

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038082.D
 Acq On : 20 Nov 2018 12:51
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 13:29:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	48037	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	225204	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	138344	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	309066	20.00	ng	0.00
76) Chrysene-d12	21.75	240	287603	20.00	ng	0.00
87) Perylene-d12	25.08	264	302731	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	236855	85.13	ng	0.00
7) Phenol-d6	7.24	99	355898	89.61	ng	0.00
23) Nitrobenzene-d5	9.26	82	349238	83.01	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	130935	82.99	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	795231	83.74	ng	0.00
79) Terphenyl-d14	20.07	244	1004328	82.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	49735	37.845	ng	98
3) Pyridine	3.92	79	144682	38.595	ng	96
4) n-Nitrosodimethylamine	3.85	42	59025	43.400	ng	99
6) Aniline	7.41	93	221151	43.145	ng	97
8) 2-Chlorophenol	7.65	128	139189	43.115	ng	98
9) Benzaldehyde	7.23	77	115753	40.303	ng	95
10) Phenol	7.26	94	189755	45.108	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	148260	43.171	ng	97
12) 1,3-Dichlorobenzene	7.97	146	156757	42.149	ng	96
13) 1,4-Dichlorobenzene	8.12	146	160060	42.605	ng	96
14) 1,2-Dichlorobenzene	8.44	146	152078	42.399	ng	98
15) Benzyl Alcohol	8.33	79	135492	47.149	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	286082	44.861	ng	98
17) 2-Methylphenol	8.52	107	127180	44.718	ng	98
18) Hexachloroethane	9.17	117	59732	43.687	ng	99
19) n-Nitroso-di-n-propylamine	8.89	70	123835	43.093	ng	99
20) 3+4-Methylphenols	8.85	107	180012	44.649	ng	98
22) Acetophenone	8.92	105	229356	40.933	ng	# 100
24) Nitrobenzene	9.31	77	177219	41.179	ng	96
25) Isophorone	9.82	82	308954	40.801	ng	98
26) 2-Nitrophenol	10.02	139	88592	41.235	ng	98
27) 2,4-Dimethylphenol	10.06	122	136730	42.239	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	195047	40.282	ng	96
29) 2,4-Dichlorophenol	10.54	162	154301	42.378	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	164913	40.418	ng	98
31) Naphthalene	10.96	128	456820	41.242	ng	99
32) Benzoic acid	10.20	122	90683	44.661	ng	100
33) 4-Chloroaniline	11.07	127	209689	40.697	ng	98
34) Hexachlorobutadiene	11.22	225	101860	40.563	ng	99
35) Caprolactam	11.86	113	58240	39.961	ng	99
36) 4-Chloro-3-methylphenol	12.17	107	169921	42.716	ng	98
37) 2-Methylnaphthalene	12.55	142	324258	40.754	ng	99
38) 1-Methylnaphthalene	12.77	142	314019	41.002	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	194580	42.091	ng	99

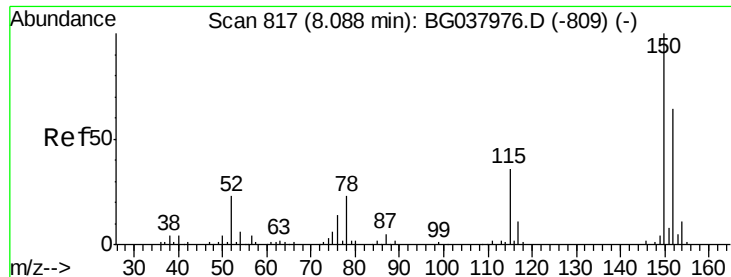
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038082.D
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 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	94862	38.322	ng	98
43) 2,4,6-Trichlorophenol	13.15	196	130815	41.527	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	134656	40.626	ng	98
46) 1,1'-Biphenyl	13.56	154	482363	41.503	ng	99
47) 2-Chloronaphthalene	13.61	162	365920	41.259	ng	99
48) 2-Nitroaniline	13.81	65	122881	44.023	ng	97
49) Acenaphthylene	14.45	152	561507	42.102	ng	99
50) Dimethylphthalate	14.17	163	443200	40.410	ng	99
51) 2,6-Dinitrotoluene	14.30	165	102868	41.441	ng	99
52) Acenaphthene	14.79	154	340484	42.406	ng	98
53) 3-Nitroaniline	14.64	138	114129	41.667	ng	# 93
54) 2,4-Dinitrophenol	14.84	184	56491	46.558	ng	89
55) Dibenzofuran	15.12	168	552712	41.631	ng	99
56) 4-Nitrophenol	14.93	139	79120	37.453	ng	97
57) 2,4-Dinitrotoluene	15.09	165	143777	42.571	ng	# 97
58) Fluorene	15.77	166	416104	42.006	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	114753	41.375	ng	98
60) Diethylphthalate	15.53	149	468259	40.197	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	234991	40.542	ng	97
62) 4-Nitroaniline	15.80	138	114325	42.016	ng	96
63) Azobenzene	16.05	77	430981	41.378	ng	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	79320	40.576	ng	98
66) n-Nitrosodiphenylamine	15.97	169	399085	42.682	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	145341	42.845	ng	96
68) Hexachlorobenzene	16.77	284	149422	42.674	ng	97
69) Atrazine	16.91	200	146418	42.480	ng	99
70) Pentachlorophenol	17.11	266	92283	38.805	ng	96
71) Phenanthrene	17.51	178	665341	42.047	ng	100
72) Anthracene	17.61	178	655714	42.038	ng	98
73) Carbazole	17.88	167	660941	42.234	ng	99
74) Di-n-butylphthalate	18.41	149	744346	42.372	ng	99
75) Fluoranthene	19.52	202	756311	41.892	ng	99
77) Benzidine	19.70	184	342012	33.890	ng	99
78) Pyrene	19.88	202	770526	40.977	ng	99
80) Butylbenzylphthalate	20.75	149	342737	41.679	ng	99
81) Benzo(a)anthracene	21.74	228	715488	41.167	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	278589	41.149	ng	100
83) Chrysene	21.80	228	684844	41.184	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	485941	41.438	ng	100
85) Di-n-octyl phthalate	22.84	149	806324	42.501	ng	100
86) Indeno(1,2,3-cd)pyrene	28.89	276	779639	42.214	ng	98
88) Benzo(b)fluoranthene	24.01	252	697359	41.860	ng	99
89) Benzo(k)fluoranthene	24.09	252	693585	42.192	ng	99
90) Benzo(a)pyrene	24.92	252	673237	42.286	ng	98
91) Dibenzo(a,h)anthracene	28.96	278	647601	42.275	ng	98
92) Benzo(g,h,i)perylene	30.09	276	619392	40.665	ng	99

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

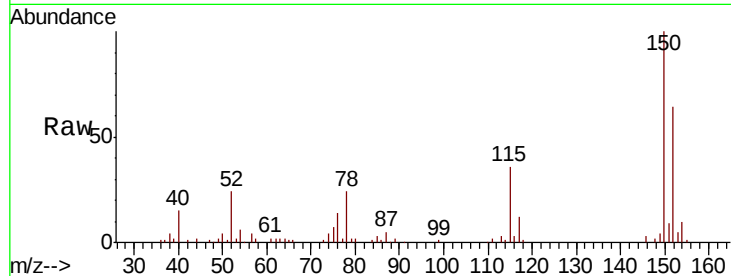


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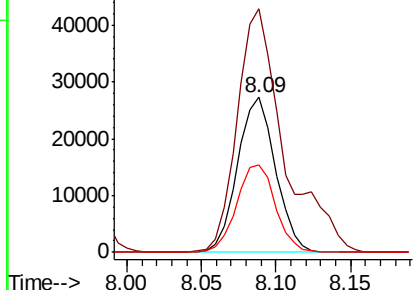
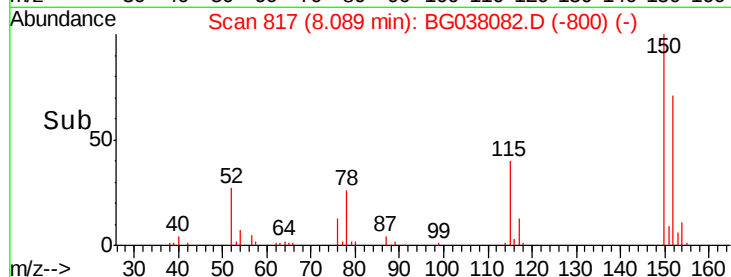
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48037
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 56.3 45.5 68.3



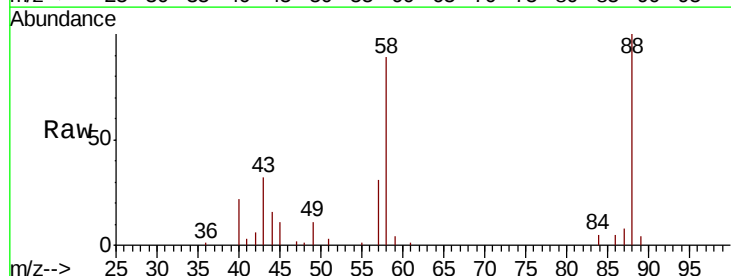
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



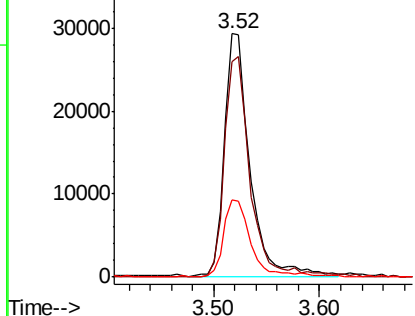
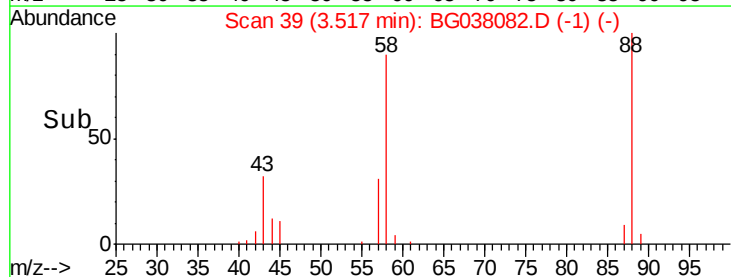
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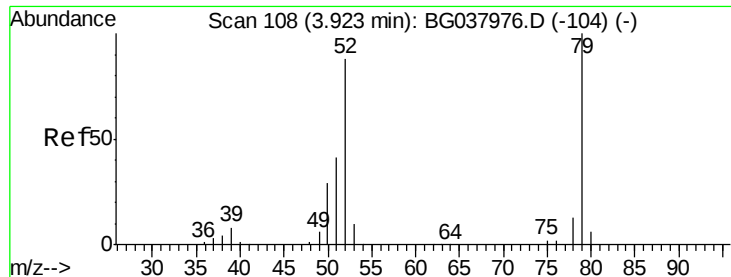
1,4-Dioxane
Concen: 37.845 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion: 88 Resp: 49735
Ion Ratio Lower Upper
88 100
58 90.8 74.4 111.6
43 33.5 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: 38.595 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

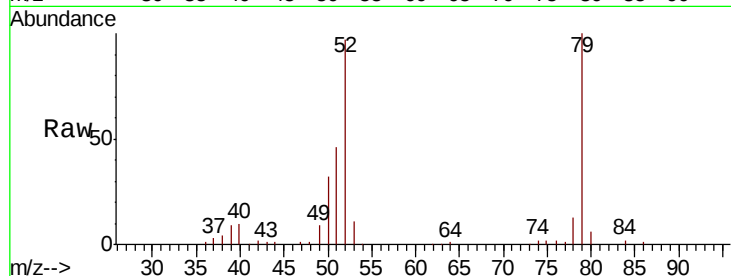
Tot Ion: 79 Resp: 144682

Ion Ratio Lower Upper

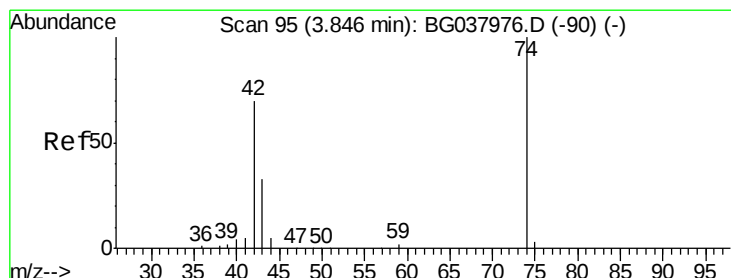
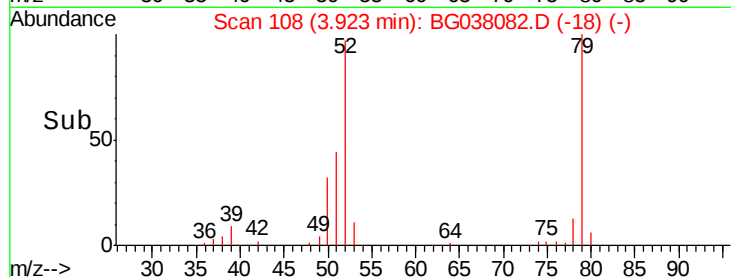
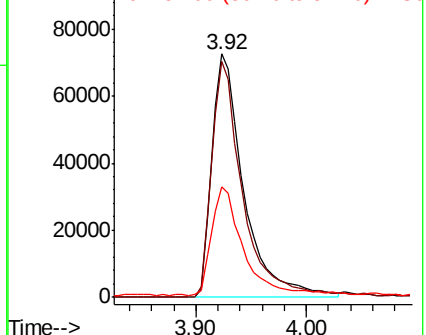
79 100

52 97.0 74.2 111.2

51 45.5 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 43.400 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

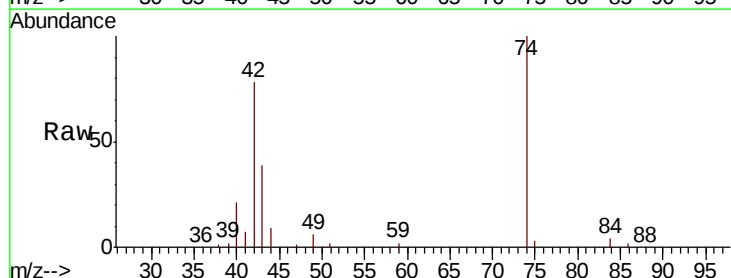
Tgt Ion: 42 Resp: 59025

Ion Ratio Lower Upper

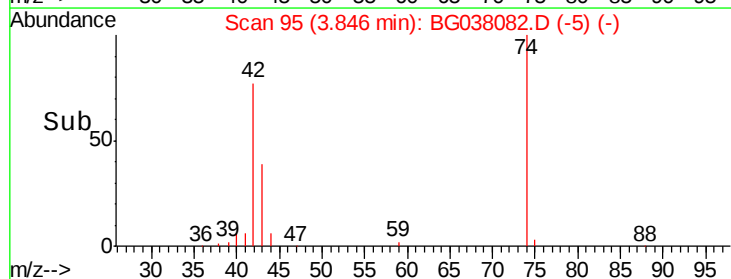
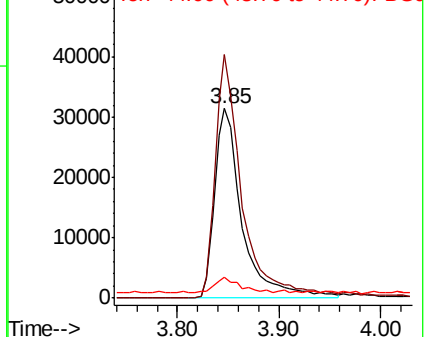
42 100

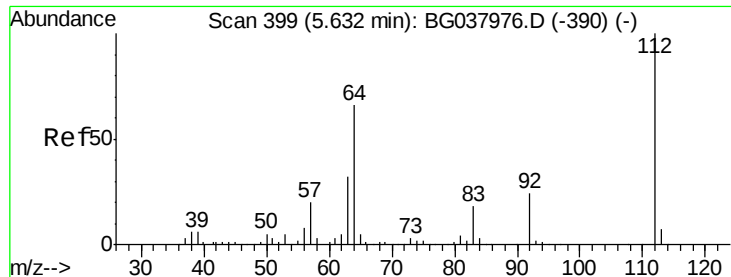
74 128.6 102.0 153.0

44 11.2 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: 85.131 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

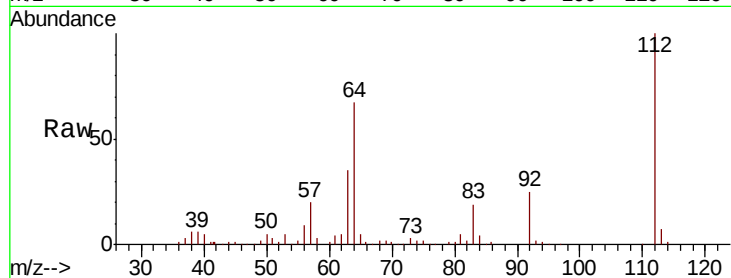
Tot Ion: 112 Resp: 236855

Ion Ratio Lower Upper

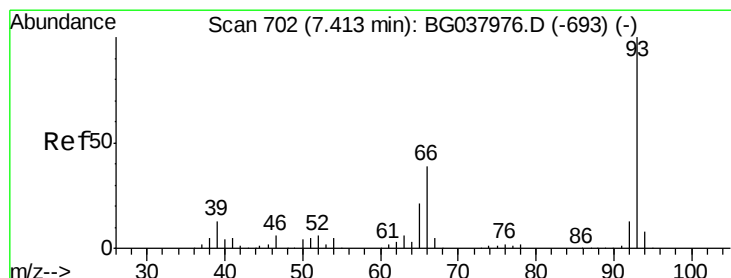
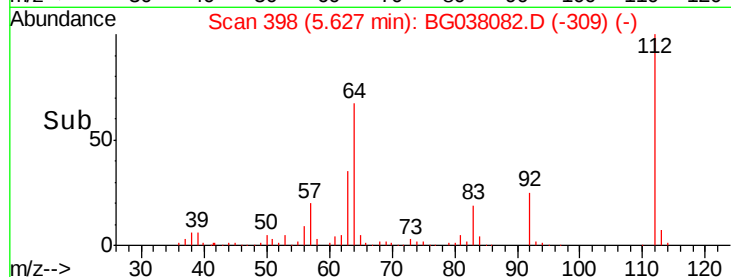
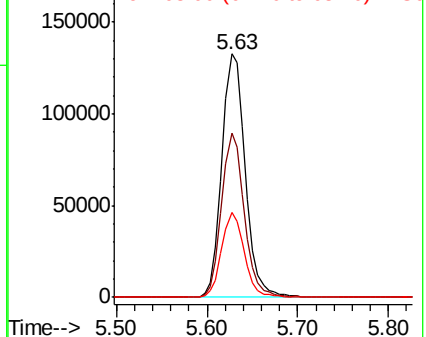
112 100

64 67.5 53.1 79.7

63 35.0 27.3 40.9



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



#6

Aniline

Concen: 43.145 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

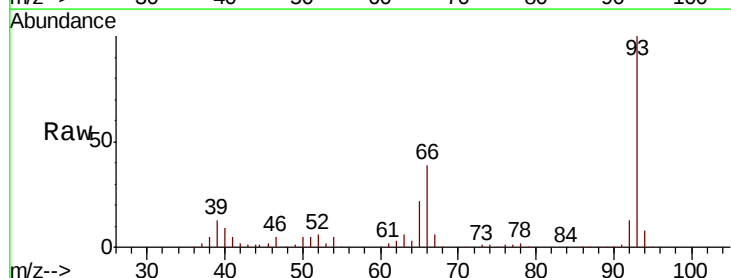
Tgt Ion: 93 Resp: 221151

Ion Ratio Lower Upper

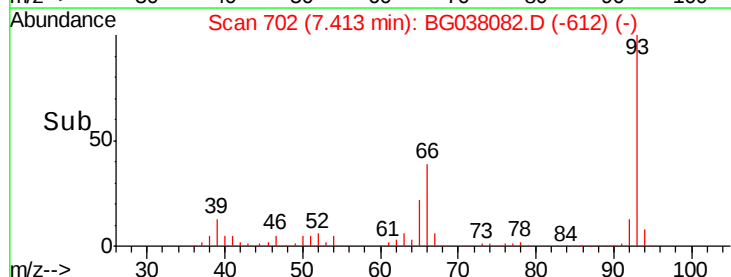
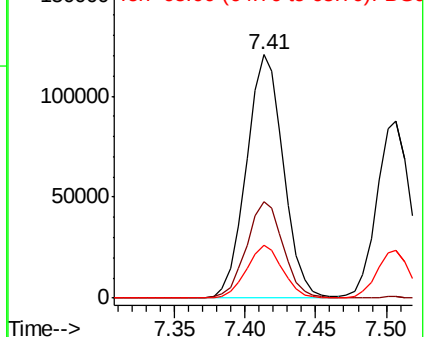
93 100

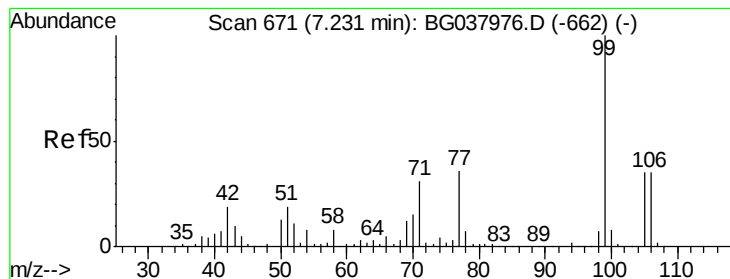
66 39.4 32.8 49.2

65 21.8 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.614 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampled :

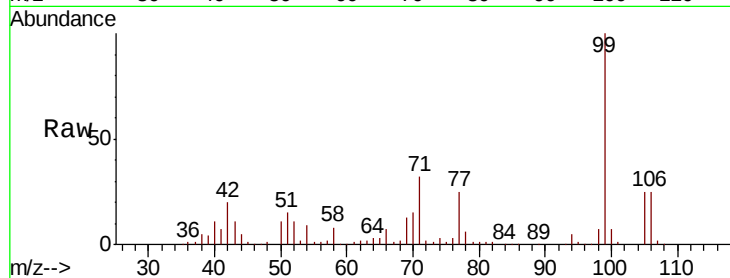
Tot Ion: 99 Resp: 355898

Ion Ratio Lower Upper

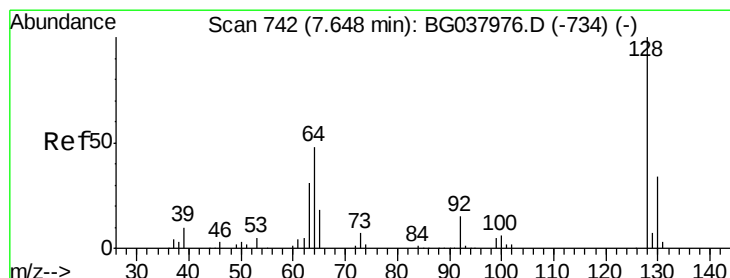
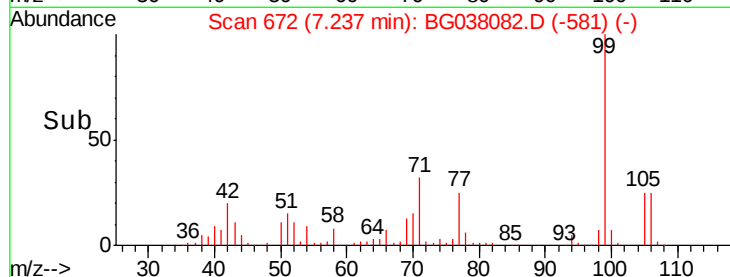
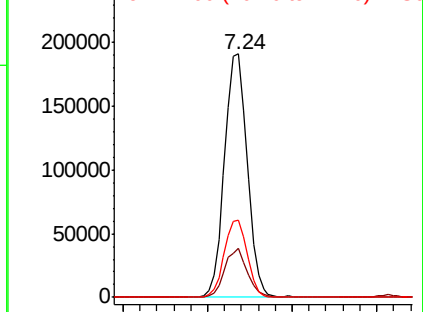
99 100

42 20.3 15.0 22.4

71 31.6 25.5 38.3



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



#8

2-Chlorophenol

Concen: 43.115 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

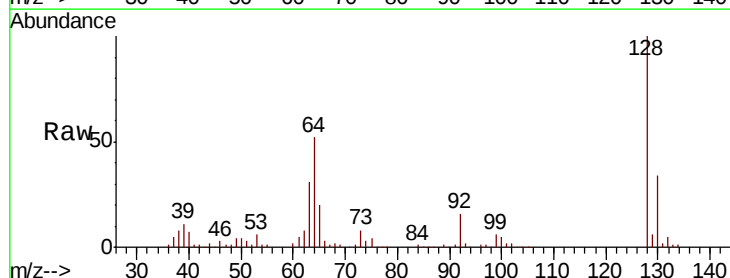
Tgt Ion: 128 Resp: 139189

Ion Ratio Lower Upper

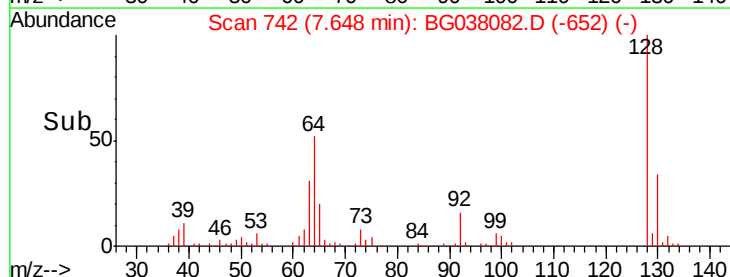
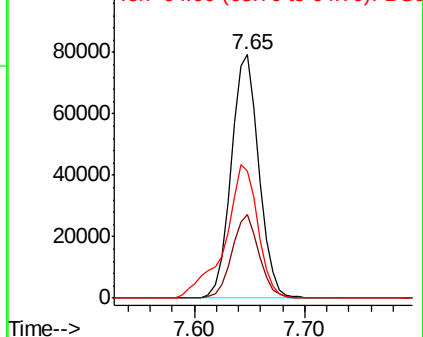
128 100

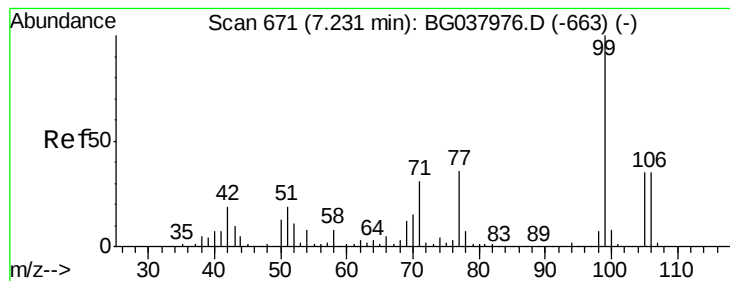
130 34.5 12.0 52.0

64 52.3 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: 40.303 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

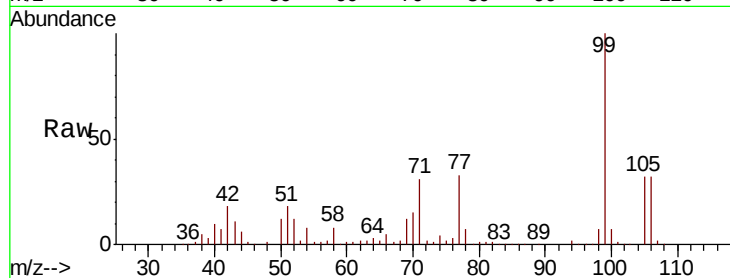
Tot Ion: 77 Resp: 115753

Ion Ratio Lower Upper

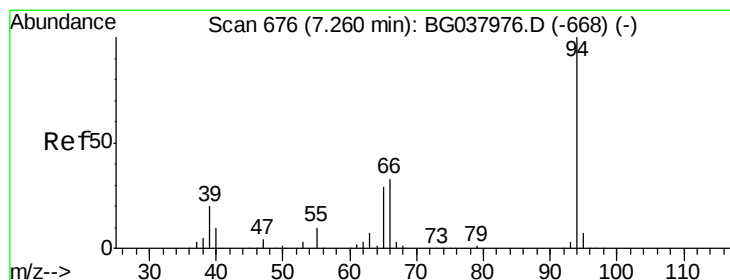
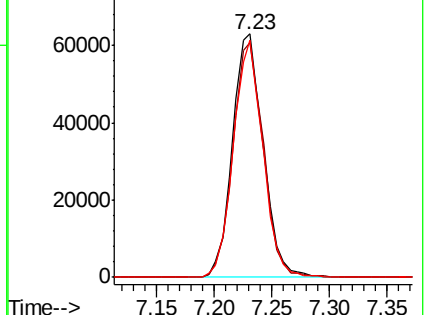
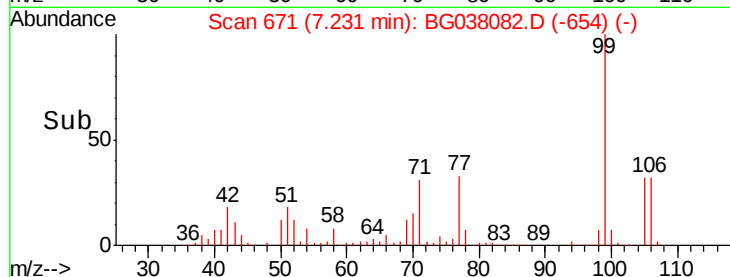
77 100

105 96.6 72.6 112.6

106 97.3 71.3 111.3



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



#10

Phenol

Concen: 45.108 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

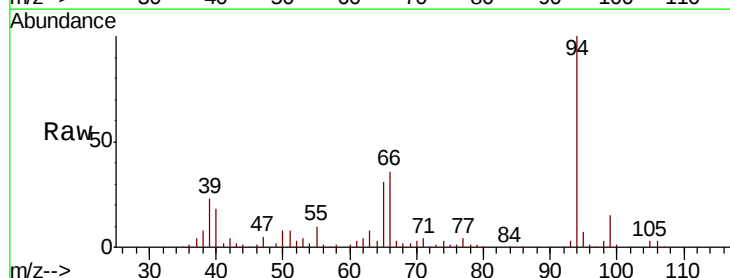
Tgt Ion: 94 Resp: 189755

Ion Ratio Lower Upper

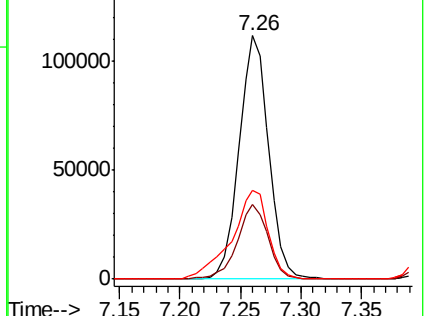
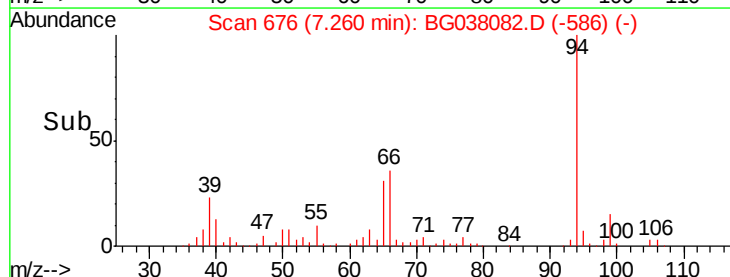
94 100

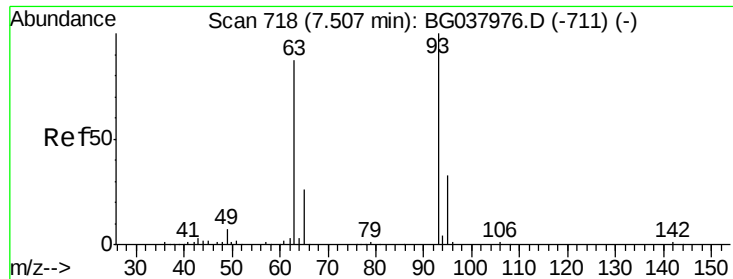
65 30.6 9.7 49.7

66 36.4 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

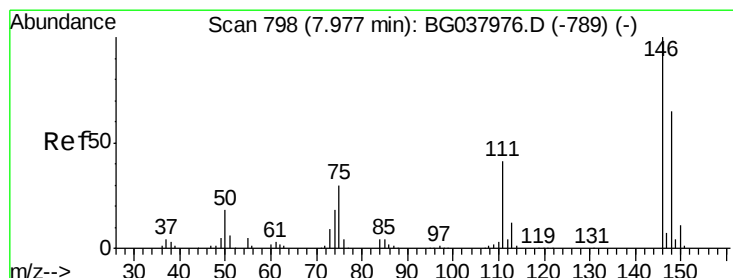
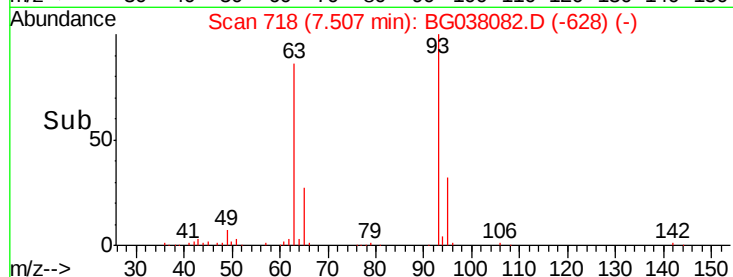
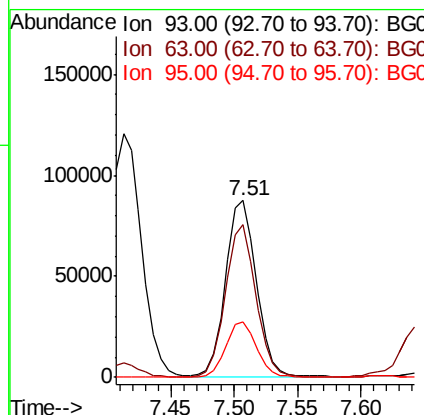
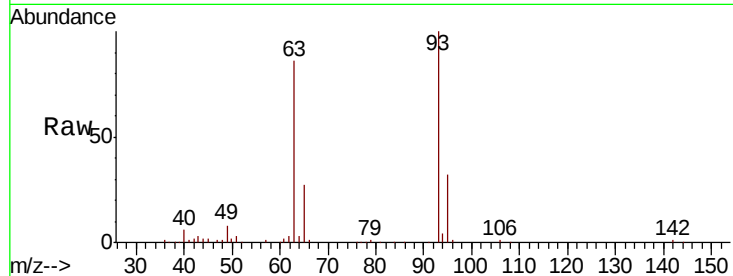




#11
bis(2-Chloroethyl)ether
Concen: 43.171 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

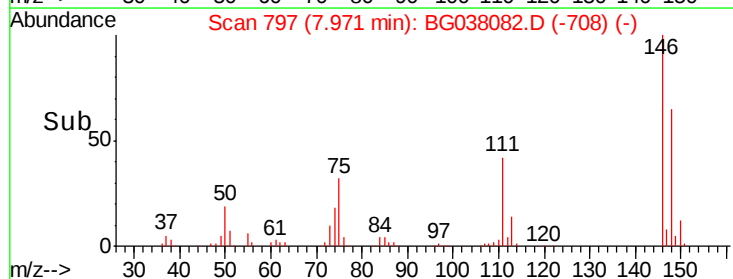
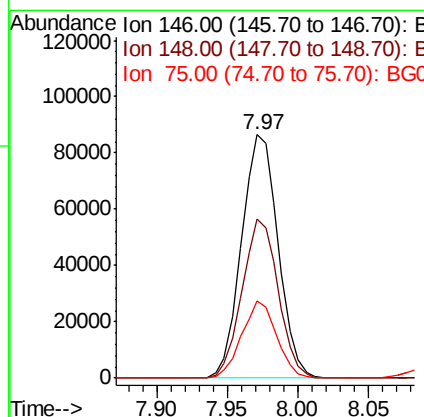
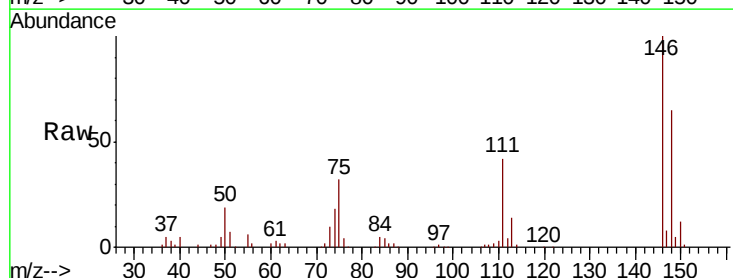
Instrument :
BNA_G
ClientSampleId :

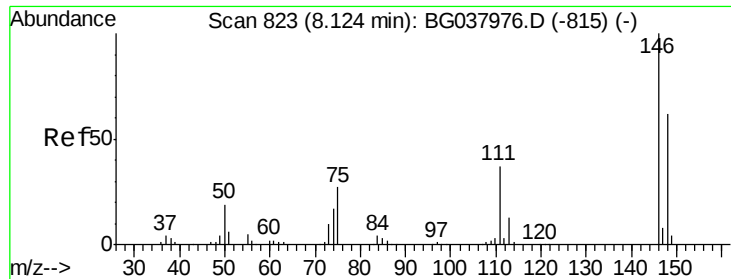
Tot Ion: 93 Resp: 148260
Ion Ratio Lower Upper
93 100
63 86.4 69.5 109.5
95 31.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.149 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion: 146 Resp: 156757
Ion Ratio Lower Upper
146 100
148 65.4 49.8 74.8
75 31.8 23.2 34.8

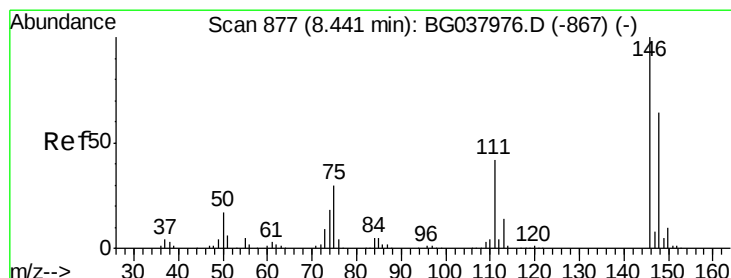
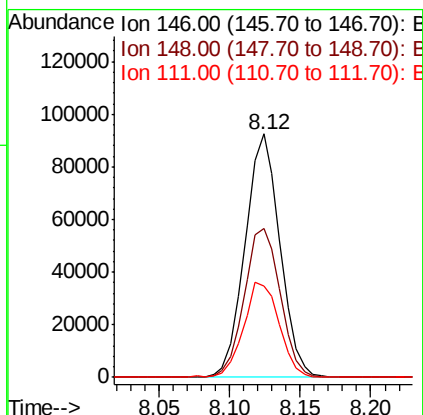
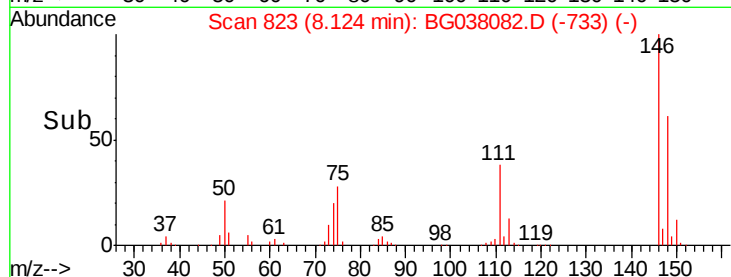
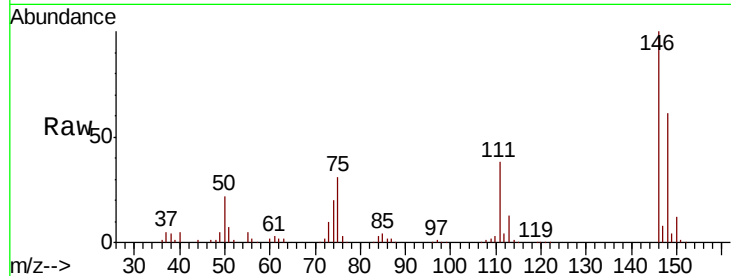




#13
 1,4-Dichlorobenzene
 Concen: 42.605 ng
 RT: 8.12 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

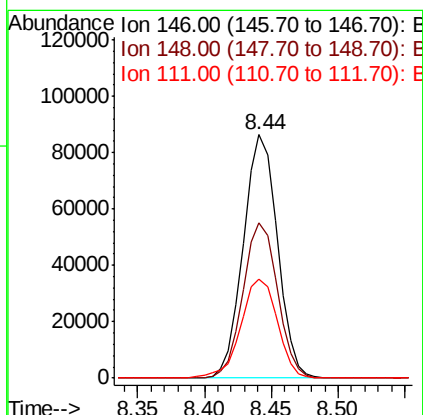
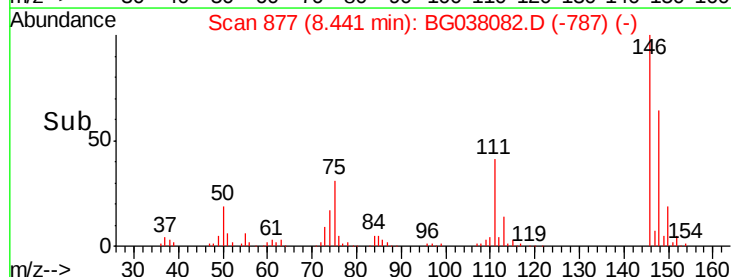
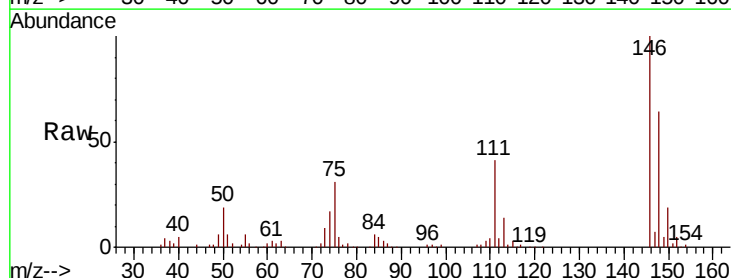
Instrument :
 BNA_G
 ClientSampleId :

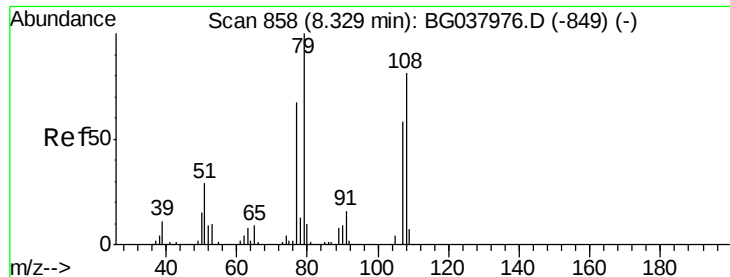
Tot Ion:146 Resp: 160060
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.0 76.6
 111 37.7 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 42.399 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion:146 Resp: 152078
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 40.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 47.149 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampled :

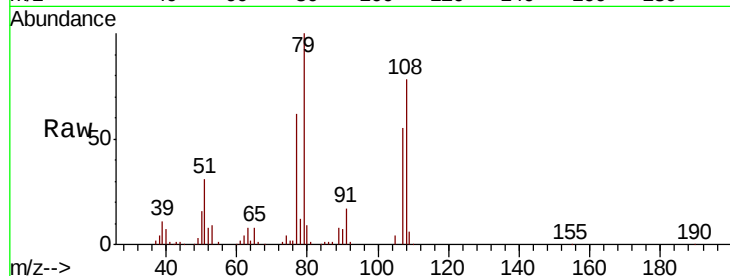
Tot Ion: 79 Resp: 135492

Ion Ratio Lower Upper

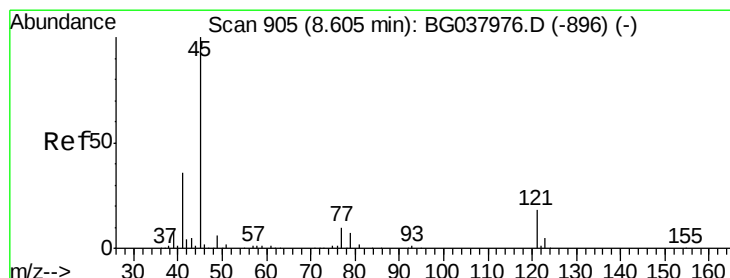
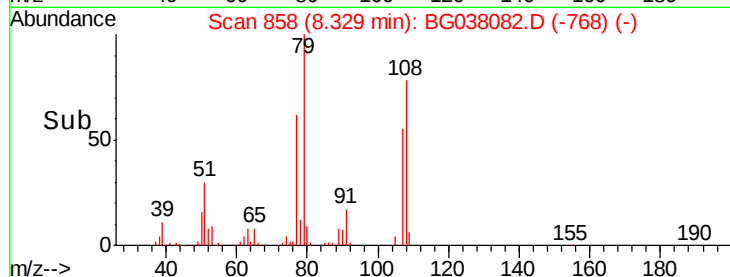
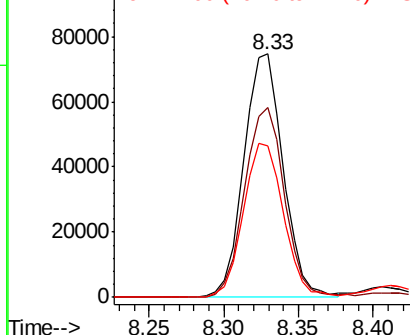
79 100

108 78.2 65.8 98.8

77 62.2 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.861 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

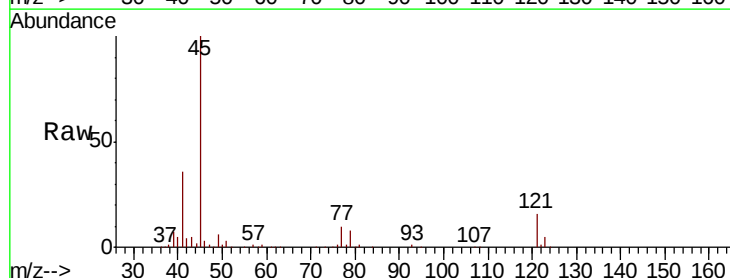
Tgt Ion: 45 Resp: 286082

Ion Ratio Lower Upper

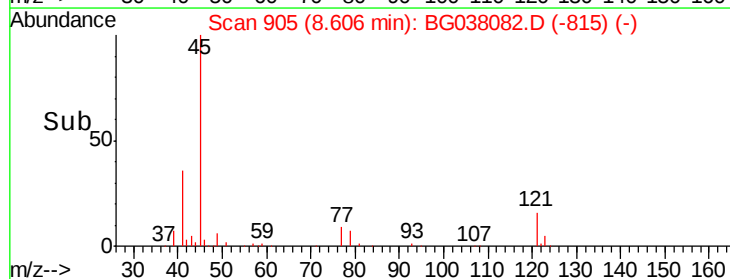
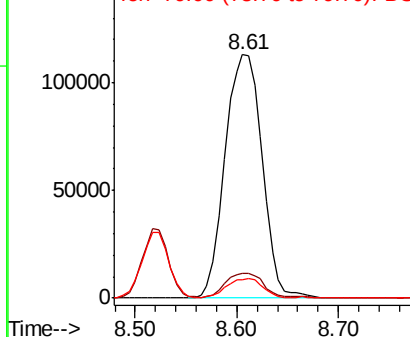
45 100

77 10.0 0.0 30.0

79 7.6 0.0 29.0



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

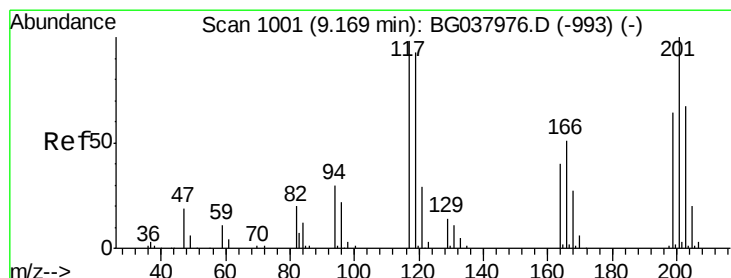
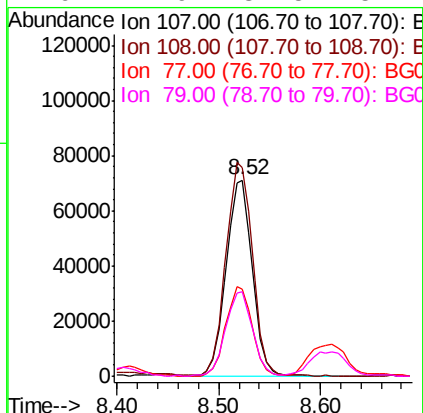
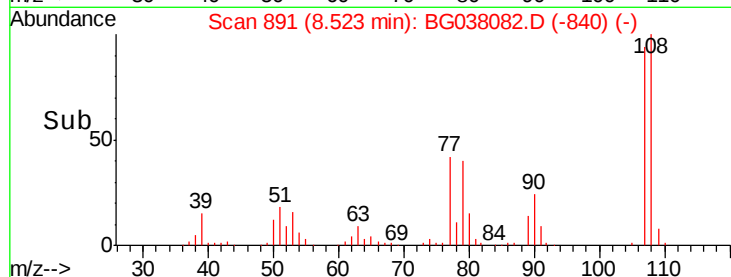
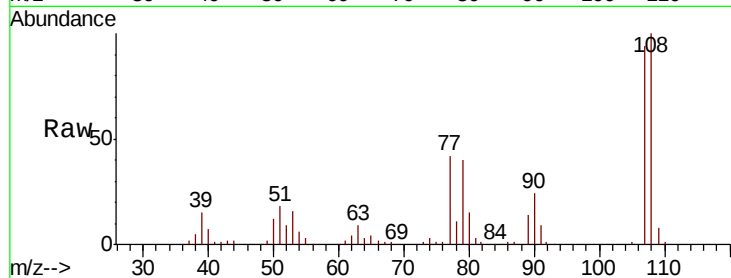




#17
2-Methylphenol
Concen: 44.718 ng
RT: 8.52 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

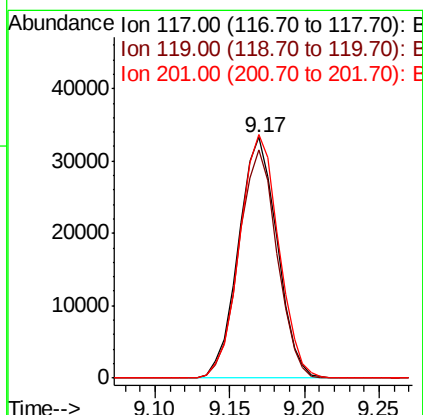
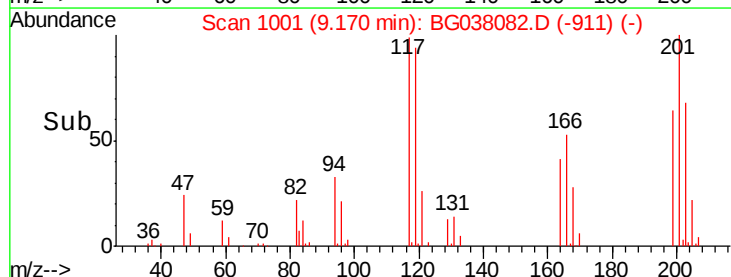
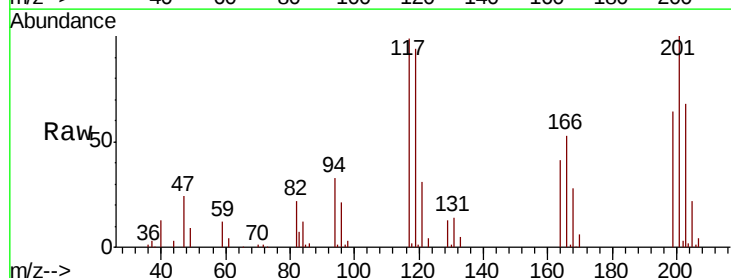
Instrument :
BNA_G
ClientSampled :

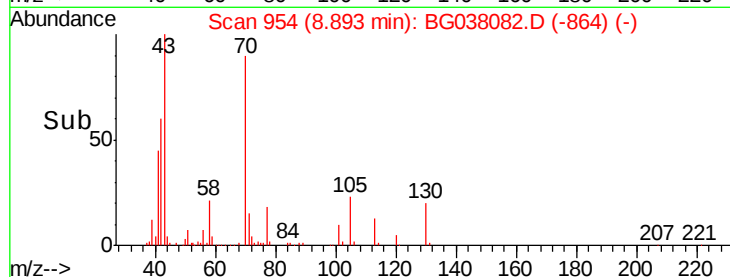
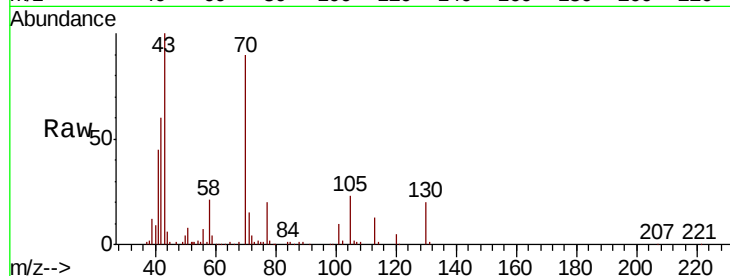
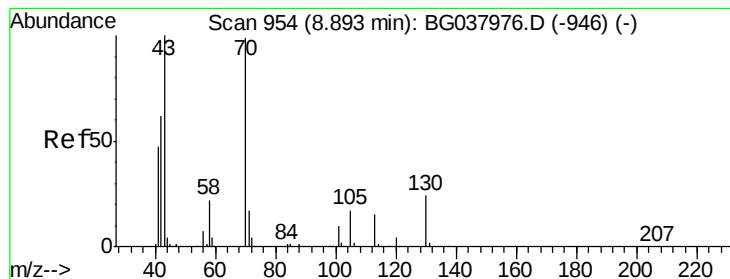
Tot Ion	Ratio	Lower	Upper
107	100		
108	106.2	87.9	131.9
77	44.3	35.1	52.7
79	42.9	34.5	51.7



#18
Hexachloroethane
Concen: 43.687 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.6	111.8
201	101.2	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.093 ng

RT: 8.89 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 123835

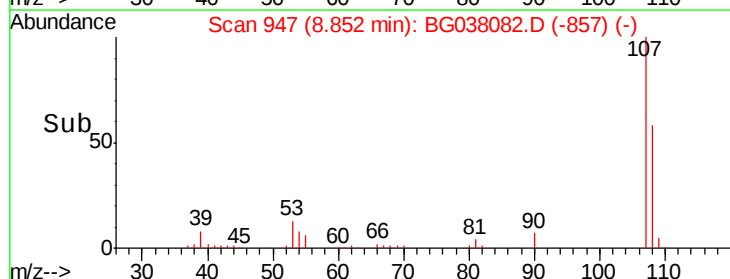
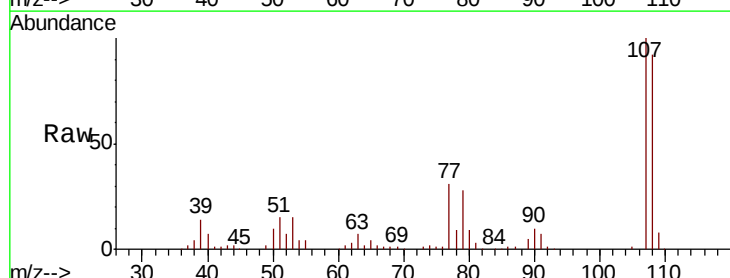
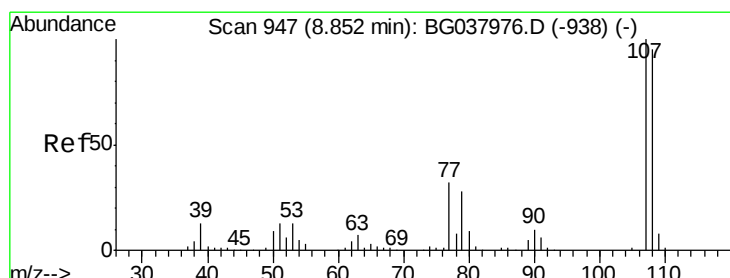
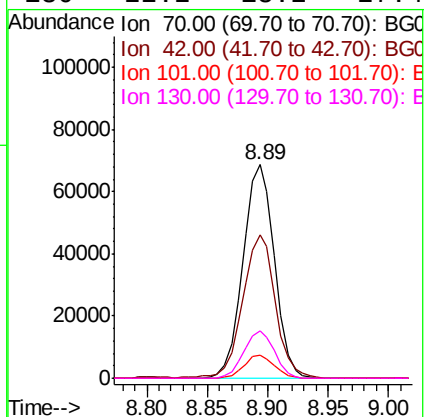
Ion Ratio Lower Upper

70 100

42 67.1 53.9 80.9

101 10.7 8.2 12.2

130 22.2 18.2 27.4



#20

3+4-Methylphenols

Concen: 44.649 ng

RT: 8.85 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Tgt Ion:107 Resp: 180012

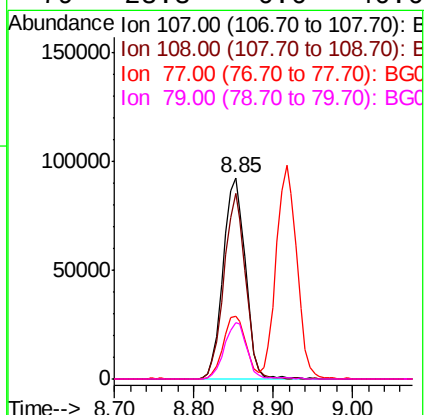
Ion Ratio Lower Upper

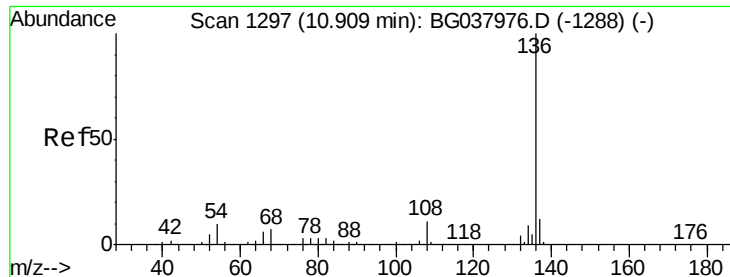
107 100

108 92.2 69.9 109.9

77 31.0 11.2 51.2

79 28.3 6.6 46.6

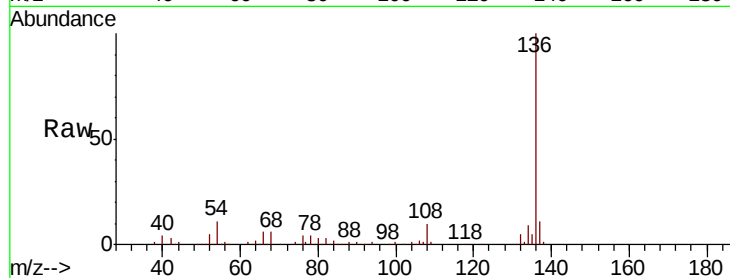




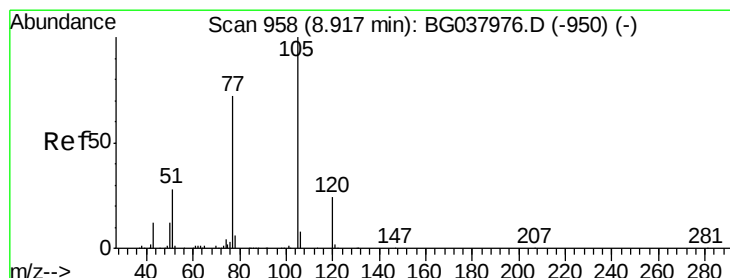
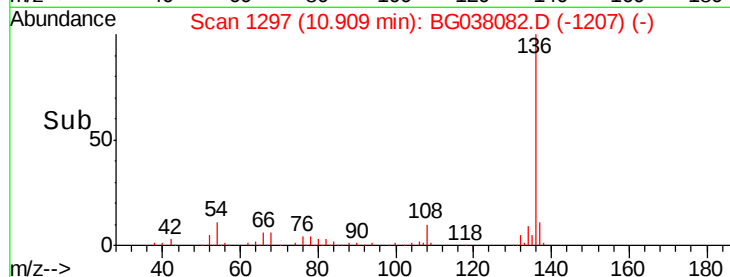
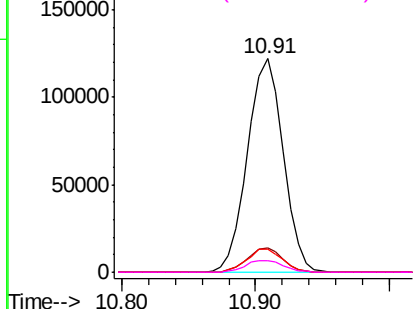
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	225204
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.6 14.4
54	10.6	7.9 11.9
68	5.6	4.8 7.2

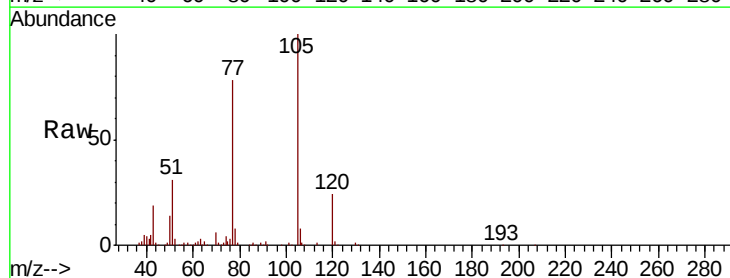


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

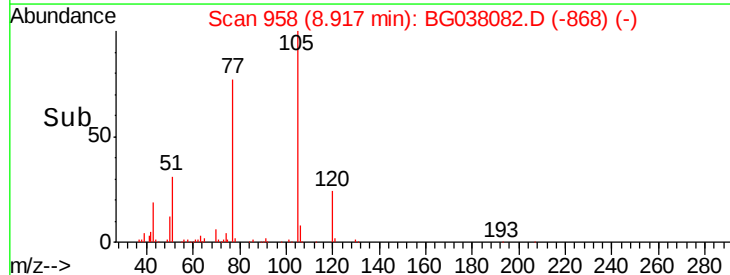
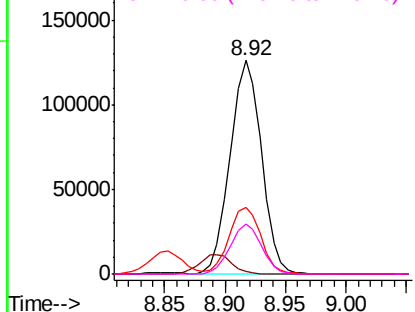


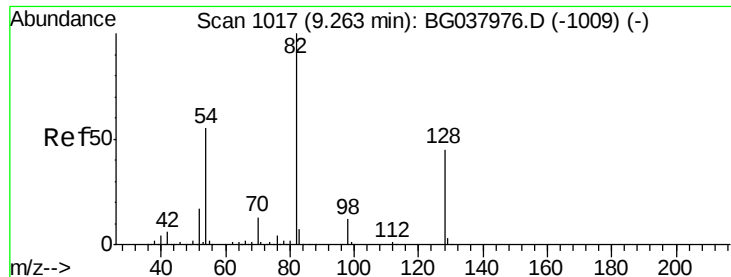
#22
Acetophenone
Concen: 40.933 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion:105	Resp:	229356
Ion Ratio	Lower	Upper
105	100	
71	1.1	1.2 1.8#
51	31.1	25.0 37.6
120	23.6	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: 83.013 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampled :

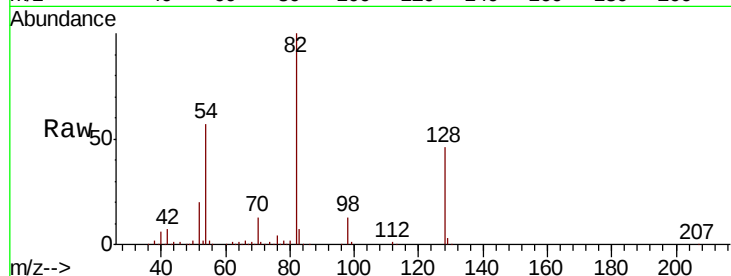
Tot Ion: 82 Resp: 349238

Ion Ratio Lower Upper

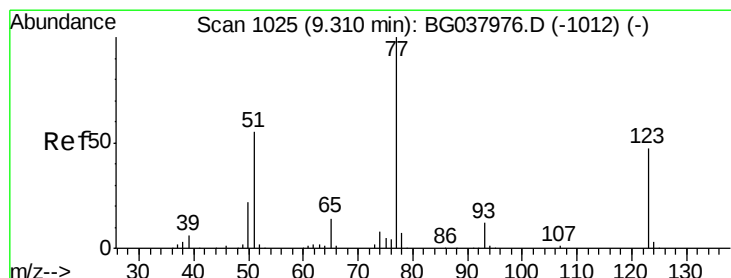
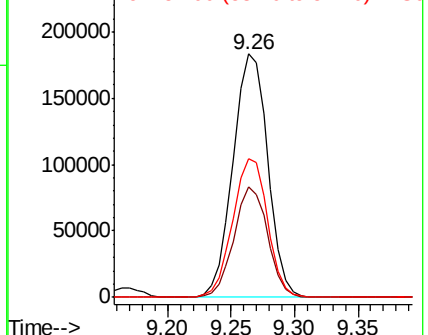
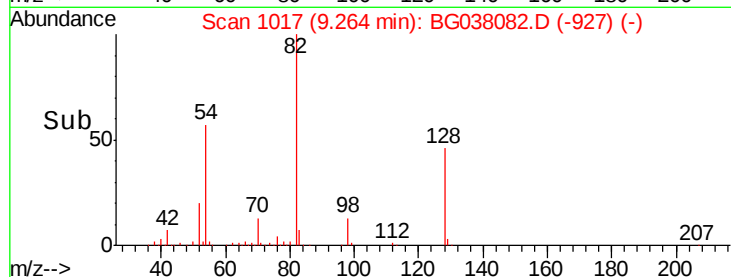
82 100

128 45.6 34.6 51.8

54 57.0 45.3 67.9



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



#24

Nitrobenzene

Concen: 41.179 ng

RT: 9.31 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

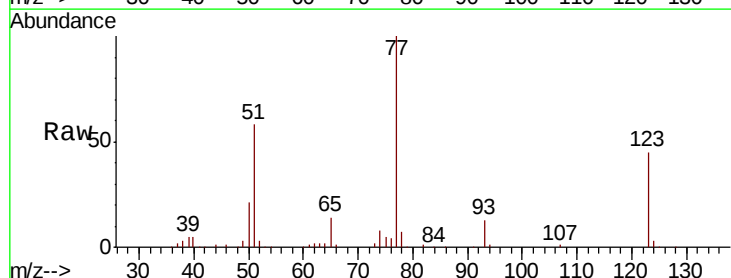
Tgt Ion: 77 Resp: 177219

Ion Ratio Lower Upper

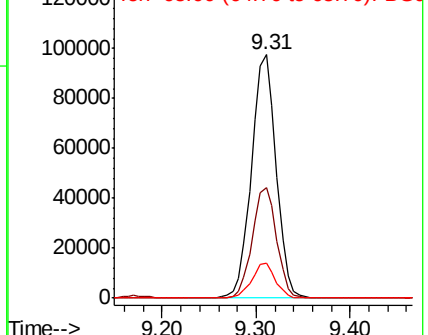
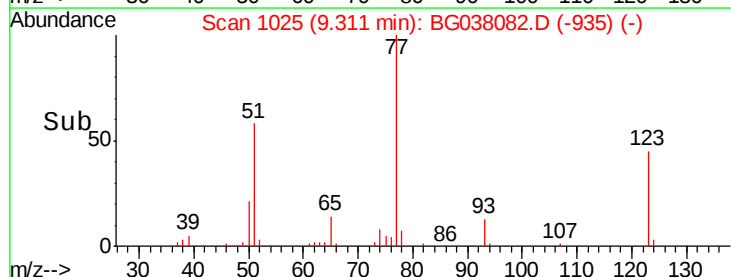
77 100

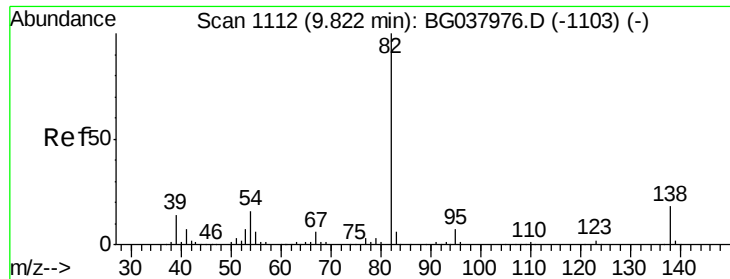
123 45.5 33.6 50.4

65 14.1 11.3 16.9



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

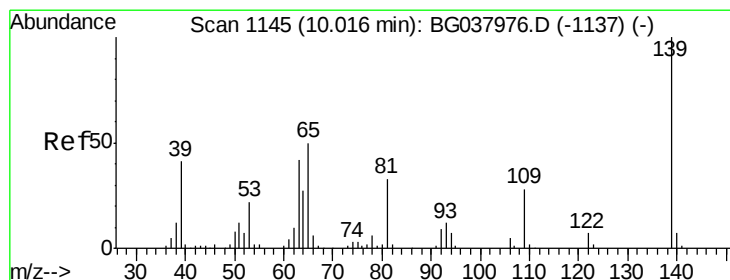
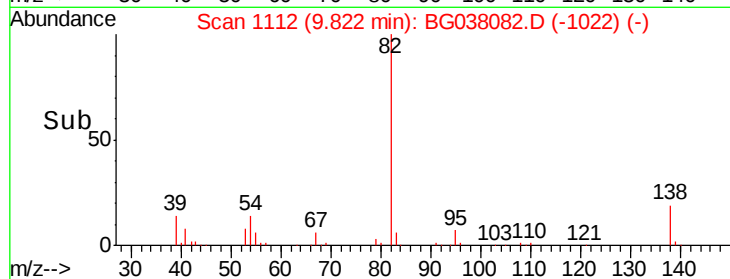
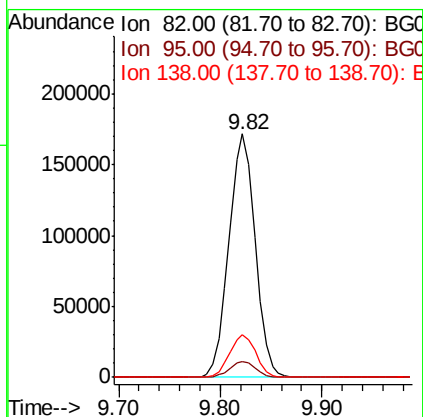
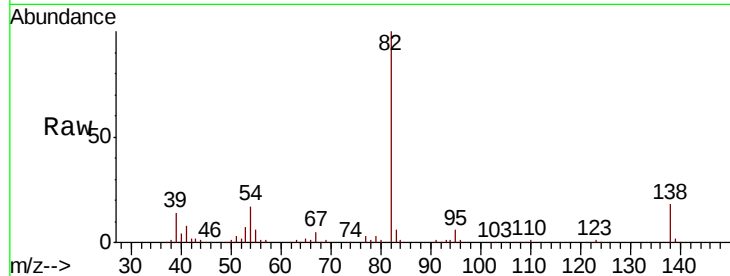




#25
Isophorone
Concen: 40.801 ng
RT: 9.82 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

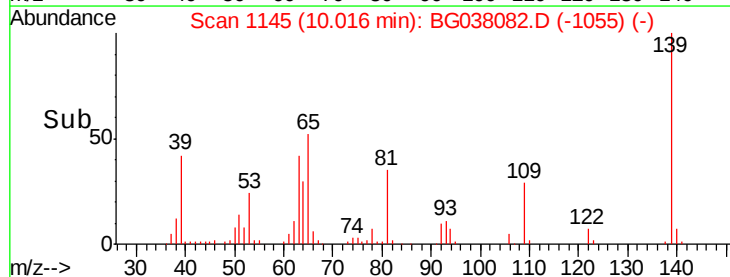
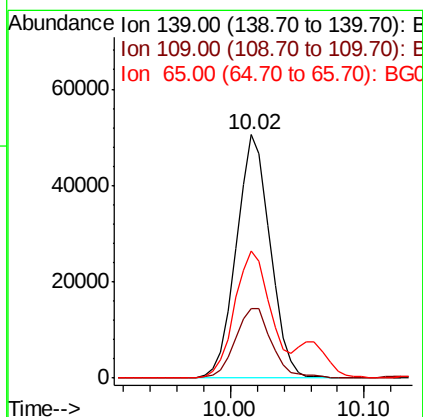
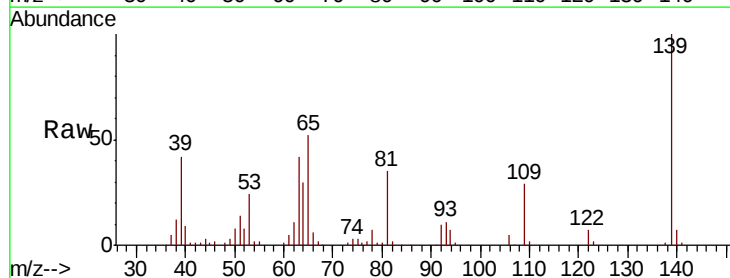
Instrument :
BNA_G
ClientSampleId :

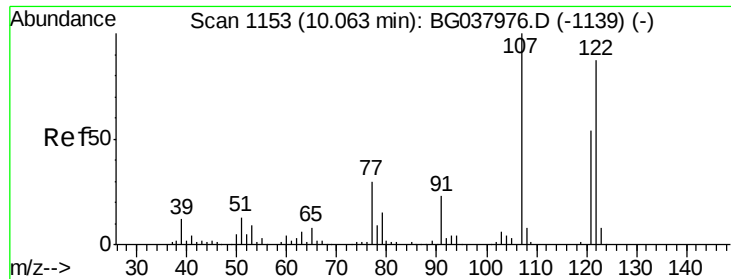
Tot Ion	82	Resp	308954
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	17.6	13.3	19.9



#26
2-Nitrophenol
Concen: 41.235 ng
RT: 10.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion	139	Resp	88592
Ion Ratio	Lower	Upper	
139	100		
109	28.5	23.3	34.9
65	52.1	39.8	59.8

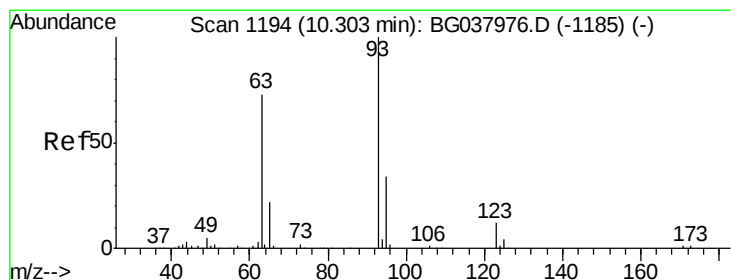
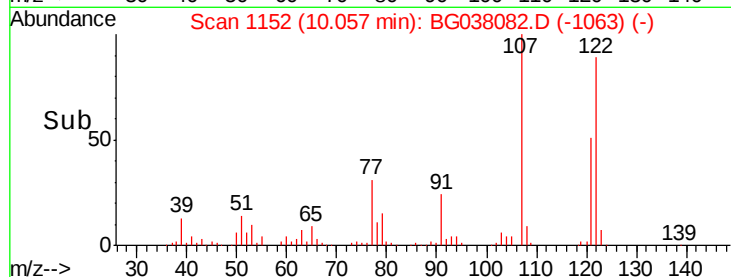
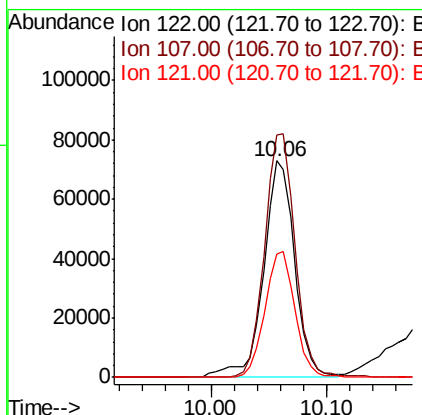
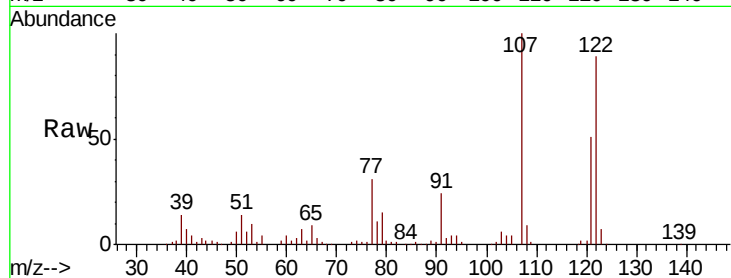




#27
2,4-Dimethylphenol
Concen: 42.239 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

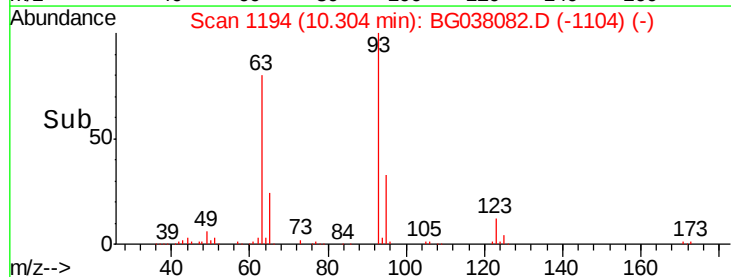
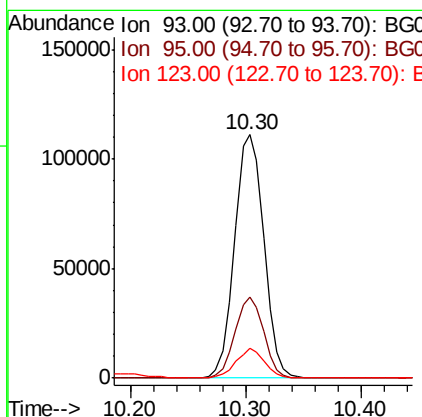
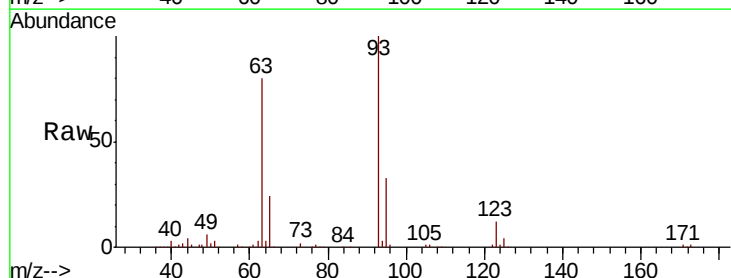
Instrument :
BNA_G
ClientSampled :

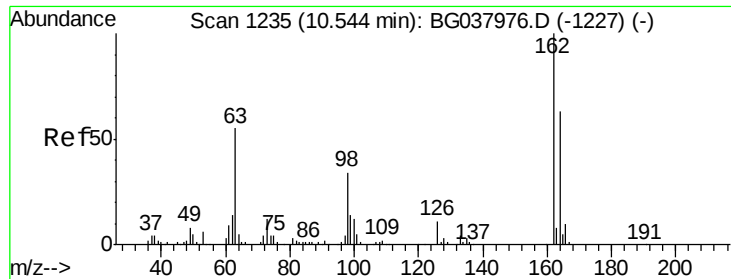
Tot Ion:122 Resp: 136730
Ion Ratio Lower Upper
122 100
107 112.1 94.2 141.2
121 56.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.282 ng
RT: 10.30 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion: 93 Resp: 195047
Ion Ratio Lower Upper
93 100
95 33.1 24.6 37.0
123 12.2 9.1 13.7

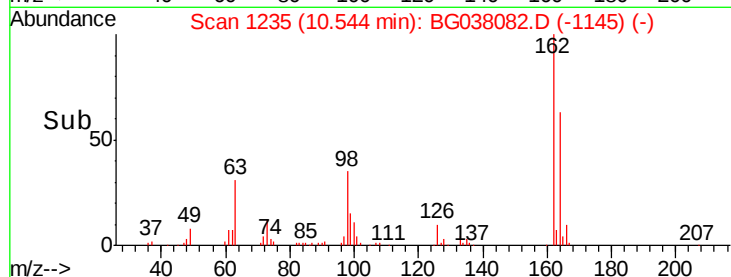
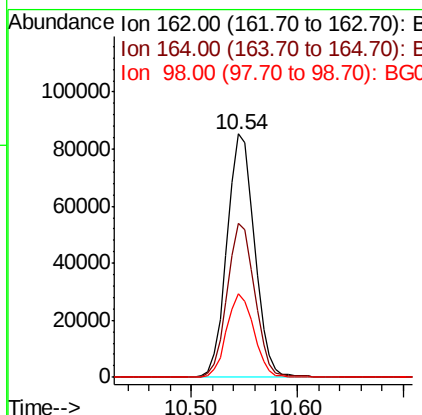
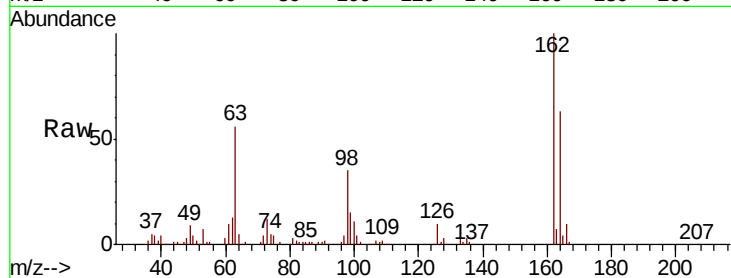




#29
 2,4-Dichlorophenol
 Concen: 42.378 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

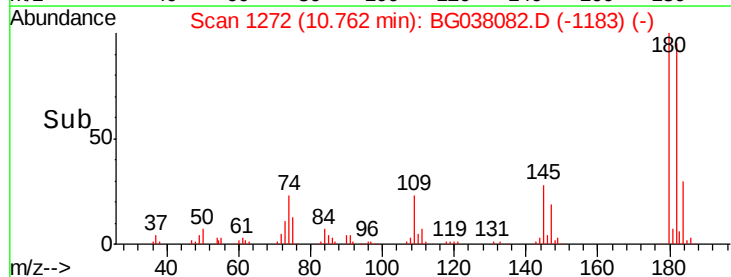
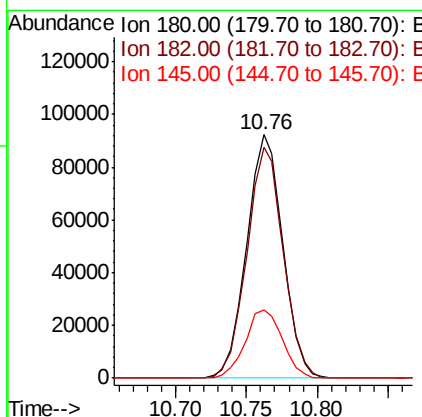
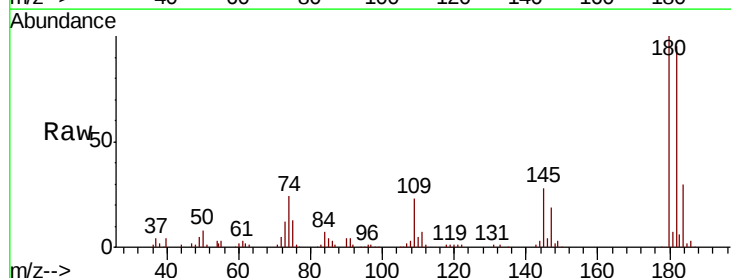
Instrument :
 BNA_G
 ClientSampled :

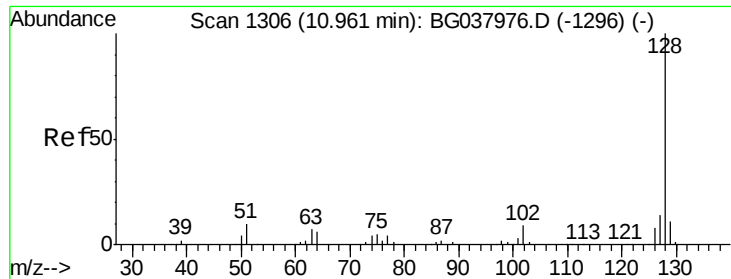
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.2	83.2
98	34.6	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.418 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.7	116.5
145	28.1	23.3	34.9

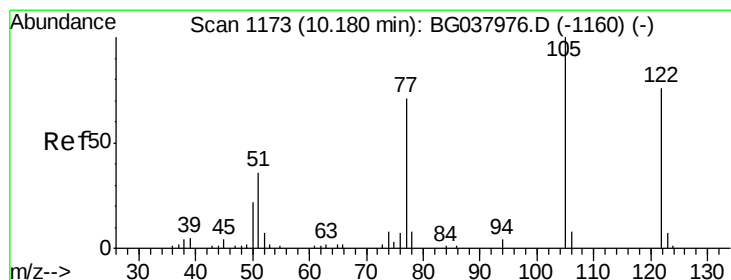
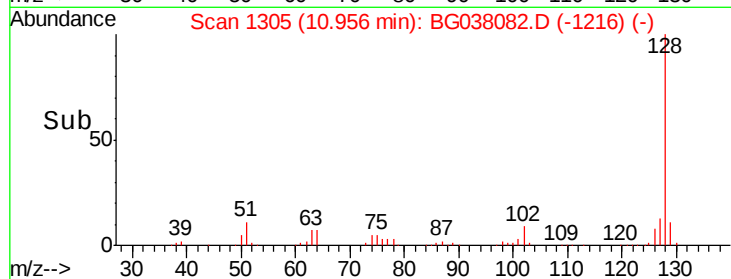
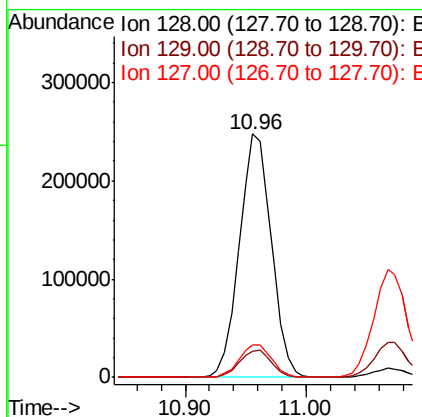
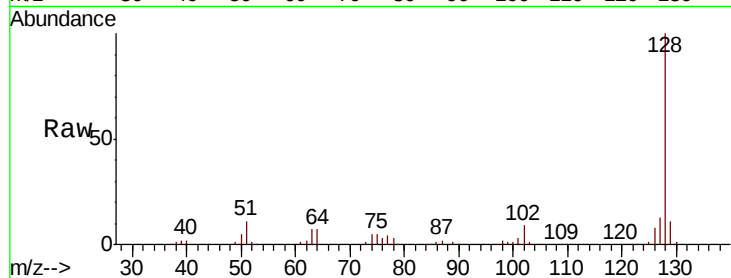




#31
Naphthalene
Concen: 41.242 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

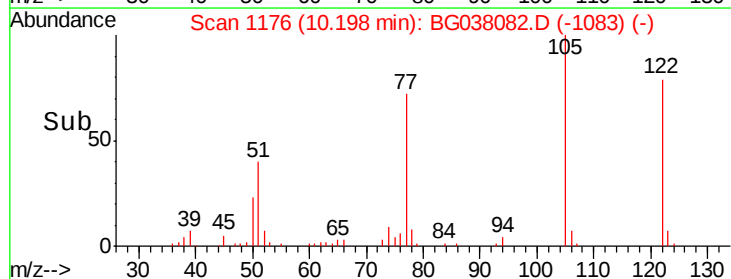
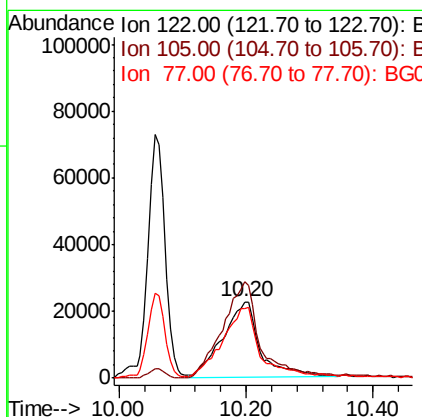
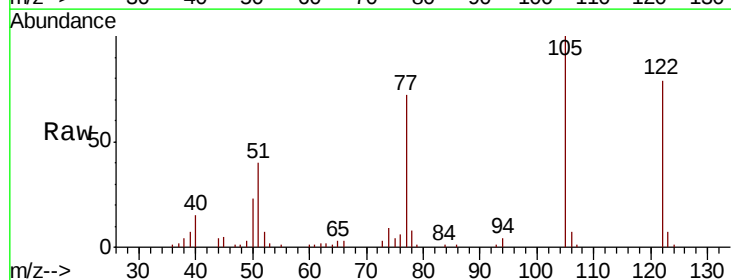
Instrument :
BNA_G
ClientSampleId :

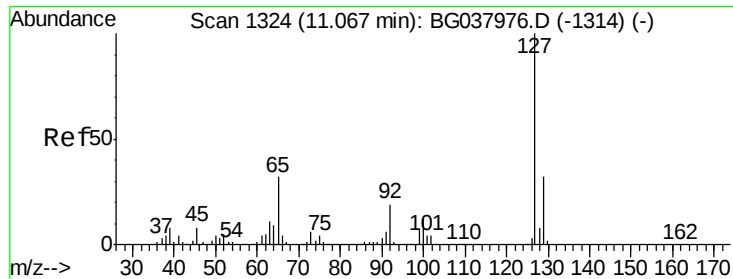
Tot Ion:128 Resp: 456820
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 44.661 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion:122 Resp: 90683
Ion Ratio Lower Upper
122 100
105 126.6 106.7 146.7
77 91.7 72.2 112.2

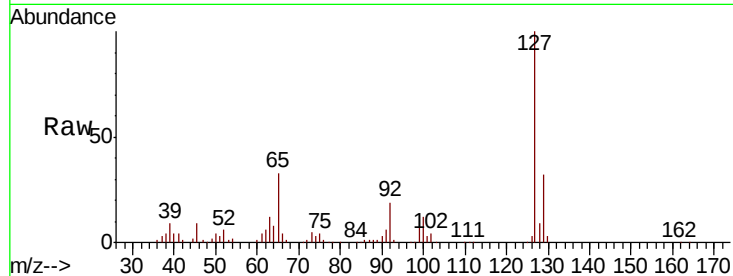




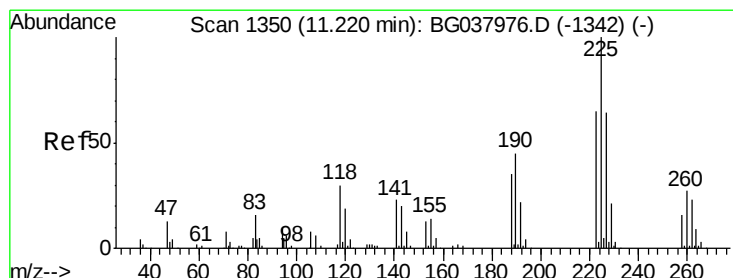
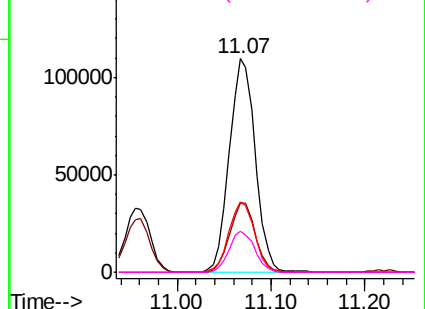
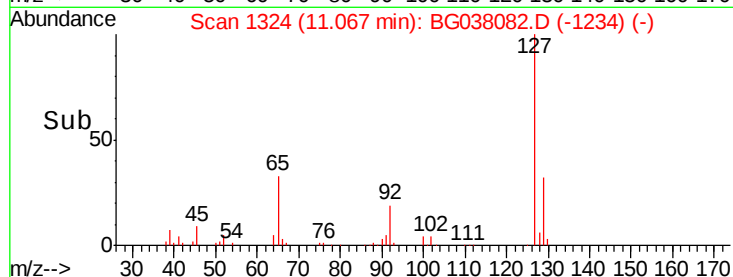
#33
4-Chloroaniline
Concen: 40.697 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	209689
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.1	40.7
65	32.9	26.6	39.8
92	19.0	16.4	24.6

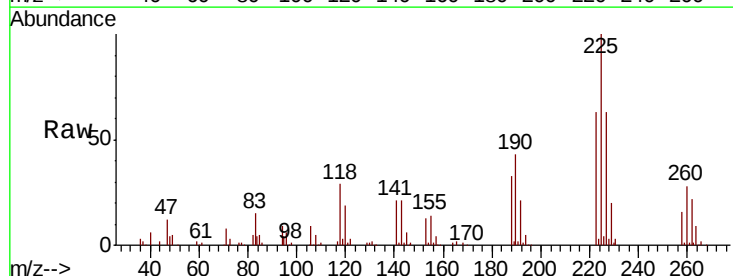


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

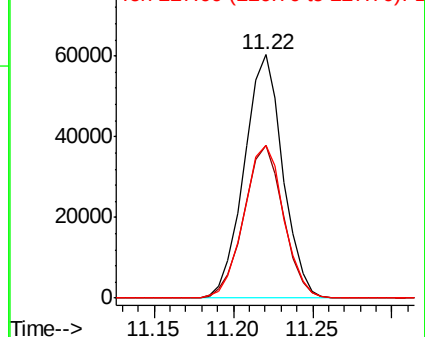
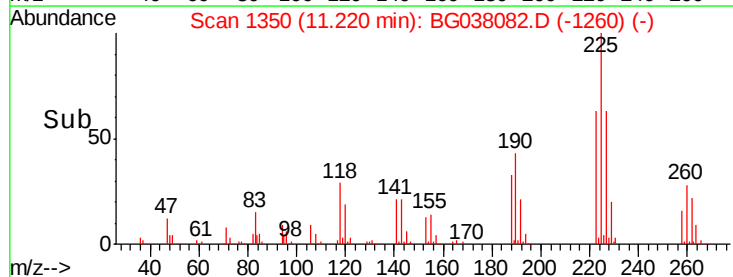


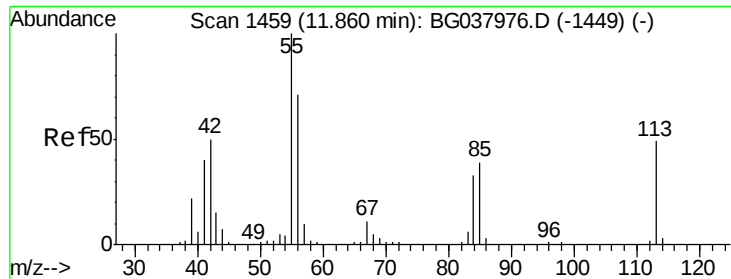
#34
Hexachlorobutadiene
Concen: 40.563 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion:	225	Resp:	101860
Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.2	72.4
227	63.2	51.6	77.4



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

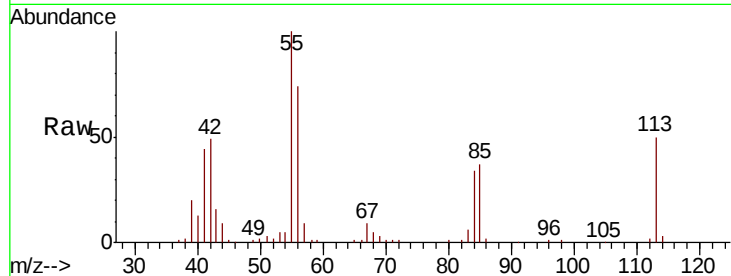




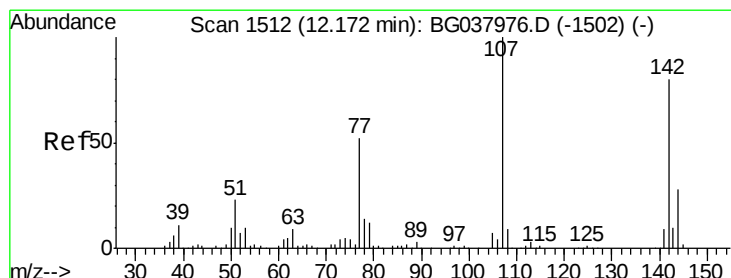
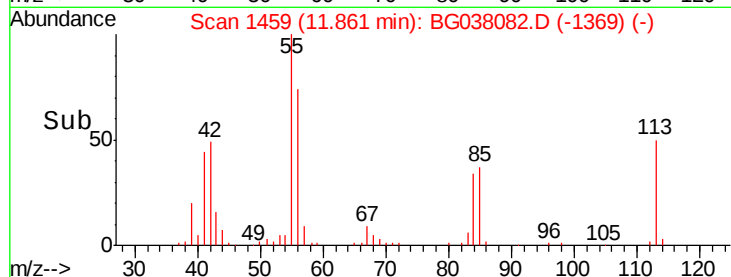
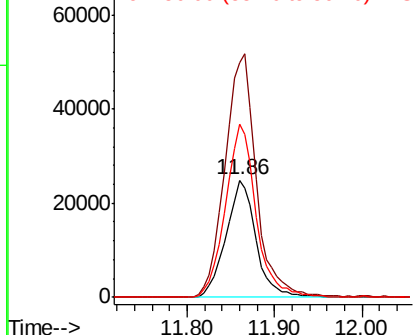
#35
 Caprolactam
 Concen: 39.961 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 58240
 Ion Ratio Lower Upper
 113 100
 55 200.0 176.6 216.6
 56 147.8 128.3 168.3

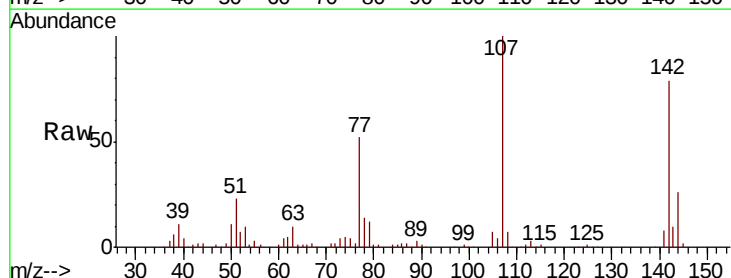


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

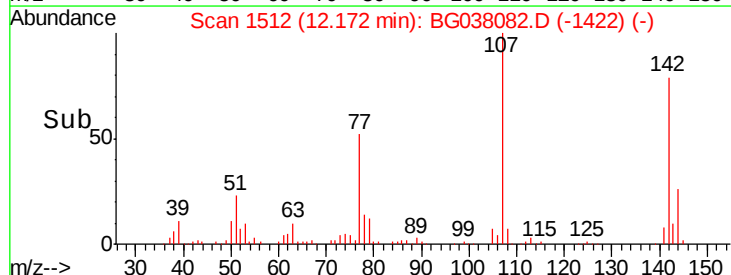
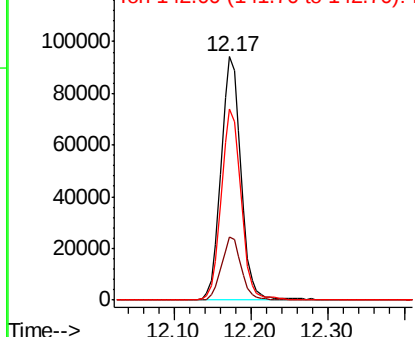


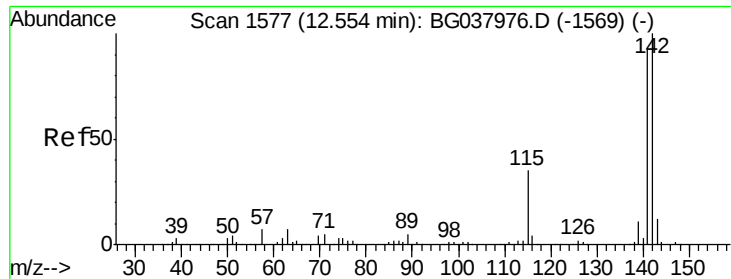
#36
 4-Chloro-3-methylphenol
 Concen: 42.716 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion:107 Resp: 169921
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.7 31.1
 142 78.7 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

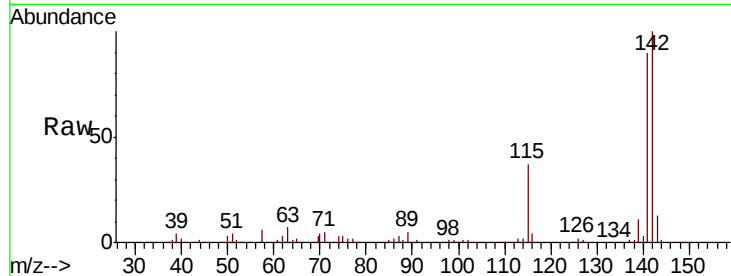




#37
2-Methylnaphthalene
Concen: 40.754 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	36.6	27.8	41.8

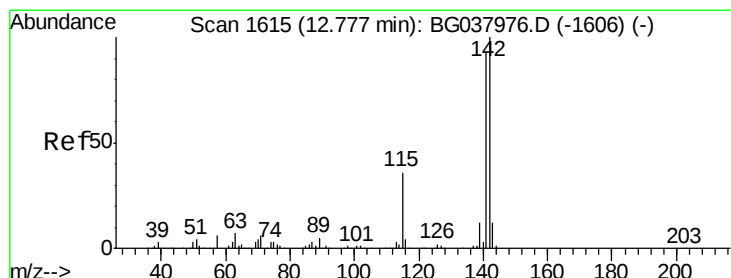
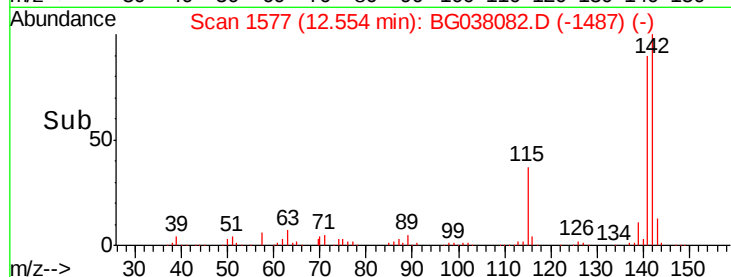
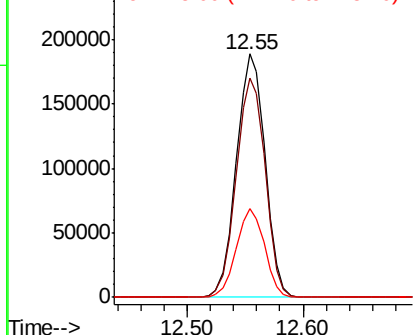


Abundance

Ion 142.00 (141.70 to 142.70): E

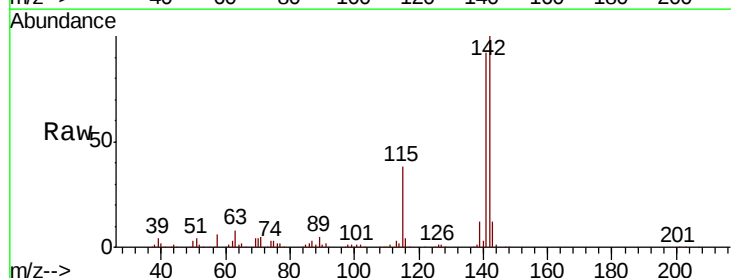
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.002 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.2	112.8
116	4.2	3.3	4.9

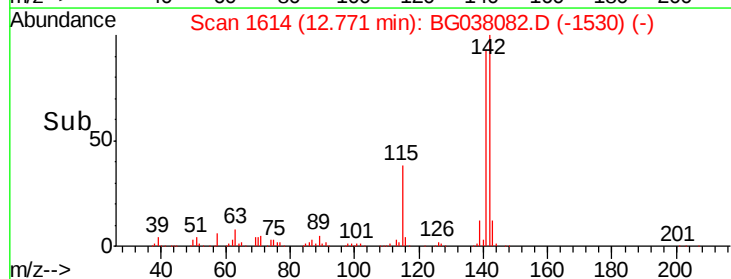
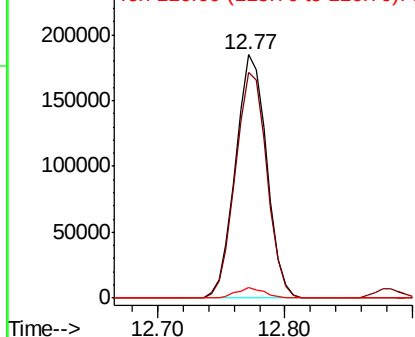


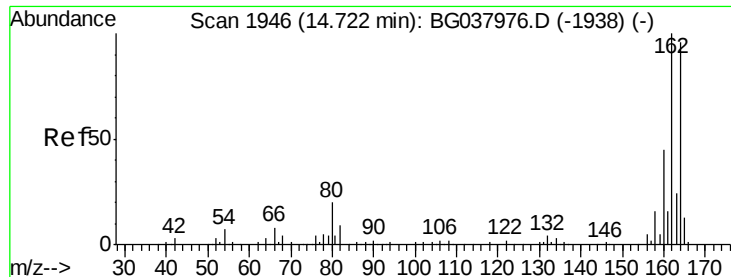
Abundance

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: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampled :

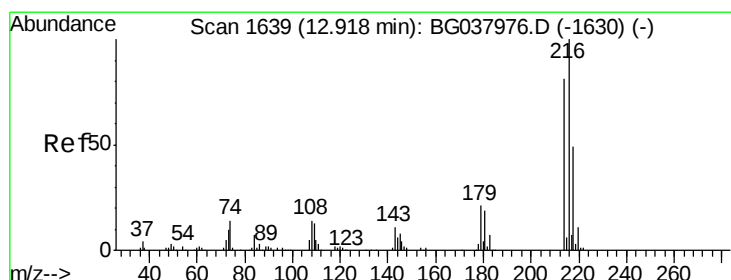
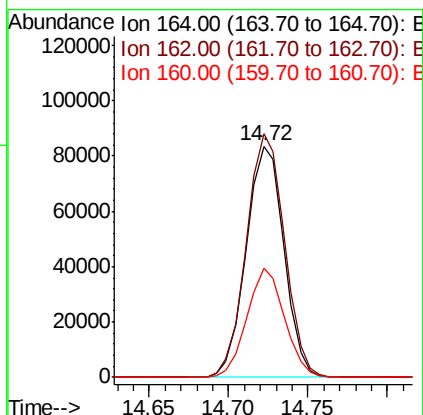
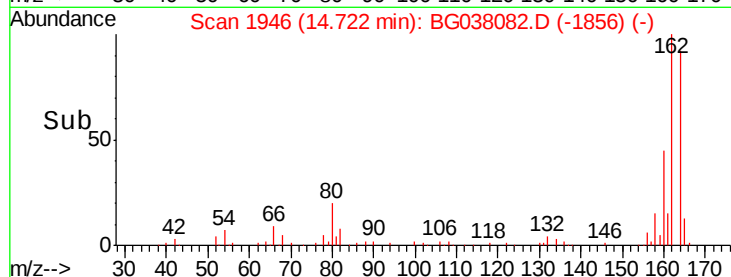
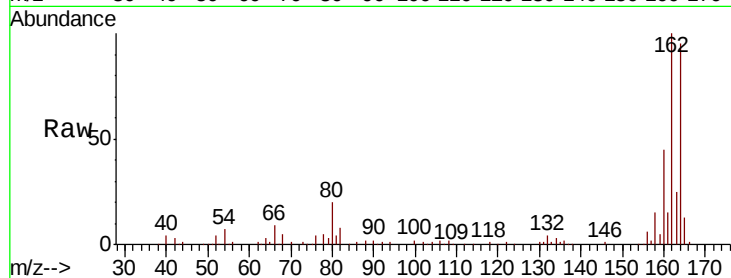
Tot Ion:164 Resp: 138344

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

160 47.2 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.091 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Tgt Ion:216 Resp: 194580

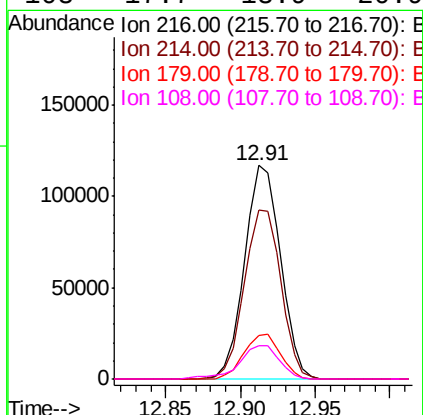
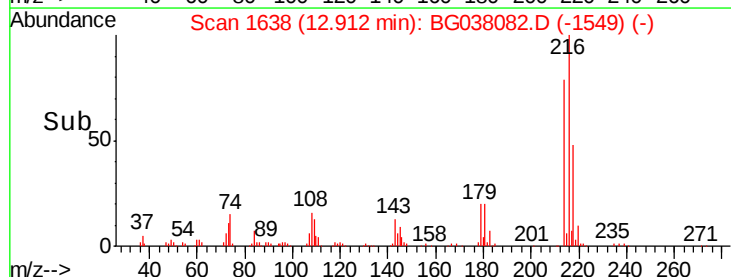
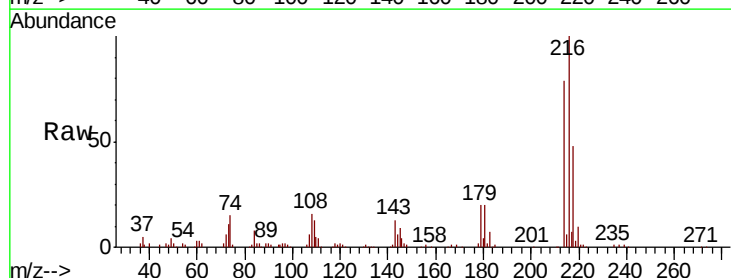
Ion Ratio Lower Upper

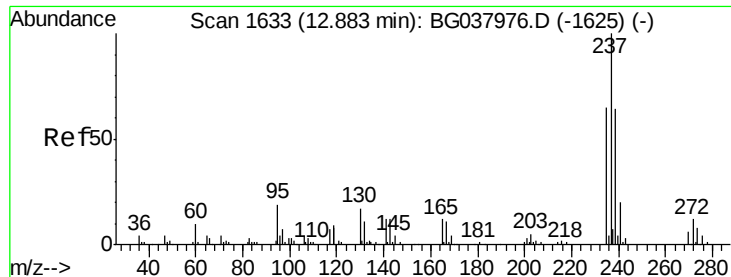
216 100

214 80.6 63.8 95.6

179 21.3 17.4 26.0

108 17.7 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 38.322 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

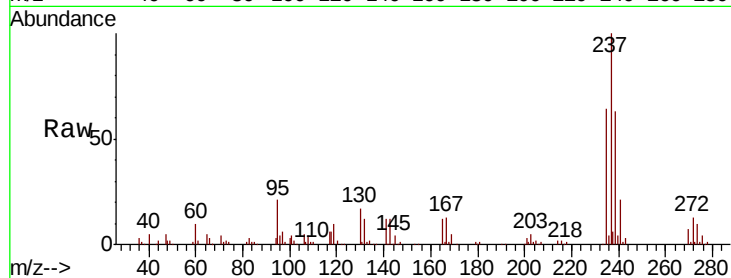
Tot Ion:237 Resp: 94862

Ion Ratio Lower Upper

237 100

235 63.8 42.5 82.5

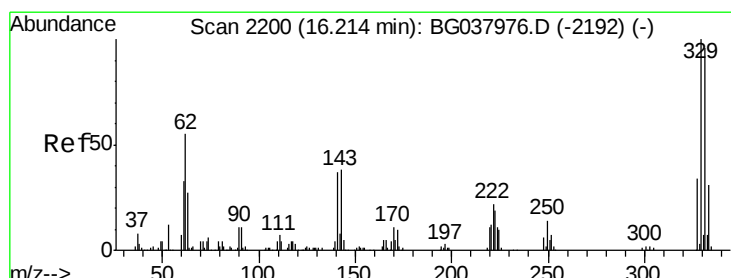
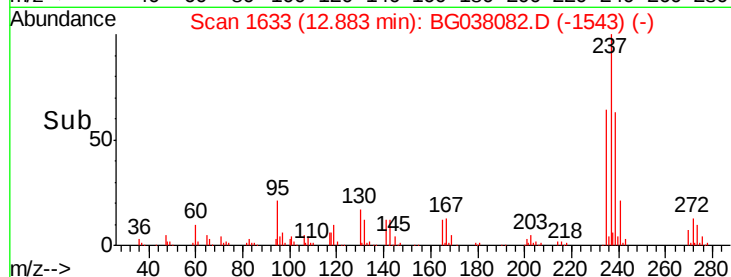
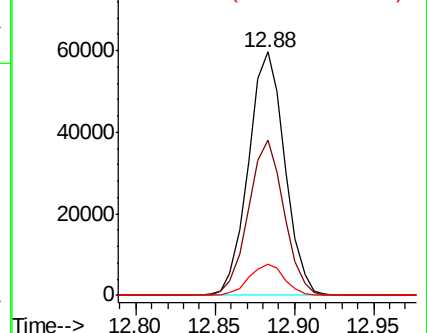
272 12.8 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.987 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

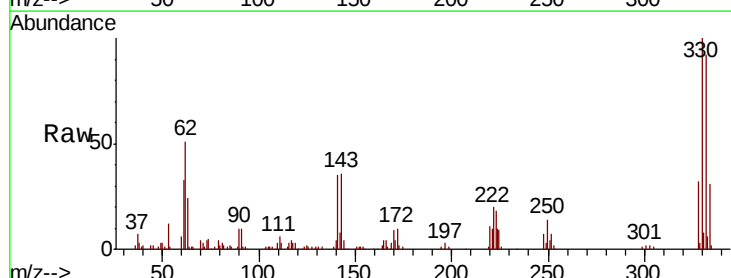
Tgt Ion:330 Resp: 130935

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

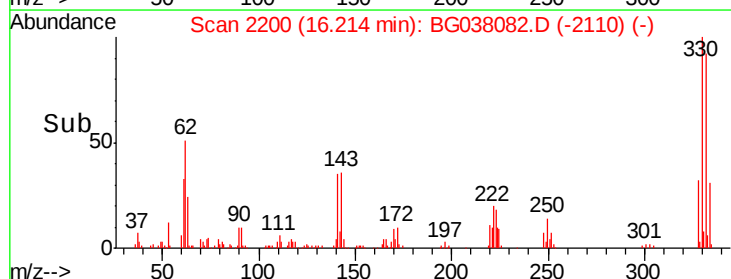
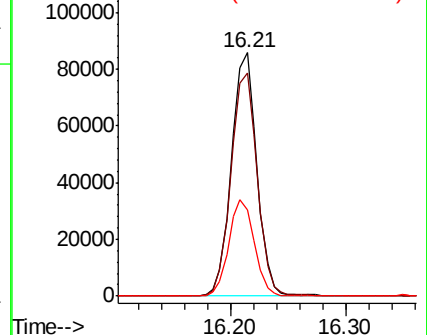
141 40.0 32.2 48.2

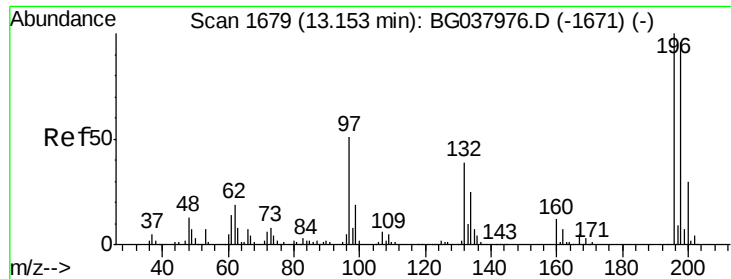


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

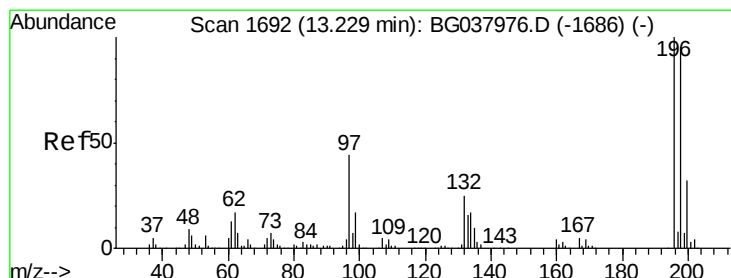
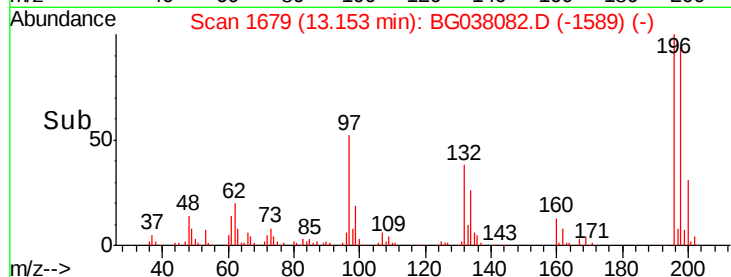
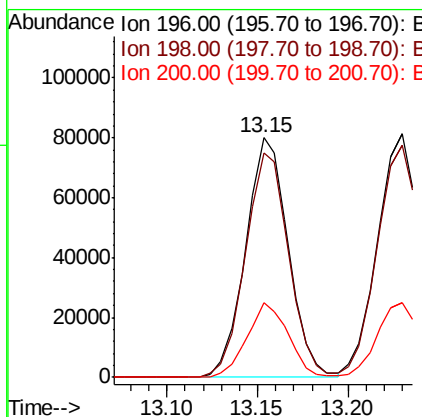
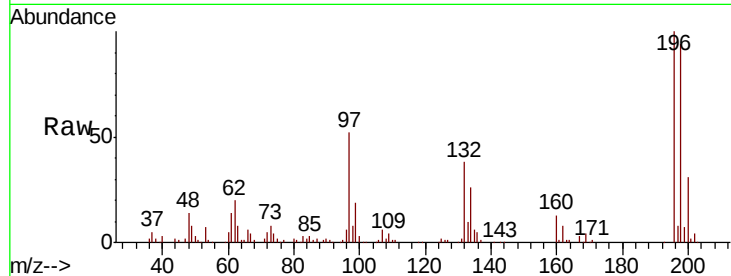




#43
 2,4,6-Trichlorophenol
 Concen: 41.527 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

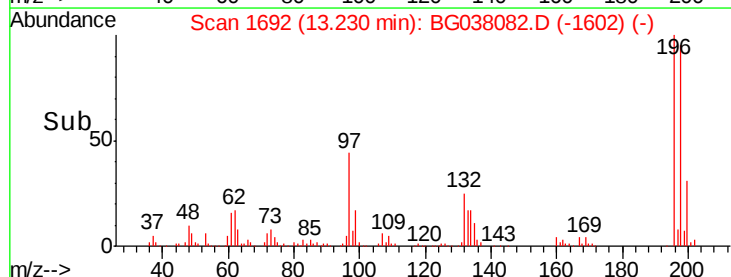
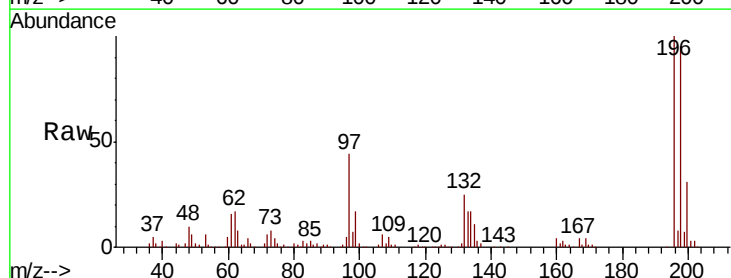
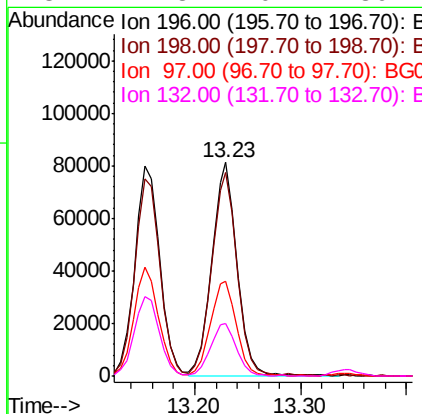
Instrument :
 BNA_G
 ClientSampleId :

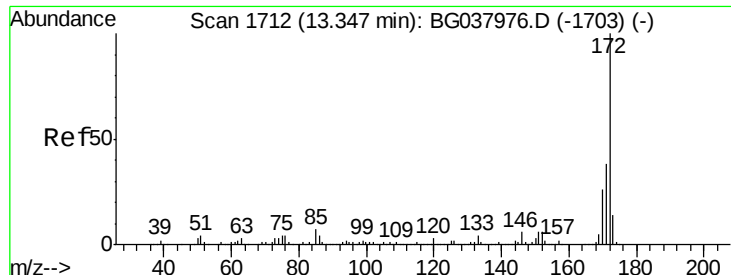
Tot Ion	196	Resp	130815
Ion Ratio	Lower	Upper	
196	100		
198	94.0	76.4	114.6
200	31.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.626 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion	196	Resp	134656
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.2	111.2
97	44.3	34.1	51.1
132	24.8	20.2	30.4

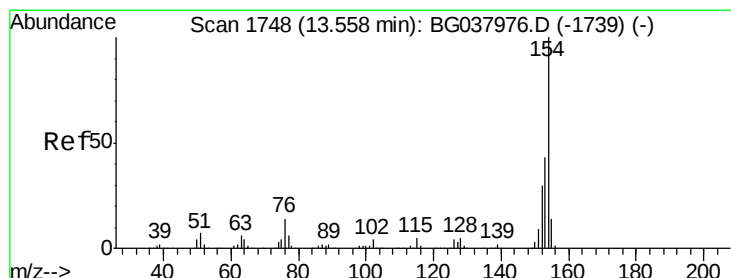
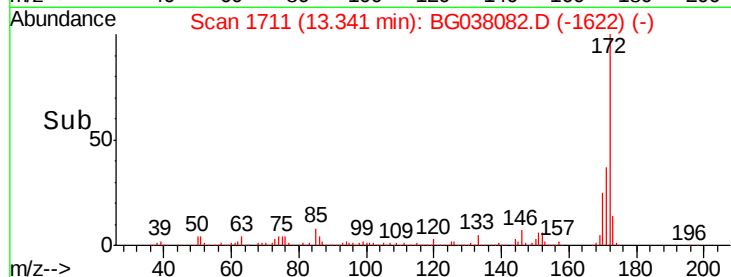
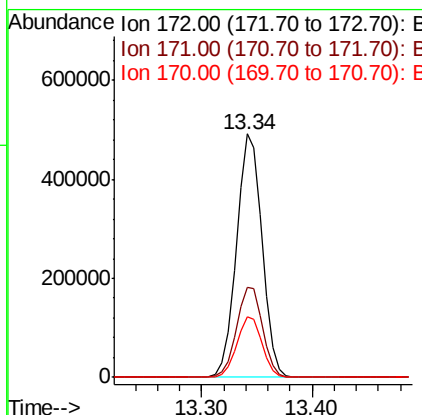
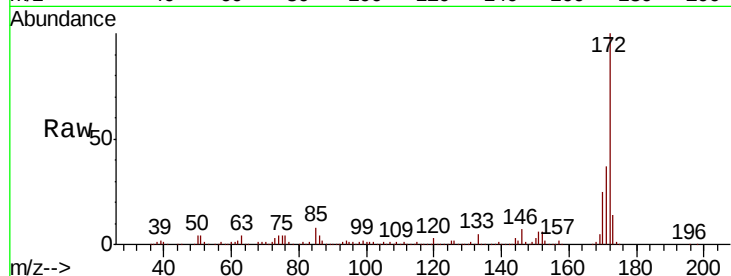




#45
 2-Fluorobiphenyl
 Concen: 83.743 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

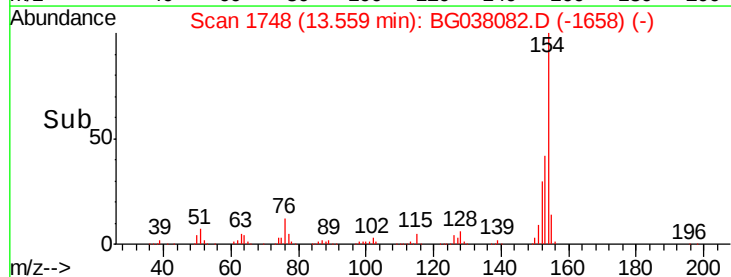
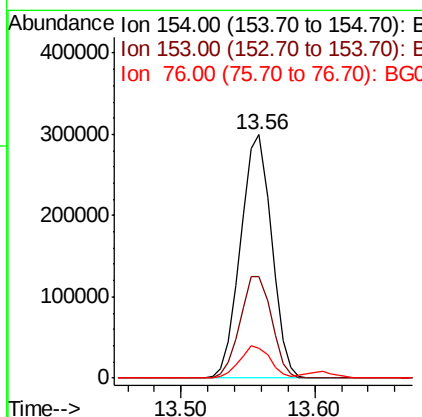
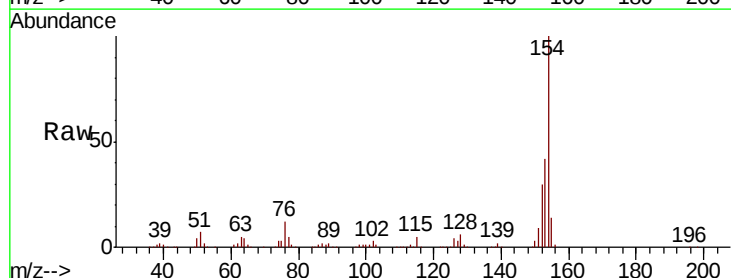
Instrument :
 BNA_G
 ClientSampleId :

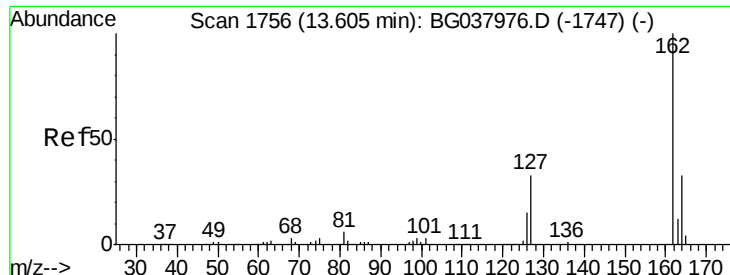
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	24.8	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 41.503 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	12.5	0.0	33.2

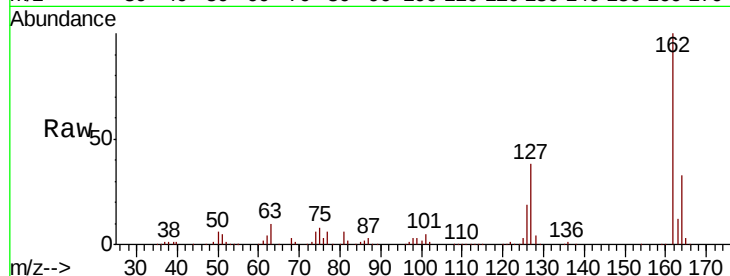




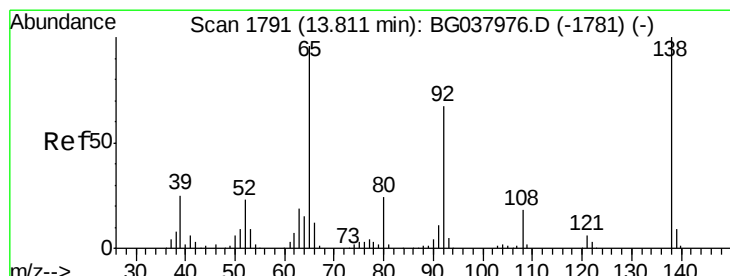
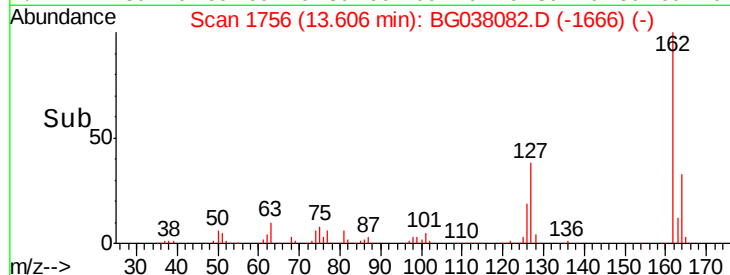
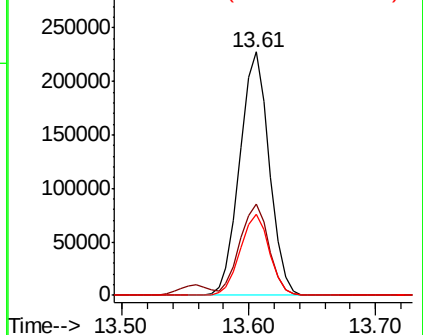
#47
 2-Chloronaphthalene
 Concen: 41.259 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.5	45.7
164	33.1	26.4	39.6

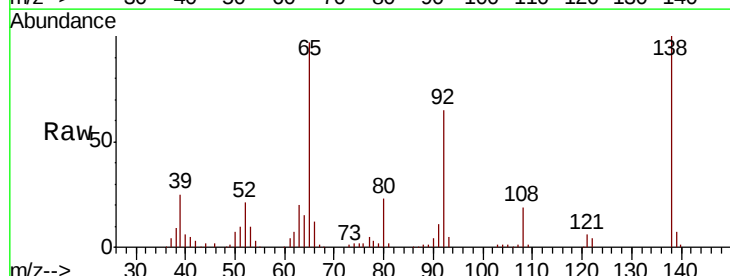


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

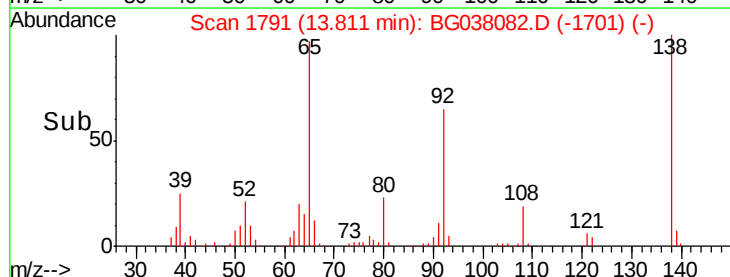
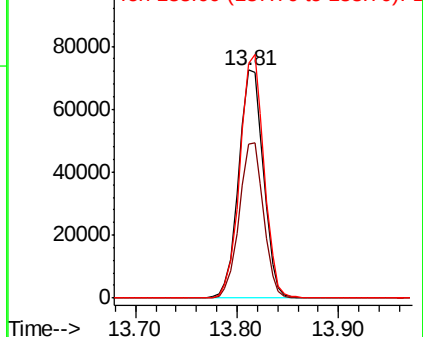


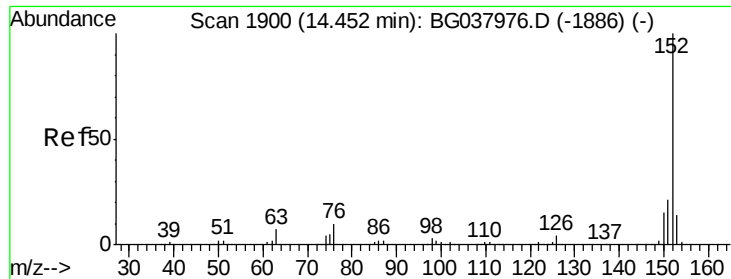
#48
 2-Nitroaniline
 Concen: 44.023 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.2	79.8
138	103.1	79.3	118.9



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





#49

Acenaphthylene

Concen: 42.102 ng

RT: 14.45 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

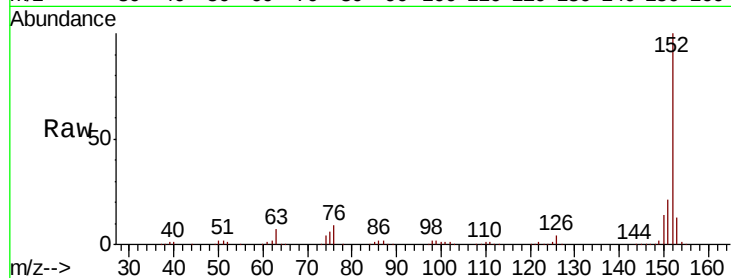
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 561507

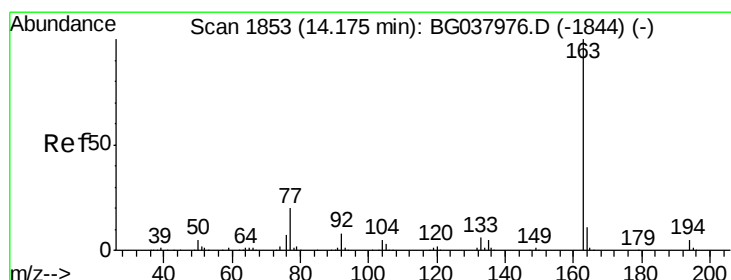
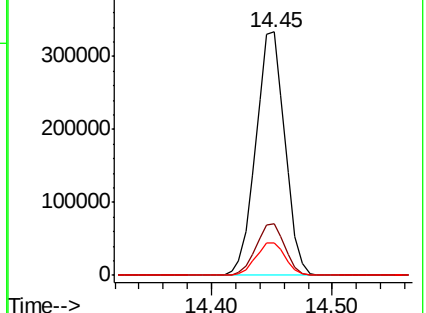
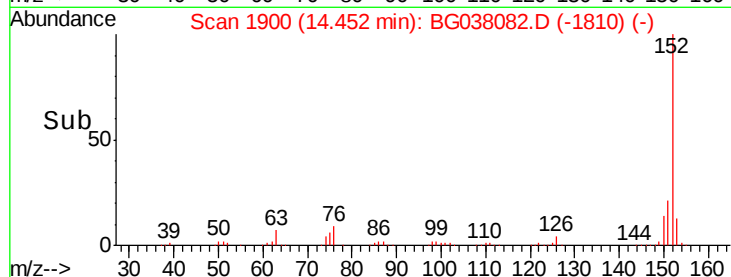
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.1	25.7
153	13.1	11.1	16.7



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: 40.410 ng

RT: 14.17 min Scan# 1852

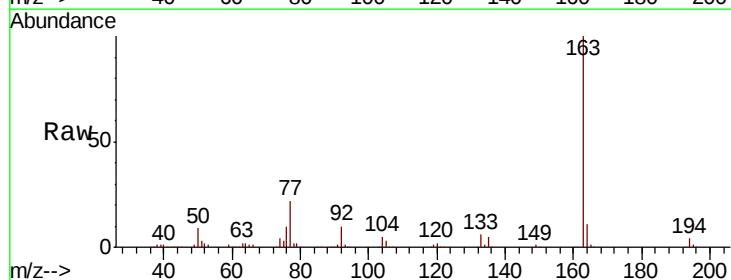
Delta R.T. -0.01 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Tgt Ion:163 Resp: 443200

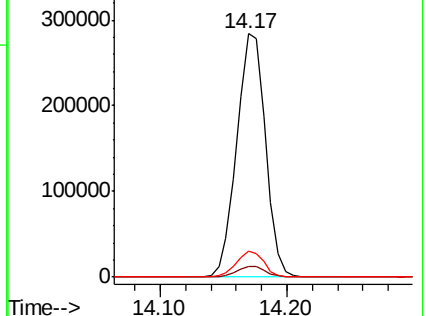
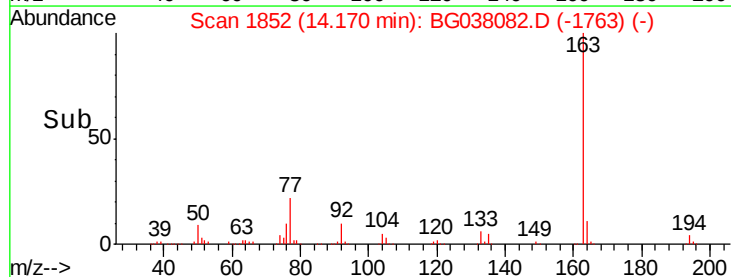
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.8	8.5	12.7

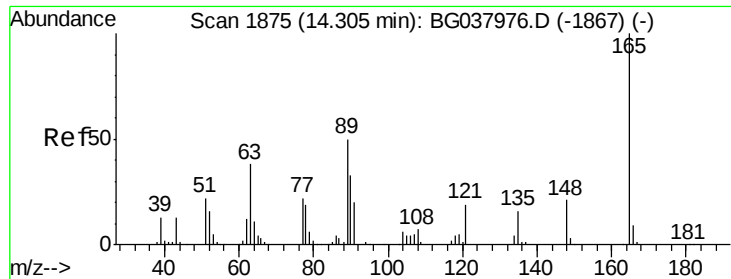


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

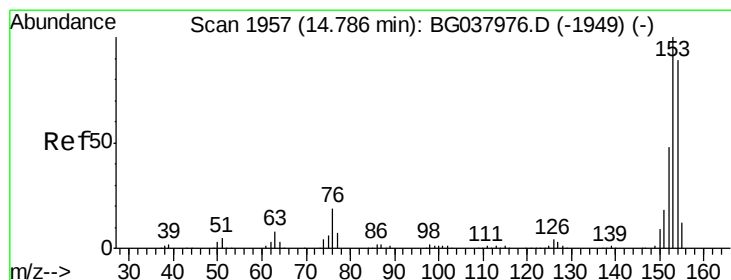
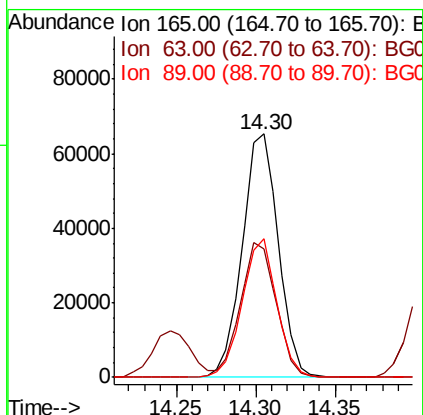
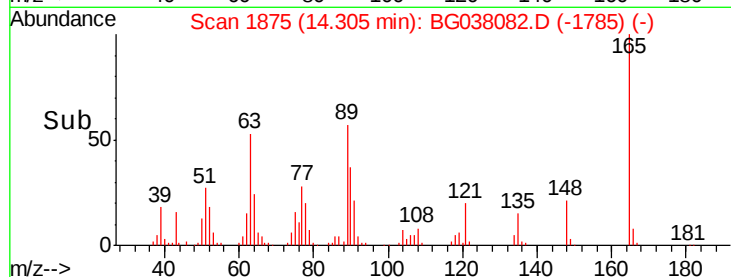
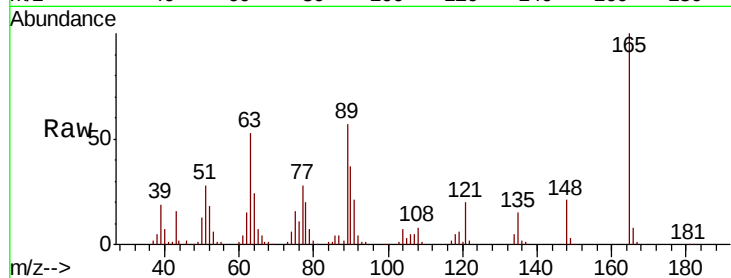




#51
 2,6-Dinitrotoluene
 Concen: 41.441 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

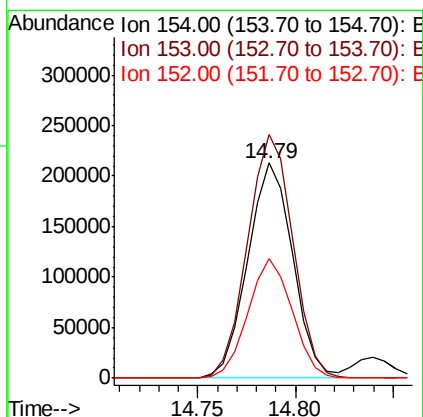
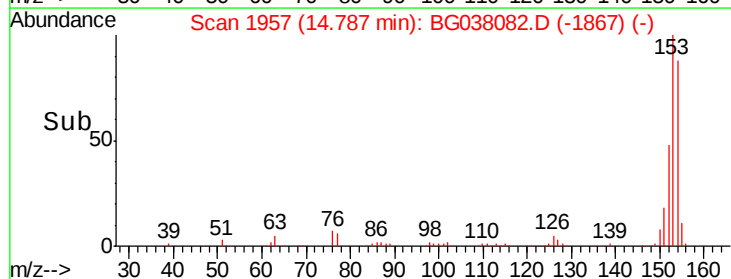
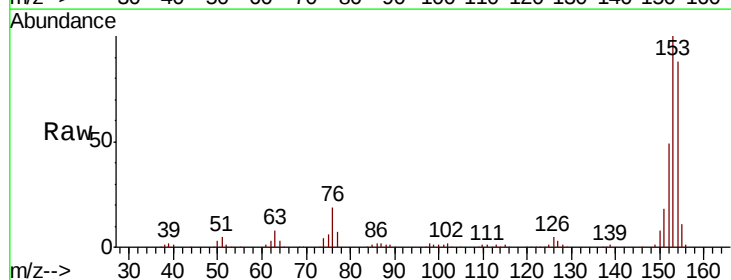
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 102868
 Ion Ratio Lower Upper
 165 100
 63 52.7 43.4 65.2
 89 56.9 45.8 68.6



#52
 Acenaphthene
 Concen: 42.406 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion:154 Resp: 340484
 Ion Ratio Lower Upper
 154 100
 153 113.2 93.4 140.0
 152 55.4 44.7 67.1

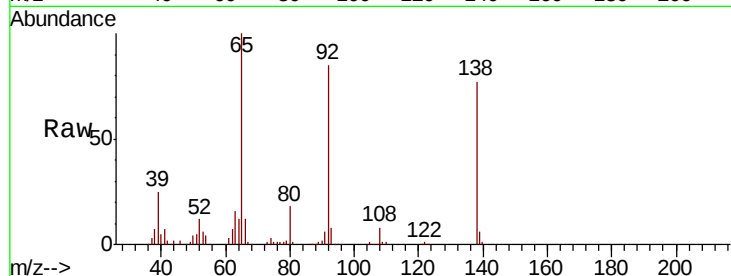




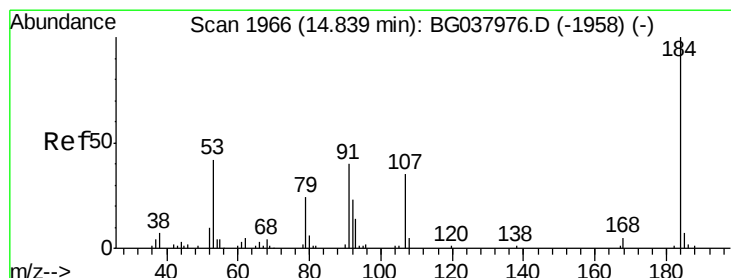
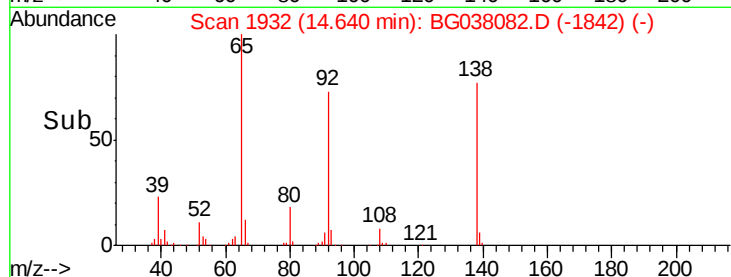
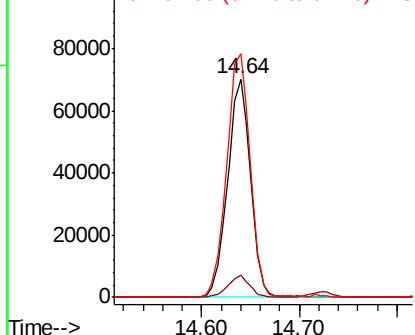
#53
3-Nitroaniline
Concen: 41.667 ng
RT: 14.64 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 114129
Ion Ratio Lower Upper
138 100
108 10.3 11.0 16.6#
92 111.4 95.2 142.8

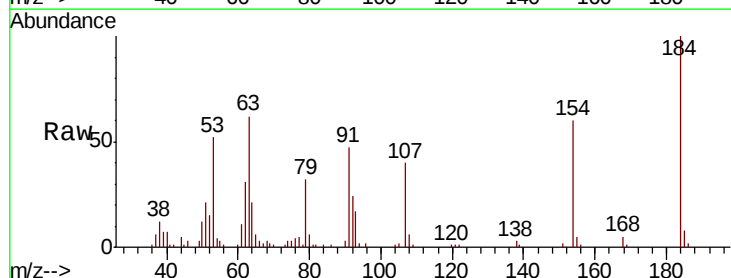


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

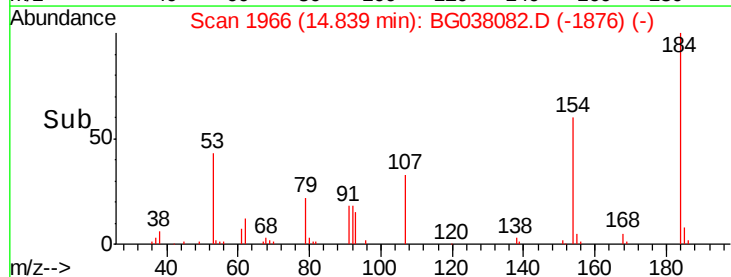
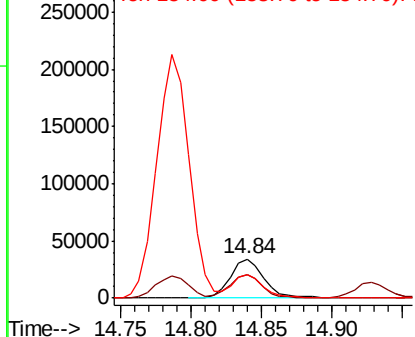


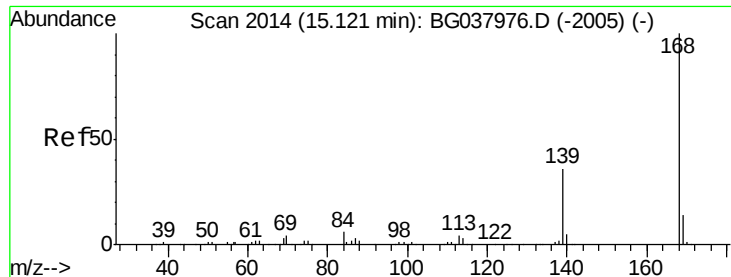
#54
2,4-Dinitrophenol
Concen: 46.558 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion:184 Resp: 56491
Ion Ratio Lower Upper
184 100
63 61.8 42.6 63.8
154 59.6 41.8 62.6



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

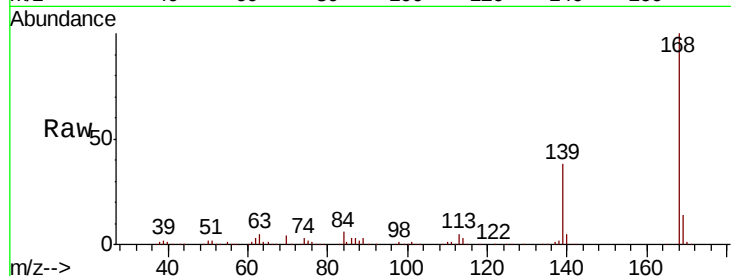




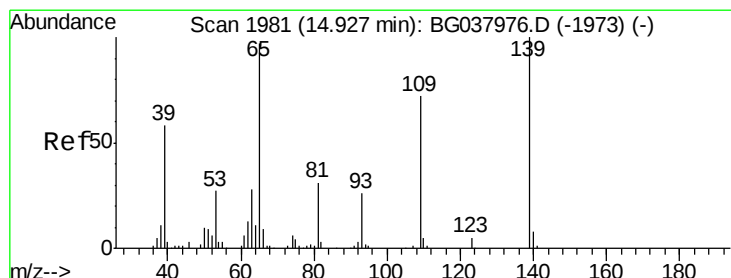
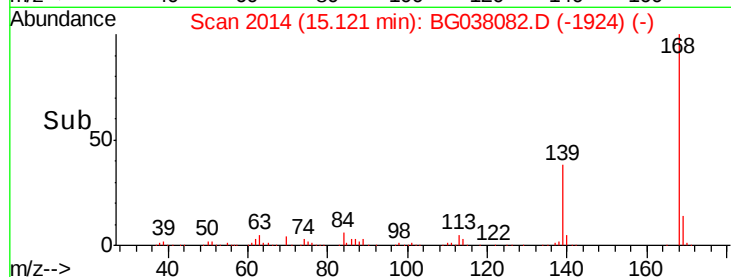
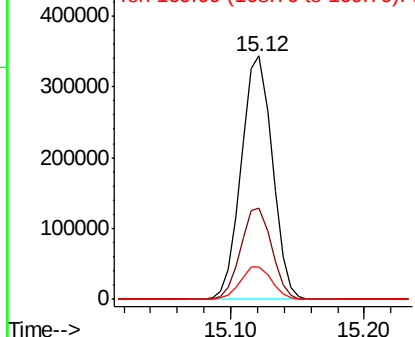
#55
Dibenzenofuran
Concen: 41.631 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 552712
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.0
169 13.6 11.0 16.6

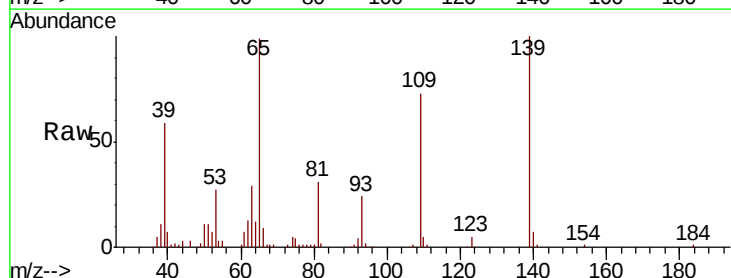


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

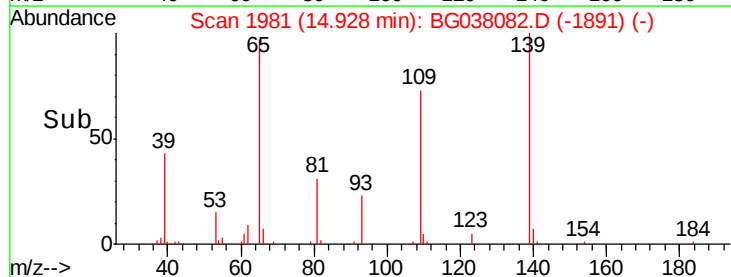
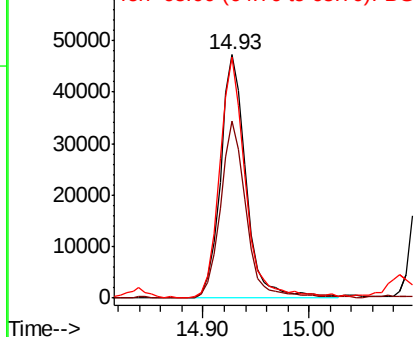


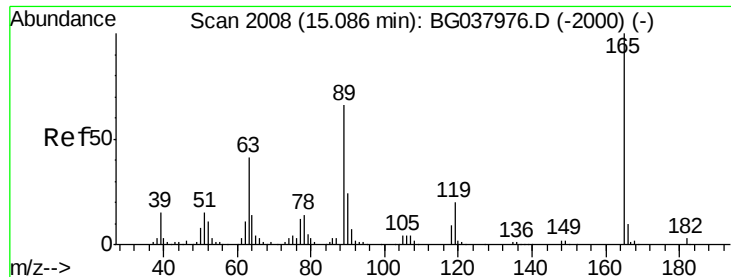
#56
4-Nitrophenol
Concen: 37.453 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion:139 Resp: 79120
Ion Ratio Lower Upper
139 100
109 72.5 49.5 89.5
65 98.9 76.8 116.8



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

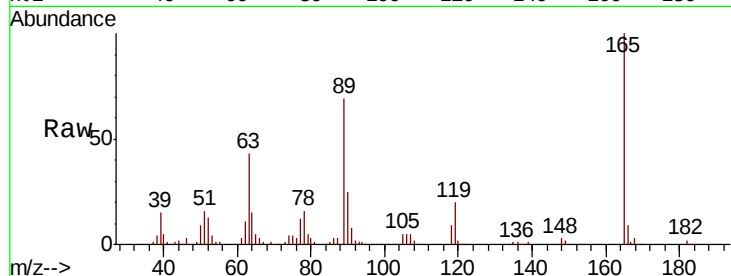




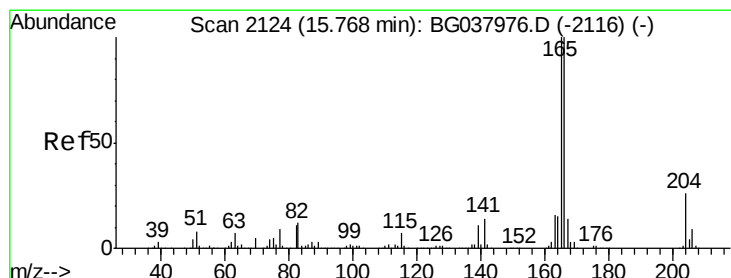
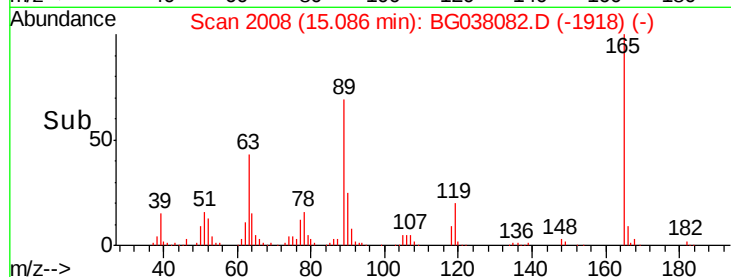
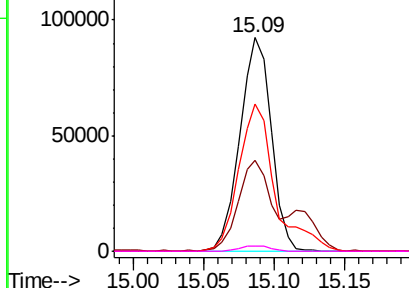
#57
2,4-Dinitrotoluene
Concen: 42.571 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.4	50.0
89	68.9	57.2	85.8
182	2.4	2.6	4.0

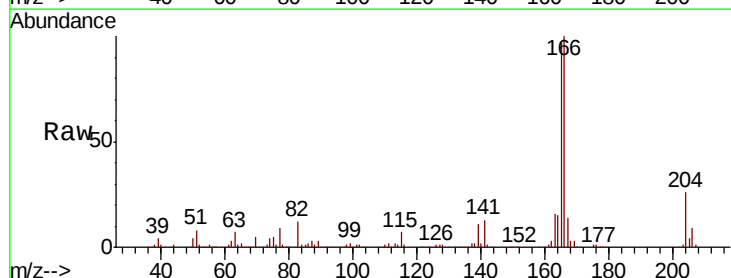


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

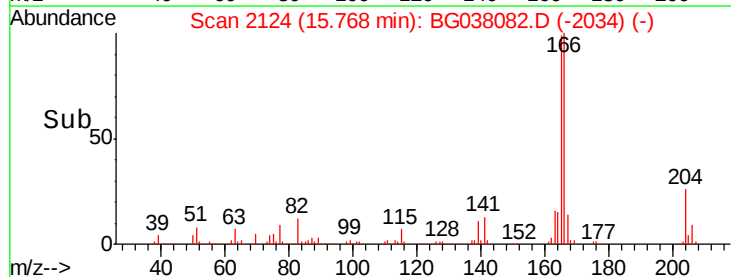
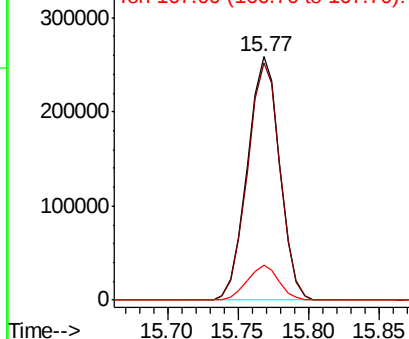


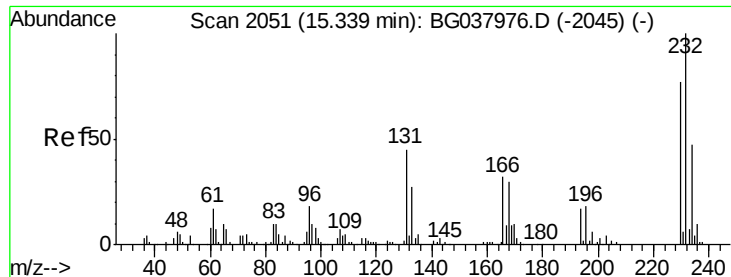
#58
Fluorene
Concen: 42.006 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.0	118.6
167	14.3	11.3	16.9



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

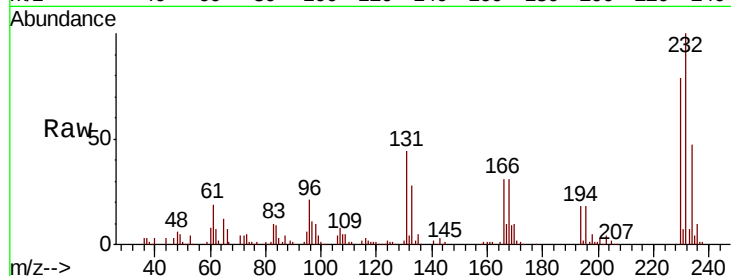




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.375 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.7	50.5
130	2.2	2.1	3.1
166	29.7	24.6	36.8



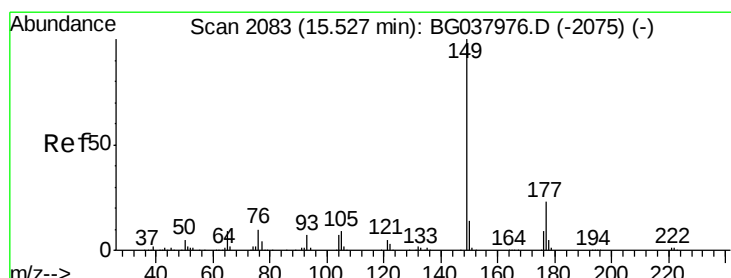
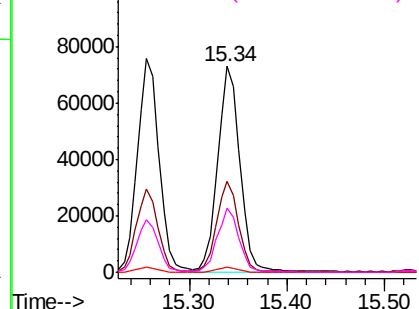
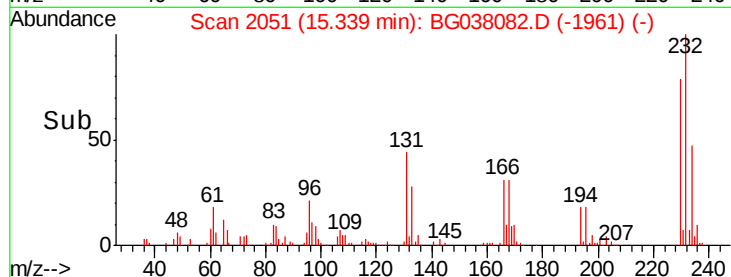
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

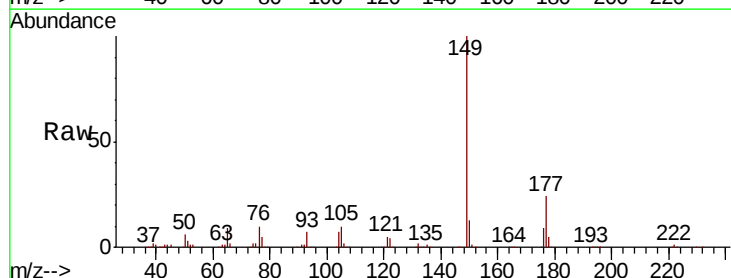
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.197 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	12.7	10.0	15.0

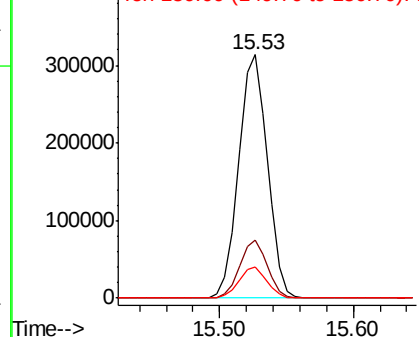
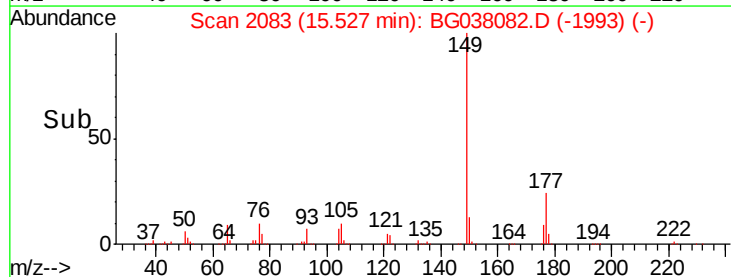


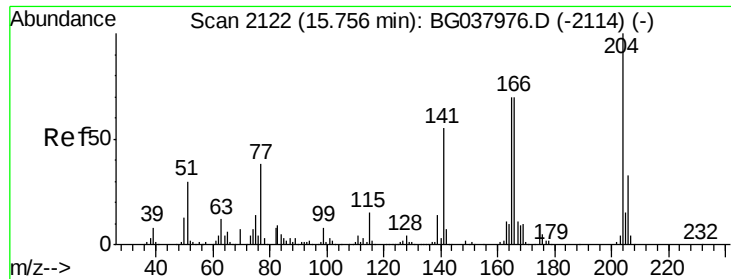
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

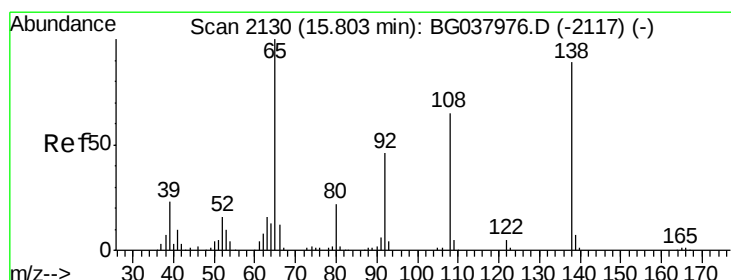
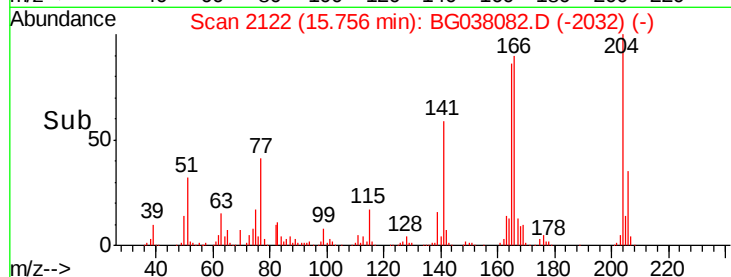
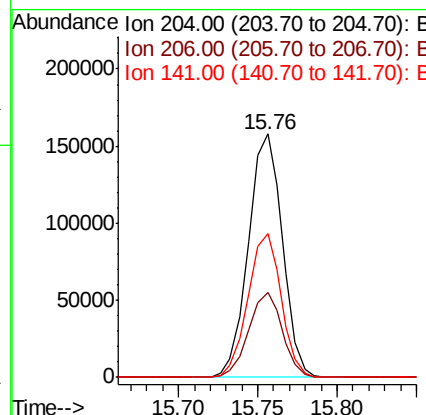
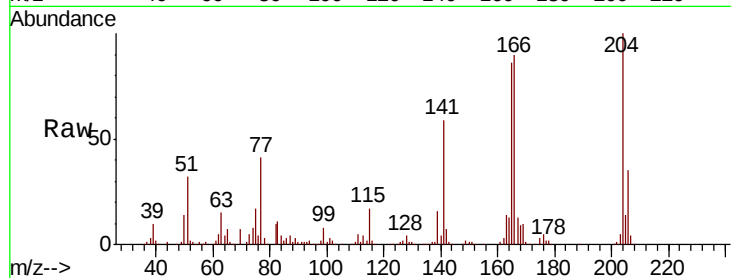




#61
4-Chlorophenyl-phenylether
Concen: 40.542 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

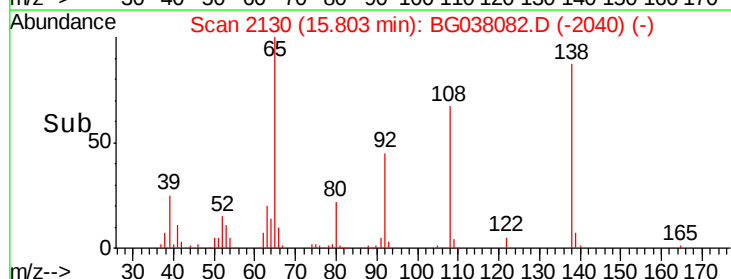
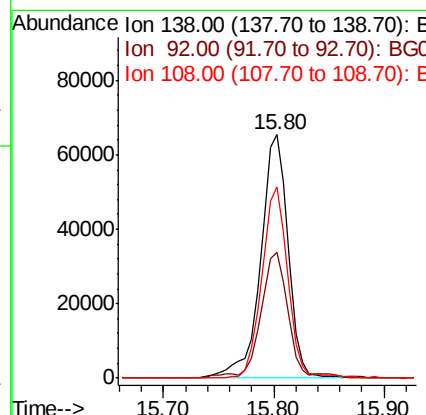
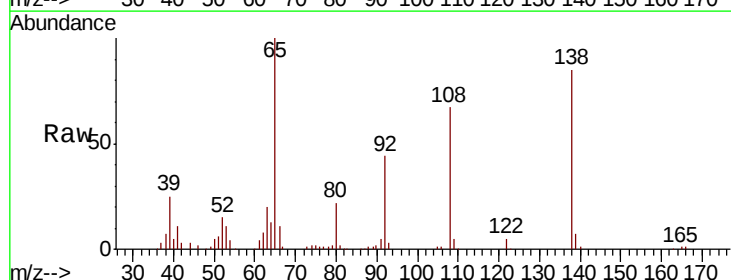
Instrument :
BNA_G
ClientSampleId :

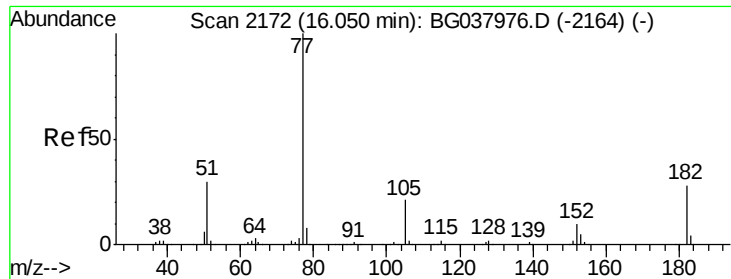
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.6	39.8
141	59.0	45.4	68.2



#62
4-Nitroaniline
Concen: 42.016 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	36.4	76.4
108	78.7	60.1	100.1

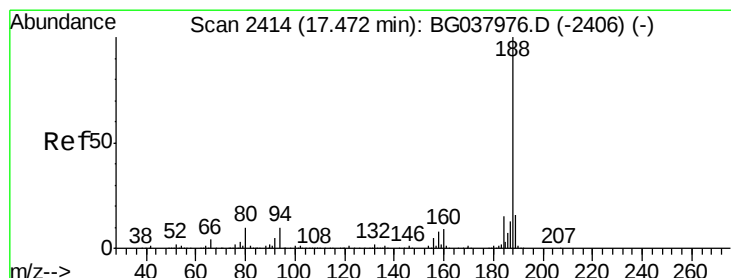
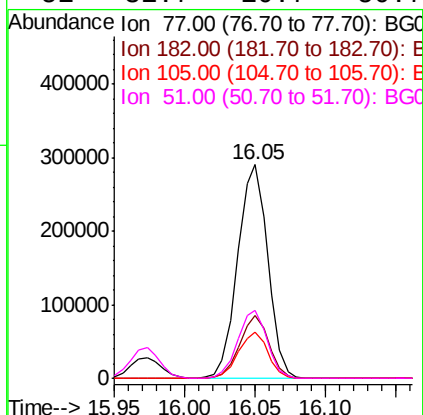
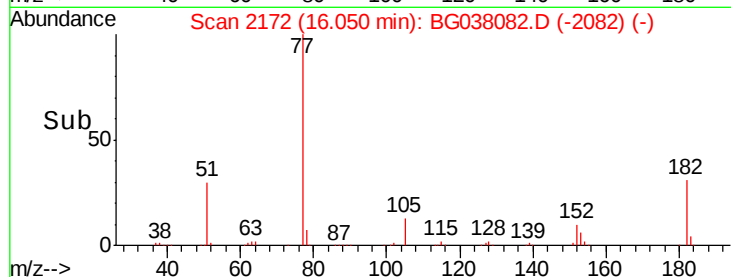
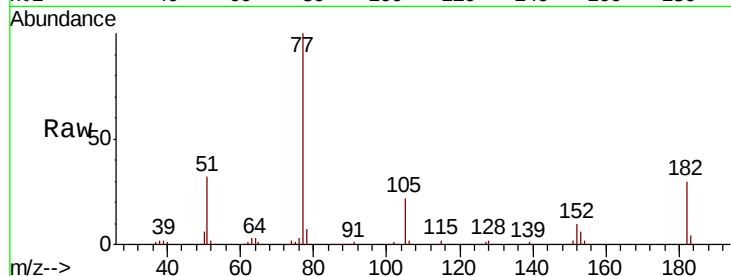




#63
Azobenzene
Concen: 41.378 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

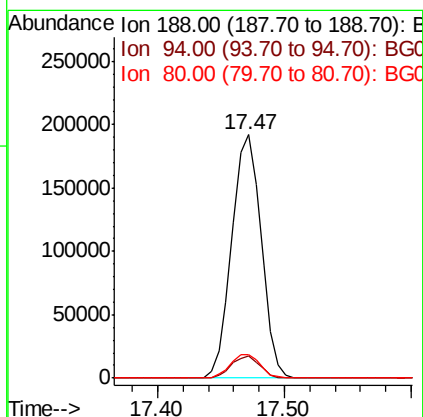
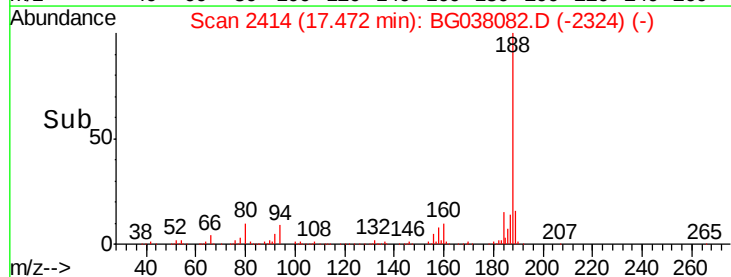
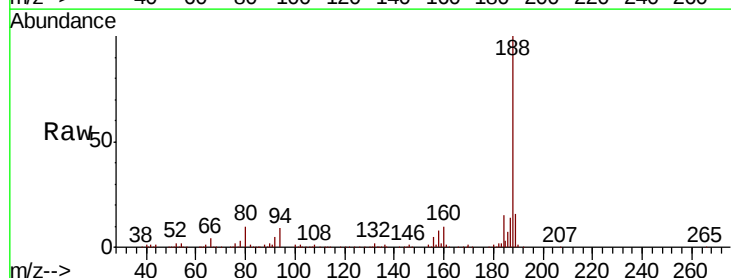
Instrument :
BNA_G
ClientSampleId :

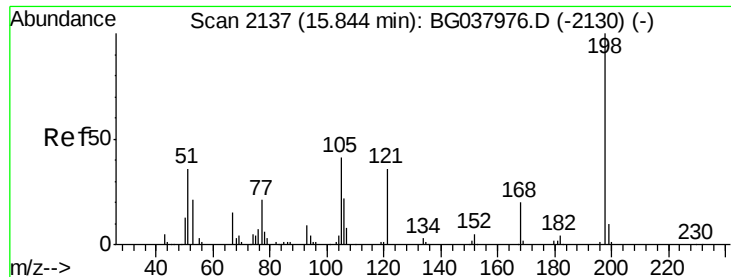
Tot Ion:	77	Resp:	430981
Ion	Ratio	Lower	Upper
77	100		
182	29.6	8.0	48.0
105	21.6	1.3	41.3
51	31.7	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion:	188	Resp:	309066
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.8	7.7	11.5

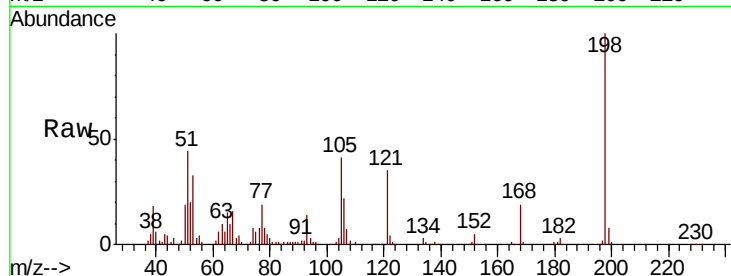




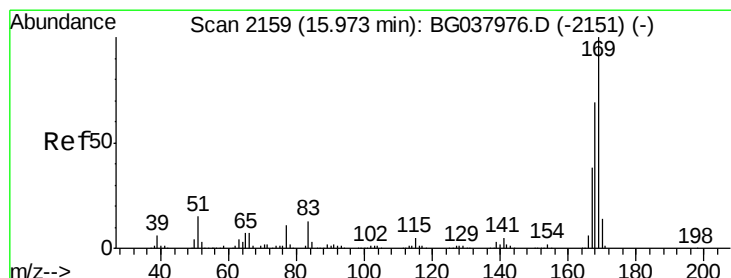
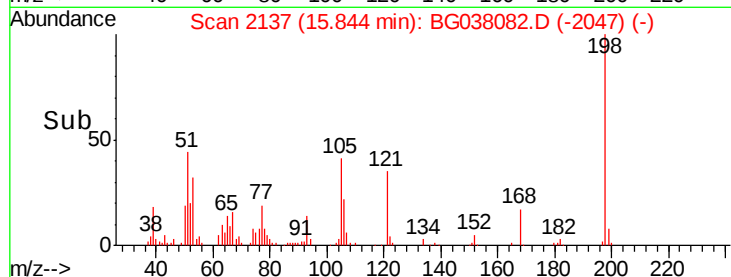
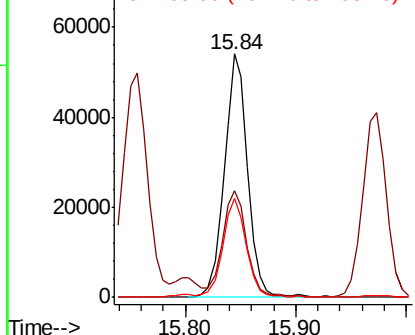
#65
4,6-Dinitro-2-methylphenol
Concen: 40.576 ng
RT: 15.84 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.7	22.7	62.7
105	40.6	19.7	59.7

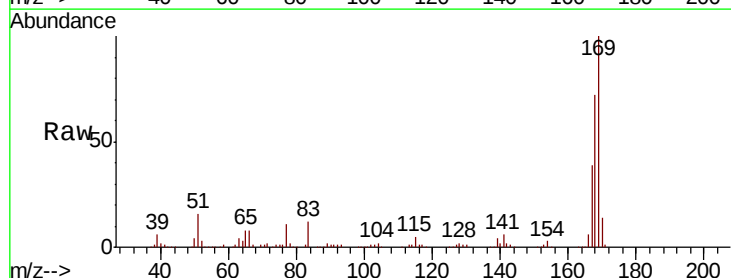


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

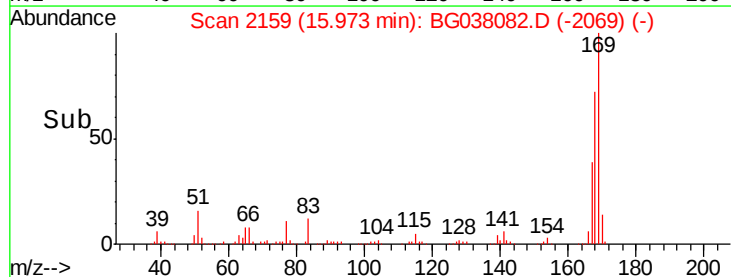
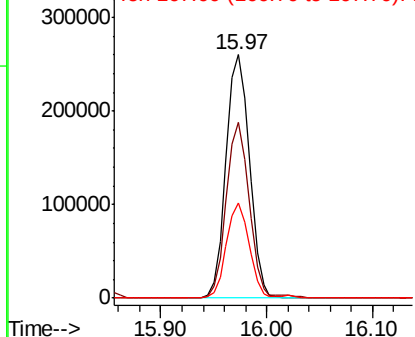


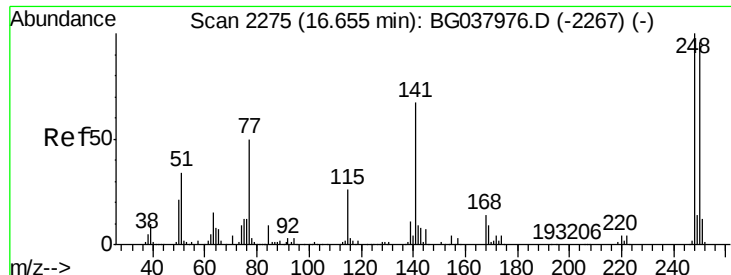
#66
n-Nitrosodiphenylamine
Concen: 42.682 ng
RT: 15.97 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.1	55.7	83.5
167	38.8	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

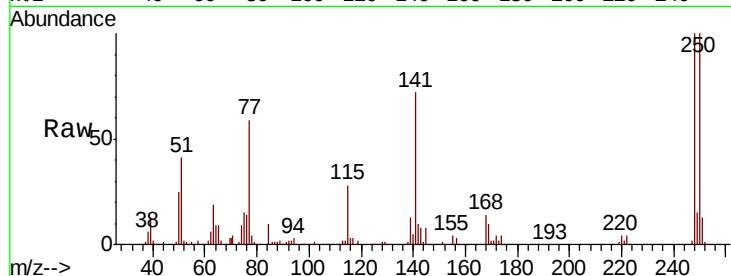




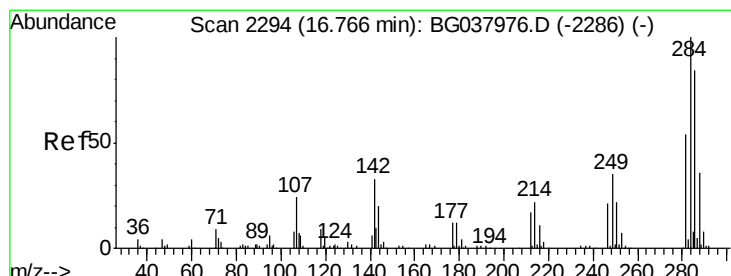
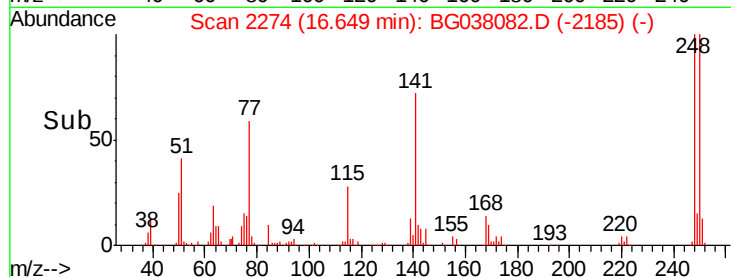
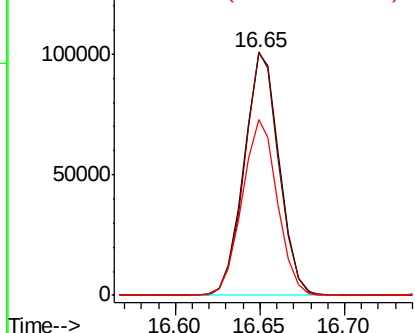
#67
 4-Bromophenyl-phenylether
 Concen: 42.845 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 145341
 Ion Ratio Lower Upper
 248 100
 250 100.4 77.0 115.6
 141 72.3 55.5 83.3

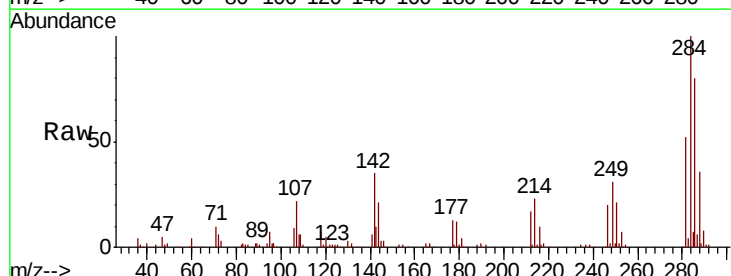


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

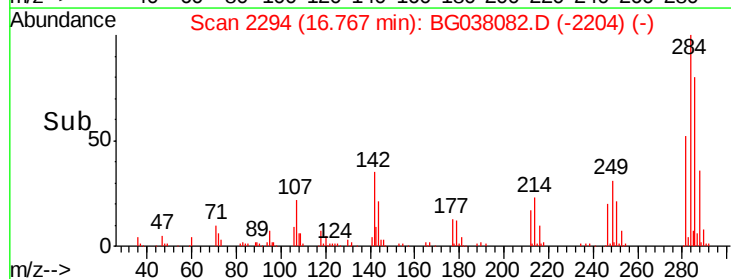
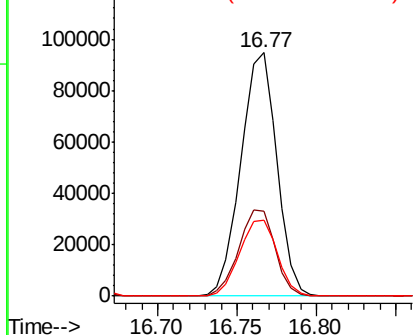


#68
 Hexachlorobenzene
 Concen: 42.674 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion:284 Resp: 149422
 Ion Ratio Lower Upper
 284 100
 142 34.6 28.1 42.1
 249 33.8 29.8 44.8



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

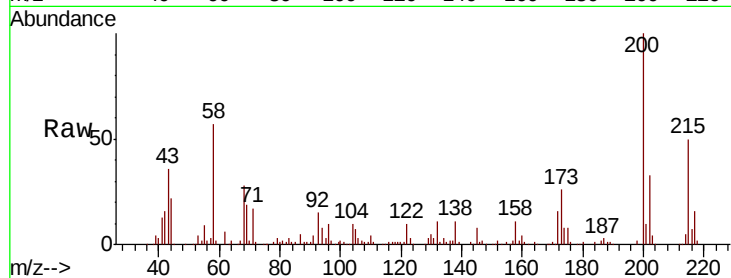




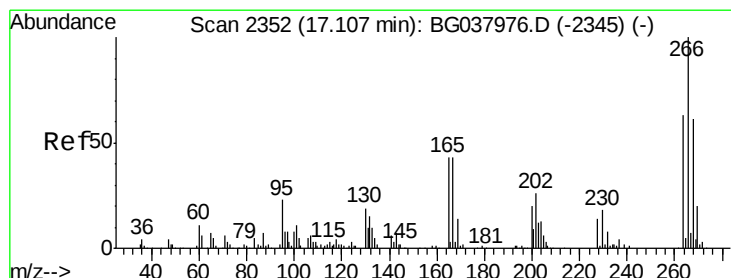
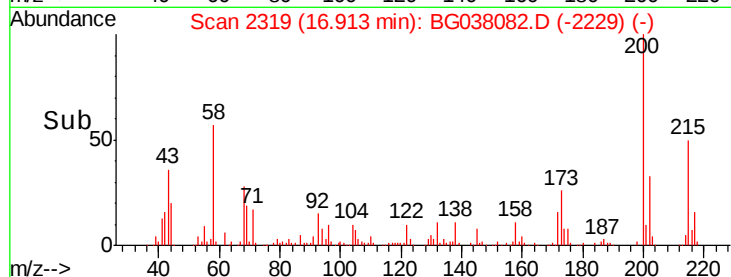
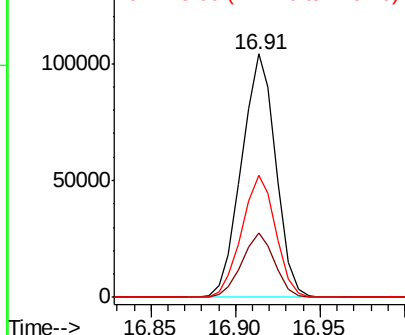
#69
 Atrazine
 Concen: 42.480 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 146418
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.1 46.1
 215 50.3 30.8 70.8

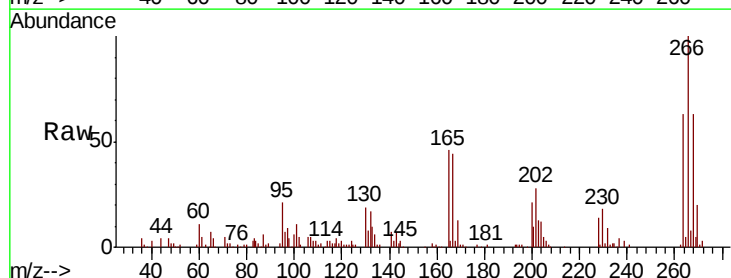


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

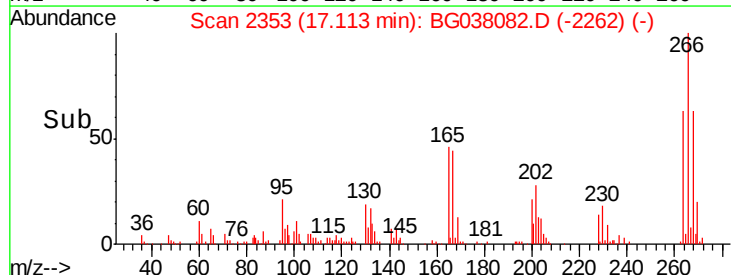
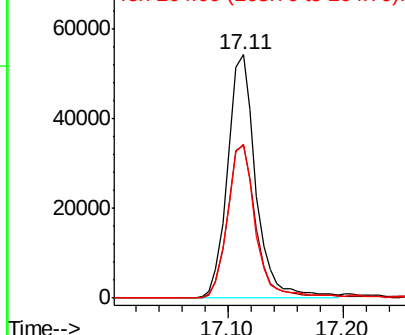


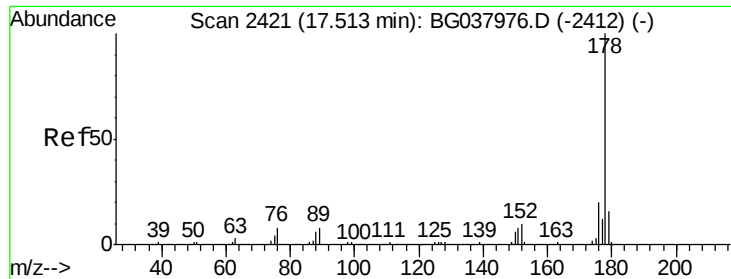
#70
 Pentachlorophenol
 Concen: 38.805 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. 0.01 min
 Lab File: BG038082.D
 Acq: 20 Nov 2018 12:51

Tgt Ion:266 Resp: 92283
 Ion Ratio Lower Upper
 266 100
 268 67.6 55.0 82.6
 264 68.4 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

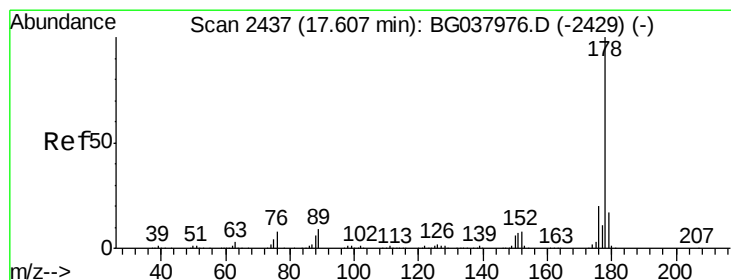
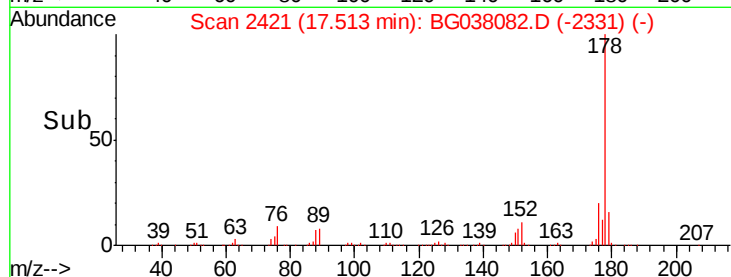
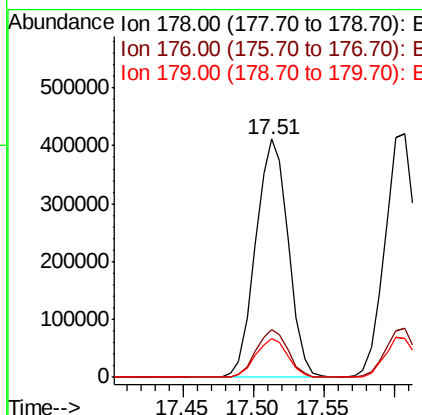
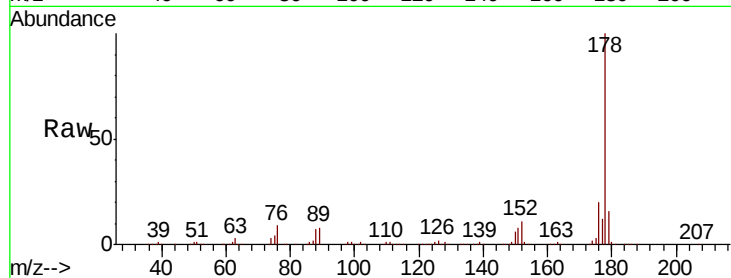




#71
Phenanthrene
Concen: 42.047 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

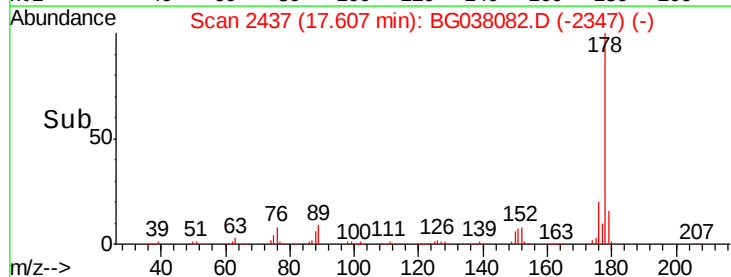
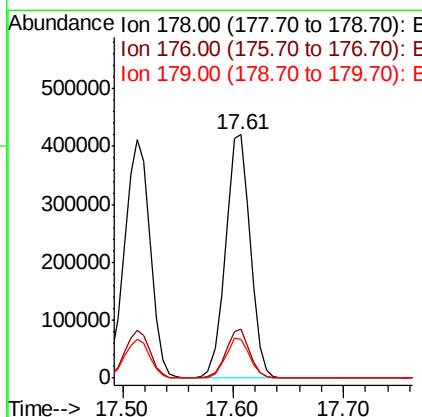
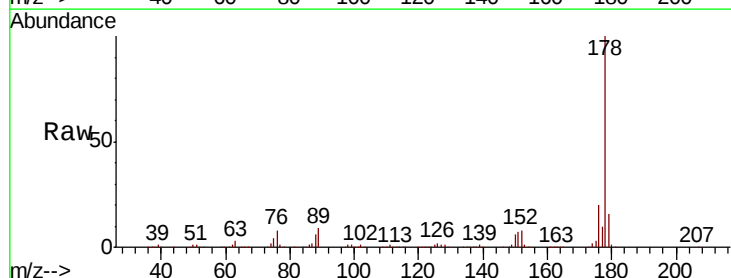
Instrument :
BNA_G
ClientSampled :

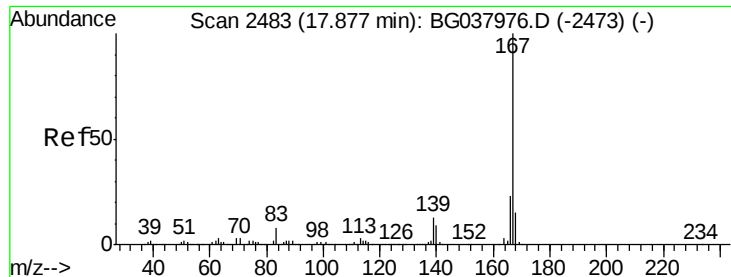
Tot Ion:178 Resp: 665341
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.3 13.0 19.4



#72
Anthracene
Concen: 42.038 ng
RT: 17.61 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion:178 Resp: 655714
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.4
179 15.9 12.8 19.2





#73

Carbazole

Concen: 42.234 ng

RT: 17.88 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampled :

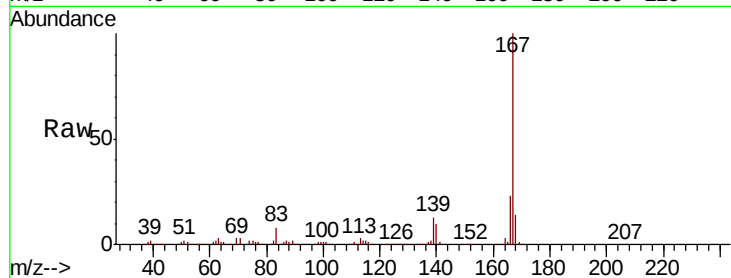
Tot Ion:167 Resp: 660941

Ion Ratio Lower Upper

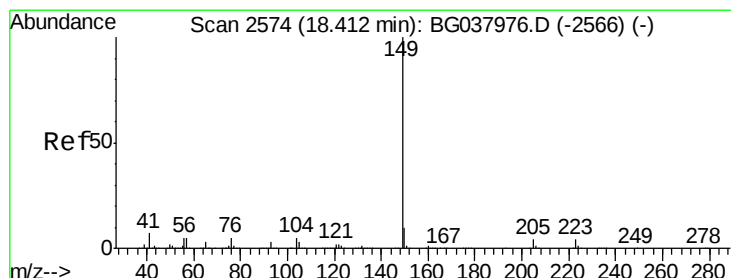
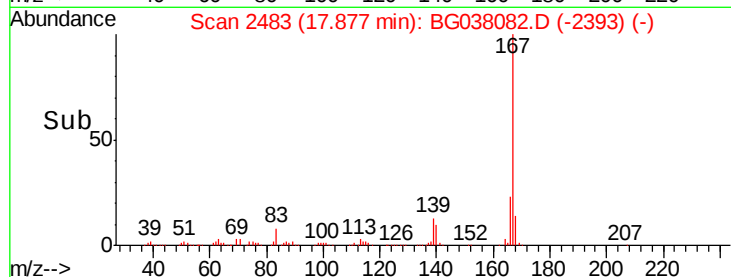
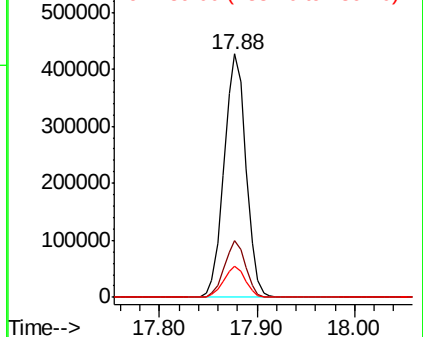
167 100

166 23.3 18.3 27.5

139 12.7 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: 42.372 ng

RT: 18.41 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

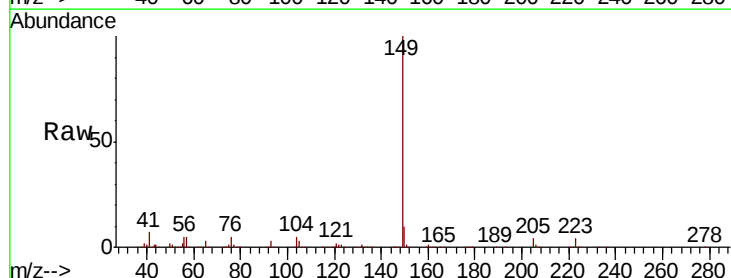
Tgt Ion:149 Resp: 744346

Ion Ratio Lower Upper

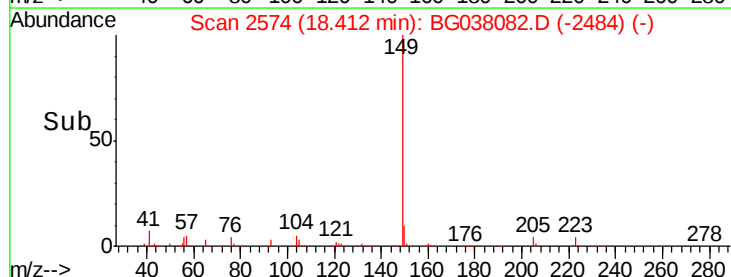
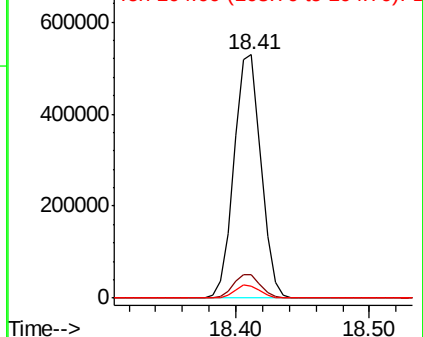
149 100

150 9.8 8.2 12.2

104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.892 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038082.D

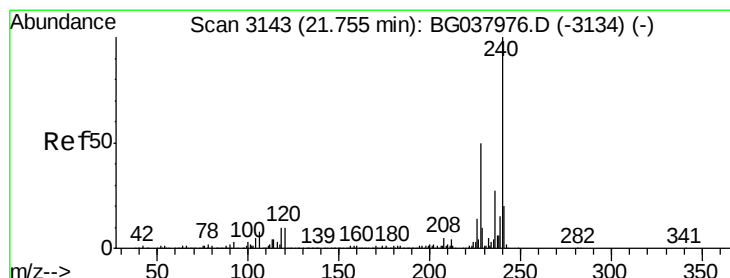
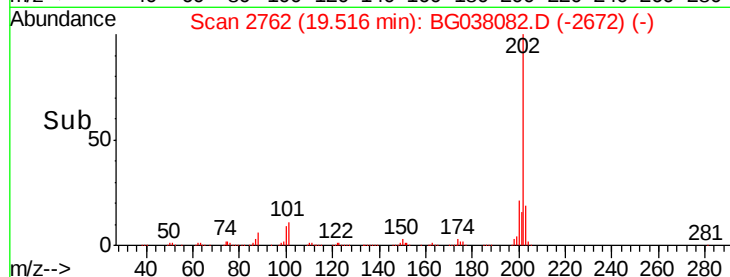
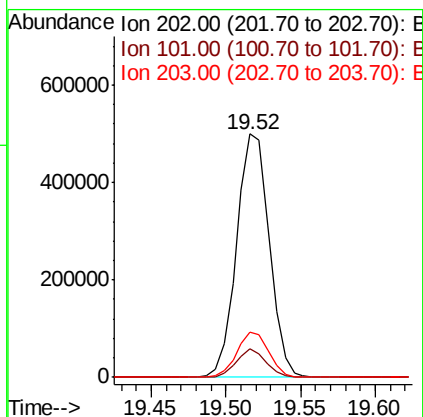
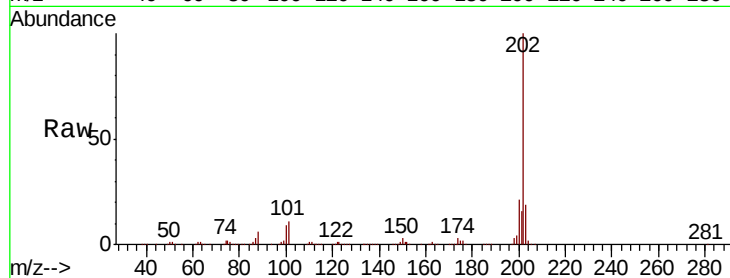
Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	756311
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
203	18.5	0.0	38.5



#76

Chrysene-d12

Concen: 20.000 ng

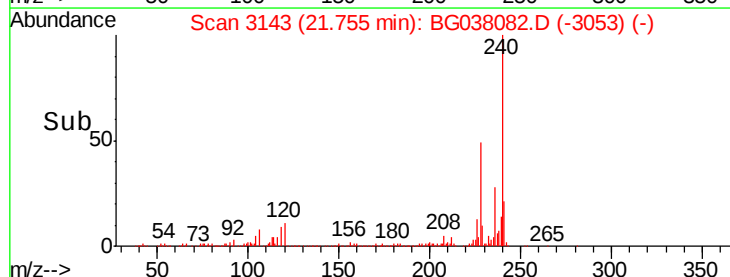
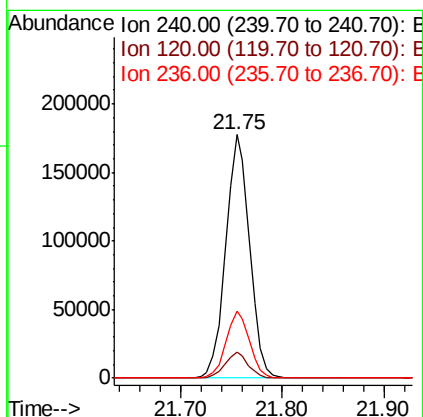
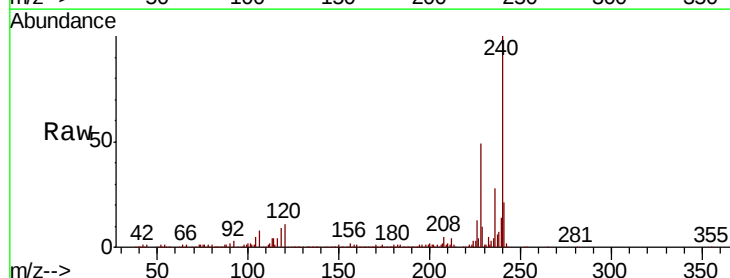
RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Tgt Ion:	240	Resp:	287603
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.5	21.4	32.0





#77

Benzidine

Concen: 33.890 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

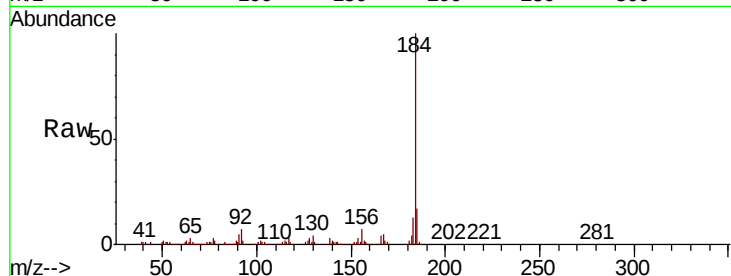
Tot Ion:184 Resp: 342012

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

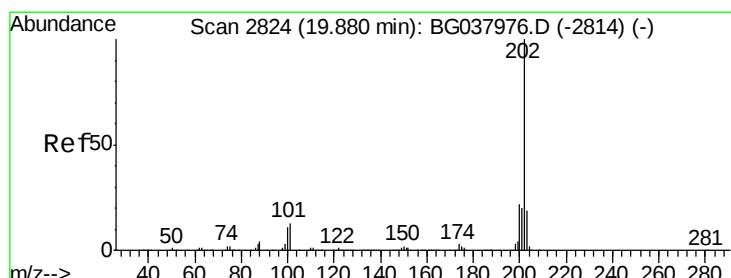
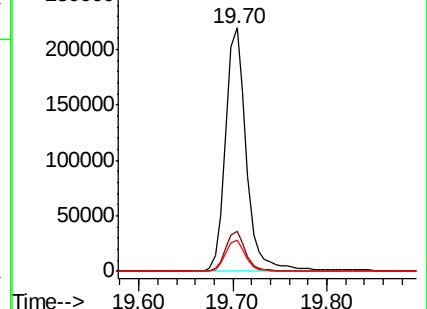
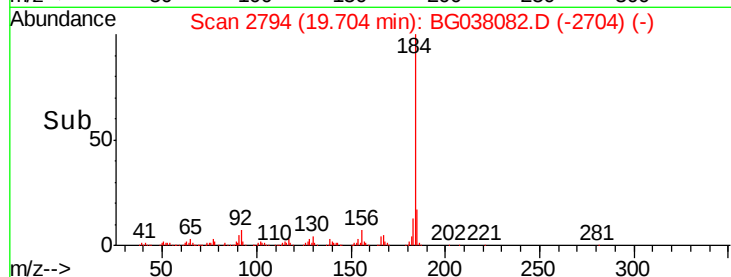
183 12.6 10.2 15.2



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: 40.977 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

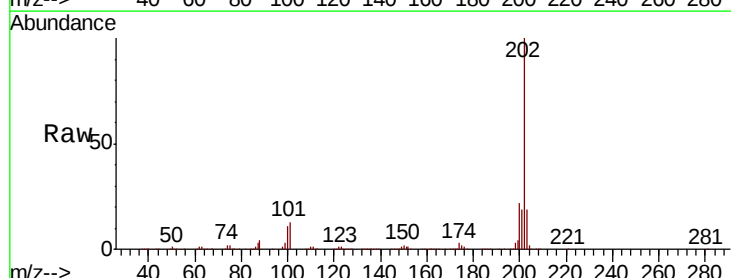
Tgt Ion:202 Resp: 770526

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.6

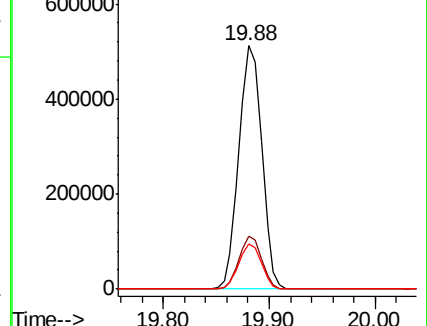
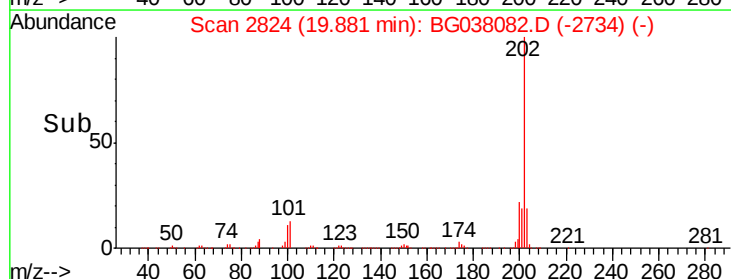
203 18.7 15.2 22.8



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: 82.169 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampled :

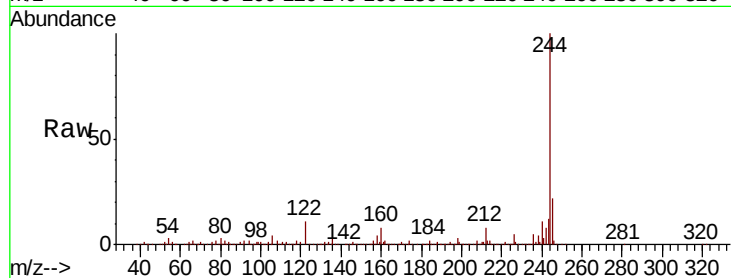
Tot Ion:244 Resp: 1004328

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

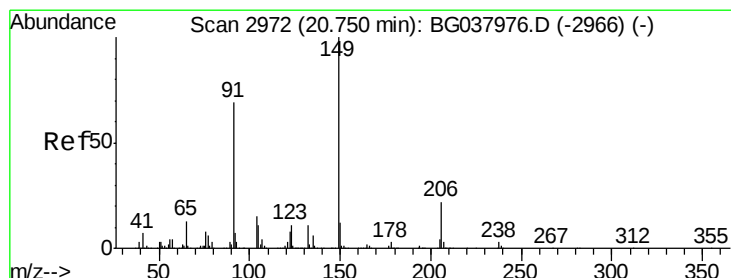
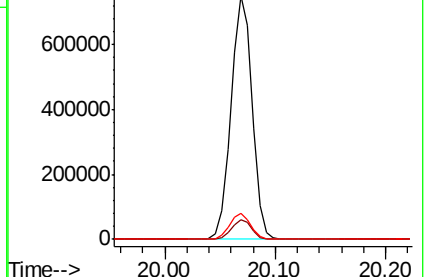
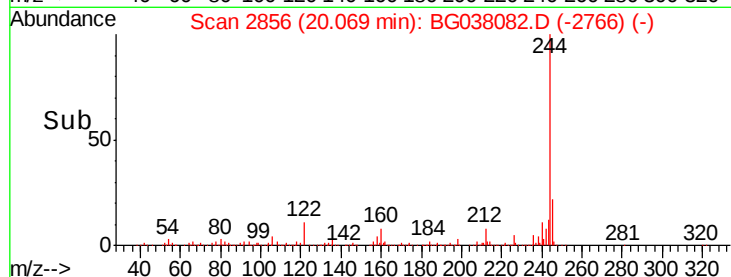
122 10.8 9.0 13.4



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: 41.679 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

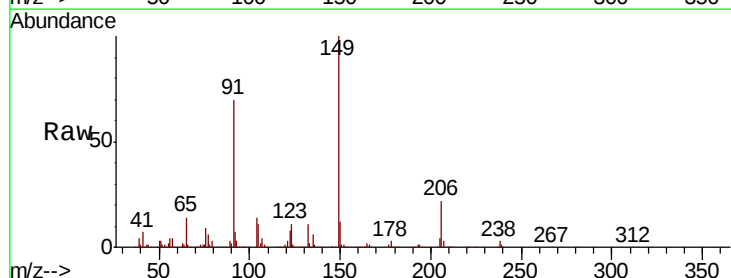
Tgt Ion:149 Resp: 342737

Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.4

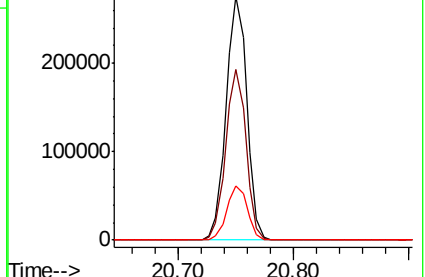
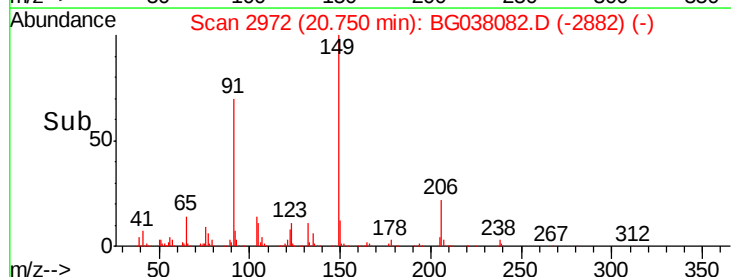
206 22.1 17.8 26.6

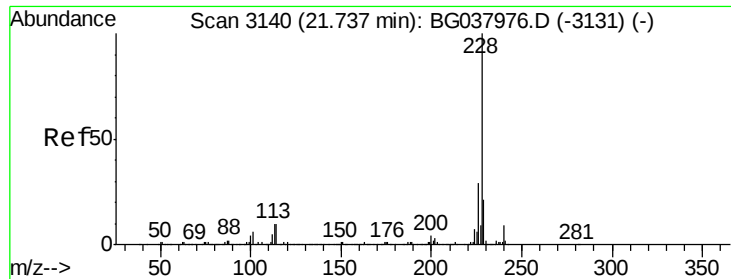


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

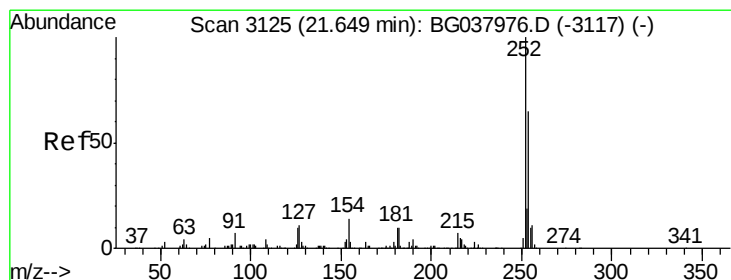
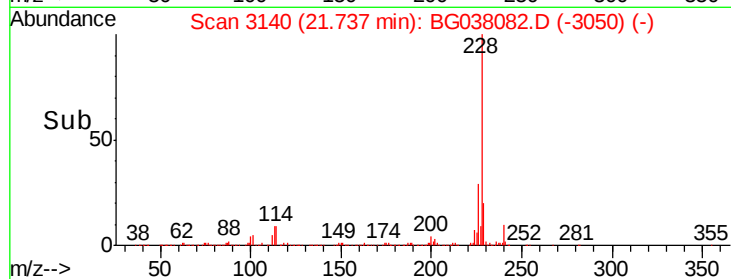
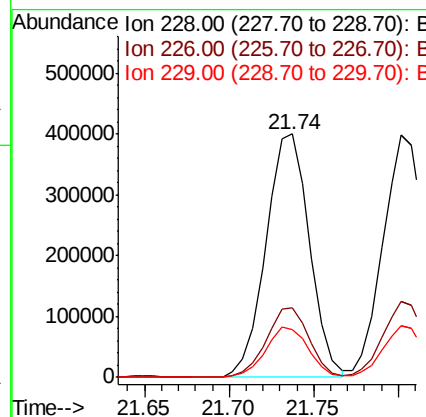
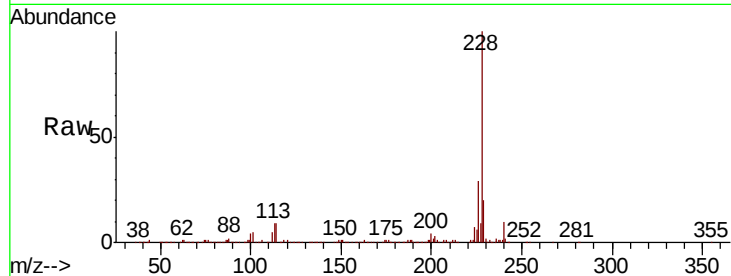




#81
Benzo(a)anthracene
Concen: 41.167 ng
RT: 21.74 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

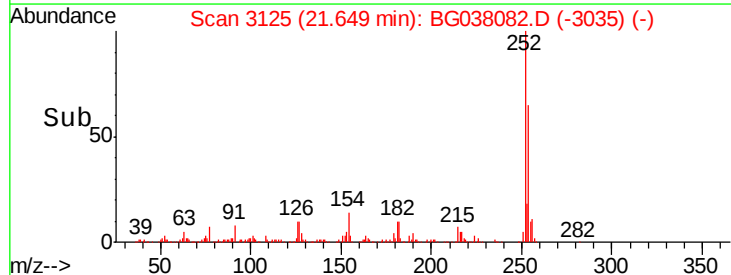
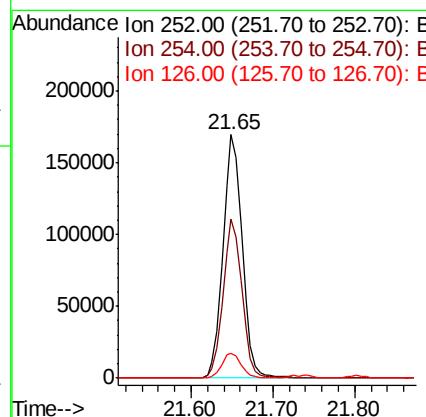
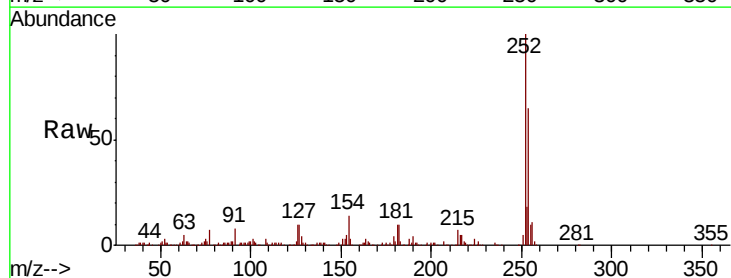
Instrument :
BNA_G
ClientSampleId :

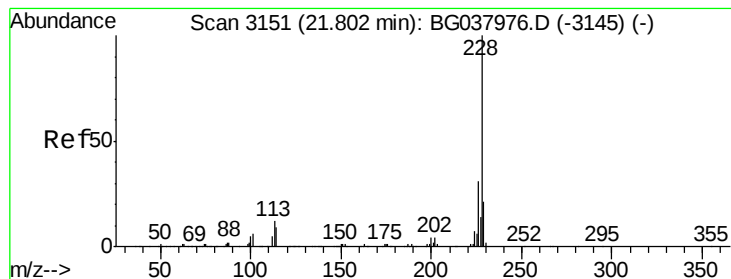
Tot Ion:228 Resp: 715488
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 19.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 41.149 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion:252 Resp: 278589
Ion Ratio Lower Upper
252 100
254 65.3 52.0 78.0
126 10.4 8.2 12.4





#83

Chrysene

Concen: 41.184 ng

RT: 21.80 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

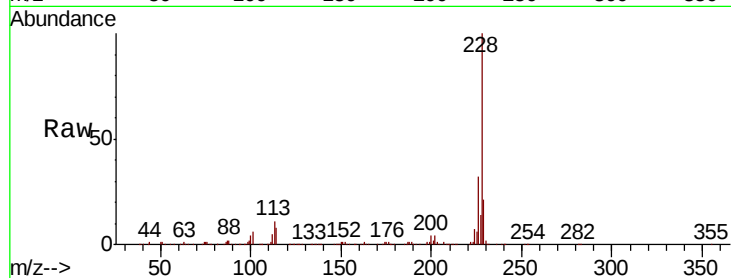
Tot Ion:228 Resp: 684844

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	21.2	16.5	24.7

228 100

226 31.6 25.7 38.5

229 21.2 16.5 24.7

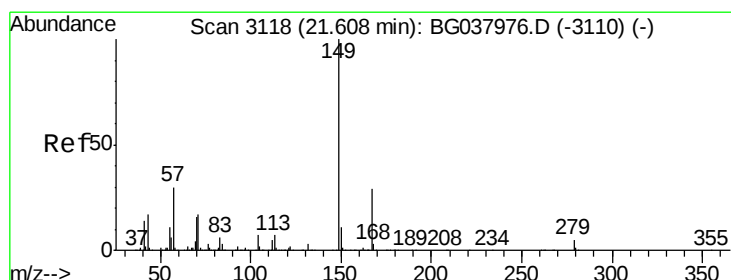
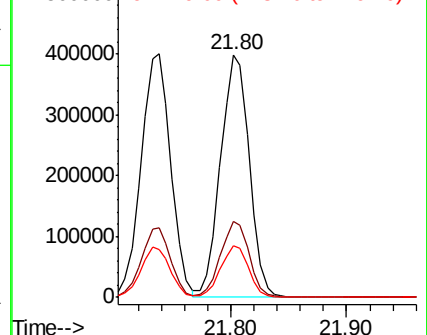
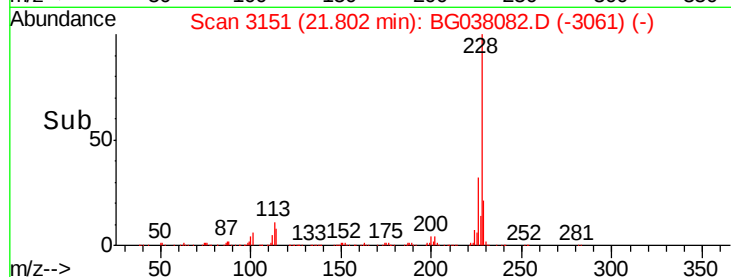


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.438 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

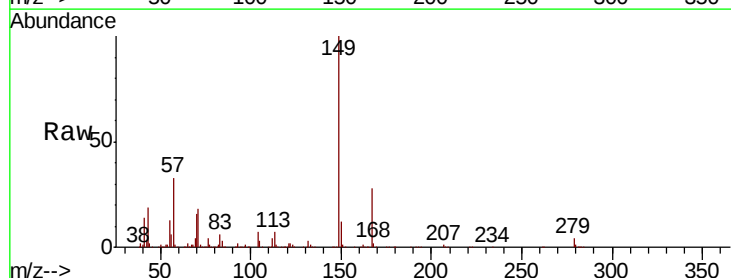
Tgt Ion:149 Resp: 485941

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	4.3	3.6	5.4

149 100

167 28.5 23.0 34.4

279 4.3 3.6 5.4

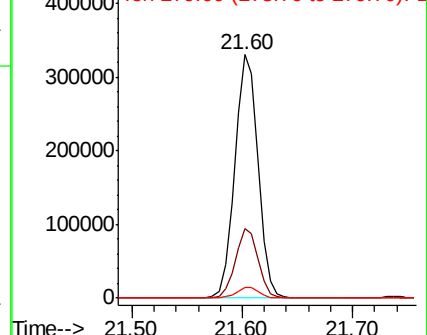
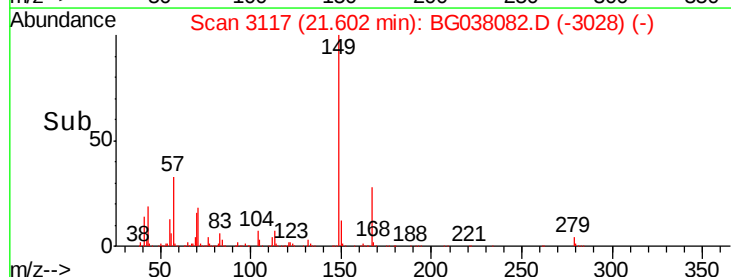


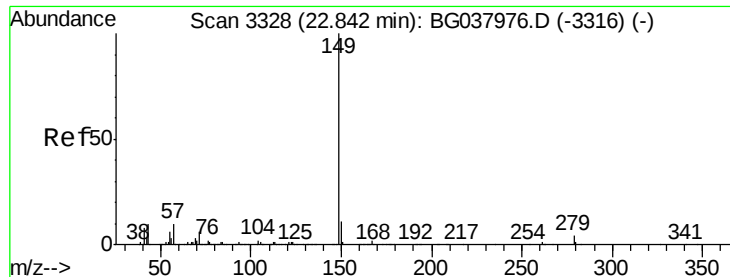
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

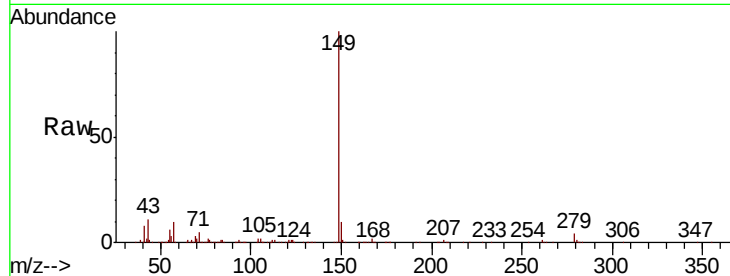




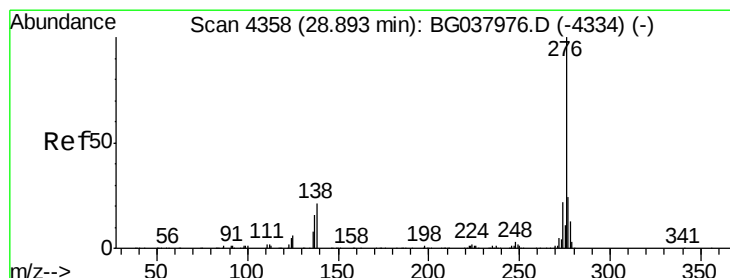
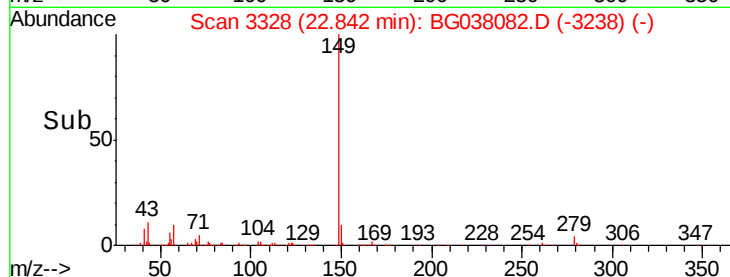
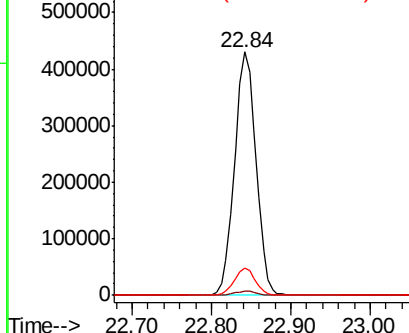
#85
Di-n-octyl phthalate
Concen: 42.501 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 806324
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.8 8.7 13.1

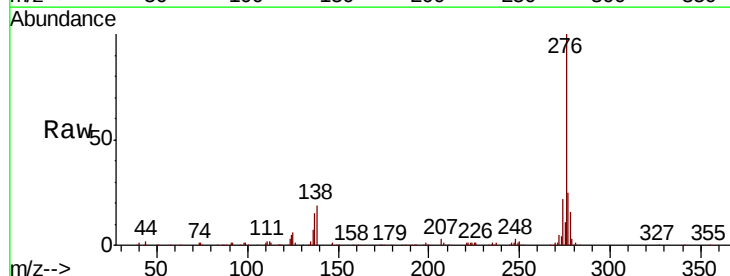


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

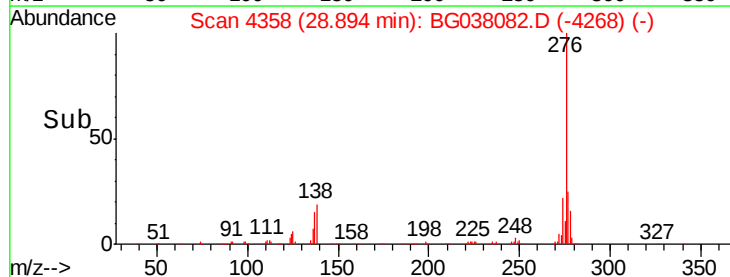
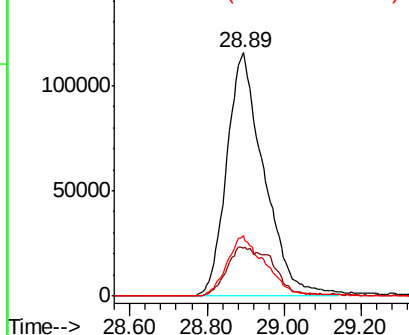


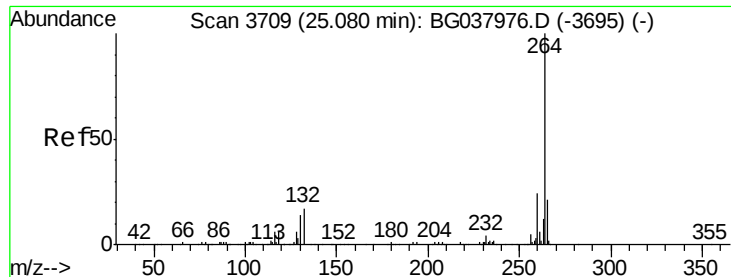
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.214 ng
RT: 28.89 min Scan# 4358
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion:276 Resp: 779639
Ion Ratio Lower Upper
276 100
138 14.1 12.0 18.0
277 25.1 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

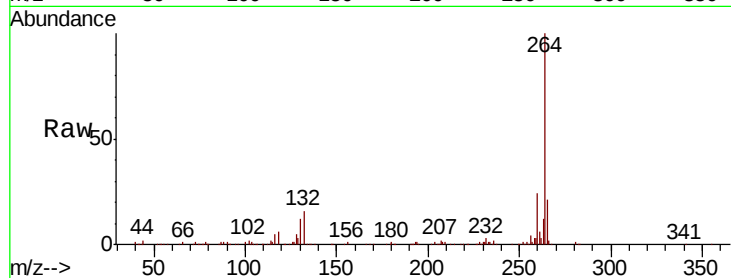
Tot Ion:264 Resp: 302731

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

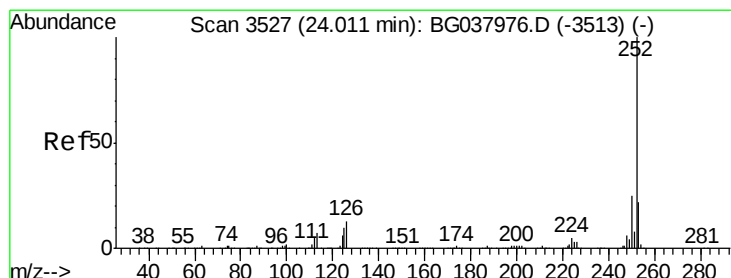
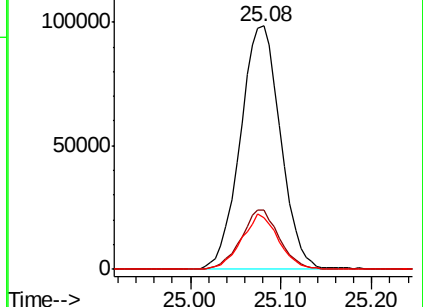
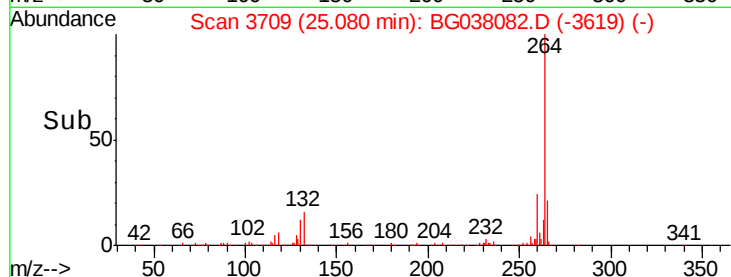
265 21.4 17.9 26.9



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: 41.860 ng

RT: 24.01 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

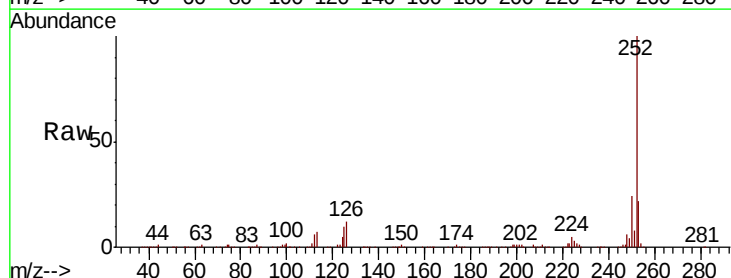
Tgt Ion:252 Resp: 697359

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

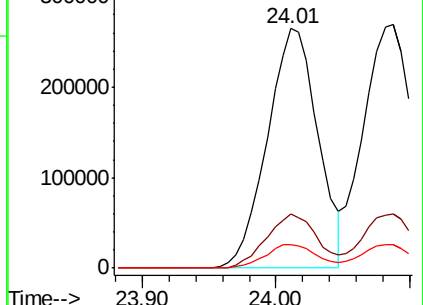
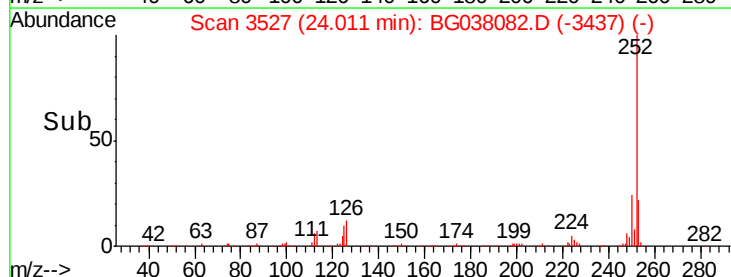
125 9.8 7.8 11.6



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

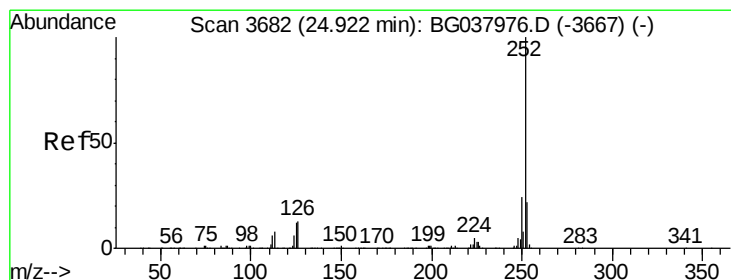
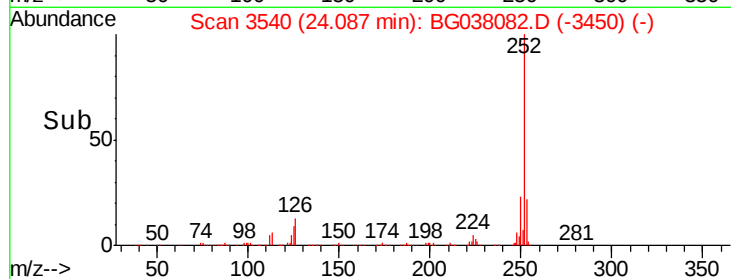
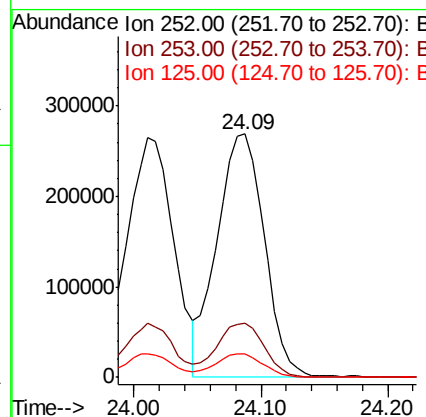
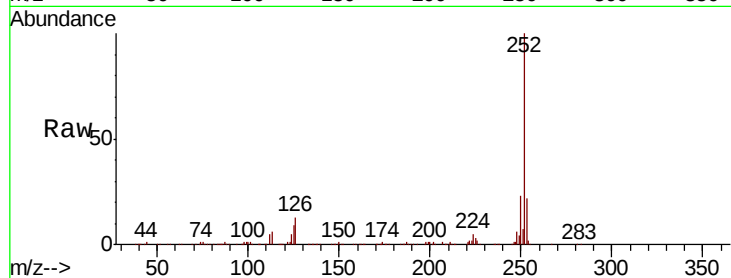




#89
Benzo(k)fluoranthene
Concen: 42.192 ng
RT: 24.09 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

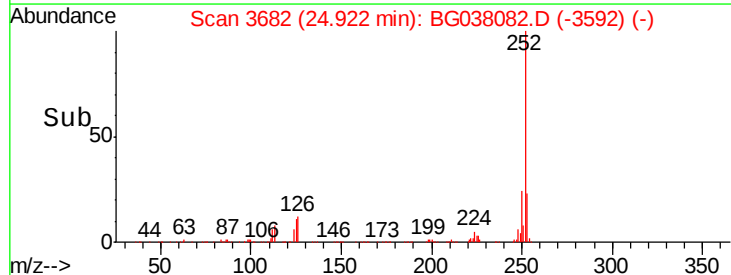
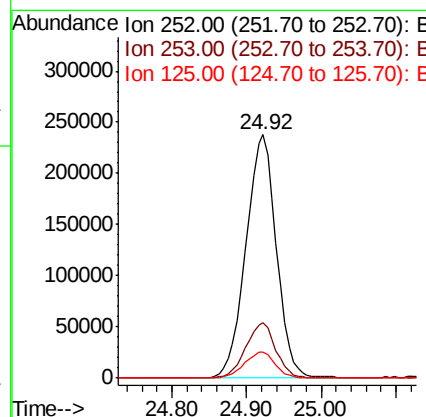
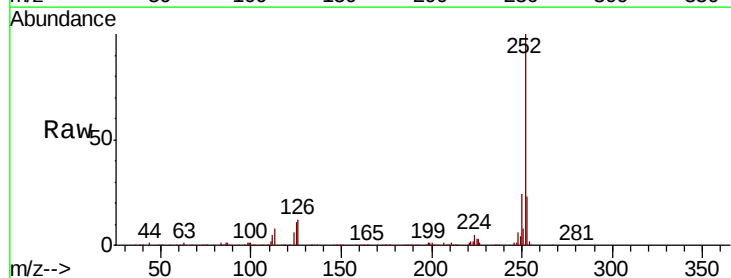
Instrument :
BNA_G
ClientSampleId :

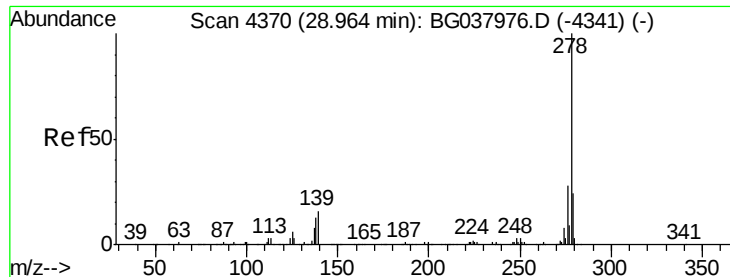
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.5	7.4	11.0



#90
Benzo(a)pyrene
Concen: 42.286 ng
RT: 24.92 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BG038082.D
Acq: 20 Nov 2018 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.8	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 42.275 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.01 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

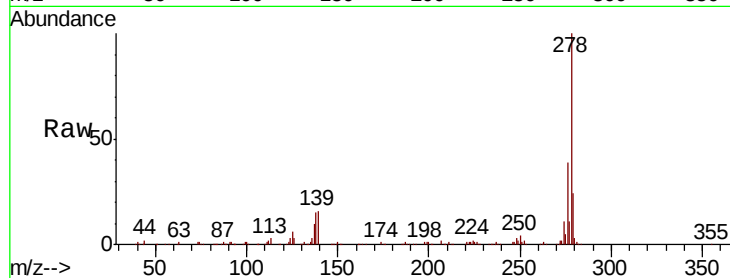
Tot Ion:278 Resp: 647601

Ion Ratio Lower Upper

278 100

139 15.8 11.5 17.3

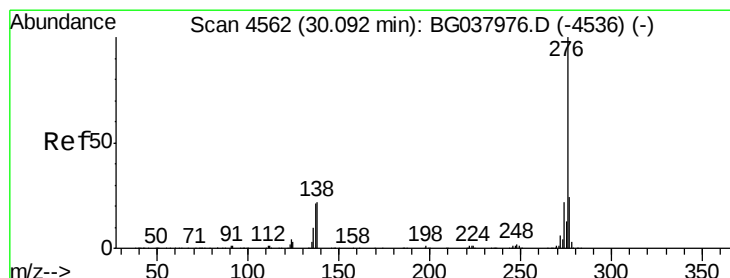
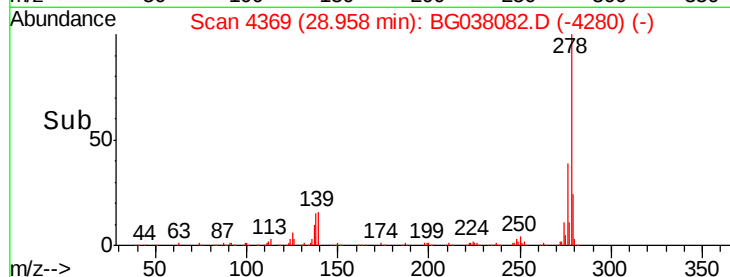
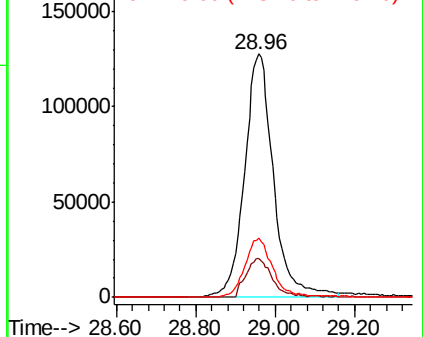
279 24.1 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.665 ng

RT: 30.09 min Scan# 4562

Delta R.T. 0.00 min

Lab File: BG038082.D

Acq: 20 Nov 2018 12:51

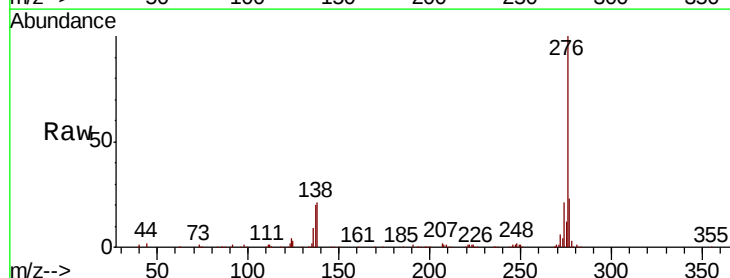
Tgt Ion:276 Resp: 619392

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 21.1 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

