

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 :

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

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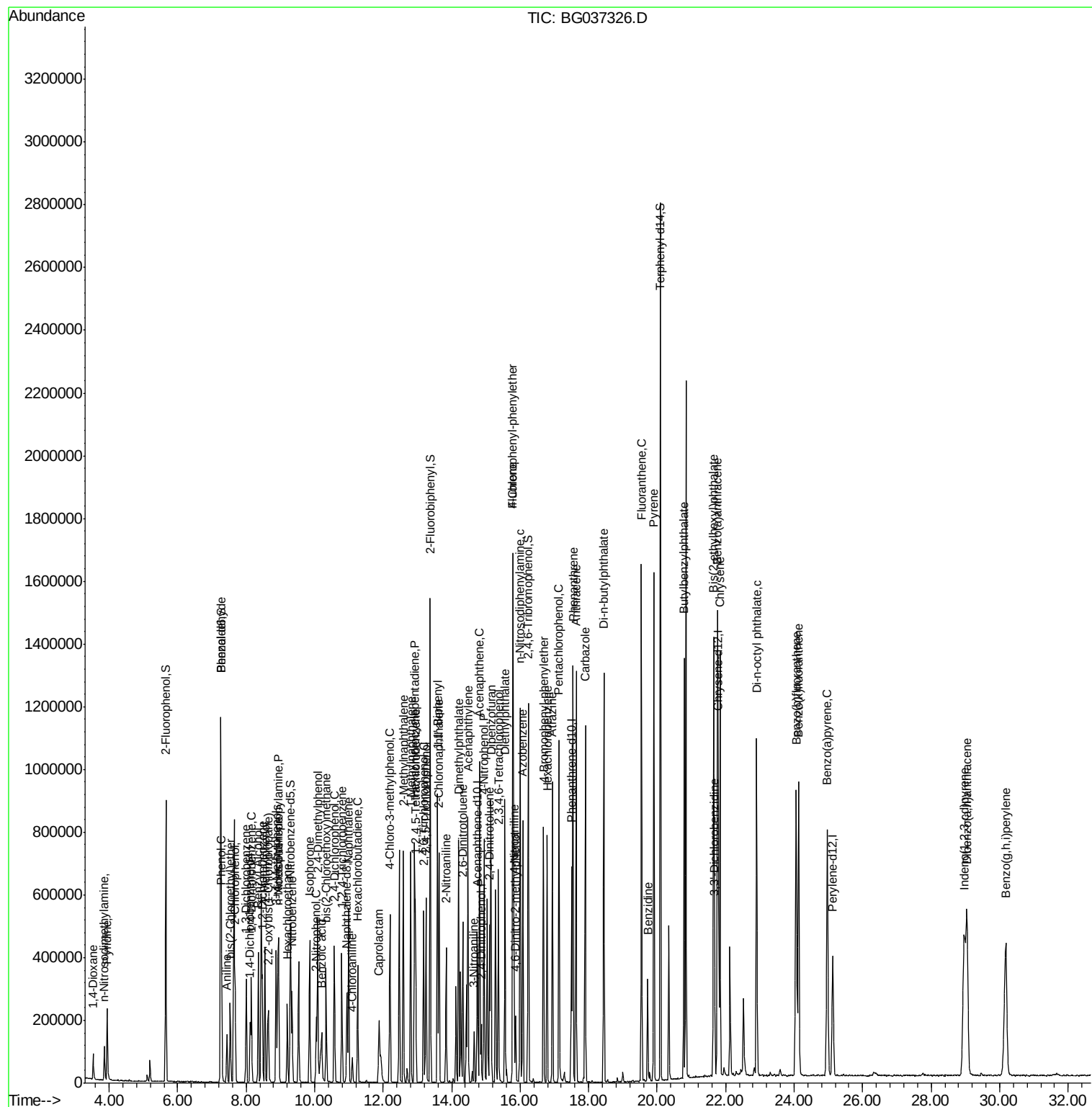
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	209749	90.665	nq	99
43) 2,4,6-Trichlorophenol	13.18	196	148682	45.672	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	161711	46.168	nq	97
46) 1,1'-Biphenyl	13.58	154	503974	35.355	nq	99
47) 2-Chloronaphthalene	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

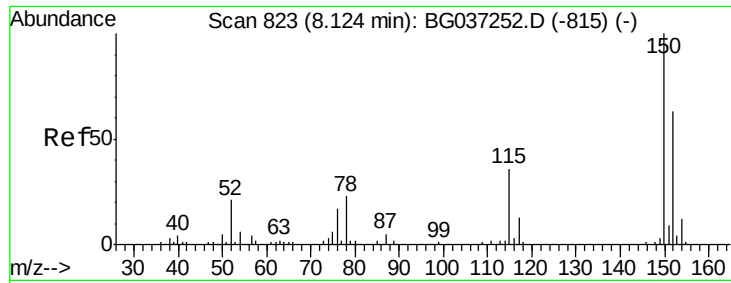
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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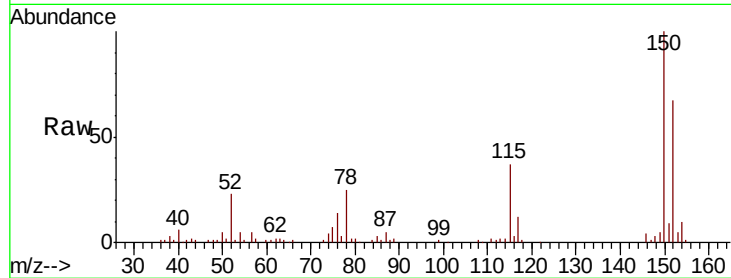


#1

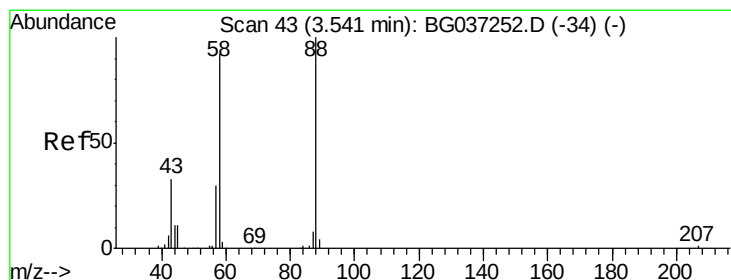
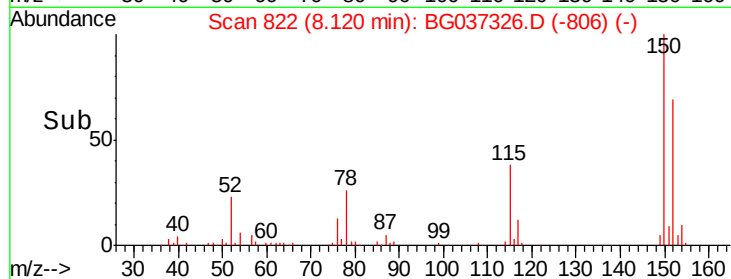
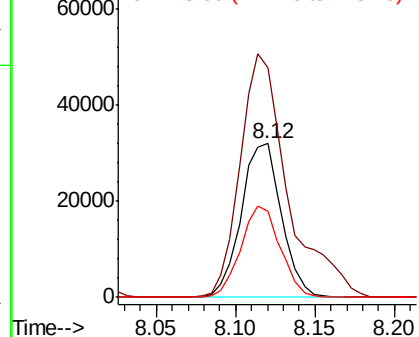
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

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



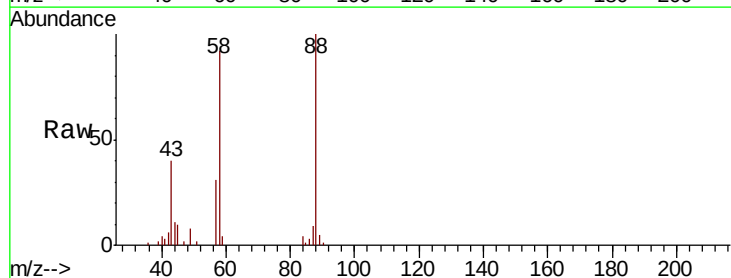
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



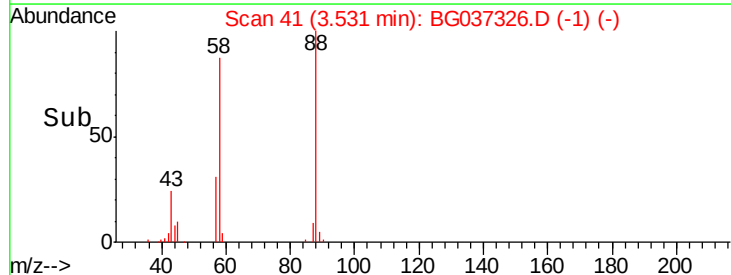
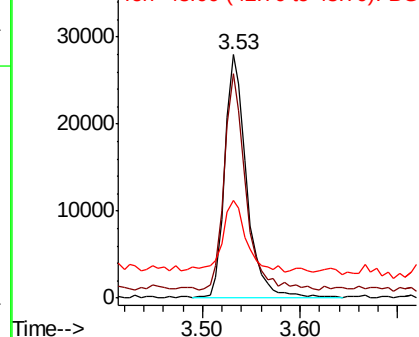
#2

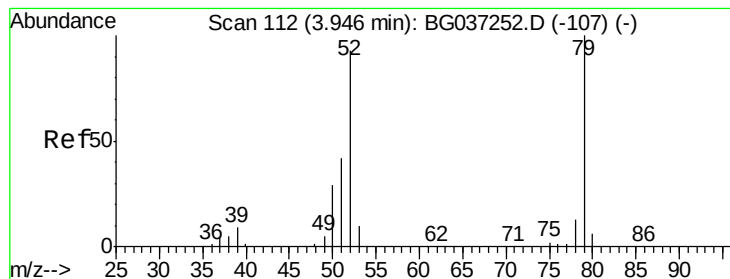
1,4-Dioxane
Concen: 24.063 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

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 :

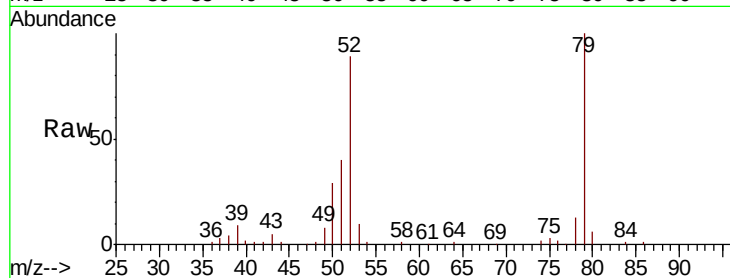
Tot Ion: 79 Resp: 125109

Ion Ratio Lower Upper

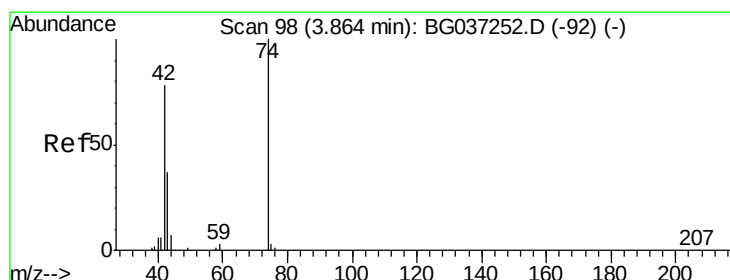
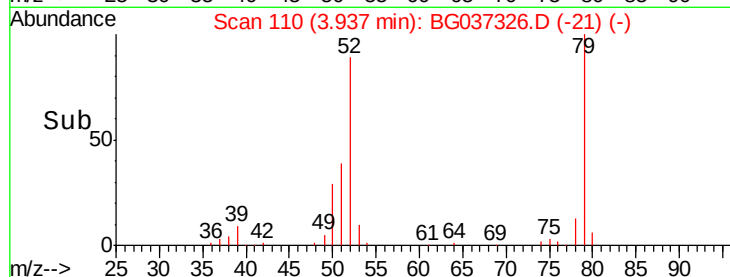
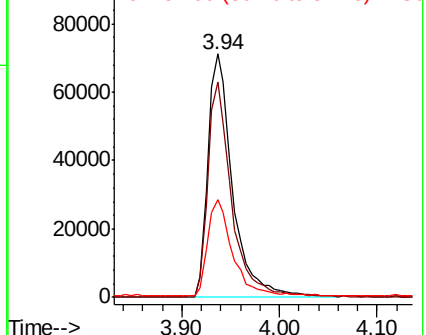
79 100

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

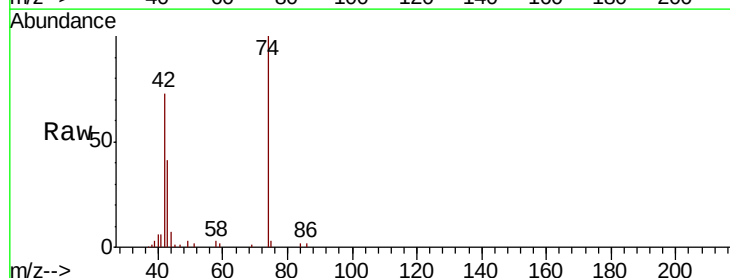
Tgt Ion: 42 Resp: 58866

Ion Ratio Lower Upper

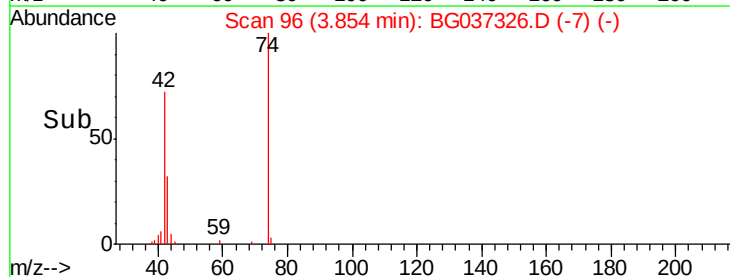
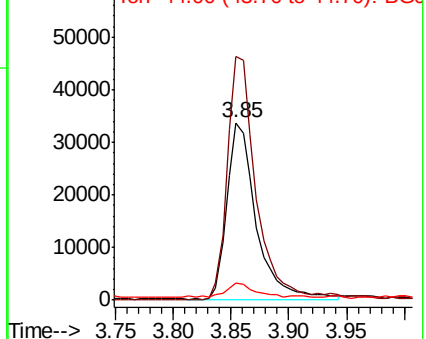
42 100

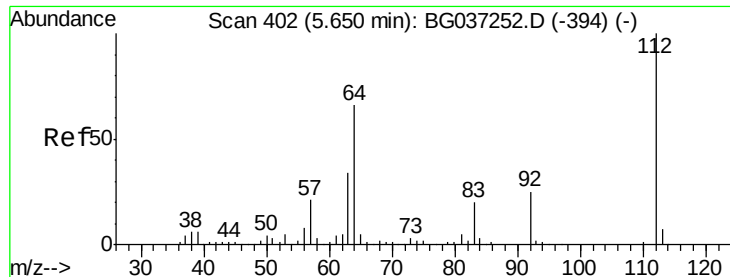
74 137.4 102.0 153.0

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 :

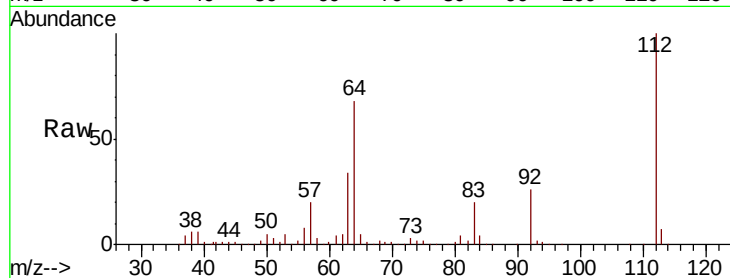
Tot Ion: 112 Resp: 397173

Ion Ratio Lower Upper

112 100

64 68.4 53.1 79.7

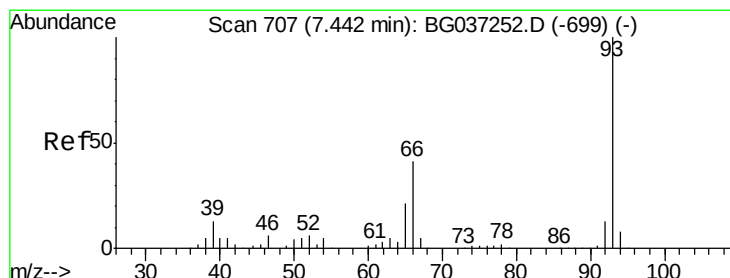
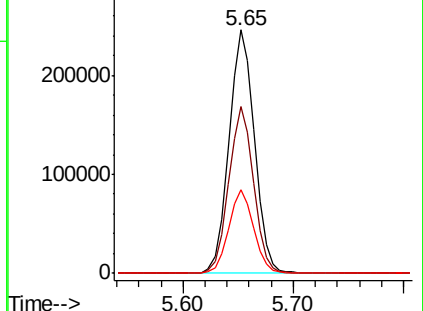
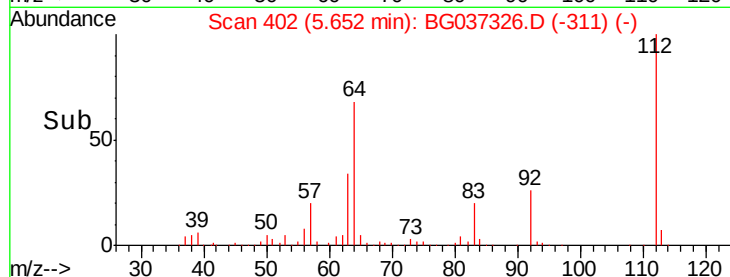
63 34.3 27.3 40.9



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

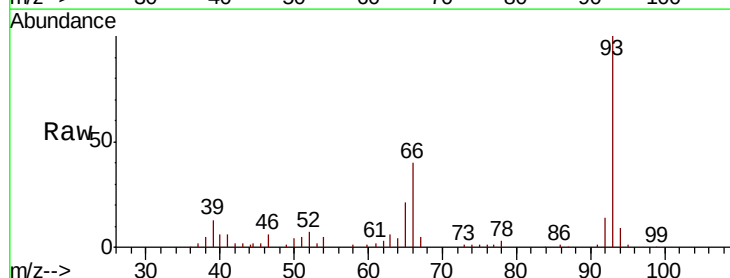
Tgt Ion: 93 Resp: 104036

Ion Ratio Lower Upper

93 100

66 40.4 32.8 49.2

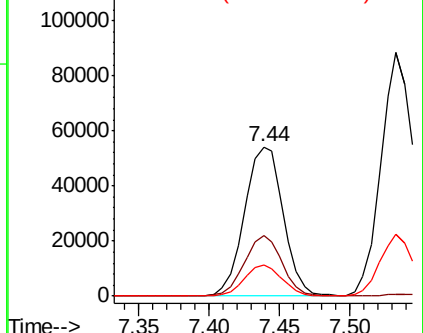
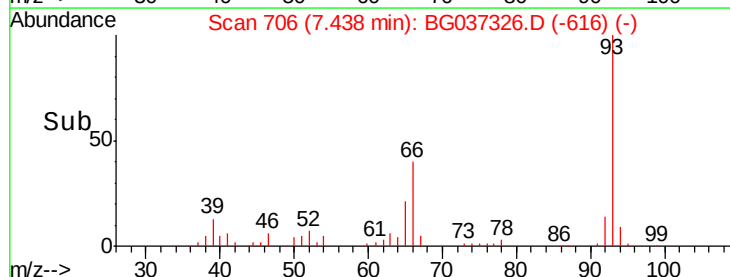
65 21.1 16.4 24.6

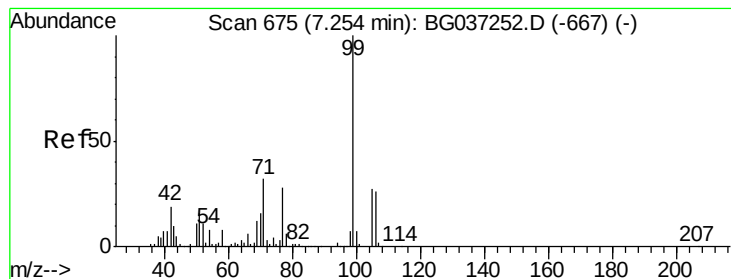


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

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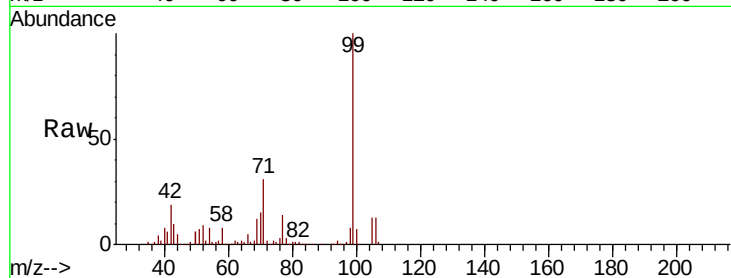
Tot Ion: 99 Resp: 588888

Ion Ratio Lower Upper

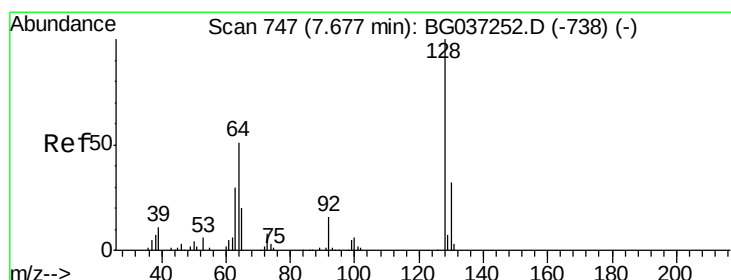
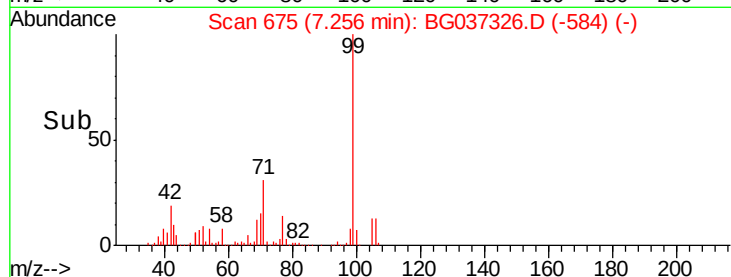
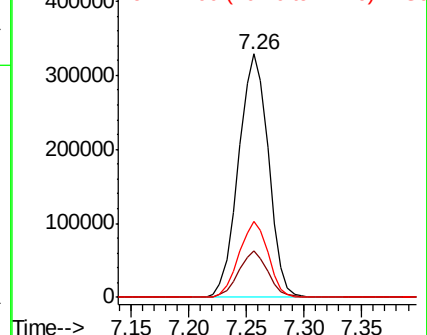
99 100

42 18.9 15.0 22.4

71 31.4 25.5 38.3



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



#8

2-Chlorophenol

Concen: 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

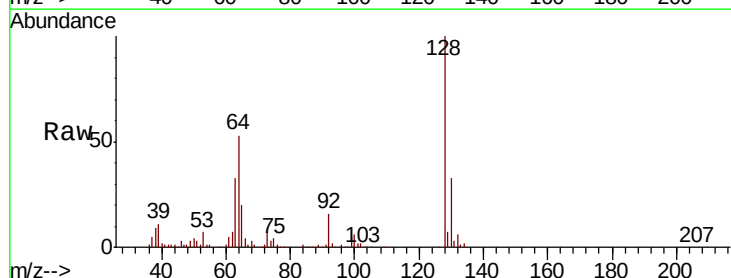
Tgt Ion: 128 Resp: 156771

Ion Ratio Lower Upper

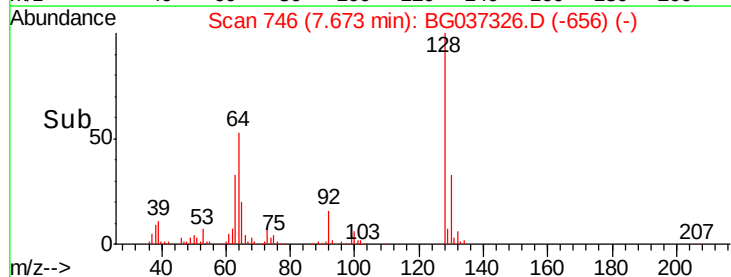
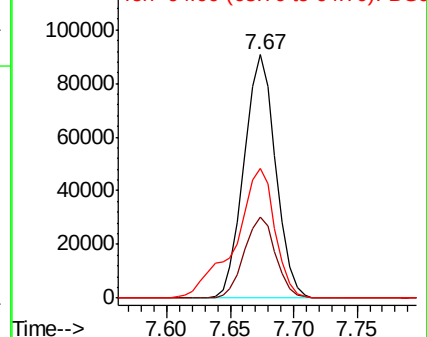
128 100

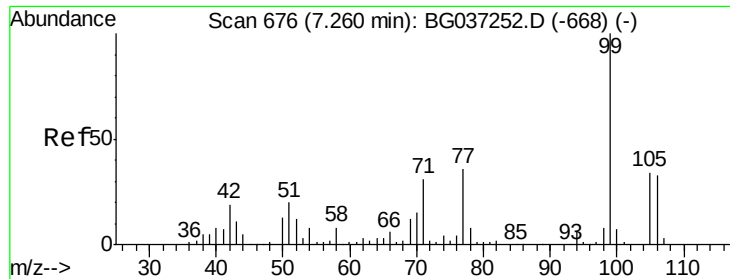
130 33.2 12.0 52.0

64 53.3 32.9 72.9



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





#9

Benzaldehyde

Concen: 24.815 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

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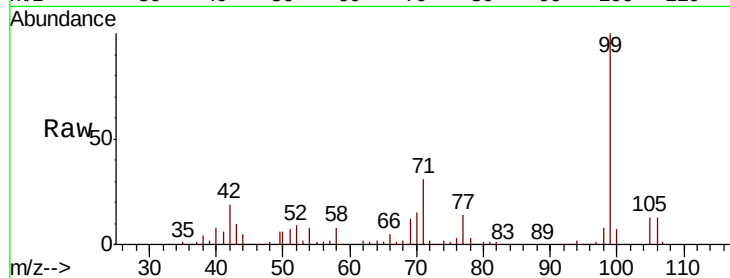
Tot Ion: 77 Resp: 83393

Ion Ratio Lower Upper

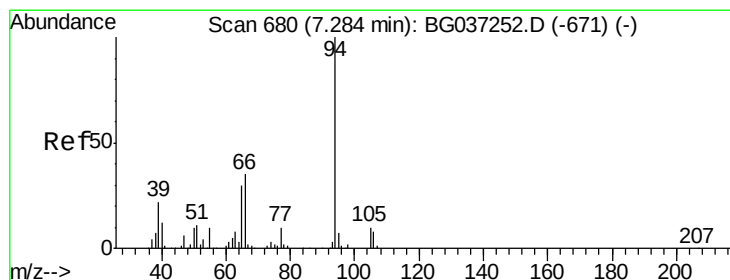
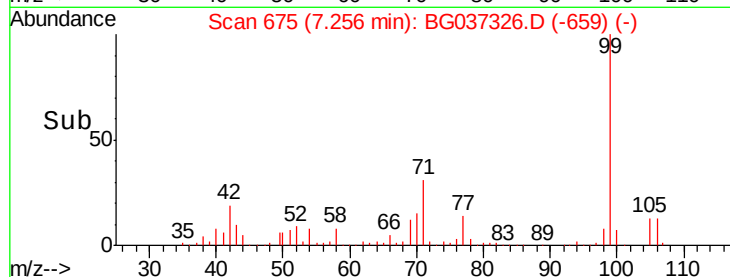
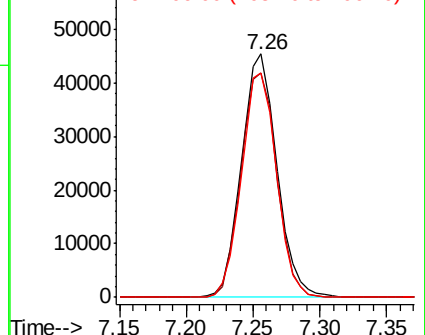
77 100

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

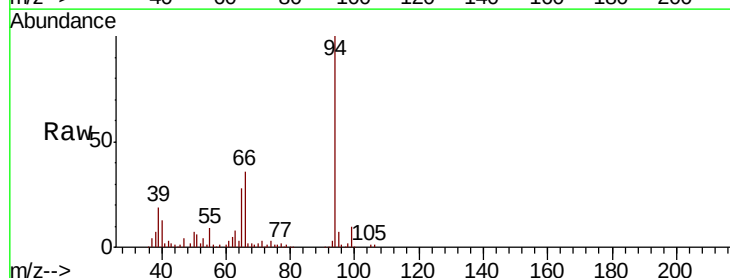
Tgt Ion: 94 Resp: 215960

Ion Ratio Lower Upper

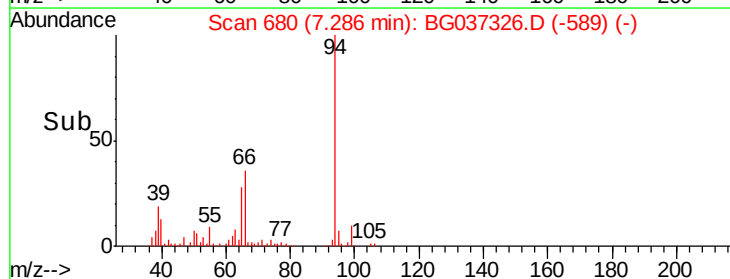
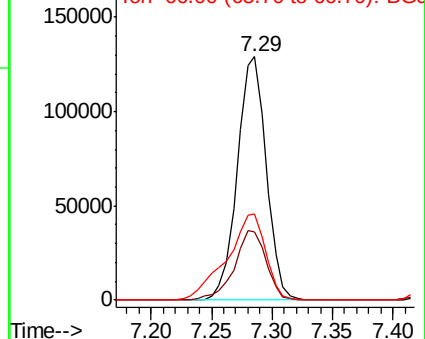
94 100

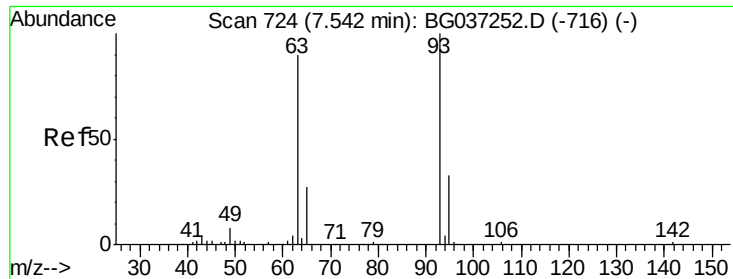
65 28.3 9.7 49.7

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

ClientSampled :

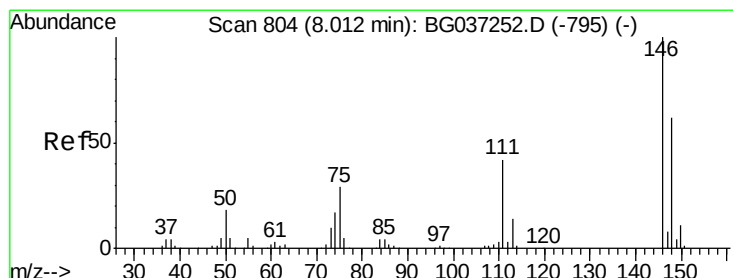
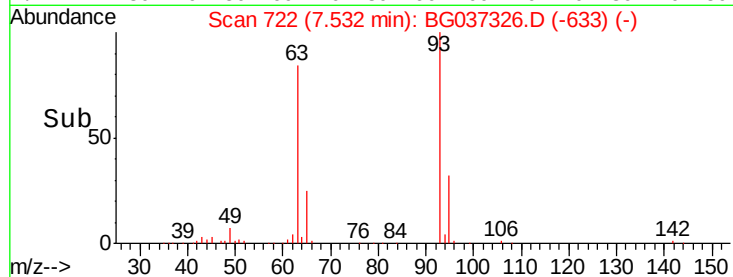
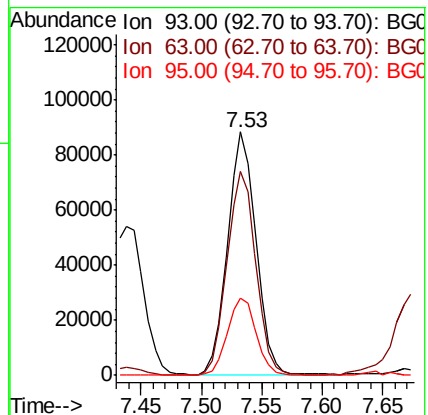
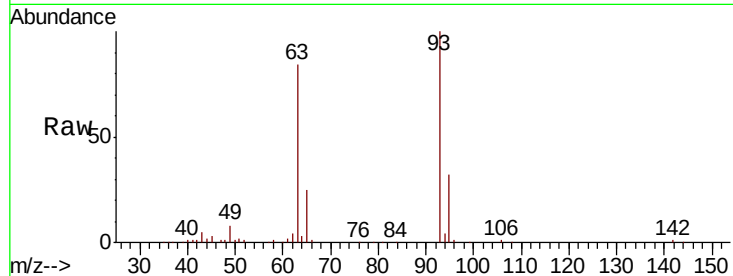
Tot Ion: 93 Resp: 144270

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

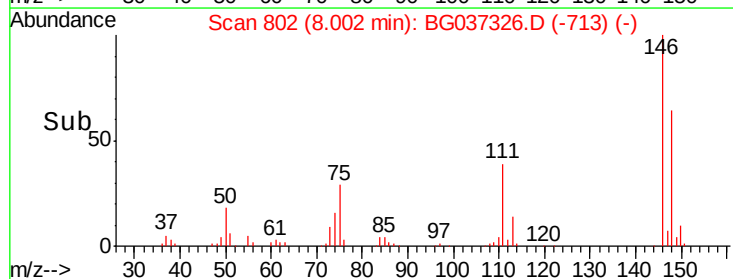
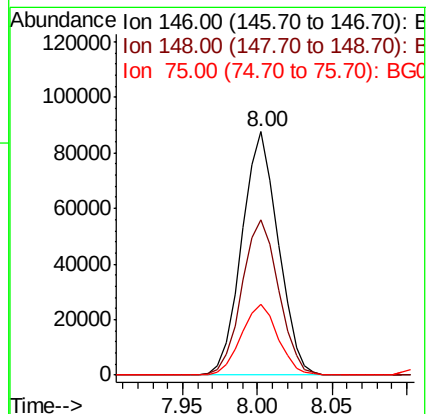
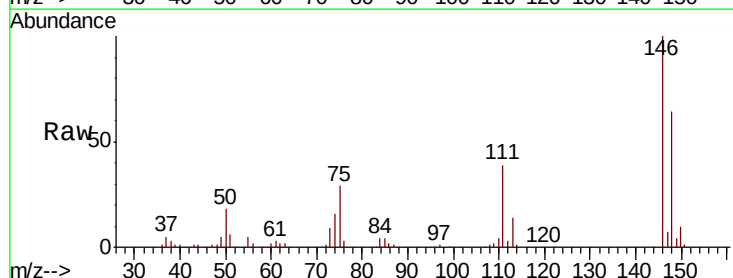
Tgt Ion: 146 Resp: 147391

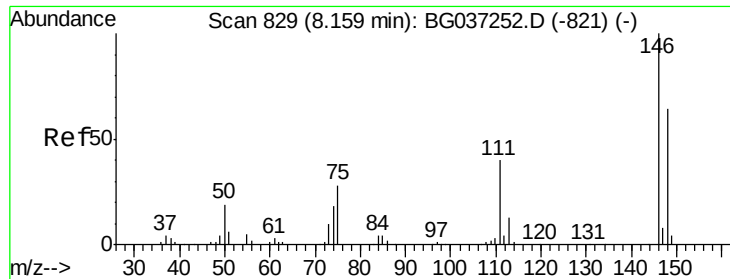
Ion Ratio Lower Upper

146 100

148 63.6 49.8 74.8

75 28.9 23.2 34.8

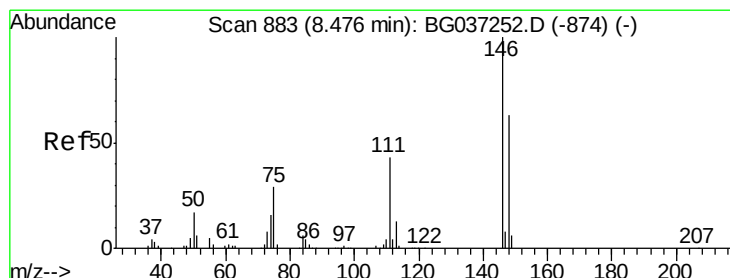
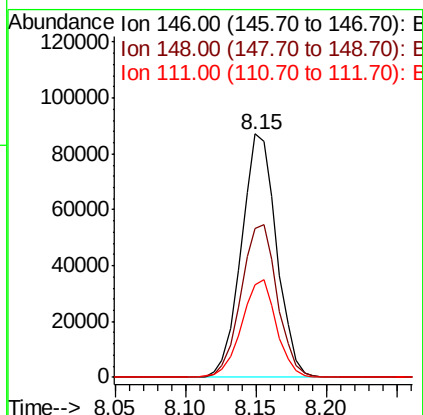
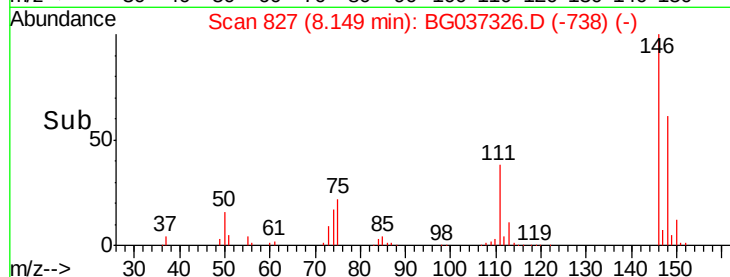
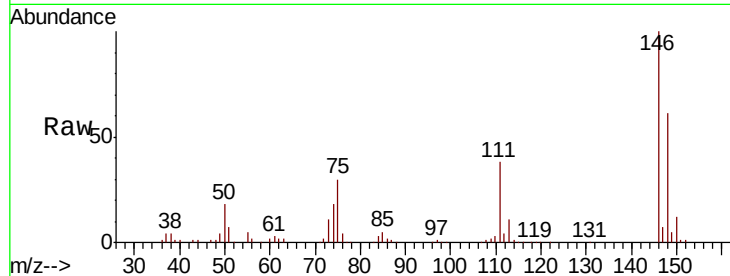




#13
 1,4-Dichlorobenzene
 Concen: 33.891 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

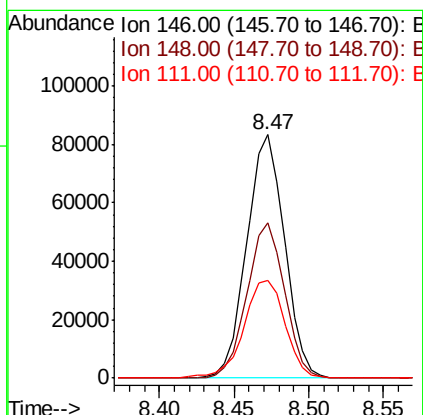
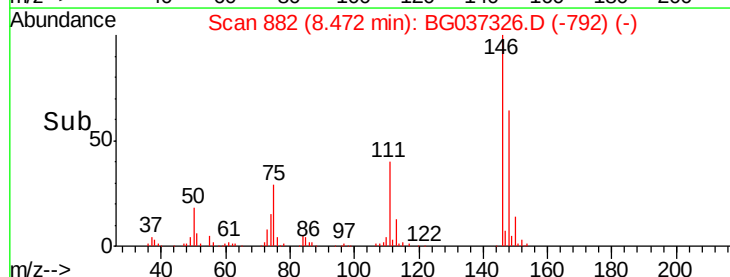
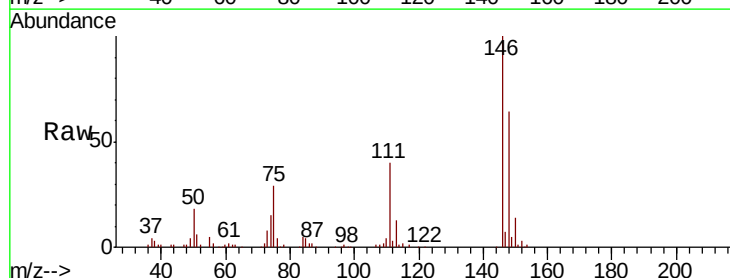
Instrument :
 BNA_G
 ClientSampled :

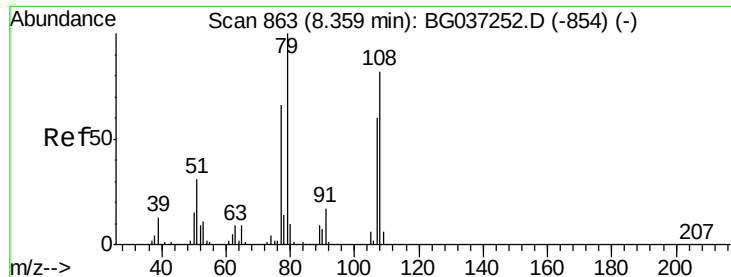
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.0	76.6
111	38.1	32.4	48.6



#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	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

ClientSampled :

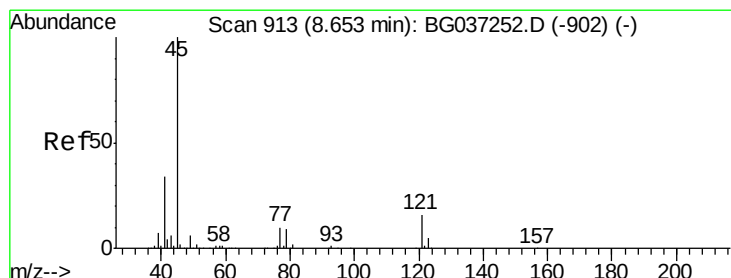
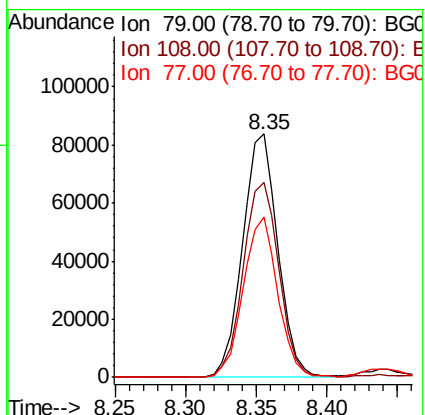
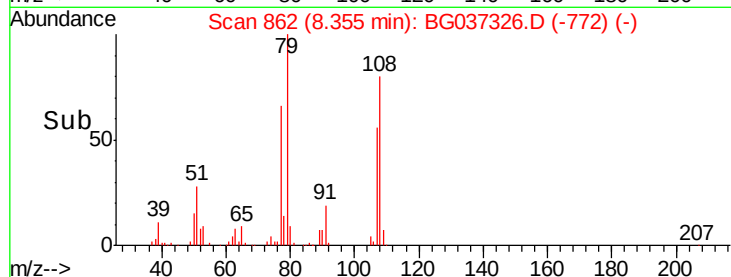
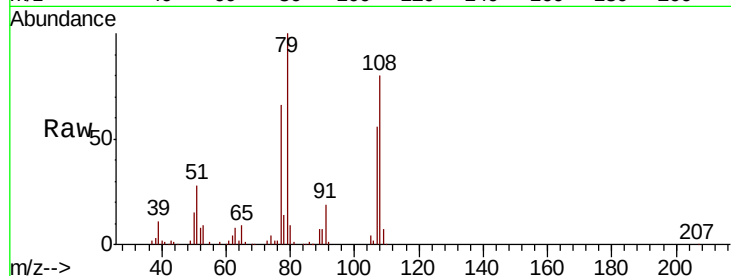
Tot Ion: 79 Resp: 146535

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

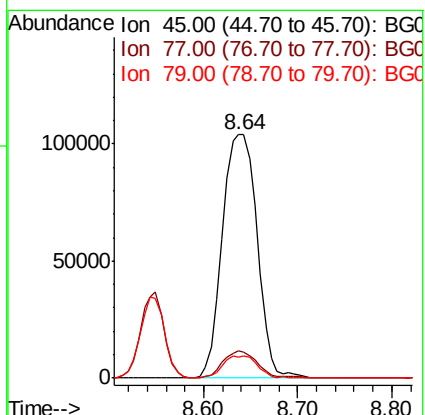
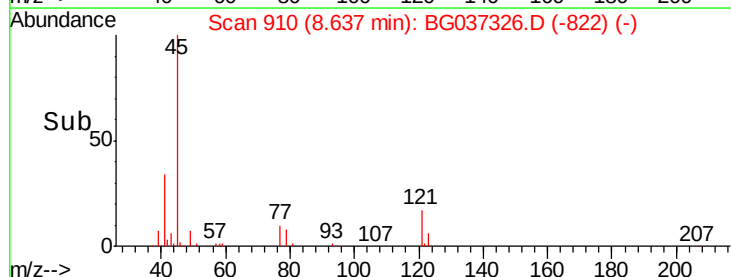
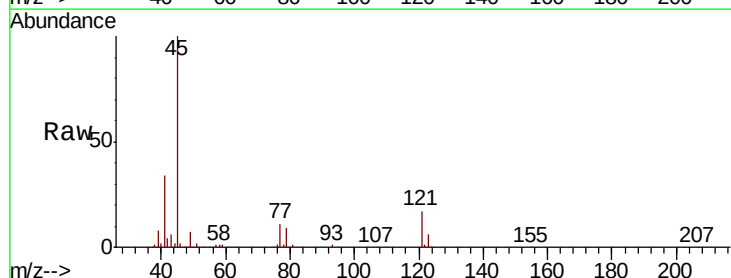
Tgt Ion: 45 Resp: 268542

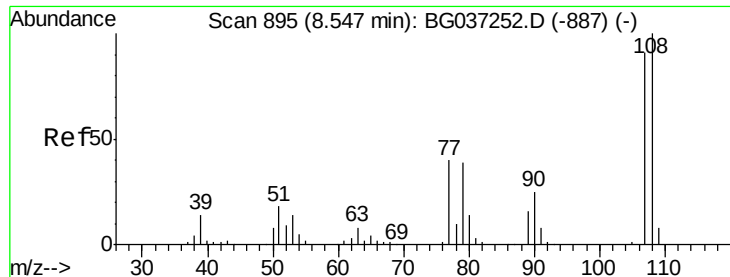
Ion Ratio Lower Upper

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 :

Tot Ion:107 Resp: 146942

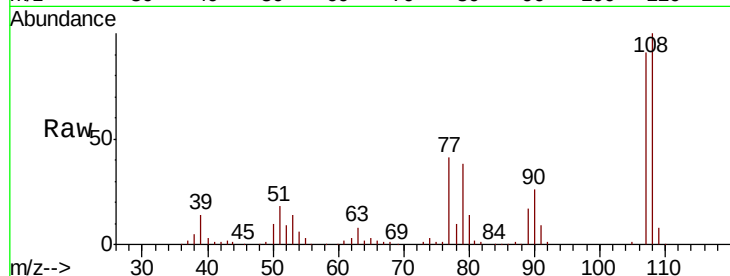
Ion Ratio Lower Upper

107 100

108 109.9 87.9 131.9

77 45.1 35.1 52.7

79 41.9 34.5 51.7

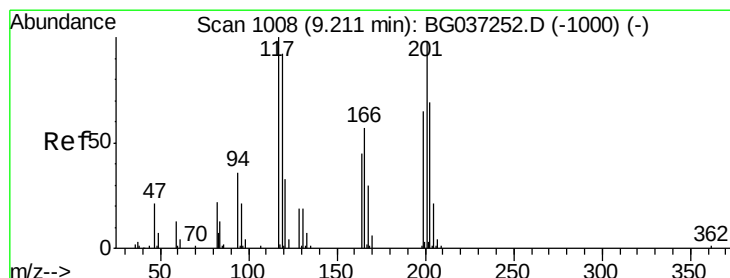
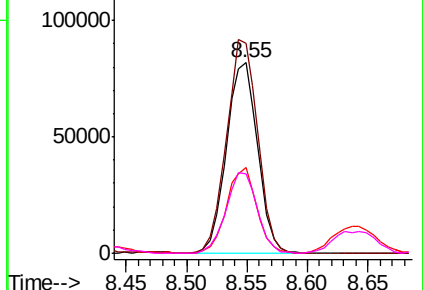
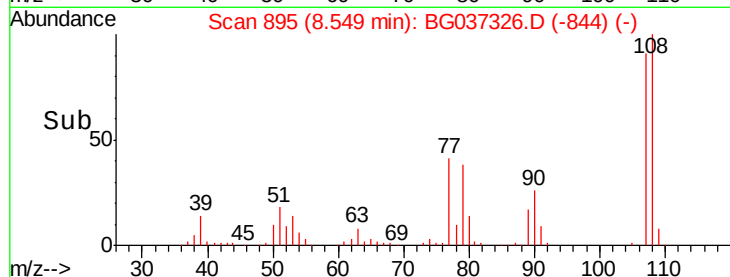


Abundance Ion 107.00 (106.70 to 107.70): E

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

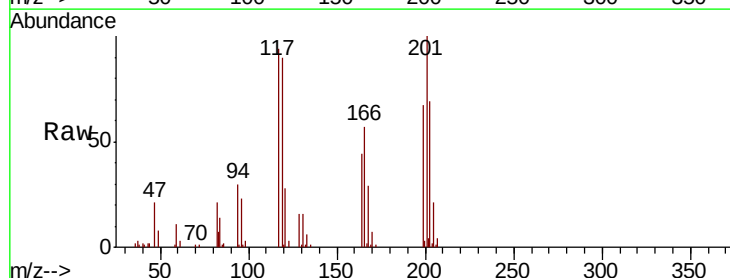
Tgt Ion:117 Resp: 53433

Ion Ratio Lower Upper

117 100

119 95.8 74.6 111.8

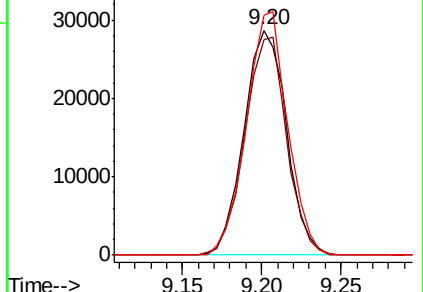
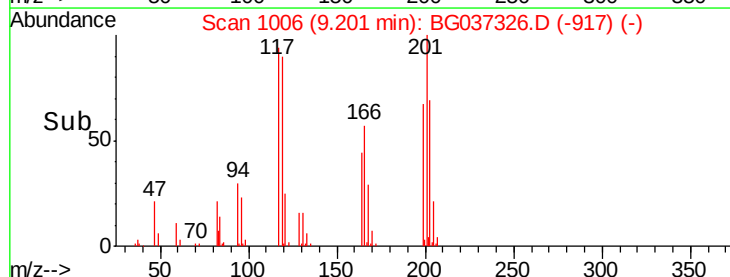
201 110.7 80.8 121.2

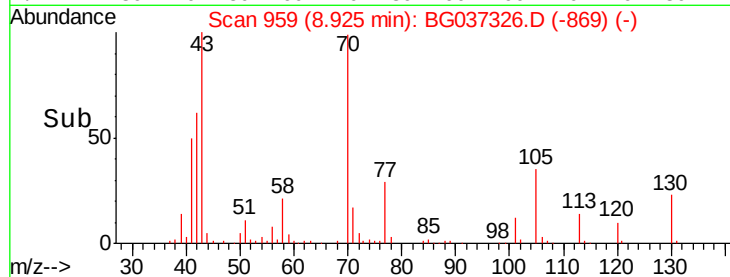
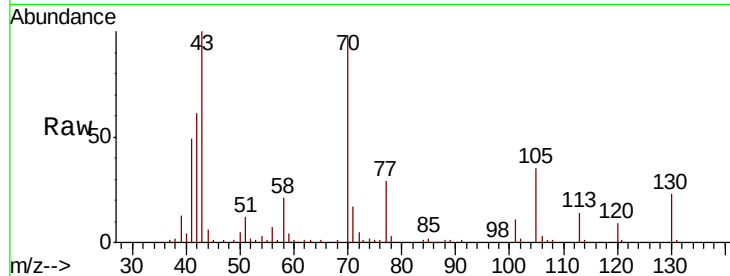
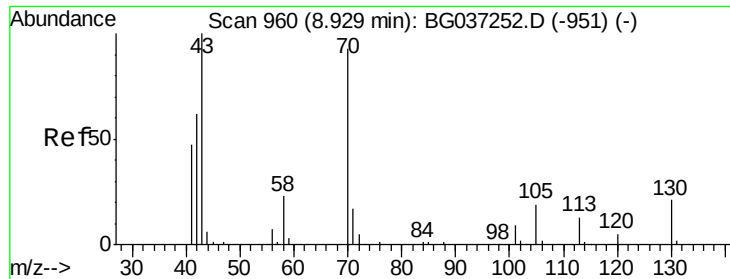


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

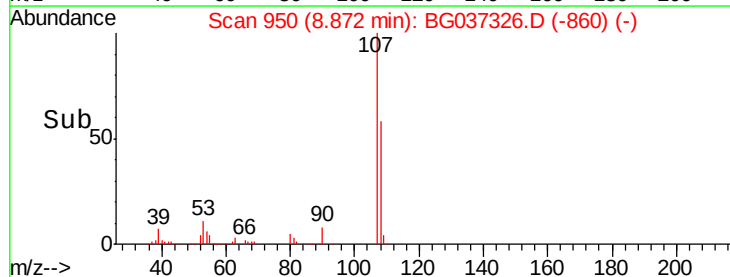
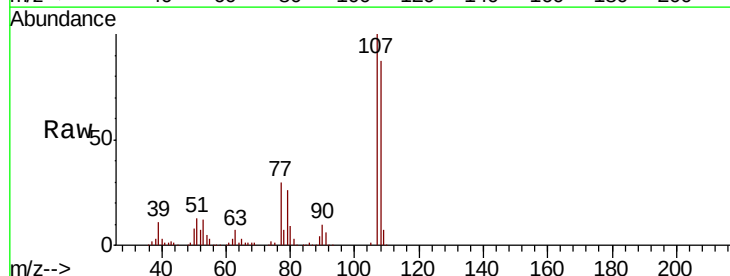
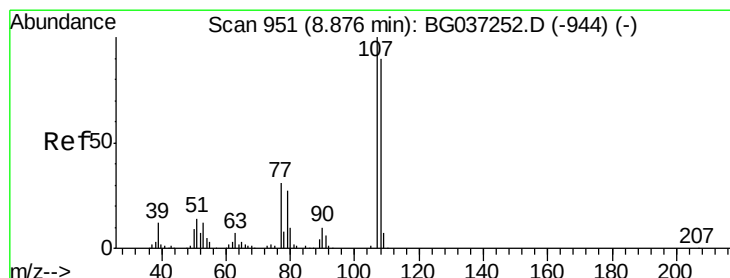
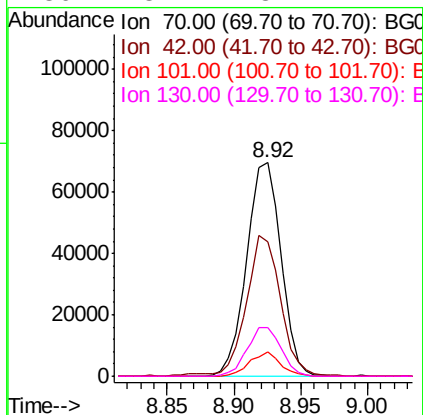




#19
n-Nitroso-di-n-propylamine
Concen: 33.486 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

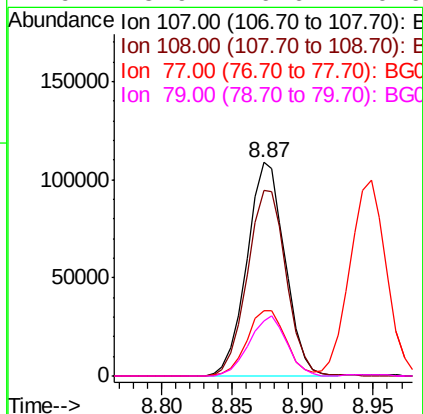
Instrument :
BNA_G
ClientSampleId :

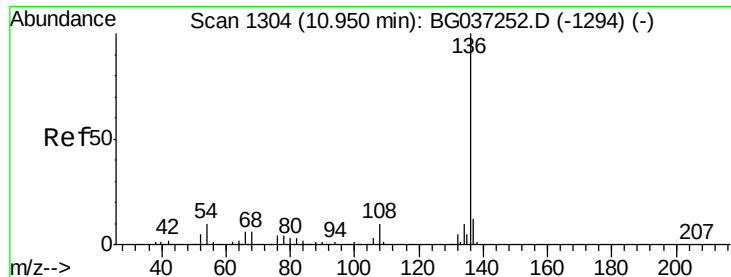
Tot Ion:	70	Resp:	123750
Ion	Ratio	Lower	Upper
70	100		
42	62.6	53.9	80.9
101	11.7	8.2	12.2
130	23.1	18.2	27.4



#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

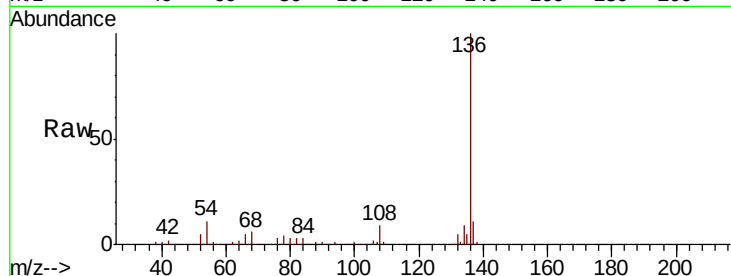




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

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



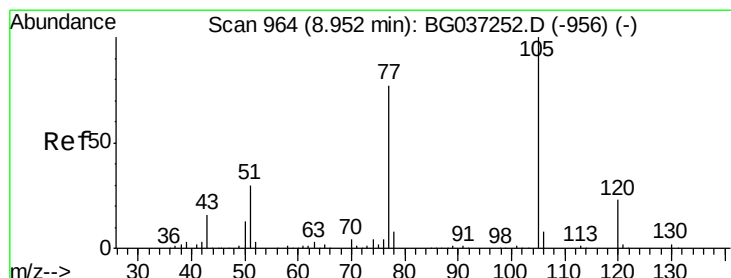
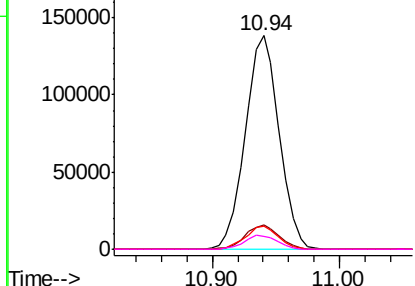
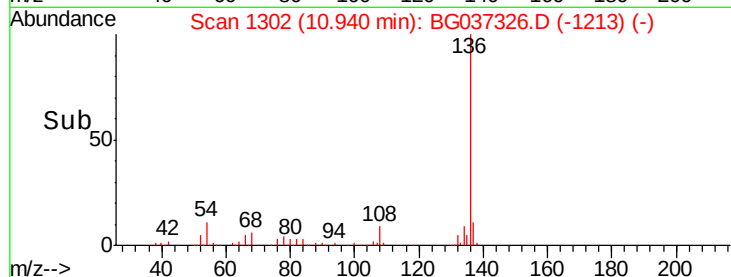
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

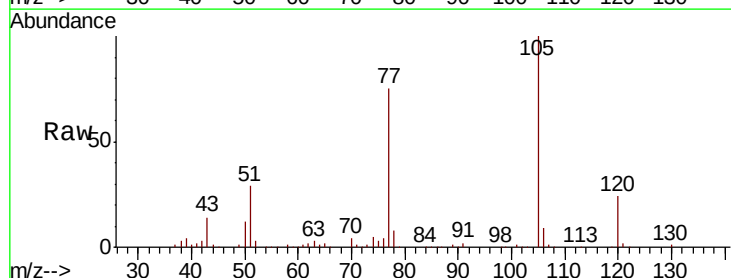
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 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



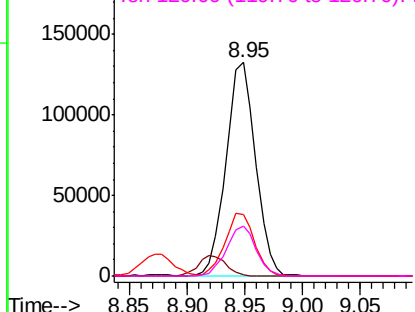
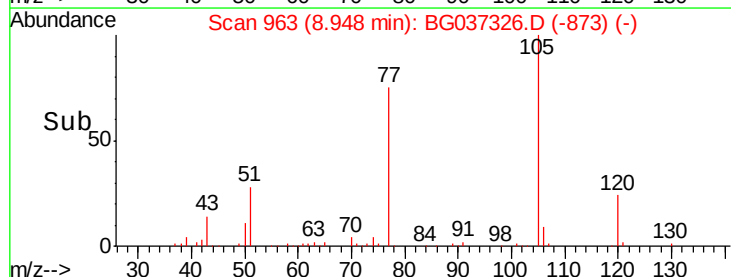
Abundance

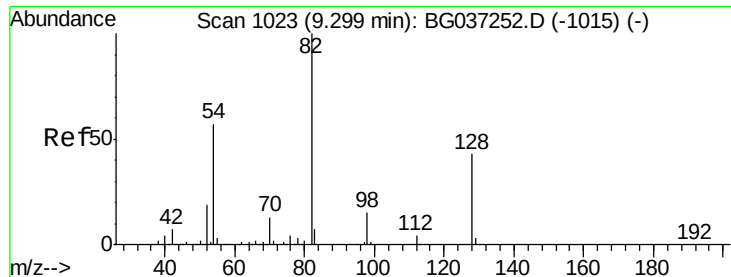
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

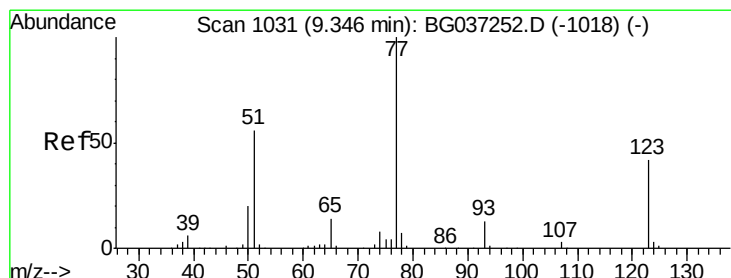
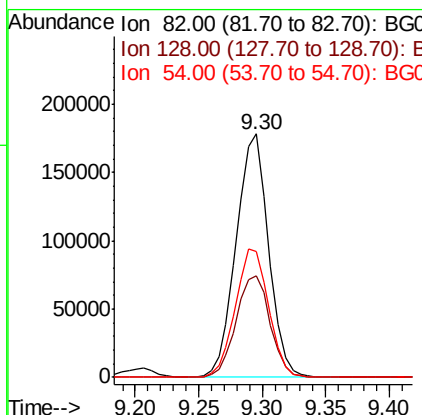
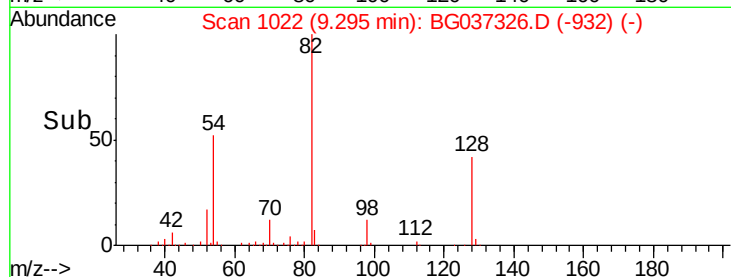
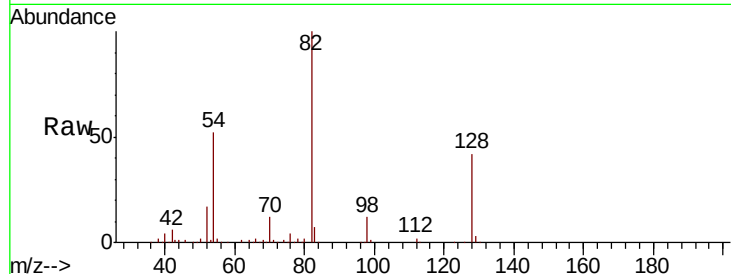




#23
 Nitrobenzene-d5
 Concen: 81.410 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

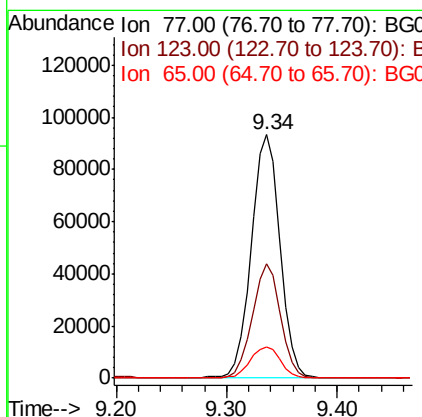
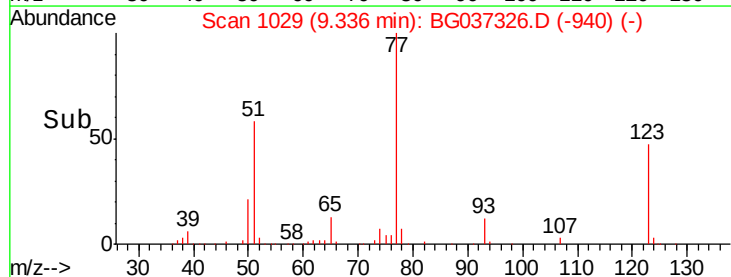
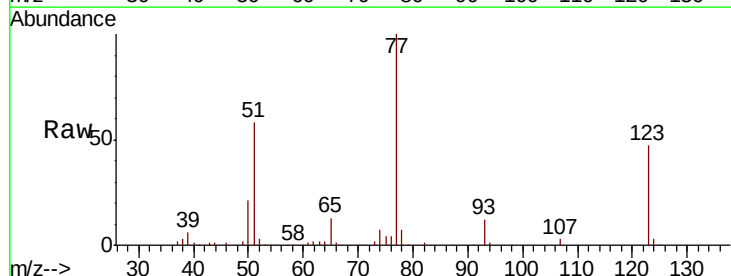
Instrument :
 BNA_G
 ClientSampled :

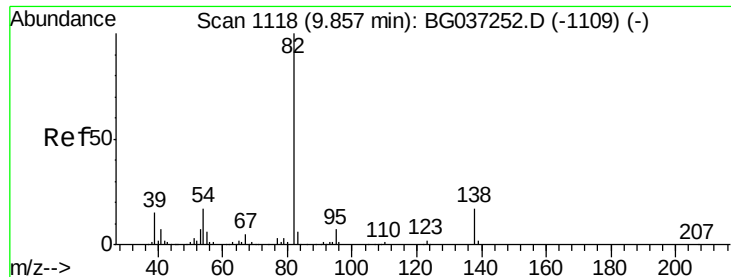
Tot Ion	82	Resp	316579
Ion Ratio	100	Lower	Upper
128	41.9	34.6	51.8
54	51.9	45.3	67.9



#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	100	Lower	Upper
123	47.2	33.6	50.4
65	12.7	11.3	16.9





#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 :

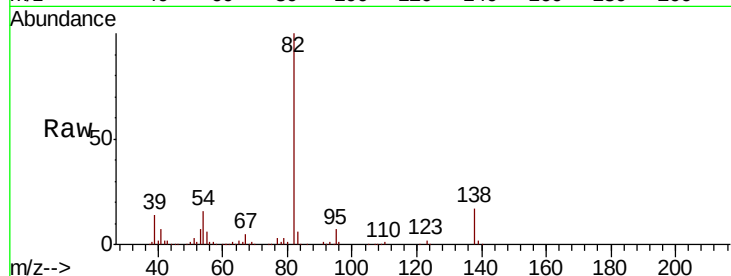
Tot Ion: 82 Resp: 365681

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

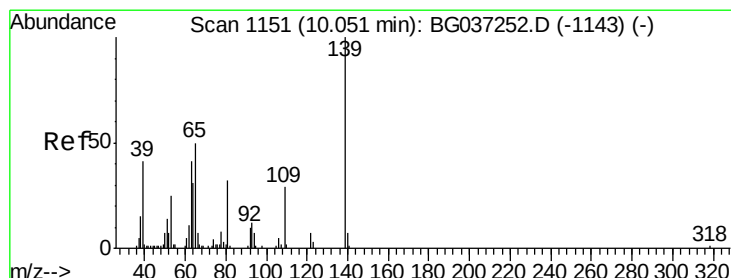
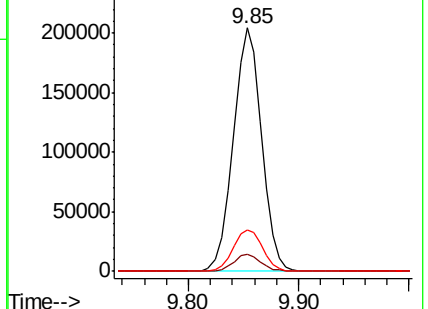
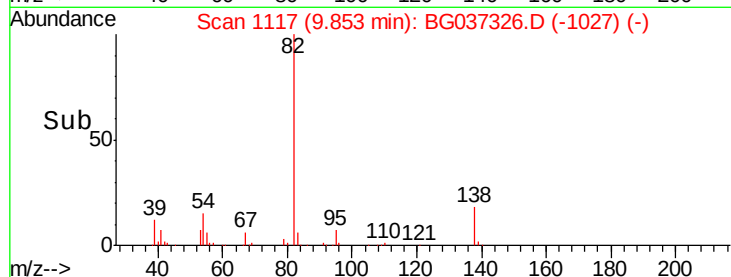
138 17.1 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BG037326.D (-1109) (-)

Ion 95.00 (94.70 to 95.70): BG037326.D (-1109) (-)

Ion 138.00 (137.70 to 138.70): BG037326.D (-1109) (-)



#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

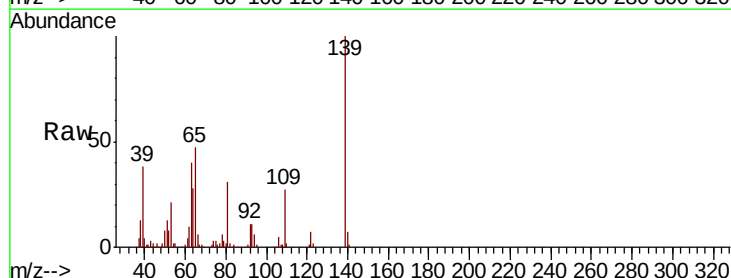
Tgt Ion: 139 Resp: 71095

Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

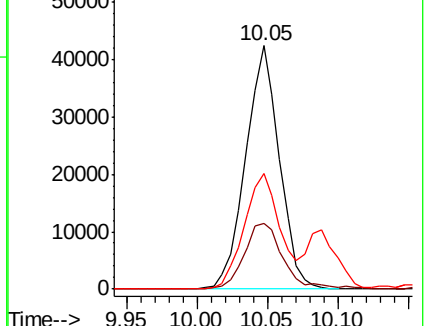
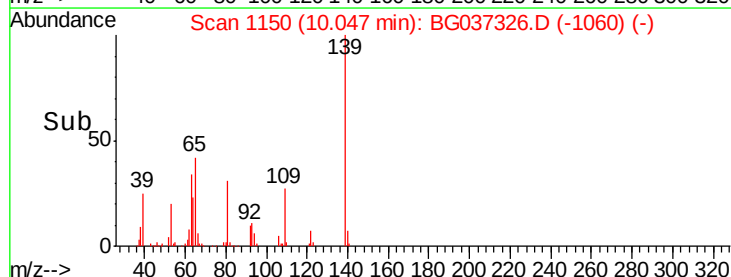
65 47.3 39.8 59.8

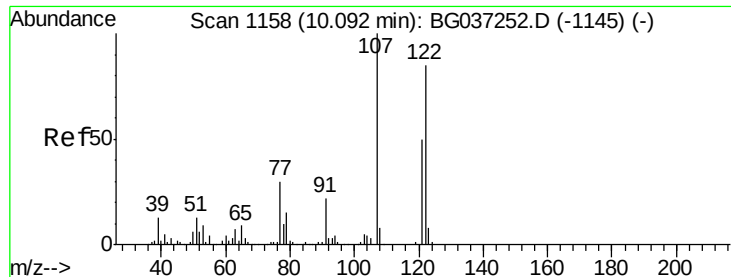


Abundance Ion 139.00 (138.70 to 139.70): BG037326.D (-1143) (-)

Ion 109.00 (108.70 to 109.70): BG037326.D (-1143) (-)

Ion 65.00 (64.70 to 65.70): BG037326.D (-1143) (-)

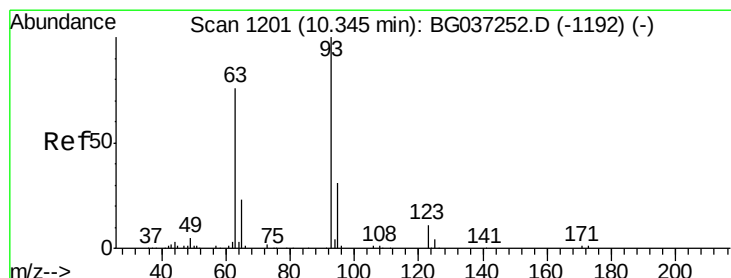
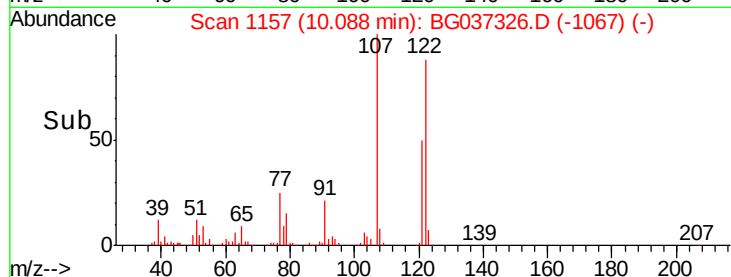
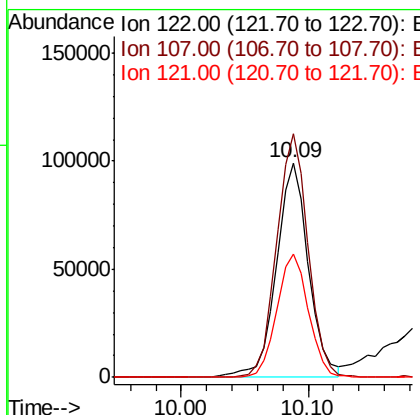
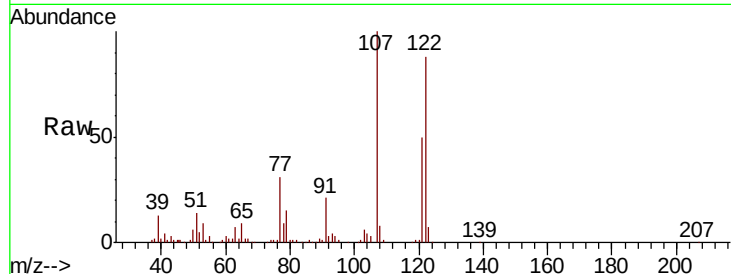




#27
 2,4-Dimethylphenol
 Concen: 46.891 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

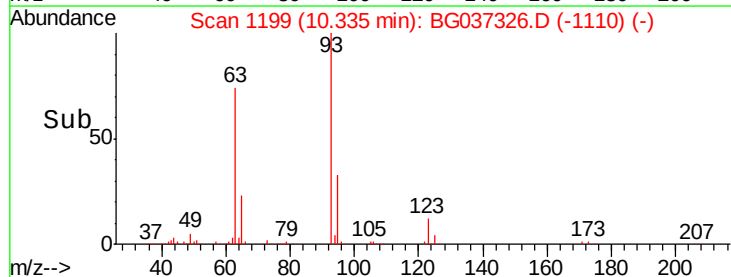
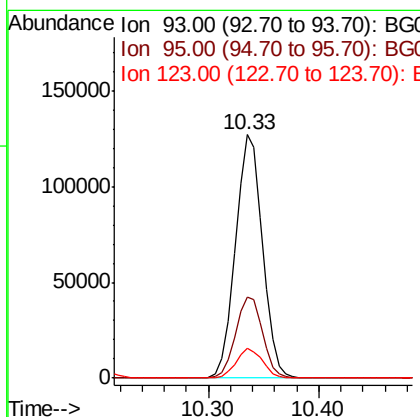
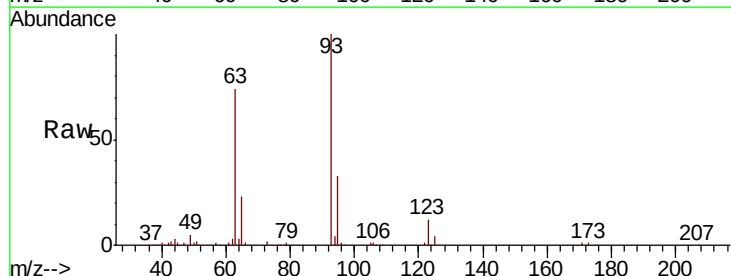
Instrument :
 BNA_G
 ClientSampled :

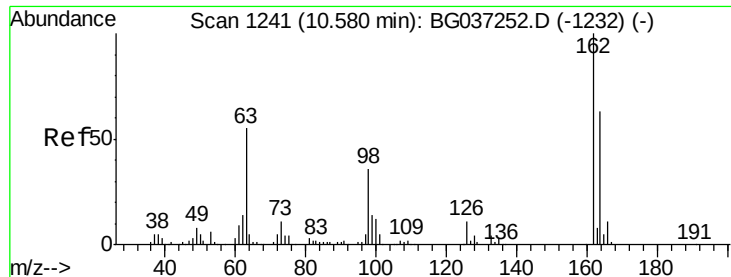
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	94.2	141.2
121	57.3	47.3	70.9



#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	Ratio	Lower	Upper
93	100		
95	33.2	24.6	37.0
123	12.4	9.1	13.7

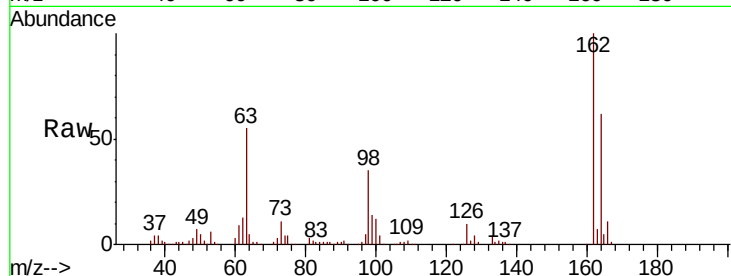




#29
 2,4-Dichlorophenol
 Concen: 45.728 ng
 RT: 10.58 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.2	83.2
98	35.5	16.0	56.0

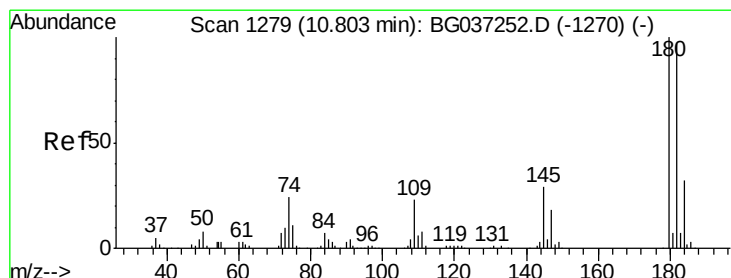
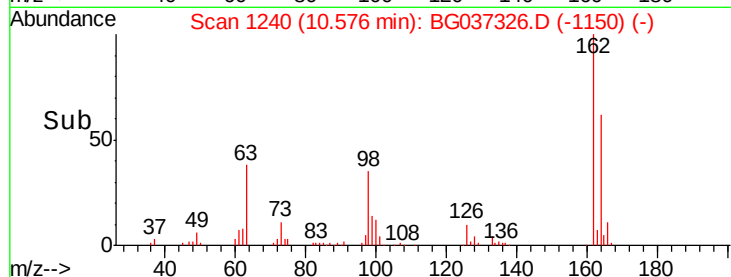
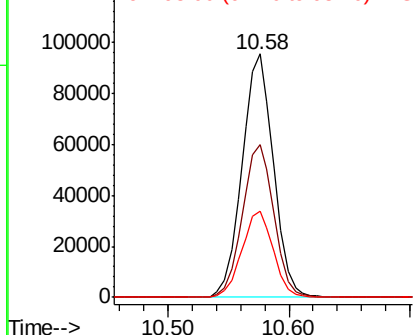


Abundance

Ion 162.00 (161.70 to 162.70): E

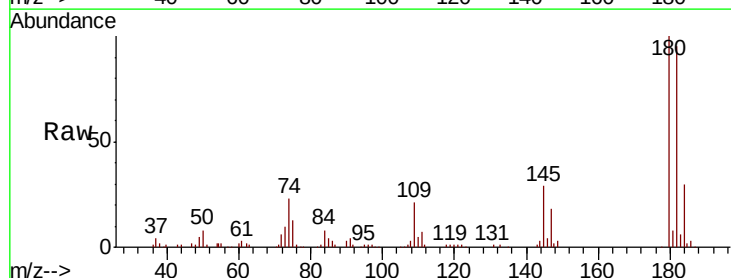
Ion 164.00 (163.70 to 164.70): E

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	Ratio	Lower	Upper
180	100		
182	95.4	77.7	116.5
145	29.1	23.3	34.9

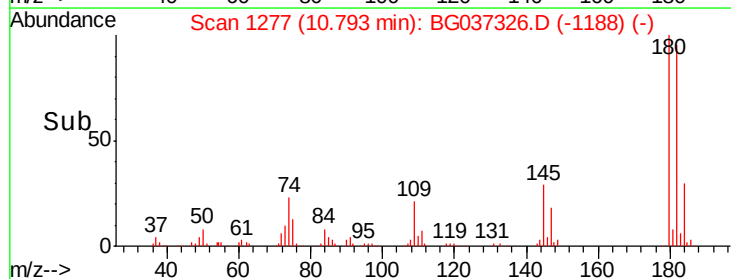
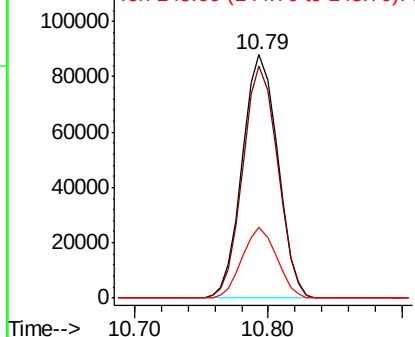


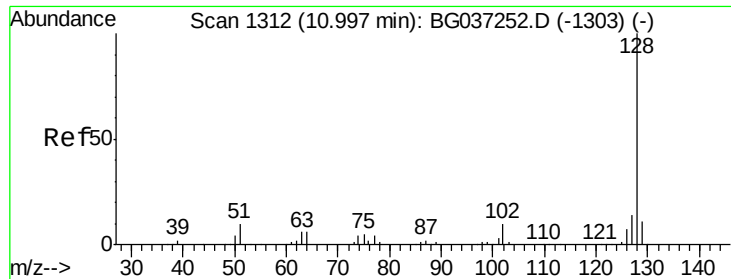
Abundance

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 :

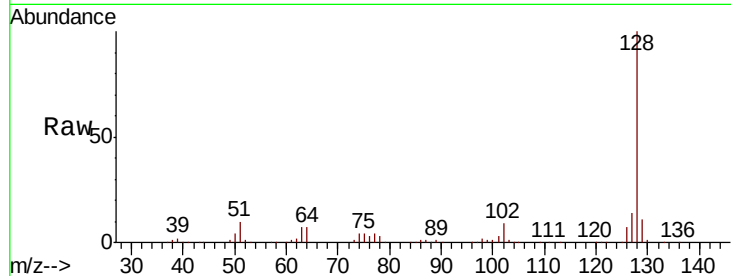
Tot Ion:128 Resp: 486185

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

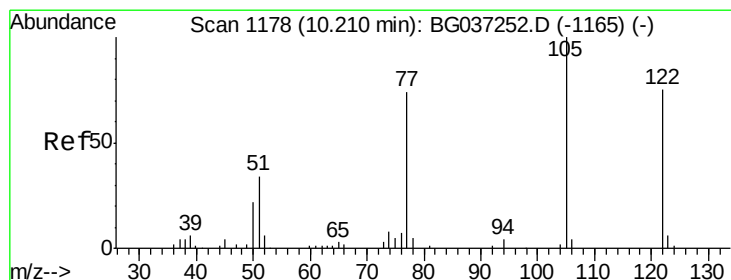
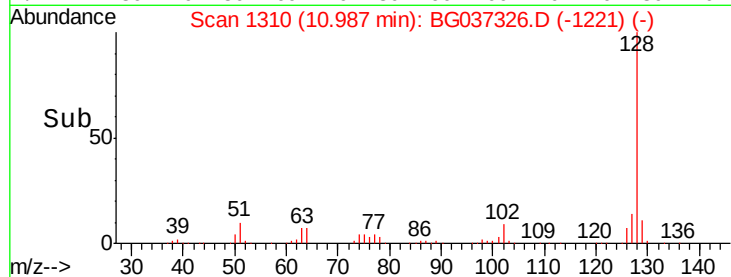
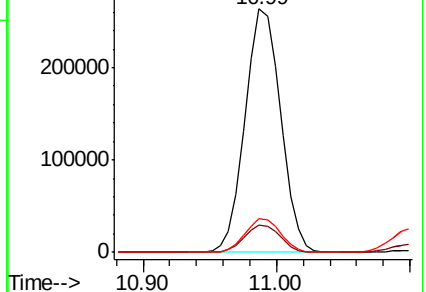
127 13.7 11.1 16.7



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

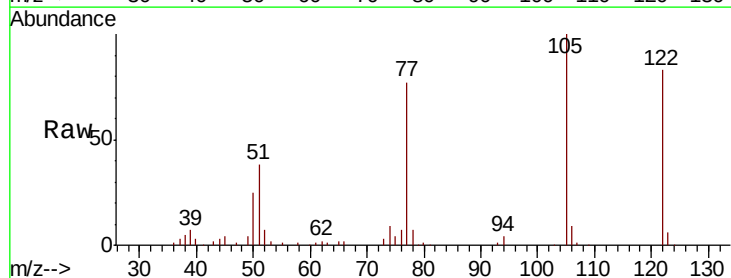
Tgt Ion:122 Resp: 101364

Ion Ratio Lower Upper

122 100

105 120.7 106.7 146.7

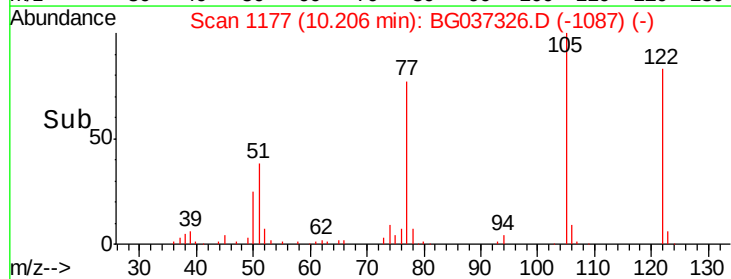
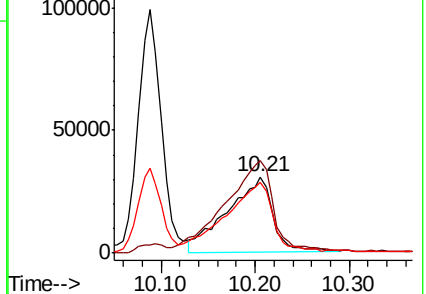
77 93.1 72.2 112.2

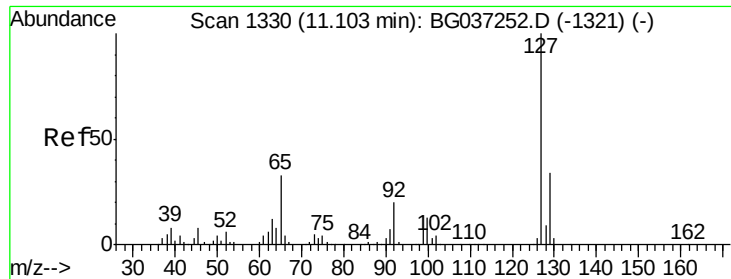


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

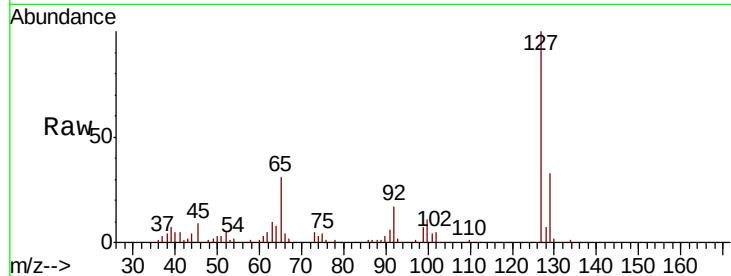




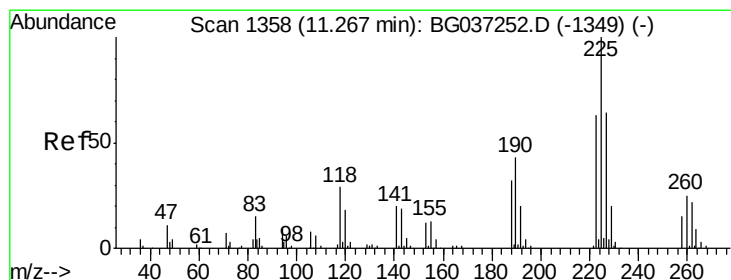
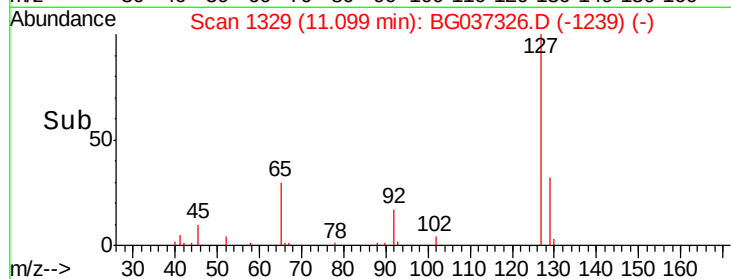
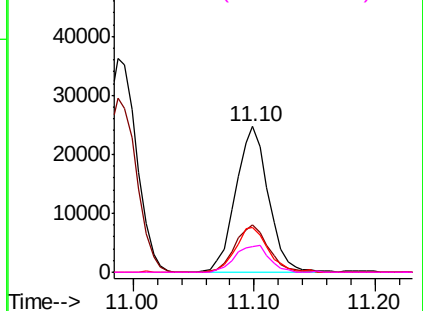
#33
4-Chloroaniline
Concen: 8.002 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

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

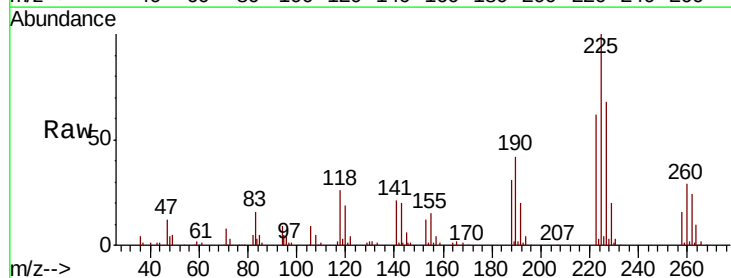


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

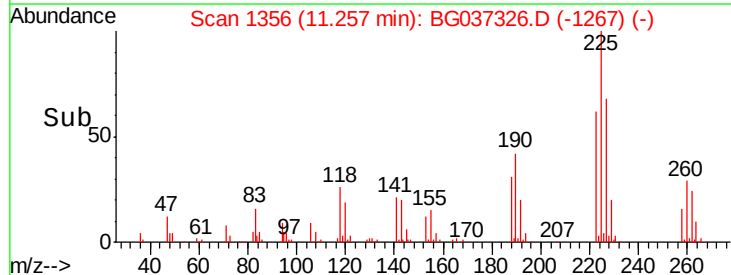
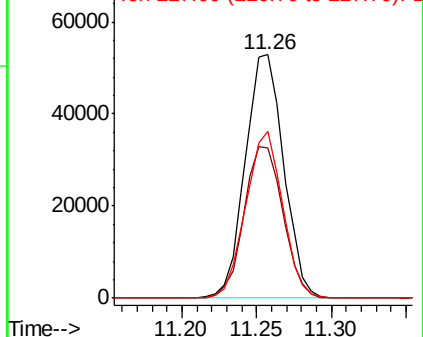


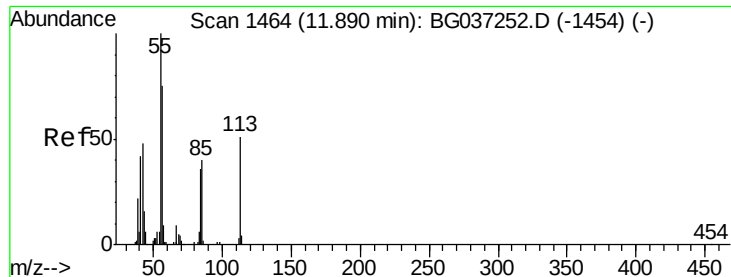
#34
Hexachlorobutadiene
Concen: 33.046 ng
RT: 11.26 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

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

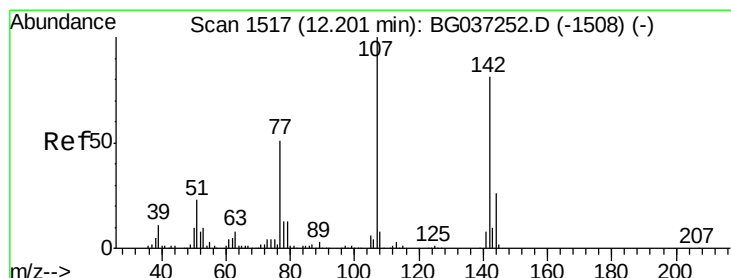
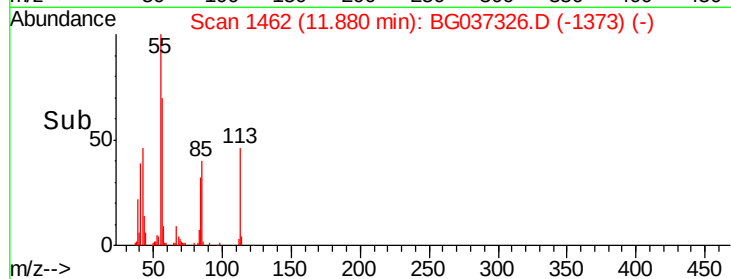
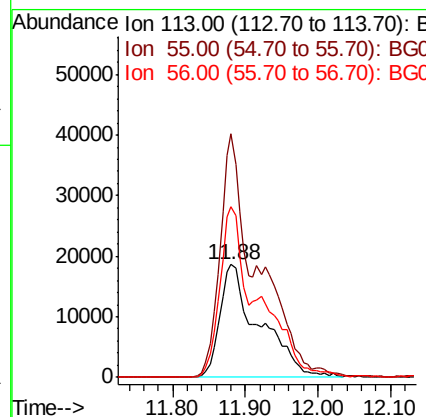
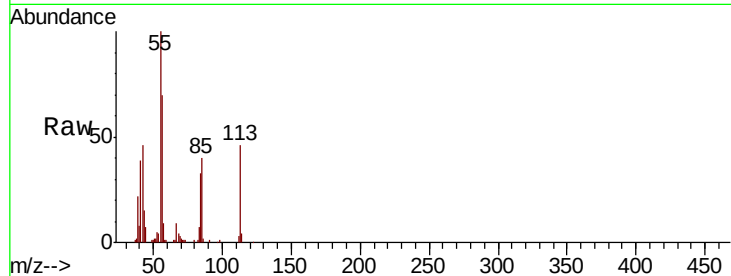




#35
 Caprolactam
 Concen: 45.774 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

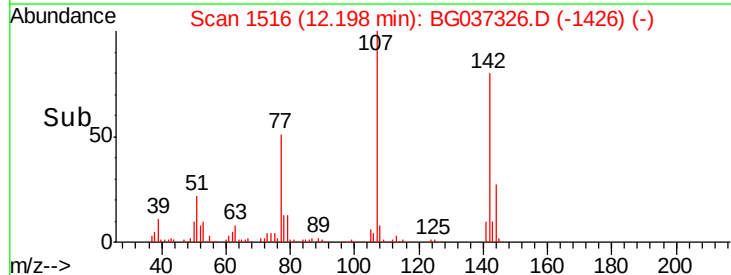
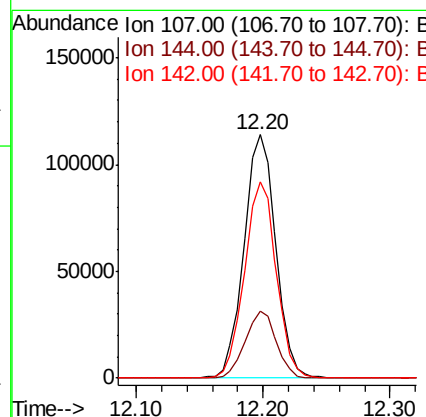
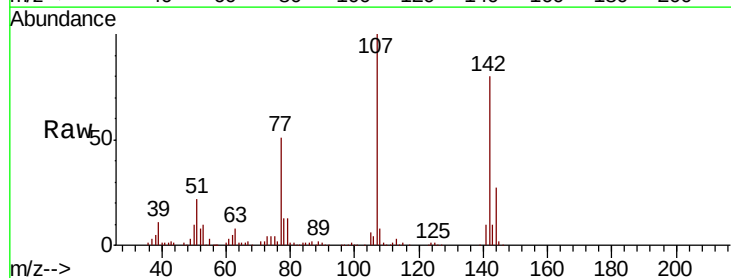
Instrument :
 BNA_G
 ClientSampleId :

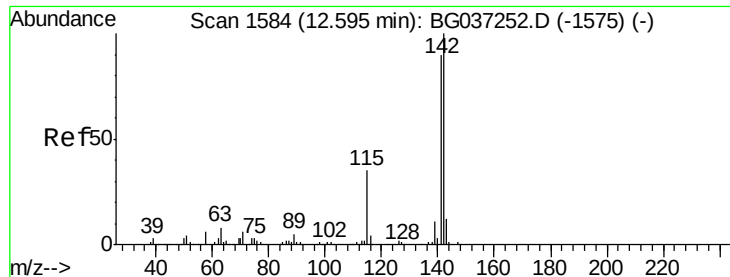
Tot Ion:113 Resp: 70287
 Ion Ratio Lower Upper
 113 100
 55 215.5 176.6 216.6
 56 150.9 128.3 168.3



#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

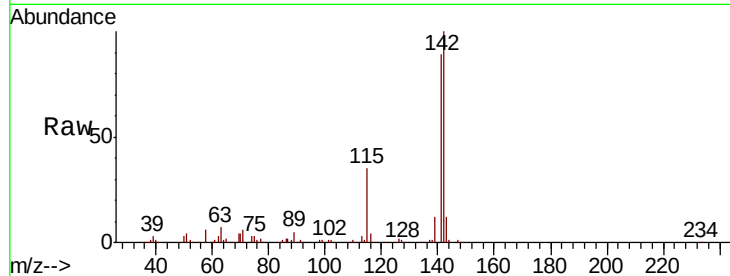




#37
2-Methylnaphthalene
Concen: 41.836 ng
RT: 12.59 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampled :

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

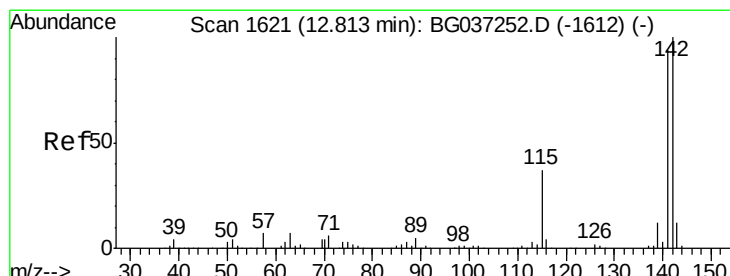
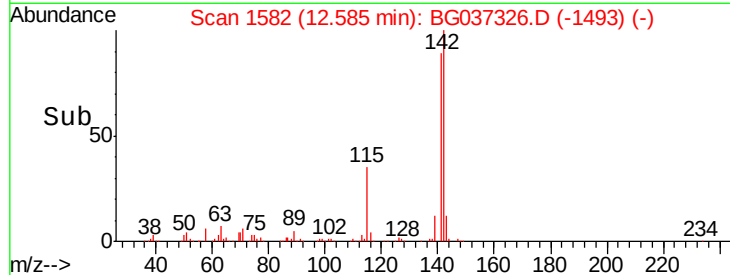
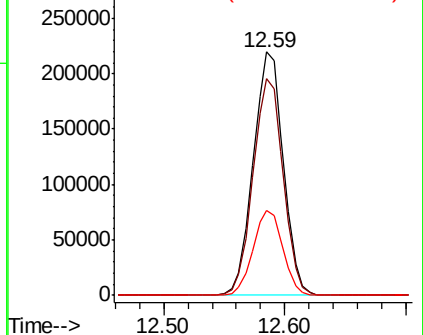


Abundance

Ion 142.00 (141.70 to 142.70): E

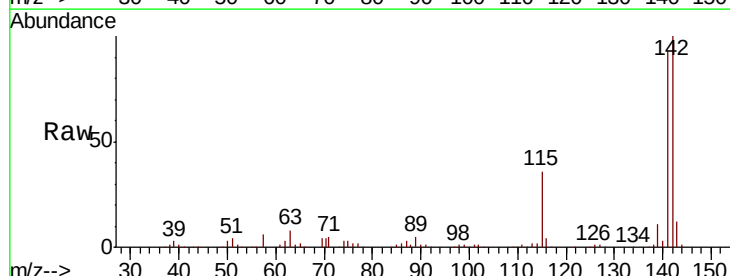
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 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

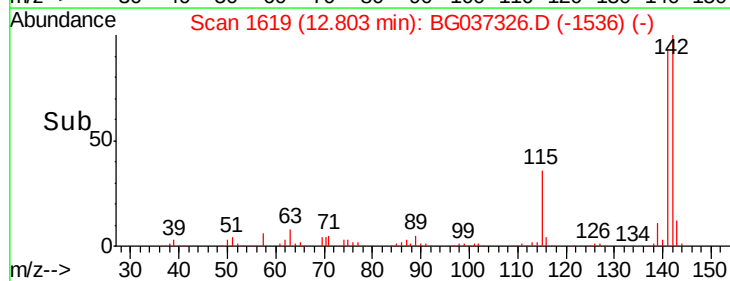
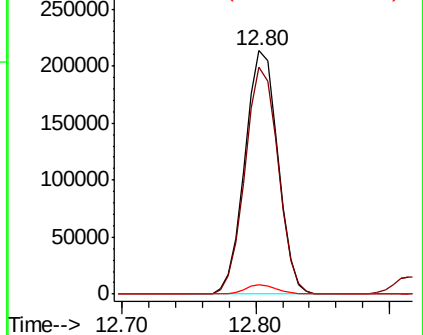


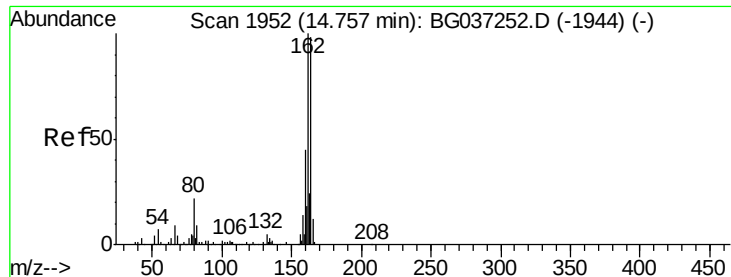
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037326.D

Acq: 13 Oct 2018 14:35

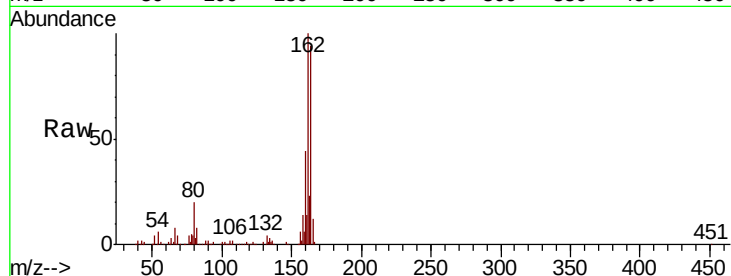
Instrument :

BNA_G

ClientSampled :

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

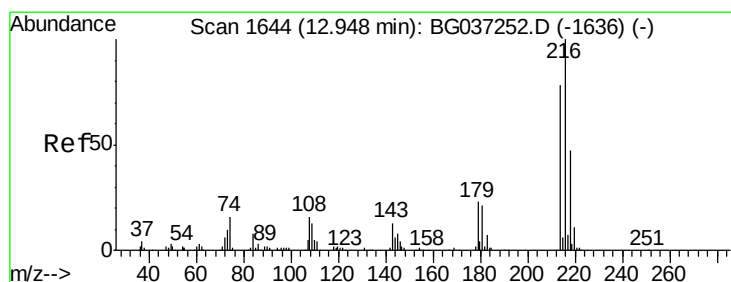
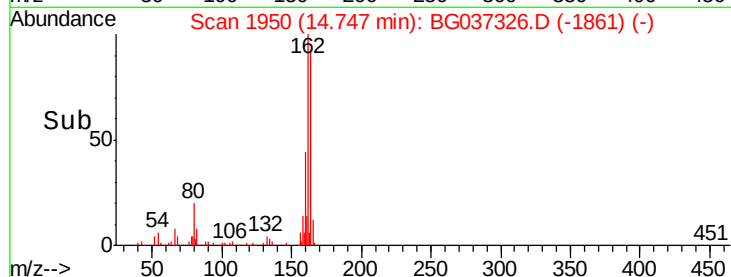
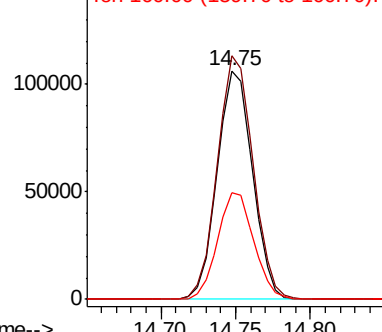


Abundance

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

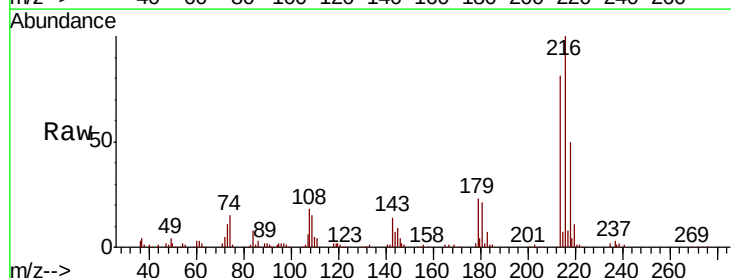
Delta R.T. -0.00 min

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



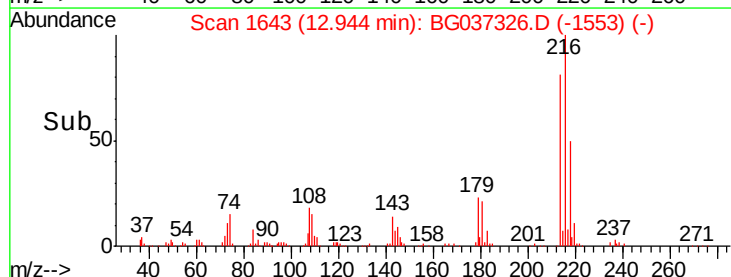
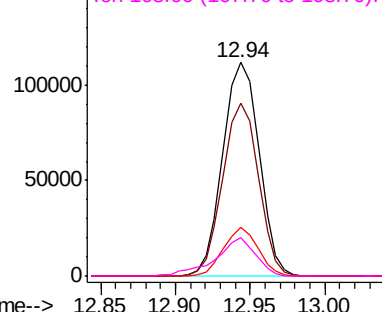
Abundance

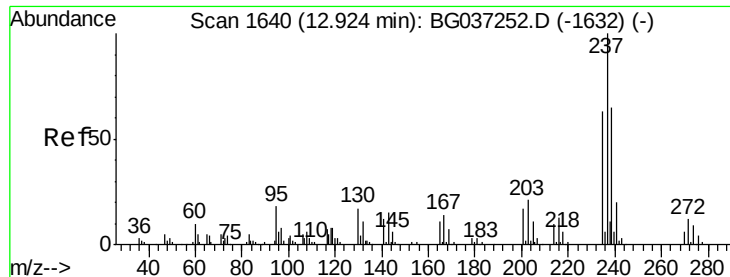
Ion 216.00 (215.70 to 216.70): E

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

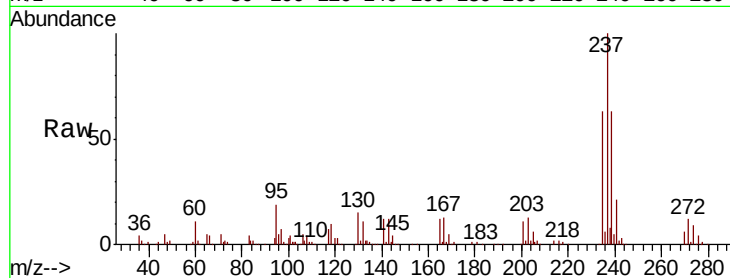




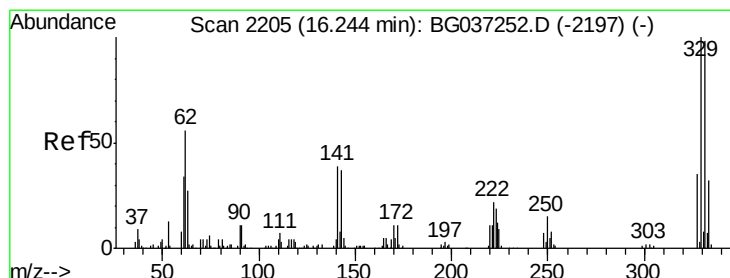
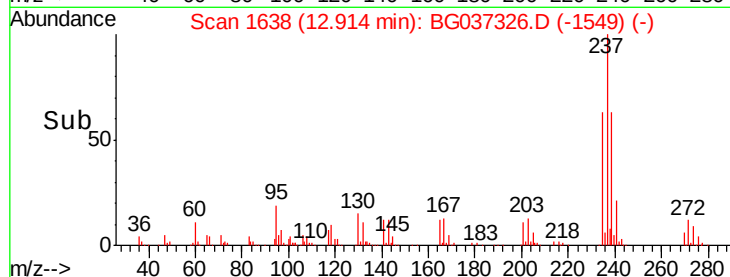
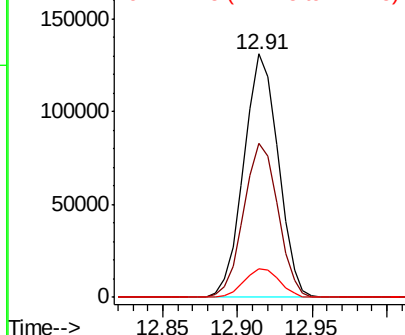
#41
Hexachlorocyclopentadiene
Concen: 90.665 ng
RT: 12.91 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

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

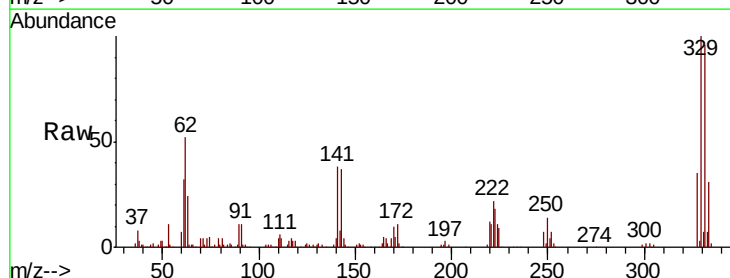


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

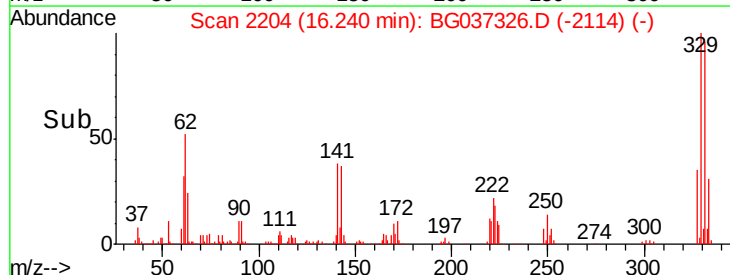
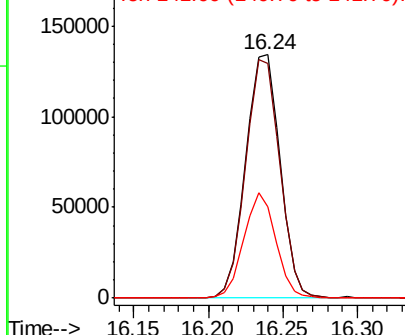


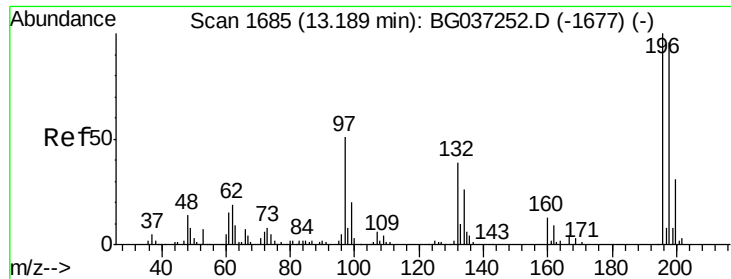
#42
2,4,6-Tribromophenol
Concen: 126.033 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

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

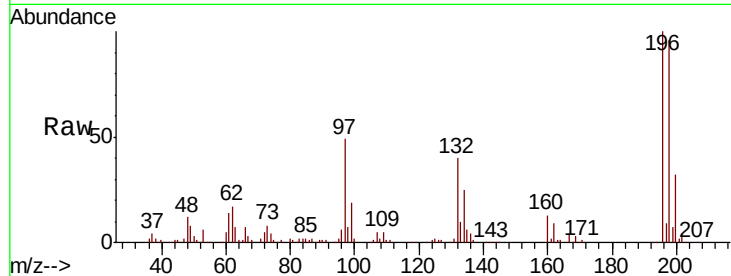




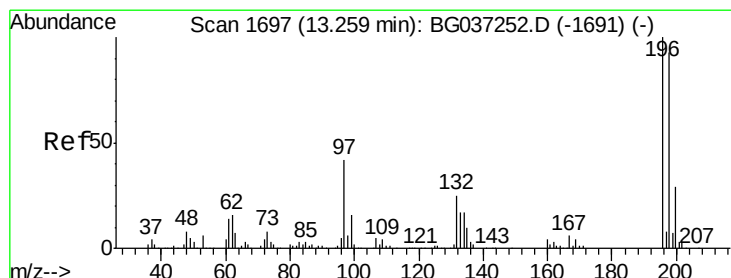
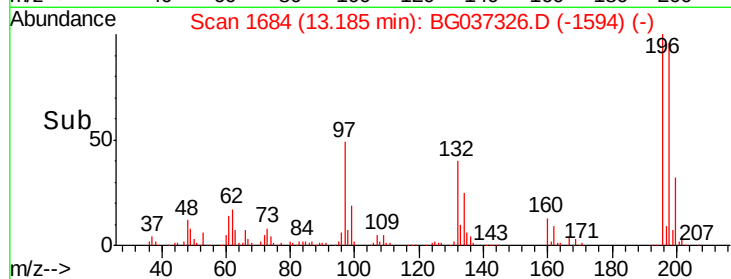
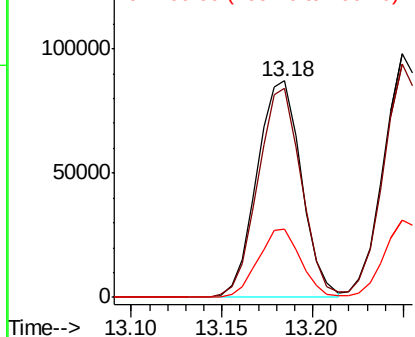
#43
 2,4,6-Trichlorophenol
 Concen: 45.672 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 148682
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.4 114.6
 200 31.6 24.9 37.3

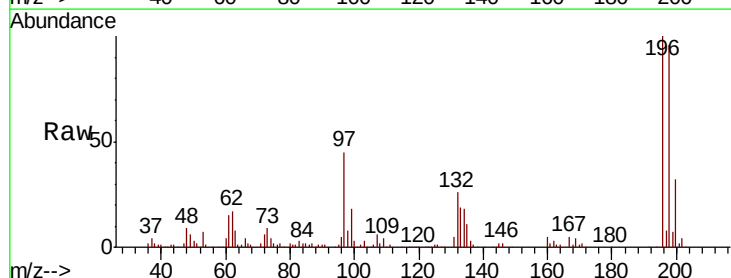


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

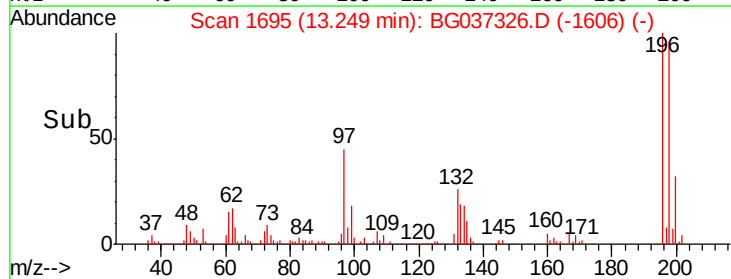
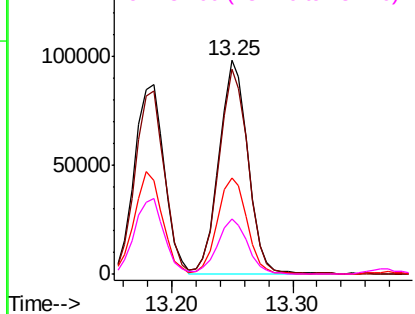


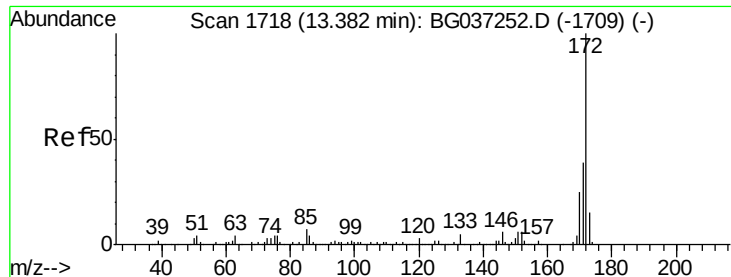
#44
 2,4,5-Trichlorophenol
 Concen: 46.168 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Tgt Ion:196 Resp: 161711
 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



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

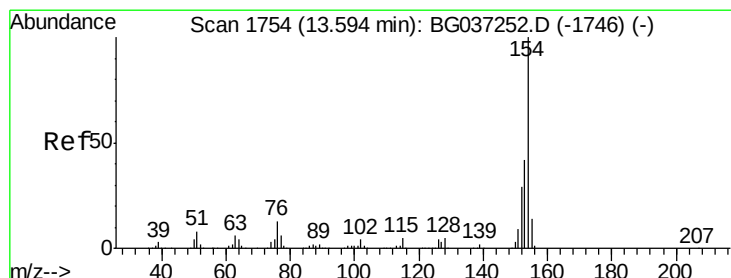
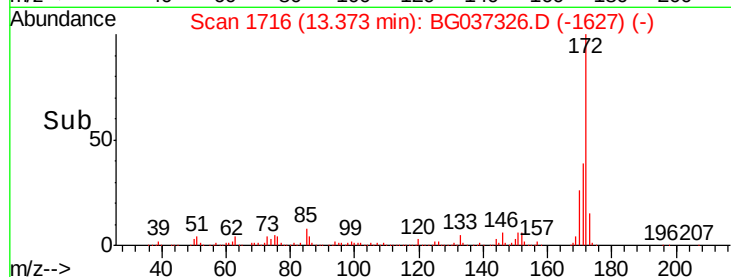
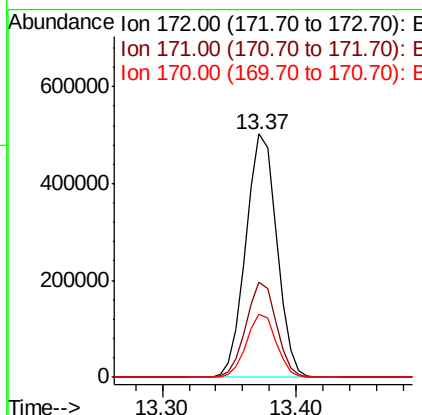
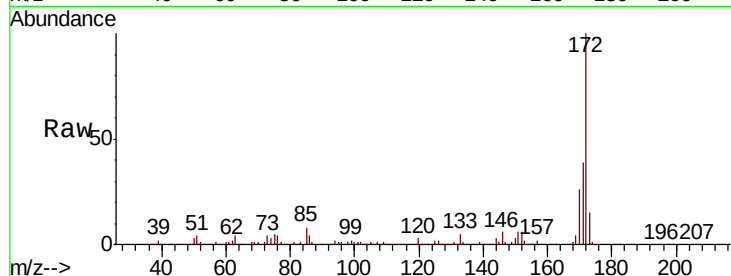




#45
2-Fluorobiphenyl
Concen: 69.515 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

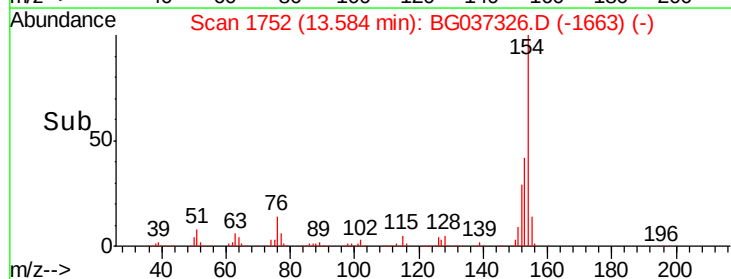
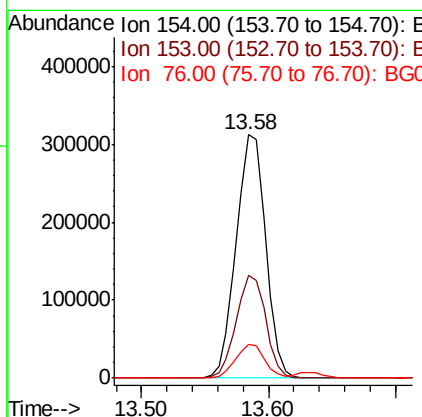
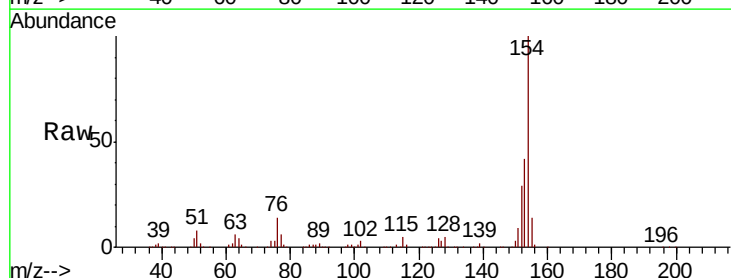
Instrument :
BNA_G
ClientSampleId :

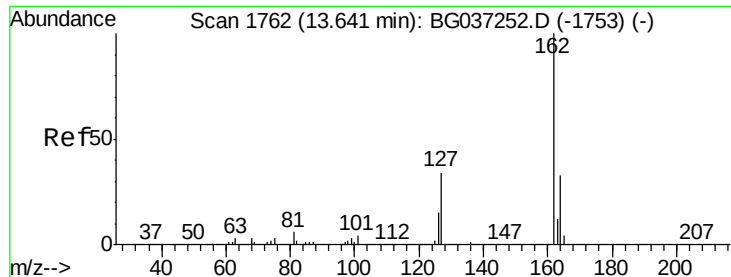
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	25.8	20.2	30.2



#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

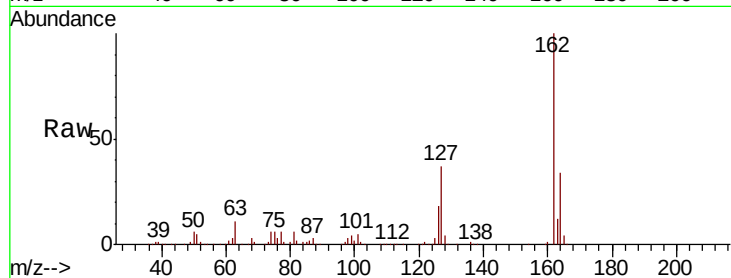




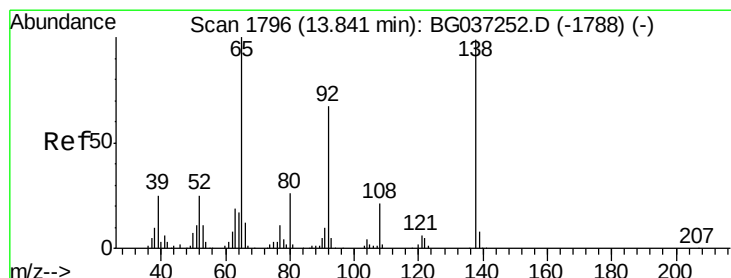
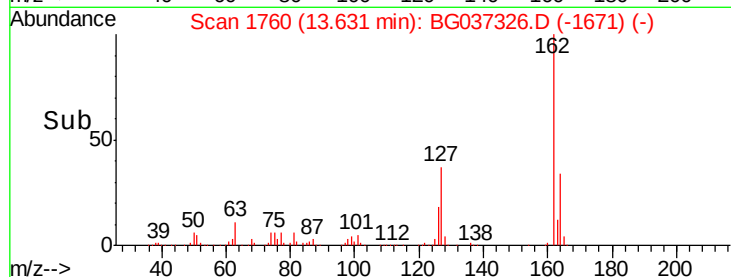
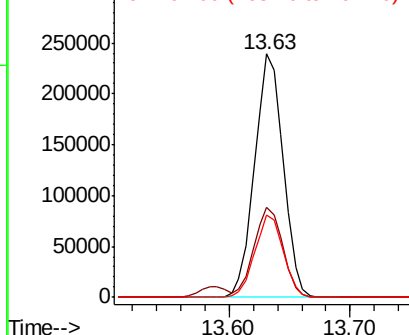
#47
2-Chloronaphthalene
Concen: 36.573 ng
RT: 13.63 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

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

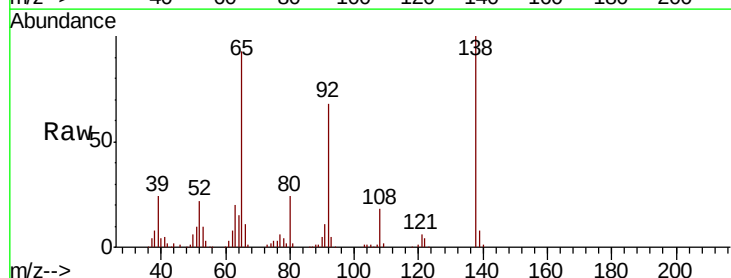


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

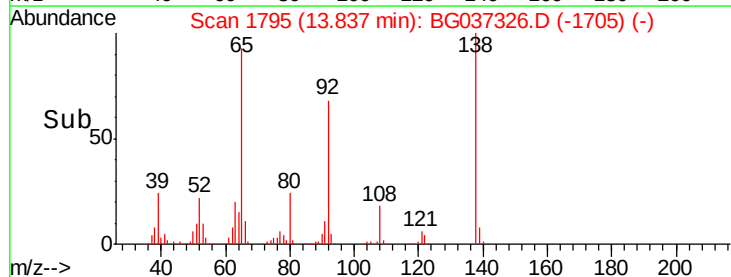
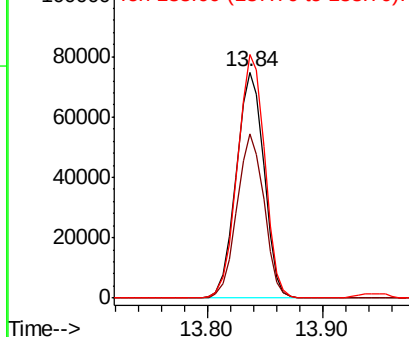


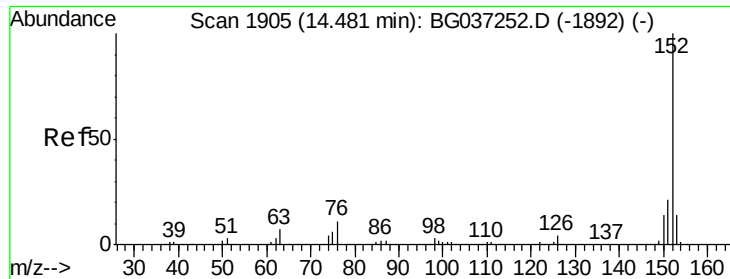
#48
2-Nitroaniline
Concen: 43.300 ng
RT: 13.84 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

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



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





#49

Acenaphthylene

Concen: 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

ClientSampled :

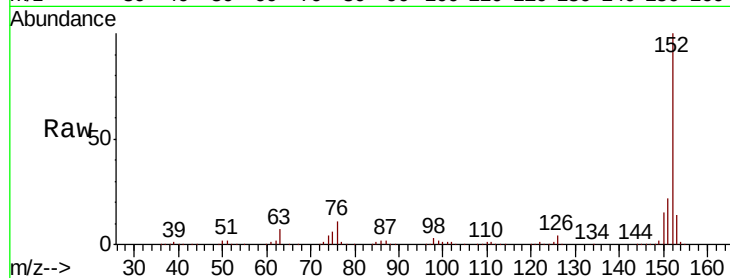
Tot Ion:152 Resp: 664425

Ion Ratio Lower Upper

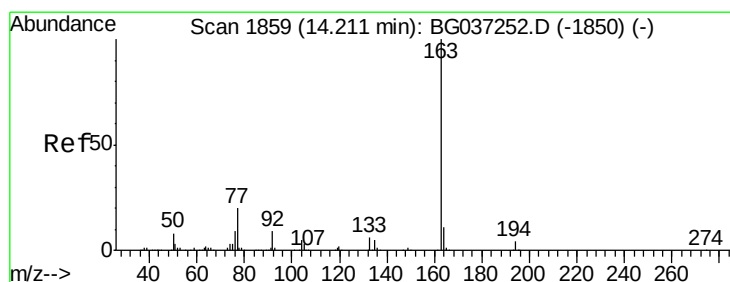
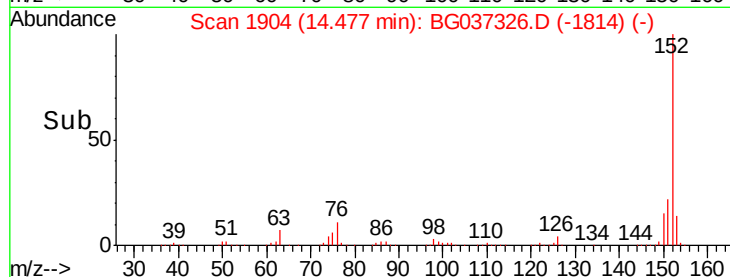
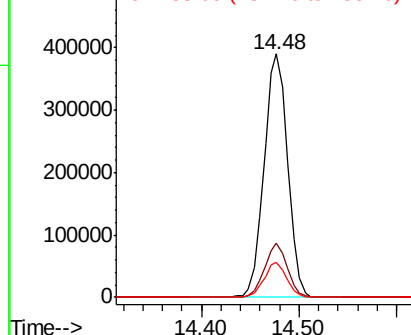
152 100

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

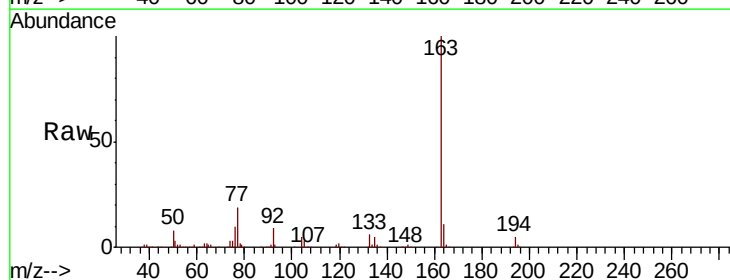
Tgt Ion:163 Resp: 546782

Ion Ratio Lower Upper

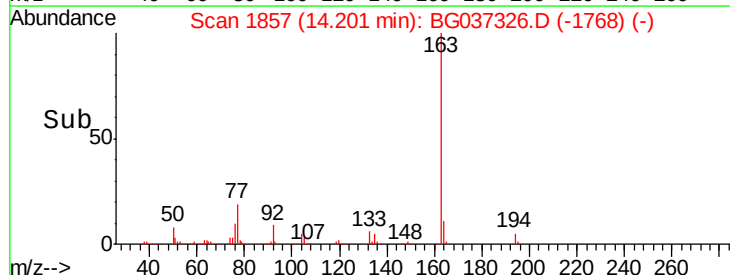
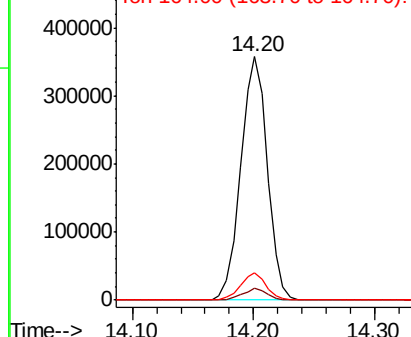
163 100

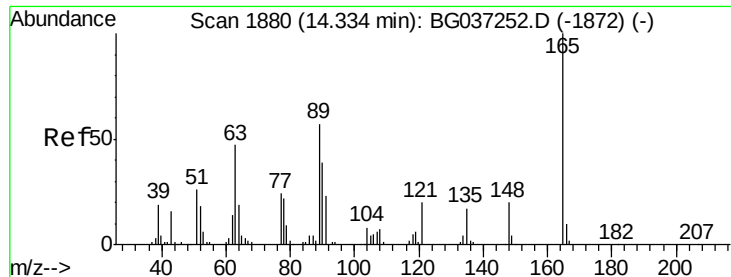
194 4.7 3.5 5.3

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

ClientSampled :

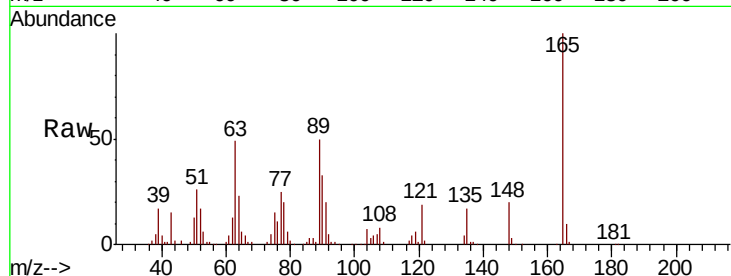
Tot Ion:165 Resp: 114863

Ion Ratio Lower Upper

165 100

63 49.1 43.4 65.2

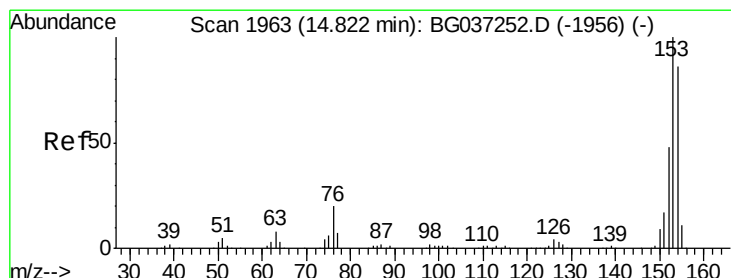
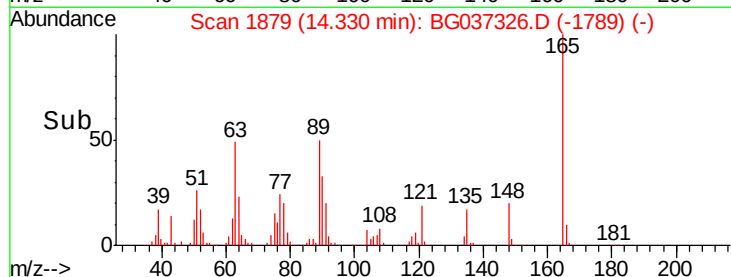
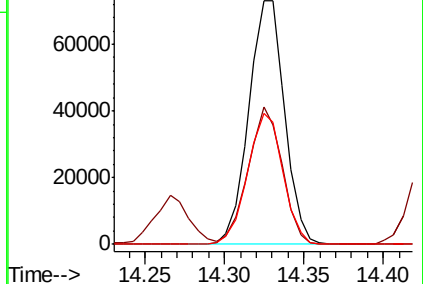
89 50.3 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 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

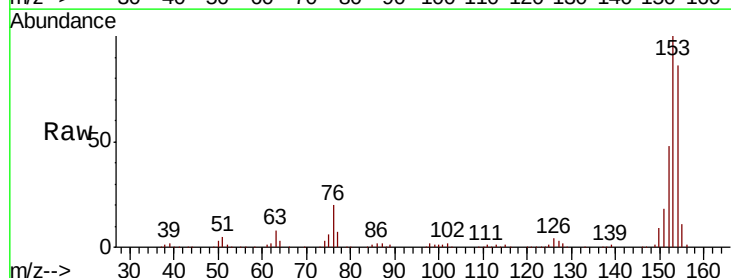
Tgt Ion:154 Resp: 387976

Ion Ratio Lower Upper

154 100

153 116.0 93.4 140.0

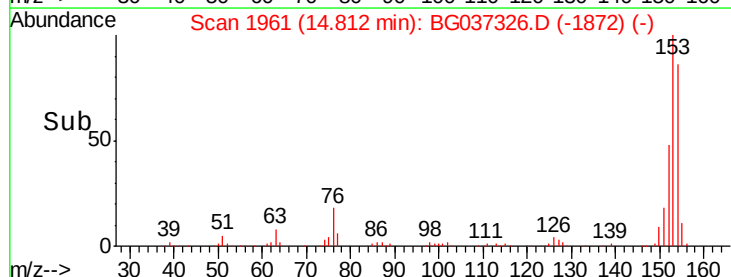
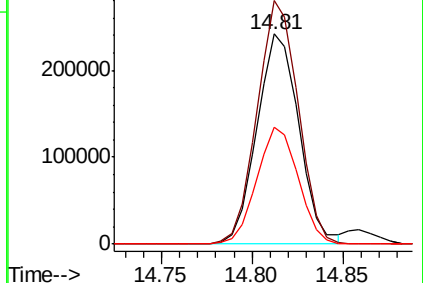
152 55.8 44.7 67.1

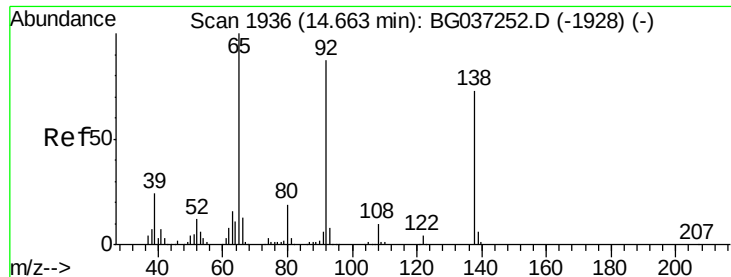


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 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 :

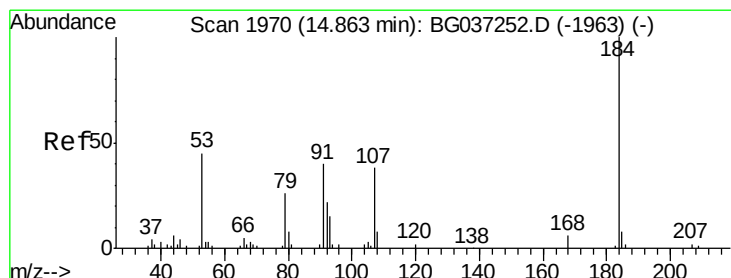
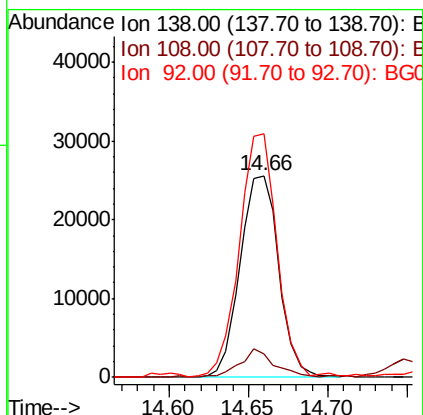
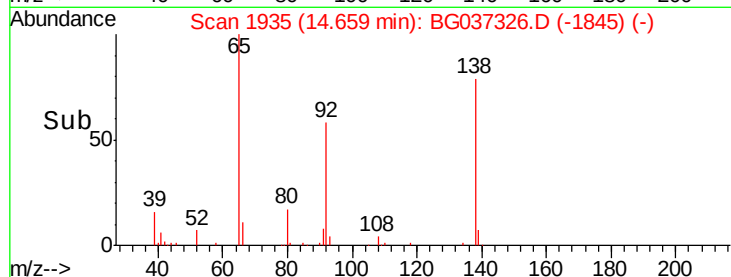
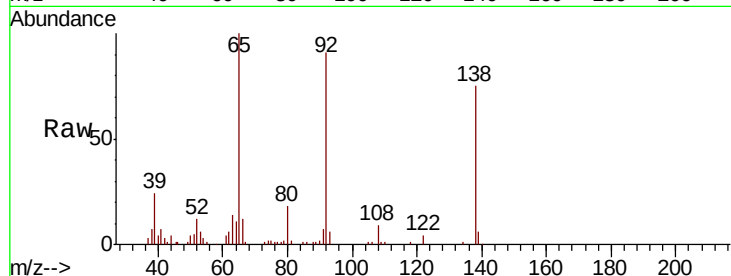
Tot Ion:138 Resp: 43275

Ion Ratio Lower Upper

138 100

108 11.6 11.0 16.6

92 120.8 95.2 142.8



#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

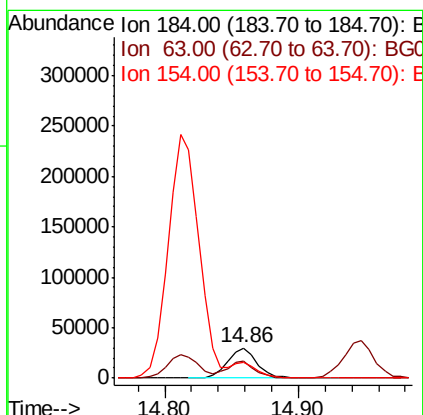
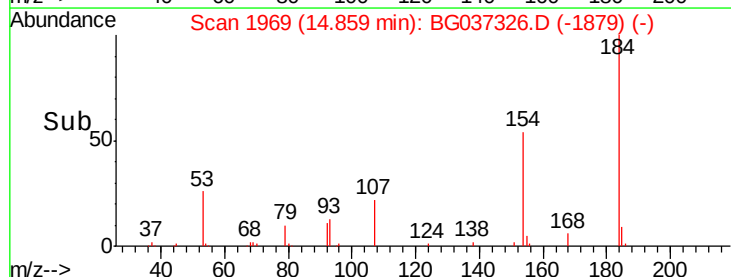
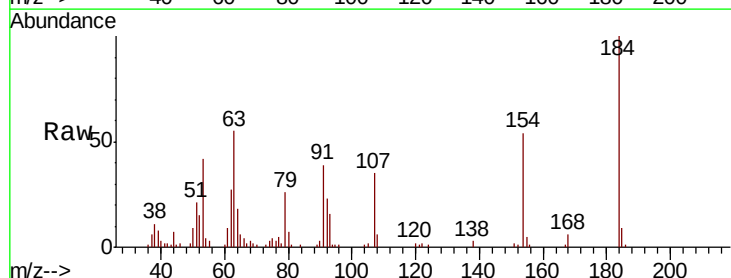
Tgt Ion:184 Resp: 46549

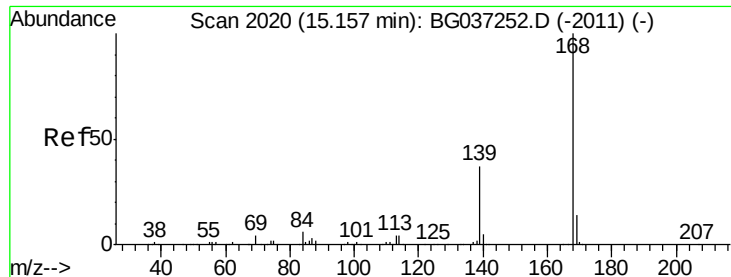
Ion Ratio Lower Upper

184 100

63 55.2 42.6 63.8

154 54.4 41.8 62.6

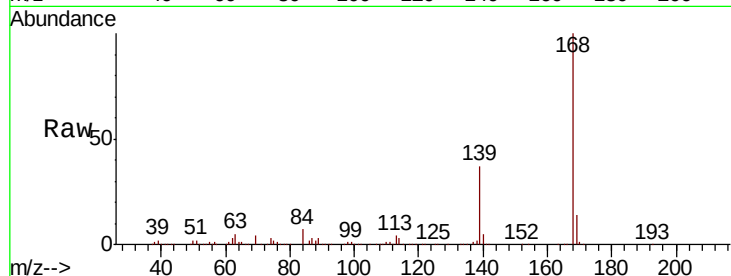




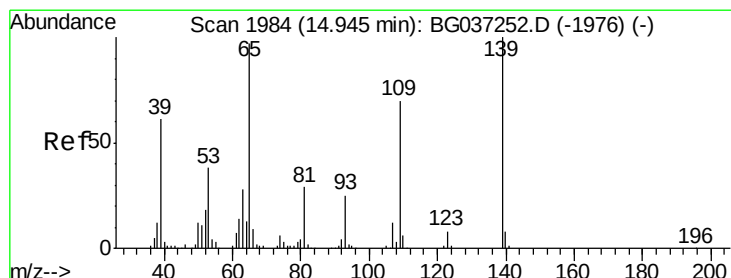
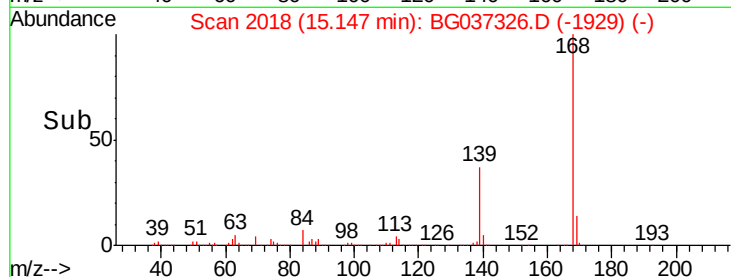
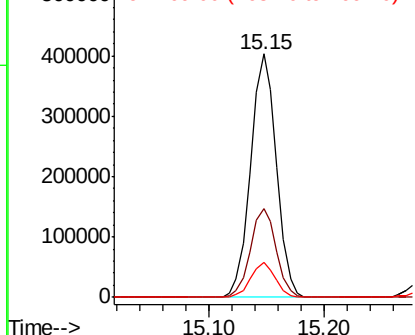
#55
Dibenzofuran
Concen: 37.764 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

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

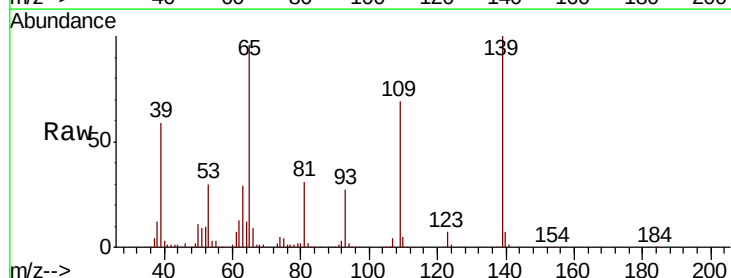


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

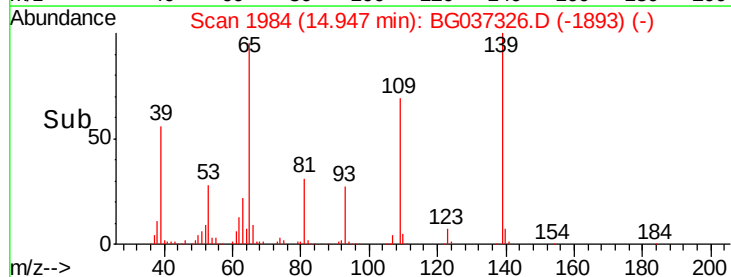
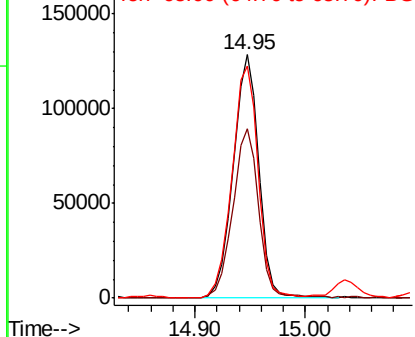


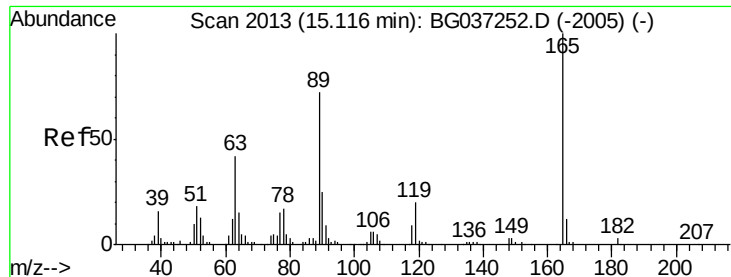
#56
4-Nitrophenol
Concen: 94.179 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

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): BGC

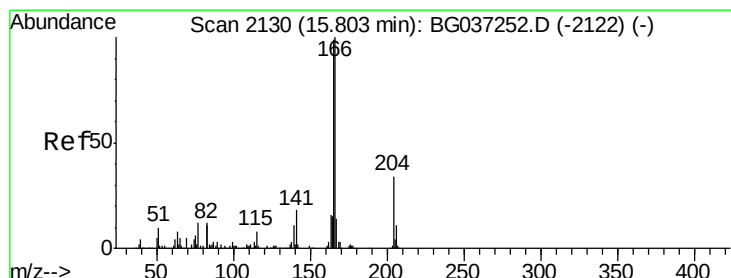
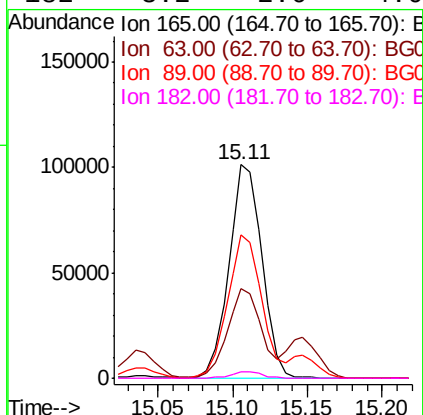
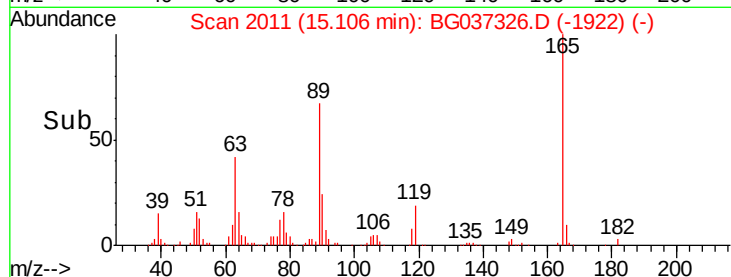
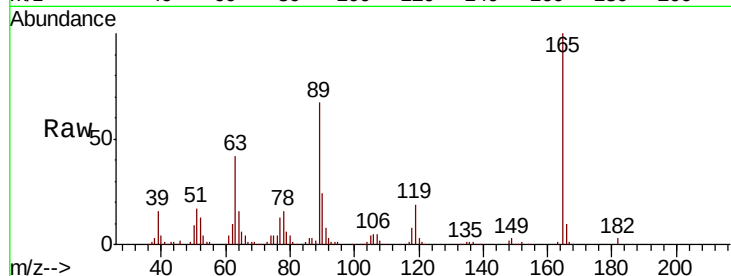




#57
2,4-Dinitrotoluene
Concen: 46.877 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

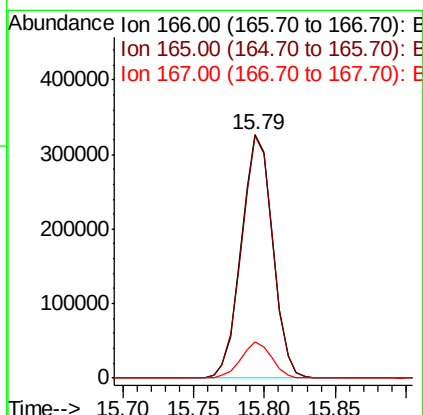
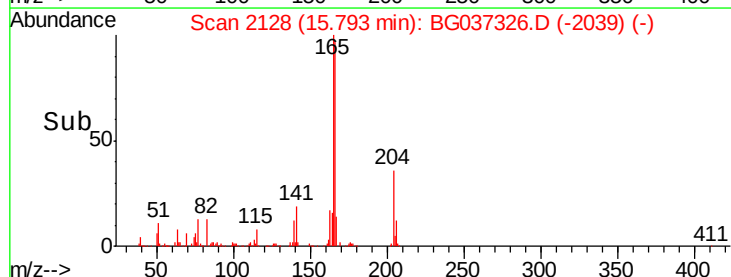
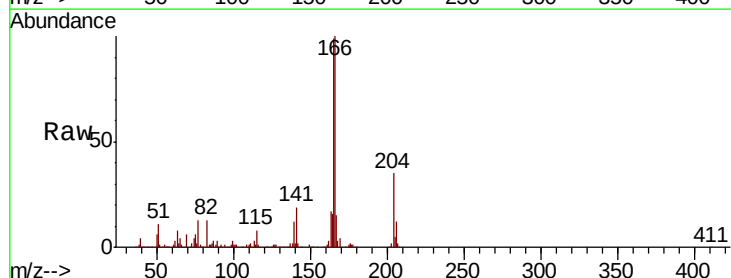
Instrument :
BNA_G
ClientSampleId :

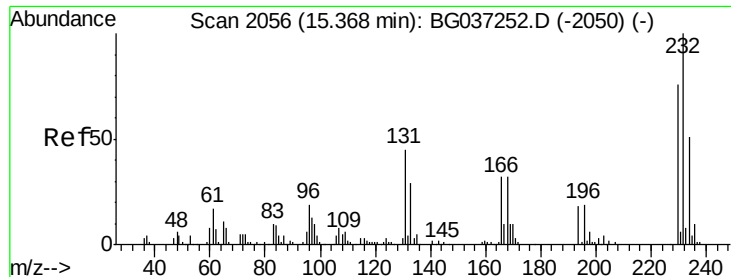
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	33.4	50.0
89	67.2	57.2	85.8
182	3.2	2.6	4.0



#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	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.6
167	15.0	11.3	16.9

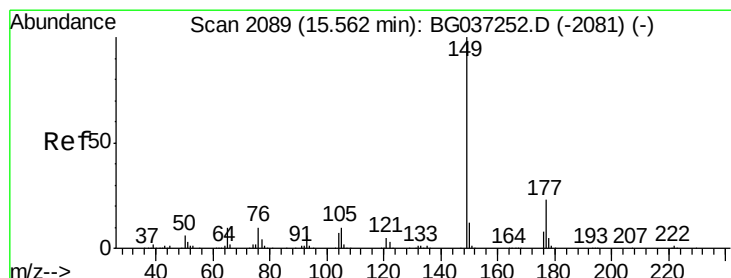
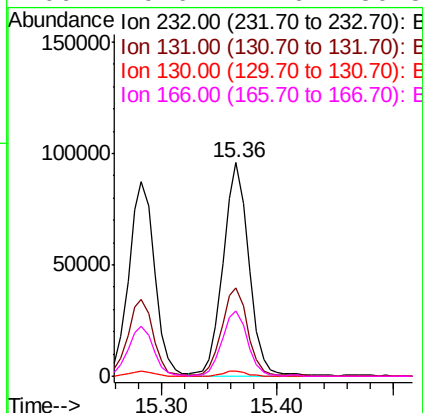
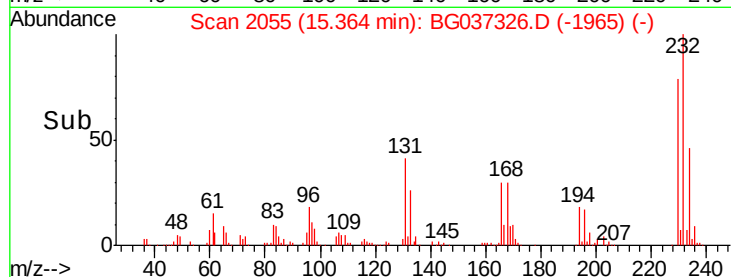
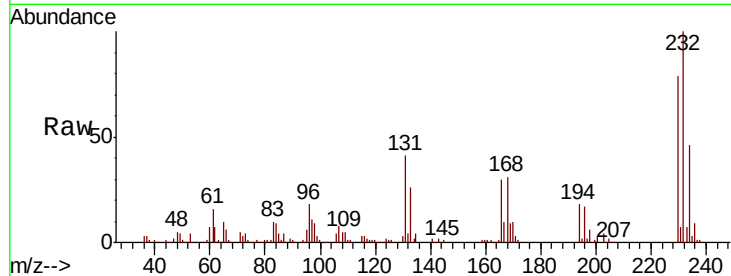




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.700 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

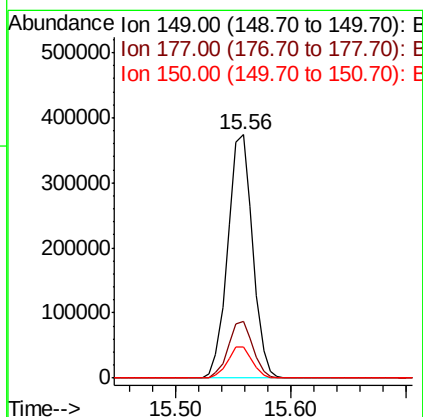
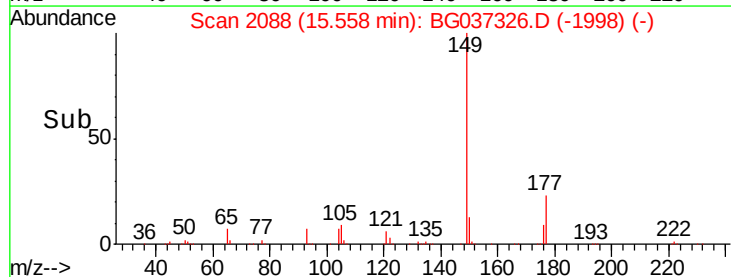
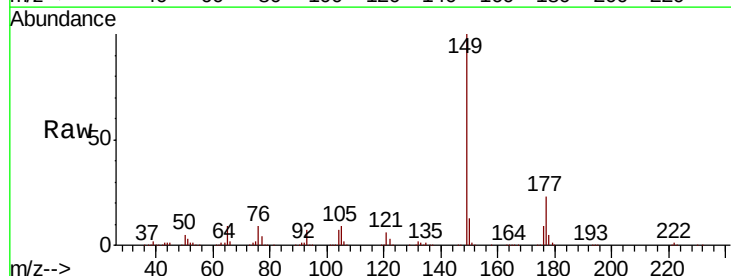
Instrument :
BNA_G
ClientSampled :

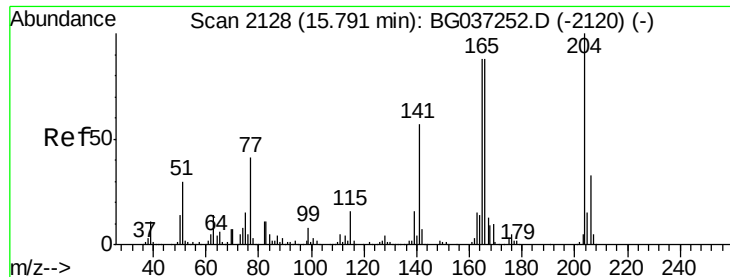
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.7	50.5
130	2.4	2.1	3.1
166	29.6	24.6	36.8



#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	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.9	10.0	15.0

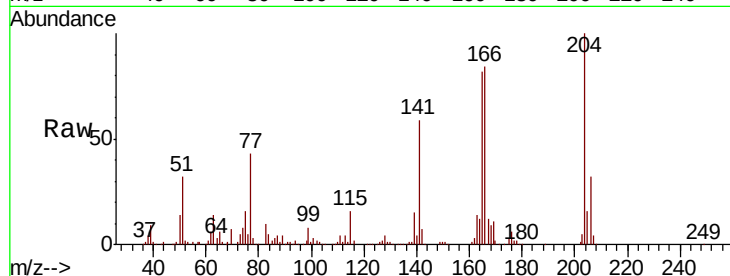




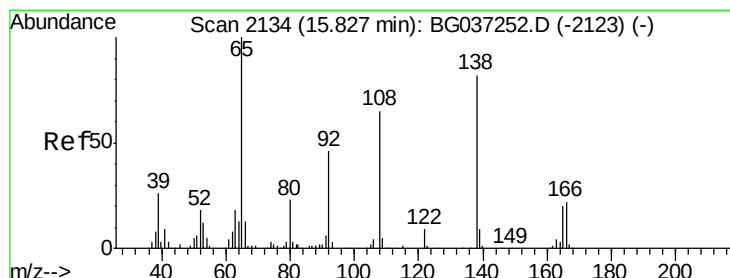
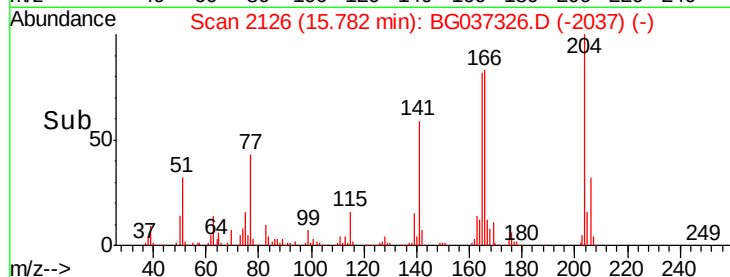
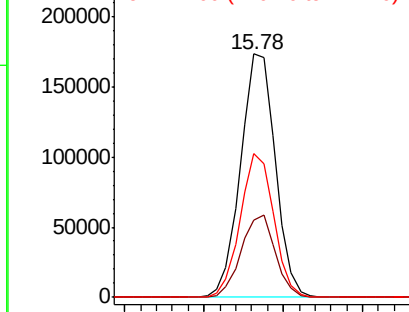
#61
4-Chlorophenyl-phenylether
Concen: 36.195 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

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

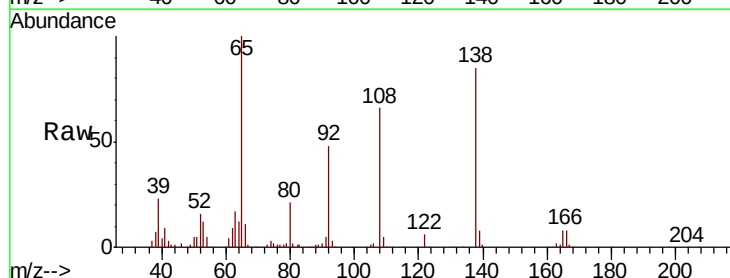


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

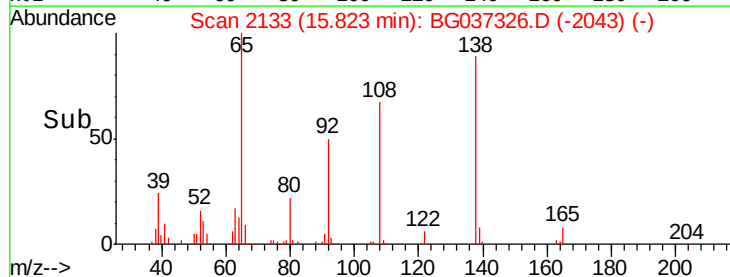
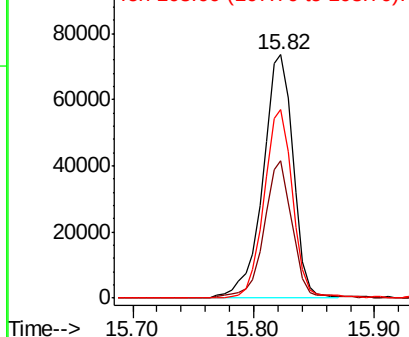


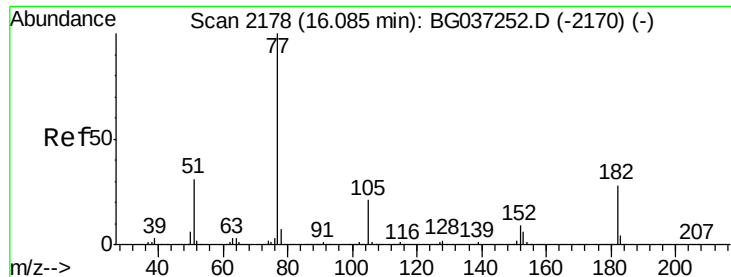
#62
4-Nitroaniline
Concen: 42.518 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

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



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

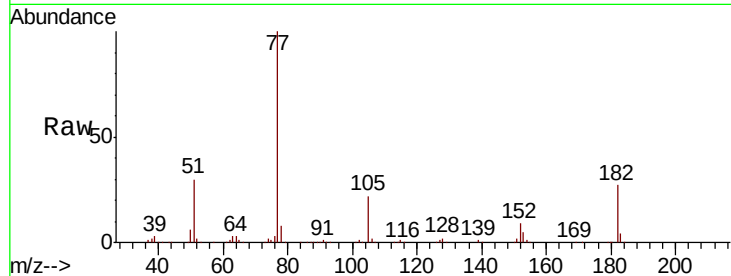




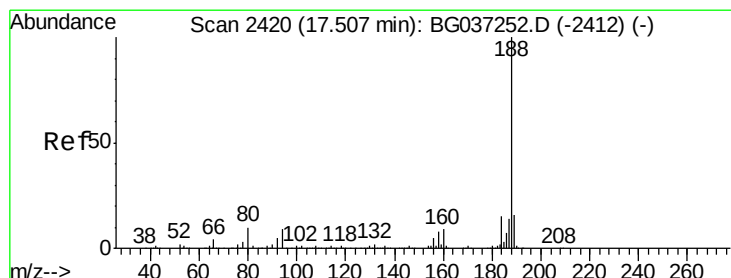
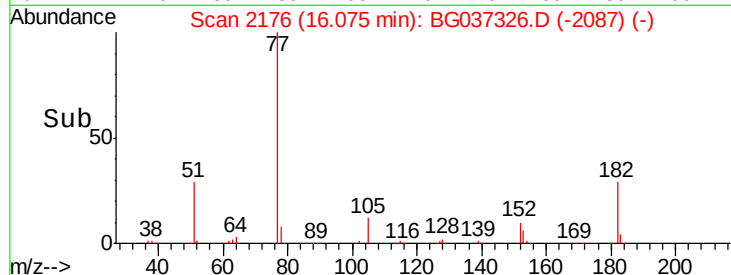
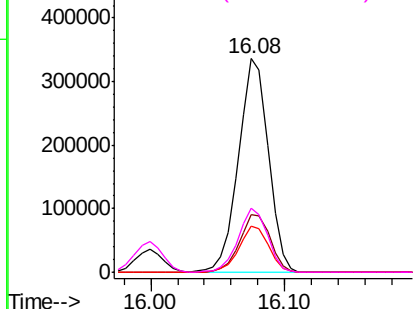
#63
Azobenzene
Concen: 38.571 ng
RT: 16.08 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampled :

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

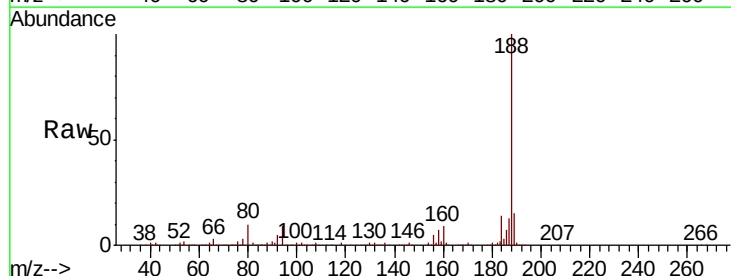


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

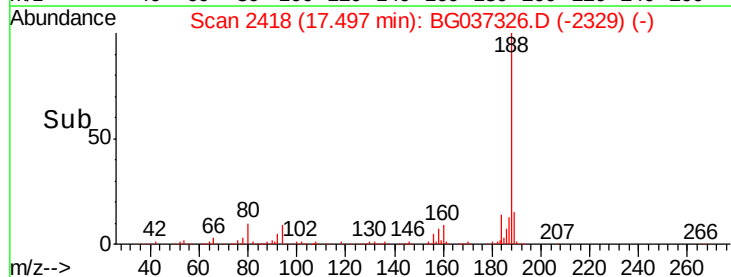
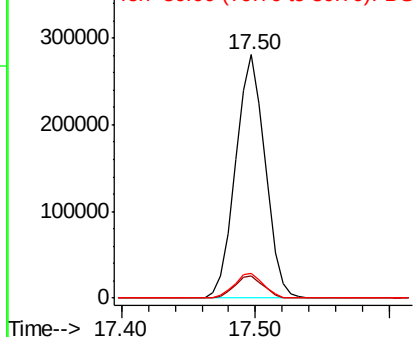


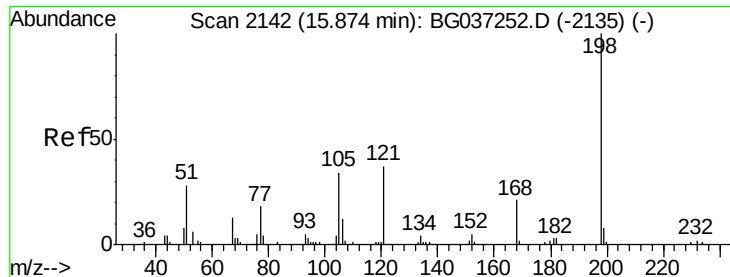
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

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 :

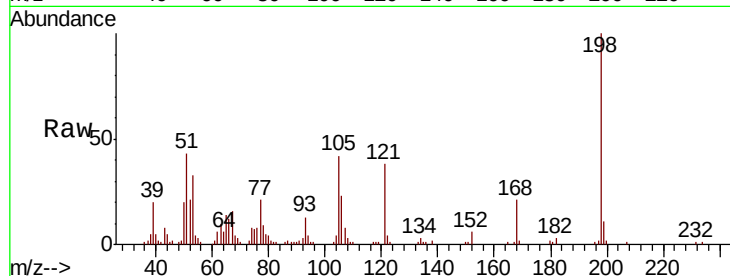
Tot Ion:198 Resp: 50323

Ion Ratio Lower Upper

198 100

51 43.0 22.7 62.7

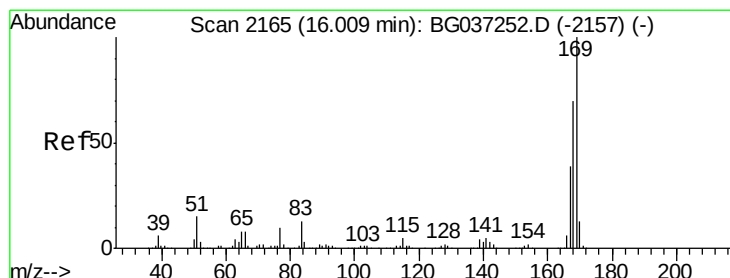
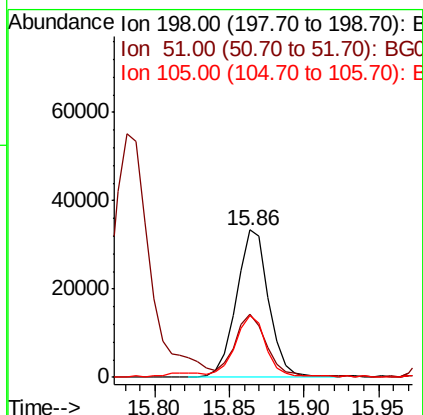
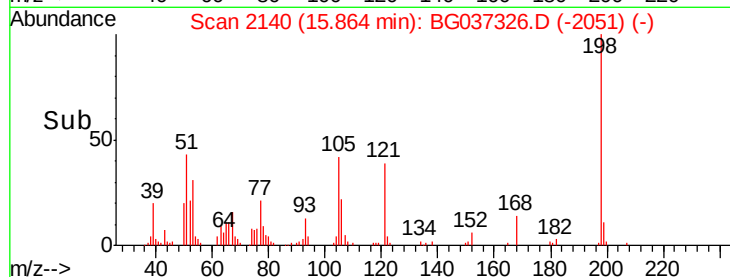
105 41.8 19.7 59.7



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

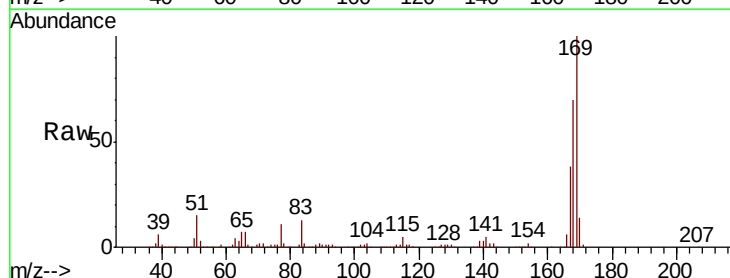
Tgt Ion:169 Resp: 477196

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

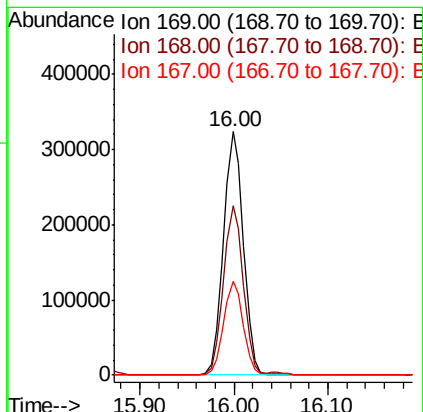
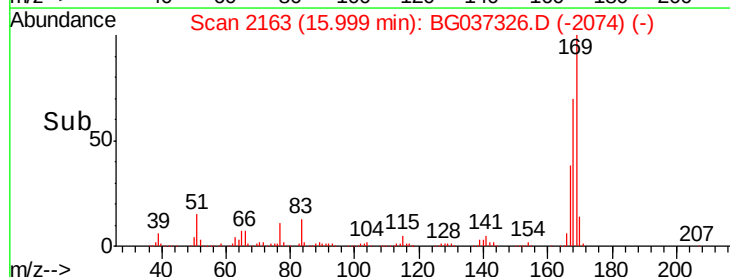
167 38.4 31.3 46.9

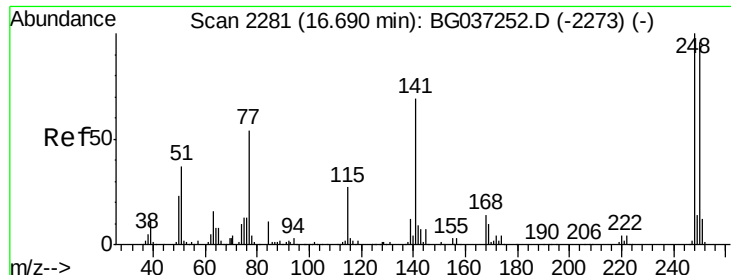


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

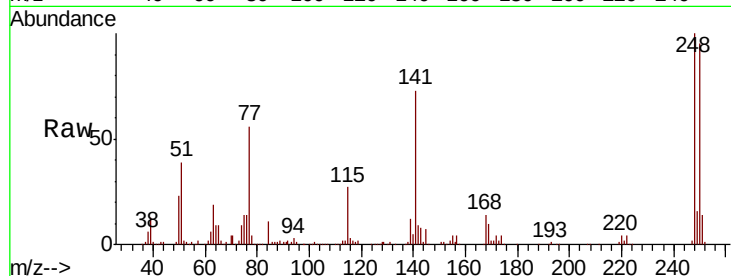




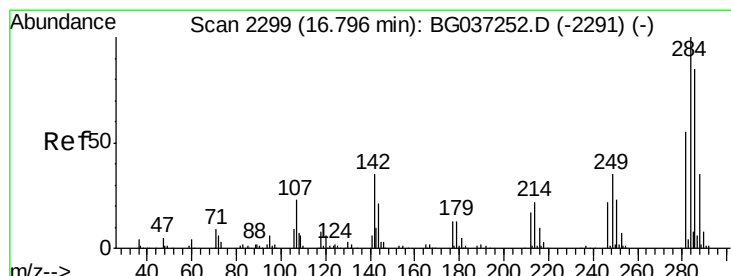
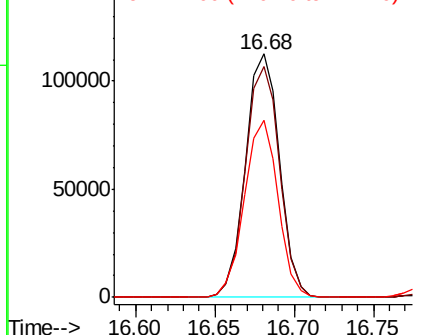
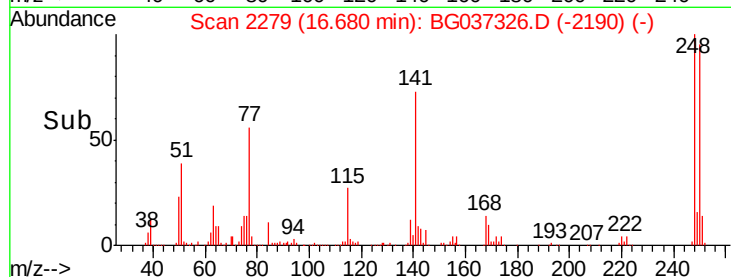
#67
 4-Bromophenyl-phenylether
 Concen: 36.193 ng
 RT: 16.68 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

Instrument :
 BNA_G
 ClientSampled :

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

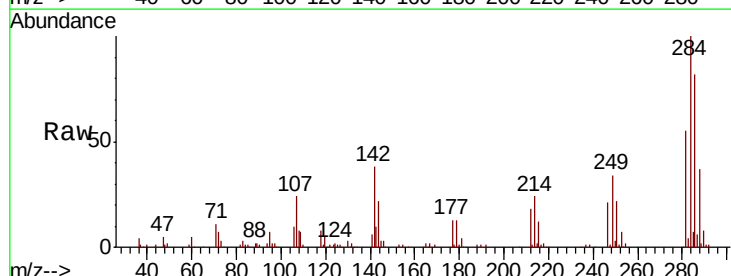


Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

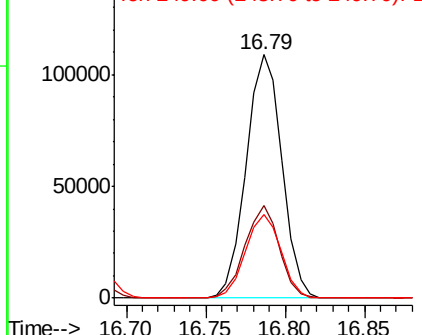
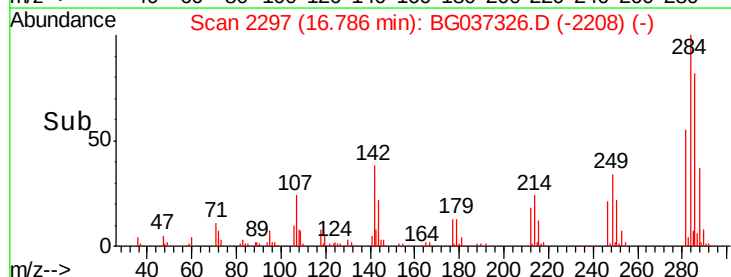


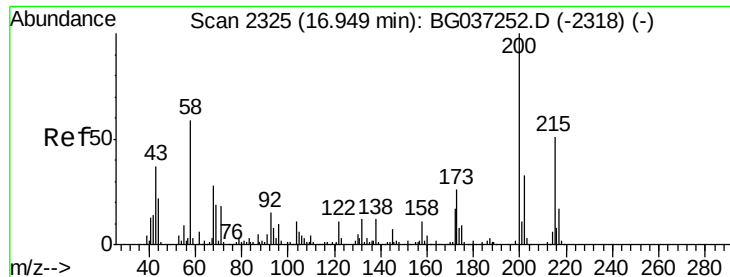
#68
 Hexachlorobenzene
 Concen: 35.376 ng
 RT: 16.79 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BG037326.D
 Acq: 13 Oct 2018 14:35

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
 150000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

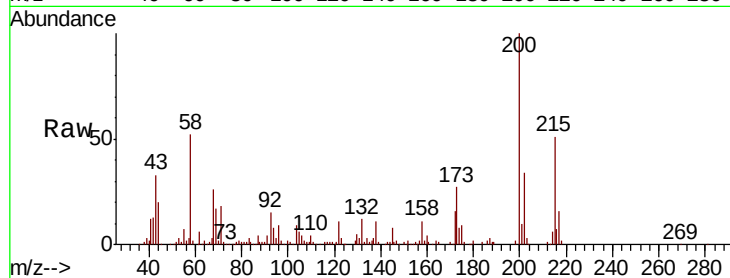




#69
Atrazine
Concen: 39.667 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.1	46.1
215	51.5	30.8	70.8

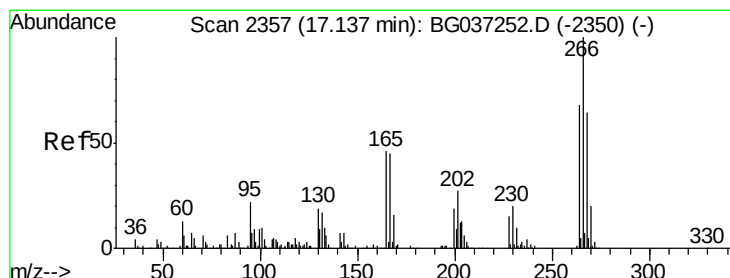
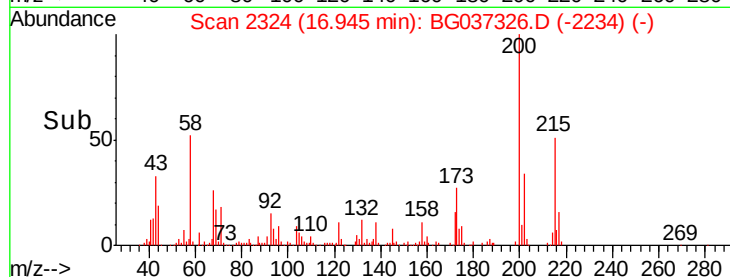
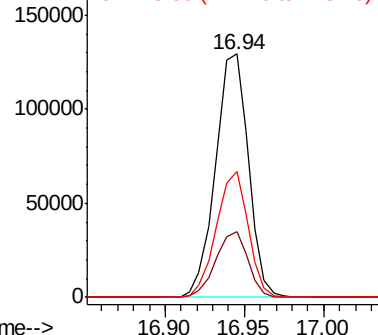


Abundance

Ion 200.00 (199.70 to 200.70): E

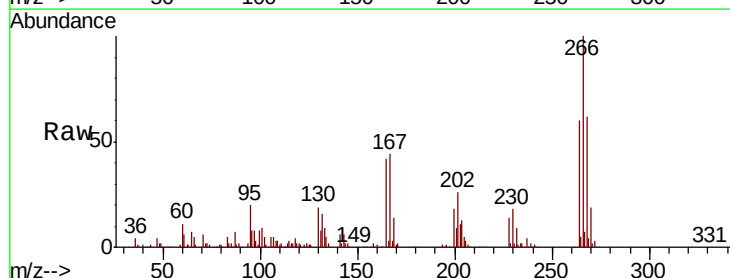
Ion 173.00 (172.70 to 173.70): E

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	Ratio	Lower	Upper
266	100		
268	66.3	55.0	82.6
264	65.4	58.9	88.3

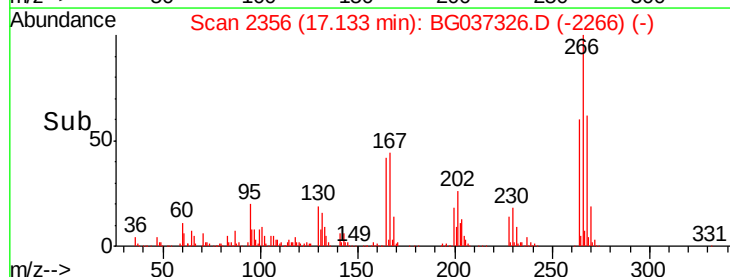
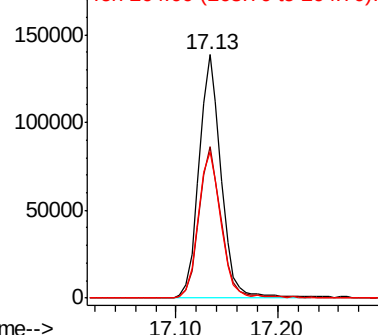


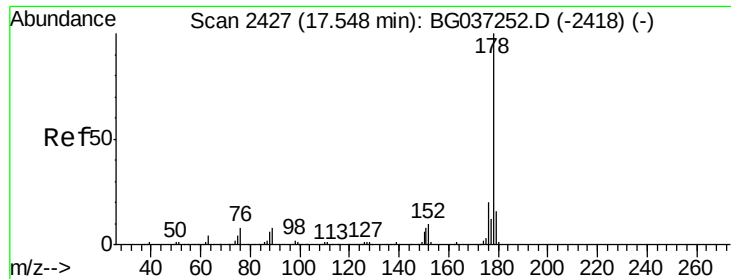
Abundance

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

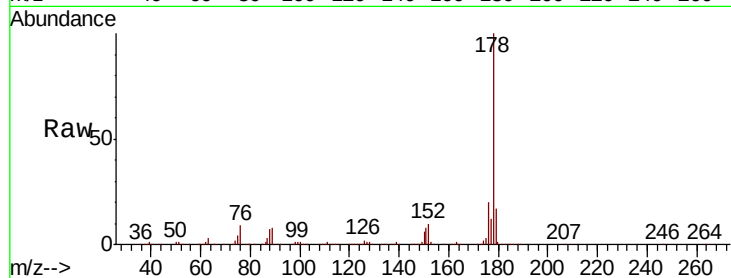




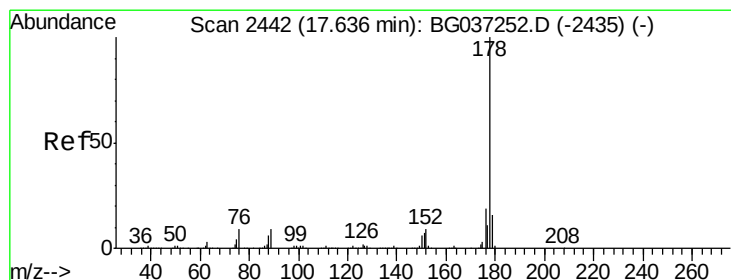
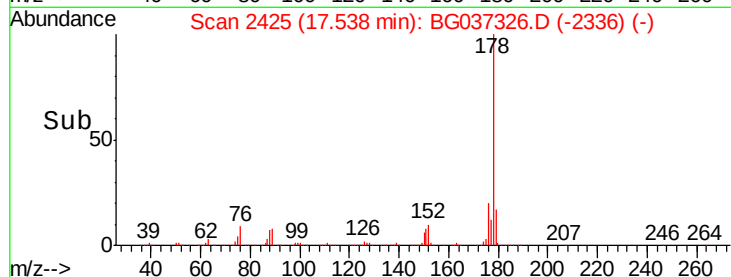
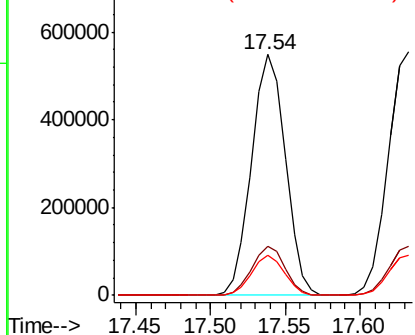
#71
Phenanthrene
Concen: 39.372 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

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

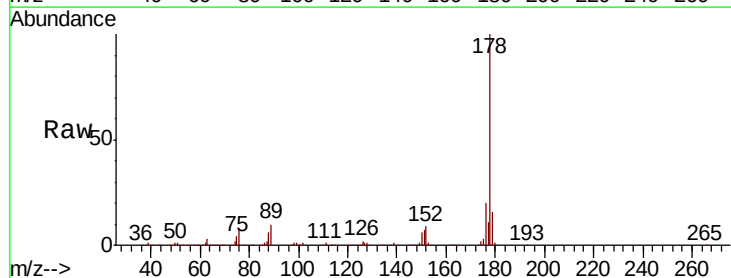


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

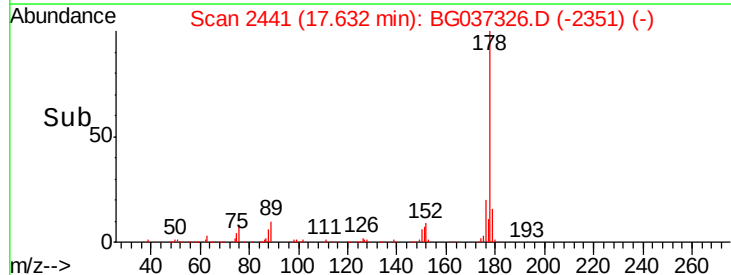
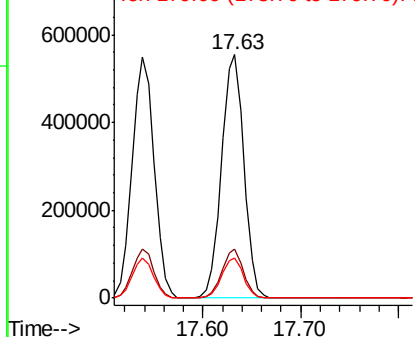


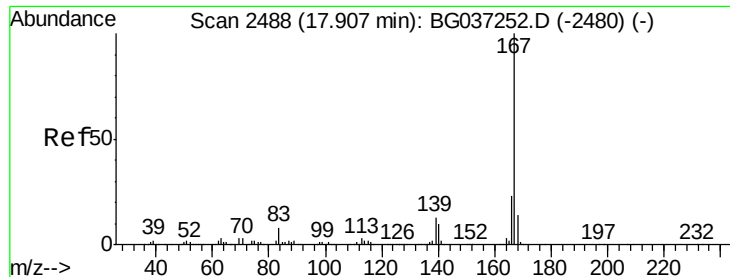
#72
Anthracene
Concen: 40.981 ng
RT: 17.63 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

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 :

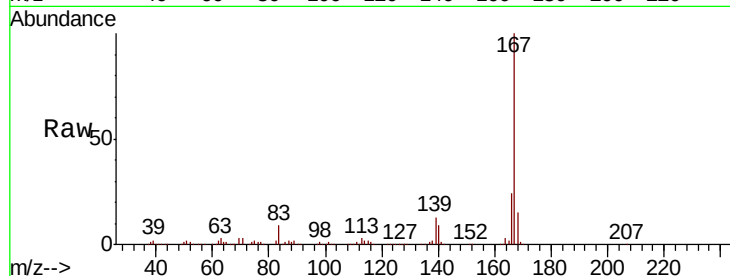
Tot Ion:167 Resp: 821404

Ion Ratio Lower Upper

167 100

166 23.6 18.3 27.5

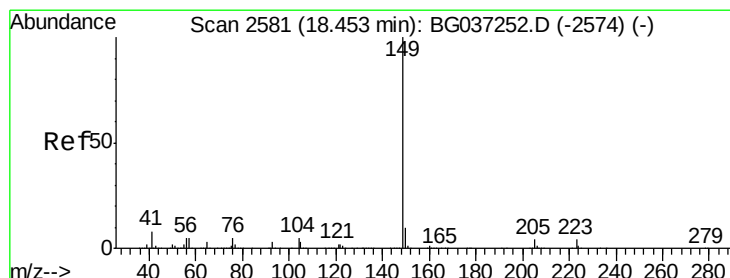
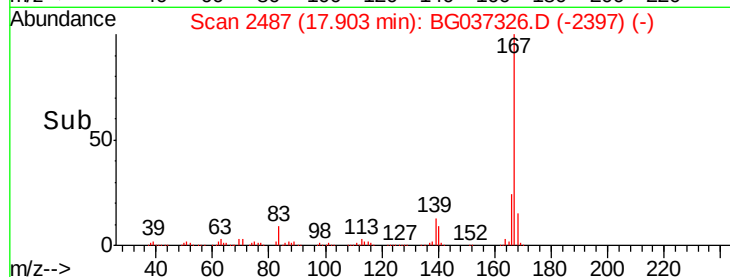
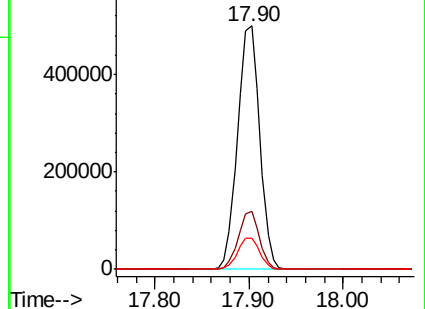
139 13.0 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 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

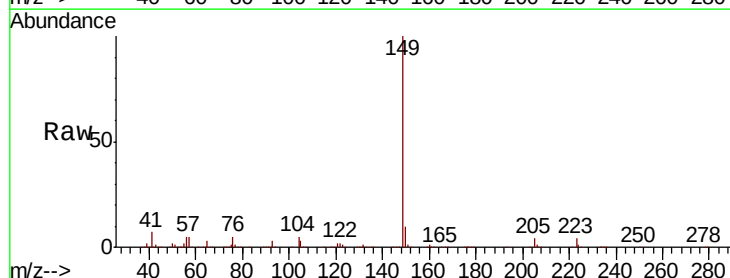
Tgt Ion:149 Resp: 981675

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.2

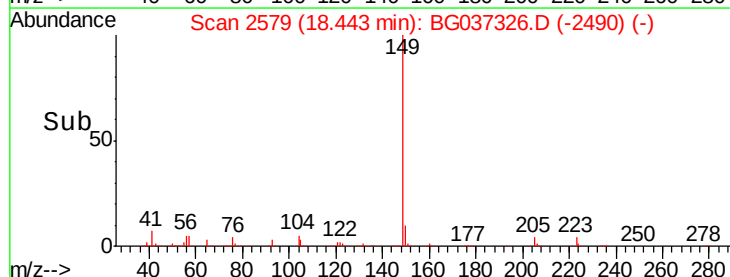
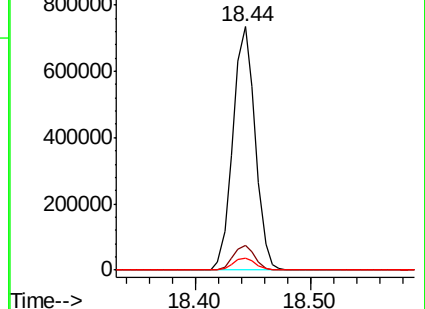
104 5.0 4.0 6.0

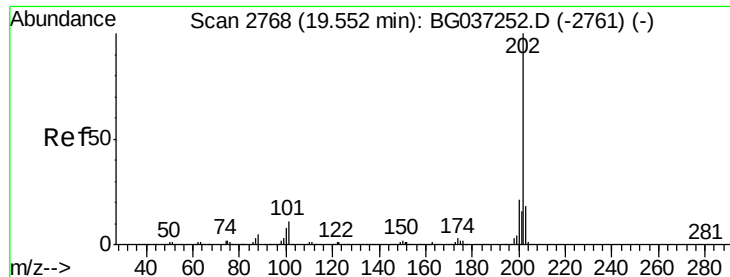


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 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 :

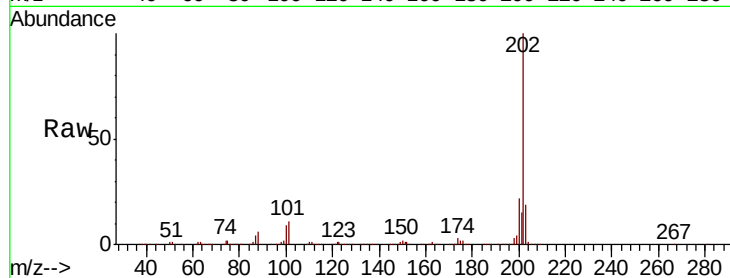
Tot Ion:202 Resp: 1028670

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.7

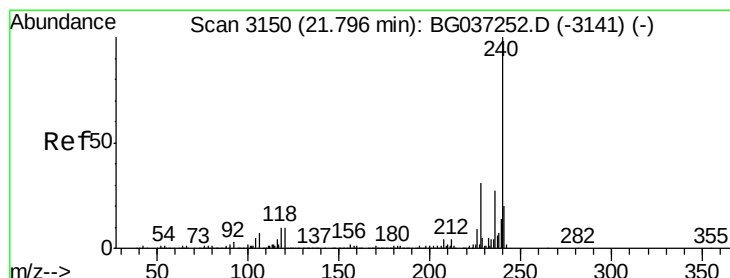
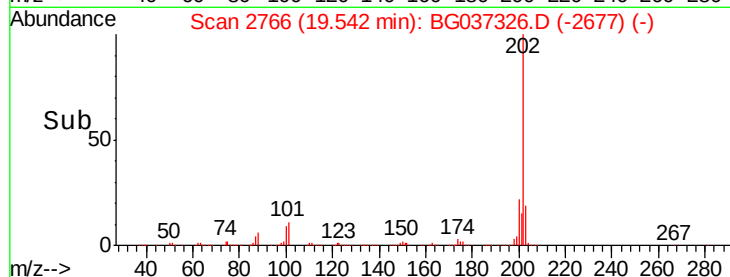
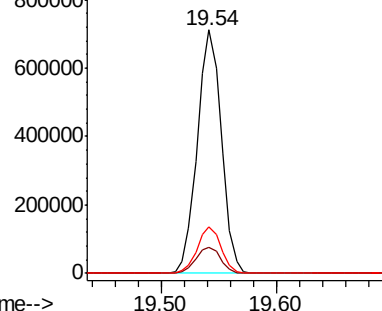
203 18.9 0.0 38.5



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

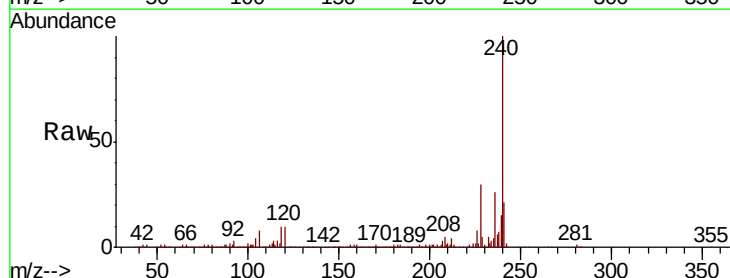
Tgt Ion:240 Resp: 397974

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

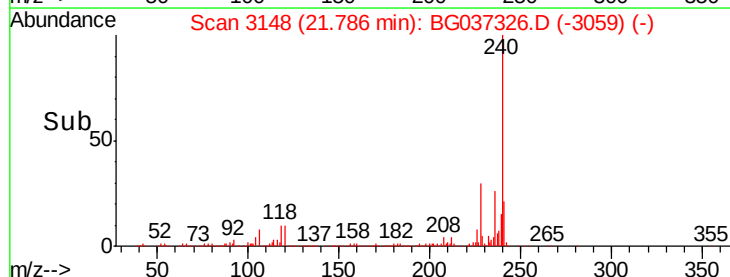
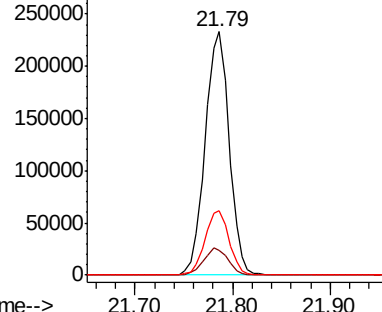
236 26.4 21.4 32.0

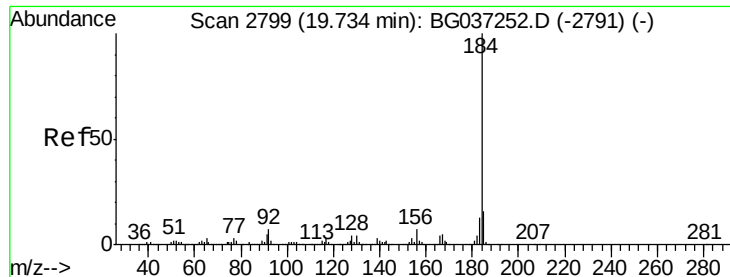


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

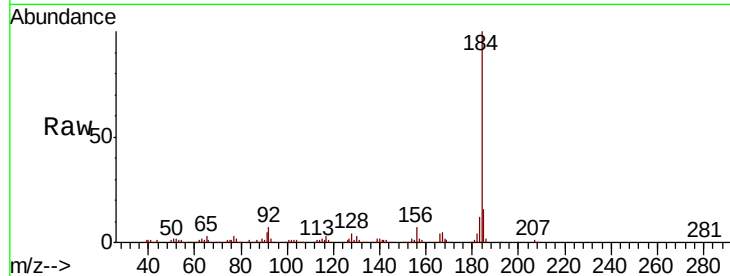
Tot Ion:184 Resp: 195912

Ion Ratio Lower Upper

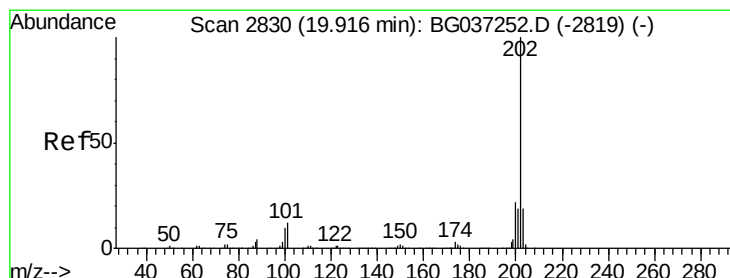
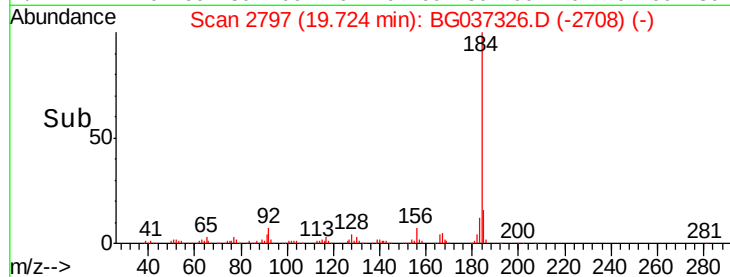
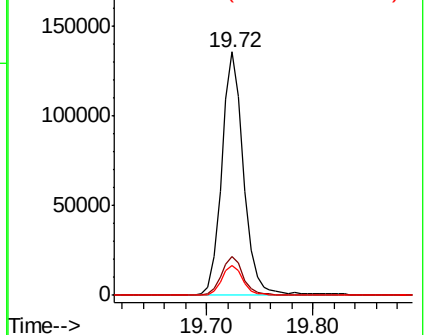
184 100

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

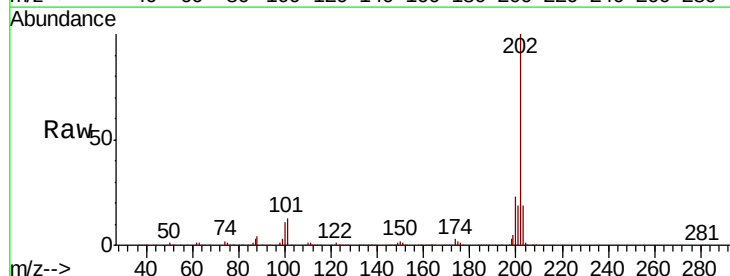
Tgt Ion:202 Resp: 1022572

Ion Ratio Lower Upper

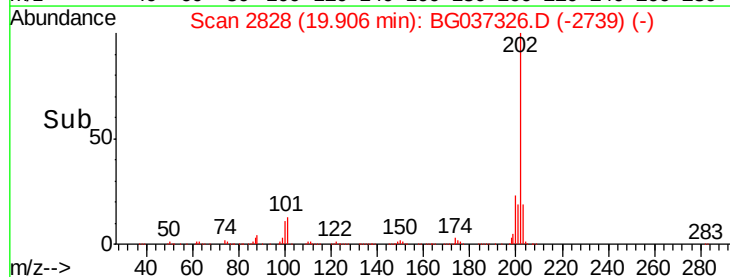
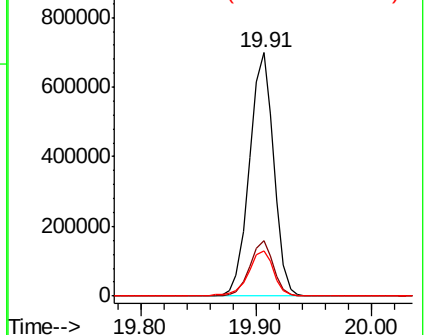
202 100

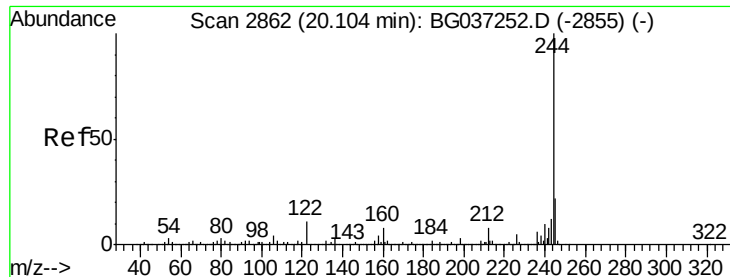
200 22.6 17.8 26.6

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

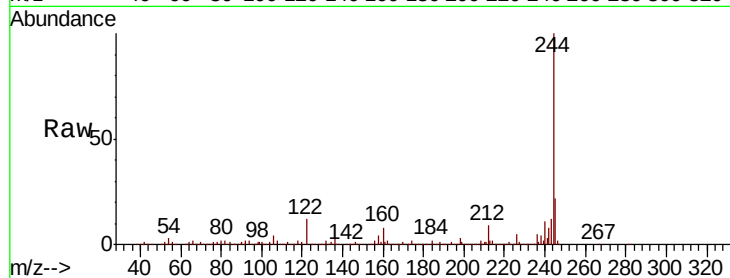
Instrument :

BNA_G

ClientSampleId :

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

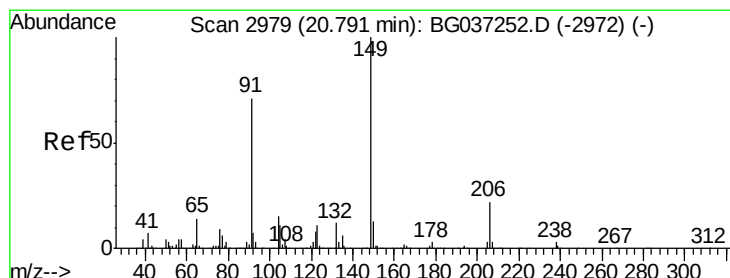
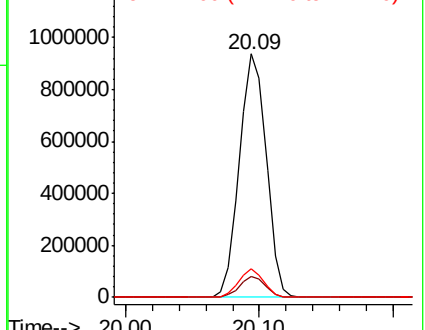
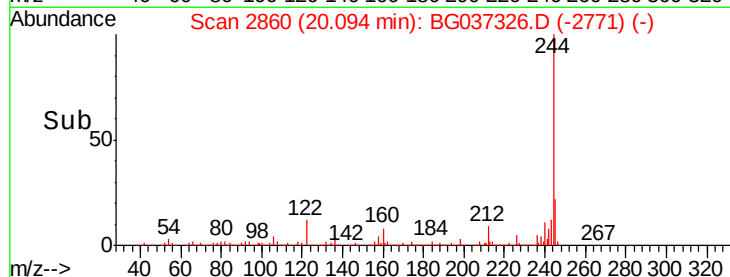


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.315 ng

RT: 20.78 min Scan# 2977

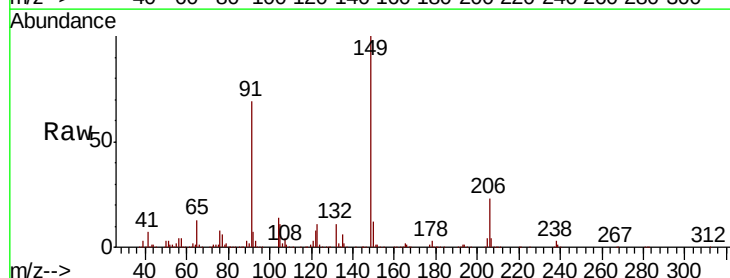
Delta R.T. -0.01 min

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

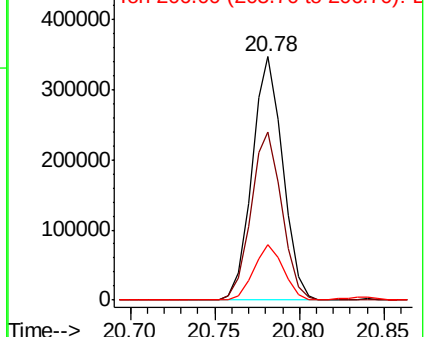
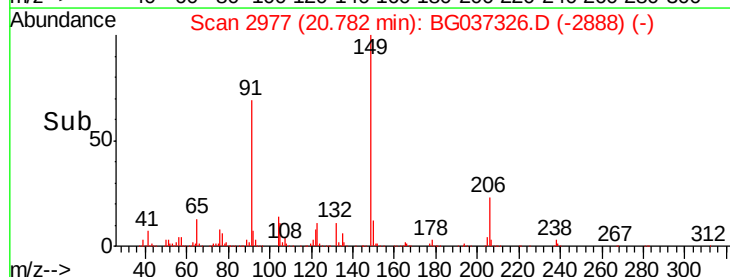


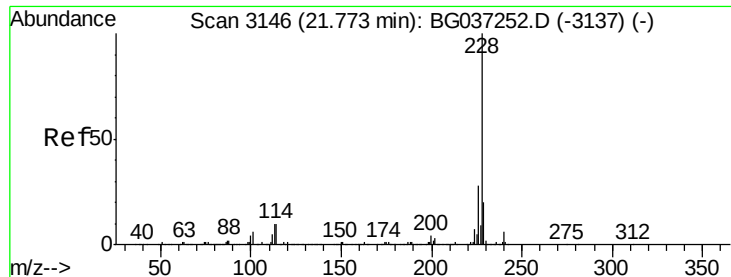
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 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 :

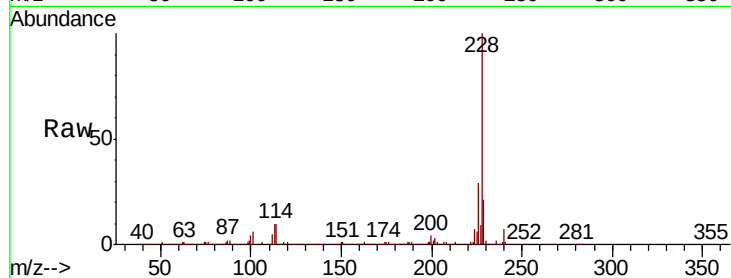
Tot Ion:228 Resp: 967297

Ion Ratio Lower Upper

228 100

226 29.3 22.6 33.8

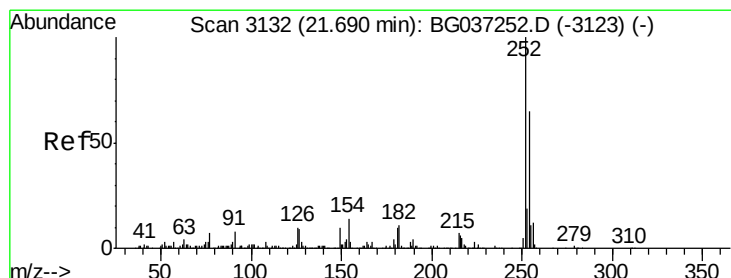
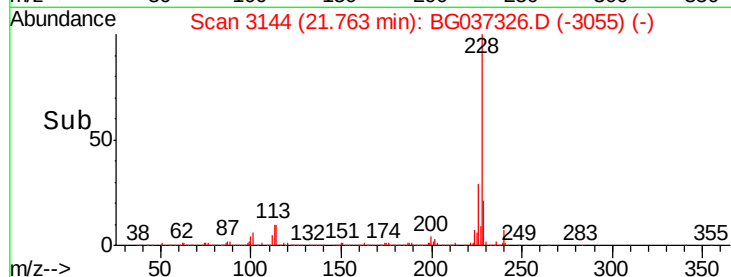
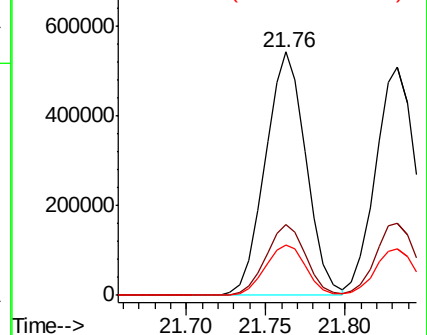
229 20.8 16.3 24.5



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

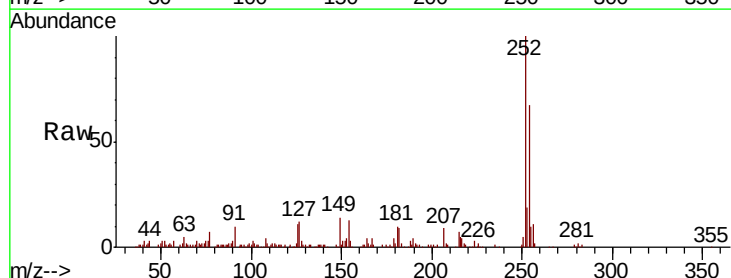
Tgt Ion:252 Resp: 135354

Ion Ratio Lower Upper

252 100

254 66.7 52.0 78.0

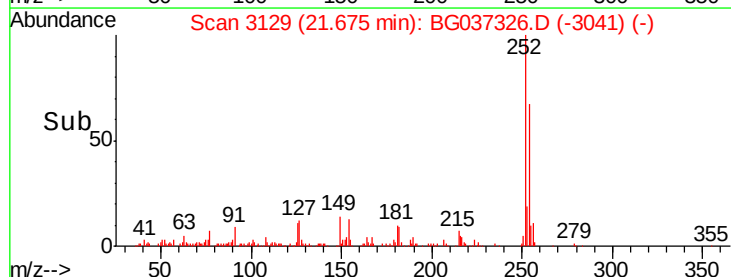
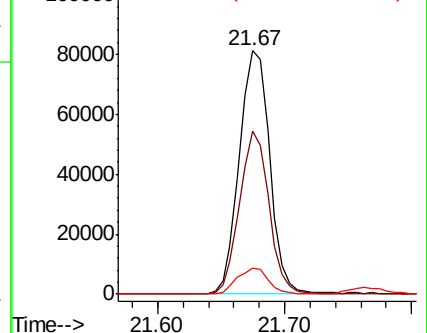
126 10.7 8.2 12.4

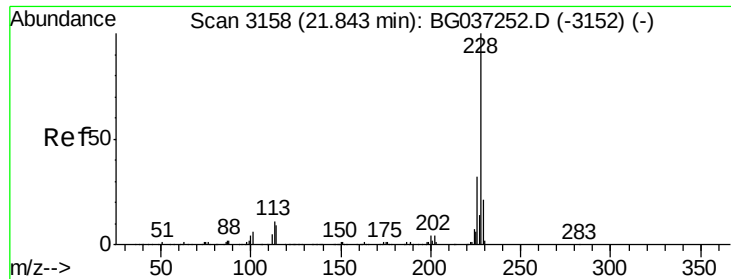


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

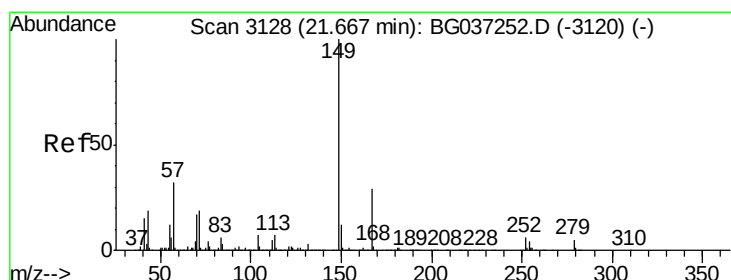
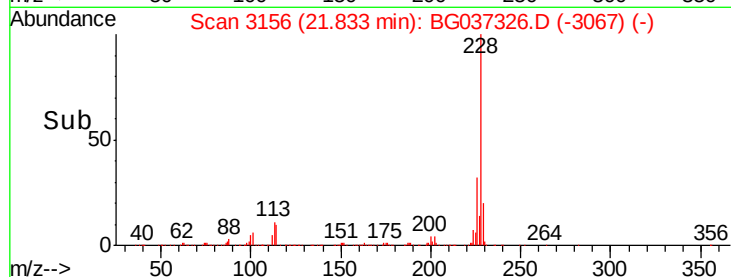
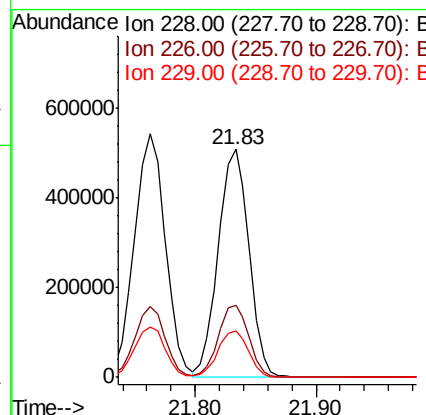
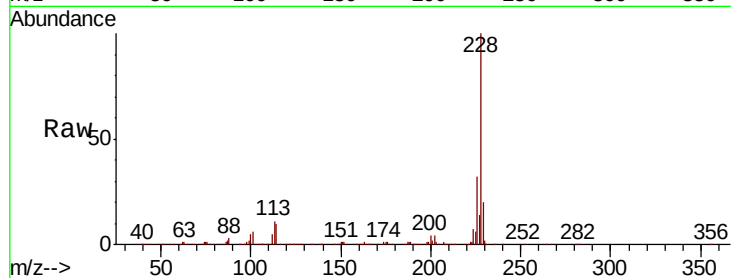




#83
Chrysene
Concen: 39.265 ng
RT: 21.83 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

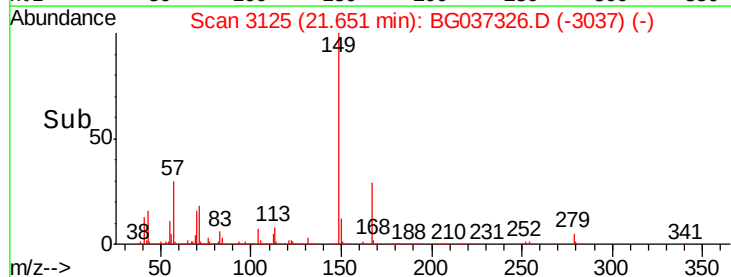
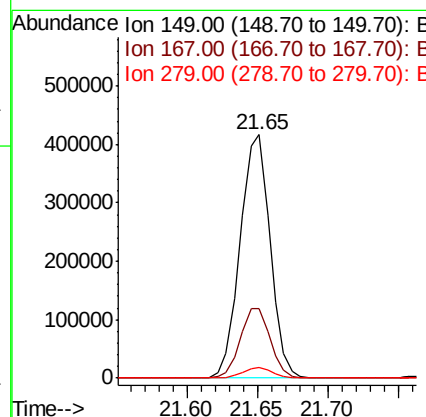
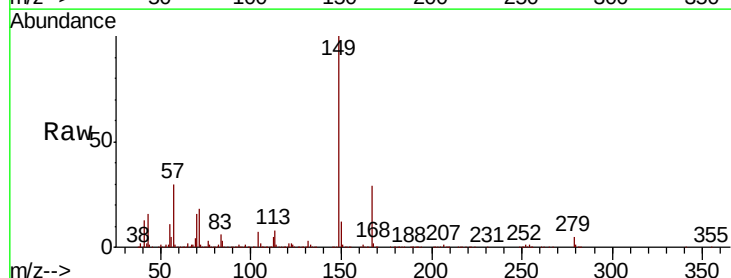
Instrument :
BNA_G
ClientSampleId :

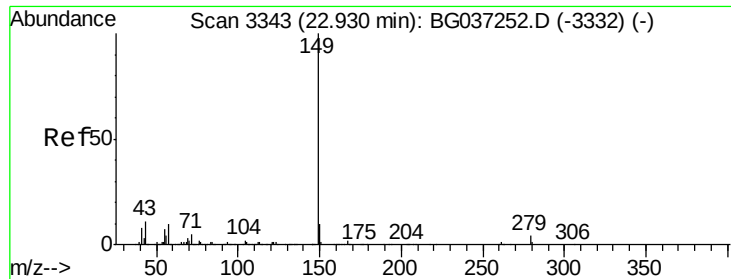
Tot Ion:228 Resp: 892757
Ion Ratio Lower Upper
228 100
226 31.9 25.7 38.5
229 20.3 16.5 24.7



#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





#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 :

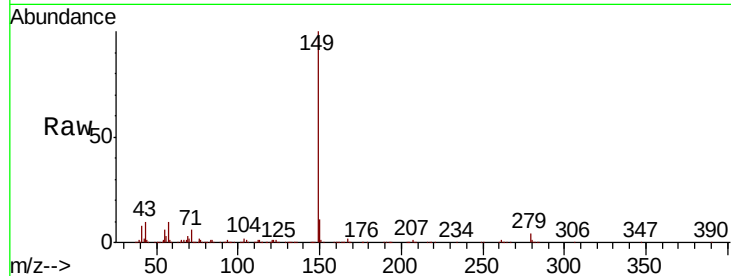
Tot Ion:149 Resp: 1045960

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

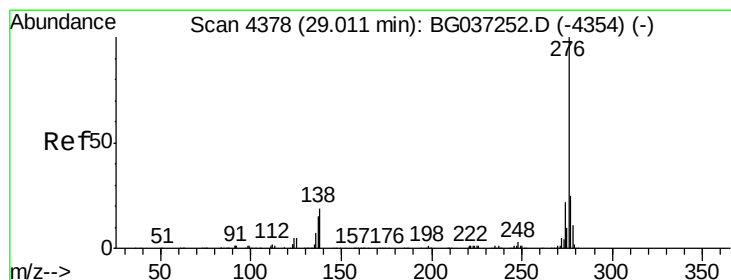
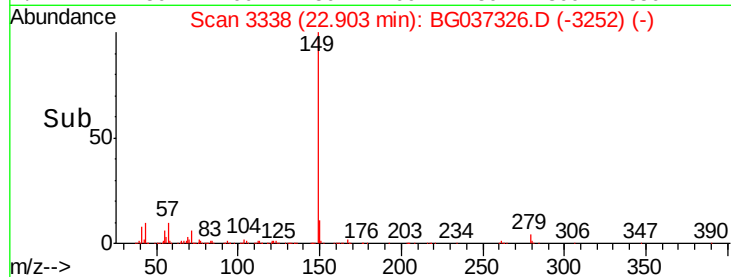
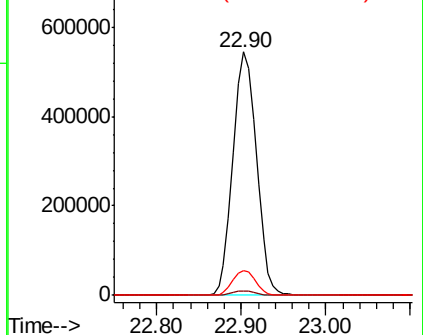
43 9.9 8.7 13.1



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

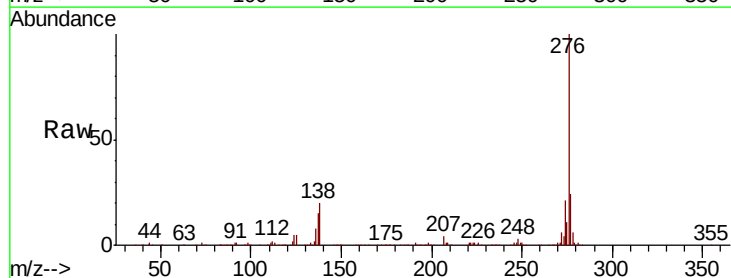
Tgt Ion:276 Resp: 1065486

Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

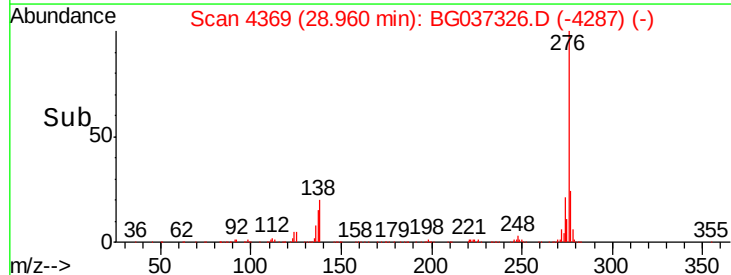
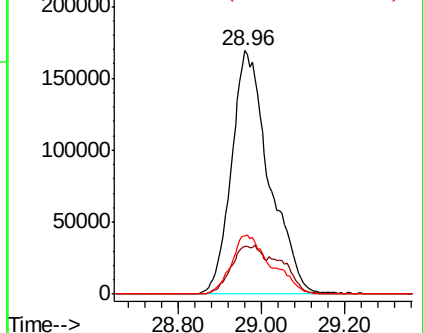
277 25.8 20.6 30.8

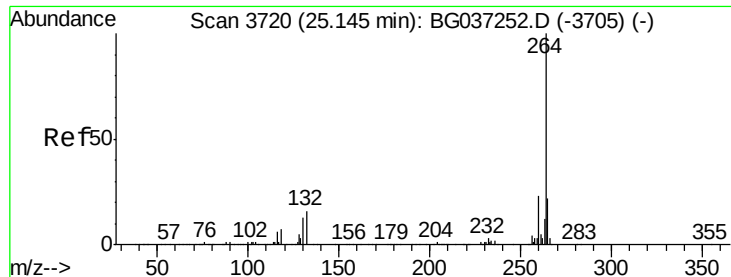


Abundance Ion 276.00 (275.70 to 276.70): E

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 :

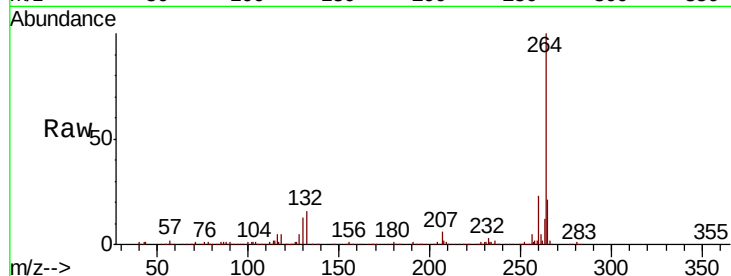
Tot Ion:264 Resp: 417229

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

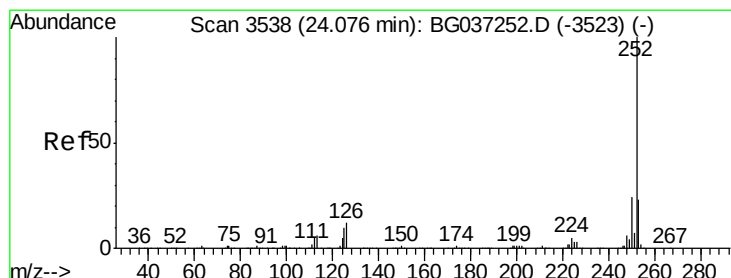
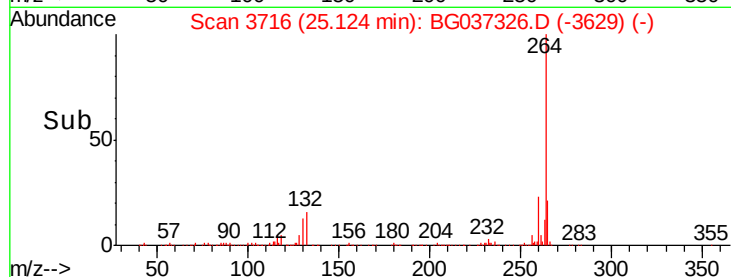
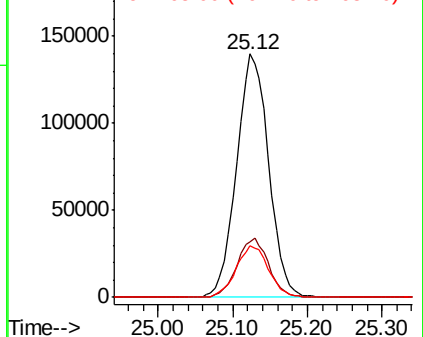
265 21.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 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

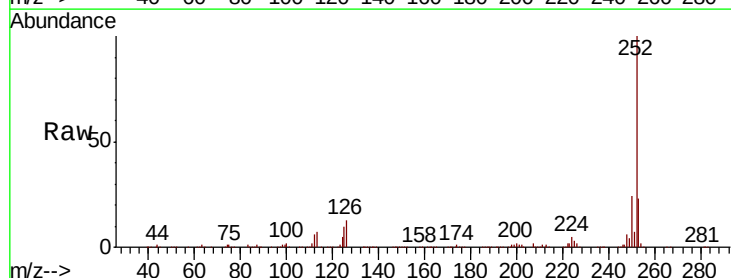
Tgt Ion:252 Resp: 974621

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

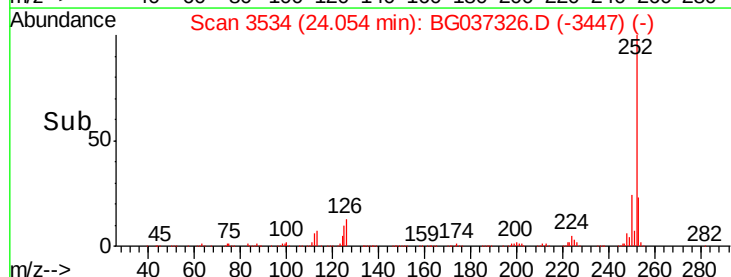
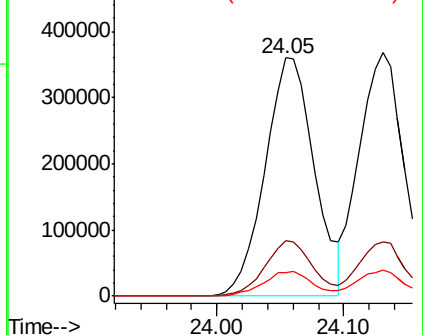
125 10.0 7.8 11.6

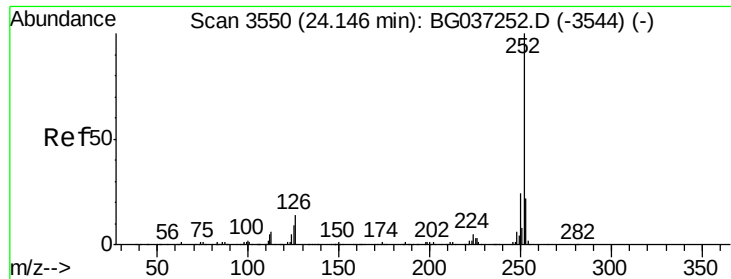


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

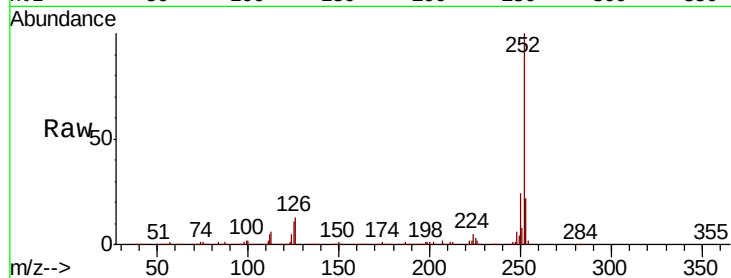




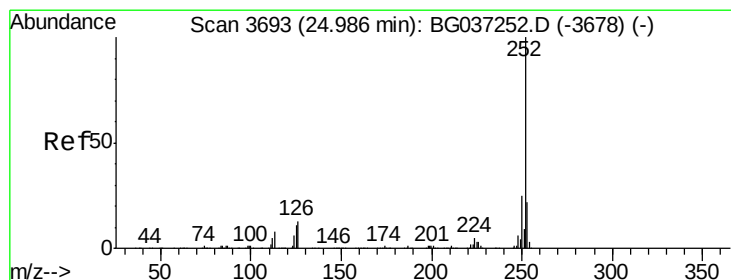
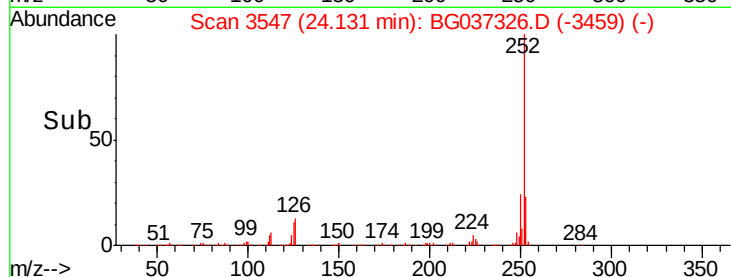
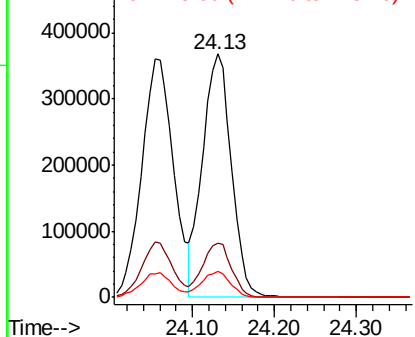
#89
Benzo(k)fluoranthene
Concen: 40.116 ng
RT: 24.13 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 897945
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.5 7.4 11.0

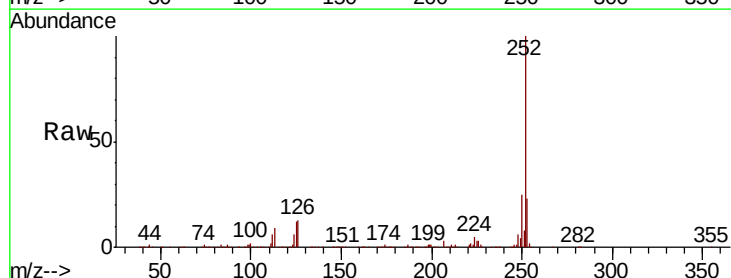


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

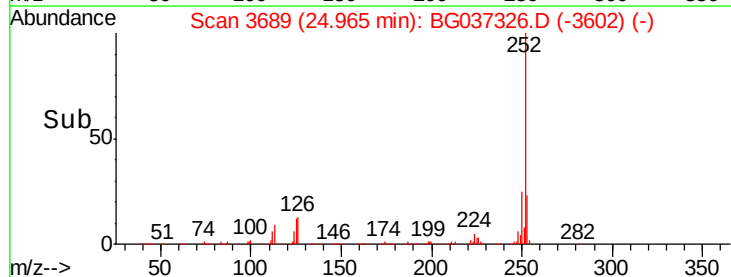
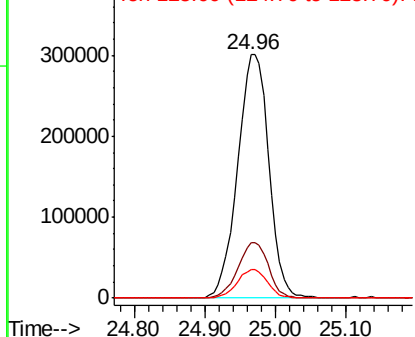


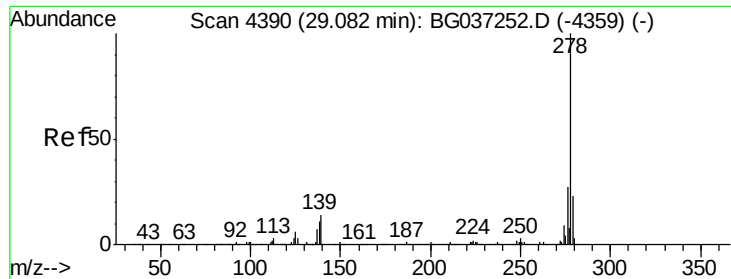
#90
Benzo(a)pyrene
Concen: 42.556 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Tgt Ion:252 Resp: 925654
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 11.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

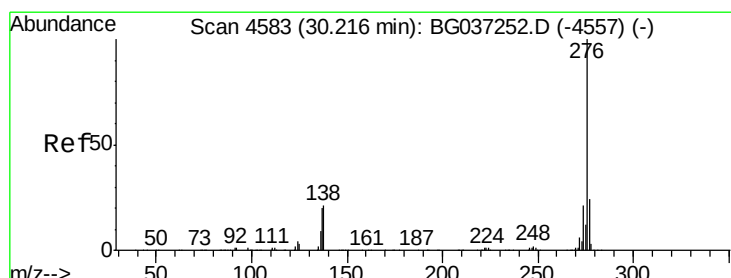
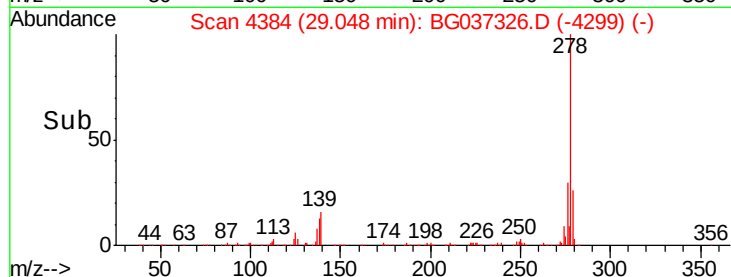
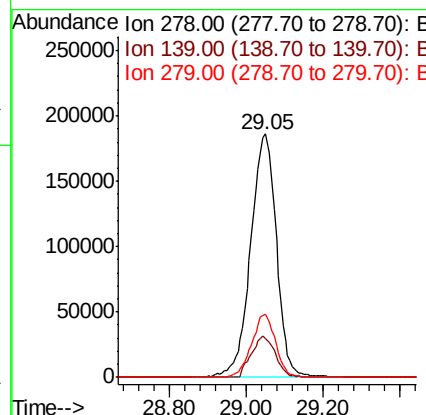
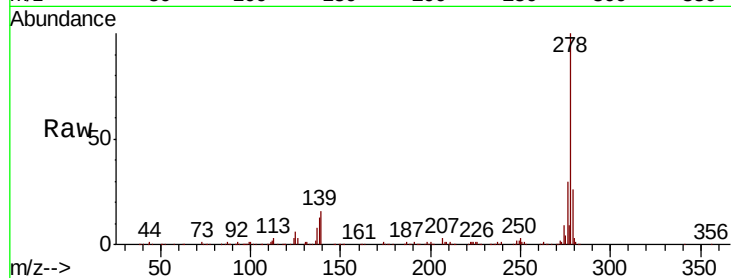




#91
Dibenzo(a,h)anthracene
Concen: 41.737 ng
RT: 29.05 min Scan# 4384
Delta R.T. -0.03 min
Lab File: BG037326.D
Acq: 13 Oct 2018 14:35

Instrument :
BNA_G
ClientSampleId :

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



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

