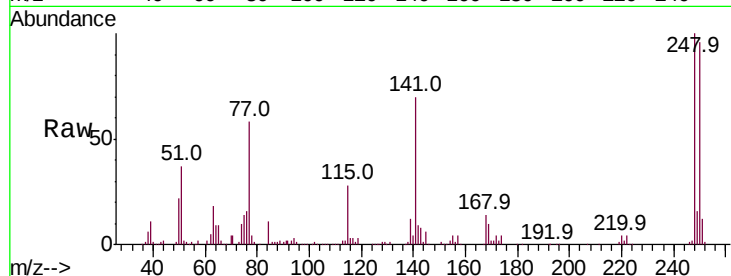
Tot Ion:248 Resp: 106748

Ion Ratio Lower Upper

248 100

250 96.0 77.0 115.6

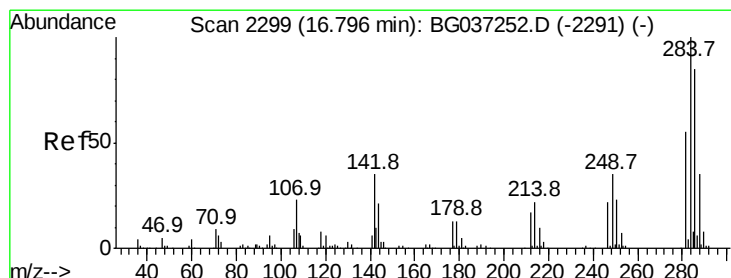
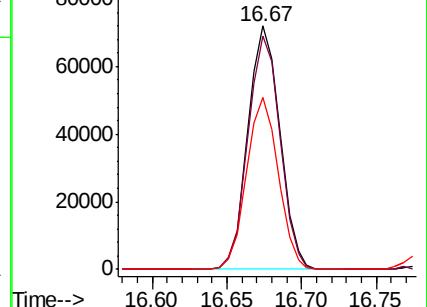
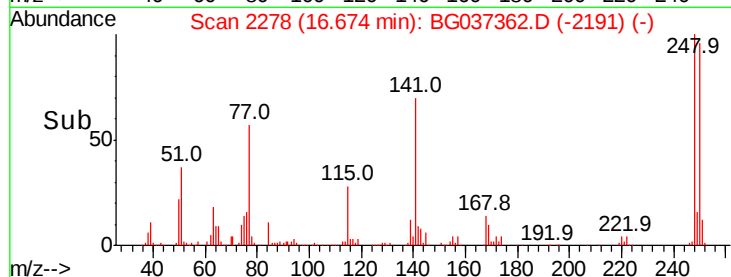
141 70.4 55.5 83.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 22.367 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

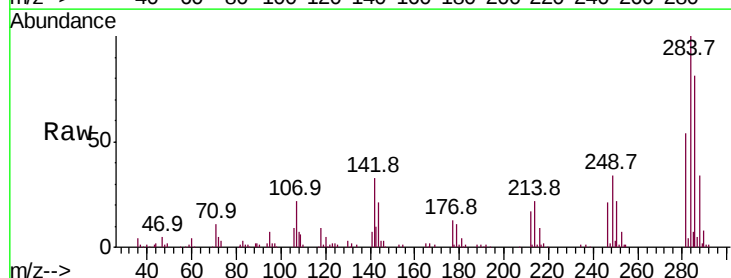
Tgt Ion:284 Resp: 108283

Ion Ratio Lower Upper

284 100

142 33.4 28.1 42.1

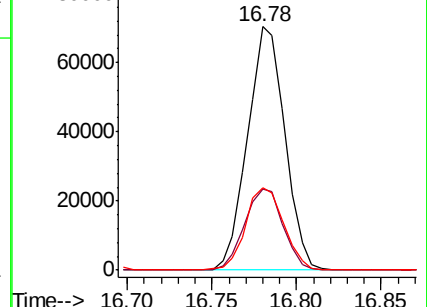
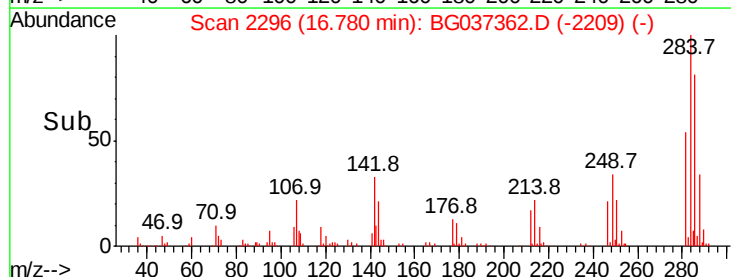
249 33.9 29.8 44.8

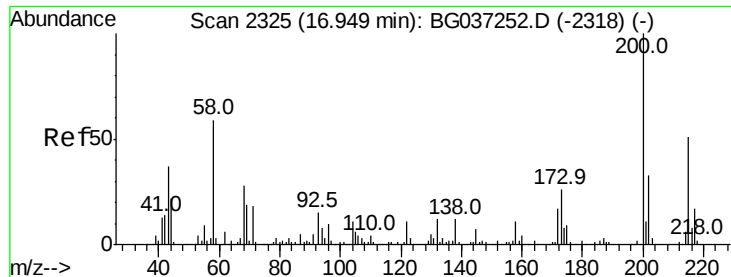


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 24.301 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

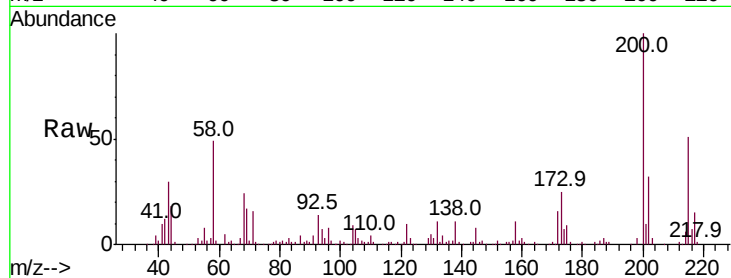
Tot Ion:200 Resp: 114756

Ion Ratio Lower Upper

200 100

173 24.8 6.1 46.1

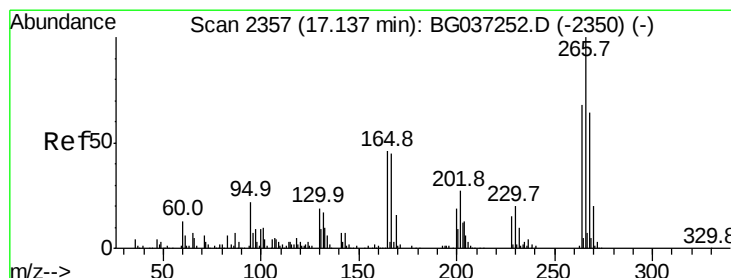
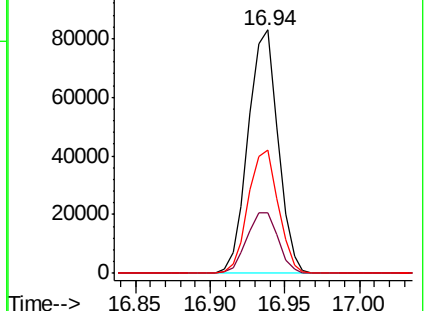
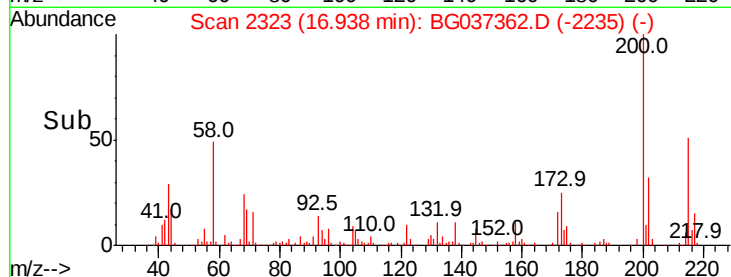
215 50.8 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.156 ng

RT: 17.13 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

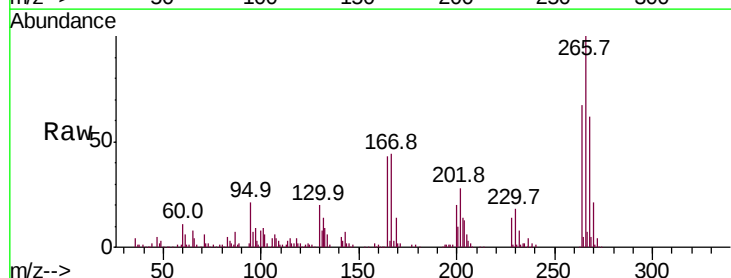
Tgt Ion:266 Resp: 112932

Ion Ratio Lower Upper

266 100

268 66.6 55.0 82.6

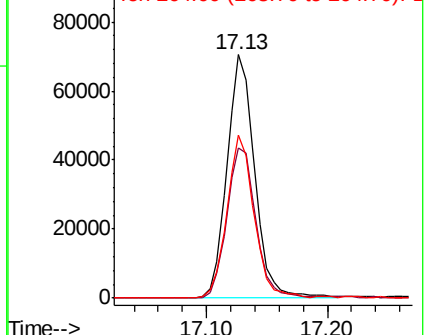
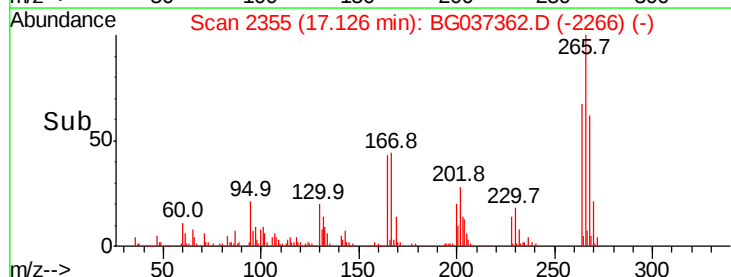
264 72.3 58.9 88.3

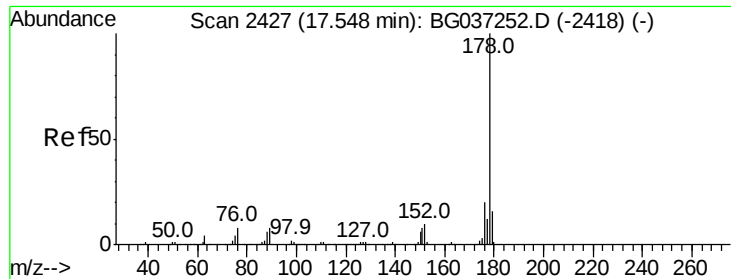


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

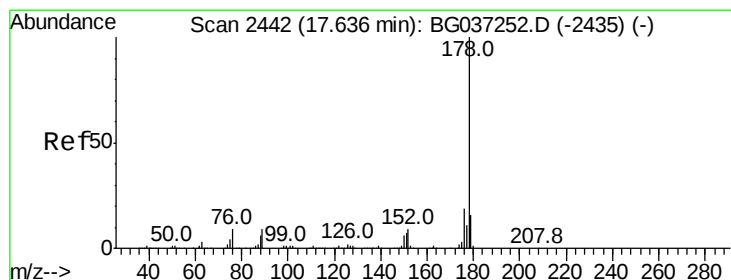
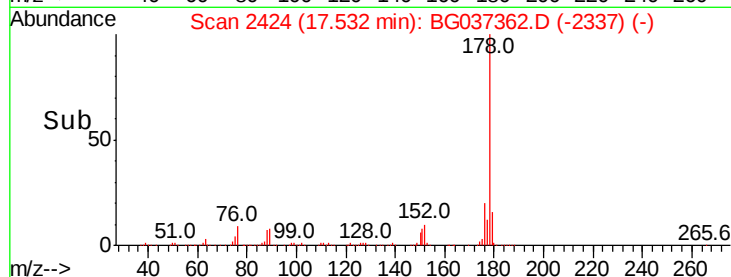
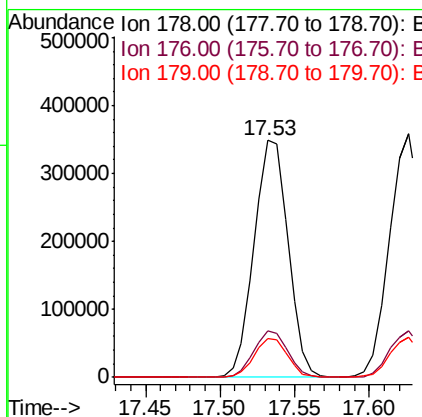
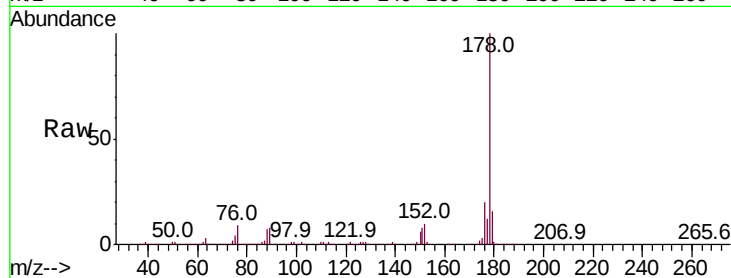




#71
Phenanthrene
Concen: 25.029 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

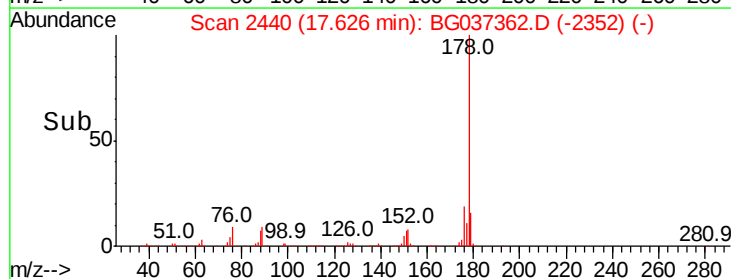
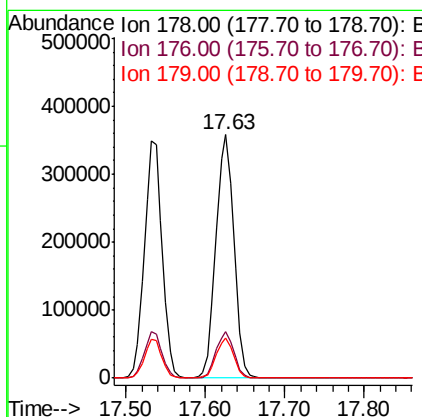
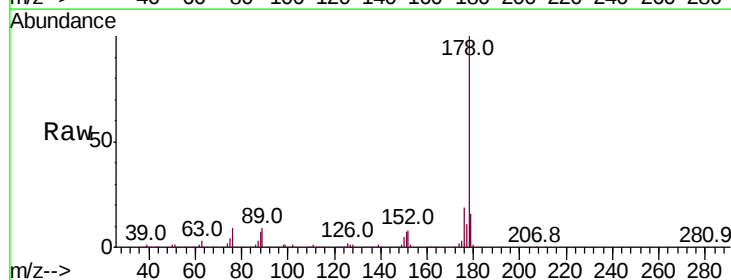
Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

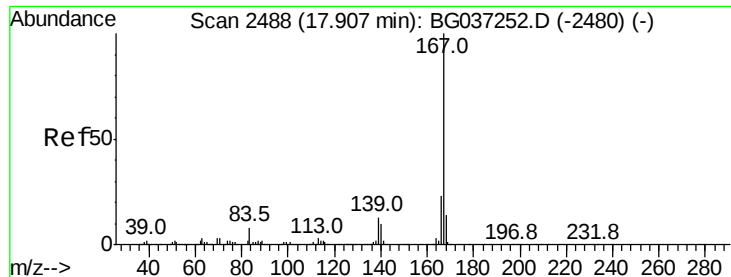
Tot Ion:178 Resp: 551223
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 16.4 13.0 19.4



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

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

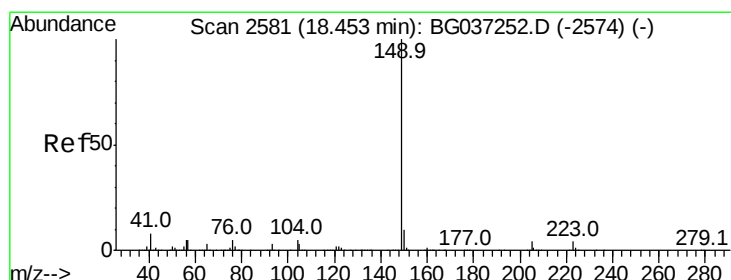
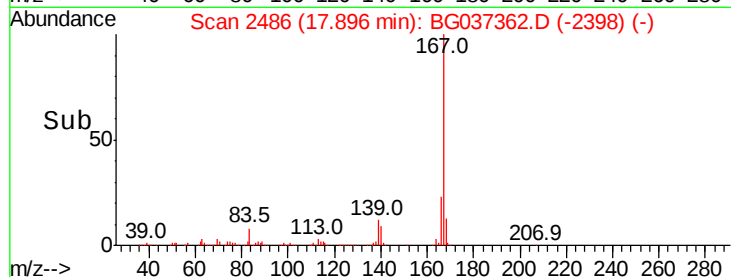
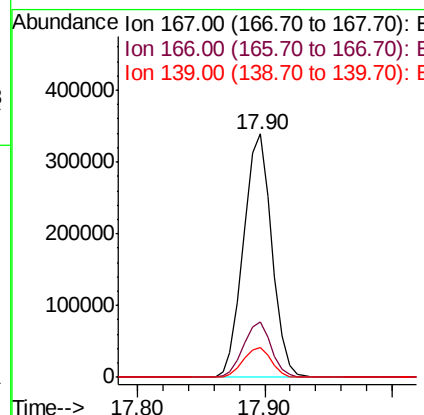
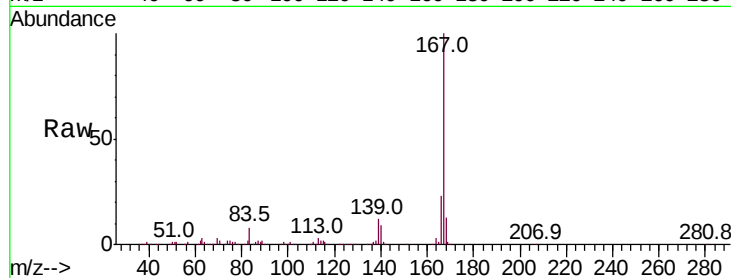




#73
 Carbazole
 Concen: 23.650 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

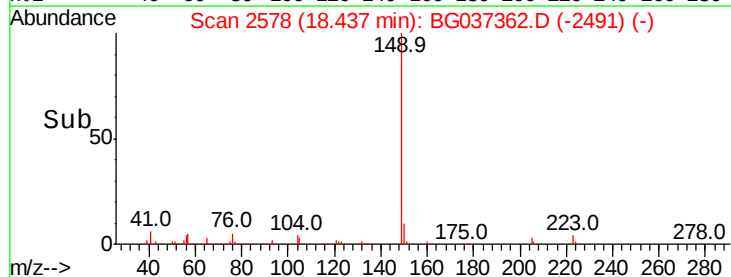
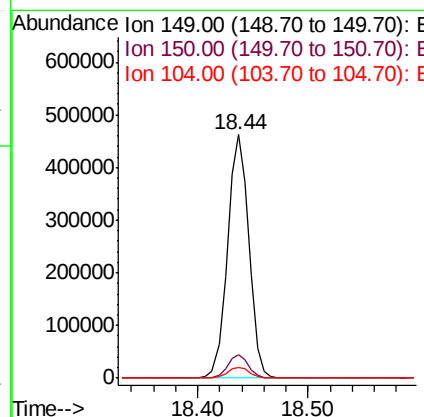
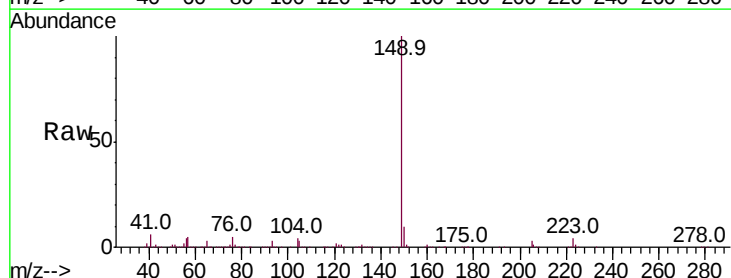
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1011-S-DH-31MS

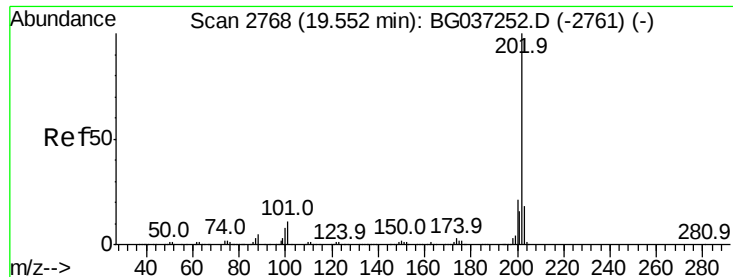
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.3	27.5
139	12.4	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 26.110 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037362.D
 Acq: 16 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	4.5	4.0	6.0





#75

Fluoranthene

Concen: 25.596 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

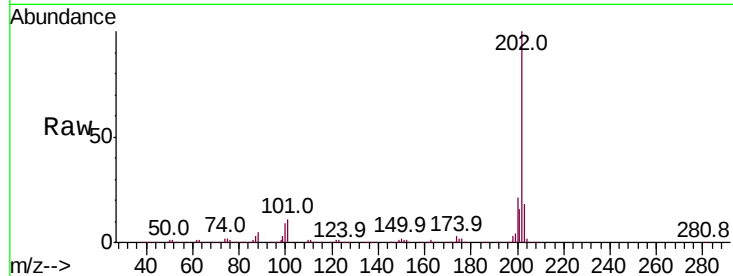
Tot Ion:202 Resp: 658850

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.7

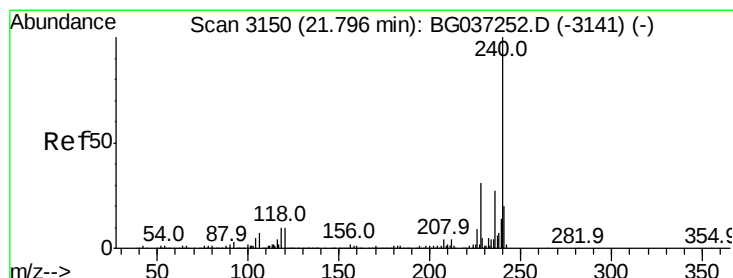
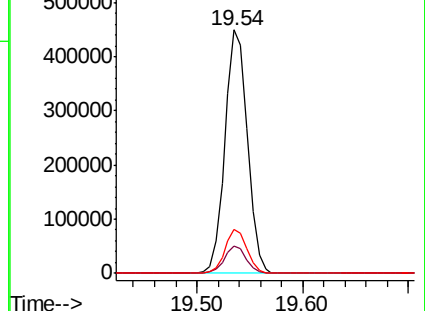
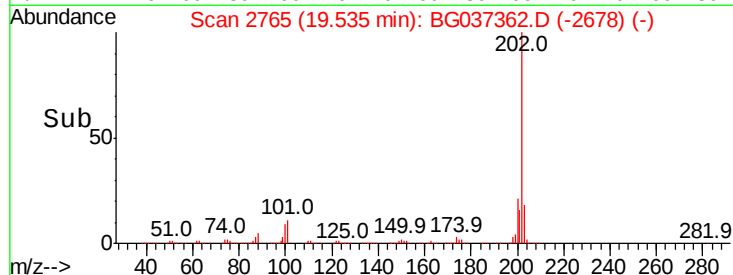
203 18.3 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

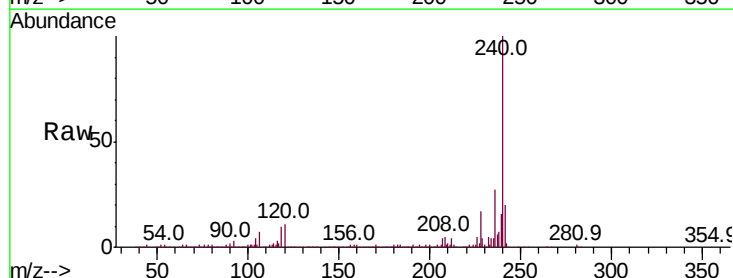
Tgt Ion:240 Resp: 403537

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

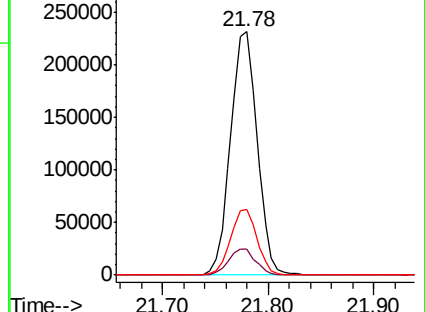
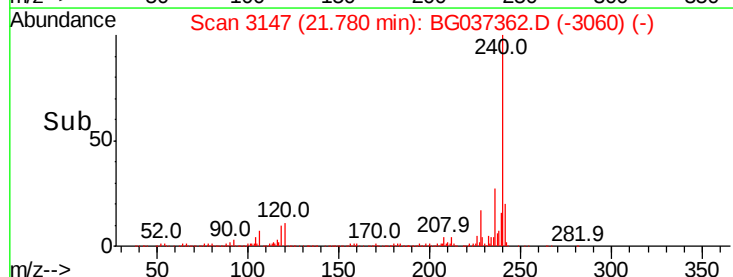
236 26.9 21.4 32.0

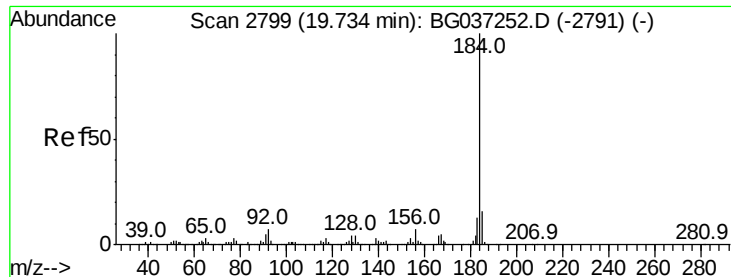


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.344 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

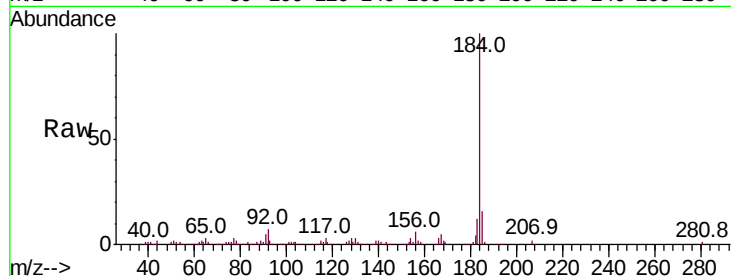
Tot Ion:184 Resp: 175118

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

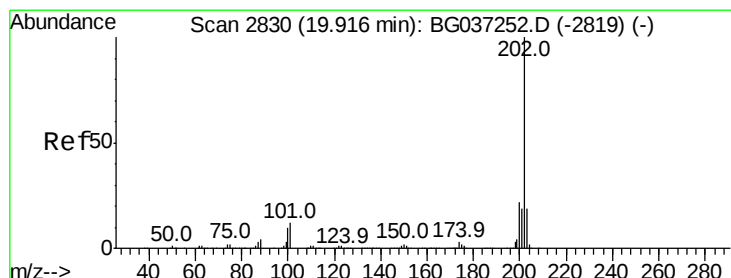
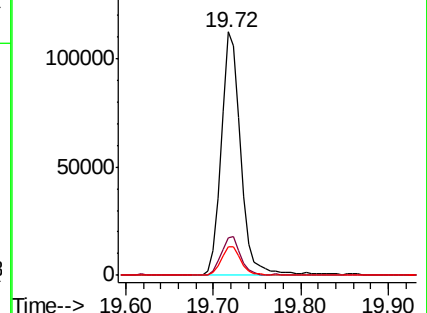
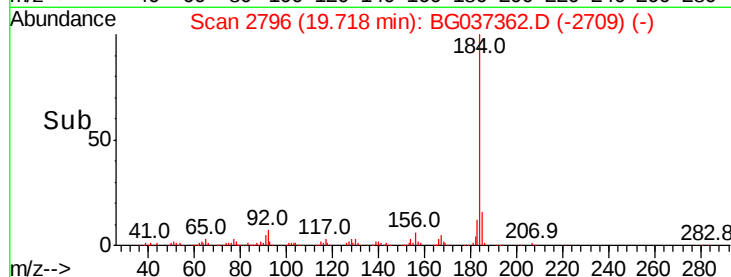
183 11.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 25.025 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

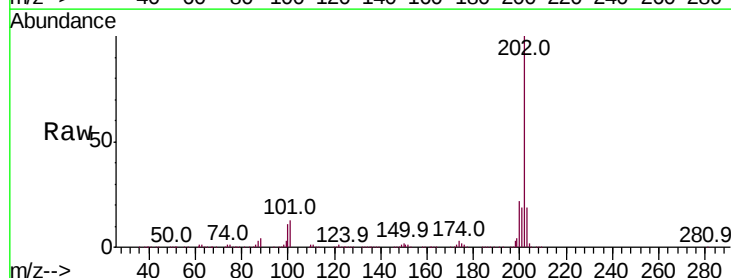
Tgt Ion:202 Resp: 658169

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

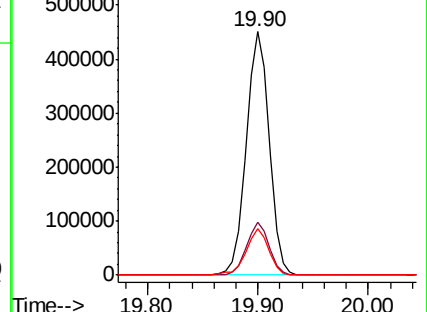
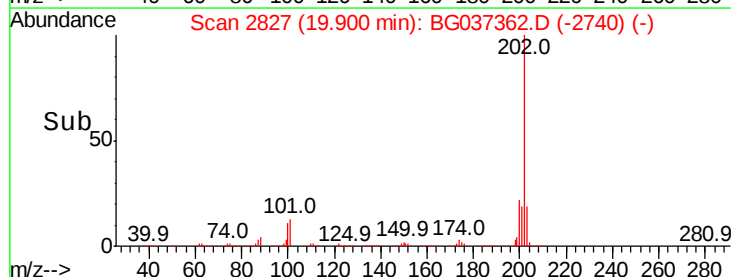
203 19.0 15.2 22.8

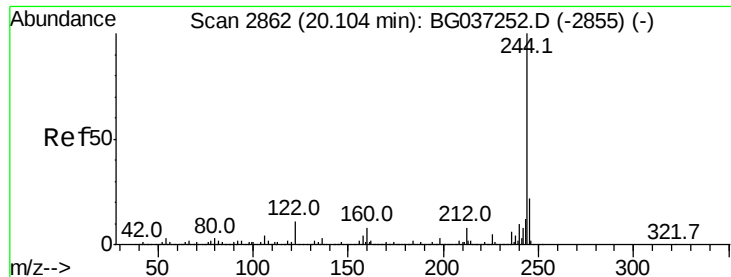


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 45.999 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

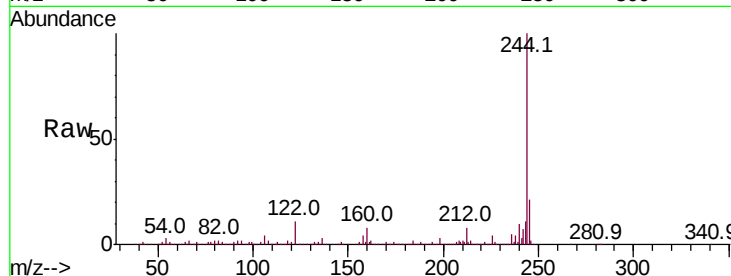
Tot Ion:244 Resp: 884028

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

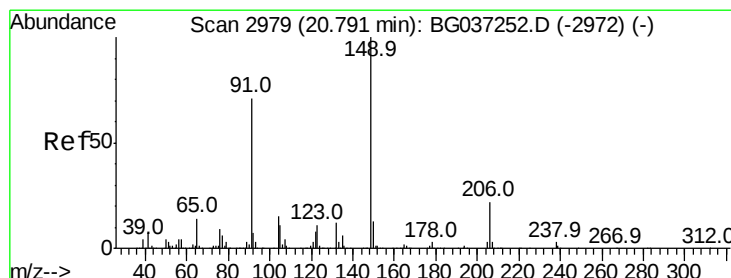
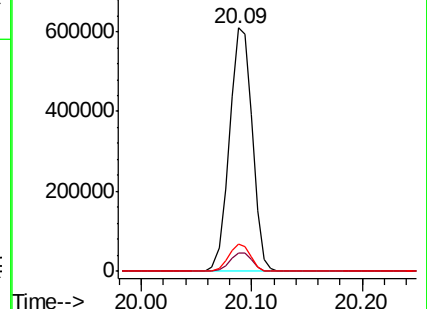
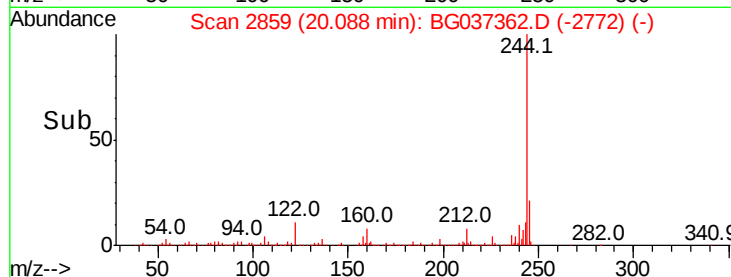
122 11.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 26.758 ng

RT: 20.78 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

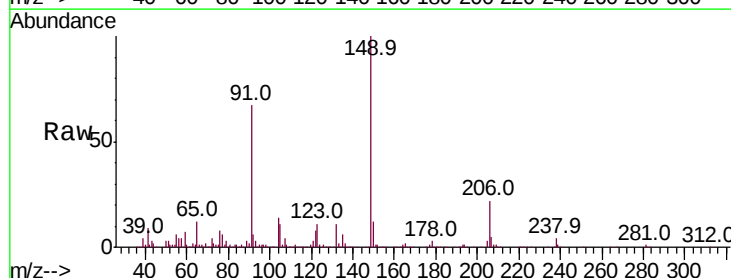
Tgt Ion:149 Resp: 273808

Ion Ratio Lower Upper

149 100

91 67.5 57.0 85.4

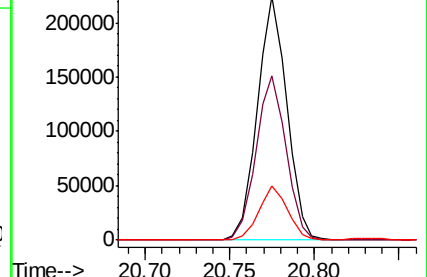
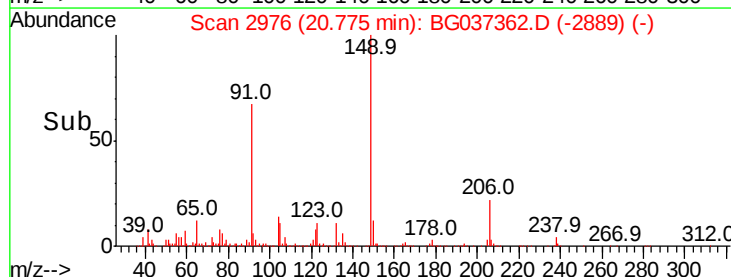
206 22.5 17.8 26.6

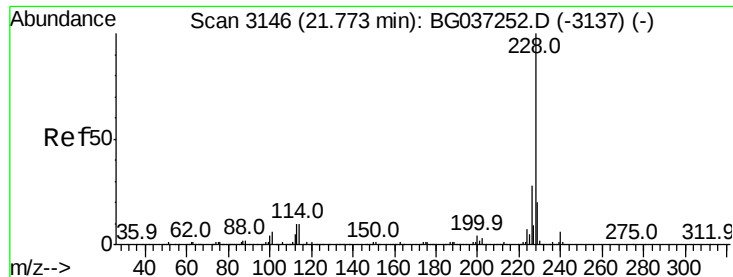


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.361 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

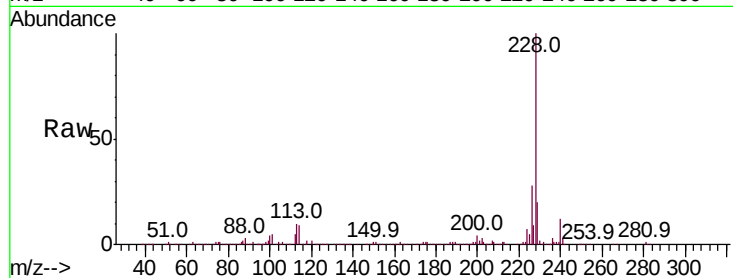
BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

Tot Ion:228 Resp: 612920

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

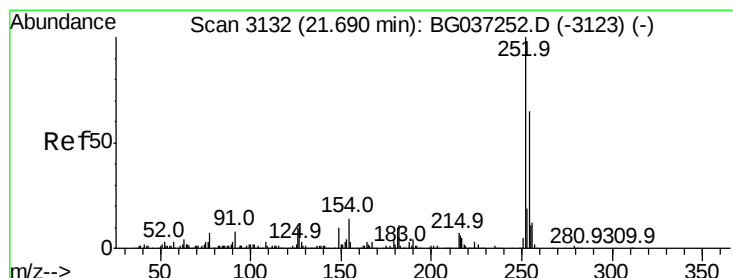
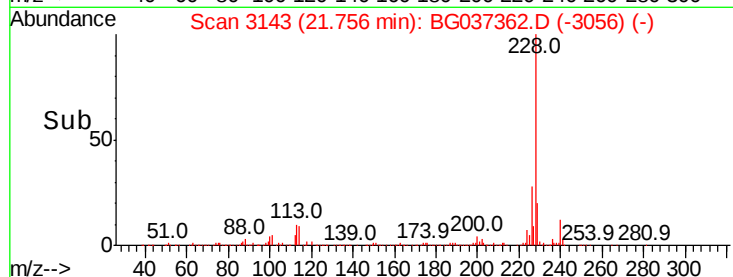
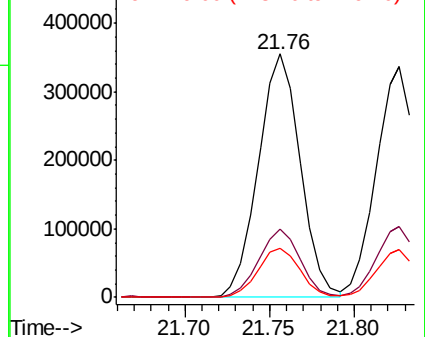


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.568 ng

RT: 21.67 min Scan# 3129

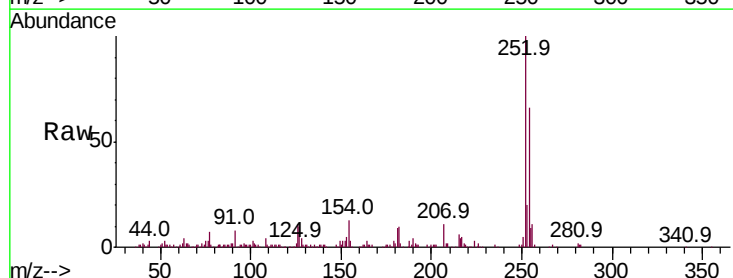
Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Tgt Ion:252 Resp: 126492

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

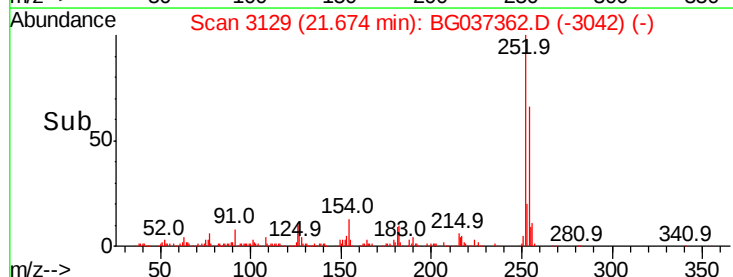
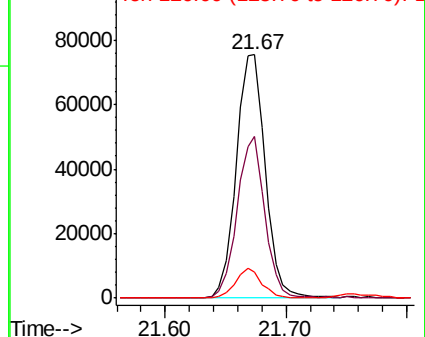


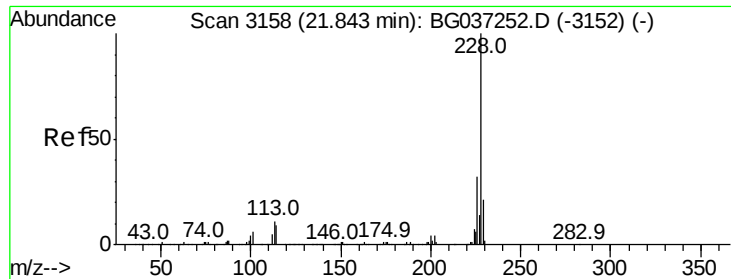
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 24.581 ng

RT: 21.83 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

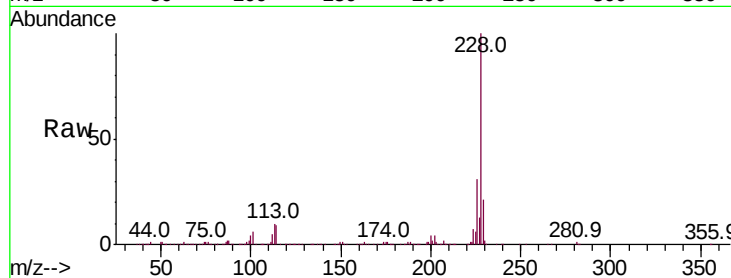
Tot Ion:228 Resp: 566699

Ion Ratio Lower Upper

228 100

226 30.7 25.7 38.5

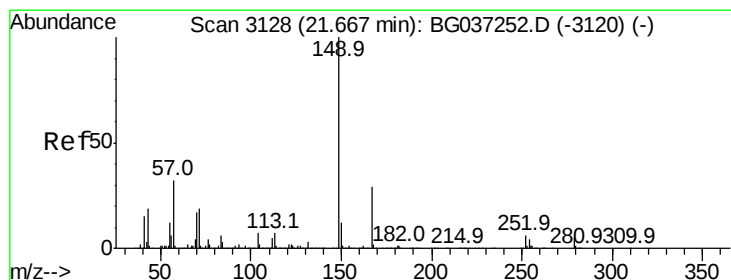
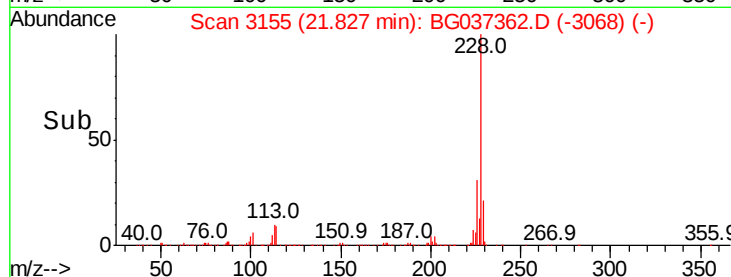
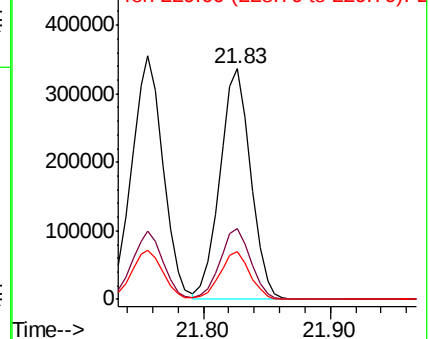
229 20.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.230 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.03 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

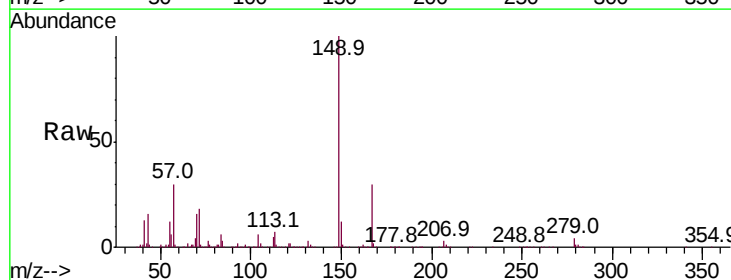
Tgt Ion:149 Resp: 385417

Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

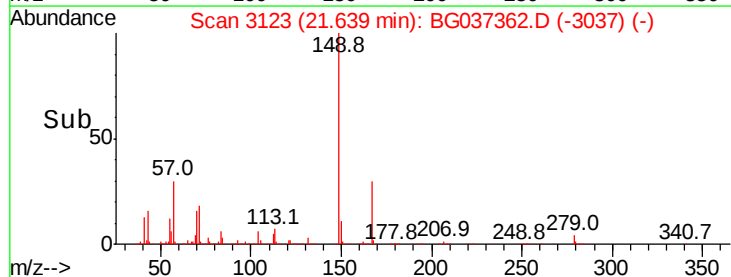
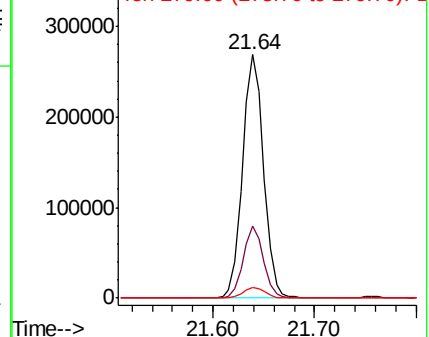
279 4.2 3.6 5.4

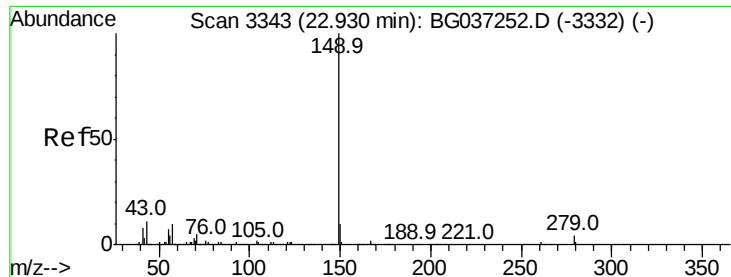


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 27.063 ng

RT: 22.89 min Scan# 3336

Delta R.T. -0.04 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

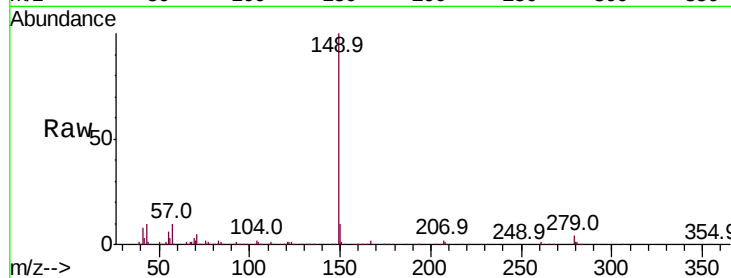
Tot Ion:149 Resp: 645425

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

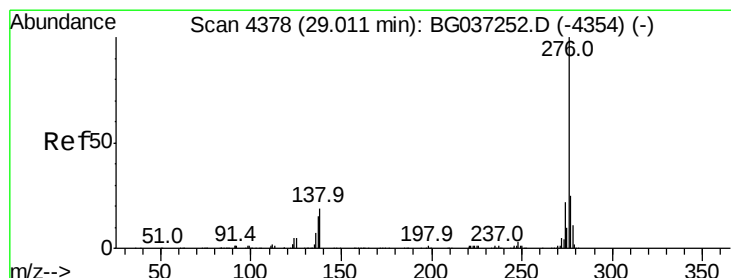
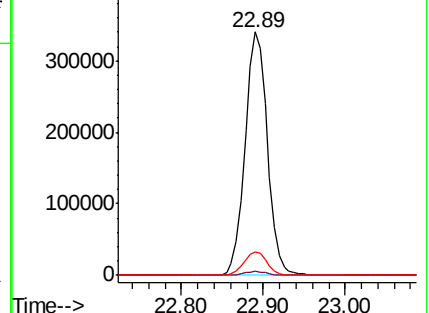
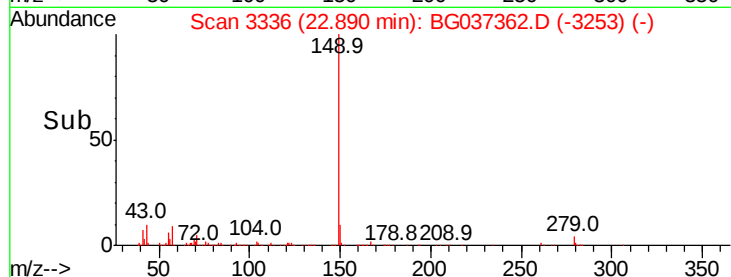
43 9.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 25.195 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.06 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

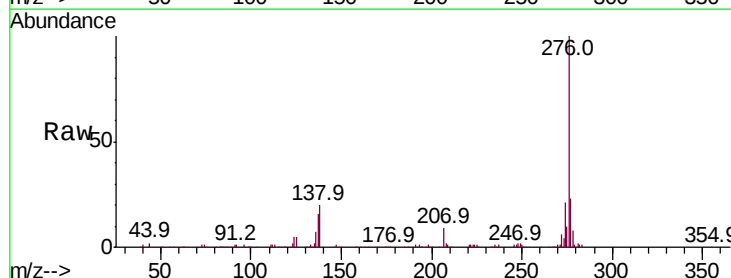
Tgt Ion:276 Resp: 643814

Ion Ratio Lower Upper

276 100

138 18.2 12.0 18.0#

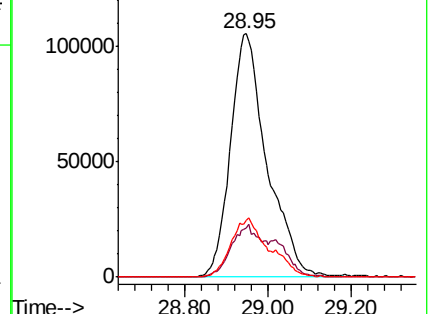
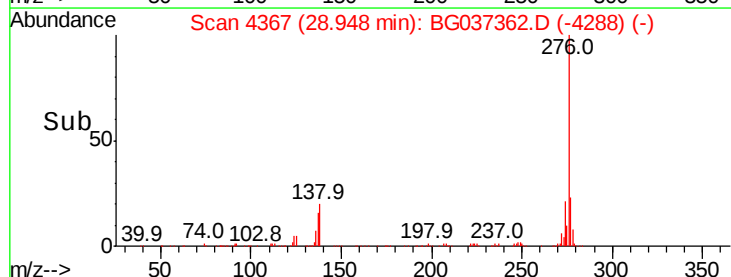
277 25.1 20.6 30.8

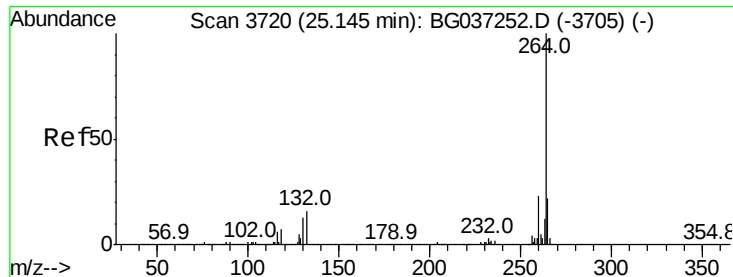


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

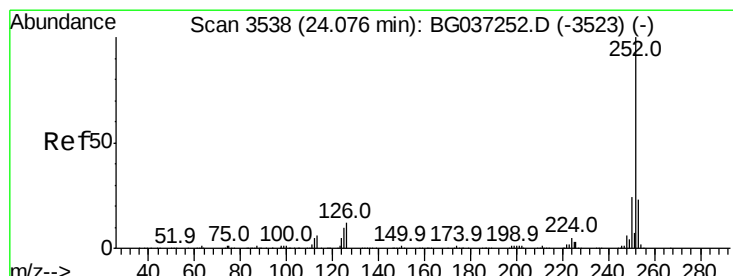
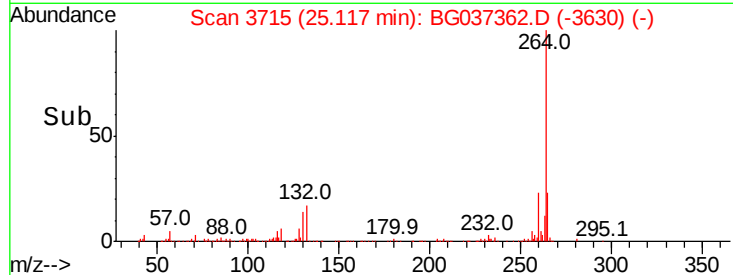
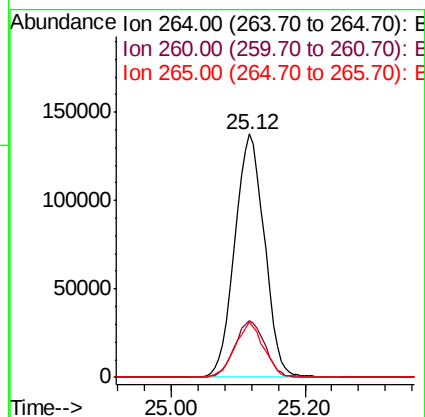
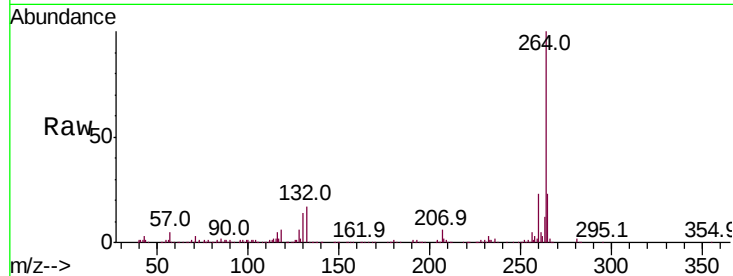




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

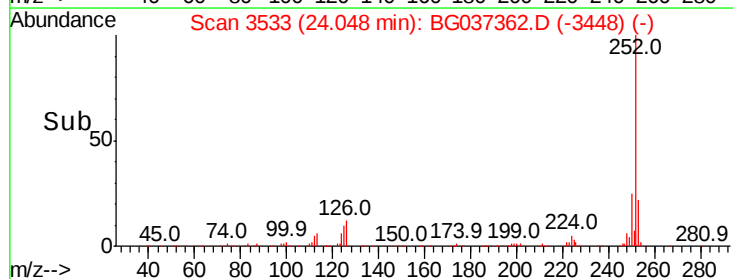
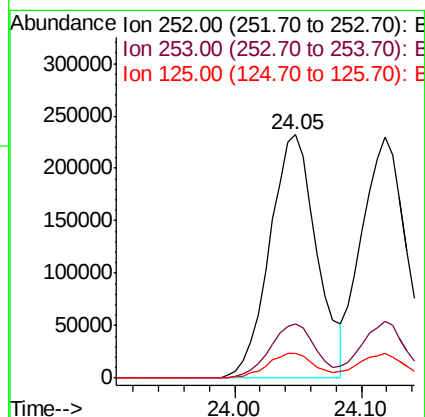
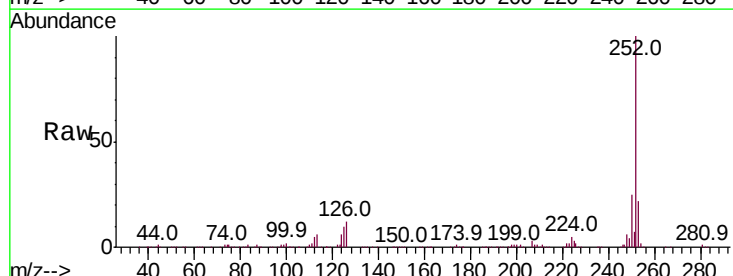
Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

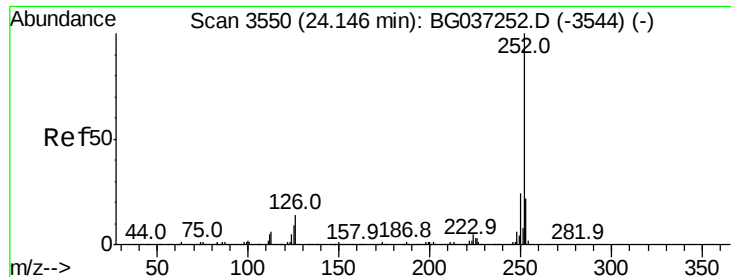
Tot	Ion:264	Resp:	425800
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	23.0	17.9	26.9



#88
Benzo(b)fluoranthene
Concen: 25.888 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.03 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

Tgt	Ion:252	Resp:	599313
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.0	7.8	11.6

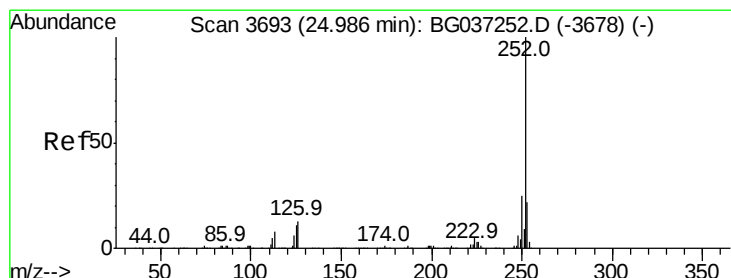
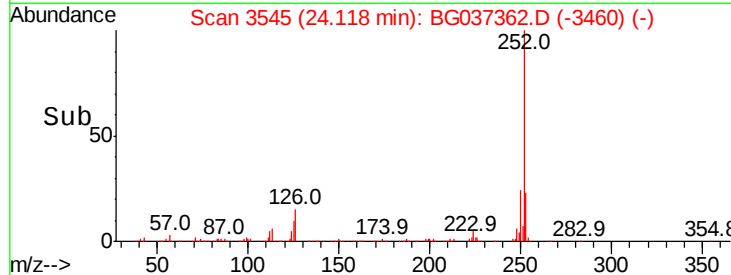
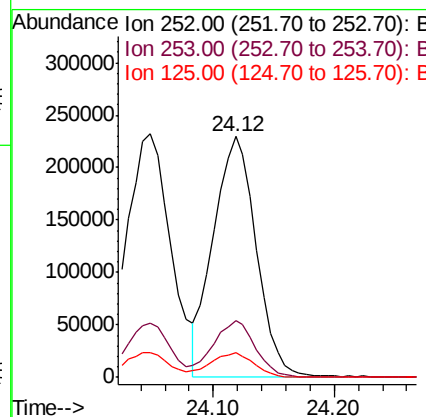
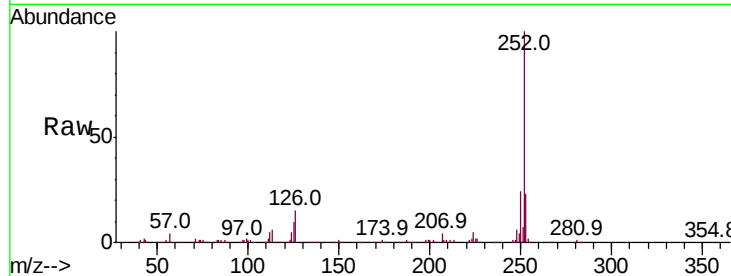




#89
Benzo(k)fluoranthene
Concen: 24.567 ng
RT: 24.12 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BG037362.D
Acq: 16 Oct 2018 16:51

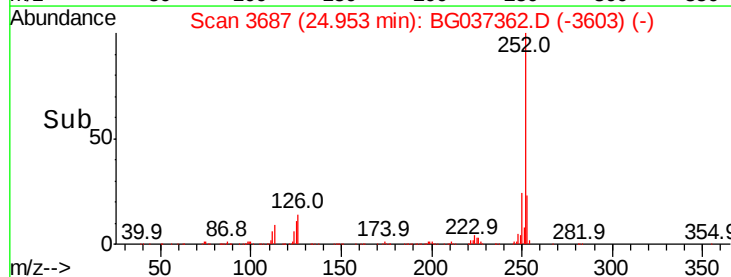
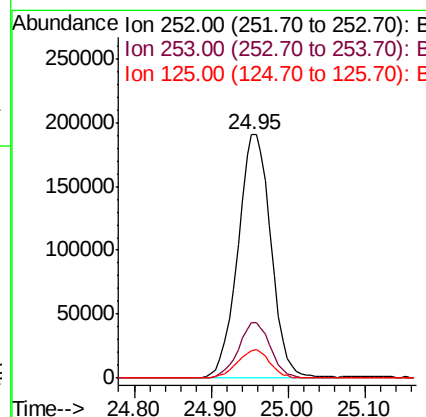
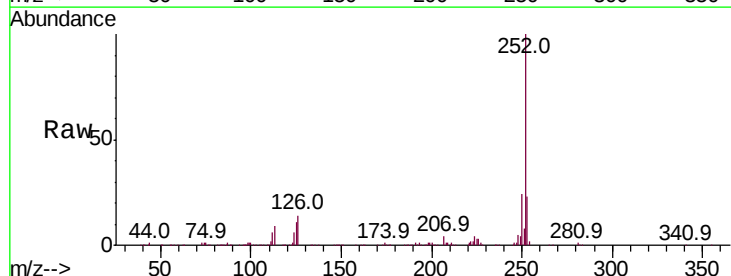
Instrument :
BNA_G
ClientSampleId :
SSSI-1011-S-DH-31MS

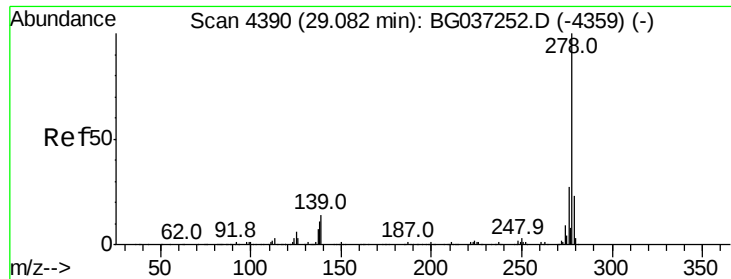
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	10.4	7.4	11.0



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

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





#91

Dibenzo(a,h)anthracene

Concen: 24.912 ng

RT: 29.02 min Scan# 4380

Delta R.T. -0.06 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1011-S-DH-31MS

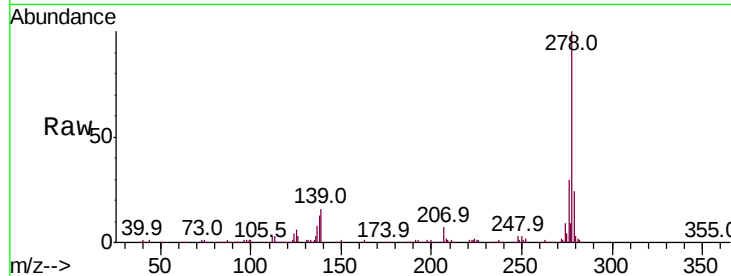
Tot Ion:278 Resp: 529133

Ion Ratio Lower Upper

278 100

139 16.0 11.5 17.3

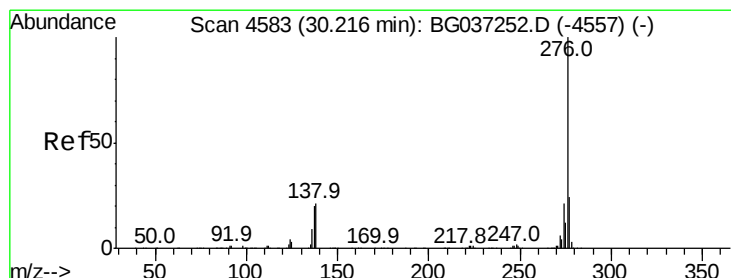
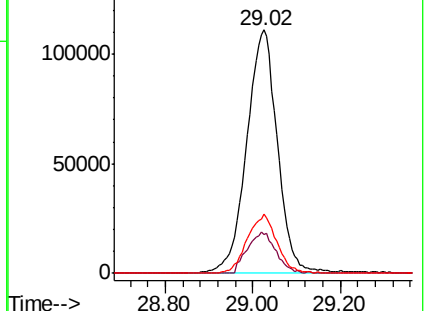
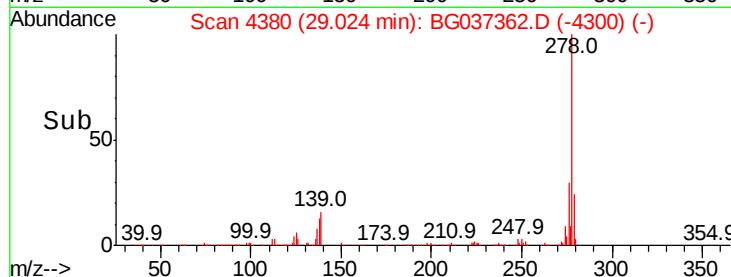
279 24.4 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 25.344 ng

RT: 30.15 min Scan# 4571

Delta R.T. -0.07 min

Lab File: BG037362.D

Acq: 16 Oct 2018 16:51

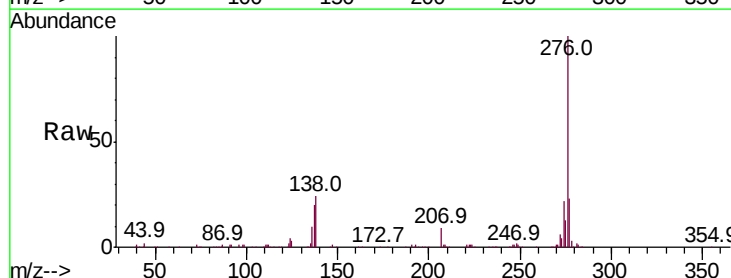
Tgt Ion:276 Resp: 537620

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 23.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

