

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037326.D
 Acq On : 13 Oct 2018 14:35
 Operator : JU/SJ
 Sample : PB113715BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113715BS

Quant Time: Oct 15 02:16:27 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	8.12	152	56596	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	255662	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	173287	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	429648	20.00	ng	0.00
76) Chrysene-d12	21.79	240	397974	20.00	ng	0.00
87) Perylene-d12	25.12	264	417229	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	397173	123.50	ng	0.00
7) Phenol-d6	7.26	99	588888	120.65	ng	0.00
23) Nitrobenzene-d5	9.30	82	316579	81.41	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	214189	126.03	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	802125	69.51	ng	0.00
79) Terphenyl-d14	20.09	244	1305951	68.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	43460	24.063	ng	95
3) Pyridine	3.94	79	125109	29.175	ng	96
4) n-Nitrosodimethylamine	3.85	42	58866	35.349	ng	# 92
6) Aniline	7.44	93	104036	16.282	ng	99
8) 2-Chlorophenol	7.67	128	156771	41.653	ng	99
9) Benzaldehyde	7.26	77	83393	24.815	ng	99
10) Phenol	7.29	94	215960	42.009	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	144270	34.351	ng	95
12) 1,3-Dichlorobenzene	8.00	146	147391	33.312	ng	99
13) 1,4-Dichlorobenzene	8.15	146	151820	33.891	ng	97
14) 1,2-Dichlorobenzene	8.47	146	145891	33.609	ng	98
15) Benzyl Alcohol	8.35	79	146535	38.379	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	268542	32.344	ng	98
17) 2-Methylphenol	8.55	107	146942	42.679	ng	99
18) Hexachloroethane	9.20	117	53433	34.948	ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	123750	33.486	ng	96
20) 3+4-Methylphenols	8.87	107	205969	42.784	ng	97
22) Acetophenone	8.95	105	235279	36.507	ng	# 97
24) Nitrobenzene	9.34	77	170238	40.872	ng	93
25) Isophorone	9.85	82	365681	41.193	ng	99
26) 2-Nitrophenol	10.05	139	71095	46.394	ng	96
27) 2,4-Dimethylphenol	10.09	122	173992	46.891	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	217932	39.239	ng	96
29) 2,4-Dichlorophenol	10.58	162	172239	45.728	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	161642	35.266	ng	99
31) Naphthalene	10.99	128	486185	39.130	ng	100
32) Benzoic acid	10.21	122	101364	49.473	ng	97
33) 4-Chloroaniline	11.10	127	46643	8.002	ng	96
34) Hexachlorobutadiene	11.26	225	94059	33.046	ng	96
35) Caprolactam	11.88	113	70287	45.774	ng	92
36) 4-Chloro-3-methylphenol	12.20	107	197595	44.420	ng	99
37) 2-Methylnaphthalene	12.59	142	379346	41.836	ng	99
38) 1-Methylnaphthalene	12.80	142	363442	41.039	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	188954	33.671	ng	99

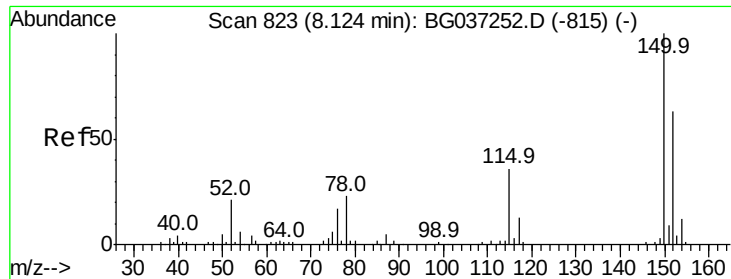
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	209749	90.665	nq	99
43) 2,4,6-Trichlorophenol	13.18	196	148682	45.672	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	161711	46.168	nq	97
46) 1,1'-Biphenyl	13.58	154	503974	35.355	nq	99
47) 2-Chloronaphthalene	13.63	162	393794	36.573	nq	98
48) 2-Nitroaniline	13.84	65	124453	43.300	nq	92
49) Acenaphthylene	14.48	152	664425	40.338	nq	99
50) Dimethylphthalate	14.20	163	546782	40.151	nq	99
51) 2,6-Dinitrotoluene	14.33	165	114863	43.881	nq	92
52) Acenaphthene	14.81	154	387976	38.133	nq	99
53) 3-Nitroaniline	14.66	138	43275	15.188	nq	98
54) 2,4-Dinitrophenol	14.86	184	46549	68.310	nq	97
55) Dibenzofuran	15.15	168	623442	37.764	nq	100
56) 4-Nitrophenol	14.95	139	209172	94.179	nq	99
57) 2,4-Dinitrotoluene	15.11	165	156472	46.877	nq	97
58) Fluorene	15.79	166	506673	40.580	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	147924	47.700	nq	99
60) Diethylphthalate	15.56	149	553721	39.235	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	264158	36.195	nq	97
62) 4-Nitroaniline	15.82	138	127154	42.518	nq	98
63) Azobenzene	16.08	77	521917	38.571	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	50323	38.730	nq	98
66) n-Nitrosodiphenylamine	16.00	169	477196	37.820	nq	100
67) 4-Bromophenyl-phenylether	16.68	248	167826	36.193	nq	97
68) Hexachlorobenzene	16.79	284	170076	35.376	nq	97
69) Atrazine	16.94	200	186018	39.667	nq	99
70) Pentachlorophenol	17.13	266	209896	67.668	nq	93
71) Phenanthrene	17.54	178	861107	39.372	nq	99
72) Anthracene	17.63	178	877289	40.981	nq	98
73) Carbazole	17.90	167	821404	37.241	nq	99
74) Di-n-butylphthalate	18.44	149	981675	41.525	nq	99
75) Fluoranthene	19.54	202	1028670	40.242	nq	99
77) Benzidine	19.72	184	195912	12.868	nq	99
78) Pyrene	19.91	202	1022572	39.424	nq	99
80) Butylbenzylphthalate	20.78	149	437112	43.315	nq	98
81) Benzo(a)anthracene	21.76	228	967297	40.583	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	135354	14.721	nq	98
83) Chrysene	21.83	228	892757	39.265	nq	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	618841	42.705	nq	100
85) Di-n-octyl phthalate	22.90	149	1045960	44.471	nq	98
86) Indeno(1,2,3-cd)pyrene	28.96	276	1065486	42.279	nq	# 87
88) Benzo(b)fluoranthene	24.05	252	974621	42.965	nq	99
89) Benzo(k)fluoranthene	24.13	252	897945	40.116	nq	98
90) Benzo(a)pyrene	24.96	252	925654	42.556	nq	98
91) Dibenzo(a,h)anthracene	29.05	278	868648	41.737	nq	95
92) Benzo(g,h,i)perylene	30.18	276	879897	42.331	nq	97

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

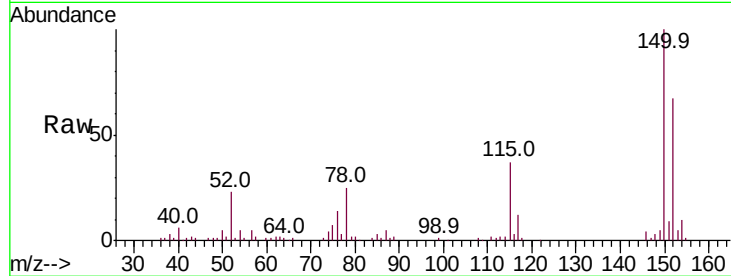


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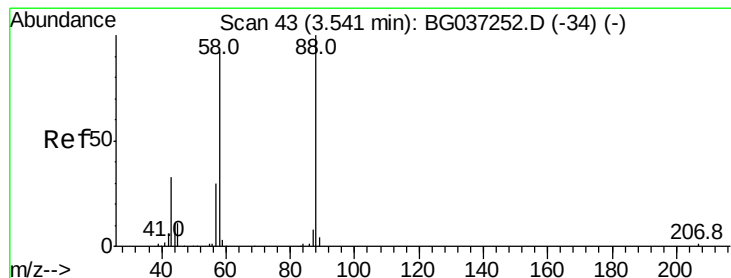
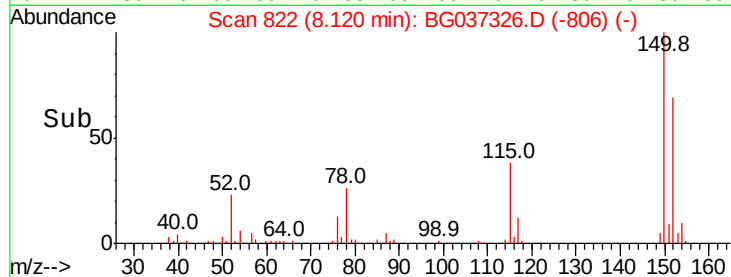
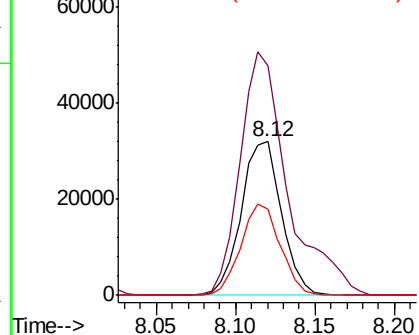
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :
PB113715BS

Tot Ion:152 Resp: 56596
Ion Ratio Lower Upper
152 100
150 149.7 126.0 189.0
115 55.7 45.5 68.3



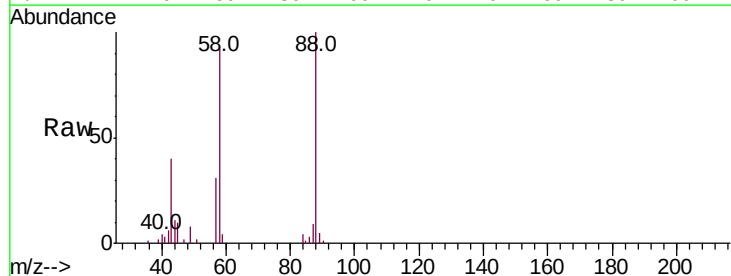
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



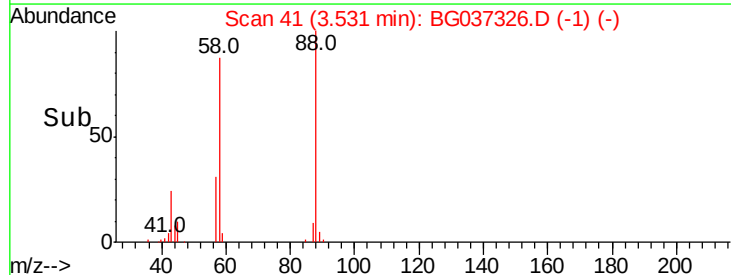
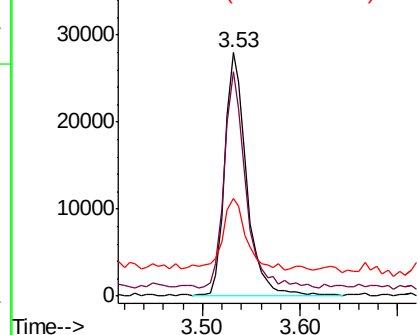
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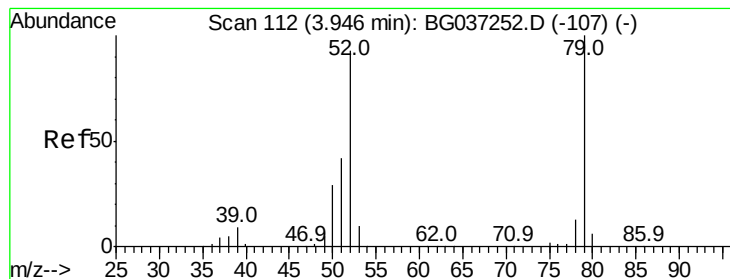
1,4-Dioxane
Concen: 24.063 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion: 88 Resp: 43460
Ion Ratio Lower Upper
88 100
58 87.1 74.4 111.6
43 30.4 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: 29.175 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

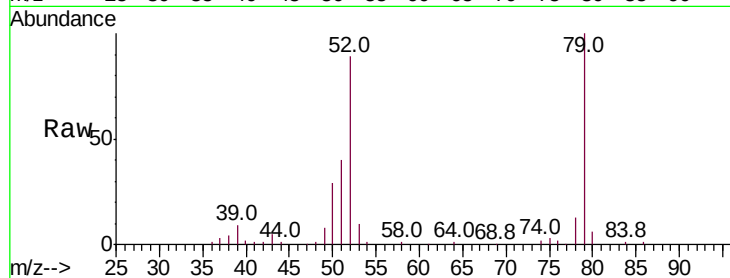
Tot Ion: 79 Resp: 125109

Ion Ratio Lower Upper

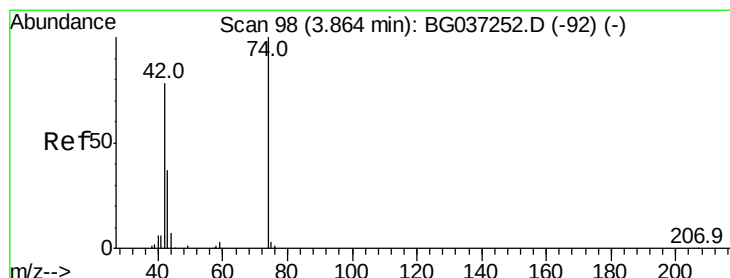
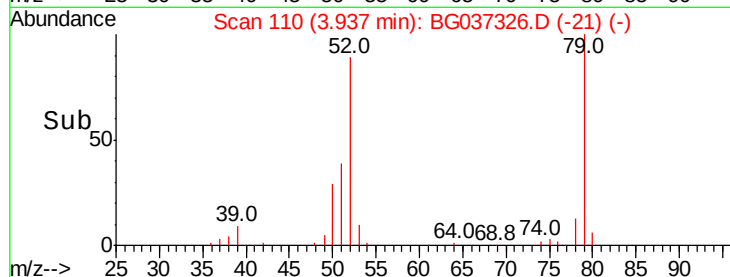
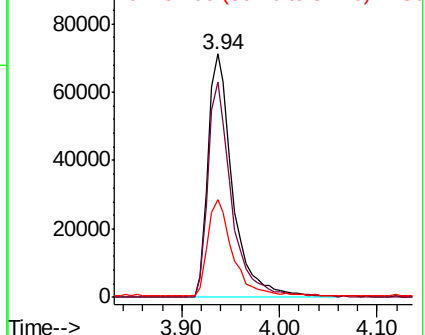
79 100

52 88.7 74.2 111.2

51 40.2 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: 35.349 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

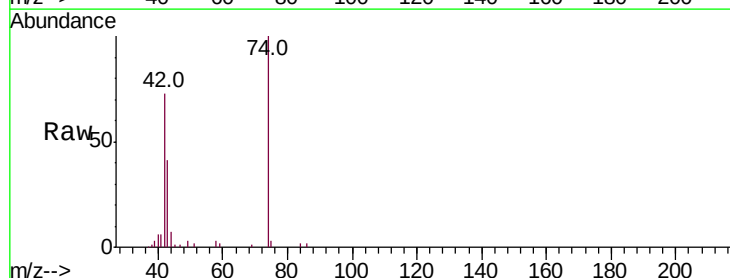
Tgt Ion: 42 Resp: 58866

Ion Ratio Lower Upper

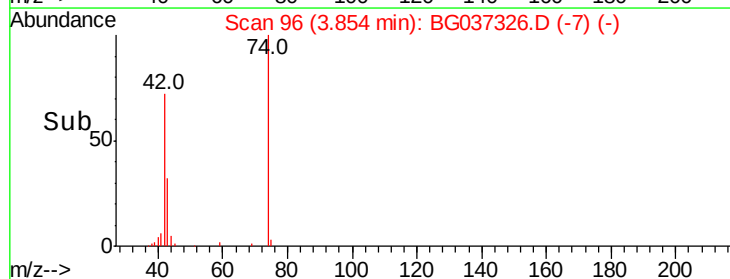
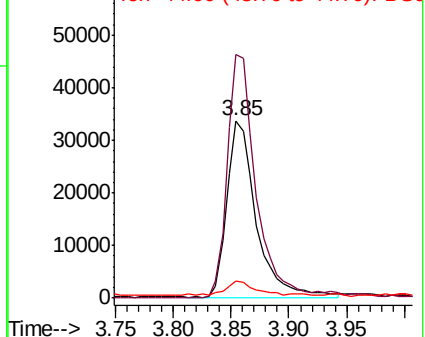
42 100

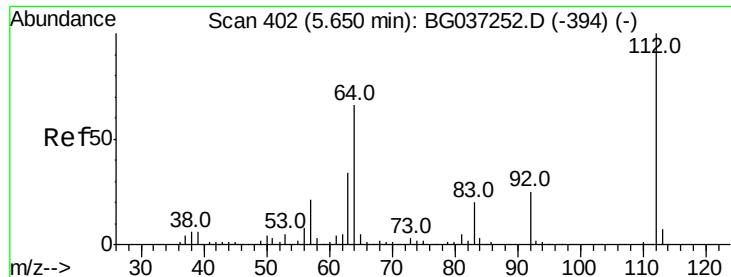
74 137.4 102.0 153.0

44 9.3 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: 123.505 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

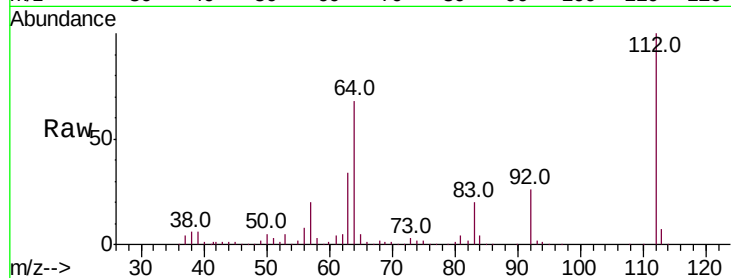
Tot Ion:112 Resp: 397173

Ion Ratio Lower Upper

112 100

64 68.4 53.1 79.7

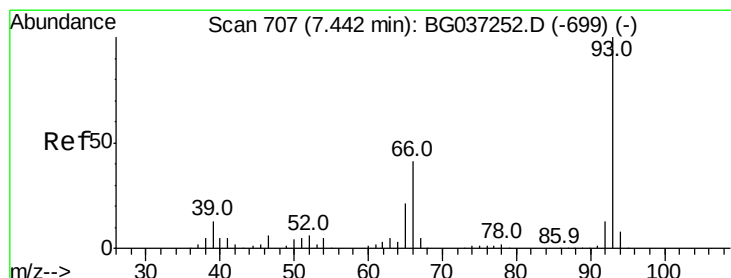
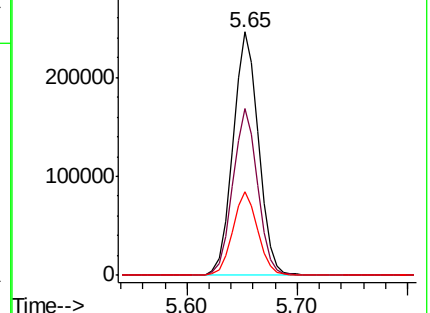
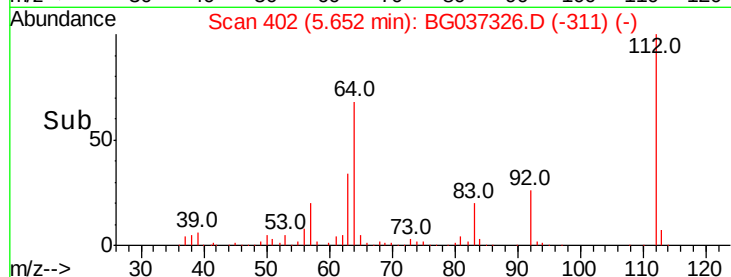
63 34.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.282 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

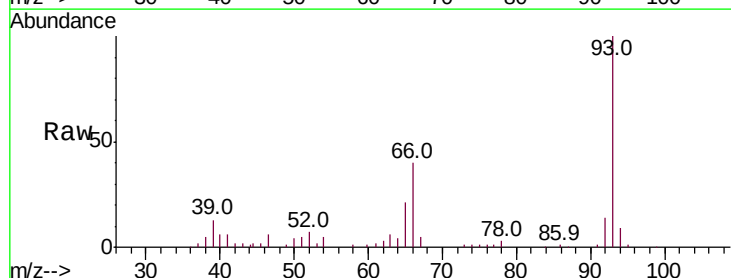
Tgt Ion: 93 Resp: 104036

Ion Ratio Lower Upper

93 100

66 40.4 32.8 49.2

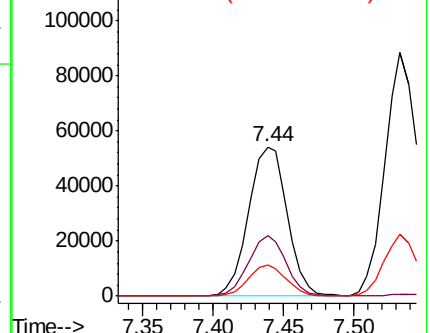
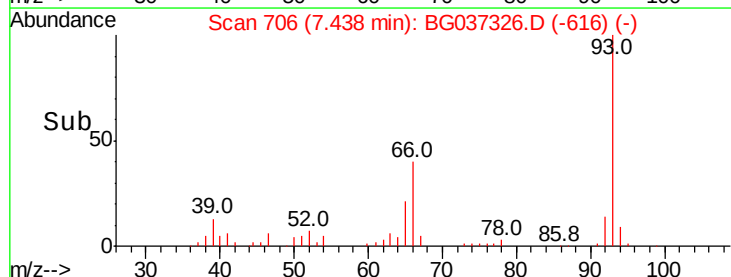
65 21.1 16.4 24.6

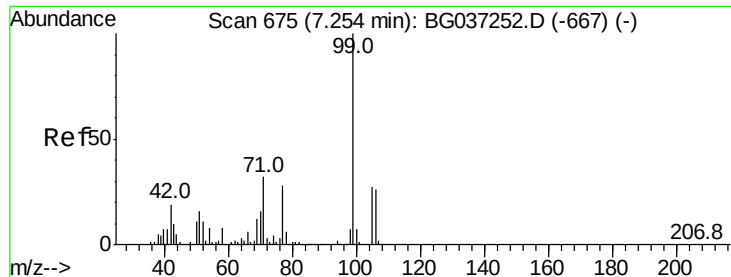


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.646 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

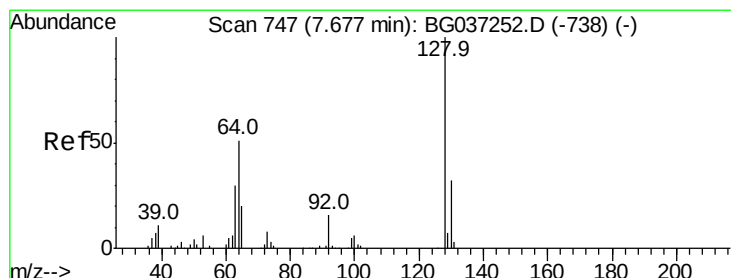
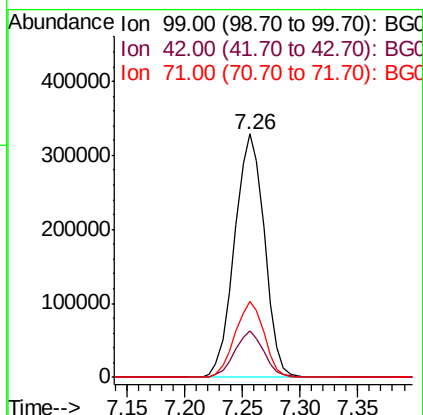
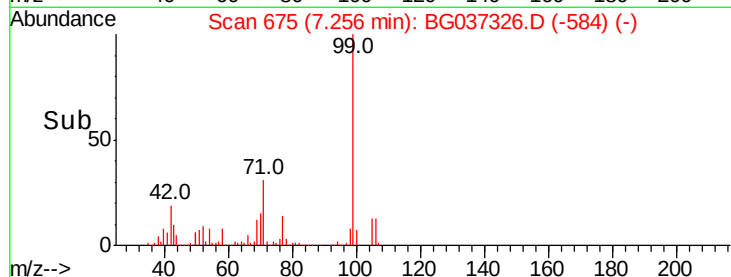
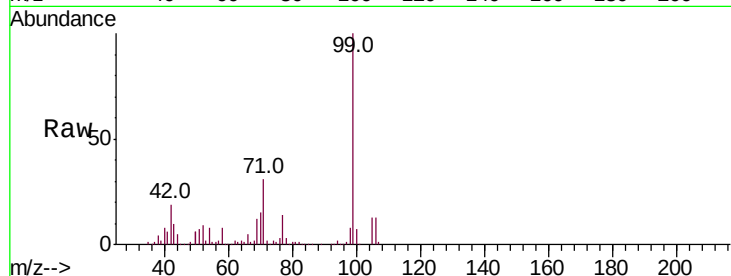
Tot Ion: 99 Resp: 588888

Ion Ratio Lower Upper

99 100

42 18.9 15.0 22.4

71 31.4 25.5 38.3



#8

2-Chlorophenol

Concen: 41.653 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

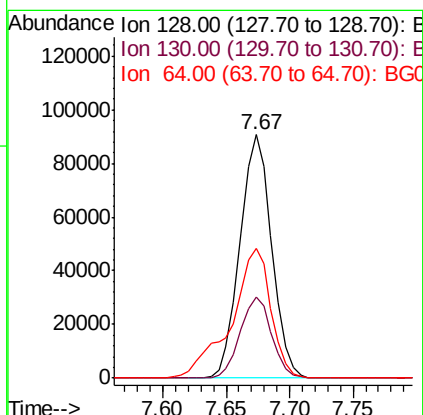
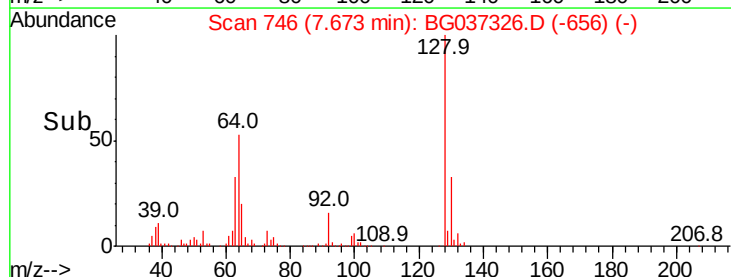
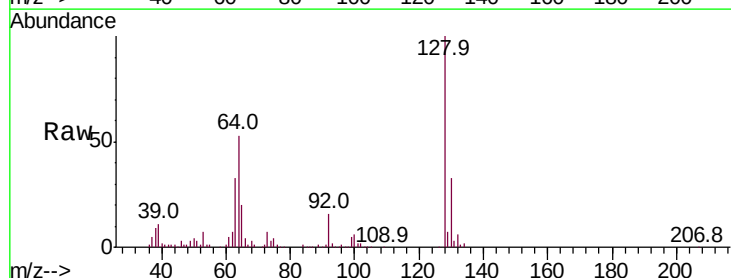
Tgt Ion: 128 Resp: 156771

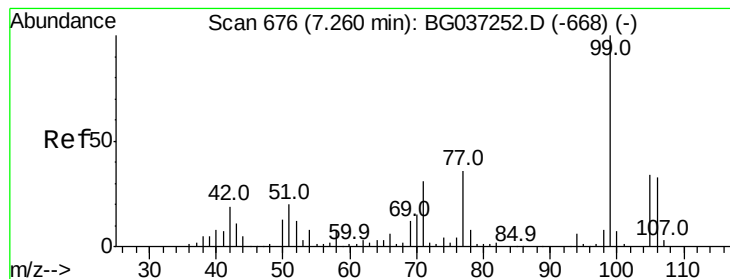
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 53.3 32.9 72.9





#9

Benzaldehyde

Concen: 24.815 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

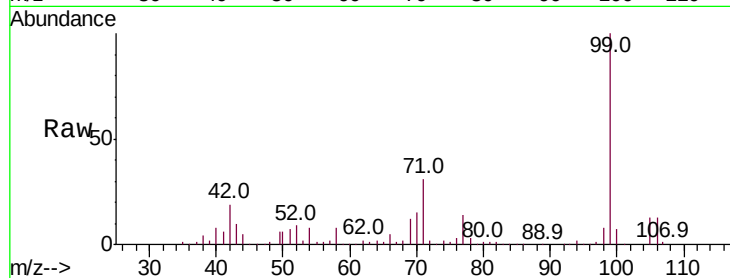
Tot Ion: 77 Resp: 83393

Ion Ratio Lower Upper

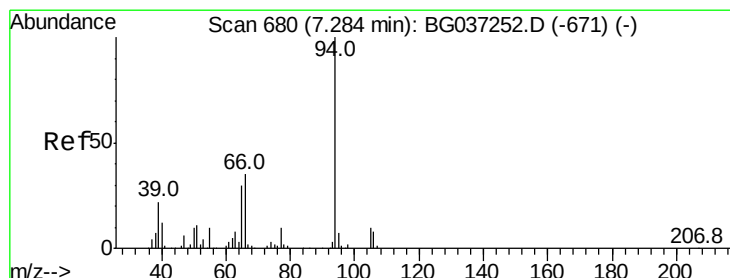
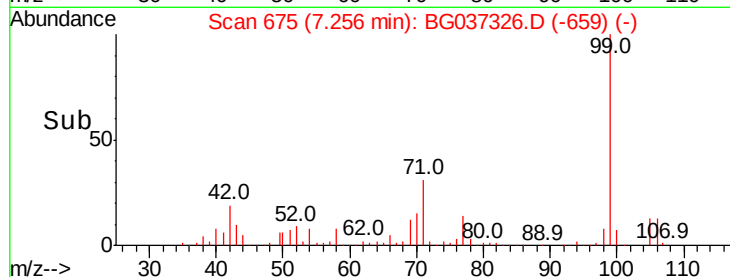
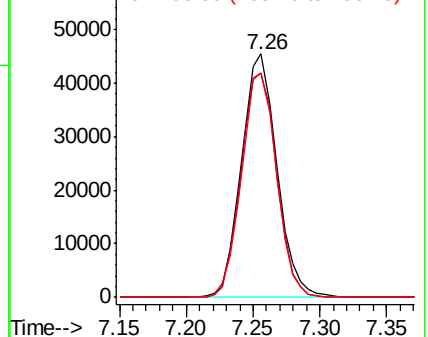
77 100

105 92.2 72.6 112.6

106 92.4 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: 42.009 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

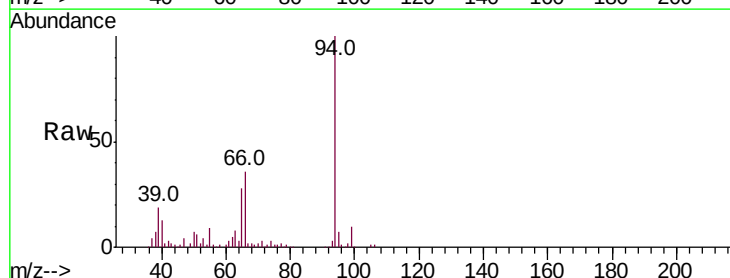
Tgt Ion: 94 Resp: 215960

Ion Ratio Lower Upper

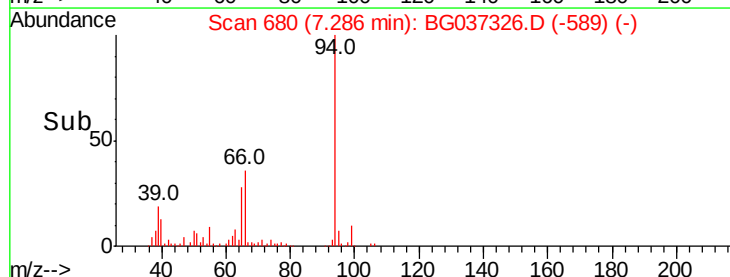
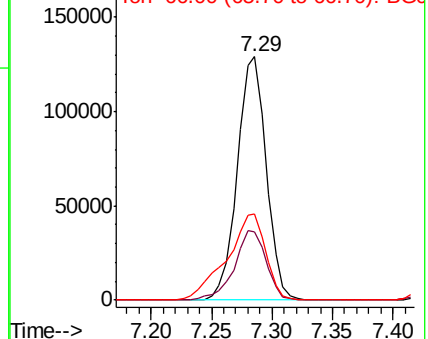
94 100

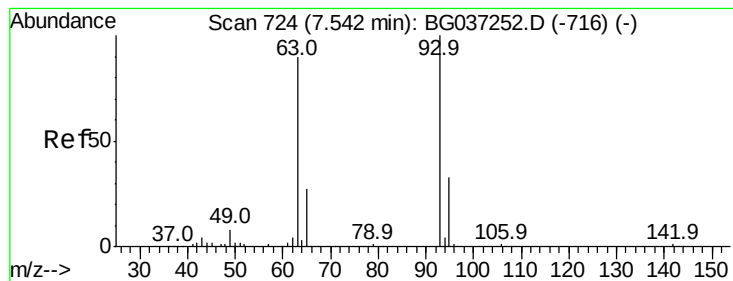
65 28.3 9.7 49.7

66 35.6 15.9 55.9



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

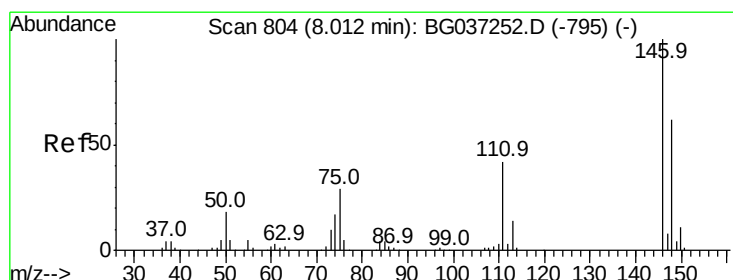
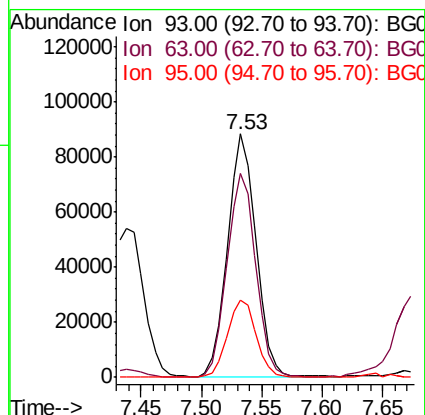
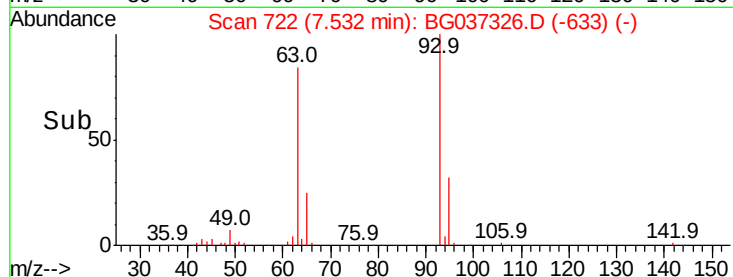
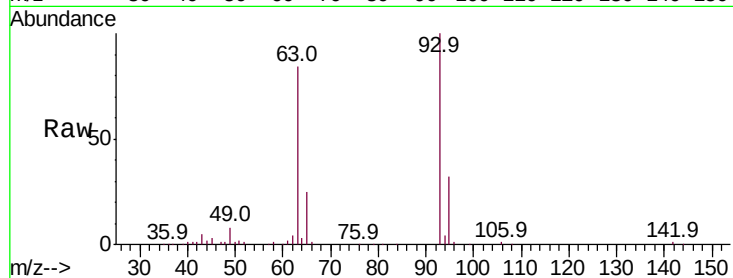




#11
 bis(2-Chloroethyl)ether
 Concen: 34.351 ng
 RT: 7.53 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

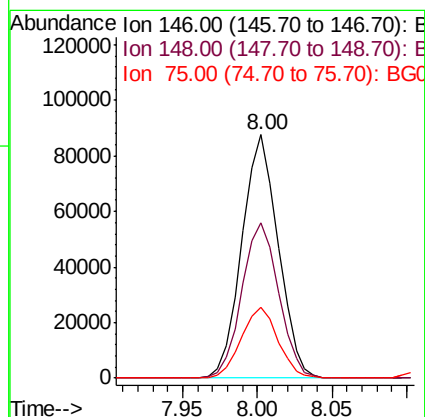
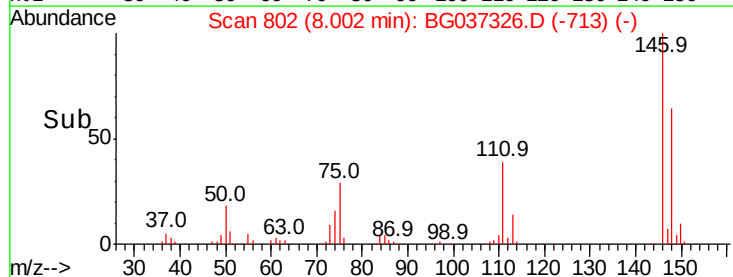
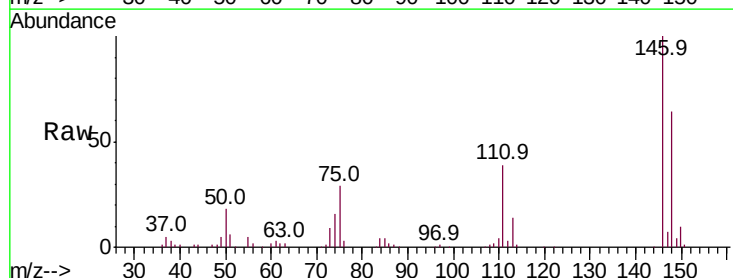
Instrument :
 BNA_G
 ClientSampleId :
 PB113715BS

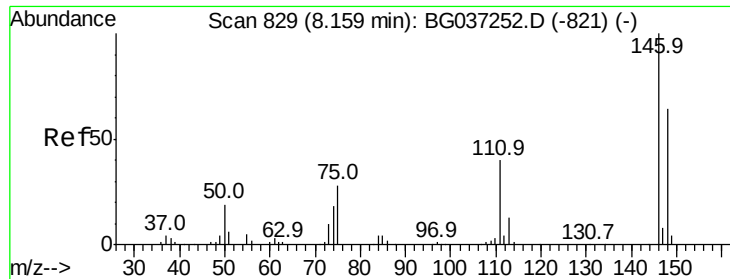
Tot Ion: 93 Resp: 144270
 Ion Ratio Lower Upper
 93 100
 63 84.0 69.5 109.5
 95 31.7 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 33.312 ng
 RT: 8.00 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Tgt Ion: 146 Resp: 147391
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.8 74.8
 75 28.9 23.2 34.8

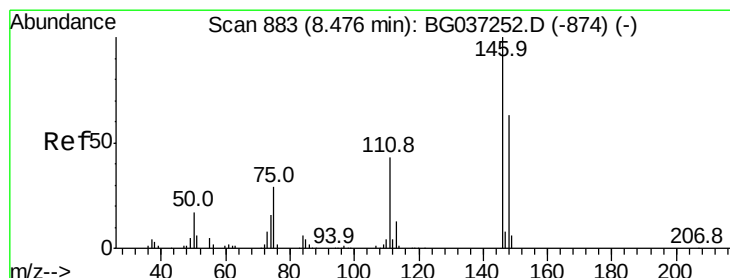
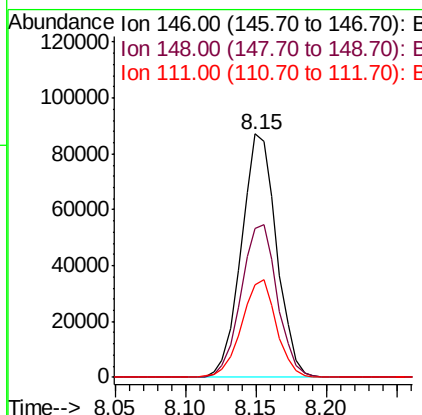
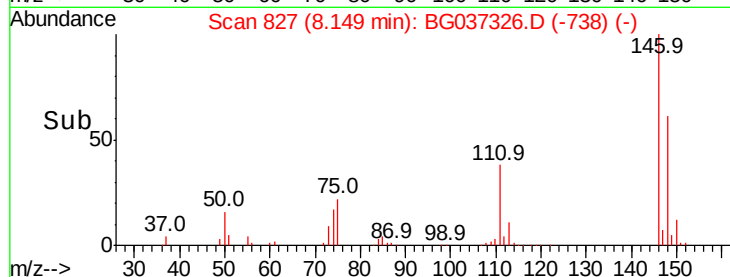
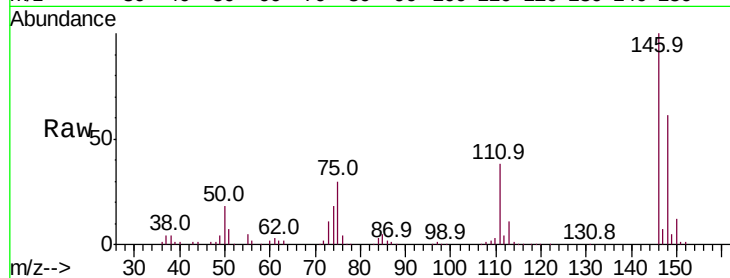




#13
 1,4-Dichlorobenzene
 Concen: 33.891 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

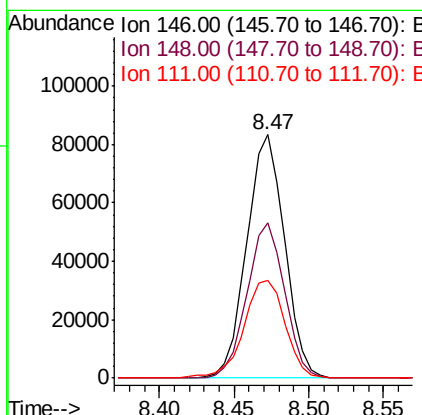
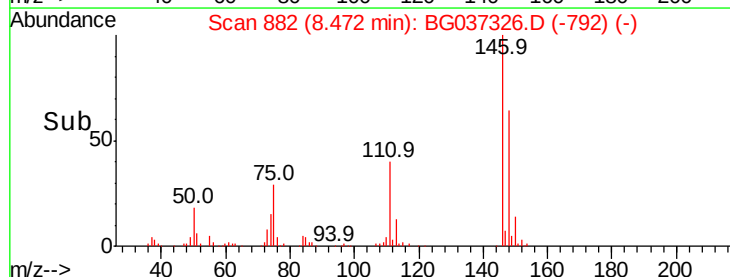
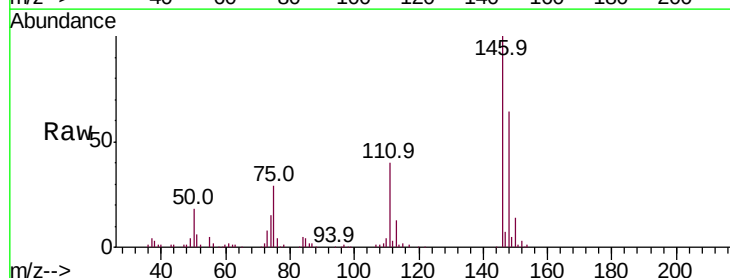
Instrument :
 BNA_G
 ClientSampleId :
 PB113715BS

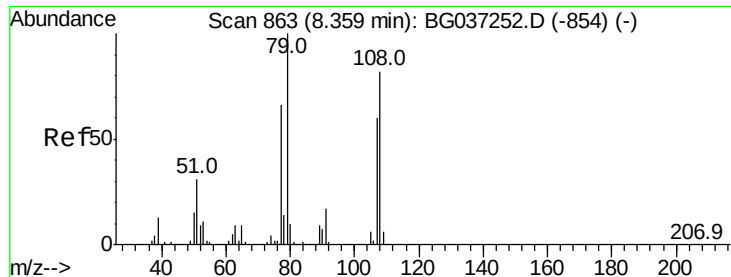
Tot Ion:146 Resp: 151820
 Ion Ratio Lower Upper
 146 100
 148 61.2 51.0 76.6
 111 38.1 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 33.609 ng
 RT: 8.47 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Tgt Ion:146 Resp: 145891
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 40.1 34.6 51.8





#15

Benzyl Alcohol

Concen: 38.379 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

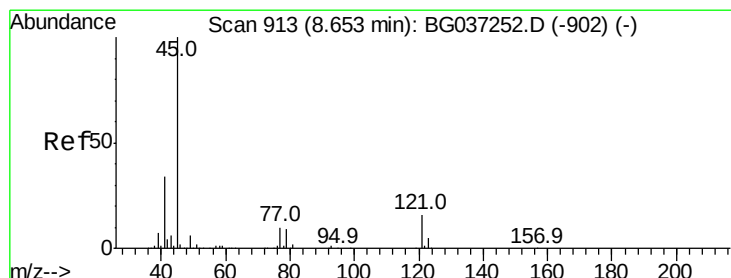
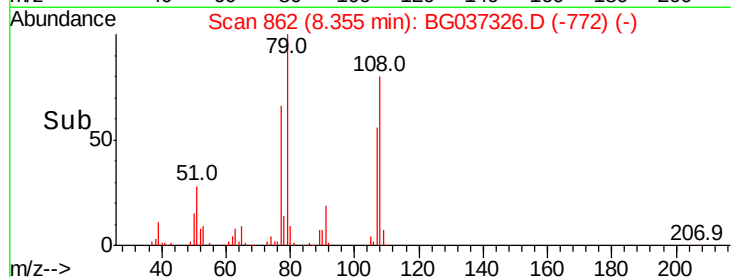
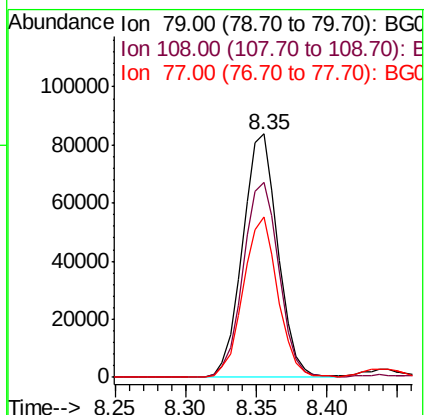
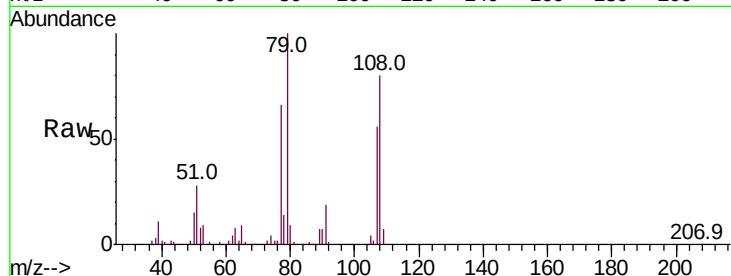
Tot Ion: 79 Resp: 146535

Ion Ratio Lower Upper

79 100

108 80.1 65.8 98.8

77 65.9 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.344 ng

RT: 8.64 min Scan# 910

Delta R.T. -0.02 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

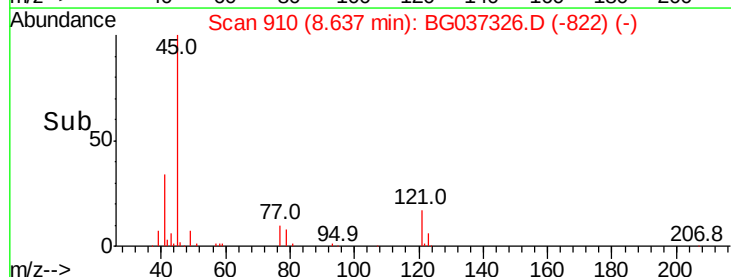
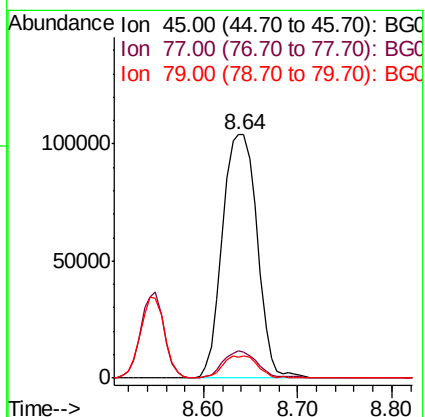
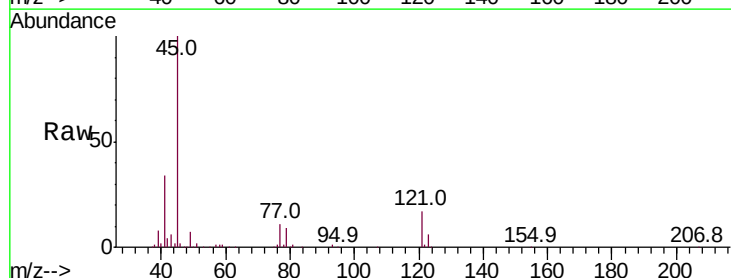
Tgt Ion: 45 Resp: 268542

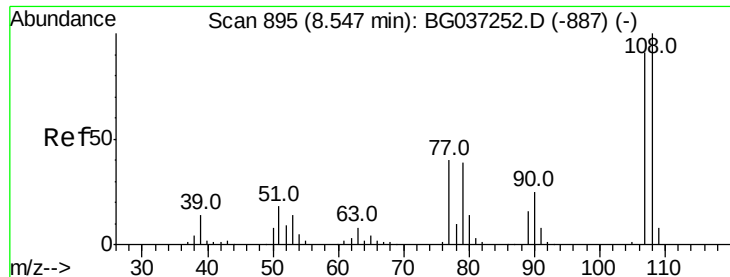
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.0

79 8.5 0.0 29.0

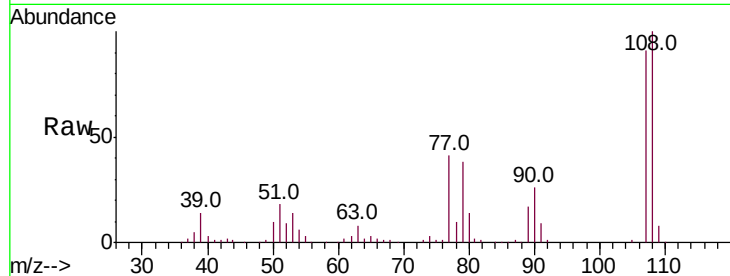




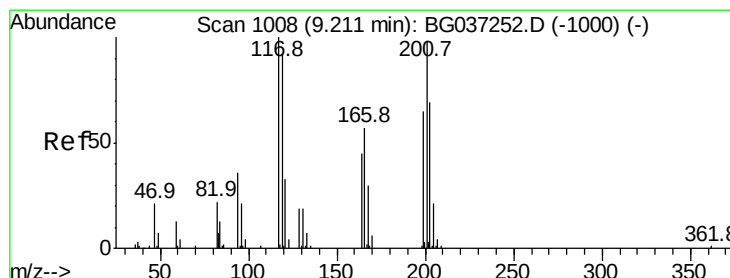
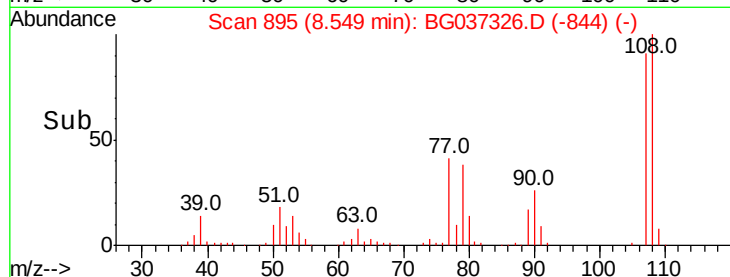
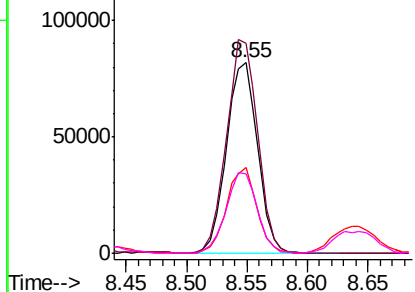
#17
2-Methylphenol
Concen: 42.679 ng
RT: 8.55 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :
PB113715BS

Tot Ion:	107	Resp:	146942
Ion	Ratio	Lower	Upper
107	100		
108	109.9	87.9	131.9
77	45.1	35.1	52.7
79	41.9	34.5	51.7

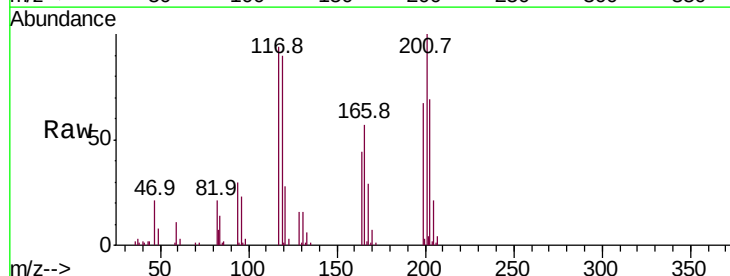


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

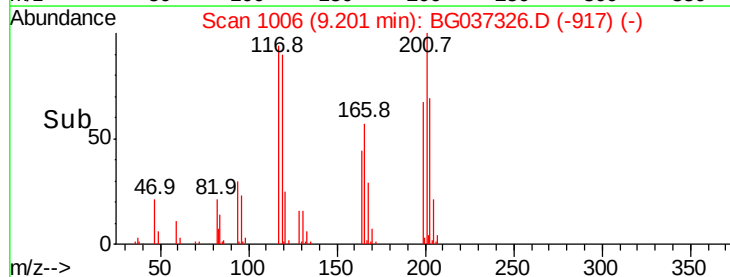
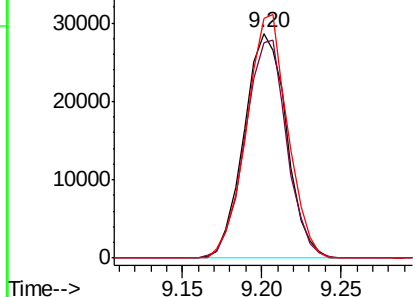


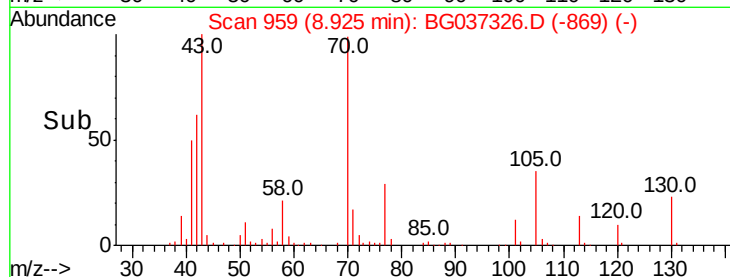
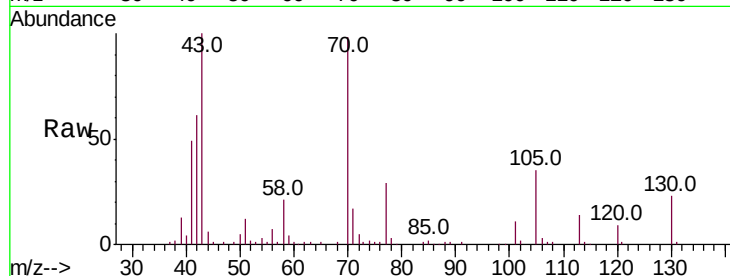
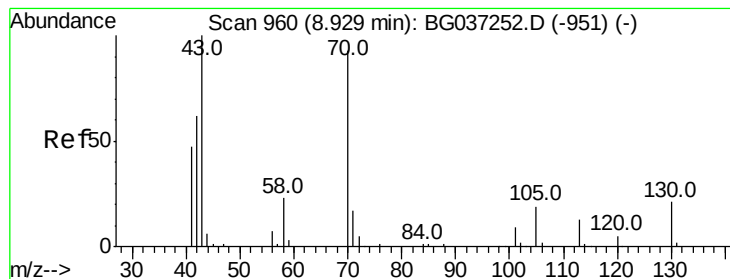
#18
Hexachloroethane
Concen: 34.948 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion:	117	Resp:	53433
Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.6	111.8
201	110.7	80.8	121.2



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





#19

n-Nitroso-di-n-propylamine

Concen: 33.486 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

Tot Ion: 70 Resp: 123750

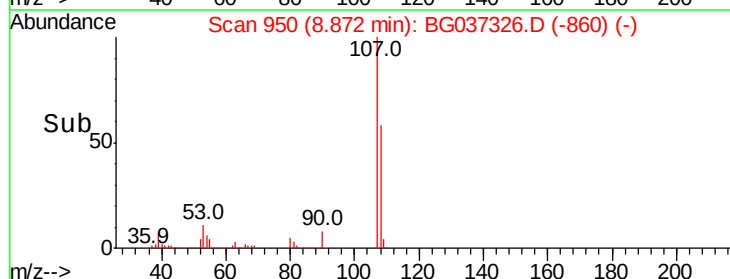
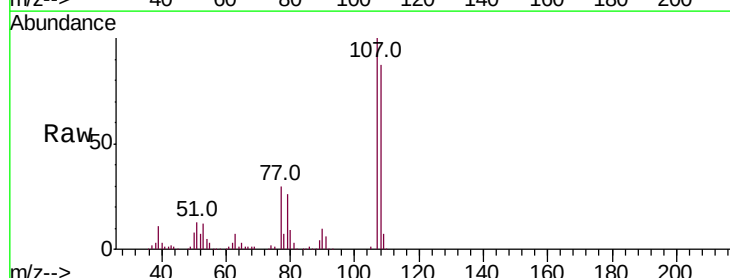
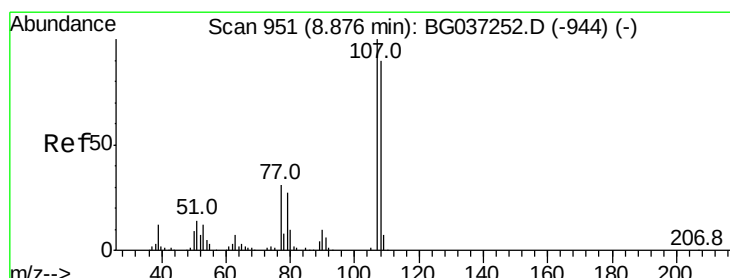
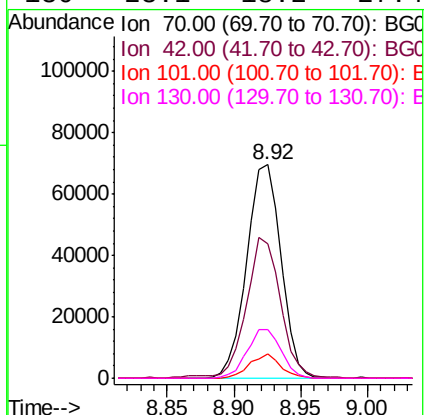
Ion Ratio Lower Upper

70 100

42 62.6 53.9 80.9

101 11.7 8.2 12.2

130 23.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 42.784 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Tgt Ion: 107 Resp: 205969

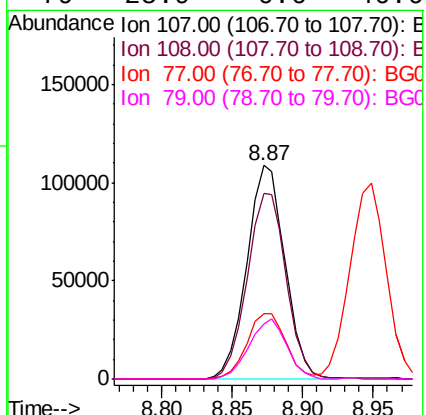
Ion Ratio Lower Upper

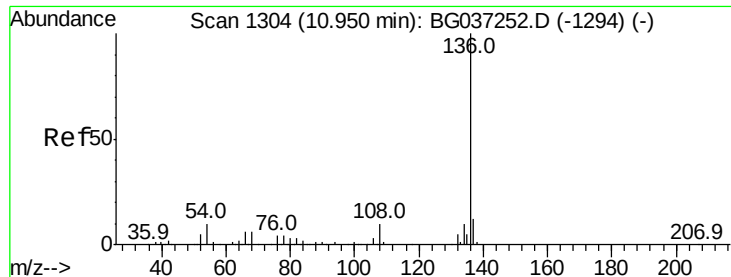
107 100

108 86.8 69.9 109.9

77 30.3 11.2 51.2

79 25.9 6.6 46.6

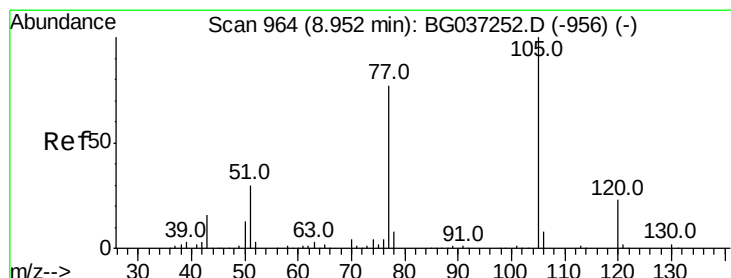
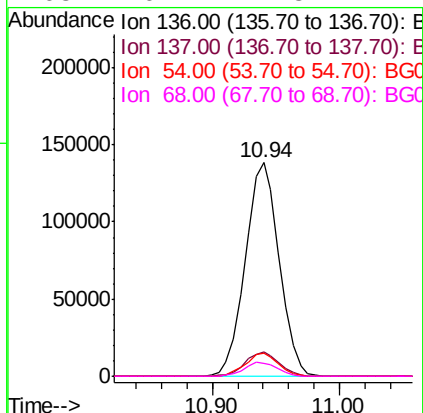
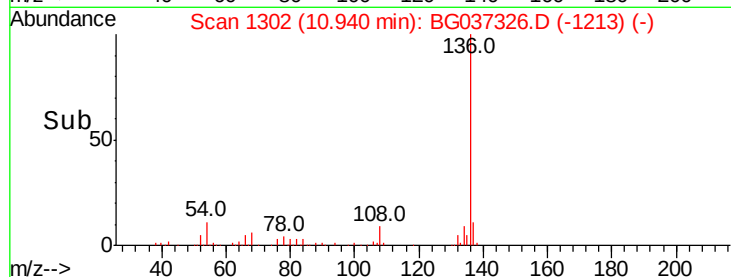
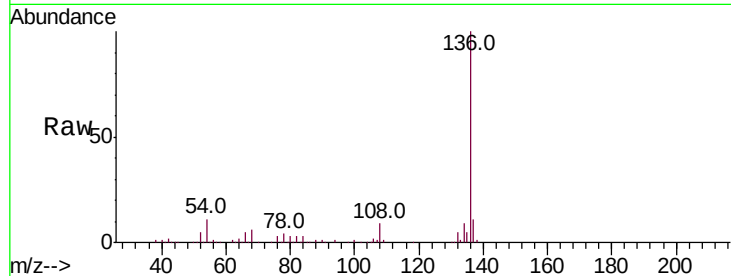




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

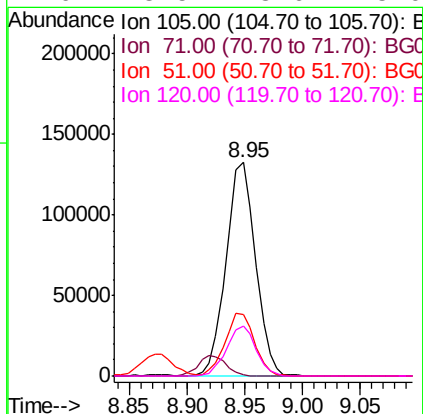
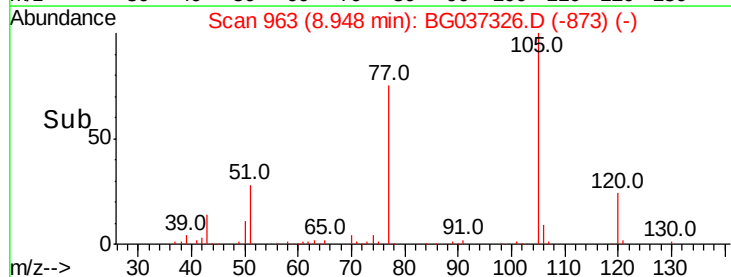
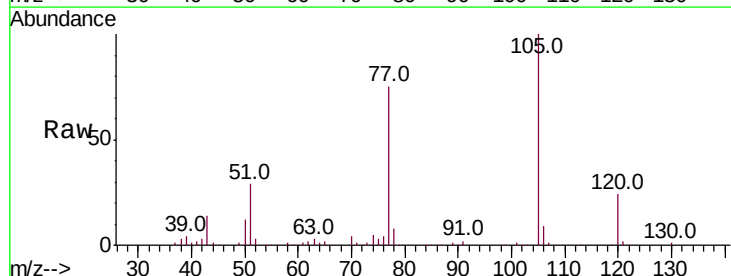
Instrument :
BNA_G
ClientSampleId :
PB113715BS

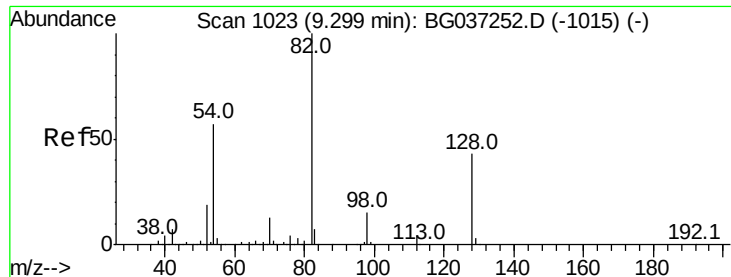
Tot Ion:136	Resp:	255662	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.6	14.4	
54 11.1	7.9	11.9	
68 6.2	4.8	7.2	



#22
Acetophenone
Concen: 36.507 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt	Ion:105	Resp:	235279
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.2	1.8#
51	28.7	25.0	37.6
120	23.5	18.6	28.0

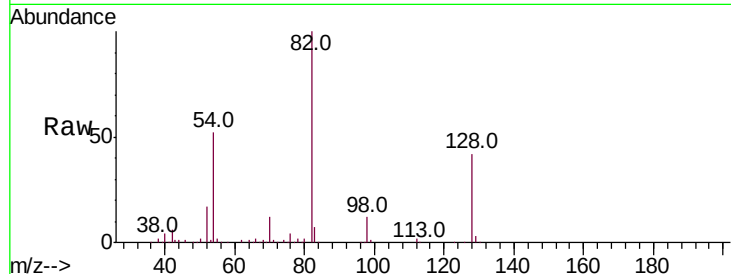




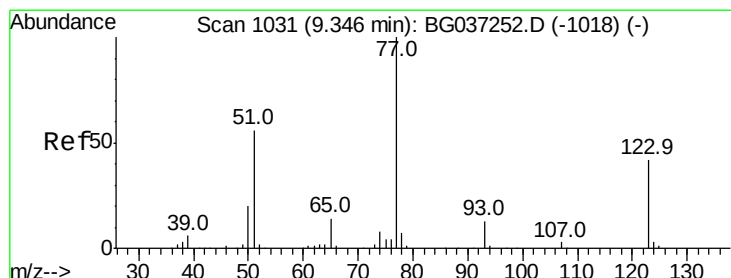
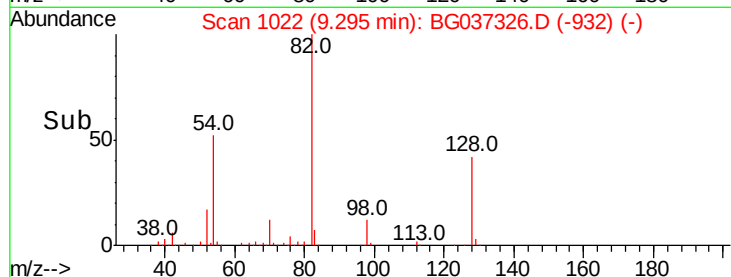
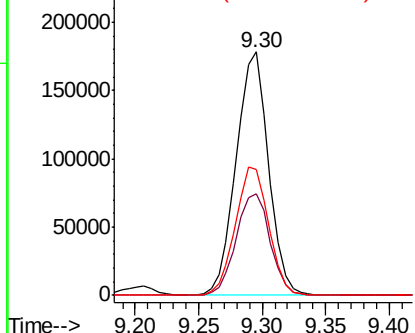
#23
Nitrobenzene-d5
Concen: 81.410 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :
PB113715BS

Tot Ion: 82 Resp: 316579
Ion Ratio Lower Upper
82 100
128 41.9 34.6 51.8
54 51.9 45.3 67.9

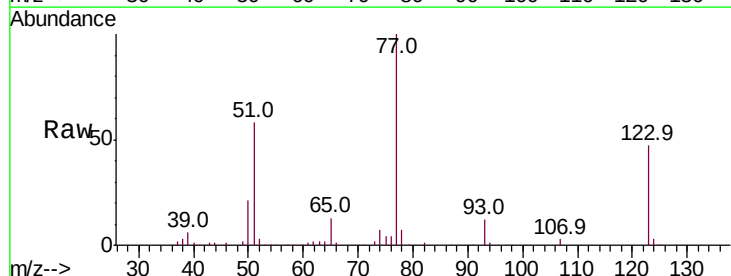


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

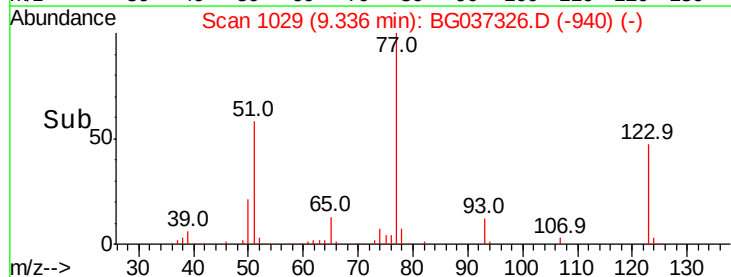
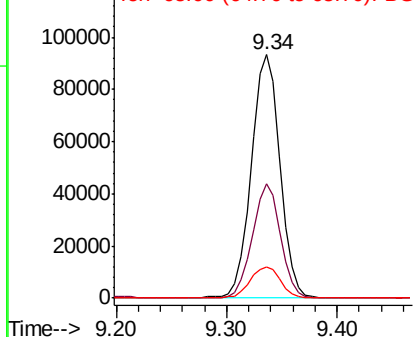


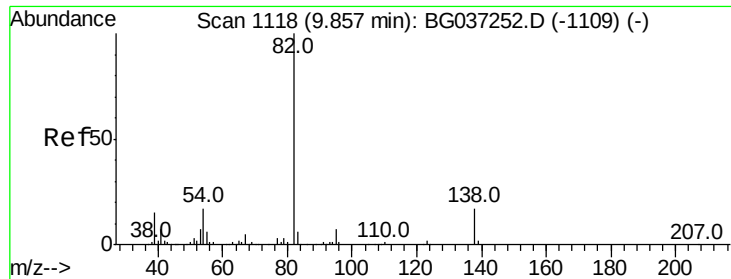
#24
Nitrobenzene
Concen: 40.872 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion: 77 Resp: 170238
Ion Ratio Lower Upper
77 100
123 47.2 33.6 50.4
65 12.7 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 41.193 ng

RT: 9.85 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

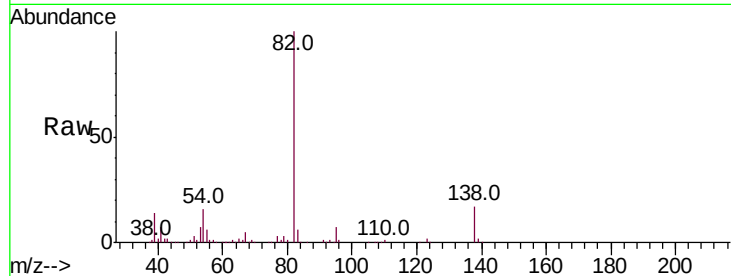
Tot Ion: 82 Resp: 365681

Ion Ratio Lower Upper

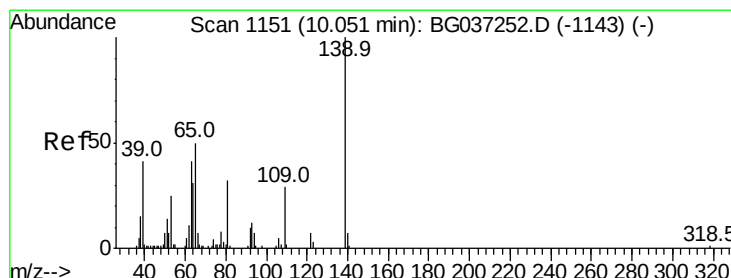
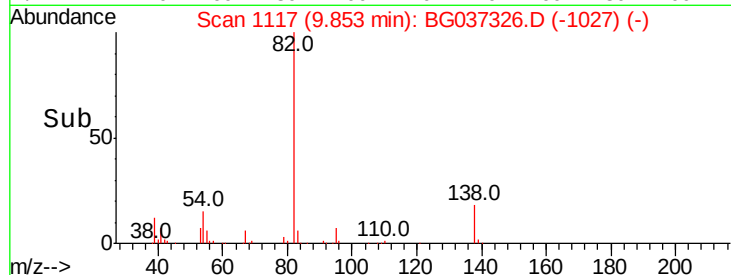
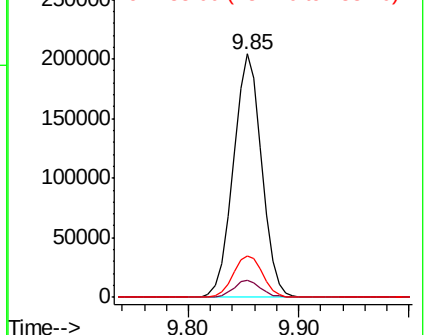
82 100

95 7.1 5.3 7.9

138 17.1 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: 46.394 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

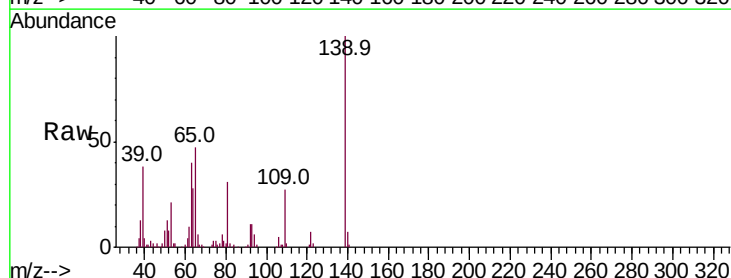
Tgt Ion: 139 Resp: 71095

Ion Ratio Lower Upper

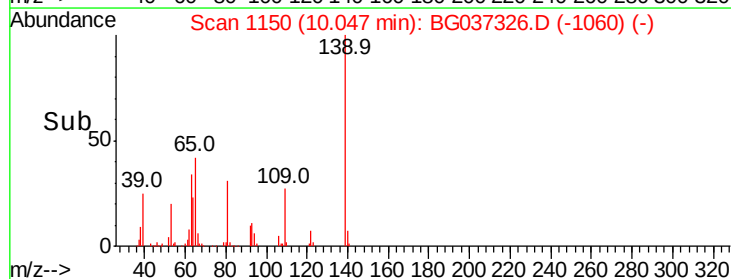
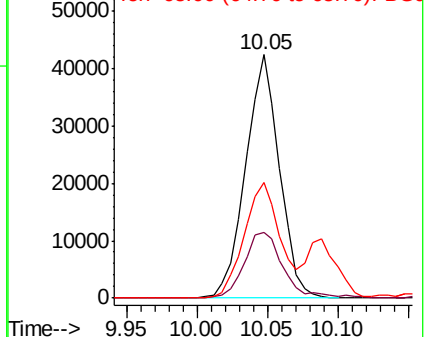
139 100

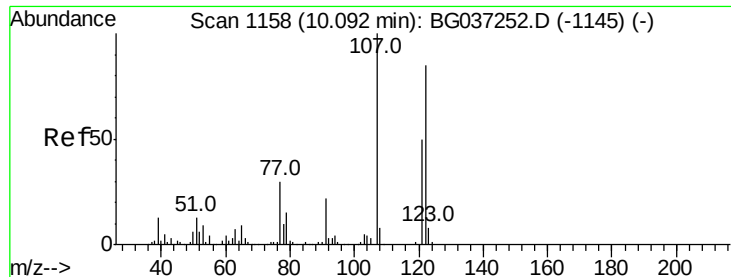
109 26.8 23.3 34.9

65 47.3 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: 46.891 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

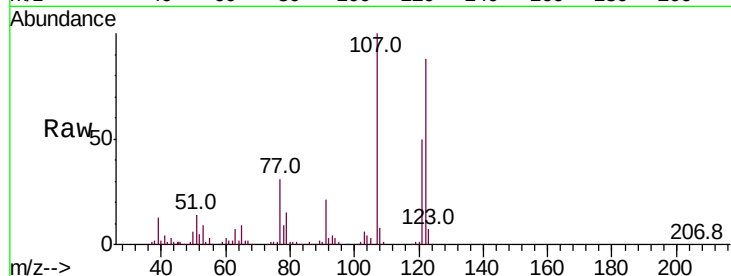
Tot Ion:122 Resp: 173992

Ion Ratio Lower Upper

122 100

107 113.6 94.2 141.2

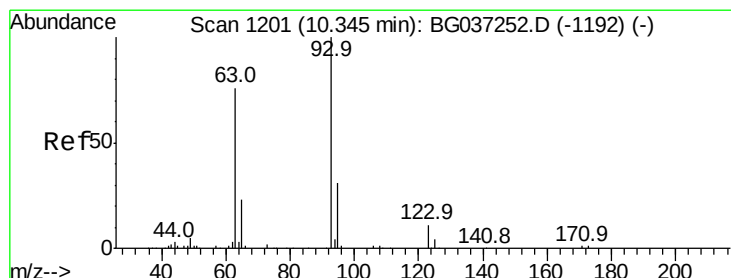
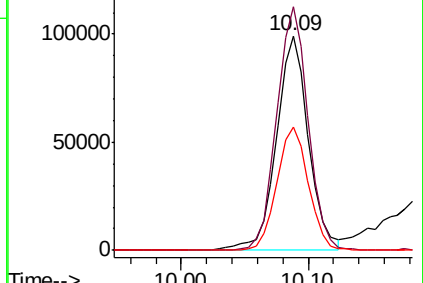
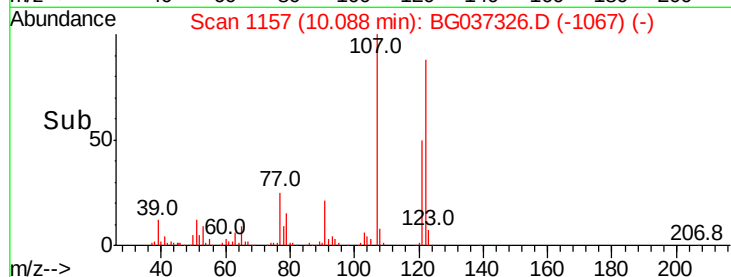
121 57.3 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.239 ng

RT: 10.33 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

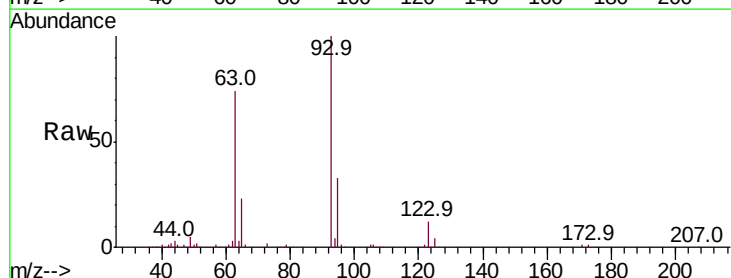
Tgt Ion: 93 Resp: 217932

Ion Ratio Lower Upper

93 100

95 33.2 24.6 37.0

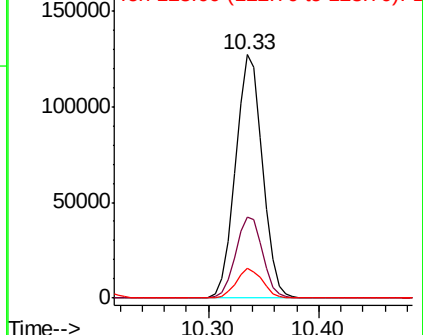
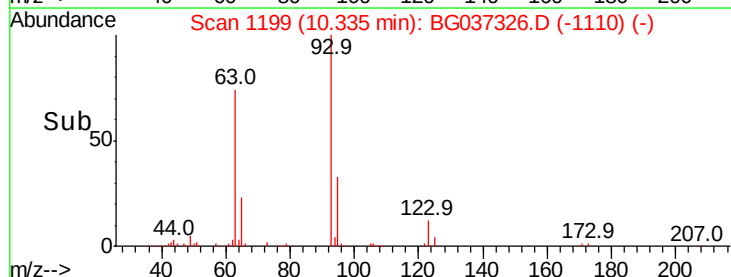
123 12.4 9.1 13.7

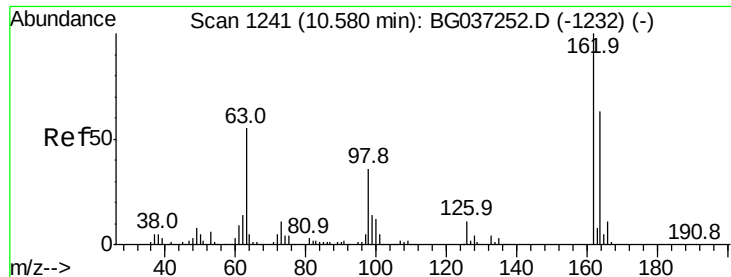


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.728 ng

RT: 10.58 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

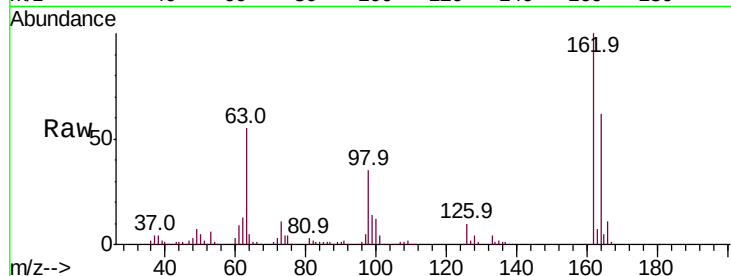
Tot Ion:162 Resp: 172239

Ion Ratio Lower Upper

162 100

164 62.5 43.2 83.2

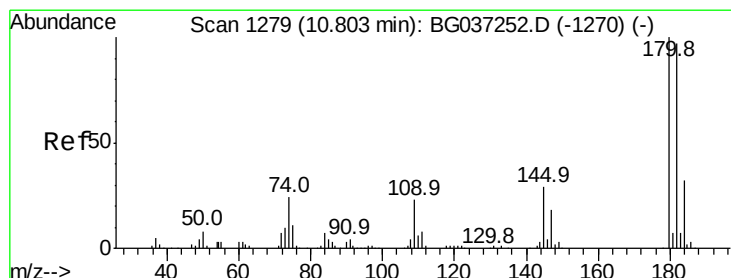
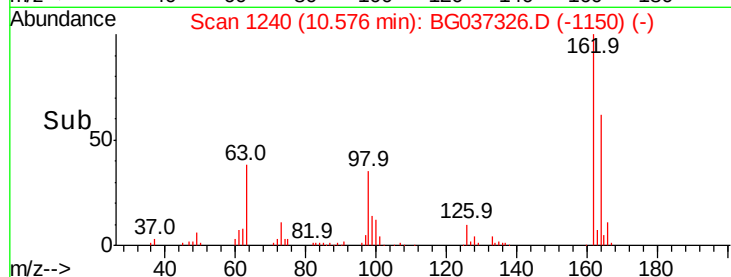
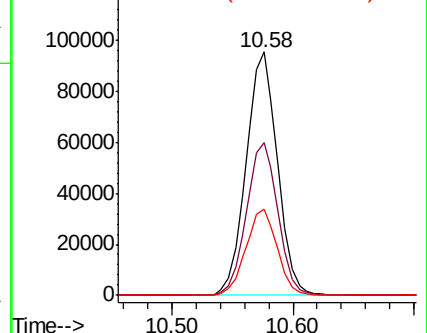
98 35.5 16.0 56.0



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): B



#30

1,2,4-Trichlorobenzene

Concen: 35.266 ng

RT: 10.79 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

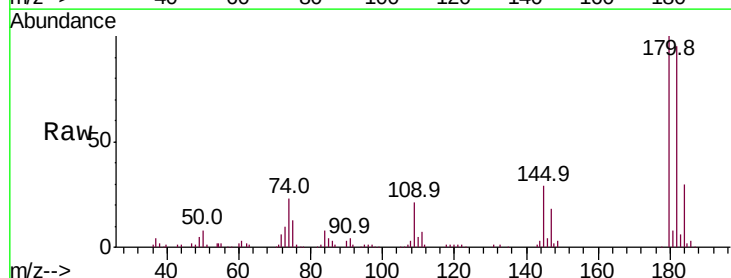
Tgt Ion:180 Resp: 161642

Ion Ratio Lower Upper

180 100

182 95.4 77.7 116.5

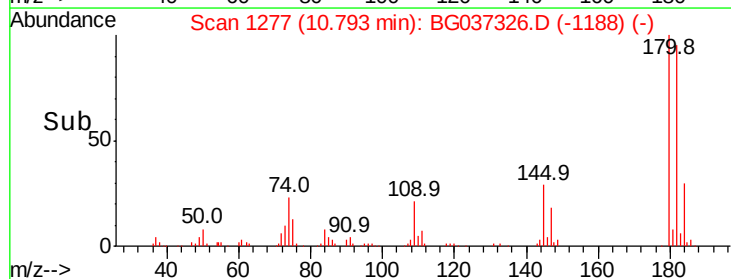
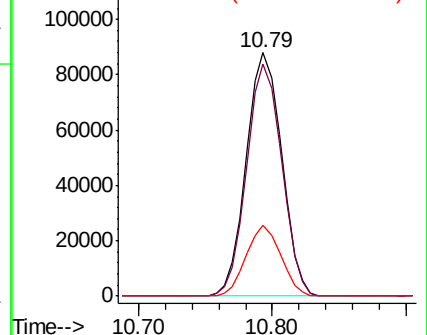
145 29.1 23.3 34.9

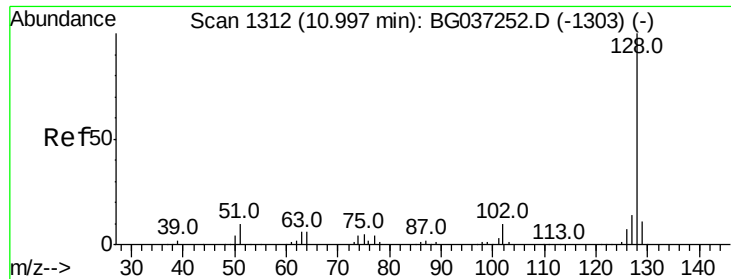


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

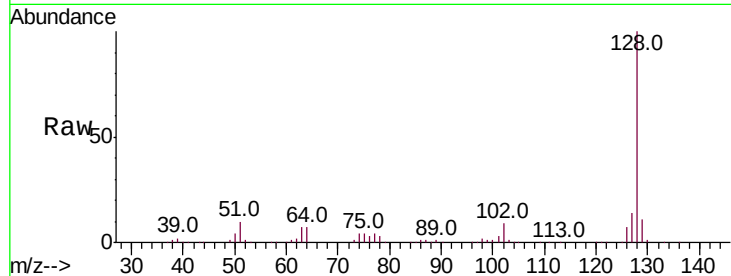




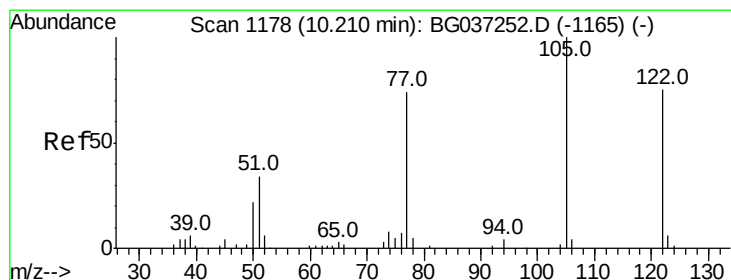
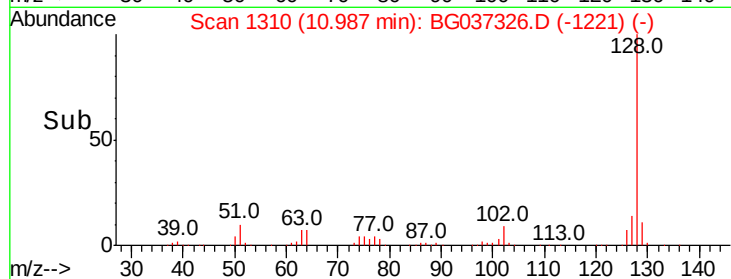
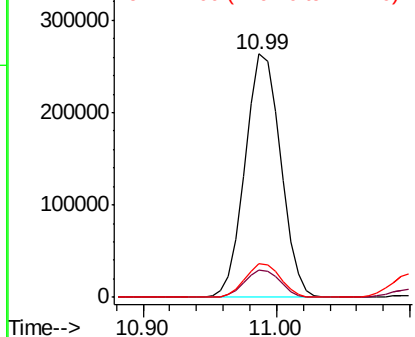
#31
Naphthalene
Concen: 39.130 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :
PB113715BS

Tot Ion:128 Resp: 486185
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.7 11.1 16.7

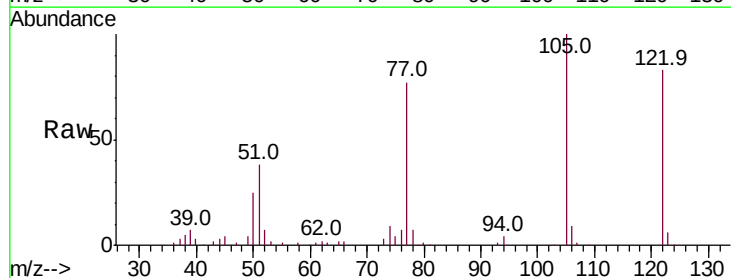


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

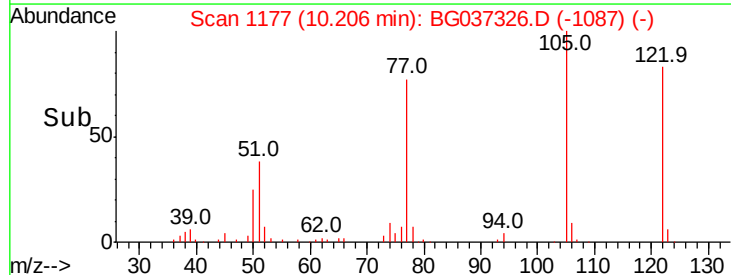
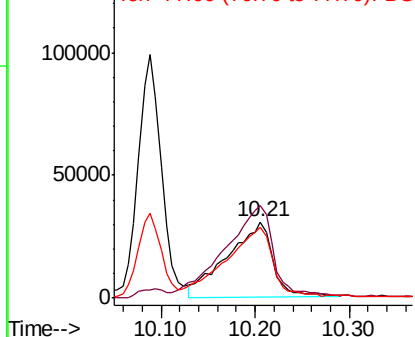


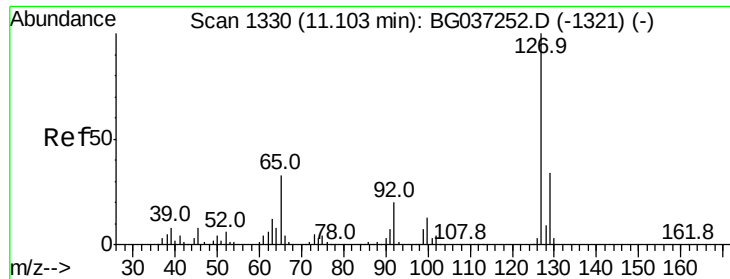
#32
Benzoic acid
Concen: 49.473 ng
RT: 10.21 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion:122 Resp: 101364
Ion Ratio Lower Upper
122 100
105 120.7 106.7 146.7
77 93.1 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): BGO





#33

4-Chloroaniline

Concen: 8.002 ng

RT: 11.10 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

Tot Ion:127 Resp: 46643

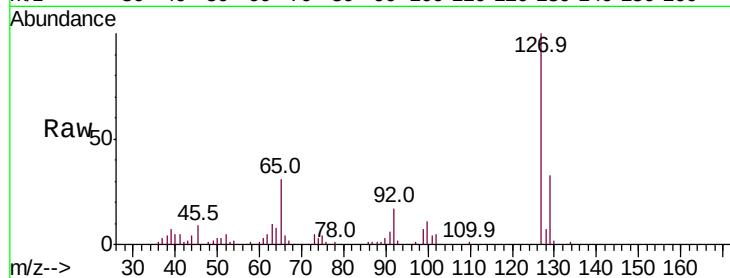
Ion Ratio Lower Upper

127 100

129 32.7 27.1 40.7

65 30.8 26.6 39.8

92 17.3 16.4 24.6

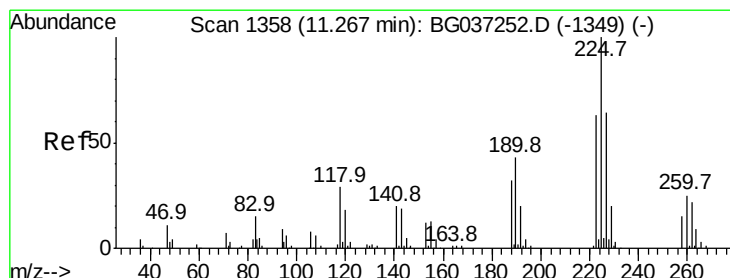
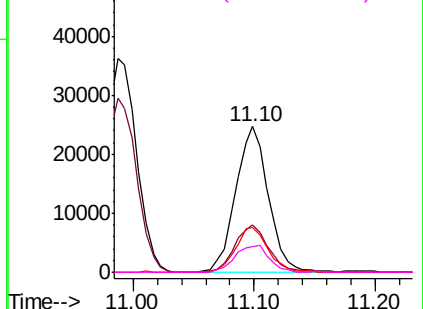
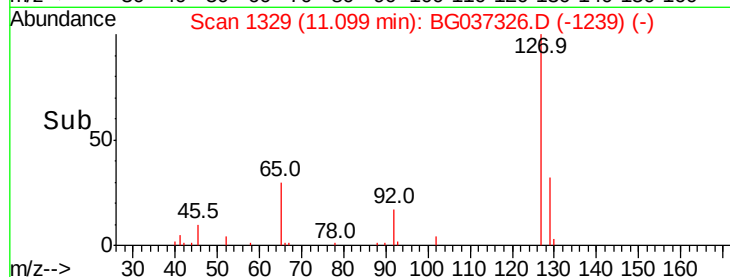


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34

Hexachlorobutadiene

Concen: 33.046 ng

RT: 11.26 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

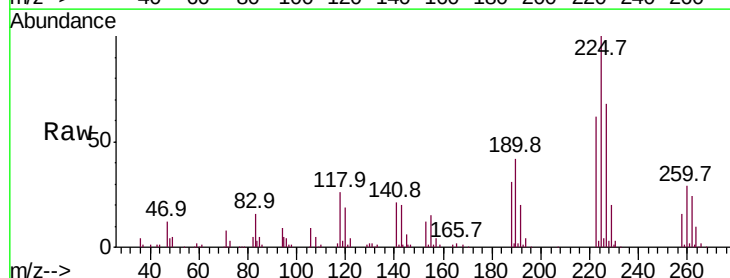
Tgt Ion:225 Resp: 94059

Ion Ratio Lower Upper

225 100

223 62.1 48.2 72.4

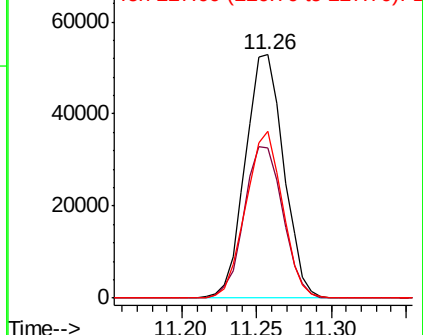
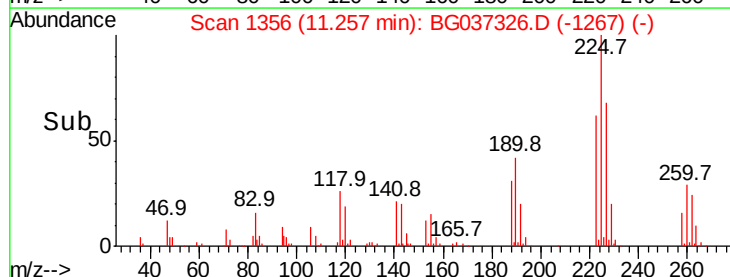
227 68.5 51.6 77.4

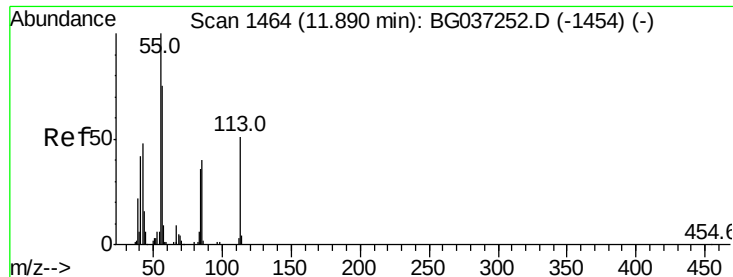


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.774 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

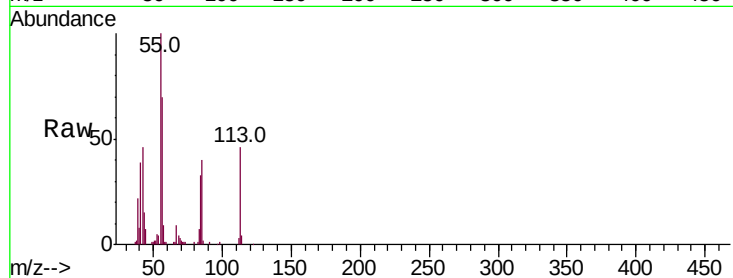
Tot Ion:113 Resp: 70287

Ion Ratio Lower Upper

113 100

55 215.5 176.6 216.6

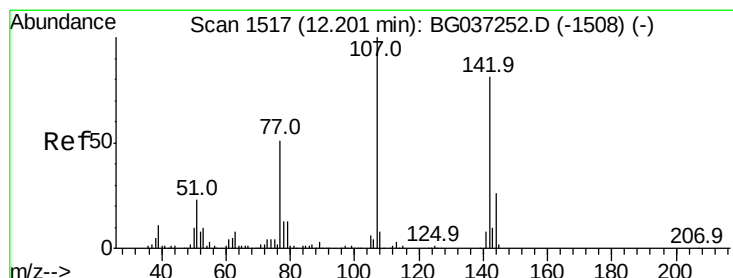
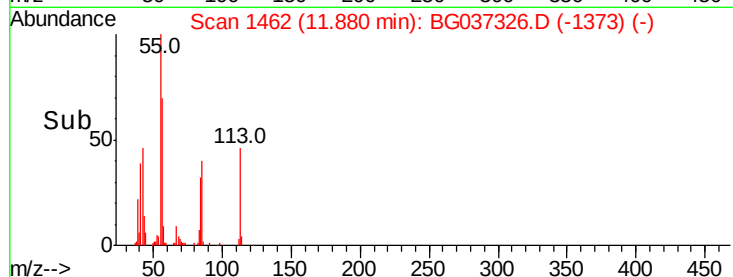
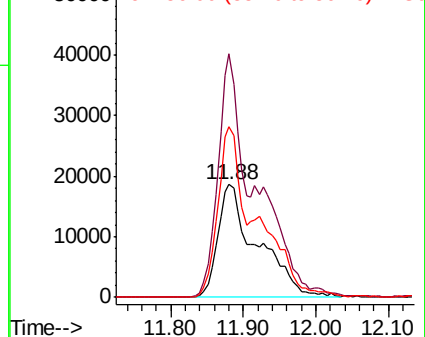
56 150.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.420 ng

RT: 12.20 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

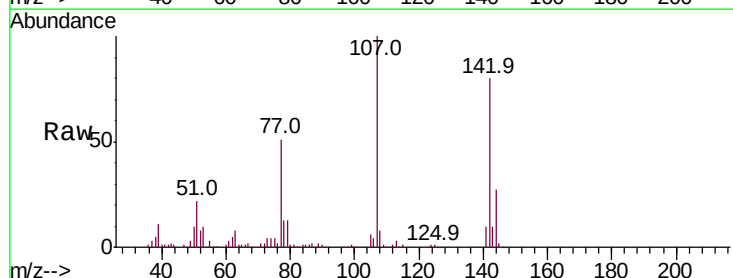
Tgt Ion:107 Resp: 197595

Ion Ratio Lower Upper

107 100

144 27.3 20.7 31.1

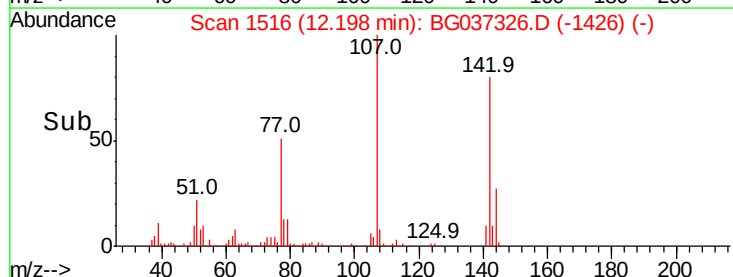
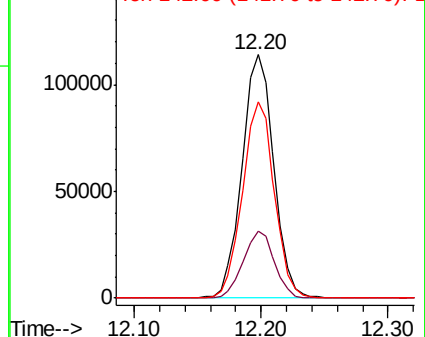
142 80.4 64.4 96.6

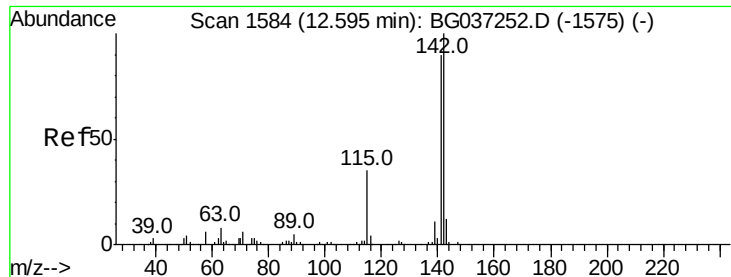


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.836 ng

RT: 12.59 min Scan# 1582

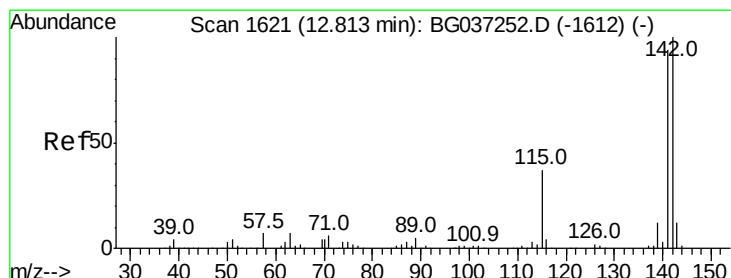
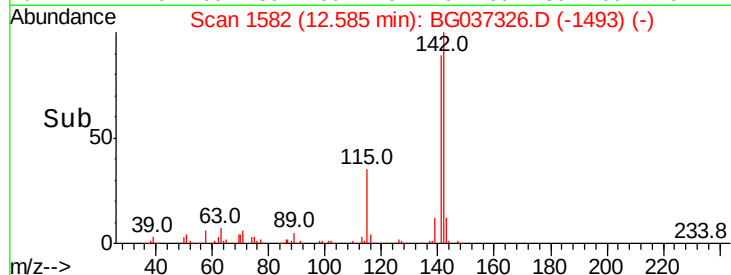
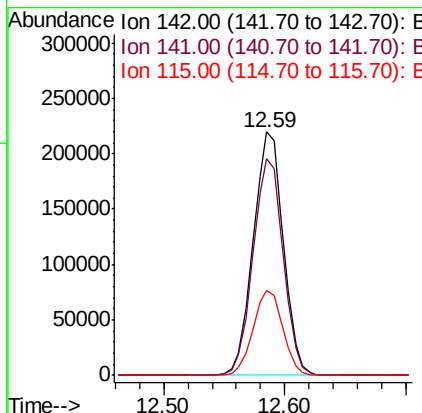
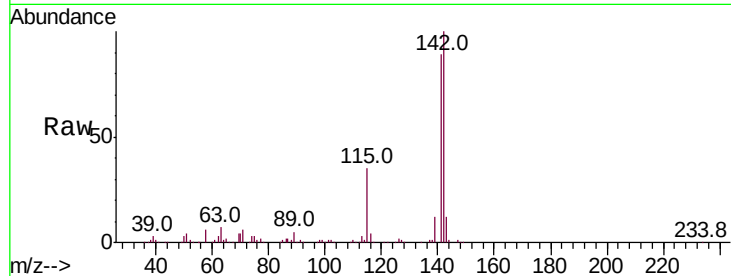
Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :
PB113715BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.9	107.9
115	35.0	27.8	41.8



#38

1-Methylnaphthalene

Concen: 41.039 ng

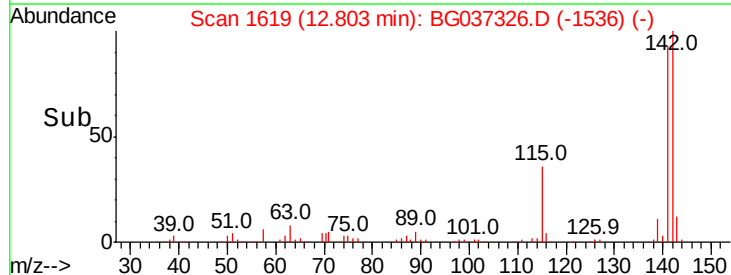
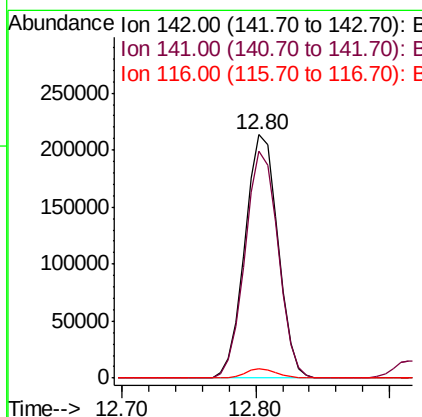
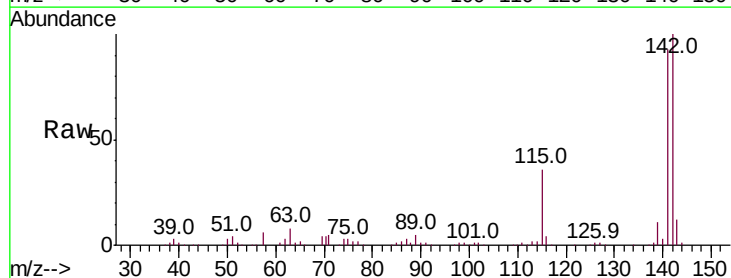
RT: 12.80 min Scan# 1619

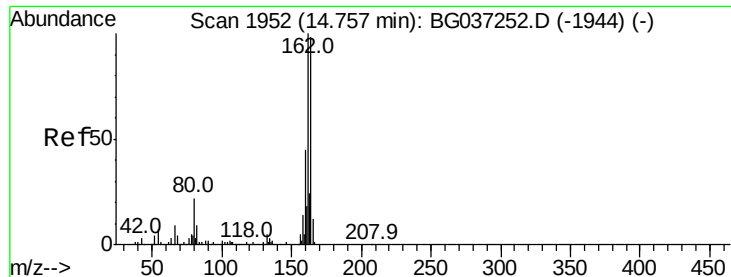
Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

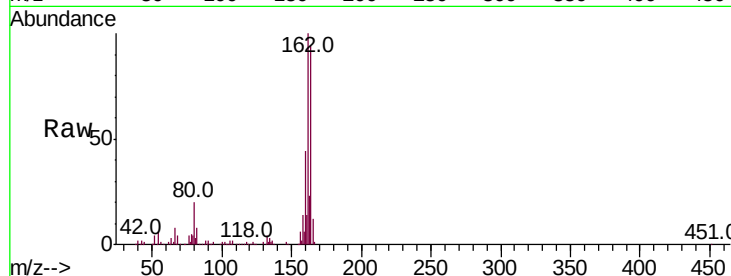
Tot Ion:164 Resp: 173287

Ion Ratio Lower Upper

164 100

162 106.6 81.3 121.9

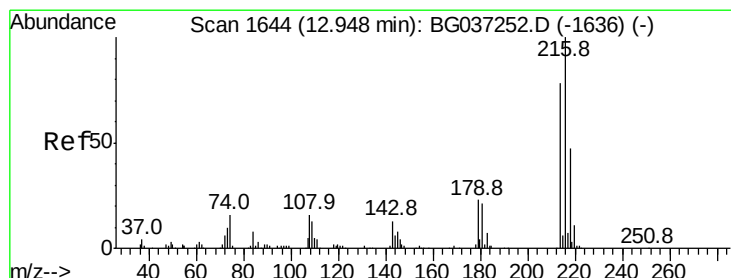
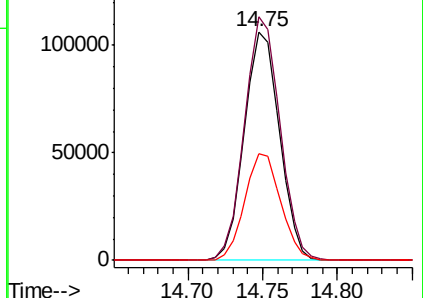
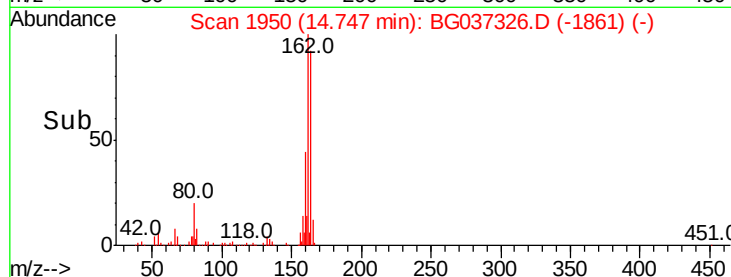
160 46.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.671 ng

RT: 12.94 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Tgt Ion:216 Resp: 188954

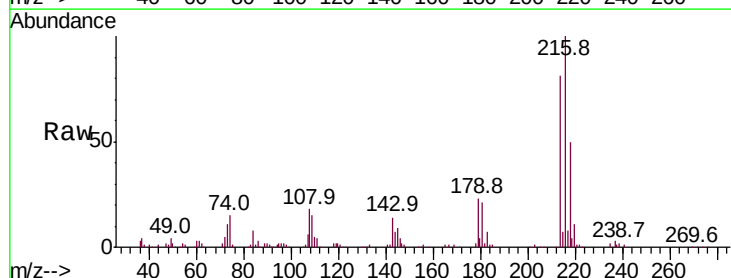
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 21.5 17.4 26.0

108 19.6 13.9 20.9

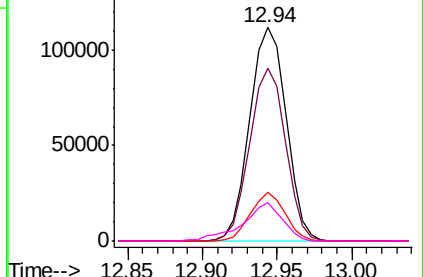
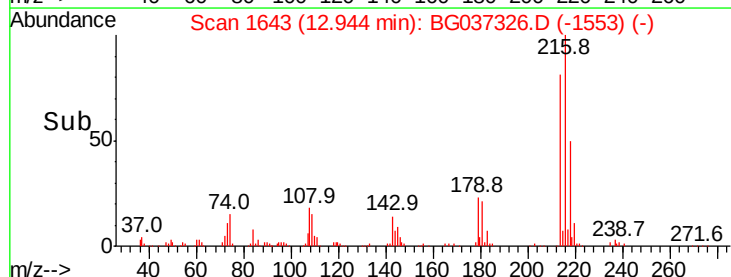


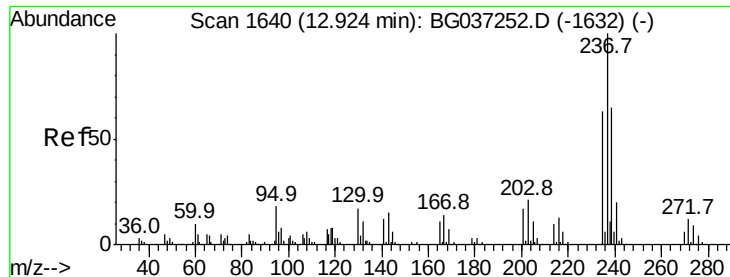
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.665 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

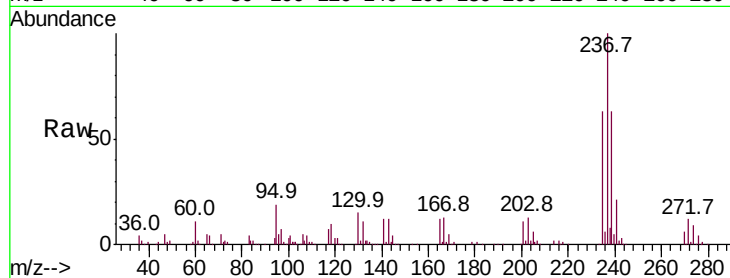
Tot Ion:237 Resp: 209749

Ion Ratio Lower Upper

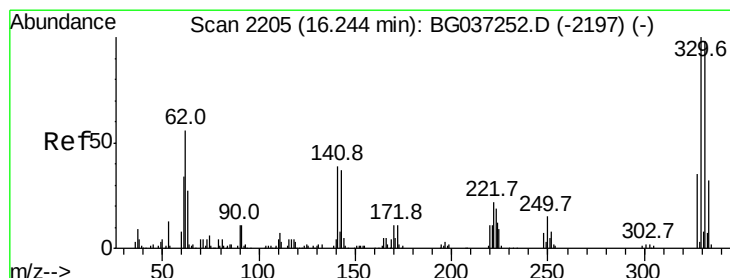
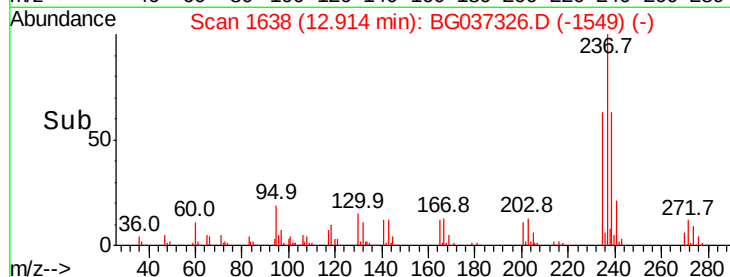
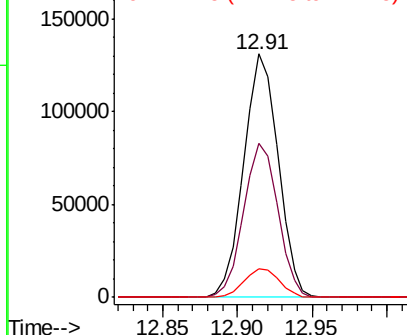
237 100

235 63.3 42.5 82.5

272 11.6 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: 126.033 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

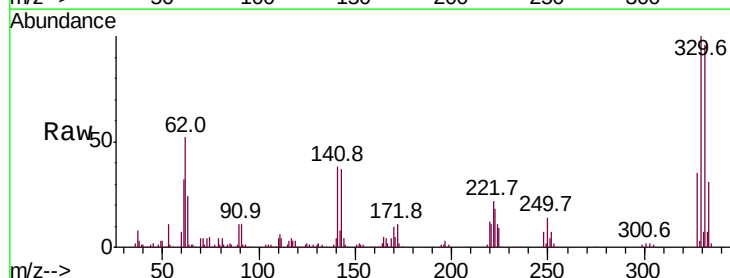
Tgt Ion:330 Resp: 214189

Ion Ratio Lower Upper

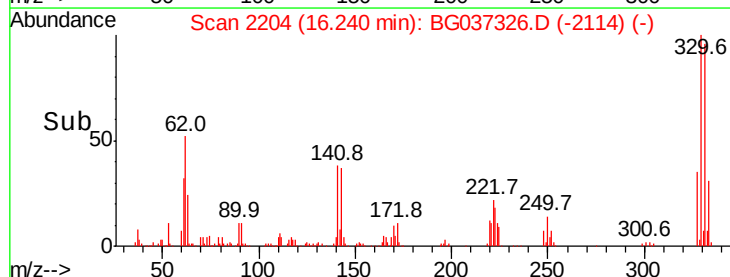
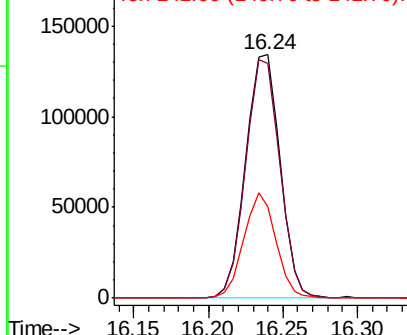
330 100

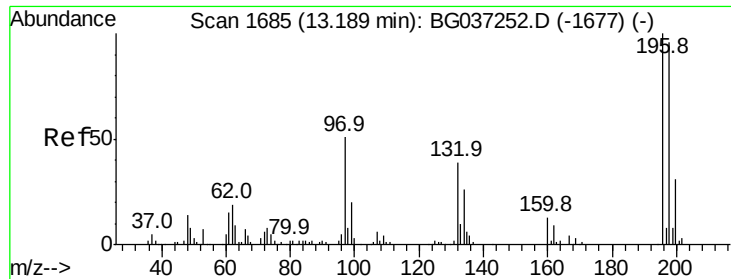
332 97.4 78.4 117.6

141 40.4 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

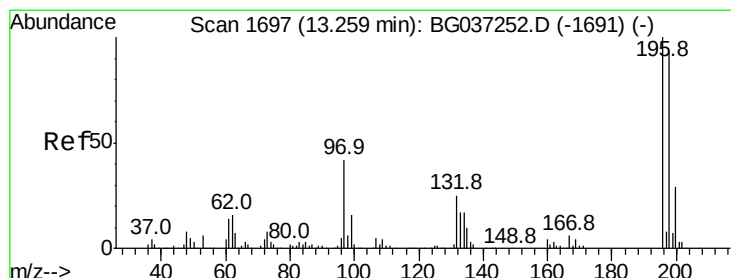
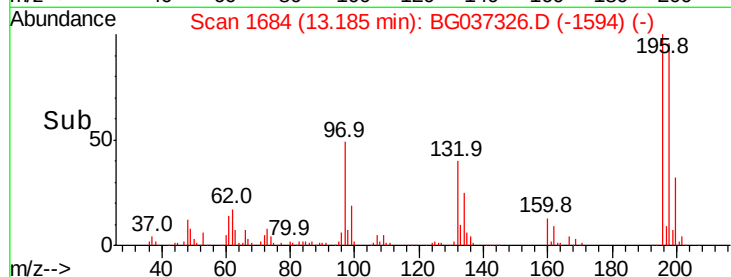
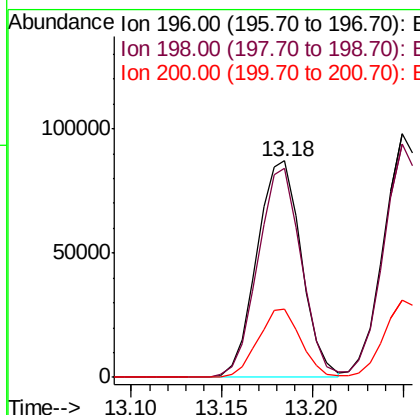
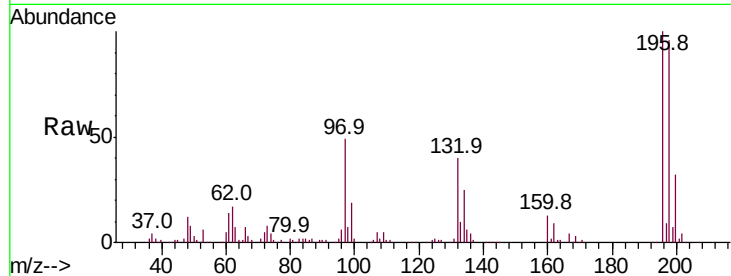




#43
 2,4,6-Trichlorophenol
 Concen: 45.672 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

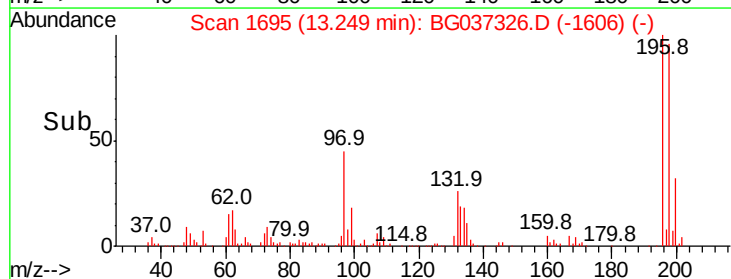
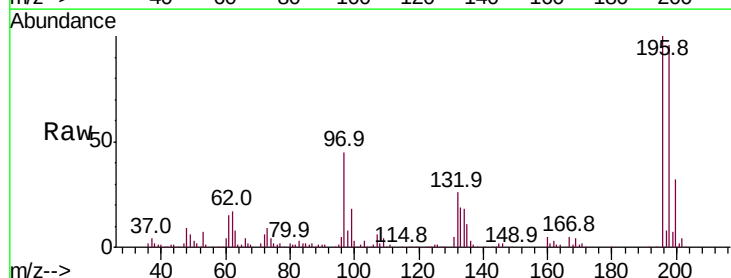
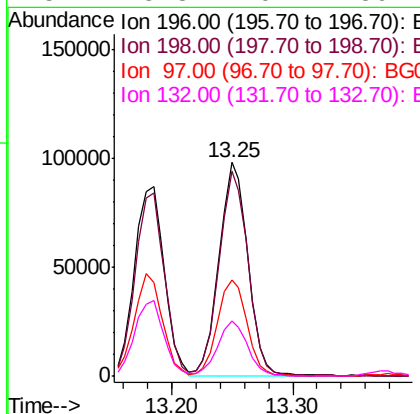
Instrument :
 BNA_G
 ClientSampleId :
 PB113715BS

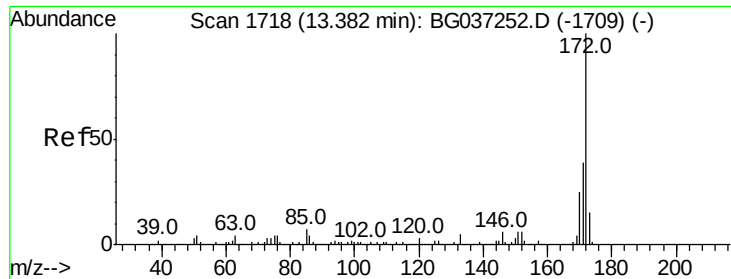
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.4	114.6
200	31.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.168 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.2	111.2
97	45.1	34.1	51.1
132	25.8	20.2	30.4

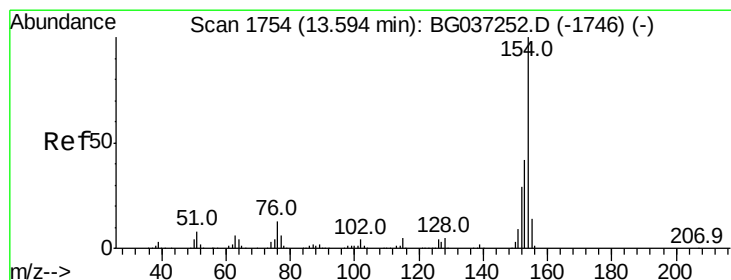
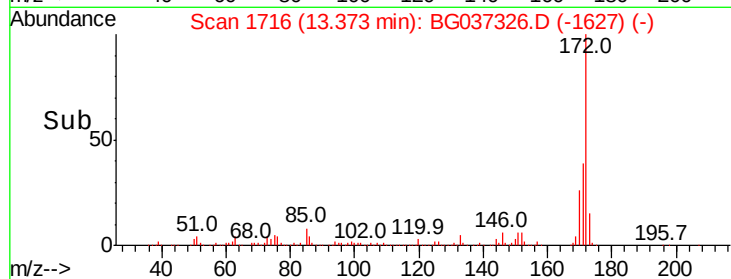
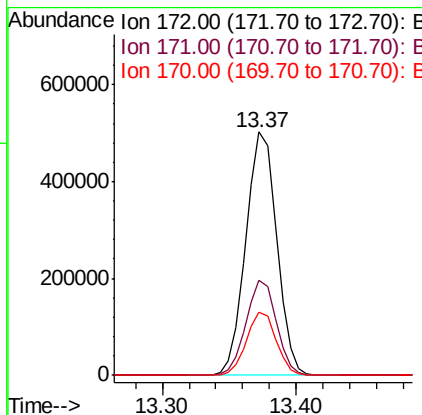
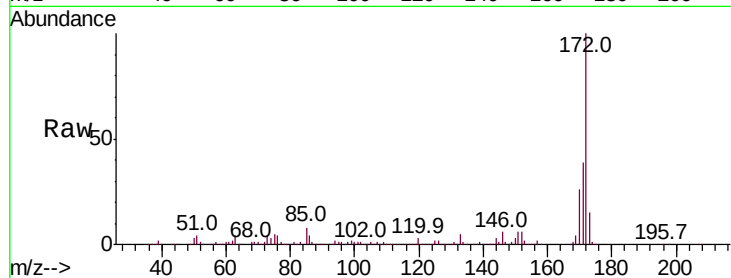




#45
2-Fluorobiphenyl
Concen: 69.515 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

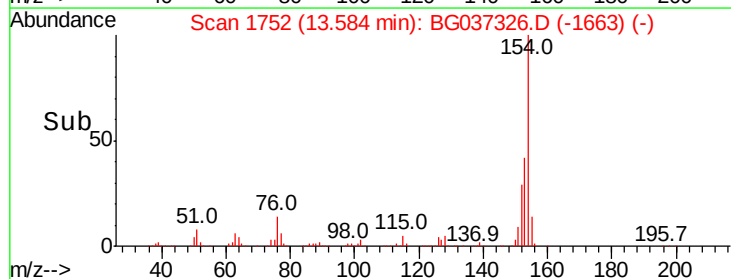
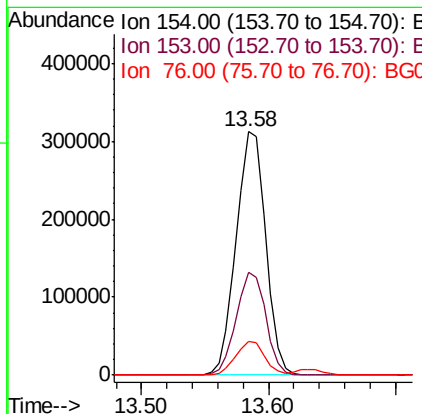
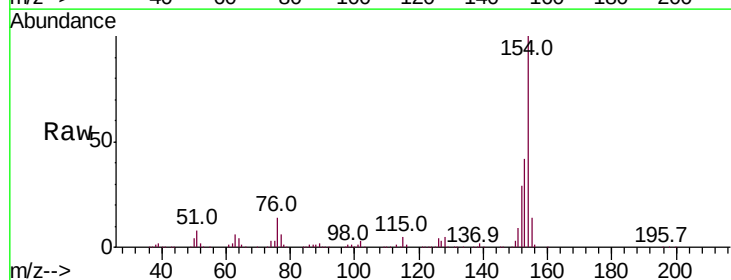
Instrument :
BNA_G
ClientSampleId :
PB113715BS

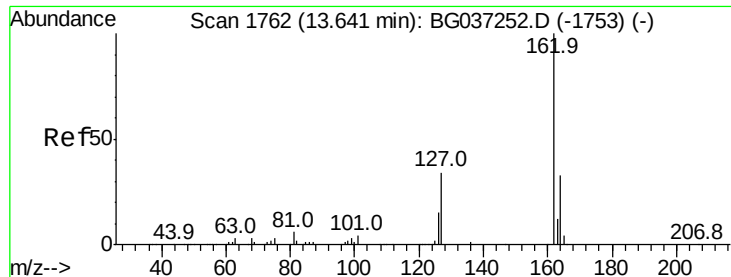
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	25.8	20.2	30.2



#46
1,1'-Biphenyl
Concen: 35.355 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	14.1	0.0	33.2

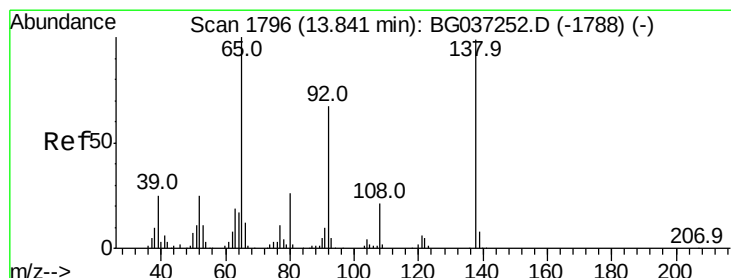
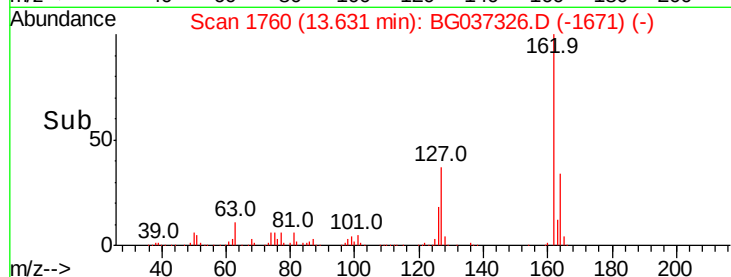
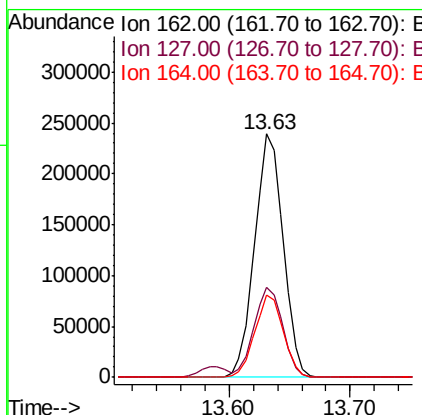
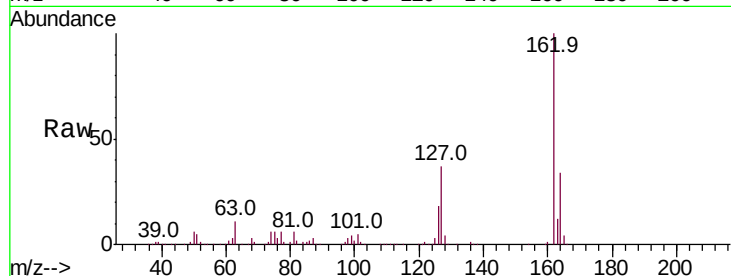




#47
2-Chloronaphthalene
Concen: 36.573 ng
RT: 13.63 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

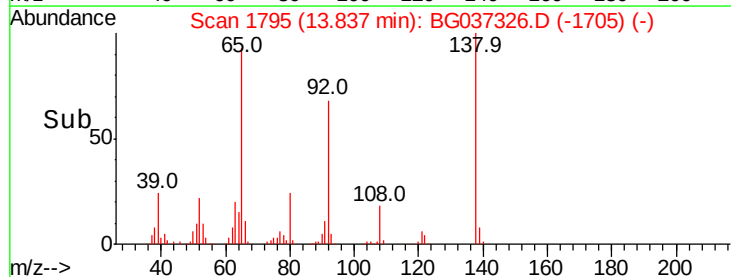
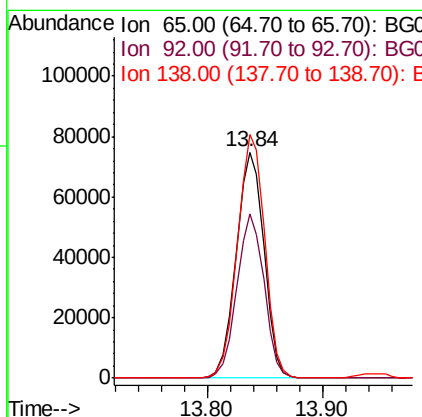
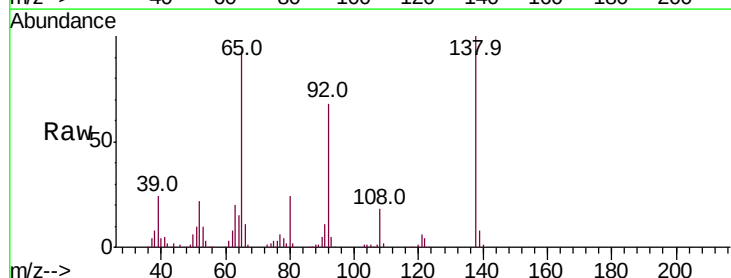
Instrument :
BNA_G
ClientSampleId :
PB113715BS

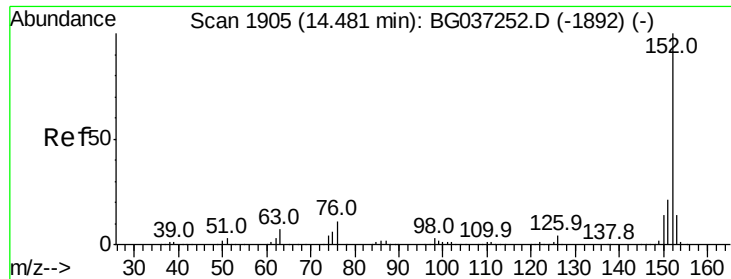
Tot Ion:162 Resp: 393794
Ion Ratio Lower Upper
162 100
127 36.8 30.5 45.7
164 33.6 26.4 39.6



#48
2-Nitroaniline
Concen: 43.300 ng
RT: 13.84 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion: 65 Resp: 124453
Ion Ratio Lower Upper
65 100
92 72.9 53.2 79.8
138 107.9 79.3 118.9





#49

Acenaphthylene

Concen: 40.338 ng

RT: 14.48 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

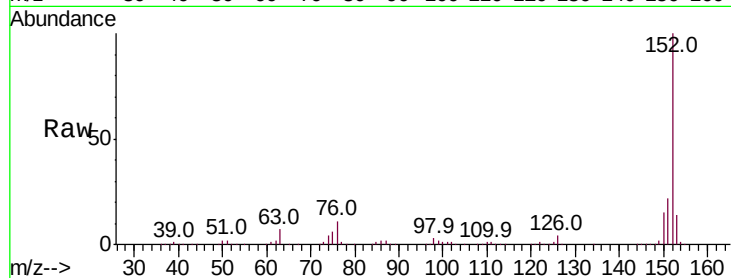
Tot Ion:152 Resp: 664425

Ion Ratio Lower Upper

152 100

151 22.1 17.1 25.7

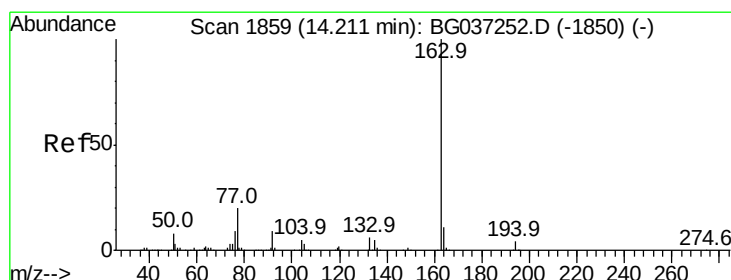
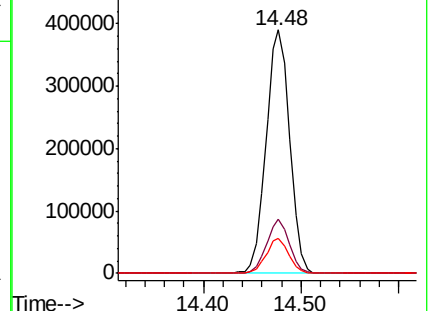
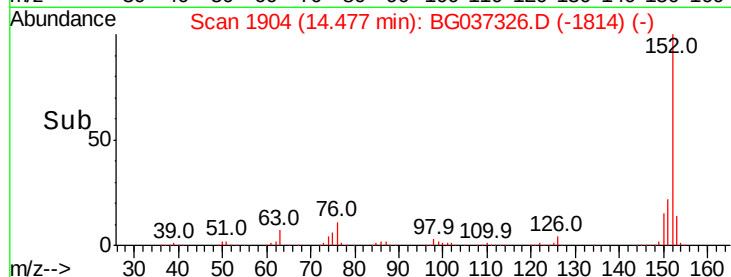
153 14.2 11.1 16.7



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: 40.151 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

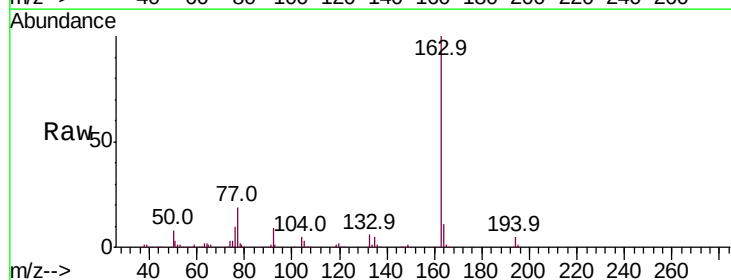
Tgt Ion:163 Resp: 546782

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

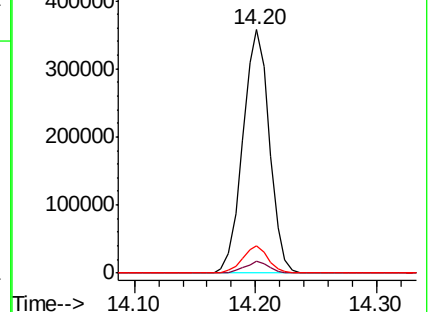
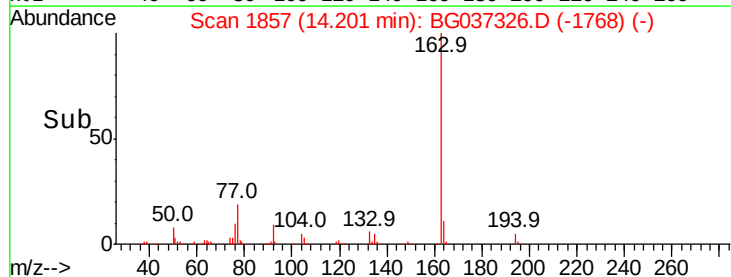
164 11.0 8.5 12.7

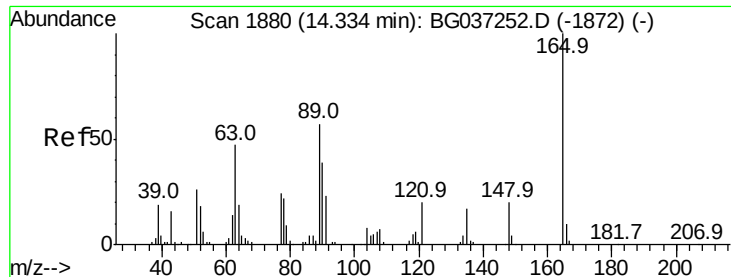


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

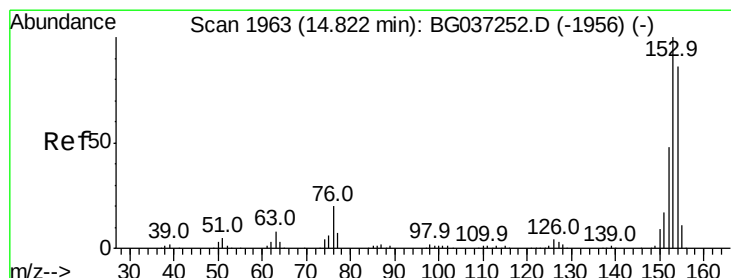
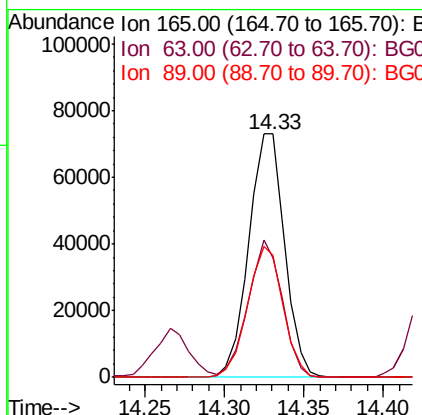
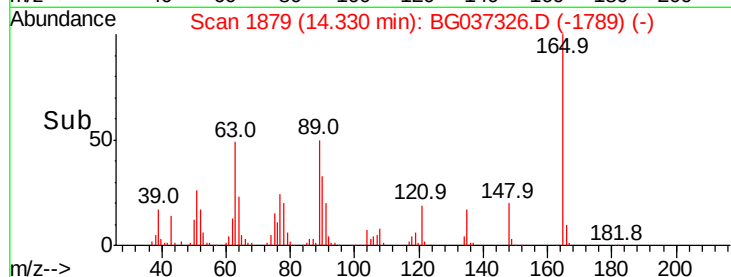
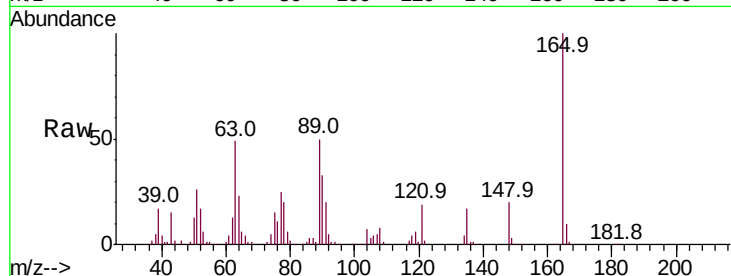




#51
 2,6-Dinitrotoluene
 Concen: 43.881 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

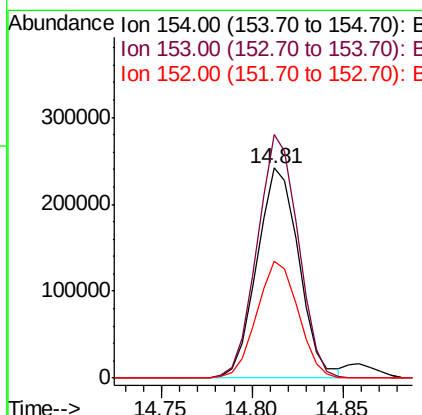
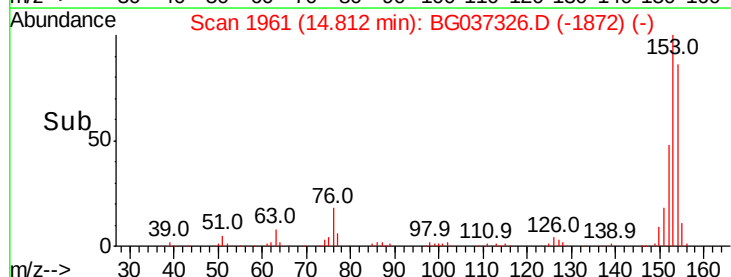
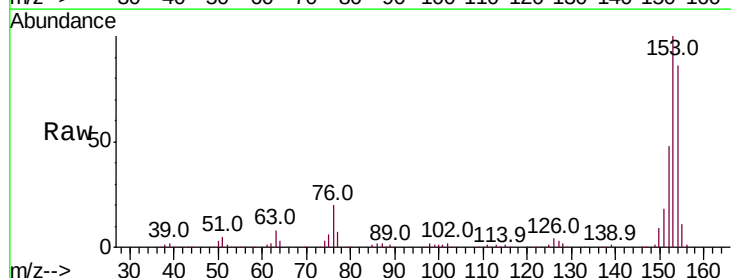
Instrument :
 BNA_G
 ClientSampleId :
 PB113715BS

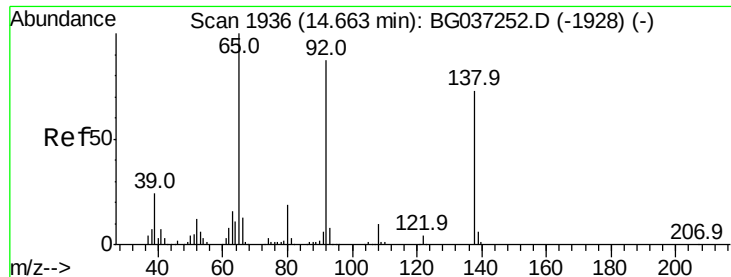
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	43.4	65.2
89	50.3	45.8	68.6



#52
 Acenaphthene
 Concen: 38.133 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	93.4	140.0
152	55.8	44.7	67.1





#53

3-Nitroaniline

Concen: 15.188 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

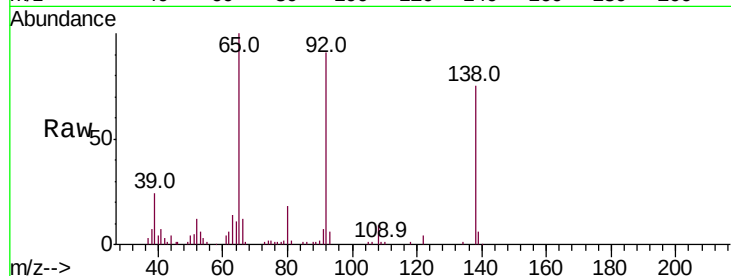
Tot Ion:138 Resp: 43275

Ion Ratio Lower Upper

138 100

108 11.6 11.0 16.6

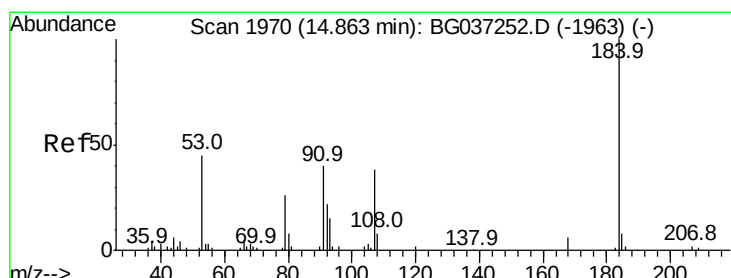
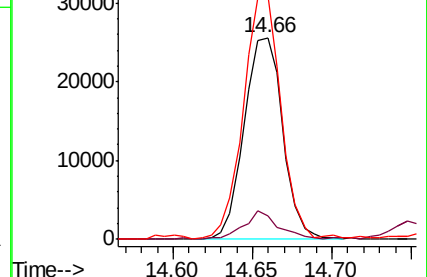
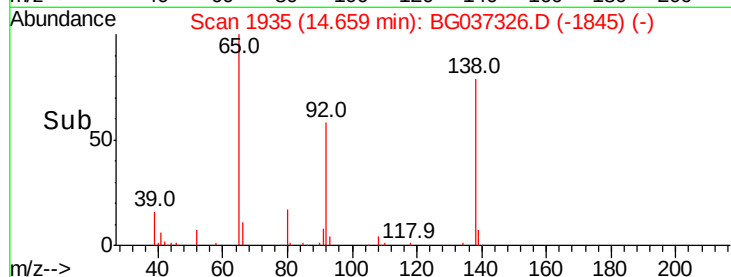
92 120.8 95.2 142.8



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: 68.310 ng

RT: 14.86 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

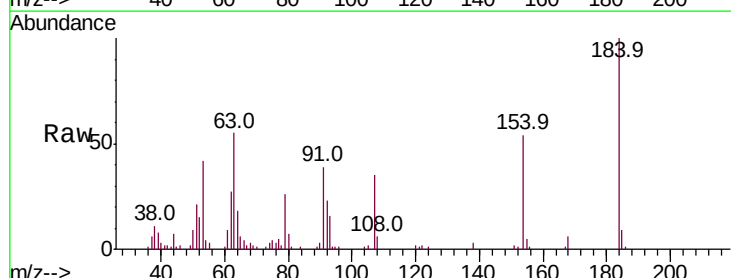
Tgt Ion:184 Resp: 46549

Ion Ratio Lower Upper

184 100

63 55.2 42.6 63.8

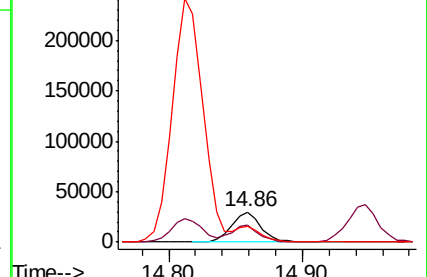
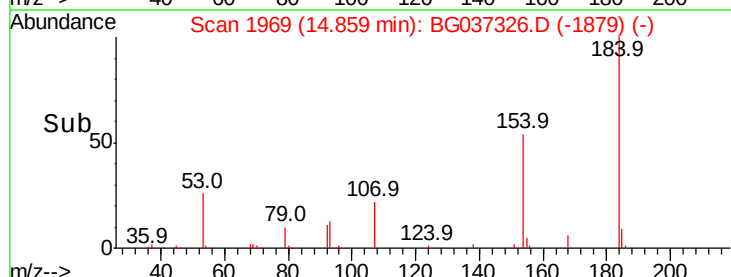
154 54.4 41.8 62.6

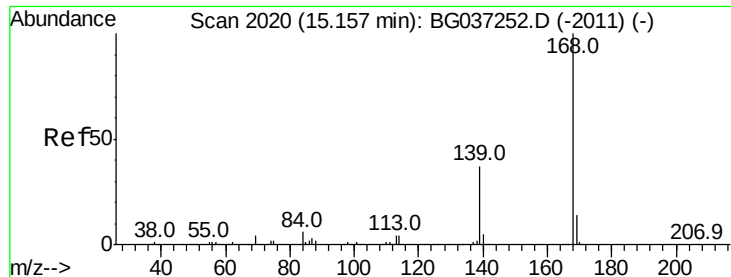


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.764 ng

RT: 15.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

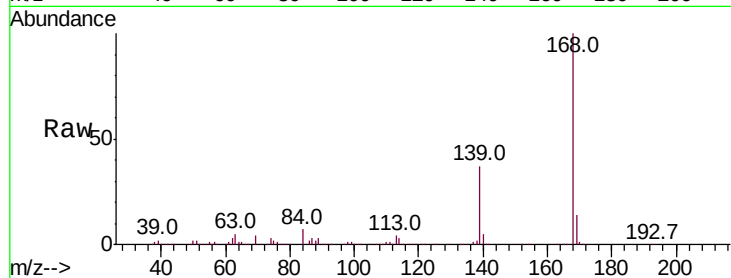
Tot Ion:168 Resp: 623442

Ion Ratio Lower Upper

168 100

139 36.6 29.4 44.0

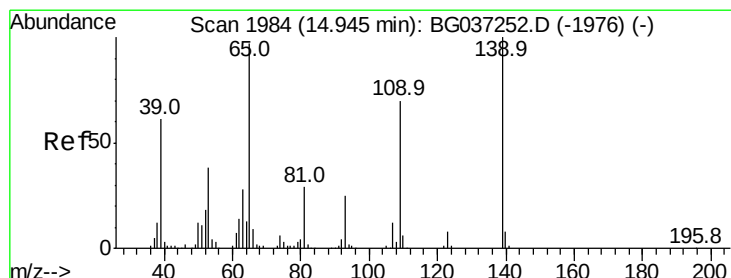
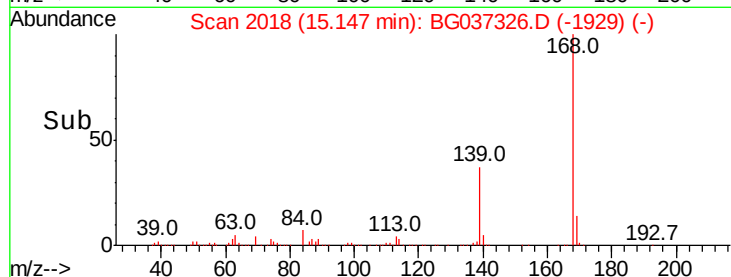
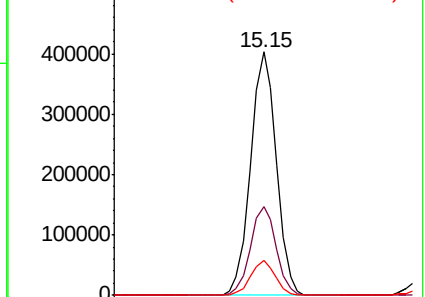
169 14.1 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 94.179 ng

RT: 14.95 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

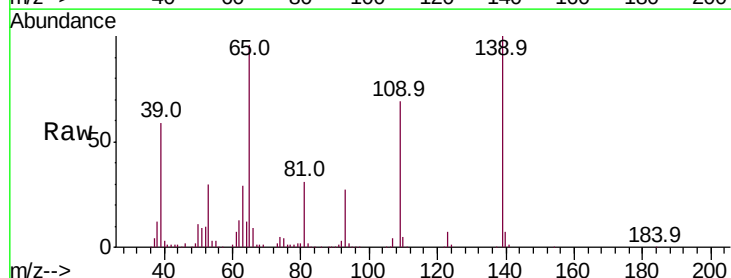
Tgt Ion:139 Resp: 209172

Ion Ratio Lower Upper

139 100

109 69.4 49.5 89.5

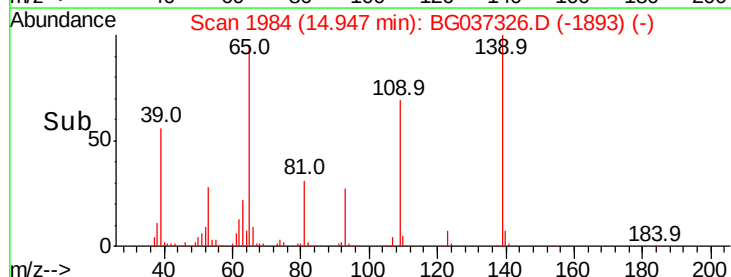
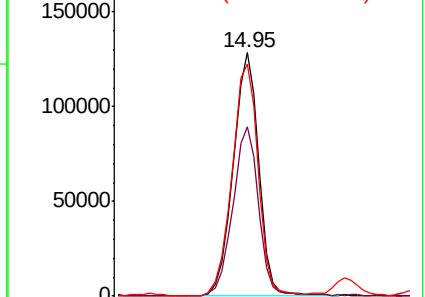
65 95.5 76.8 116.8

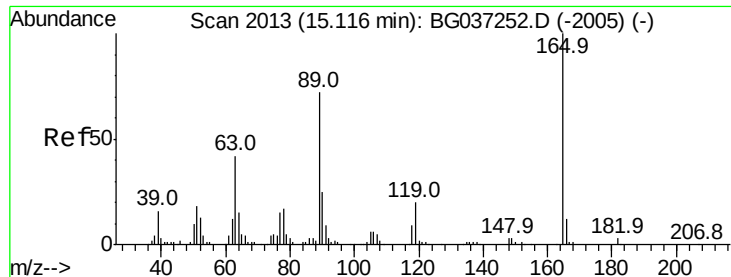


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

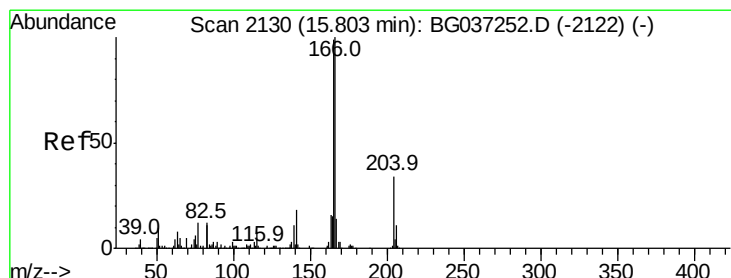
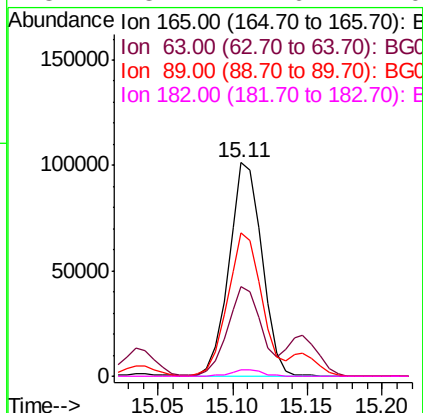
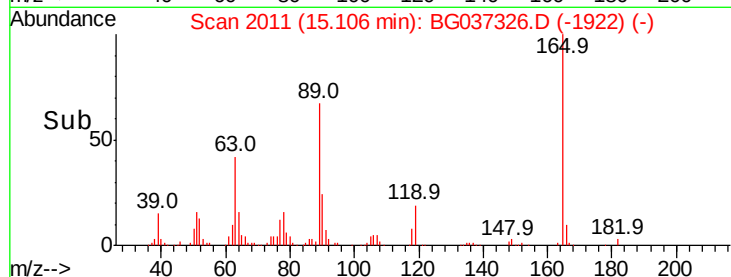
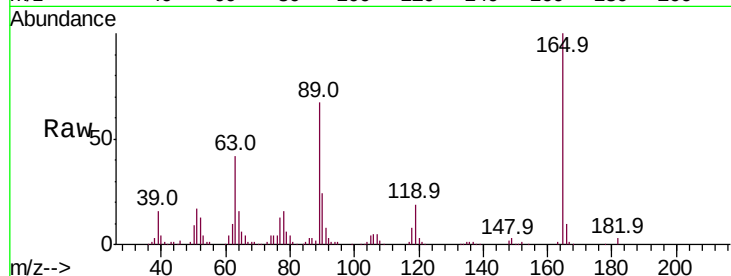




#57
2,4-Dinitrotoluene
Concen: 46.877 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

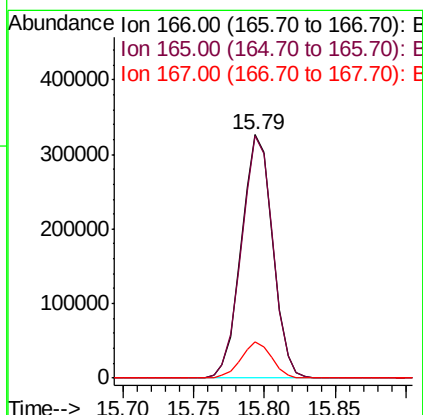
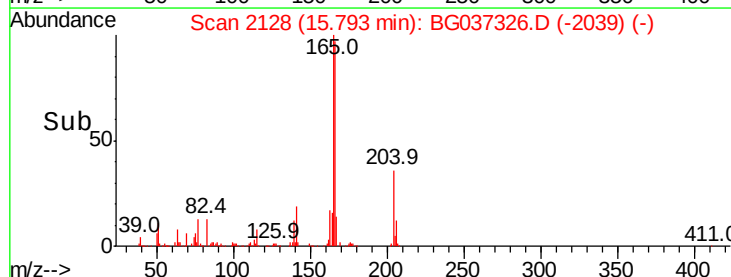
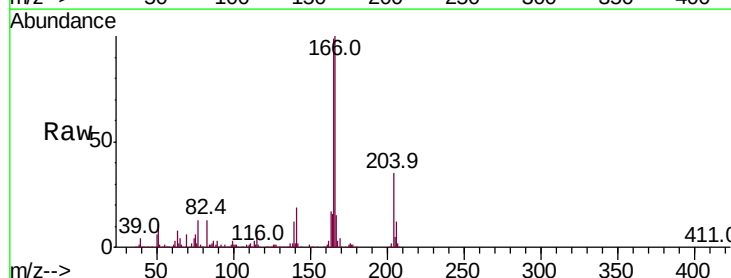
Instrument :
BNA_G
ClientSampleId :
PB113715BS

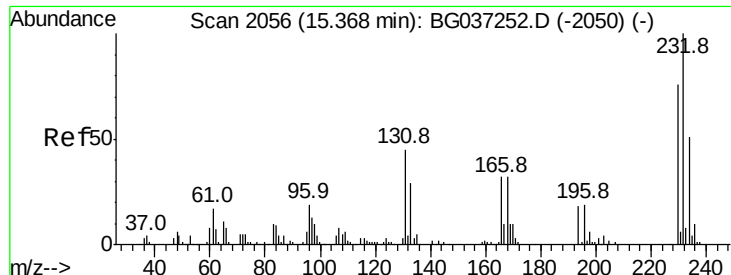
Tot Ion:165 Resp: 156472
Ion Ratio Lower Upper
165 100
63 41.9 33.4 50.0
89 67.2 57.2 85.8
182 3.2 2.6 4.0



#58
Fluorene
Concen: 40.580 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion:166 Resp: 506673
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 15.0 11.3 16.9

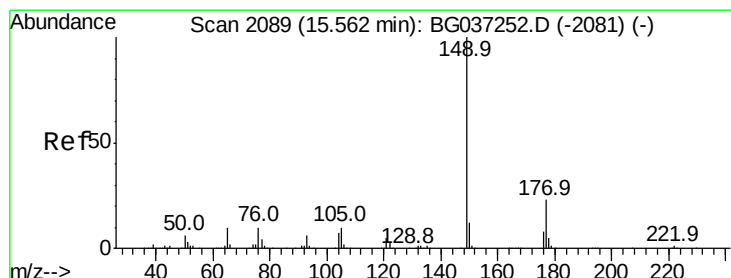
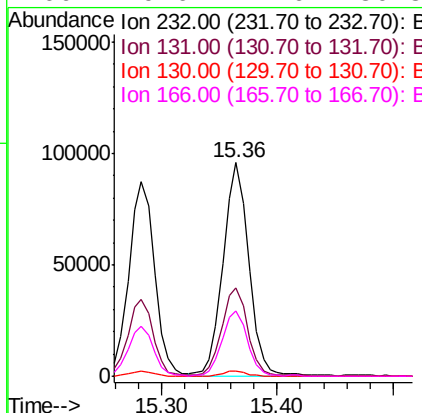
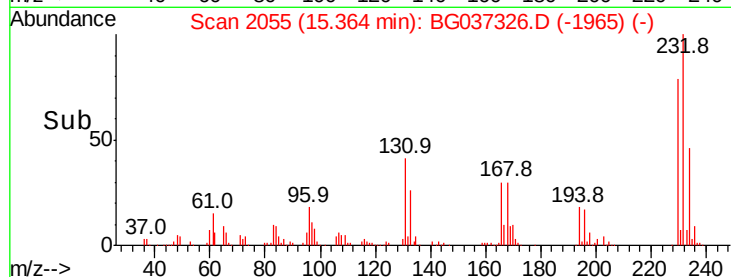
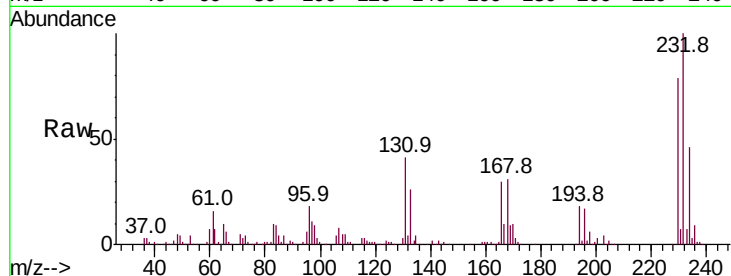




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.700 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

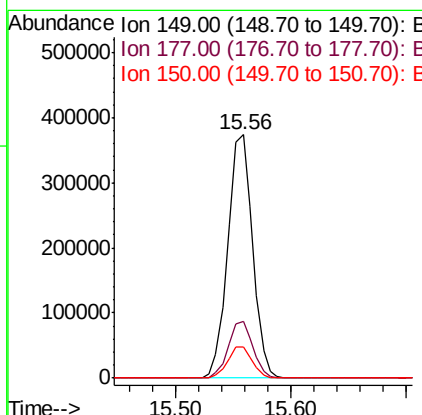
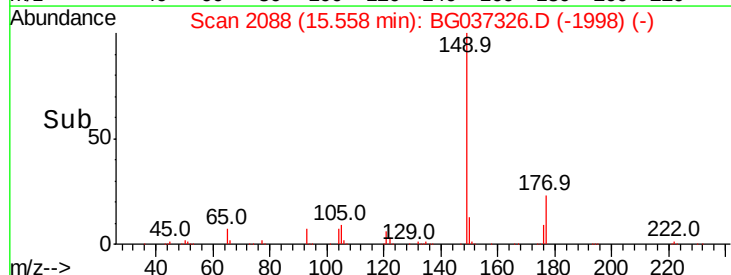
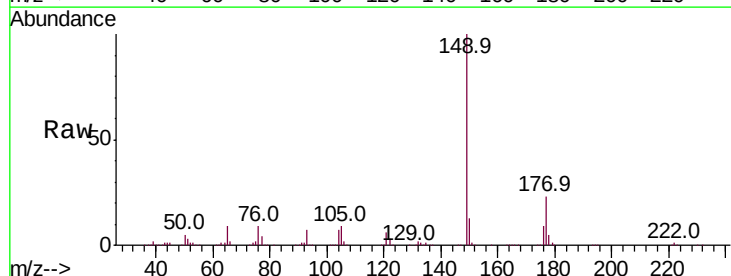
Instrument :
 BNA_G
 ClientSampled :
 PB113715BS

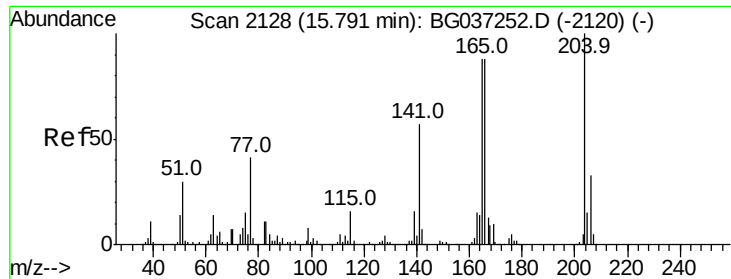
Tot Ion:232 Resp: 147924
 Ion Ratio Lower Upper
 232 100
 131 41.5 33.7 50.5
 130 2.4 2.1 3.1
 166 29.6 24.6 36.8



#60
 Diethylphthalate
 Concen: 39.235 ng
 RT: 15.56 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Tgt Ion:149 Resp: 553721
 Ion Ratio Lower Upper
 149 100
 177 23.2 18.3 27.5
 150 12.9 10.0 15.0

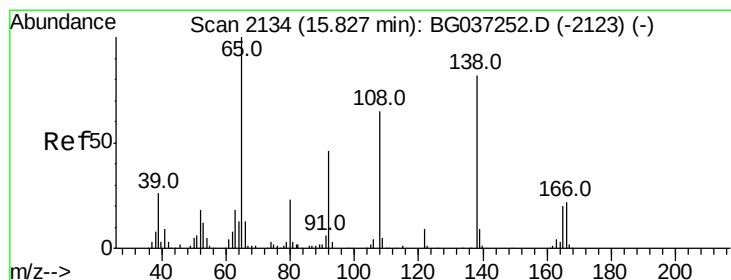
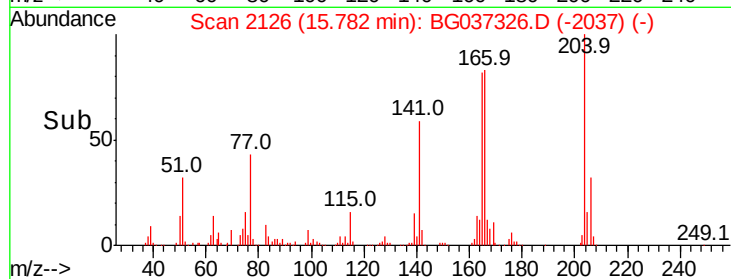
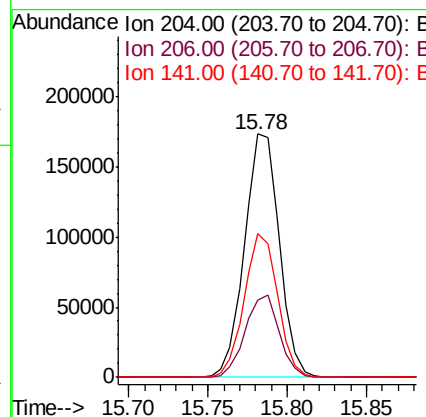
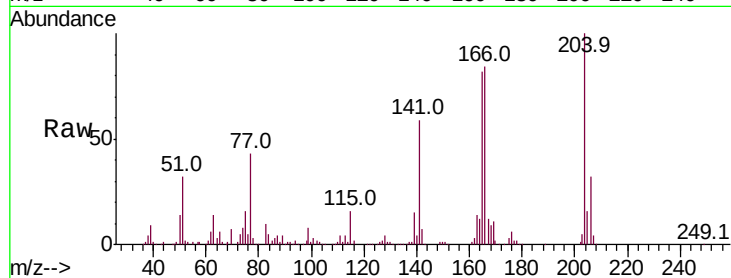




#61
 4-Chlorophenyl-phenylether
 Concen: 36.195 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

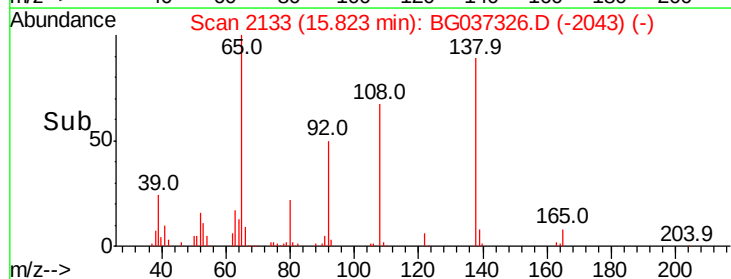
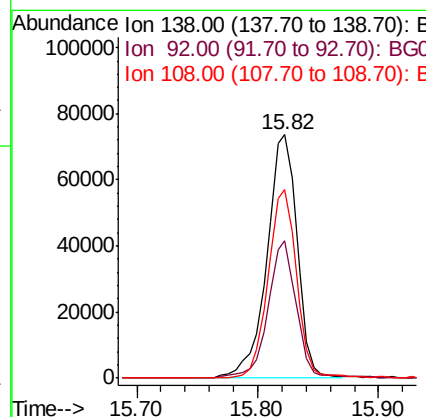
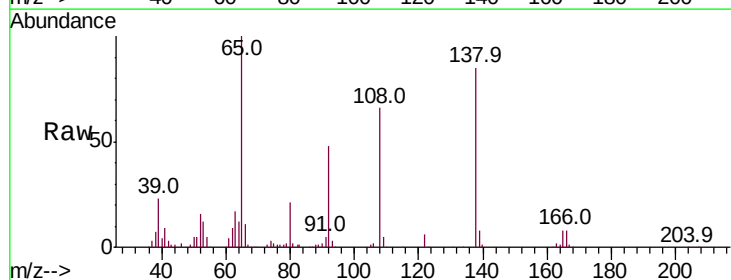
Instrument :
 BNA_G
 ClientSampleId :
 PB113715BS

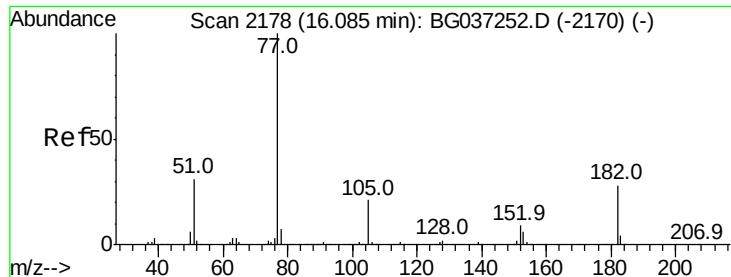
Tot Ion:	204	Resp:	264158
Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.6	39.8
141	59.2	45.4	68.2



#62
 4-Nitroaniline
 Concen: 42.518 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Tgt Ion:	138	Resp:	127154
Ion	Ratio	Lower	Upper
138	100		
92	56.6	36.4	76.4
108	77.5	60.1	100.1





#63

Azobenzene

Concen: 38.571 ng

RT: 16.08 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

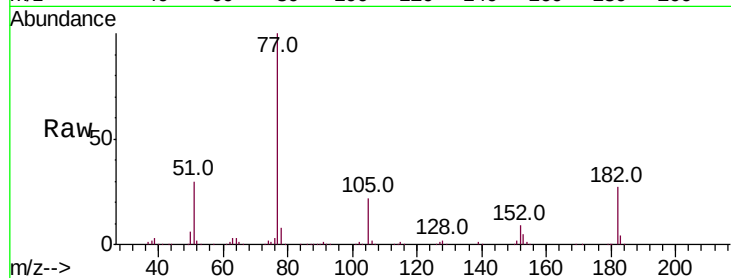
BNA_G

ClientSampleId :

PB113715BS

Tot Ion: 77 Resp: 521917

Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.0	48.0
105	21.7	1.3	41.3
51	30.1	10.7	50.7

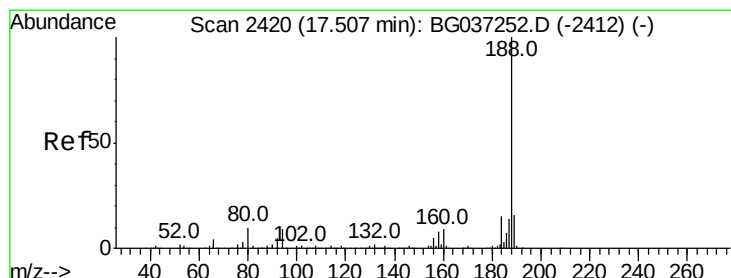
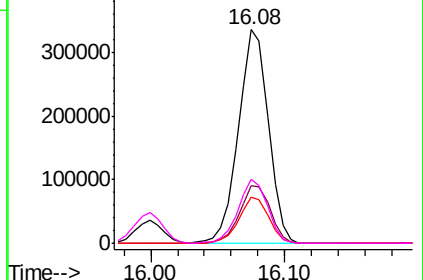
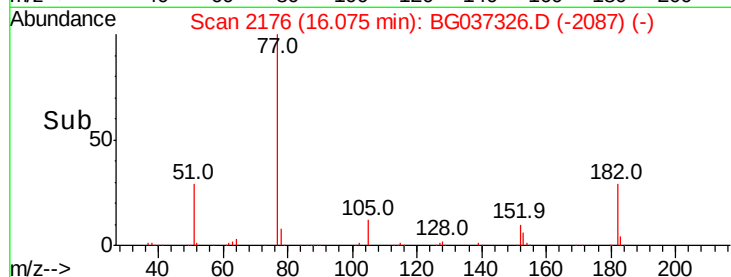


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2418

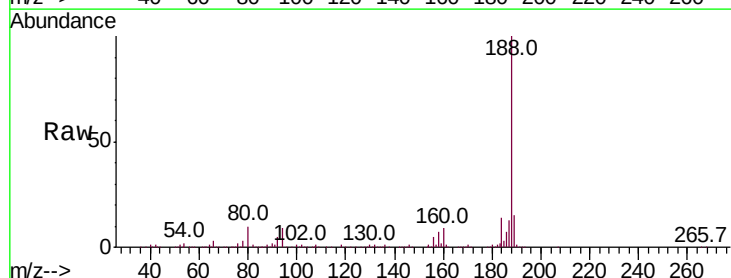
Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Tgt Ion: 188 Resp: 429648

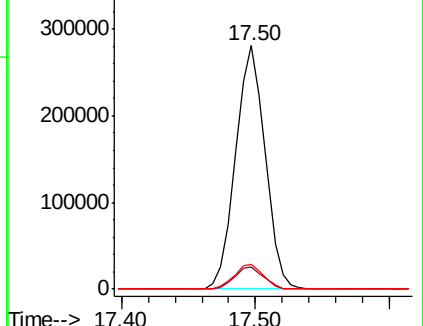
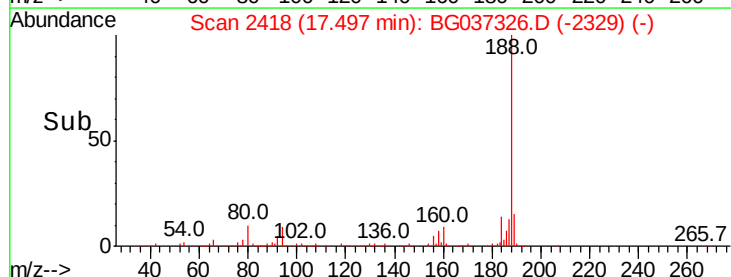
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.3	7.7	11.5

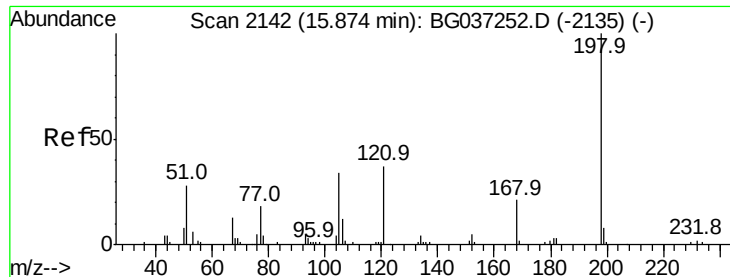


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 38.730 ng

RT: 15.86 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

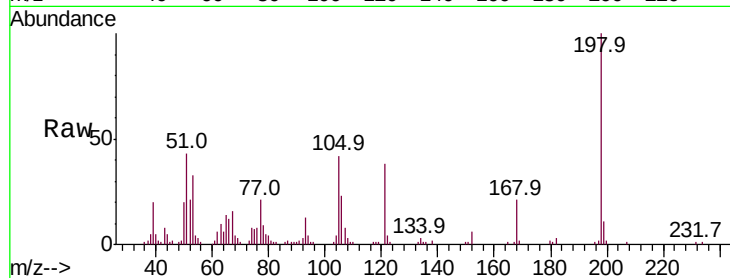
Tot Ion:198 Resp: 50323

Ion	Ratio	Lower	Upper
198	100		
51	43.0	22.7	62.7
105	41.8	19.7	59.7

198 100

51 43.0 22.7 62.7

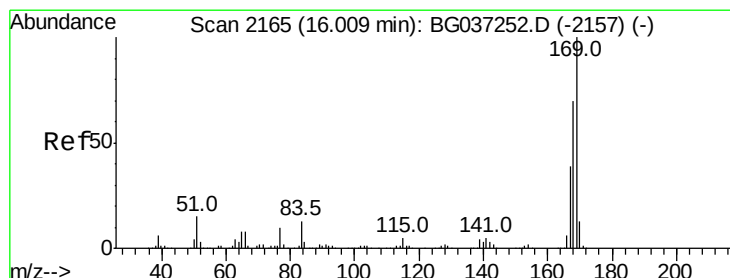
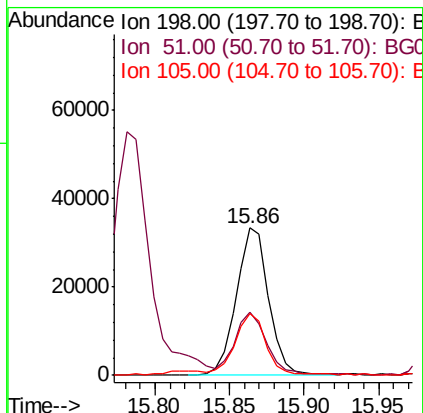
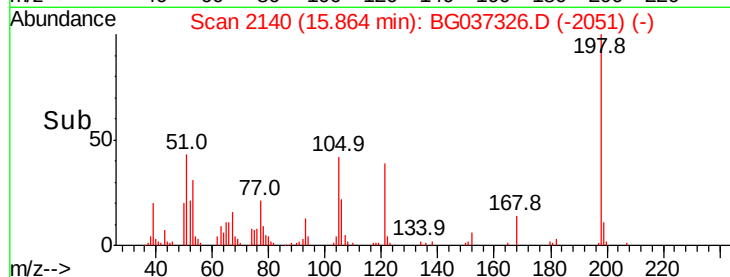
105 41.8 19.7 59.7



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: 37.820 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

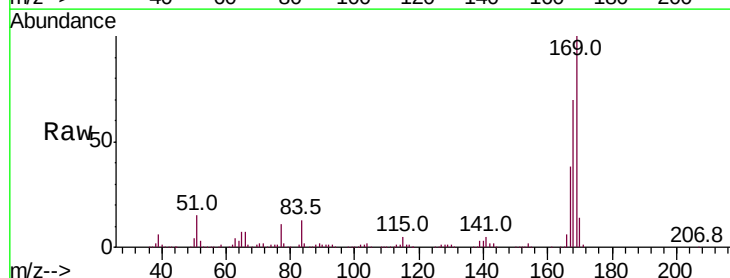
Tgt Ion:169 Resp: 477196

Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.7	83.5
167	38.4	31.3	46.9

169 100

168 69.5 55.7 83.5

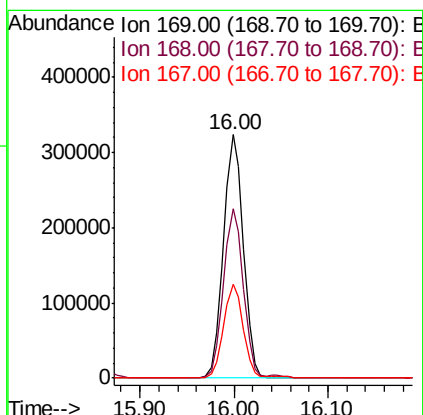
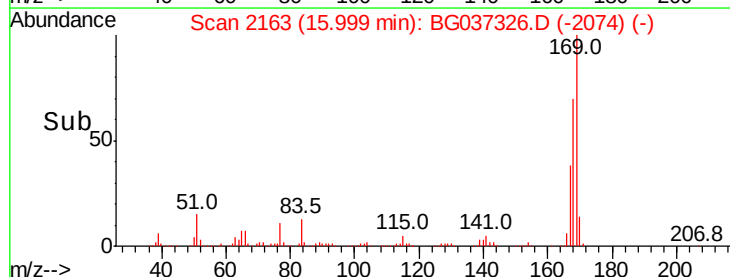
167 38.4 31.3 46.9

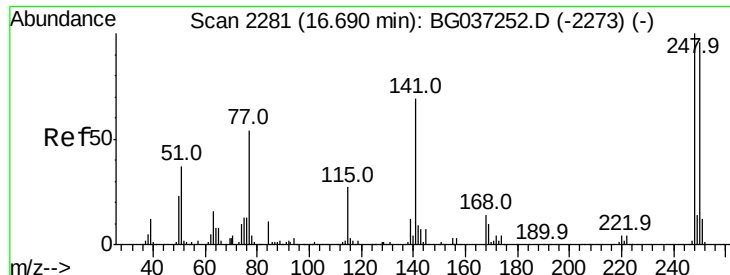


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 36.193 ng

RT: 16.68 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

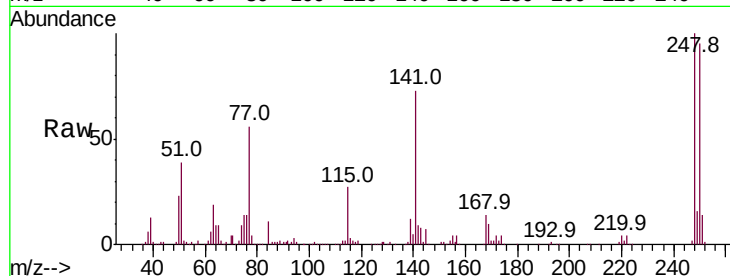
Tot Ion:248 Resp: 167826

Ion Ratio Lower Upper

248 100

250 94.6 77.0 115.6

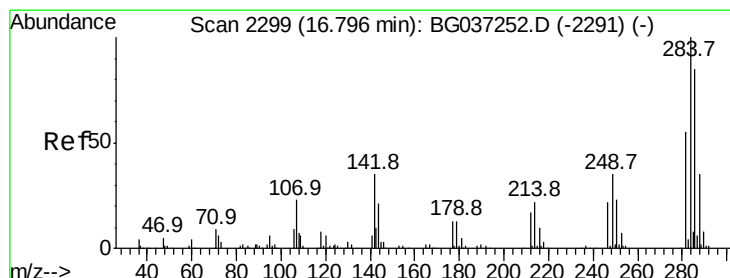
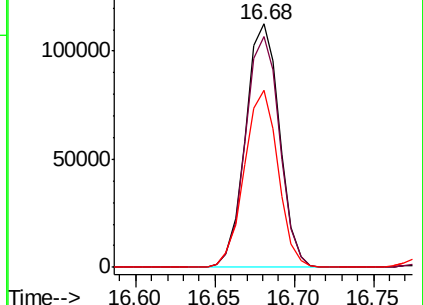
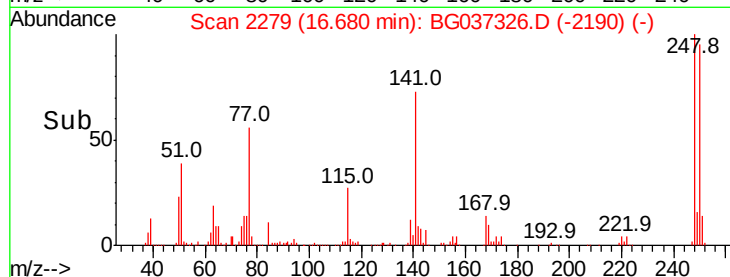
141 72.9 55.5 83.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 35.376 ng

RT: 16.79 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

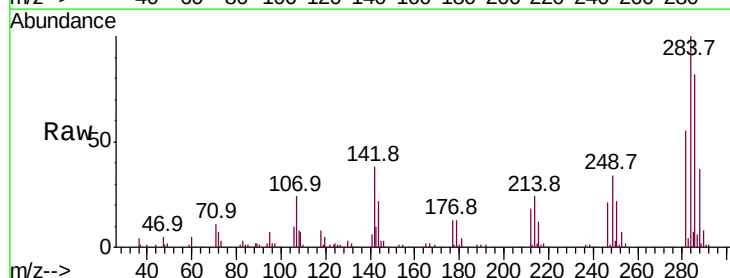
Tgt Ion:284 Resp: 170076

Ion Ratio Lower Upper

284 100

142 38.0 28.1 42.1

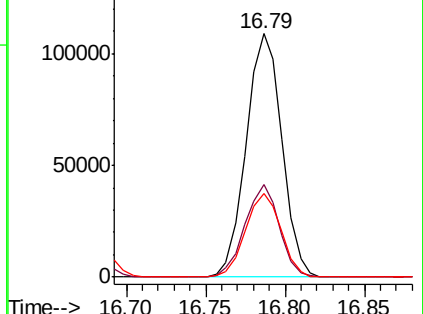
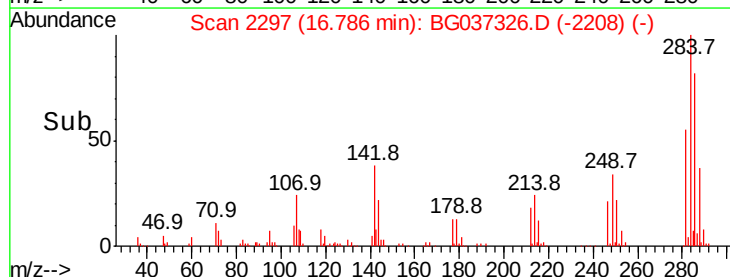
249 36.8 29.8 44.8

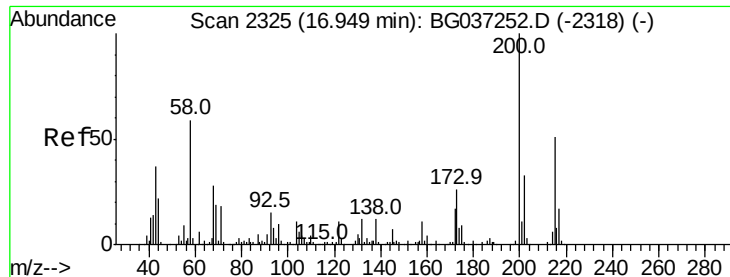


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.667 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

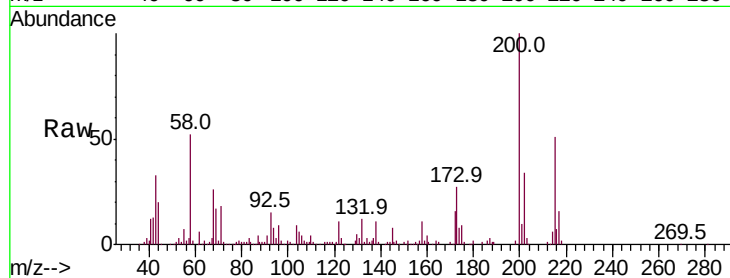
Tot Ion:200 Resp: 186018

Ion Ratio Lower Upper

200 100

173 26.9 6.1 46.1

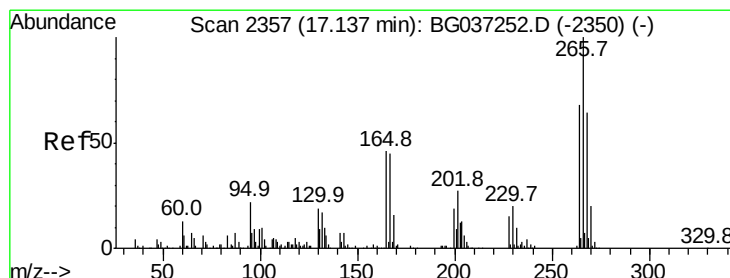
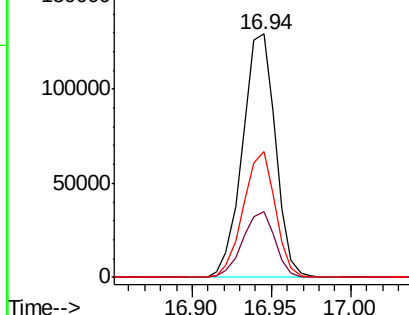
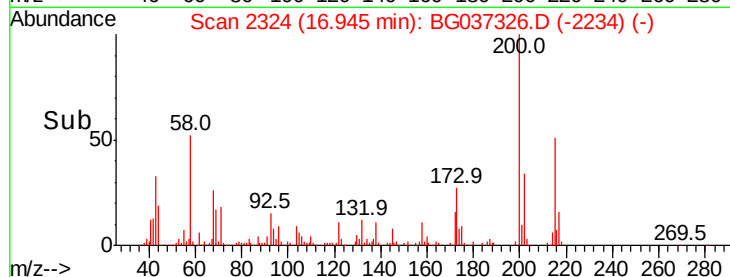
215 51.5 30.8 70.8



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: 67.668 ng

RT: 17.13 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

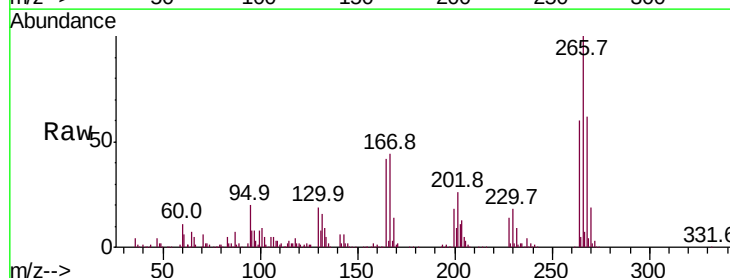
Tgt Ion:266 Resp: 209896

Ion Ratio Lower Upper

266 100

268 66.3 55.0 82.6

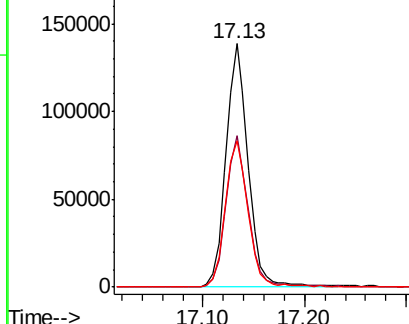
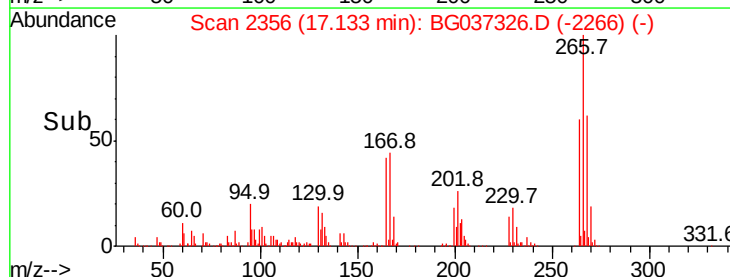
264 65.4 58.9 88.3

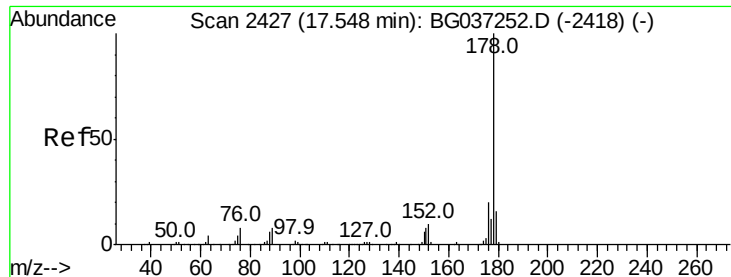


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

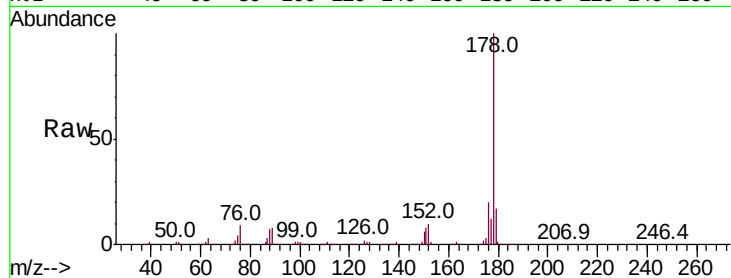




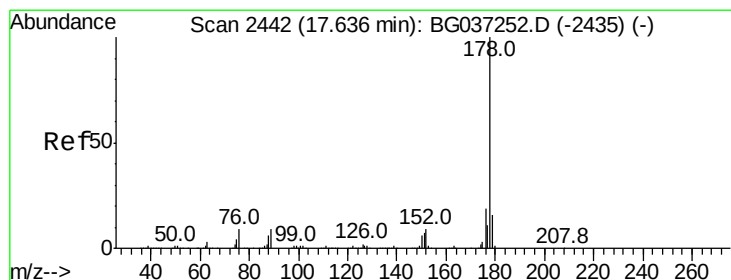
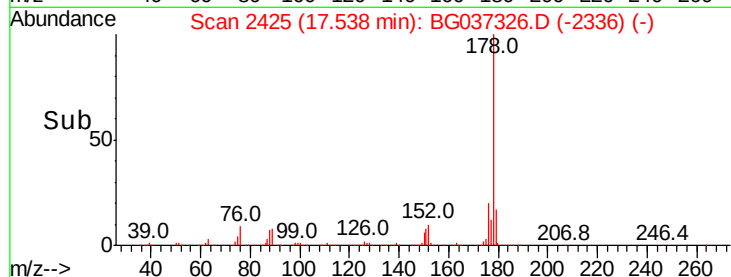
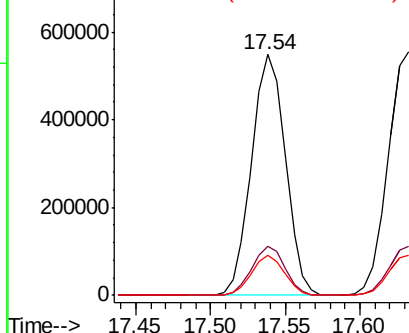
#71
Phenanthrene
Concen: 39.372 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :
PB113715BS

Tot Ion:178 Resp: 861107
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.9 13.0 19.4

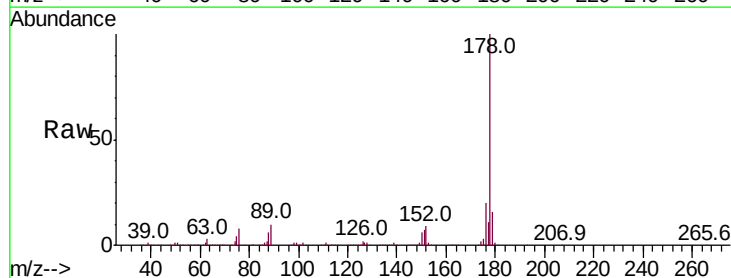


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

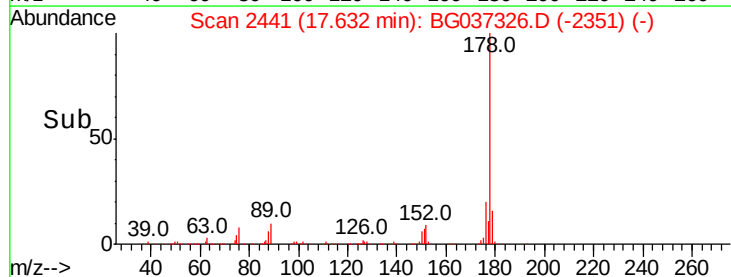
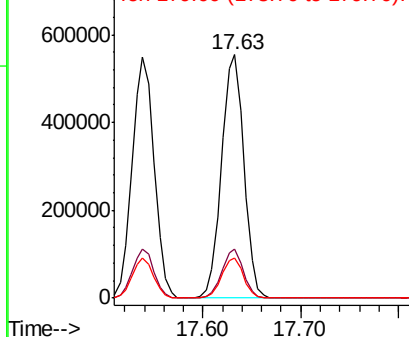


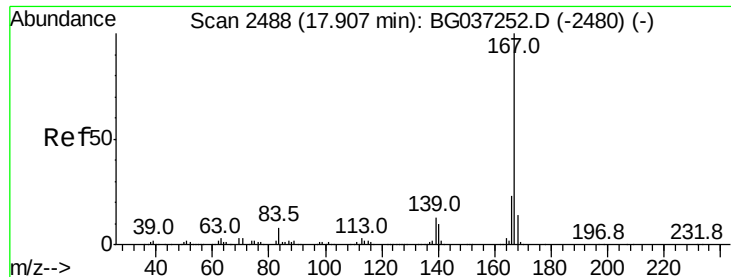
#72
Anthracene
Concen: 40.981 ng
RT: 17.63 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion:178 Resp: 877289
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.4
179 16.3 12.8 19.2



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

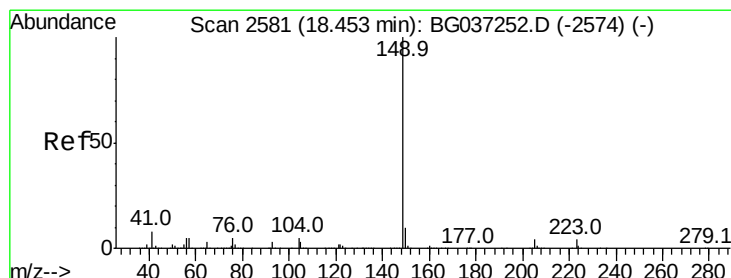
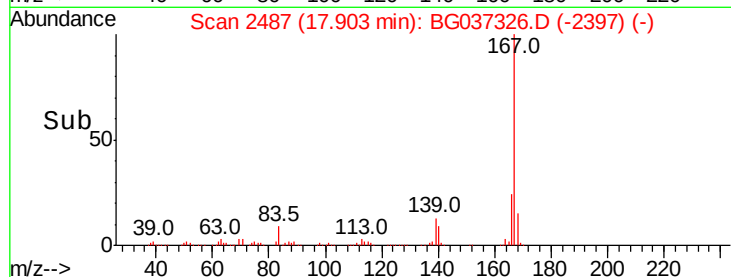
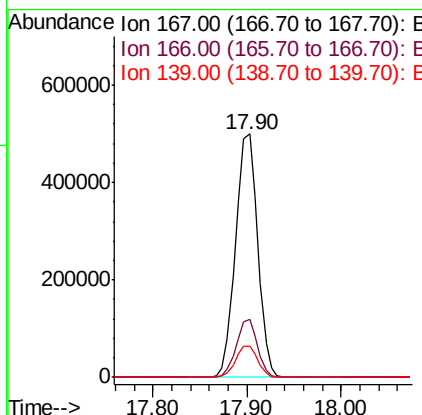
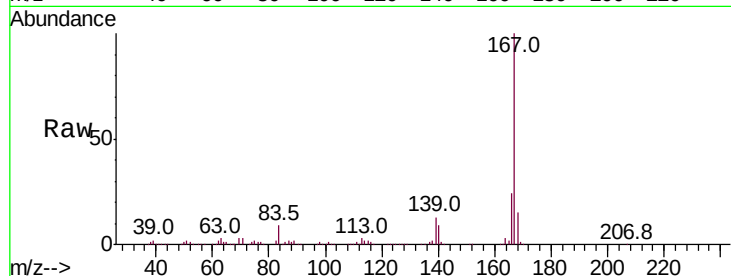




#73
 Carbazole
 Concen: 37.241 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

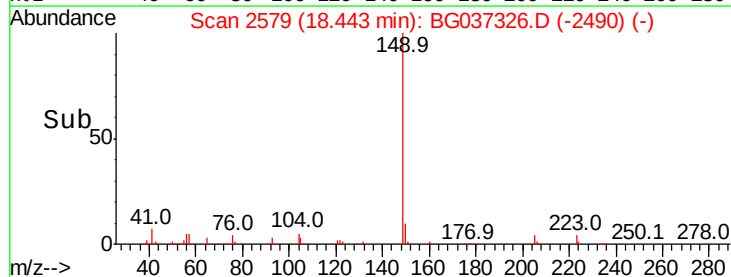
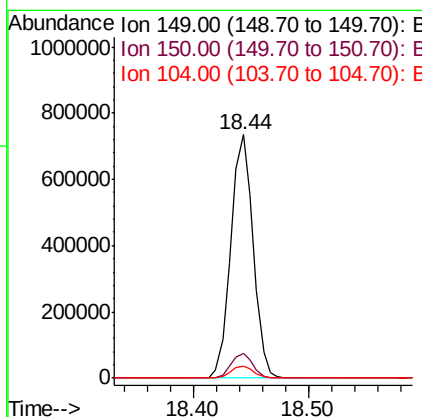
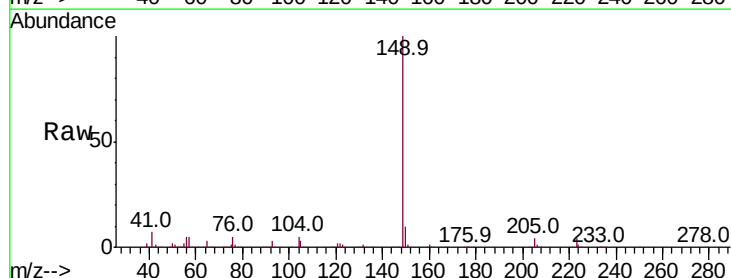
Instrument :
 BNA_G
 ClientSampleId :
 PB113715BS

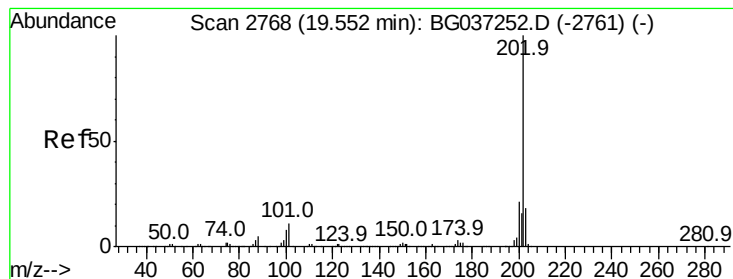
Tot Ion:167 Resp: 821404
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.3 27.5
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.525 ng
 RT: 18.44 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Tgt Ion:149 Resp: 981675
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.2 12.2
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 40.242 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

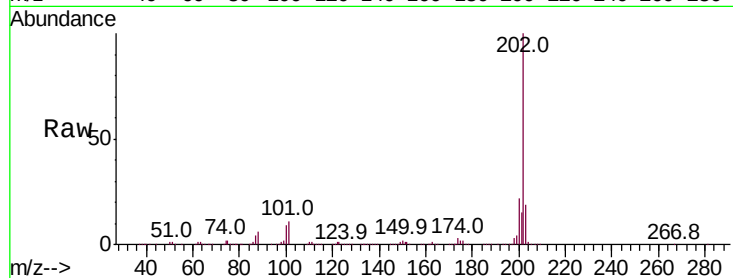
BNA_G

ClientSampleId :

PB113715BS

Tot Ion:202 Resp: 1028670

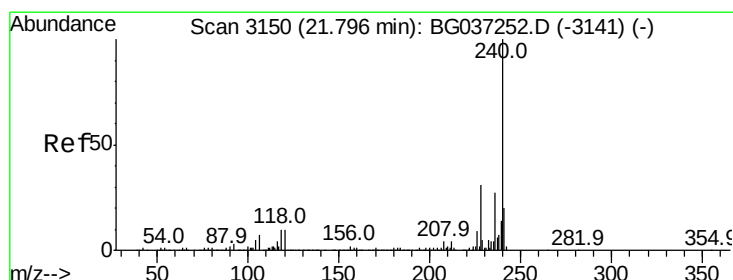
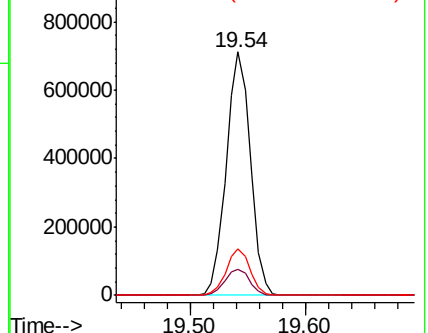
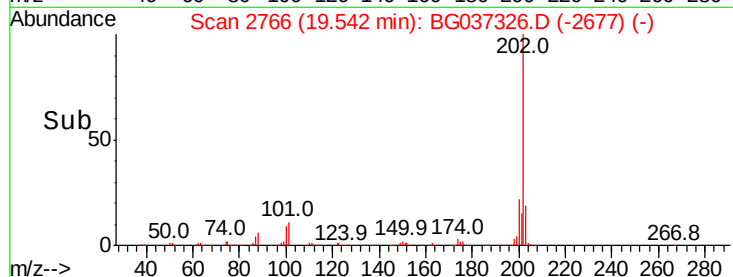
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.7
203	18.9	0.0	38.5



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: 21.79 min Scan# 3148

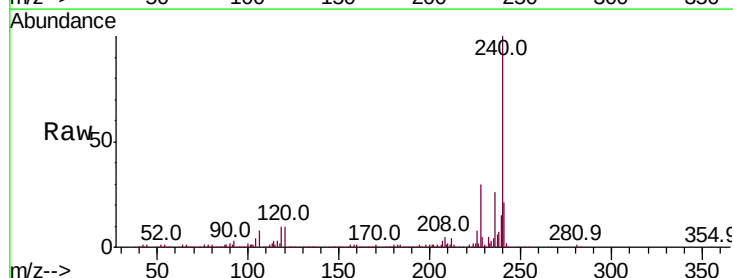
Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Tgt Ion:240 Resp: 397974

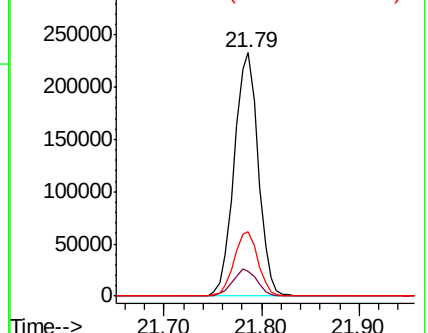
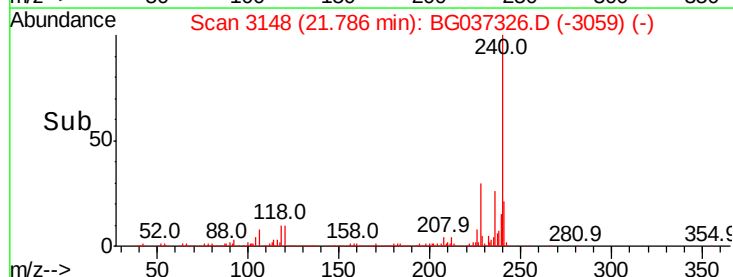
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	26.4	21.4	32.0

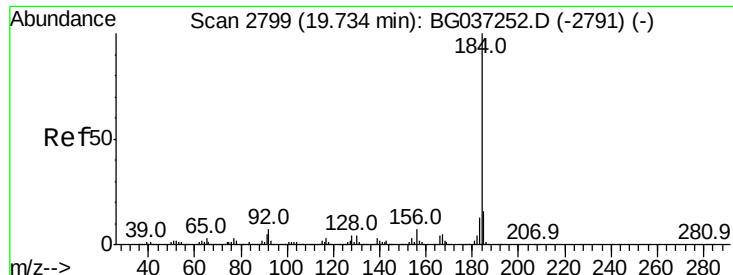


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.868 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

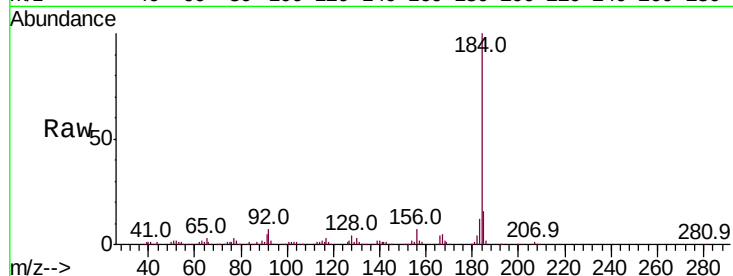
Tot Ion:184 Resp: 195912

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

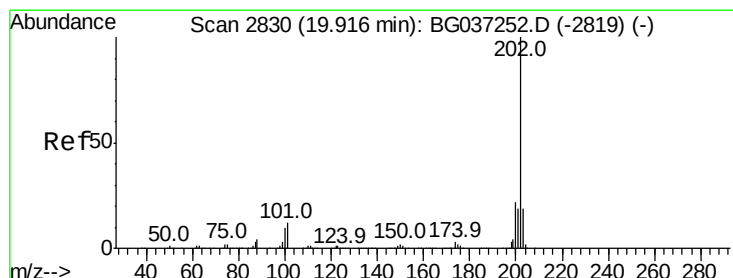
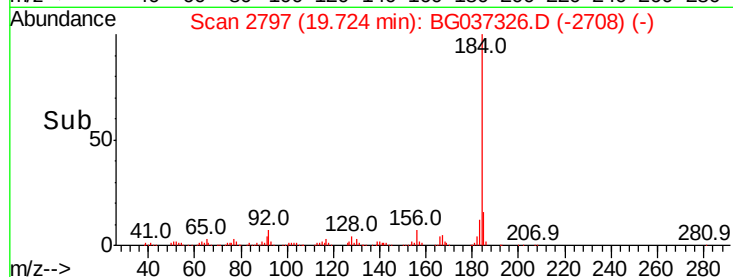
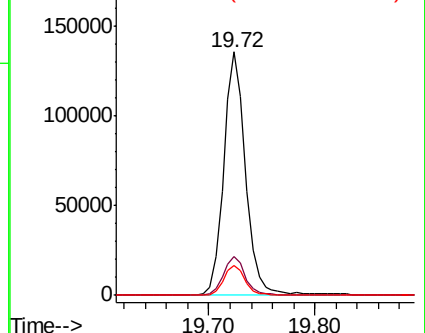
183 12.4 10.2 15.2



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: 39.424 ng

RT: 19.91 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

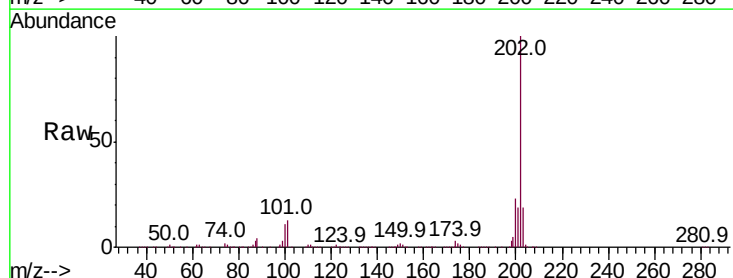
Tgt Ion:202 Resp: 1022572

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.6

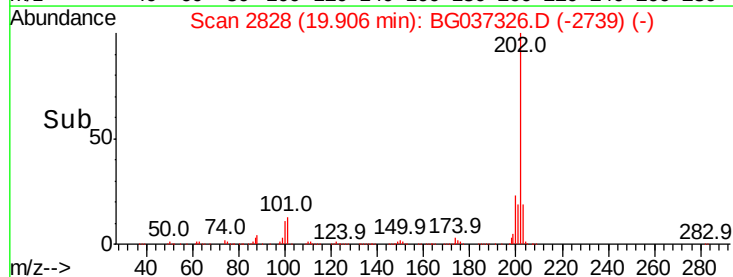
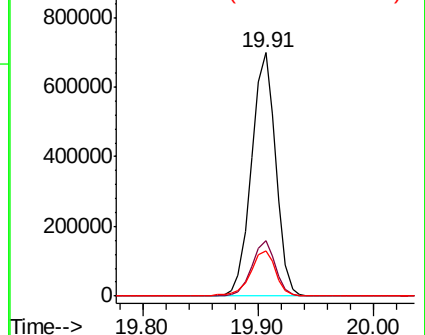
203 18.8 15.2 22.8

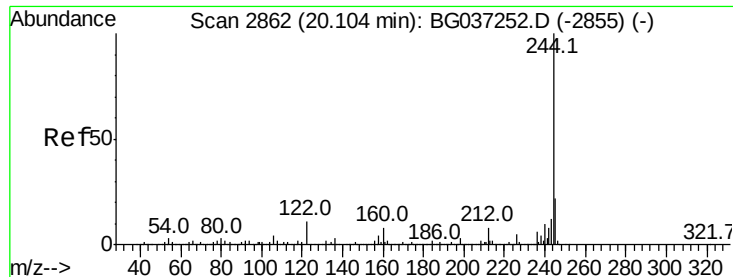


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.903 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

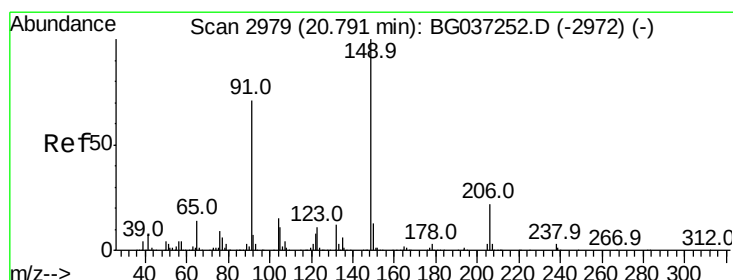
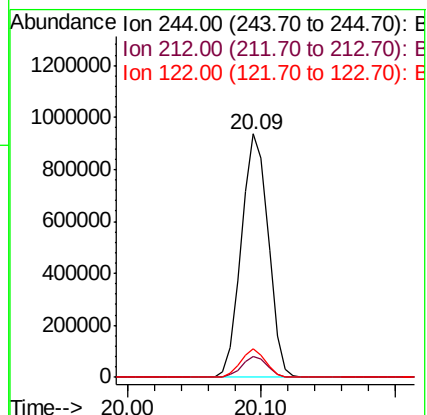
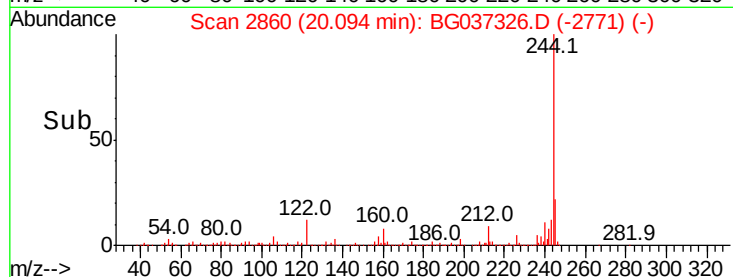
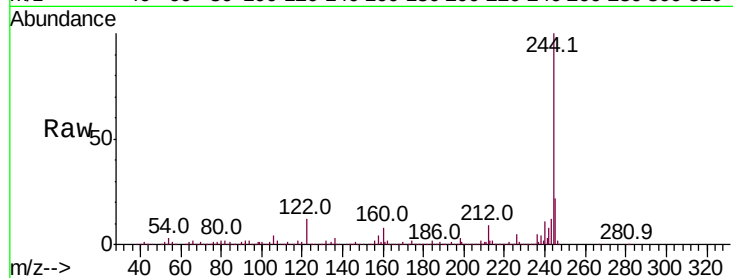
Tot Ion:244 Resp: 1305951

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

122 11.9 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.315 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

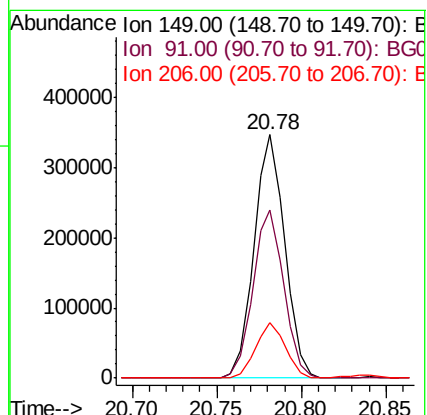
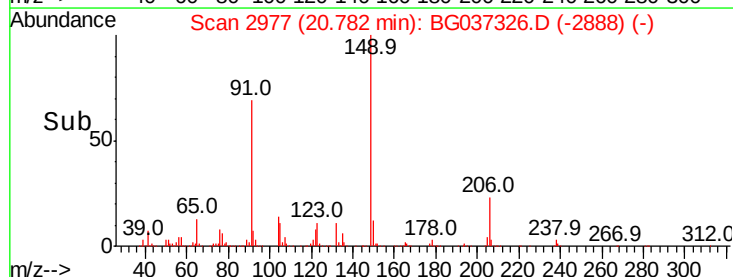
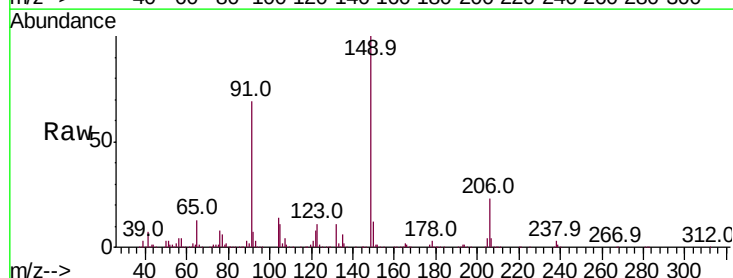
Tgt Ion:149 Resp: 437112

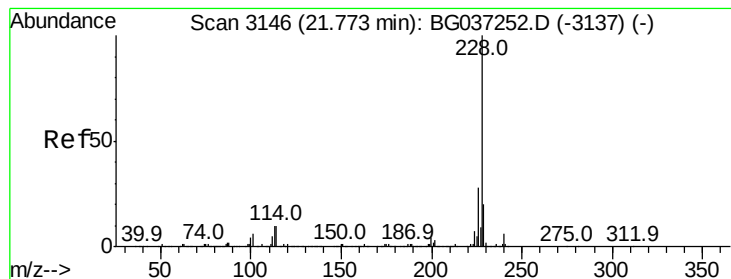
Ion Ratio Lower Upper

149 100

91 69.1 57.0 85.4

206 22.6 17.8 26.6





#81

Benzo(a)anthracene

Concen: 40.583 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

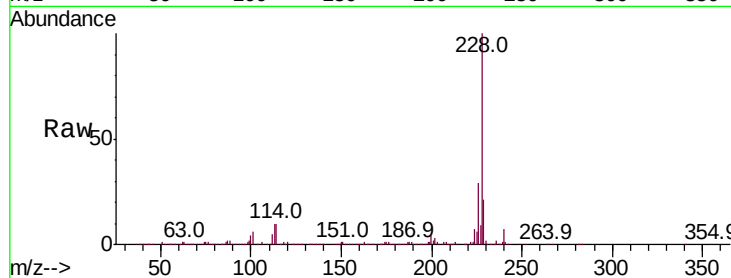
BNA_G

ClientSampleId :

PB113715BS

Tot Ion:228 Resp: 967297

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.8	16.3	24.5

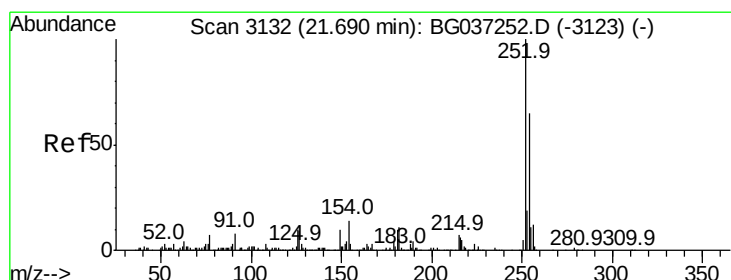
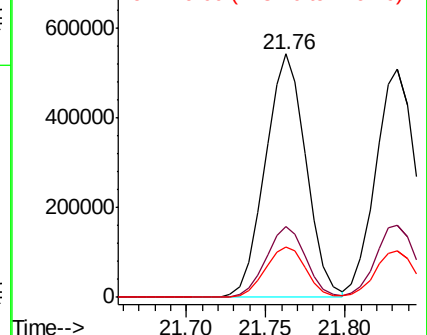
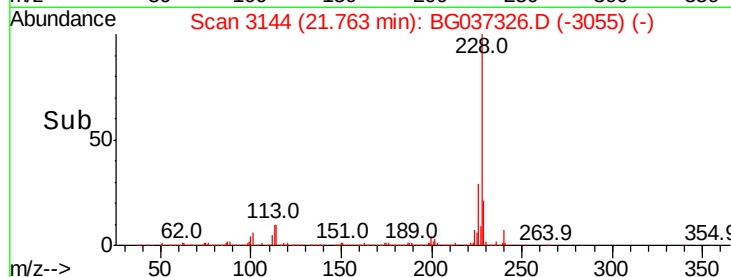


Abundance

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: 14.721 ng

RT: 21.67 min Scan# 3129

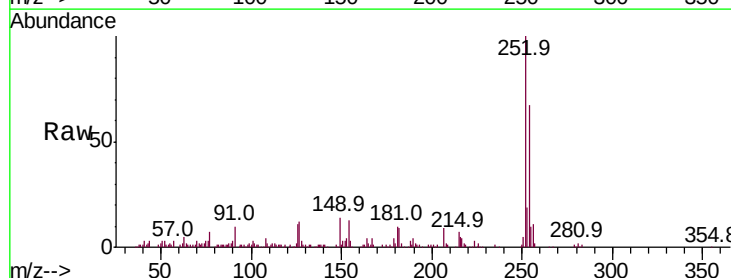
Delta R.T. -0.02 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Tgt Ion:252 Resp: 135354

Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.0	78.0
126	10.7	8.2	12.4

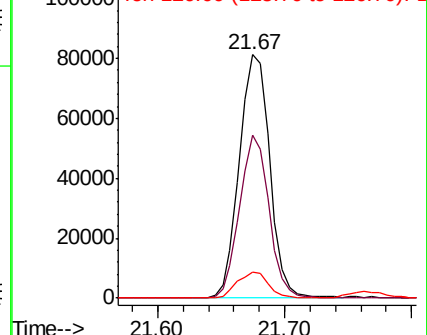
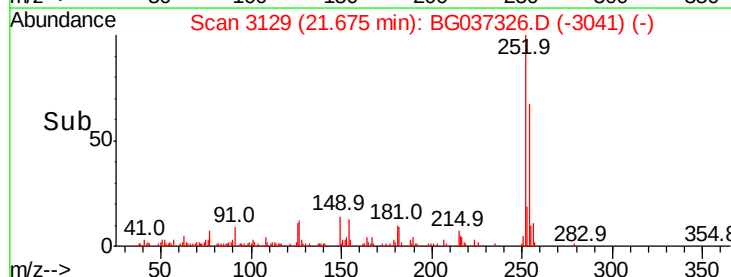


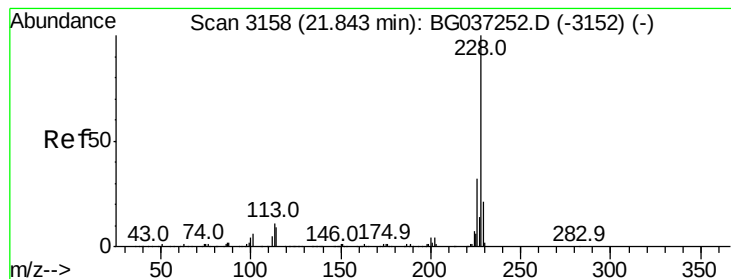
Abundance

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: 39.265 ng

RT: 21.83 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

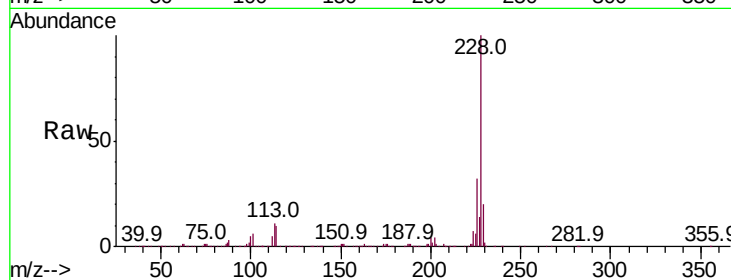
Tot Ion:228 Resp: 892757

Ion Ratio Lower Upper

228 100

226 31.9 25.7 38.5

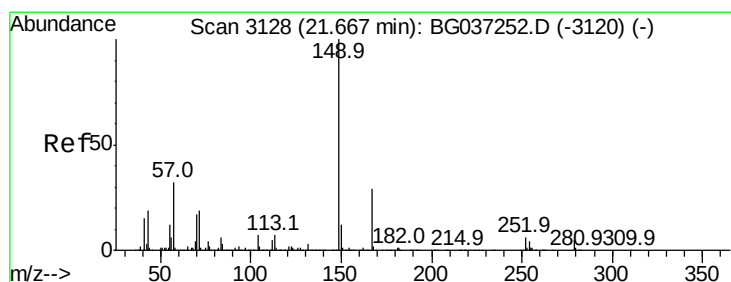
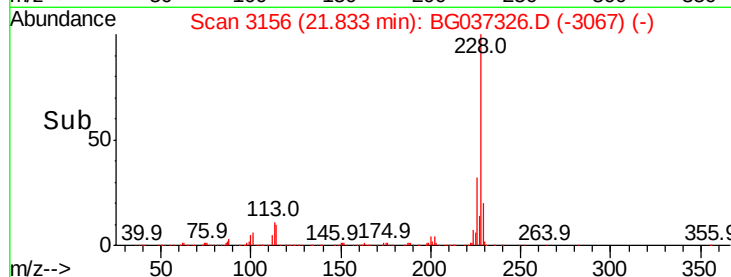
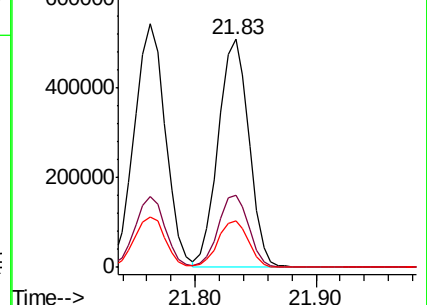
229 20.3 16.5 24.7



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: 42.705 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

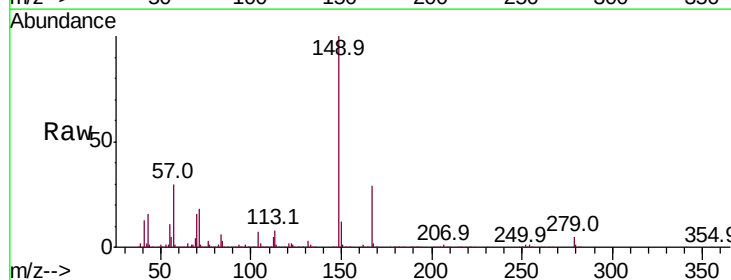
Tgt Ion:149 Resp: 618841

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

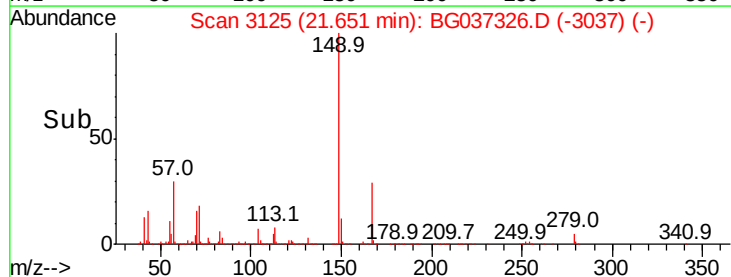
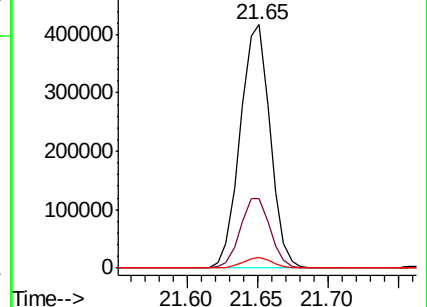
279 4.5 3.6 5.4

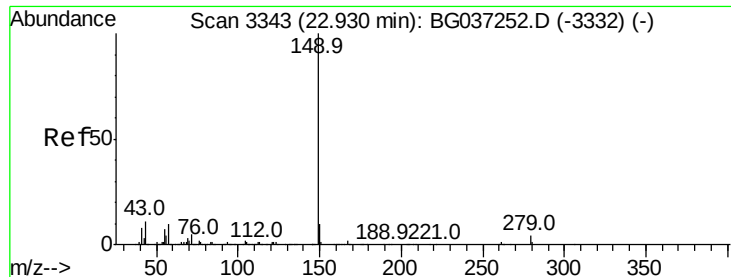


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.471 ng

RT: 22.90 min Scan# 3338

Delta R.T. -0.03 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

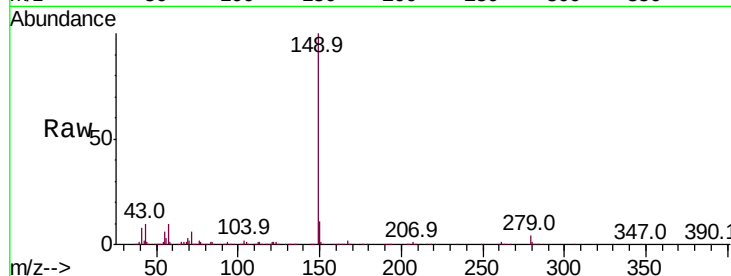
Tot Ion:149 Resp: 1045960

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

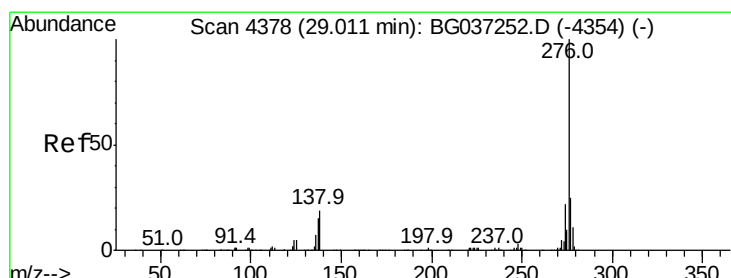
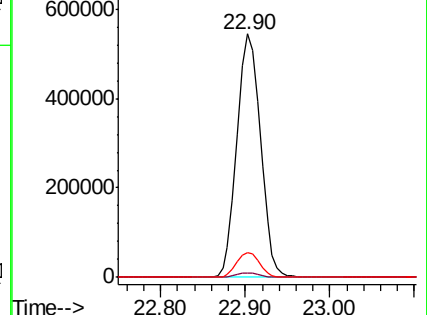
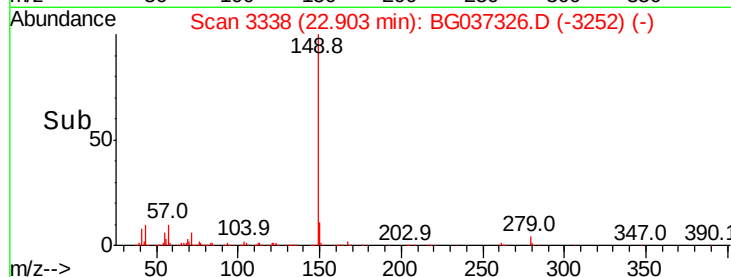
43 9.9 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.279 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.05 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

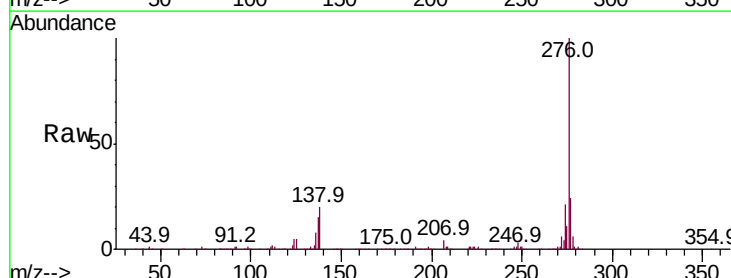
Tgt Ion:276 Resp: 1065486

Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

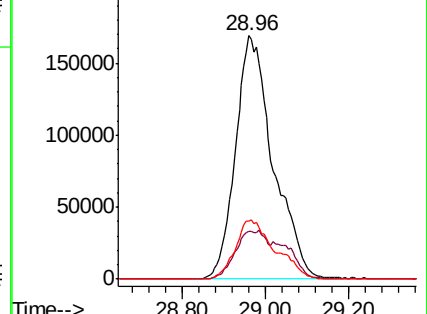
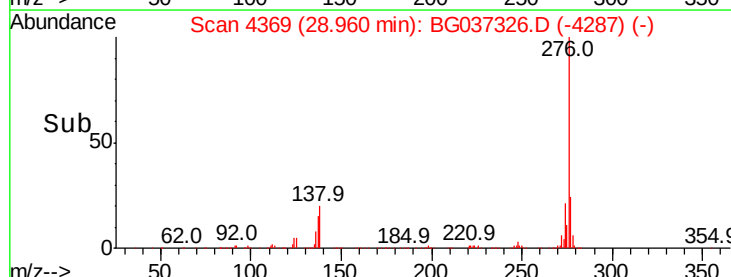
277 25.8 20.6 30.8

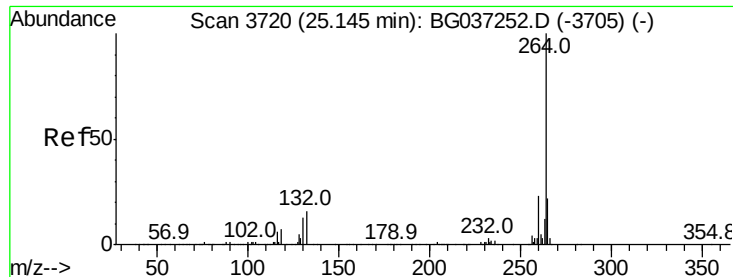


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

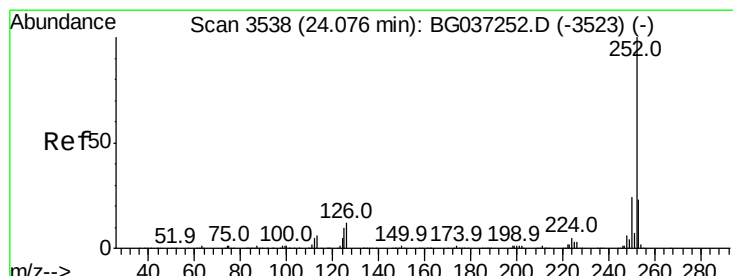
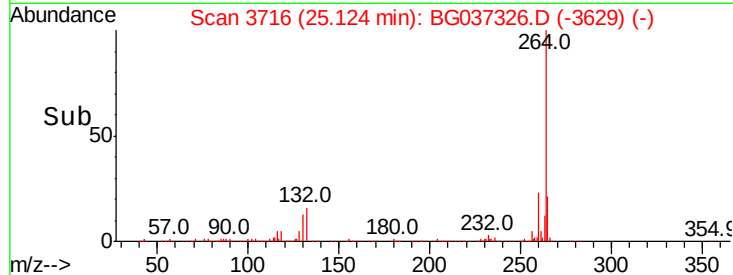
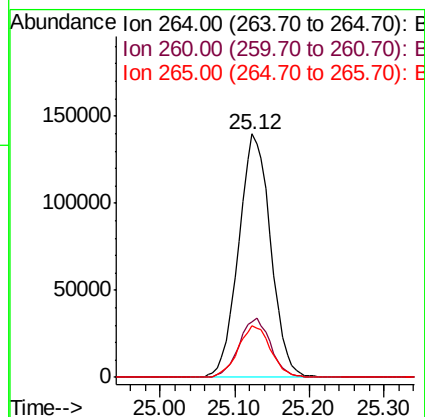
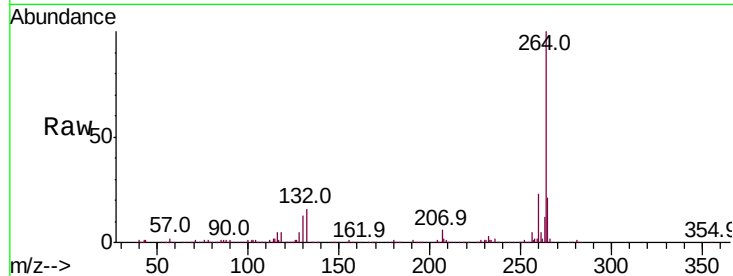




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

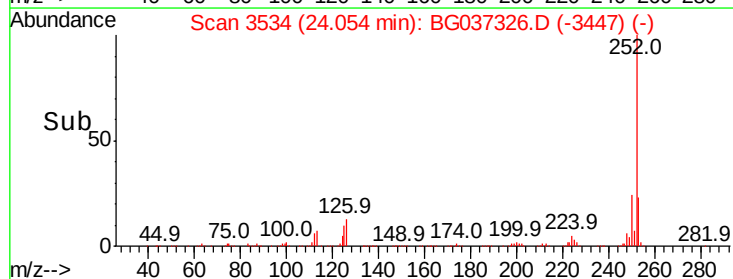
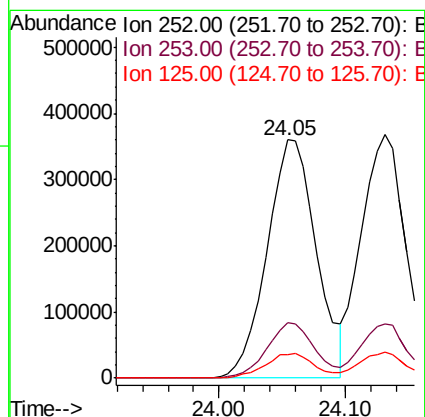
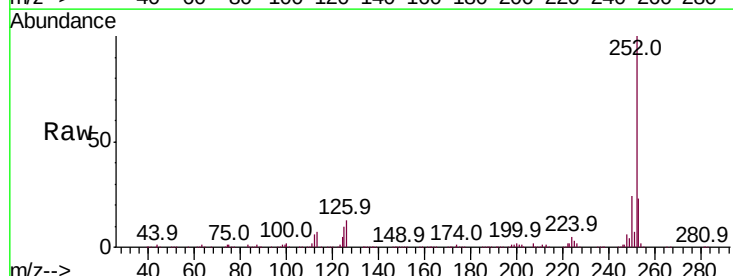
Instrument :
BNA_G
ClientSampleId :
PB113715BS

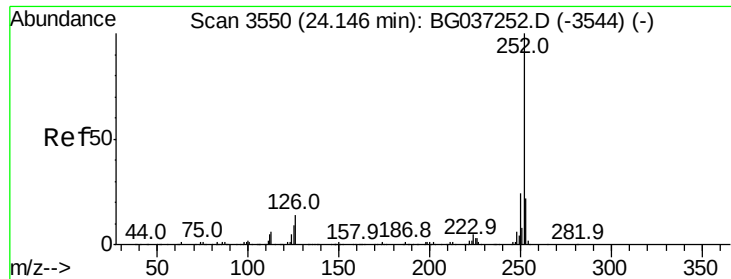
Tot	Ion:264	Resp:	417229
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.4	17.9	26.9



#88
Benzo(b)fluoranthene
Concen: 42.965 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt	Ion:252	Resp:	974621
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.0	7.8	11.6

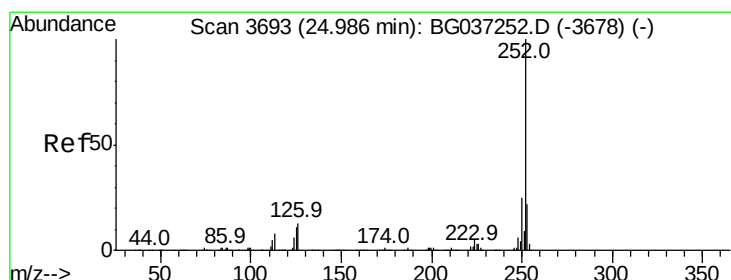
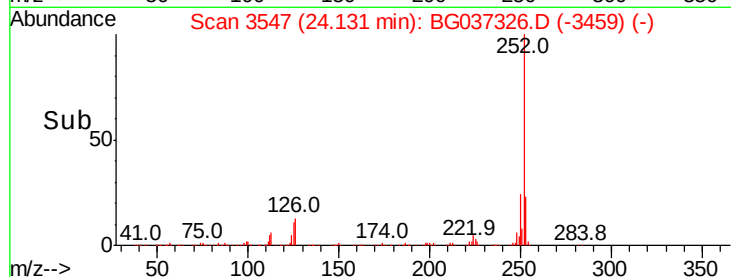
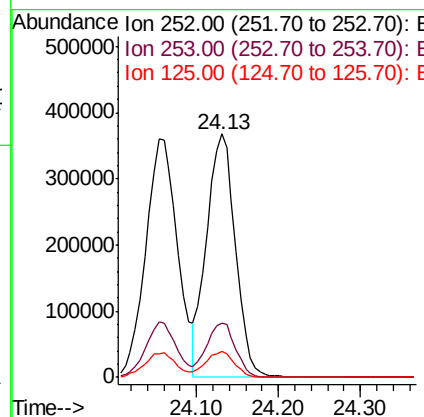
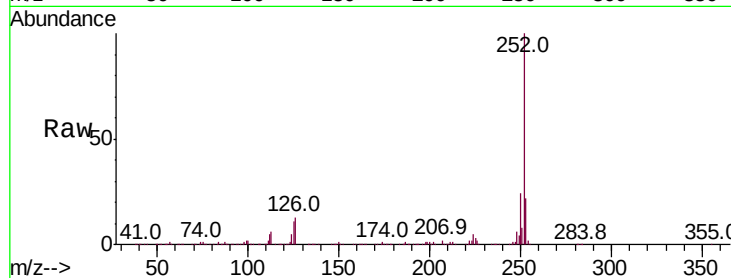




#89
Benzo(k)fluoranthene
Concen: 40.116 ng
RT: 24.13 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

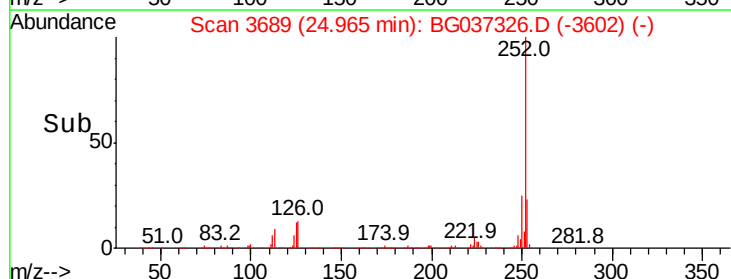
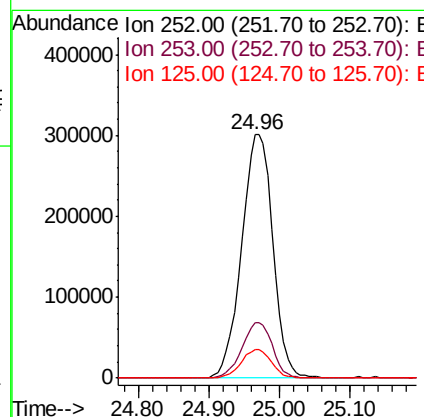
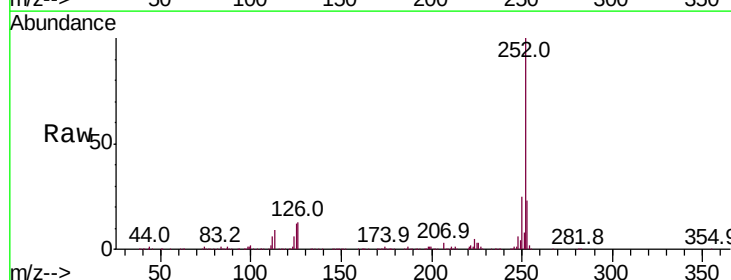
Instrument :
BNA_G
ClientSampleId :
PB113715BS

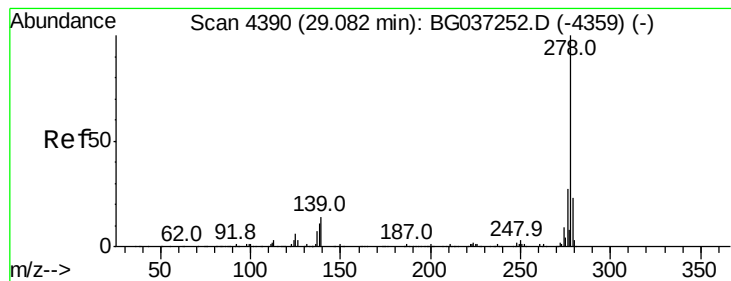
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.5	7.4	11.0



#90
Benzo(a)pyrene
Concen: 42.556 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.6	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.737 ng

RT: 29.05 min Scan# 4384

Delta R.T. -0.03 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

Instrument :

BNA_G

ClientSampleId :

PB113715BS

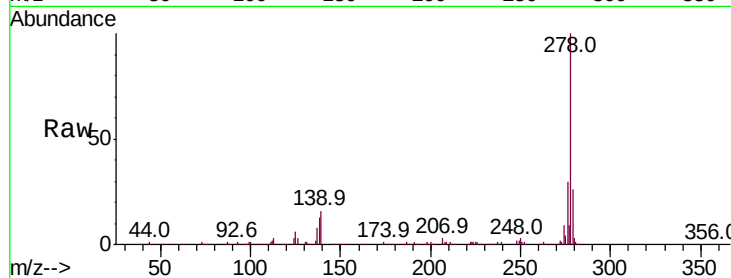
Tot Ion:278 Resp: 868648

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	25.9	18.6	27.8

278 100

139 15.9 11.5 17.3

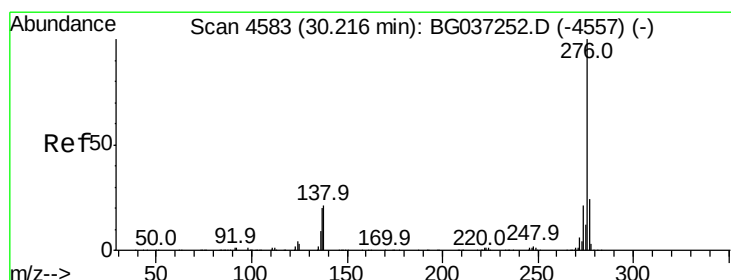
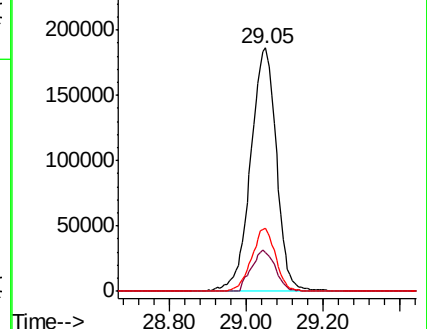
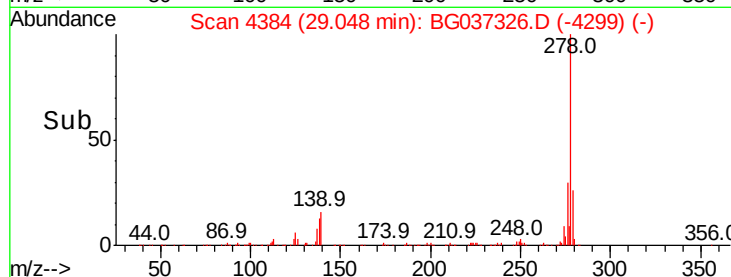
279 25.9 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.331 ng

RT: 30.18 min Scan# 4576

Delta R.T. -0.04 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

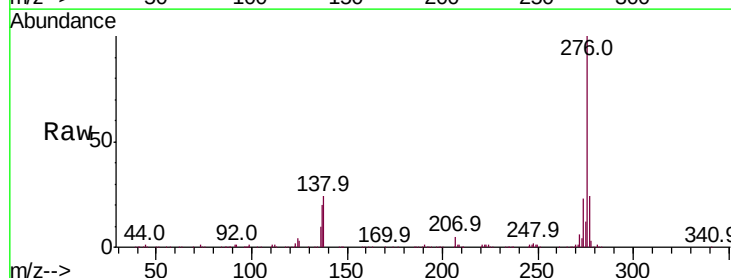
Tgt Ion:276 Resp: 879897

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	23.6	17.2	25.8

276 100

277 24.4 18.9 28.3

138 23.6 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

