

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038119.D
 Acq On : 21 Nov 2018 16:16
 Operator : JU/SJ
 Sample : PB114976BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 16:52:05 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	43538	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	186481	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116083	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	274426	20.00	ng	0.00
76) Chrysene-d12	21.75	240	251326	20.00	ng	0.00
87) Perylene-d12	25.08	264	262237	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	279872	110.99	ng	0.00
7) Phenol-d6	7.24	99	390683	108.54	ng	0.00
23) Nitrobenzene-d5	9.26	82	239354	68.71	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	134326	101.46	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	538696	67.61	ng	0.00
79) Terphenyl-d14	20.07	244	811015	75.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	29492	24.761	ng	94
3) Pyridine	3.92	79	84577	24.893	ng	98
4) n-Nitrosodimethylamine	3.84	42	46277	37.543	ng	96
6) Aniline	7.41	93	72039	15.507	ng	99
8) 2-Chlorophenol	7.65	128	105837	36.172	ng	99
9) Benzaldehyde	7.22	77	63832	24.522	ng	98
10) Phenol	7.26	94	139773	36.660	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	99834	32.074	ng	98
12) 1,3-Dichlorobenzene	7.97	146	104334	30.953	ng	97
13) 1,4-Dichlorobenzene	8.12	146	105507	30.986	ng	98
14) 1,2-Dichlorobenzene	8.44	146	102387	31.495	ng	99
15) Benzyl Alcohol	8.32	79	93508	35.901	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.60	45	198392	34.325	ng	99
17) 2-Methylphenol	8.52	107	94909	36.820	ng	97
18) Hexachloroethane	9.17	117	38804	31.313	ng	94
19) n-Nitroso-di-n-propylamine	8.89	70	83259	31.967	ng	98
20) 3+4-Methylphenols	8.85	107	131088	35.874	ng	95
22) Acetophenone	8.92	105	153657	33.117	ng	# 98
24) Nitrobenzene	9.30	77	125333	35.170	ng	98
25) Isophorone	9.82	82	231142	36.863	ng	97
26) 2-Nitrophenol	10.01	139	59379	33.377	ng	99
27) 2,4-Dimethylphenol	10.06	122	107451	40.087	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	142895	35.639	ng	98
29) 2,4-Dichlorophenol	10.54	162	110433	36.628	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	108982	32.257	ng	98
31) Naphthalene	10.96	128	324518	35.381	ng	99
32) Benzoic acid	10.18	122	41110	30.032	ng	91
33) 4-Chloroaniline	11.07	127	59373	13.916	ng	96
34) Hexachlorobutadiene	11.22	225	64500	31.019	ng	97
35) Caprolactam	11.85	113	40206	33.316	ng	98
36) 4-Chloro-3-methylphenol	12.17	107	118917	36.102	ng	99
37) 2-Methylnaphthalene	12.55	142	243307	36.930	ng	99
38) 1-Methylnaphthalene	12.77	142	231067	36.436	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	124837	32.183	ng	99

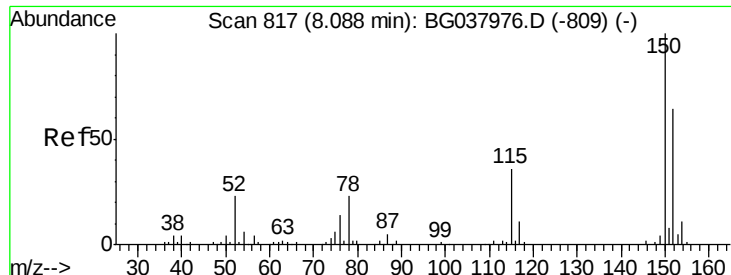
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038119.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	147055	70.798	ng	100
43) 2,4,6-Trichlorophenol	13.15	196	90497	34.237	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	97249	34.966	ng	95
46) 1,1'-Biphenyl	13.56	154	312568	32.051	ng	100
47) 2-Chloronaphthalene	13.60	162	247089	33.203	ng	98
48) 2-Nitroaniline	13.82	65	87724	37.455	ng	96
49) Acenaphthylene	14.44	152	408876	36.537	ng	100
50) Dimethylphthalate	14.17	163	323194	35.119	ng	99
51) 2,6-Dinitrotoluene	14.30	165	73905	35.483	ng	93
52) Acenaphthene	14.79	154	234061	34.742	ng	99
53) 3-Nitroaniline	14.63	138	47781	20.790	ng	# 98
54) 2,4-Dinitrophenol	14.84	184	36616	38.077	ng	# 81
55) Dibenzofuran	15.12	168	381874	34.279	ng	99
56) 4-Nitrophenol	14.93	139	116858	65.925	ng	90
57) 2,4-Dinitrotoluene	15.09	165	105693	37.296	ng	99
58) Fluorene	15.77	166	308530	37.119	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	84312	36.228	ng	97
60) Diethylphthalate	15.52	149	333363	34.105	ng	98
61) 4-Chlorophenyl-phenylether	15.76	204	161873	33.283	ng	98
62) 4-Nitroaniline	15.80	138	81055	35.501	ng	94
63) Azobenzene	16.05	77	312506	35.757	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	43292	24.941	ng	95
66) n-Nitrosodiphenylamine	15.97	169	281457	33.902	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	100021	33.207	ng	97
68) Hexachlorobenzene	16.76	284	103035	33.140	ng	98
69) Atrazine	16.91	200	105576	34.497	ng	100
70) Pentachlorophenol	17.11	266	104602	49.538	ng	97
71) Phenanthrene	17.51	178	516627	36.770	ng	98
72) Anthracene	17.61	178	516706	37.308	ng	99
73) Carbazole	17.88	167	476058	34.260	ng	98
74) Di-n-butylphthalate	18.40	149	575962	36.925	ng	99
75) Fluoranthene	19.52	202	610075	38.058	ng	99
77) Benzidine	19.70	184	112662	12.775	ng	99
78) Pyrene	19.88	202	610626	37.161	ng	98
80) Butylbenzylphthalate	20.75	149	264712	36.838	ng	97
81) Benzo(a)anthracene	21.73	228	573256	37.744	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	116192	19.640	ng	99
83) Chrysene	21.80	228	534094	36.754	ng	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	374093	36.505	ng	100
85) Di-n-octyl phthalate	22.84	149	632853	38.172	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	596193	36.941	ng	99
88) Benzo(b)fluoranthene	24.01	252	561207	38.889	ng	99
89) Benzo(k)fluoranthene	24.08	252	539432	37.882	ng	99
90) Benzo(a)pyrene	24.91	252	546649	39.637	ng	100
91) Dibenzo(a,h)anthracene	28.95	278	487472	36.735	ng	98
92) Benzo(g,h,i)perylene	30.09	276	477772	36.210	ng	99

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

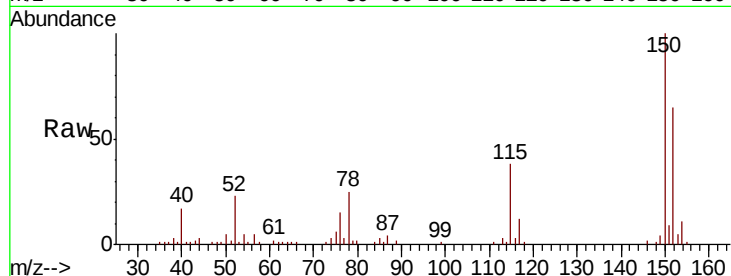


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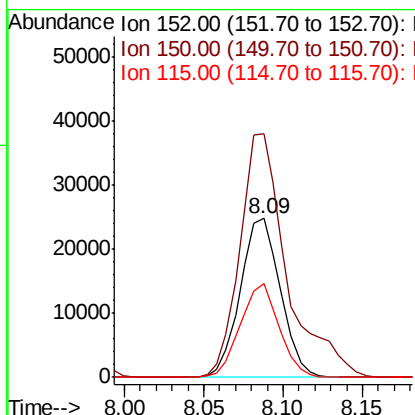
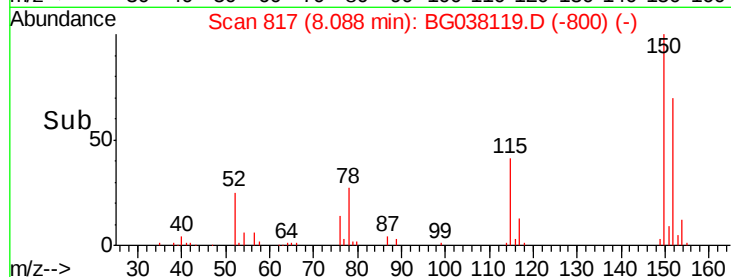
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43538
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 58.6 45.5 68.3



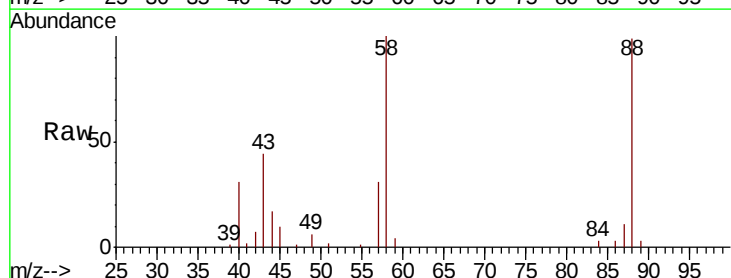
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



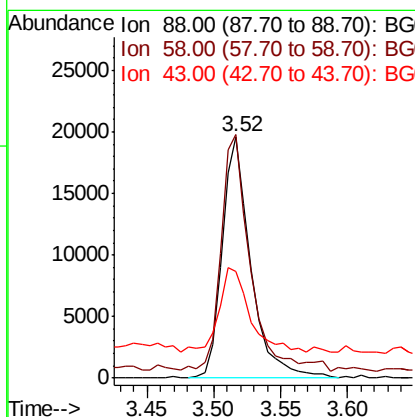
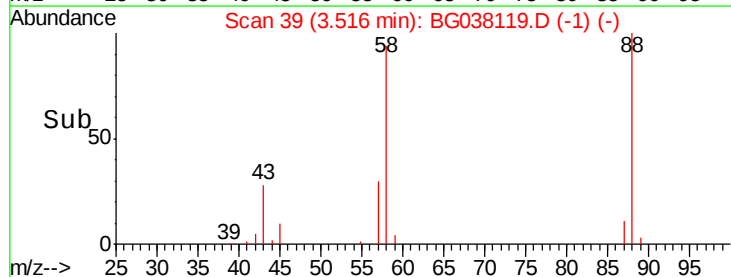
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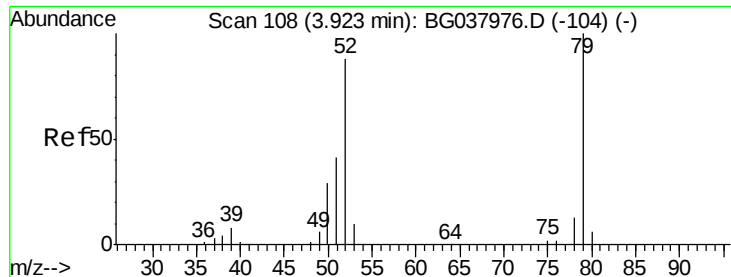
1,4-Dioxane
Concen: 24.761 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion: 88 Resp: 29492
Ion Ratio Lower Upper
88 100
58 97.5 74.4 111.6
43 36.8 25.8 38.8



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





#3

Pvridine

Concen: 24.893 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampled :

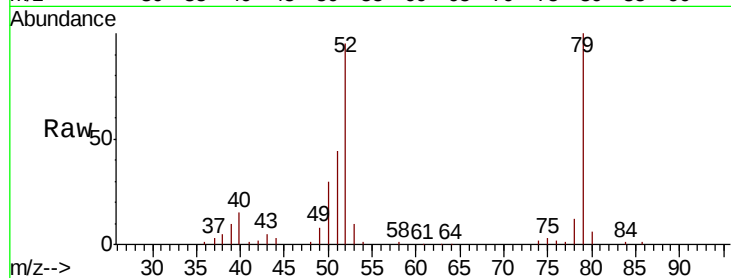
Tot Ion: 79 Resp: 84577

Ion Ratio Lower Upper

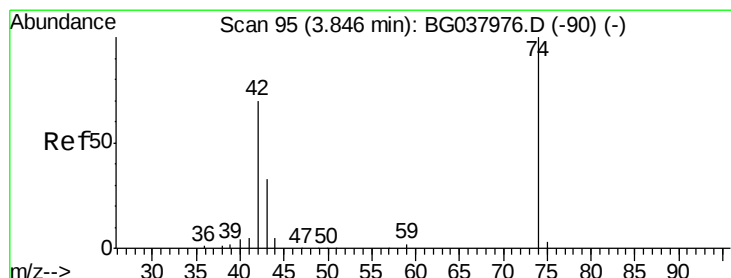
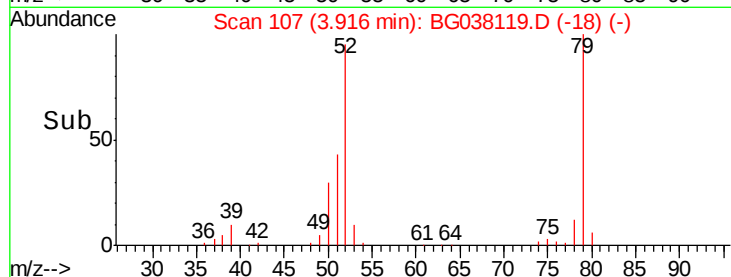
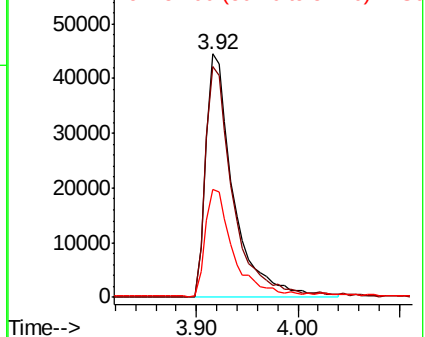
79 100

52 95.0 74.2 111.2

51 44.1 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: 37.543 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

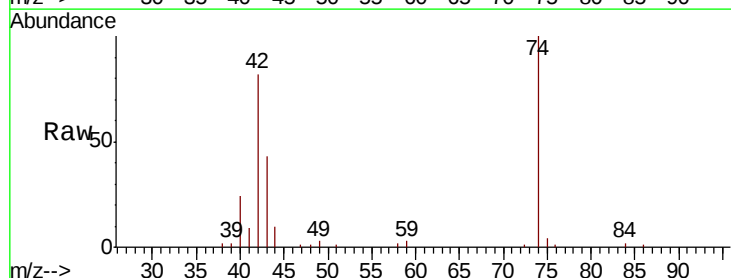
Tgt Ion: 42 Resp: 46277

Ion Ratio Lower Upper

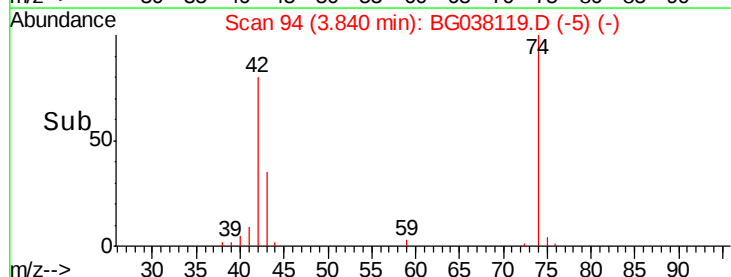
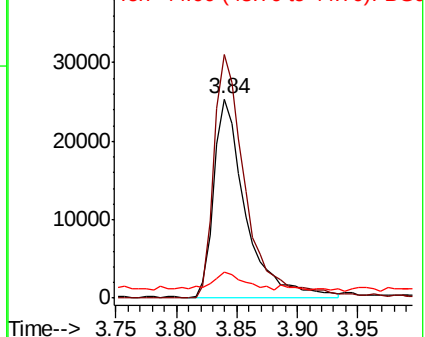
42 100

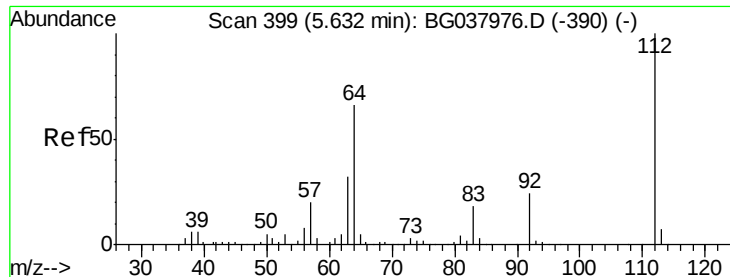
74 122.4 102.0 153.0

44 12.9 9.6 14.4



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





#5

2-Fluorophenol

Concen: 110.987 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampled :

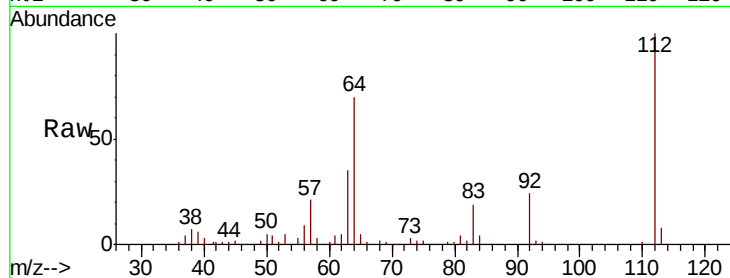
Tot Ion: 112 Resp: 279872

Ion Ratio Lower Upper

112 100

64 69.9 53.1 79.7

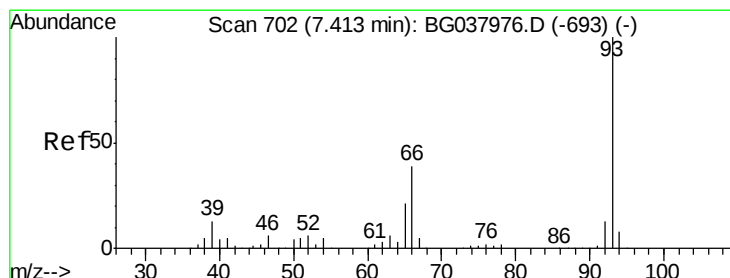
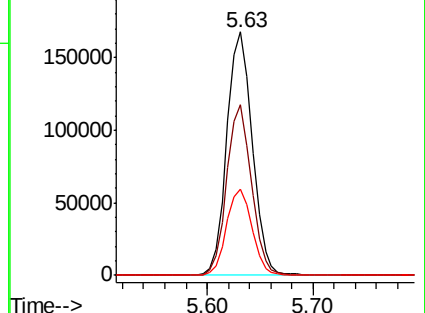
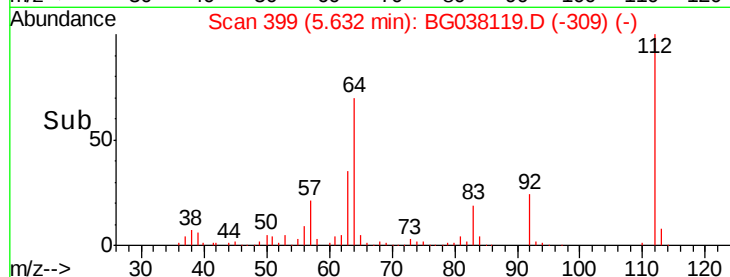
63 35.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.507 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

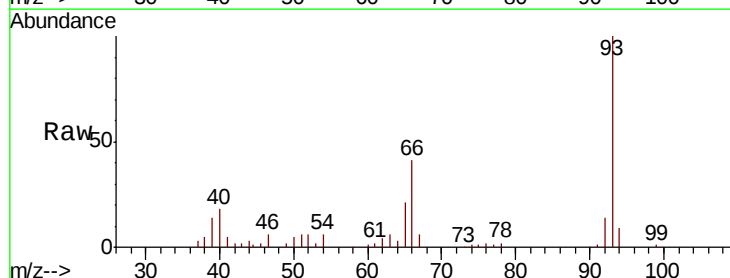
Tgt Ion: 93 Resp: 72039

Ion Ratio Lower Upper

93 100

66 41.2 32.8 49.2

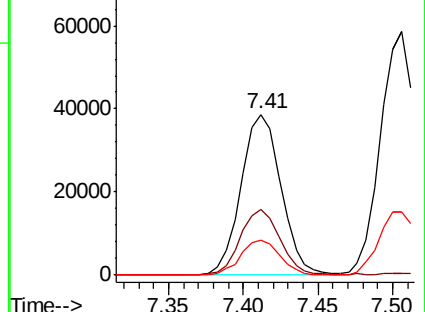
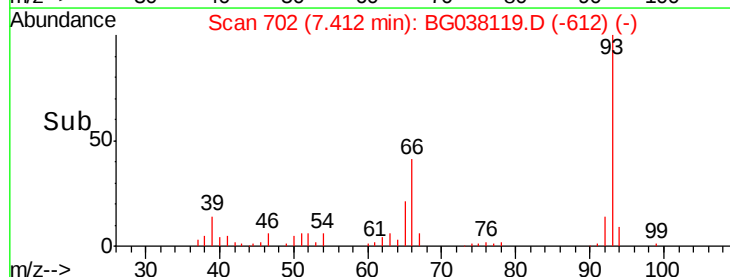
65 21.5 16.4 24.6

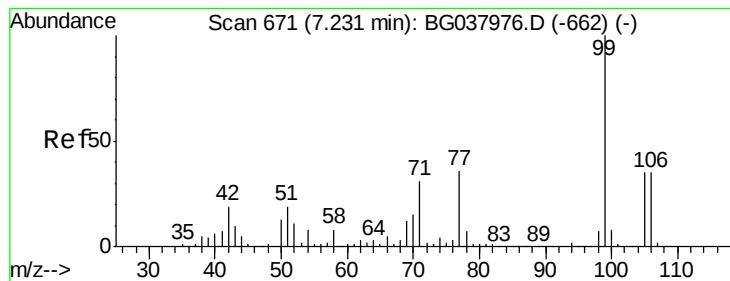


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.538 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampled :

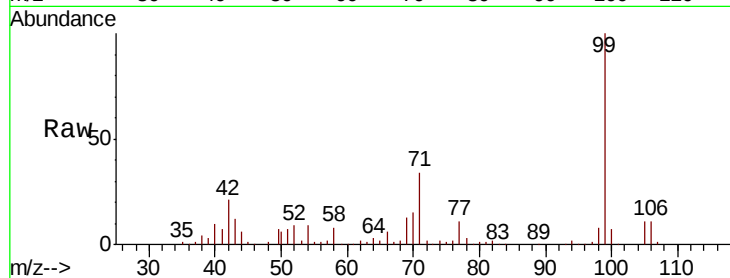
Tot Ion: 99 Resp: 390683

Ion Ratio Lower Upper

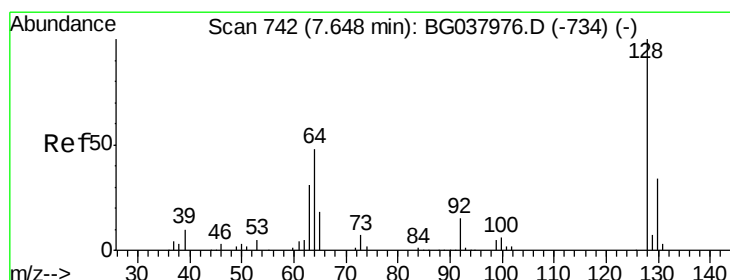
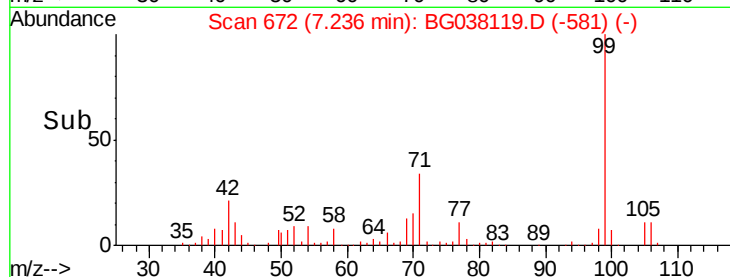
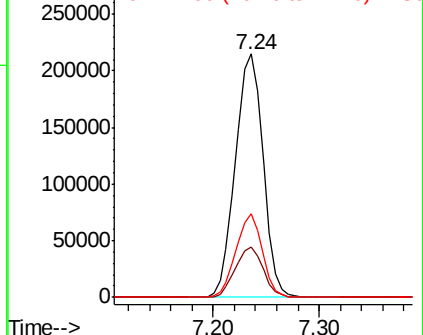
99 100

42 20.8 15.0 22.4

71 34.2 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: 36.172 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

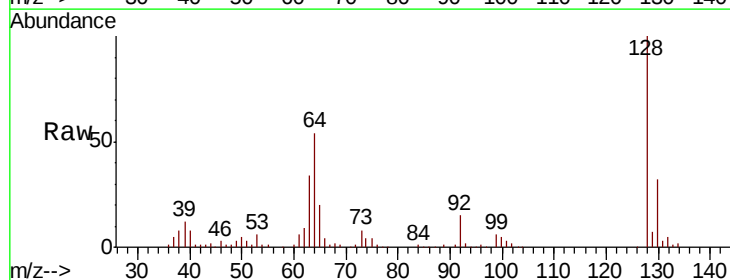
Tgt Ion: 128 Resp: 105837

Ion Ratio Lower Upper

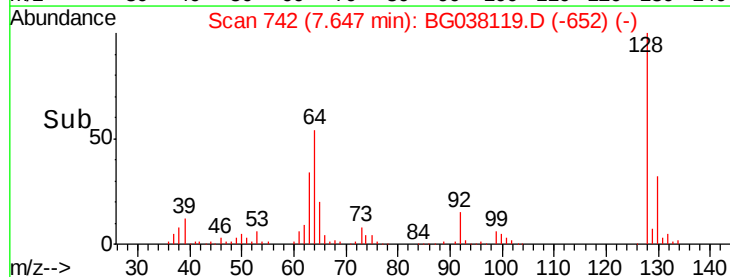
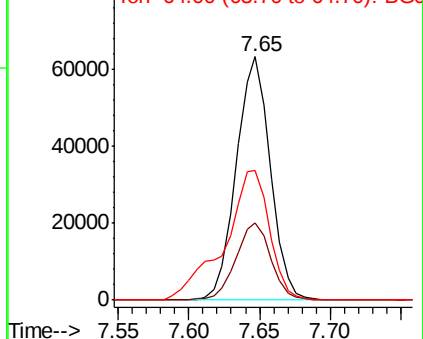
128 100

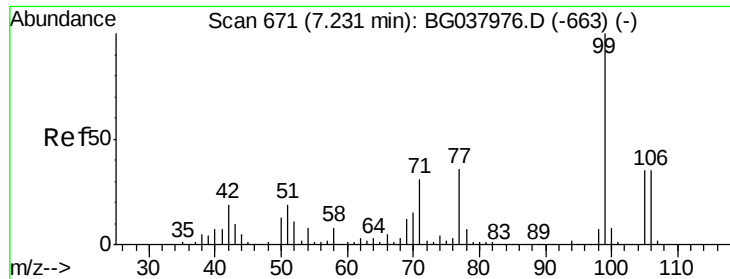
130 31.8 12.0 52.0

64 53.5 32.9 72.9



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





#9

Benzaldehyde

Concen: 24.522 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampled :

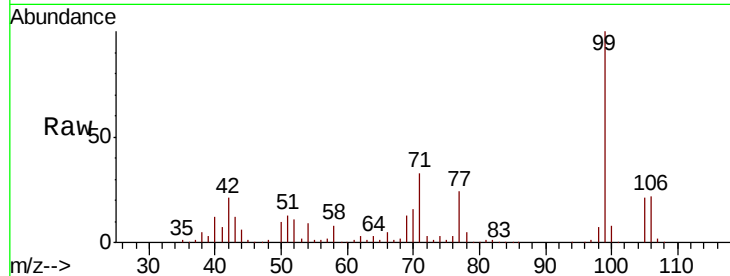
Tot Ion: 77 Resp: 63832

Ion Ratio Lower Upper

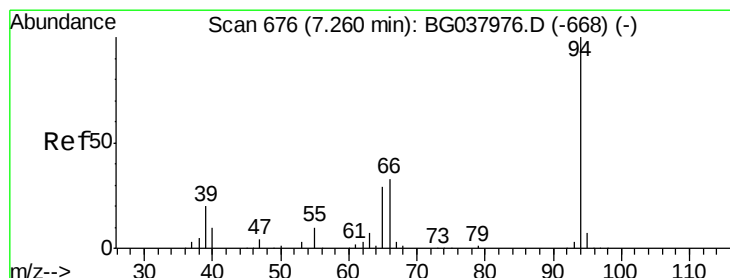
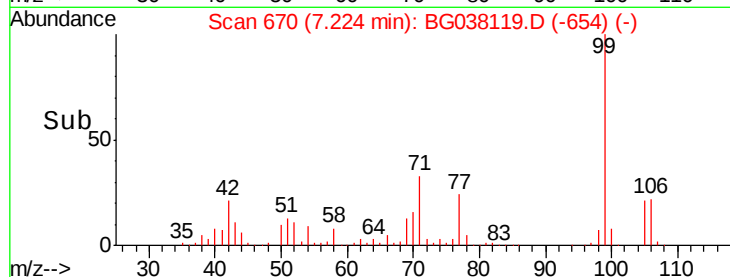
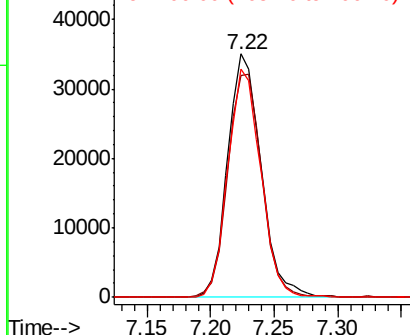
77 100

105 91.0 72.6 112.6

106 94.0 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: 36.660 ng

RT: 7.26 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

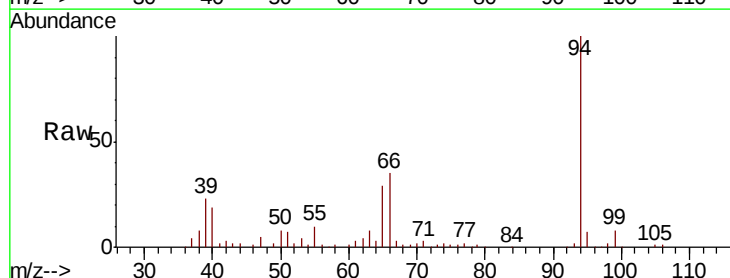
Tgt Ion: 94 Resp: 139773

Ion Ratio Lower Upper

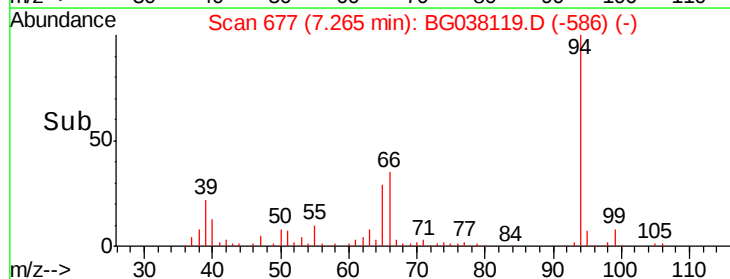
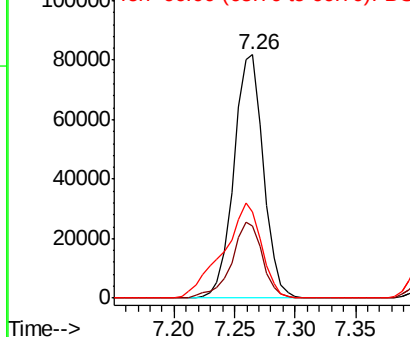
94 100

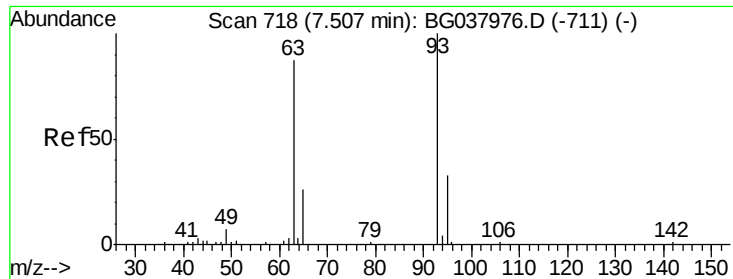
65 29.4 9.7 49.7

66 35.3 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: 32.074 ng

RT: 7.51 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

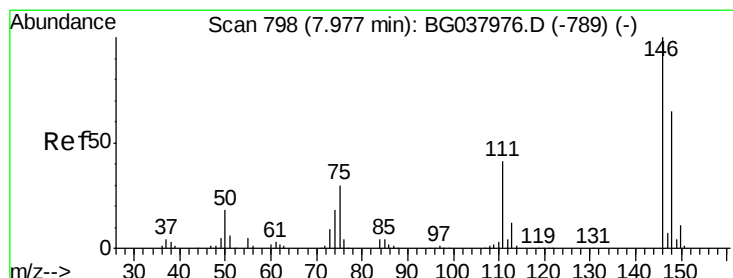
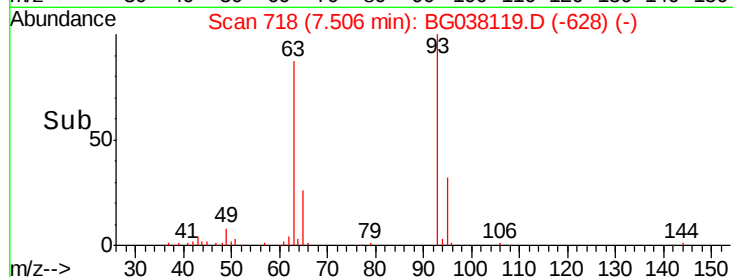
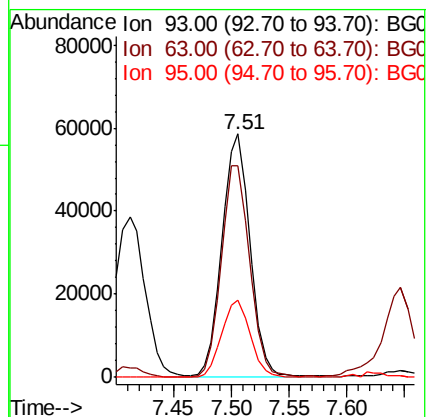
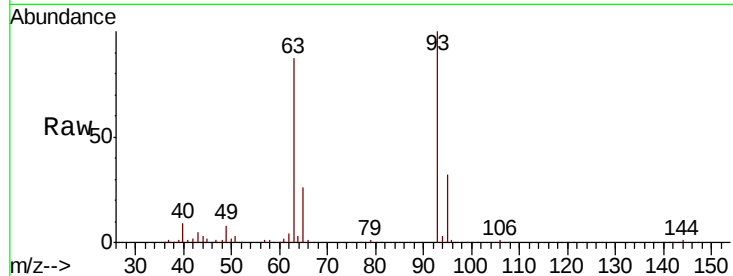
Tot Ion: 93 Resp: 99834

Ion Ratio Lower Upper

93 100

63 86.8 69.5 109.5

95 31.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 30.953 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

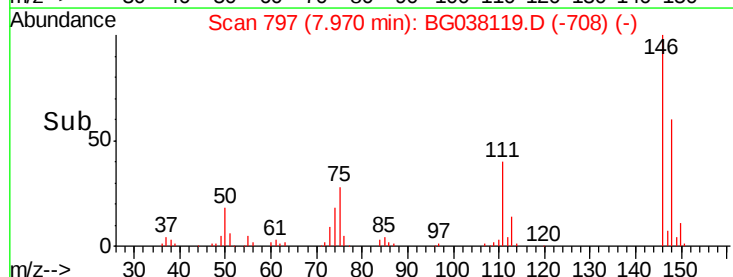
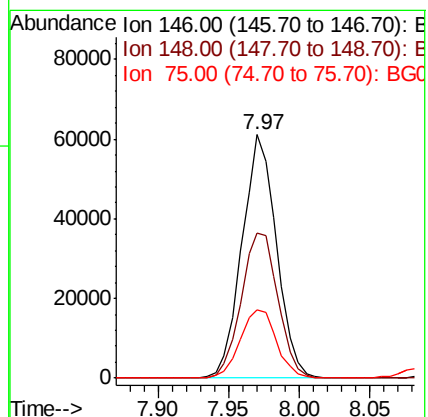
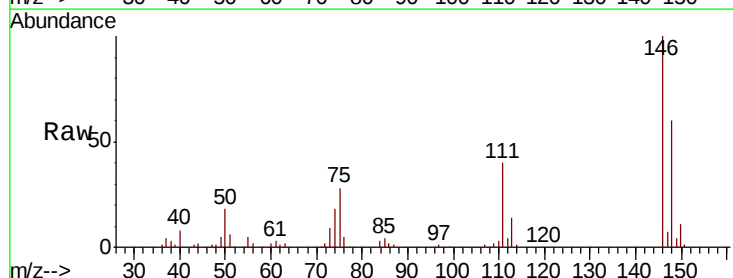
Tgt Ion: 146 Resp: 104334

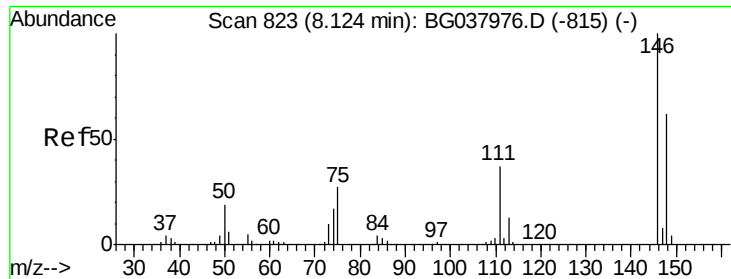
Ion Ratio Lower Upper

146 100

148 59.8 49.8 74.8

75 28.3 23.2 34.8

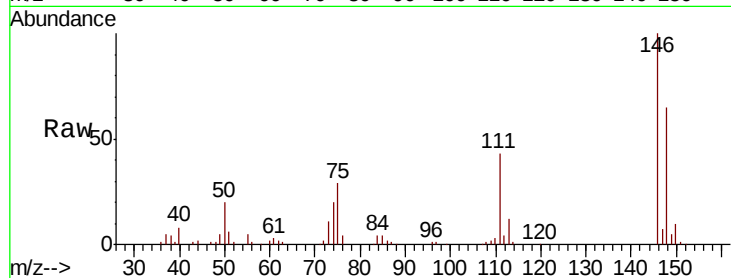




#13
 1,4-Dichlorobenzene
 Concen: 30.986 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	146	Resp	105507
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
111	42.8	32.4	48.6

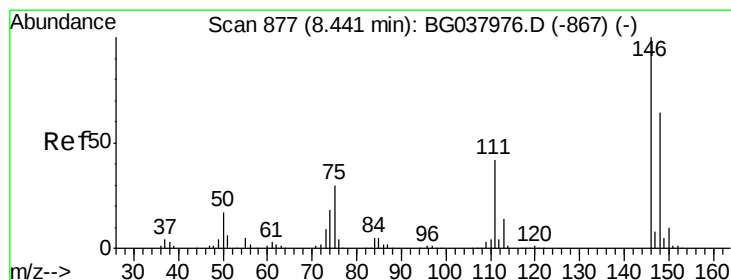
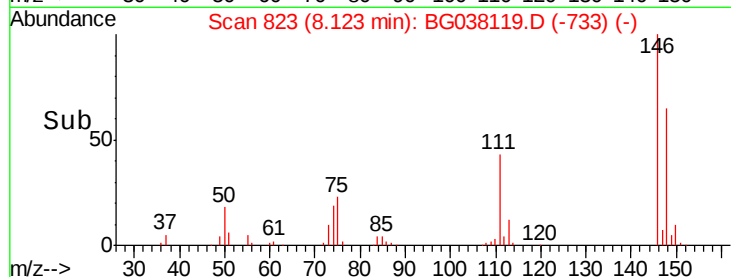
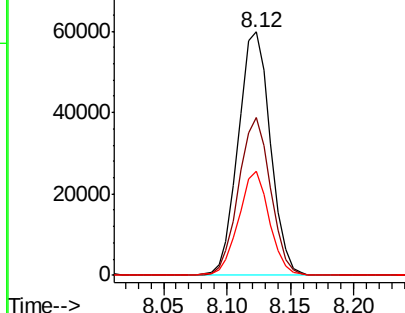


Abundance

Ion 146.00 (145.70 to 146.70): E

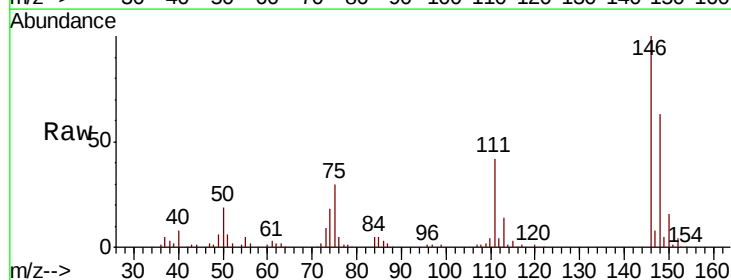
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 31.495 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion	146	Resp	102387
Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	41.9	34.6	51.8

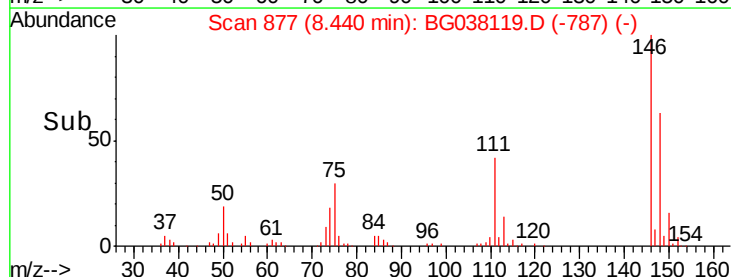
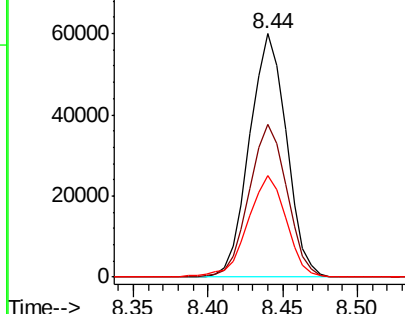


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.901 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

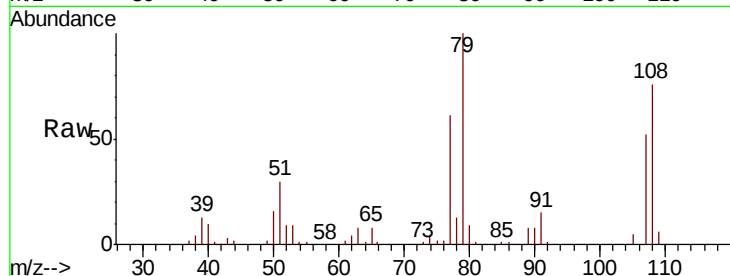
Tot Ion: 79 Resp: 93508

Ion Ratio Lower Upper

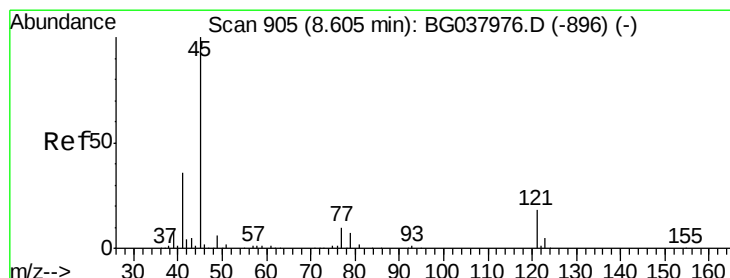
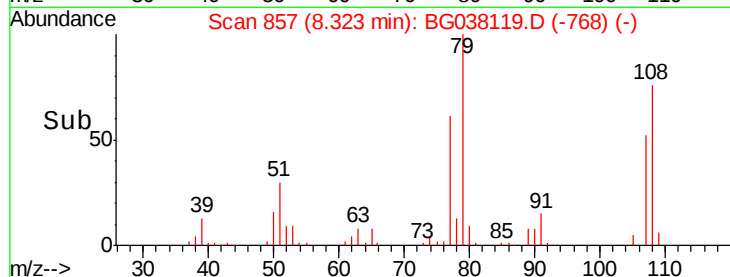
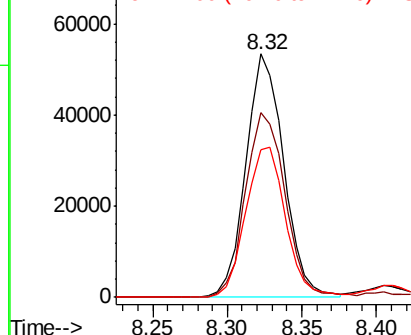
79 100

108 75.7 65.8 98.8

77 60.6 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: 34.325 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

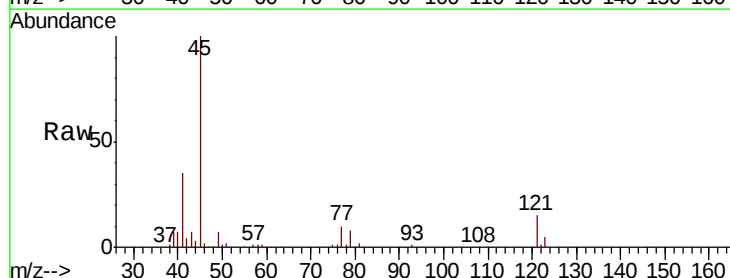
Tgt Ion: 45 Resp: 198392

Ion Ratio Lower Upper

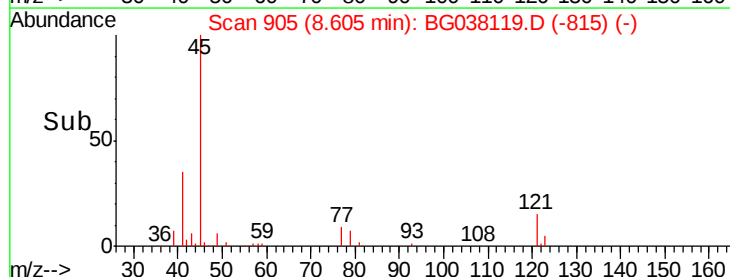
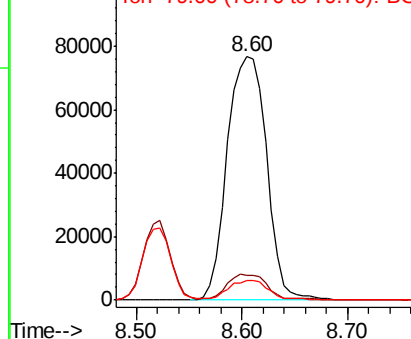
45 100

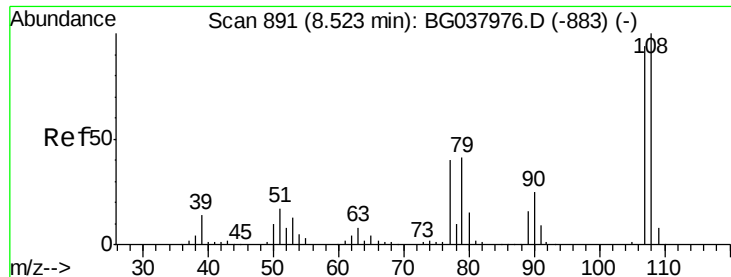
77 10.0 0.0 30.0

79 8.1 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: 36.820 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 94909

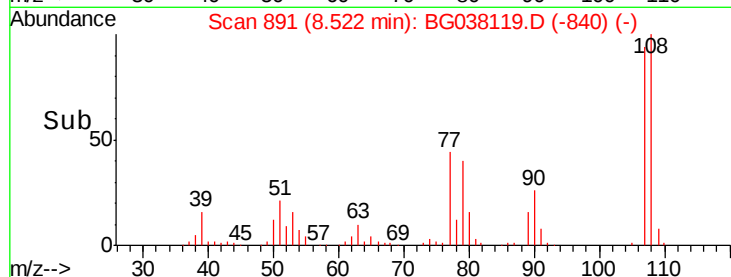
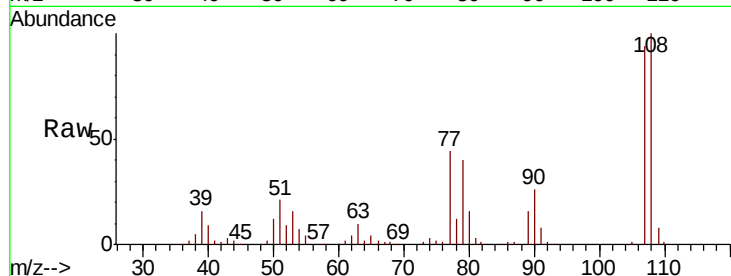
Ion Ratio Lower Upper

107 100

108 106.4 87.9 131.9

77 47.1 35.1 52.7

79 42.5 34.5 51.7

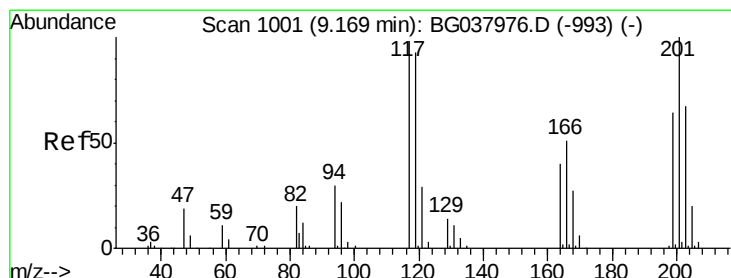
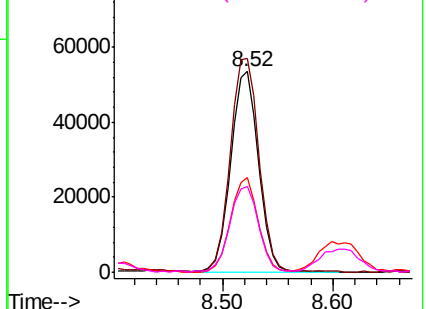


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 31.313 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

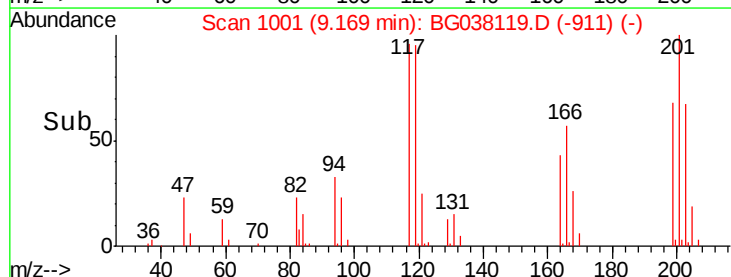
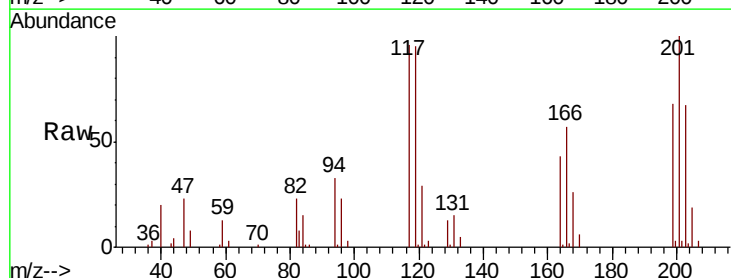
Tgt Ion:117 Resp: 38804

Ion Ratio Lower Upper

117 100

119 98.9 74.6 111.8

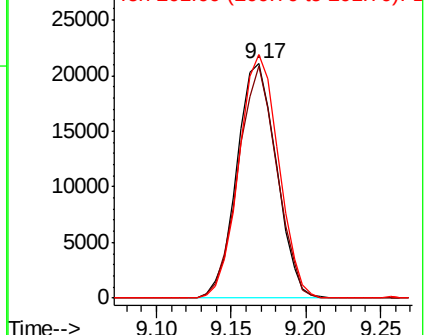
201 107.3 80.8 121.2

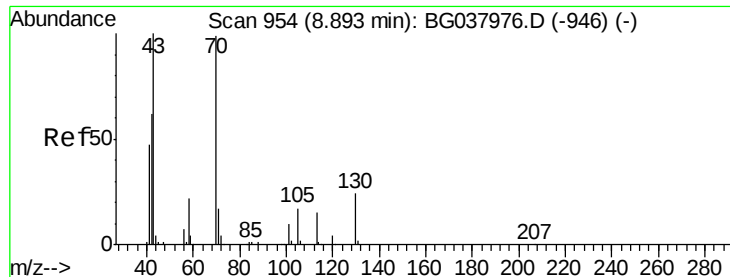


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

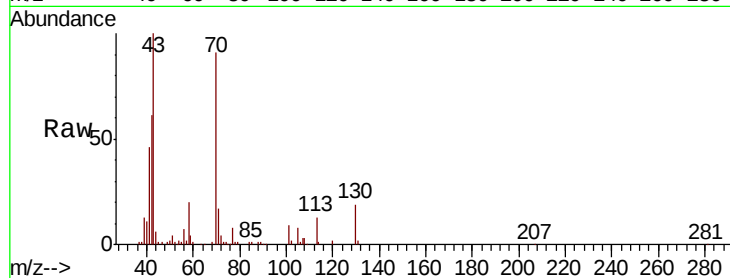




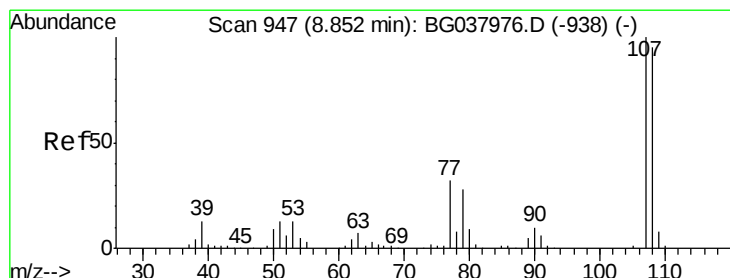
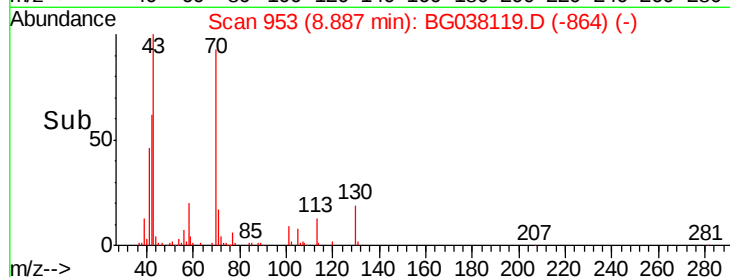
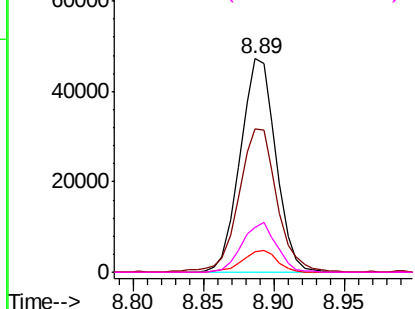
#19
n-Nitroso-di-n-propylamine
Concen: 31.967 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	83259
Ion	Ratio	Lower	Upper
70	100		
42	66.9	53.9	80.9
101	9.4	8.2	12.2
130	20.8	18.2	27.4

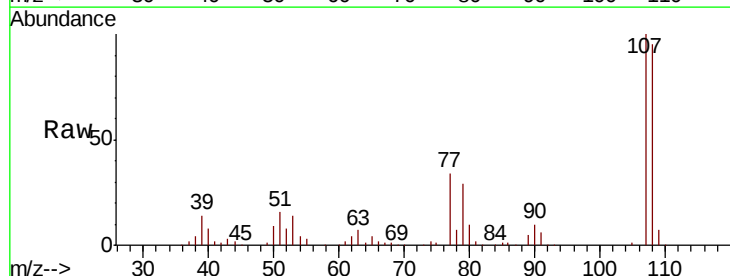


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

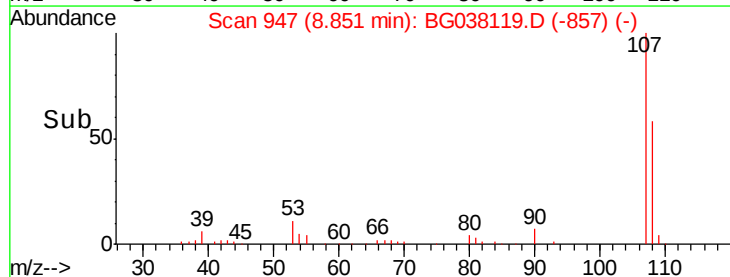
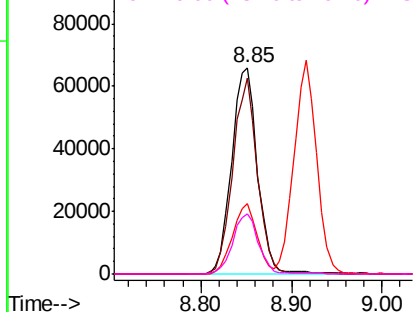


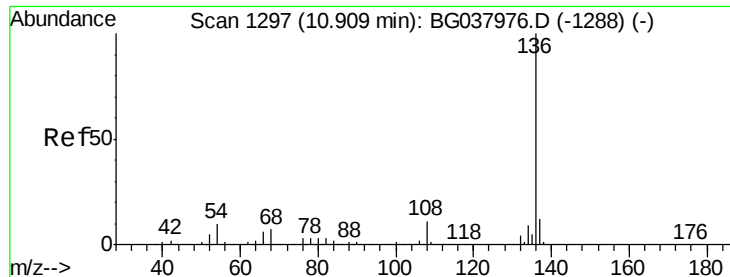
#20
3+4-Methylphenols
Concen: 35.874 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:	107	Resp:	131088
Ion	Ratio	Lower	Upper
107	100		
108	95.1	69.9	109.9
77	33.9	11.2	51.2
79	29.2	6.6	46.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 186481

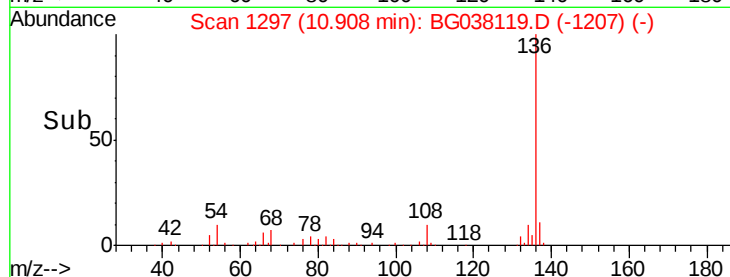
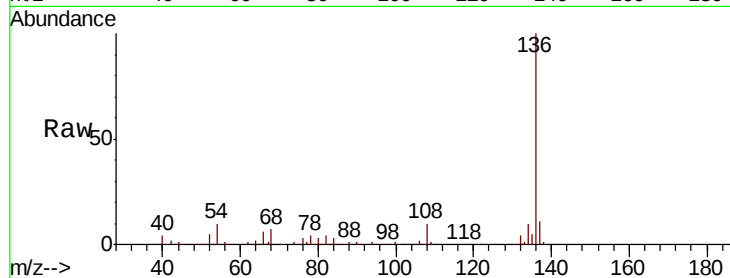
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 10.1 7.9 11.9

68 6.6 4.8 7.2

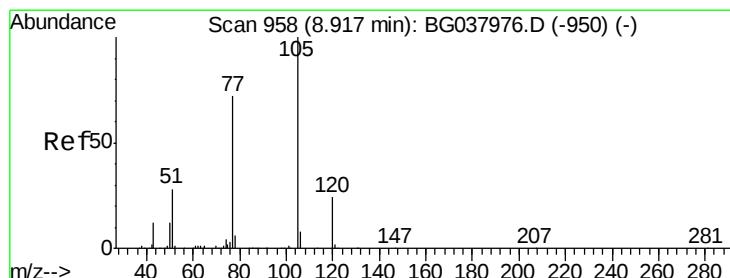
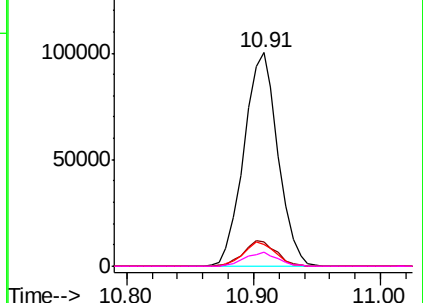


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.117 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:105 Resp: 153657

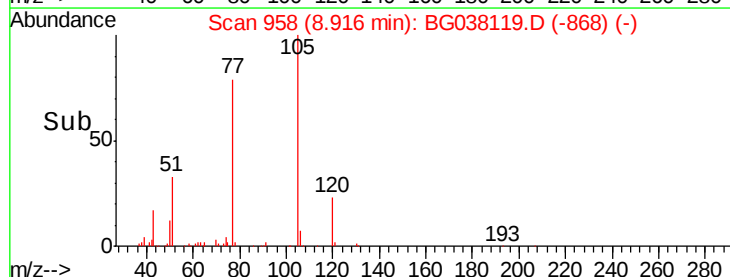
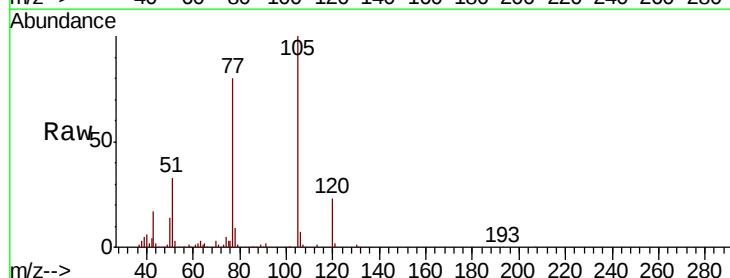
Ion Ratio Lower Upper

105 100

71 0.7 1.2 1.8#

51 33.1 25.0 37.6

120 22.7 18.6 28.0

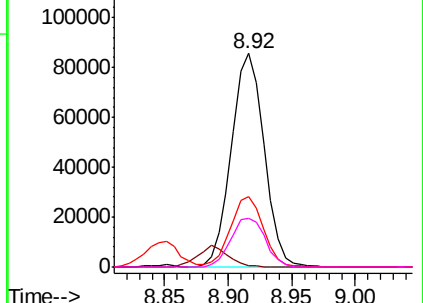


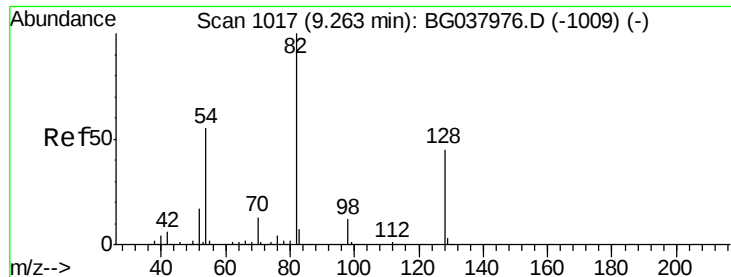
Abundance Ion 105.00 (104.70 to 105.70): E

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

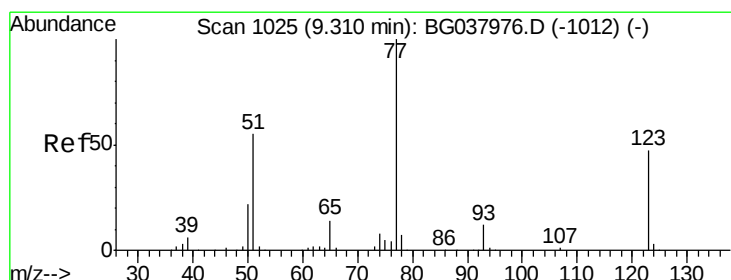
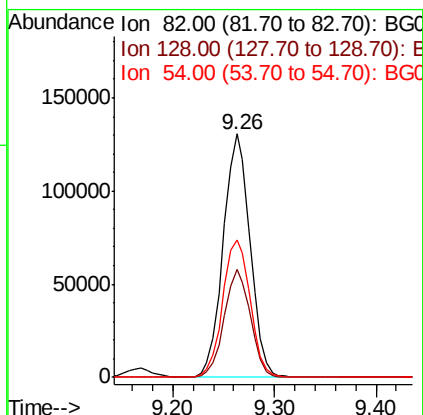
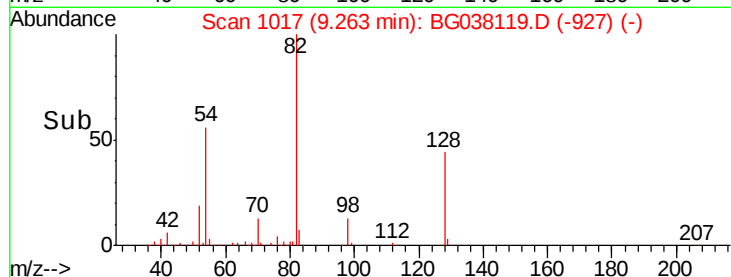
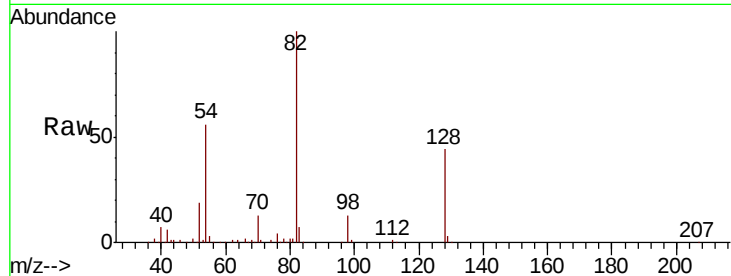




#23
Nitrobenzene-d5
Concen: 68.708 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

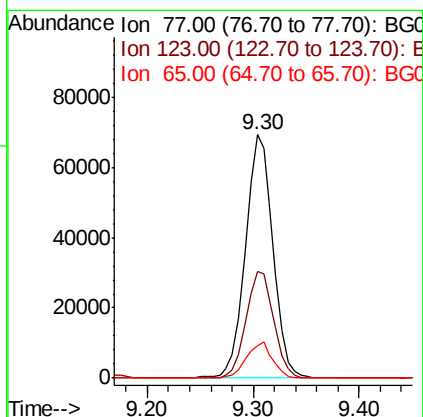
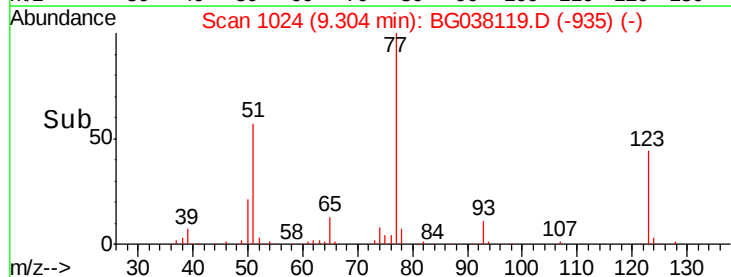
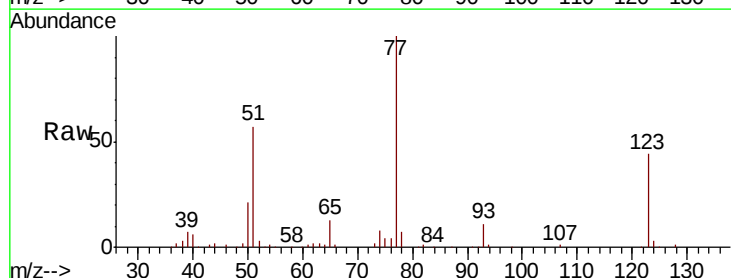
Instrument :
BNA_G
ClientSampleId :

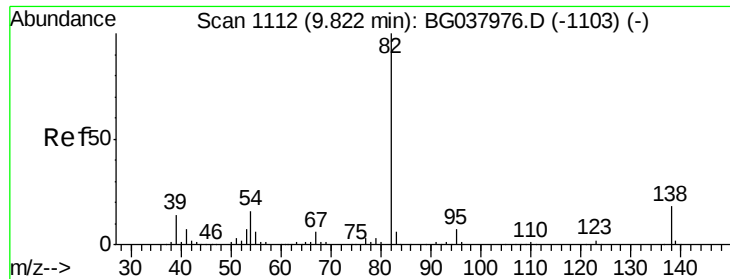
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	56.5	45.3	67.9



#24
Nitrobenzene
Concen: 35.170 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	33.6	50.4
65	13.4	11.3	16.9





#25

Isophorone

Concen: 36.863 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

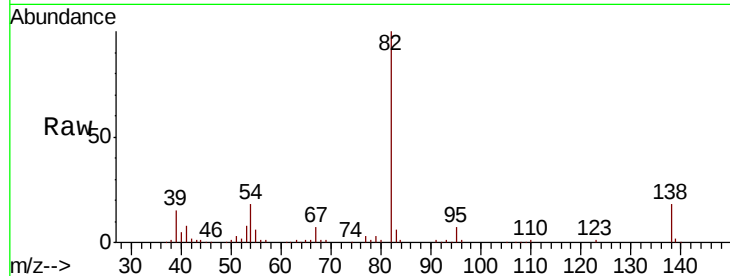
Tot Ion: 82 Resp: 231142

Ion Ratio Lower Upper

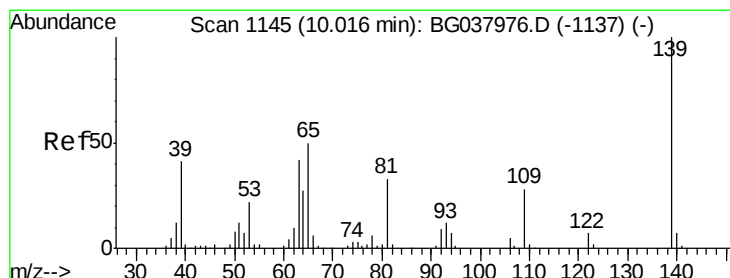
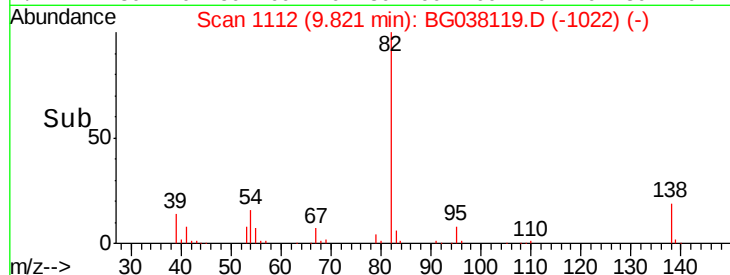
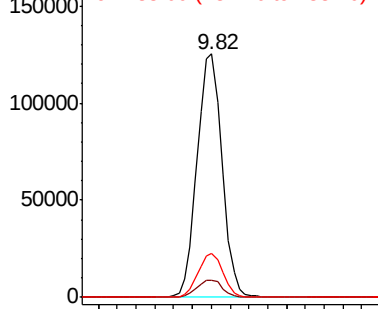
82 100

95 7.1 5.3 7.9

138 18.1 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 33.377 ng

RT: 10.01 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

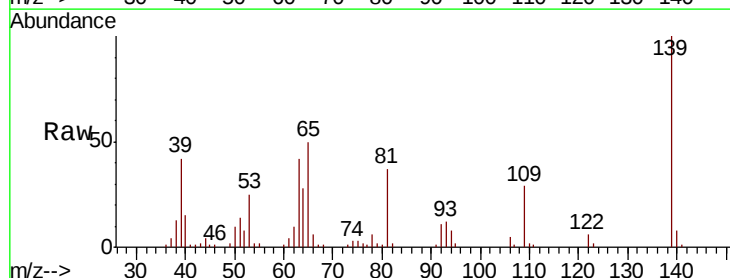
Tgt Ion: 139 Resp: 59379

Ion Ratio Lower Upper

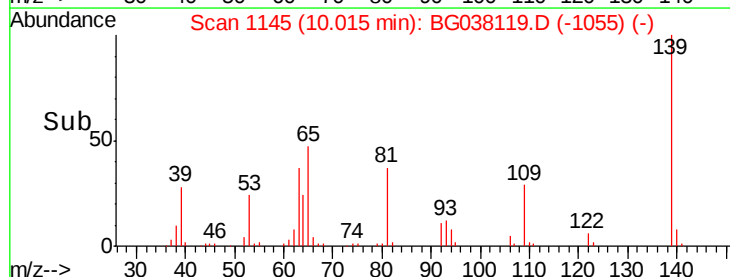
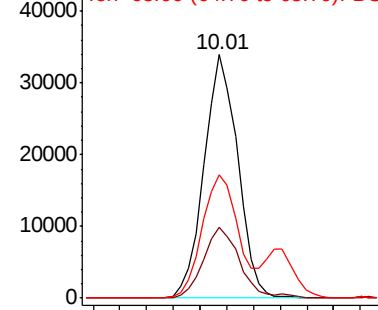
139 100

109 29.3 23.3 34.9

65 50.4 39.8 59.8



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

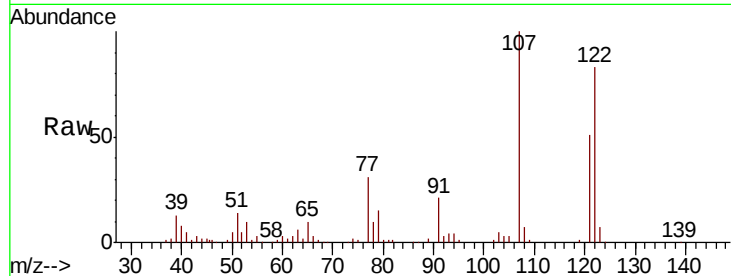




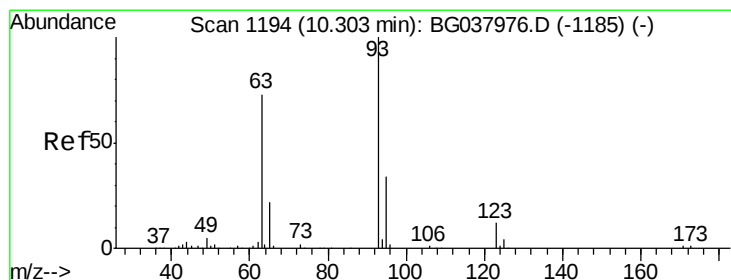
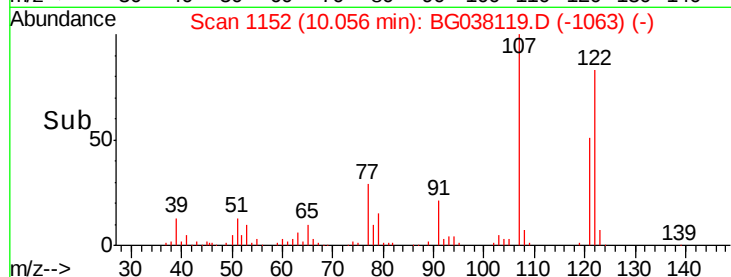
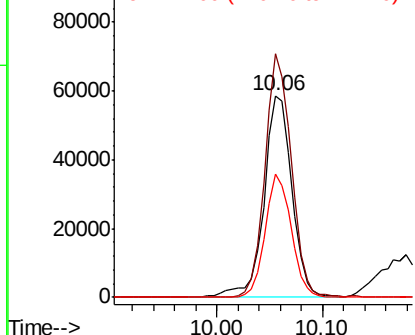
#27
 2,4-Dimethylphenol
 Concen: 40.087 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 107451
 Ion Ratio Lower Upper
 122 100
 107 120.6 94.2 141.2
 121 60.9 47.3 70.9

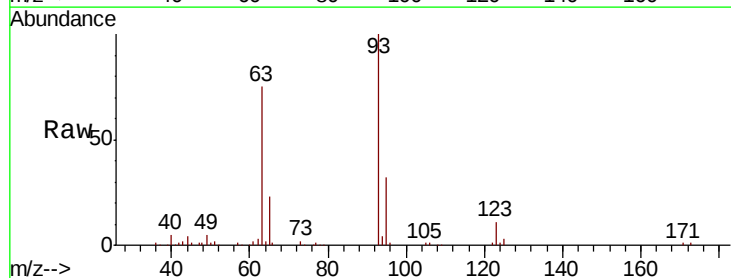


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

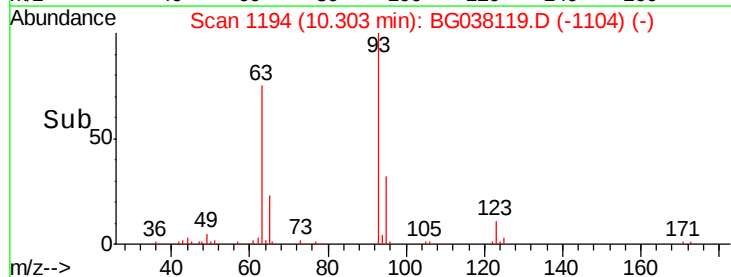
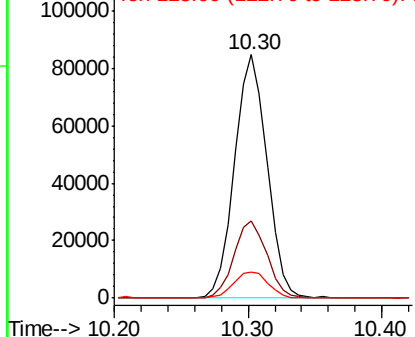


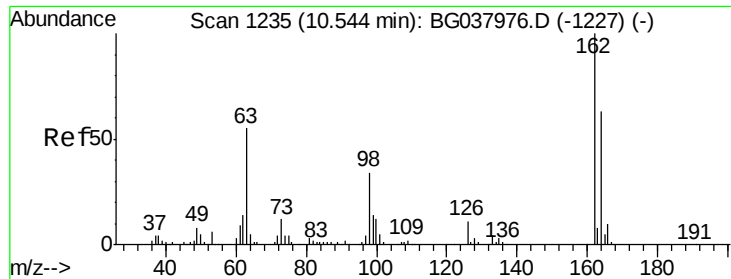
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.639 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion: 93 Resp: 142895
 Ion Ratio Lower Upper
 93 100
 95 32.0 24.6 37.0
 123 10.9 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

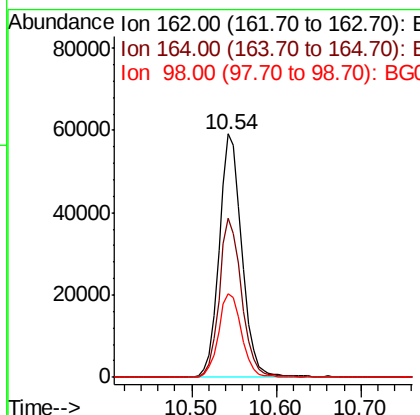
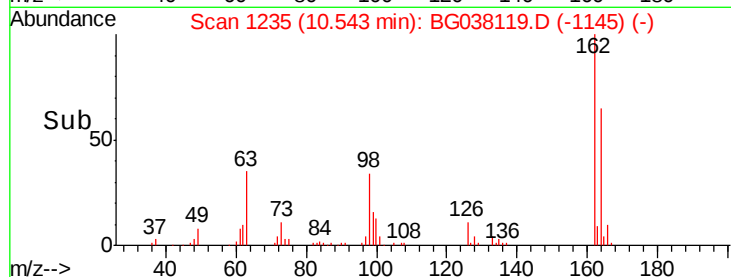
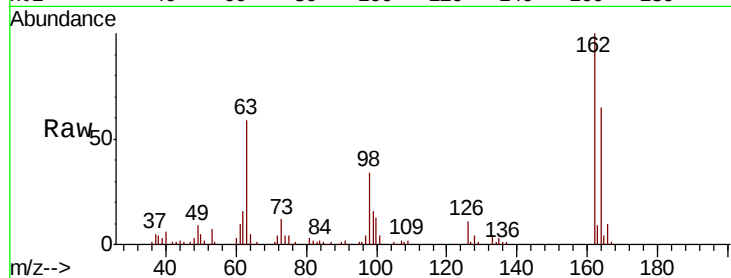




#29
2,4-Dichlorophenol
Concen: 36.628 ng
RT: 10.54 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

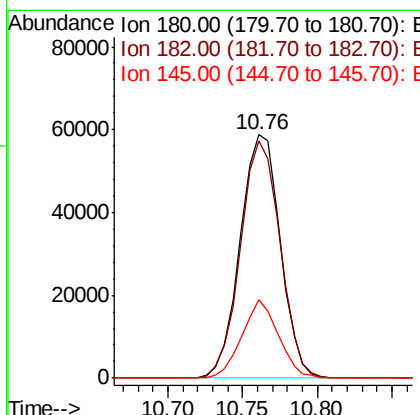
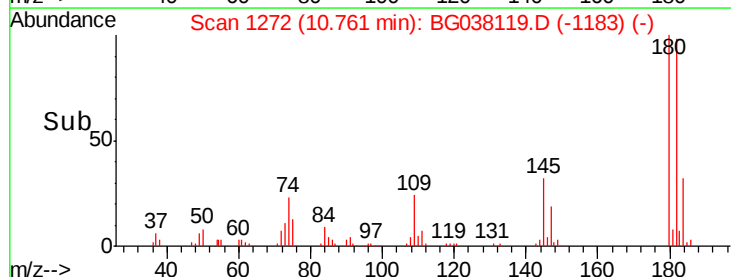
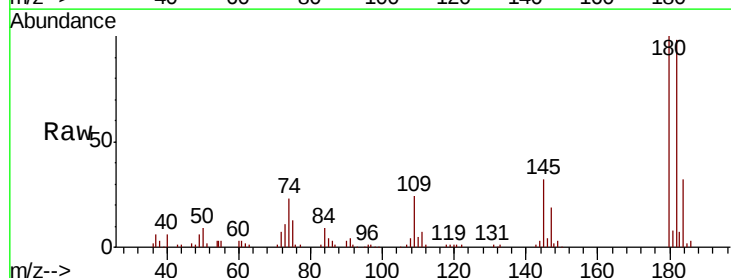
Instrument :
BNA_G
ClientSampleId :

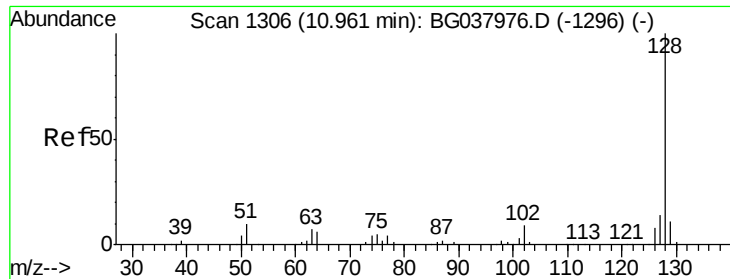
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.2	83.2
98	34.2	16.0	56.0



#30
1,2,4-Trichlorobenzene
Concen: 32.257 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.7	116.5
145	32.2	23.3	34.9

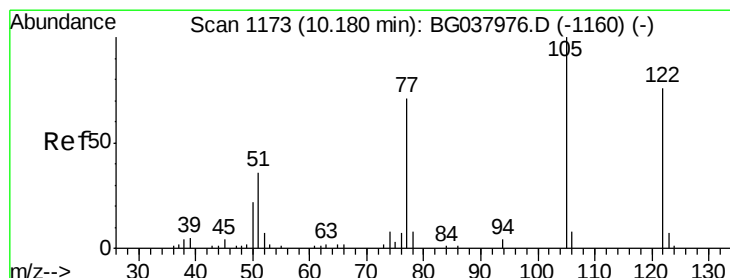
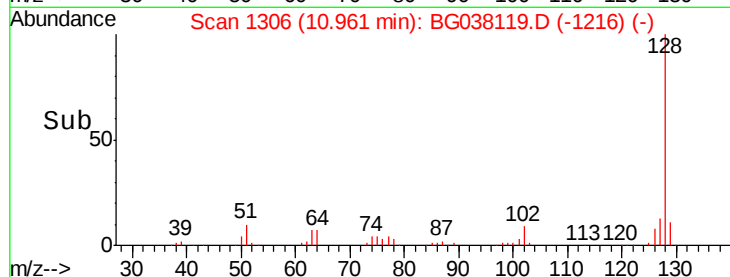
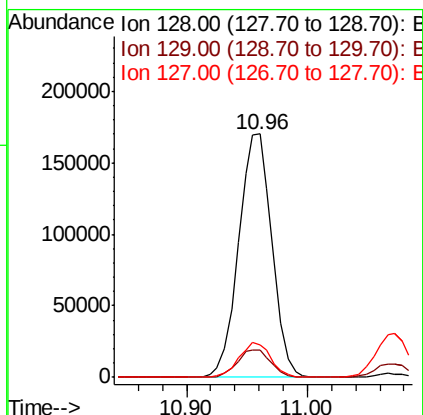
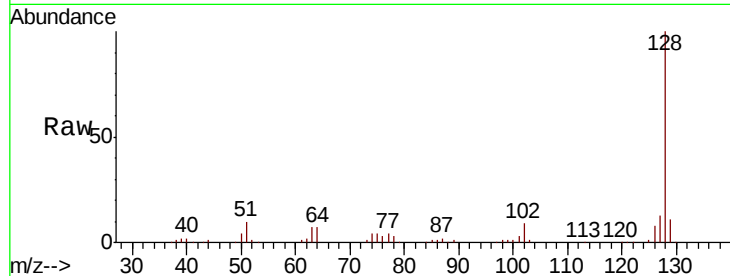




#31
Naphthalene
Concen: 35.381 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

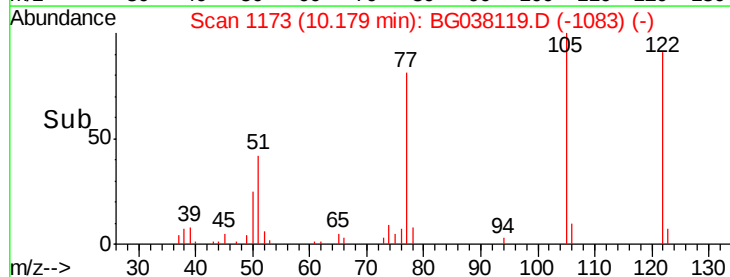
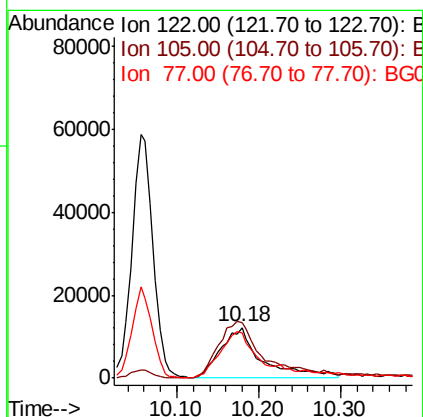
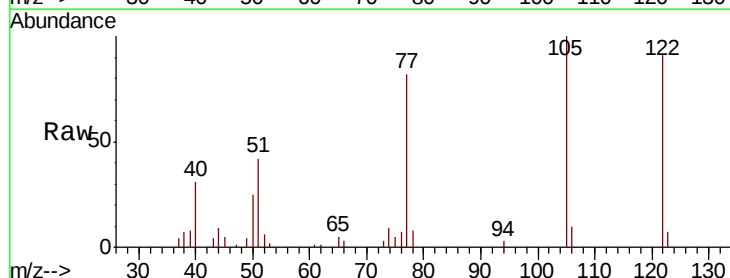
Instrument :
BNA_G
ClientSampled :

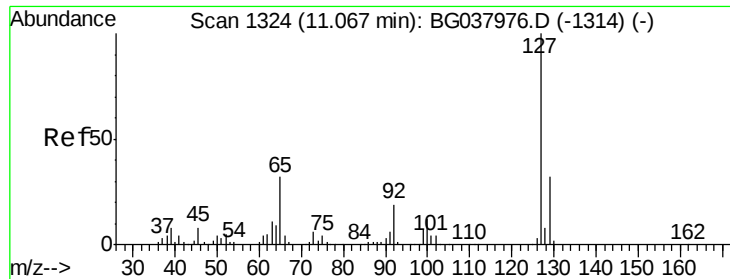
Tot Ion:128 Resp: 324518
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 30.032 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:122 Resp: 41110
Ion Ratio Lower Upper
122 100
105 110.0 106.7 146.7
77 90.4 72.2 112.2

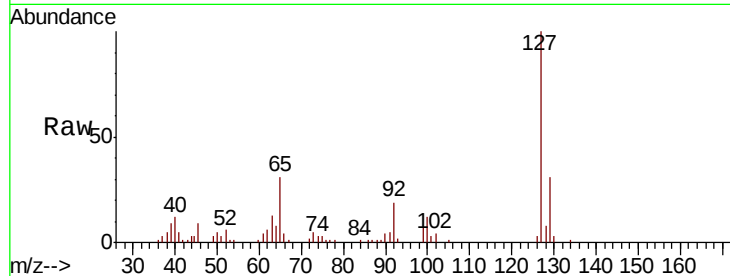




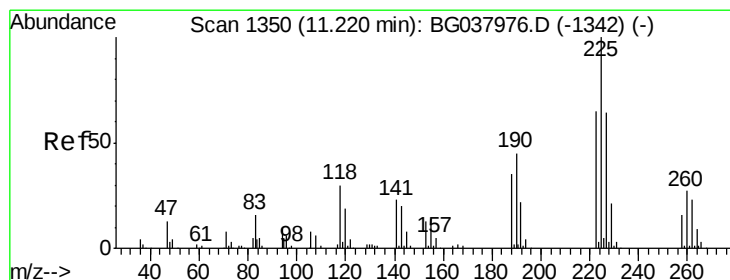
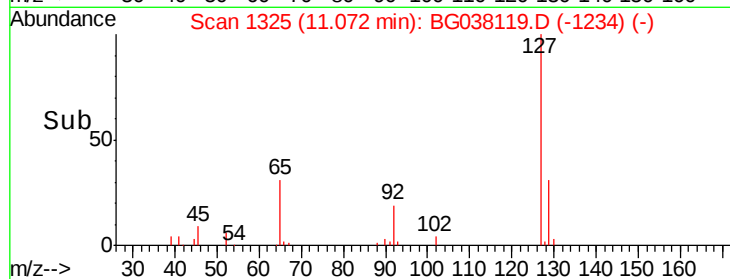
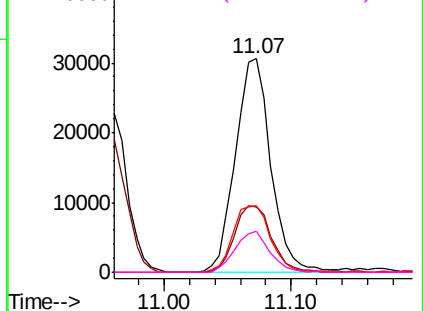
#33
4-Chloroaniline
Concen: 13.916 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	59373	
Ion Ratio	Lower	Upper	
127 100			
129 30.8	27.1	40.7	
65 31.4	26.6	39.8	
92 19.3	16.4	24.6	

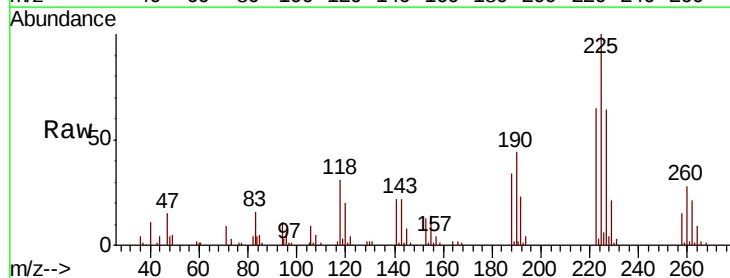


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

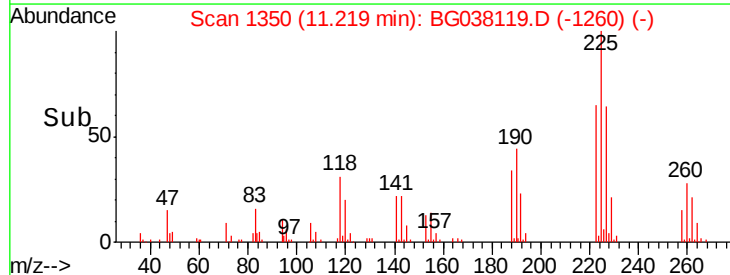
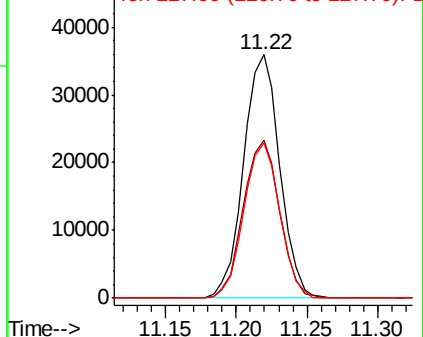


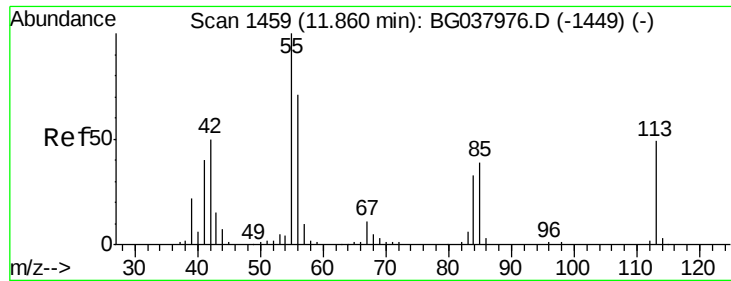
#34
Hexachlorobutadiene
Concen: 31.019 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:225	Resp: 64500
Ion Ratio	Lower Upper
225 100	
223 64.1	48.2 72.4
227 63.6	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

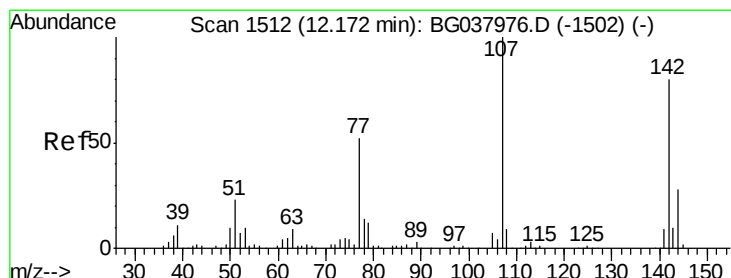
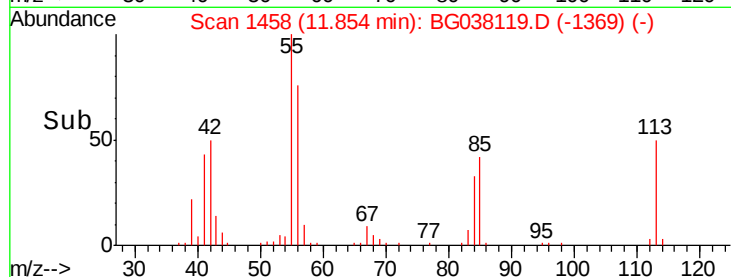
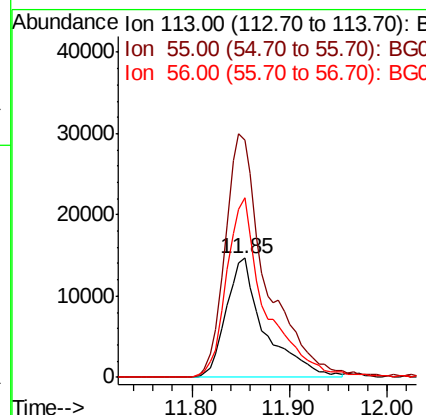
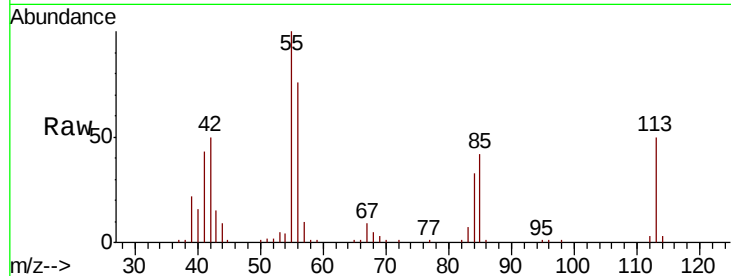




#35
 Caprolactam
 Concen: 33.316 ng
 RT: 11.85 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

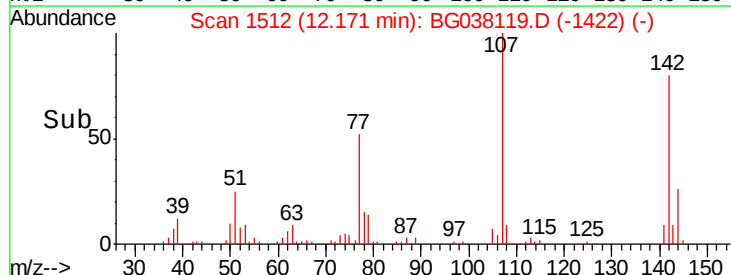
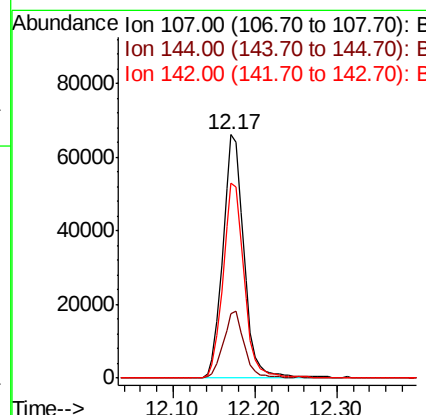
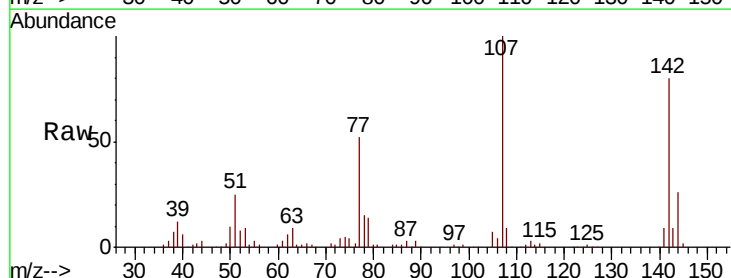
Instrument :
 BNA_G
 ClientSampled :

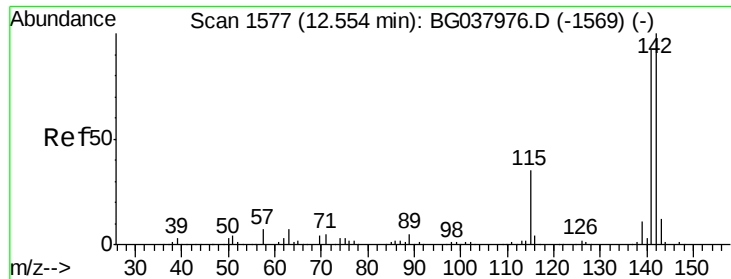
Tot Ion:113 Resp: 40206
 Ion Ratio Lower Upper
 113 100
 55 199.4 176.6 216.6
 56 151.0 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 36.102 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion:107 Resp: 118917
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.7 31.1
 142 80.0 64.4 96.6

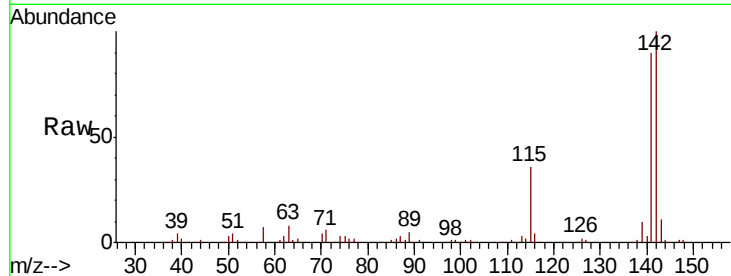




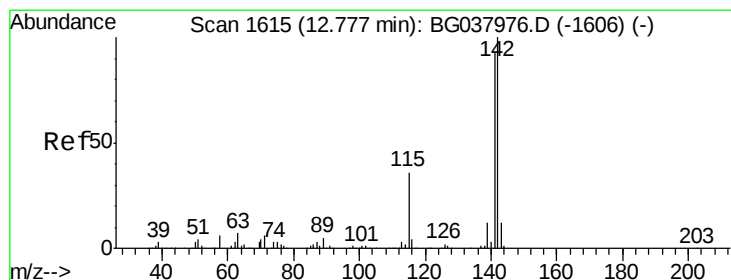
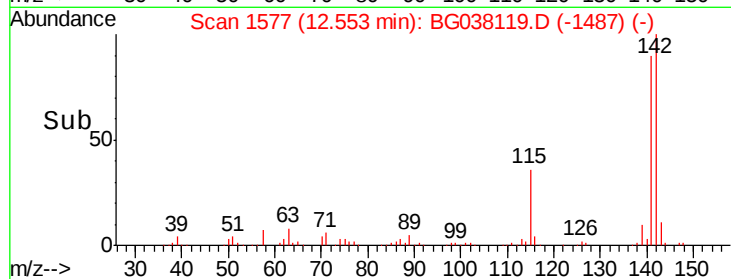
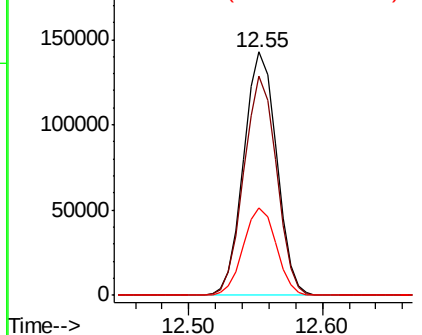
#37
 2-Methylnaphthalene
 Concen: 36.930 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	36.0	27.8	41.8

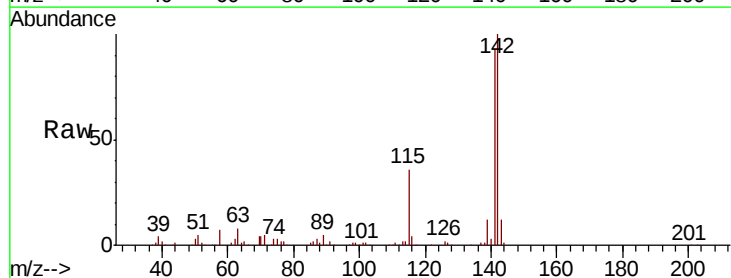


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

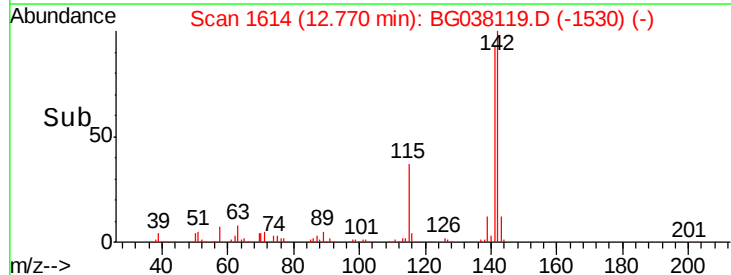
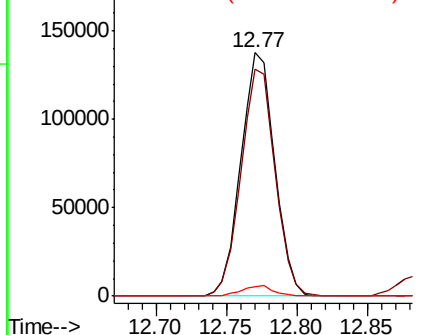


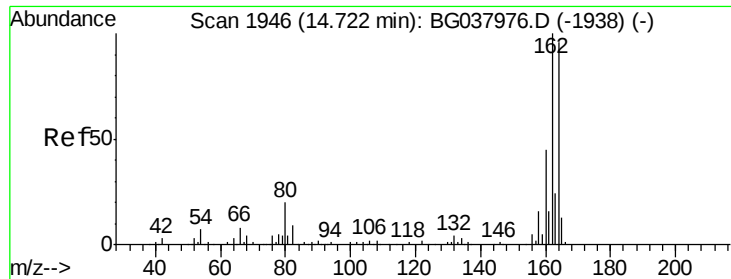
#38
 1-Methylnaphthalene
 Concen: 36.436 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

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



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

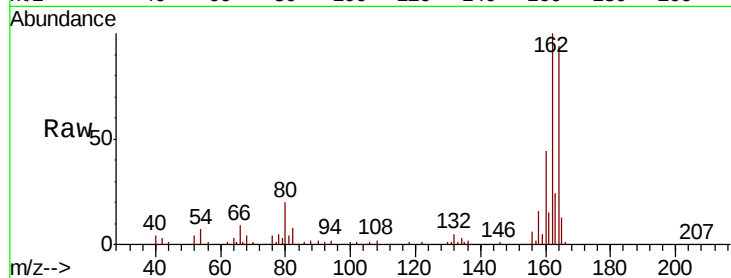




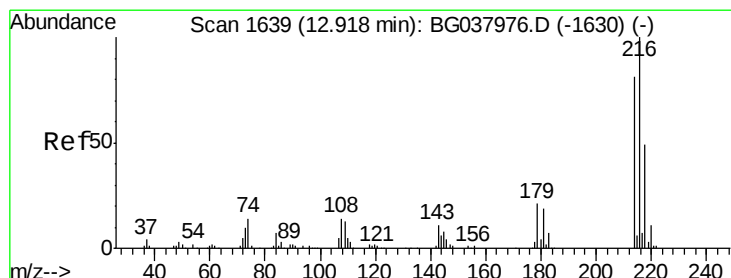
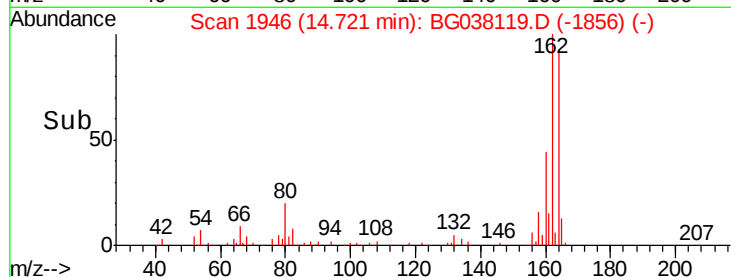
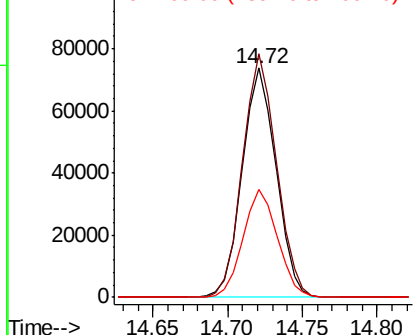
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 116083
 Ion Ratio Lower Upper
 164 100
 162 106.3 81.3 121.9
 160 47.1 36.3 54.5



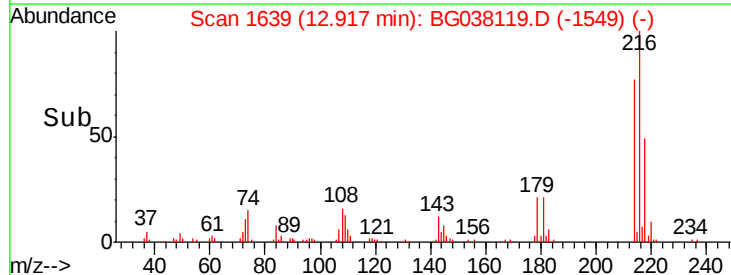
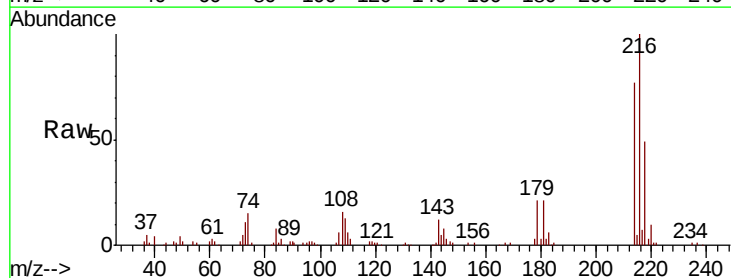
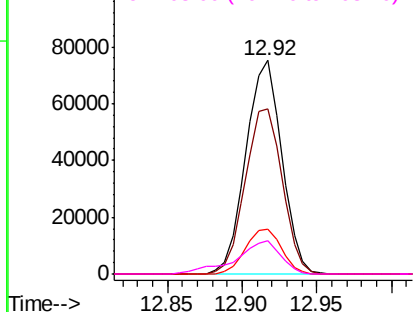
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

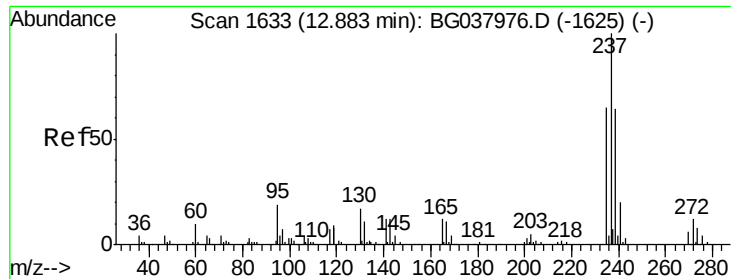


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.183 ng
 RT: 12.92 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion:216 Resp: 124837
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.8 95.6
 179 21.1 17.4 26.0
 108 19.6 13.9 20.9

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.798 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038119.D

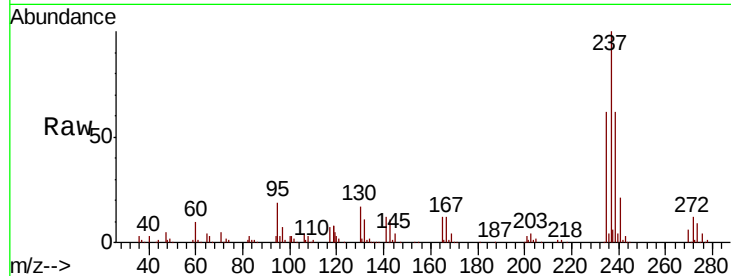
Acq: 21 Nov 2018 16:16

Instrument :

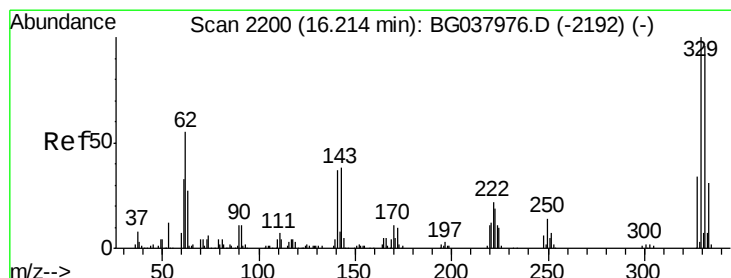
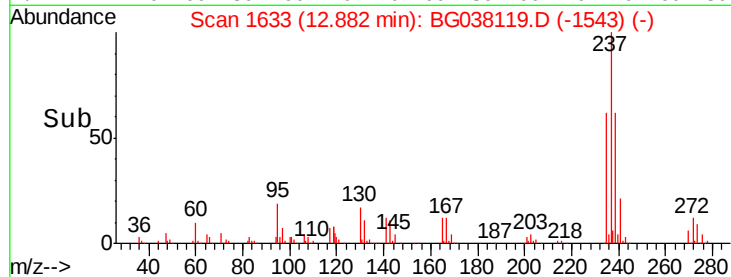
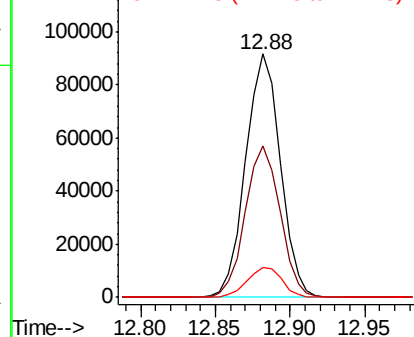
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	147055
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.5	82.5
272	12.2	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: 101.462 ng

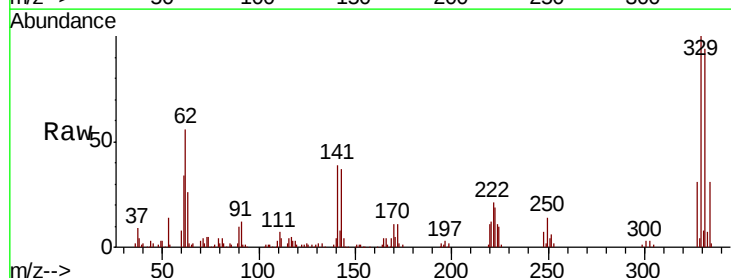
RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

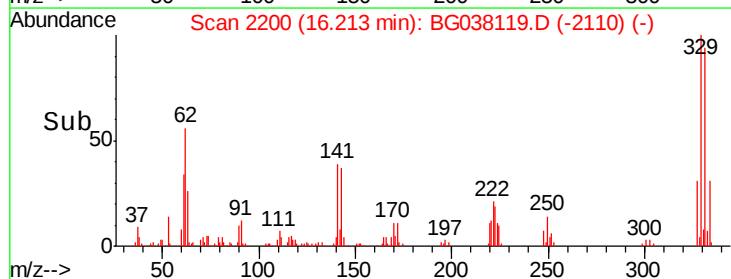
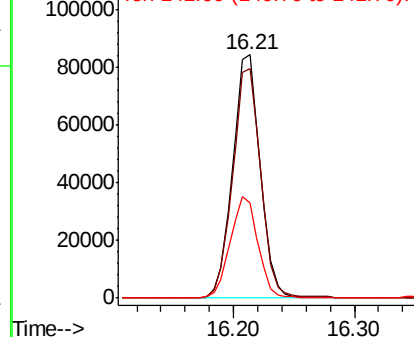
Lab File: BG038119.D

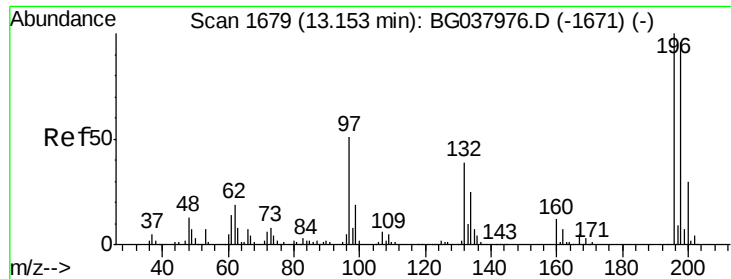
Acq: 21 Nov 2018 16:16

Tgt Ion:	330	Resp:	134326
Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	41.6	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

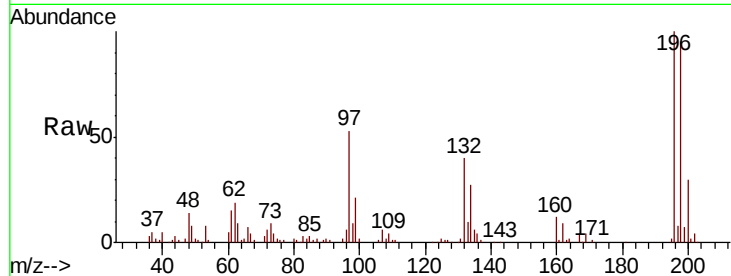




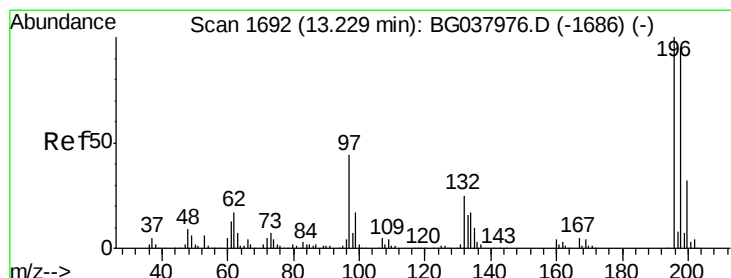
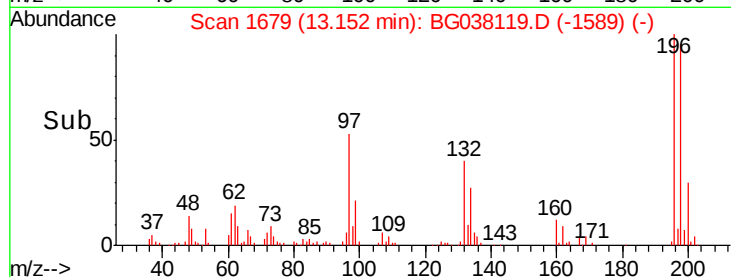
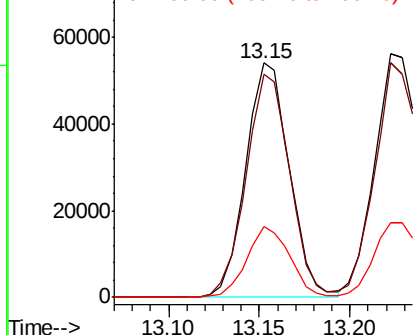
#43
 2,4,6-Trichlorophenol
 Concen: 34.237 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 90497
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.4 114.6
 200 30.0 24.9 37.3

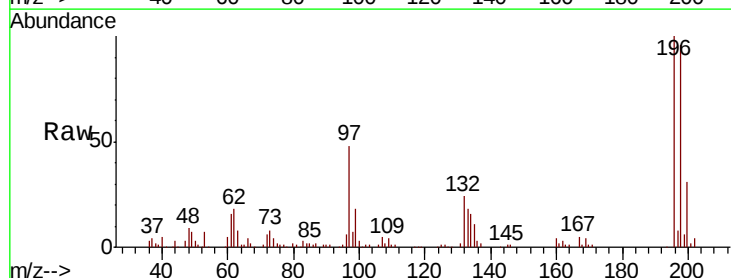


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

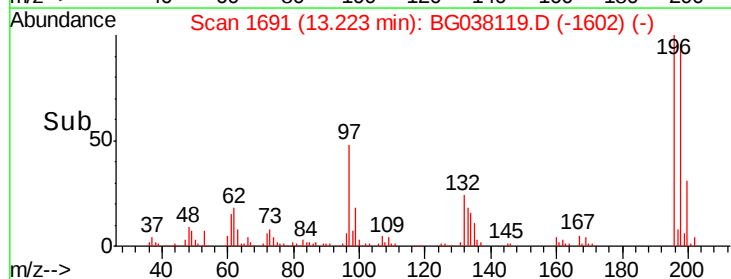
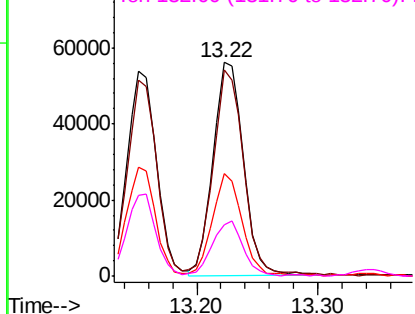


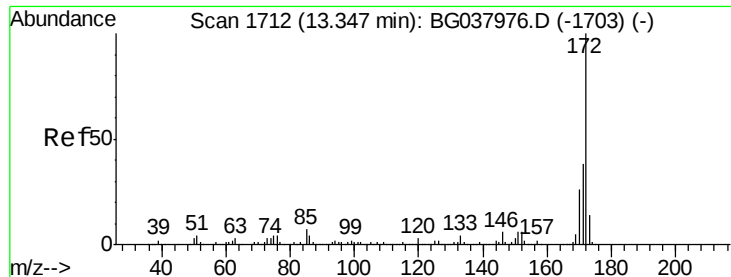
#44
 2,4,5-Trichlorophenol
 Concen: 34.966 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion:196 Resp: 97249
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.2 111.2
 97 47.8 34.1 51.1
 132 23.8 20.2 30.4



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

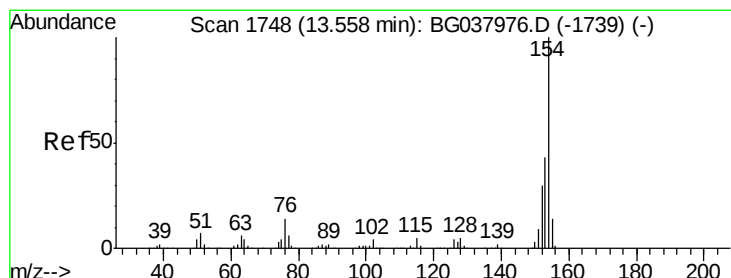
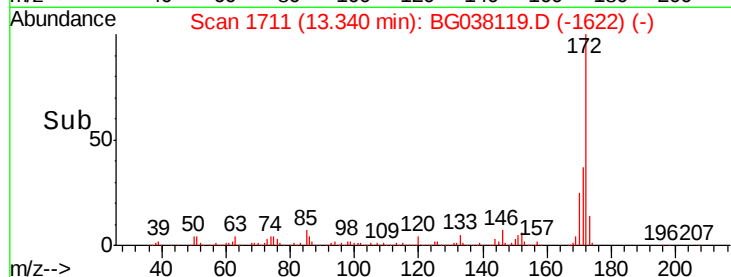
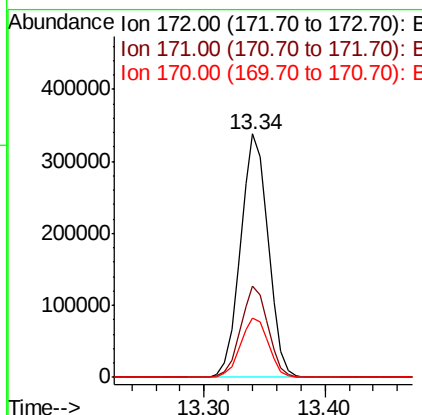
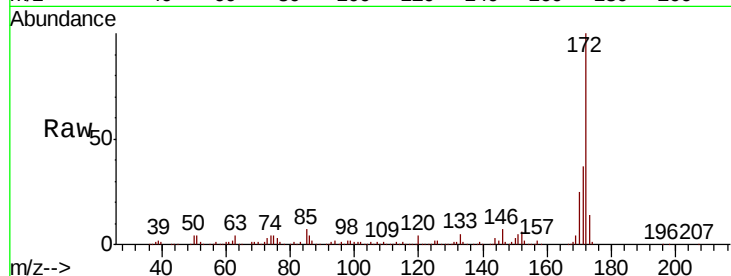




#45
 2-Fluorobiphenyl
 Concen: 67.607 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

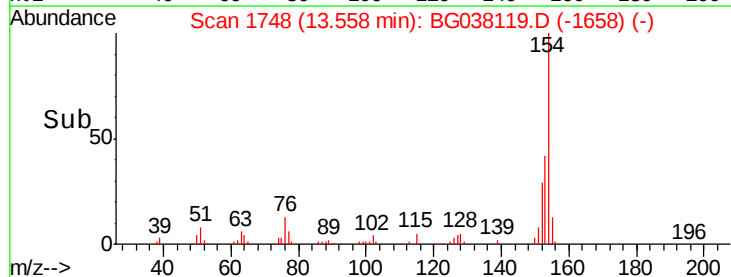
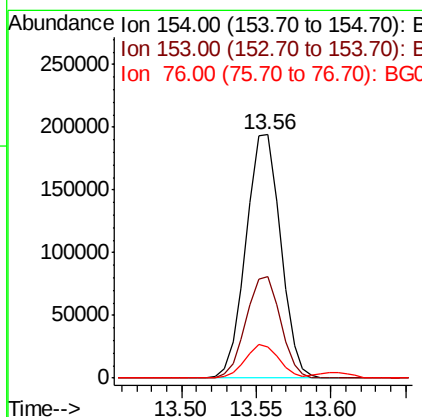
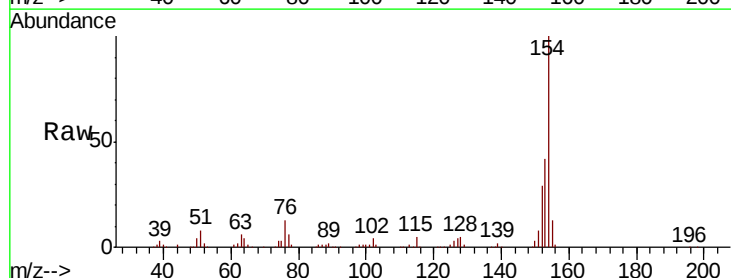
Instrument :
 BNA_G
 ClientSampleId :

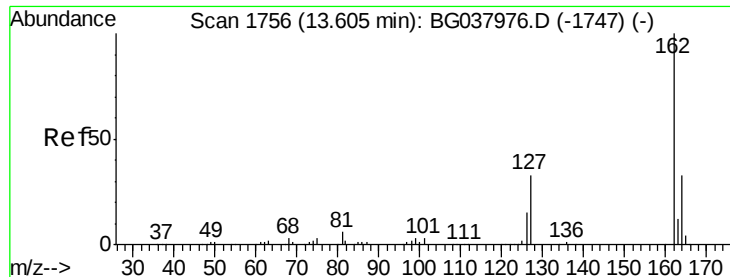
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.6	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 32.051 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	13.0	0.0	33.2

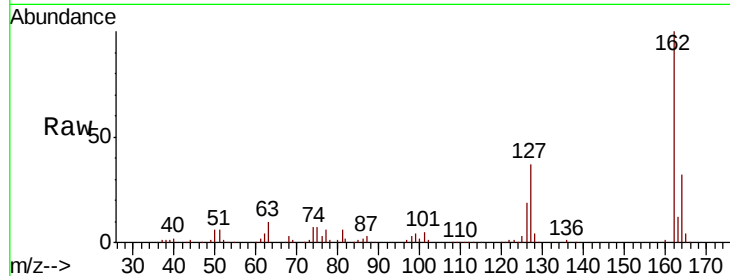




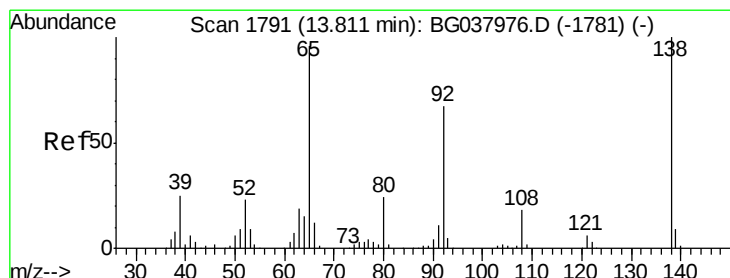
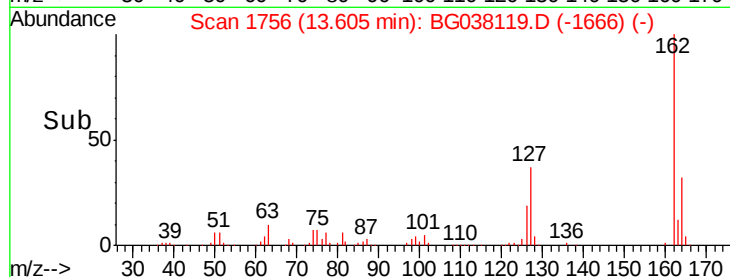
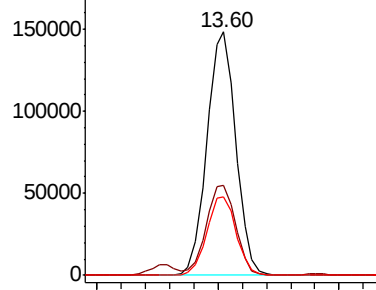
#47
 2-Chloronaphthalene
 Concen: 33.203 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.5	45.7
164	32.1	26.4	39.6

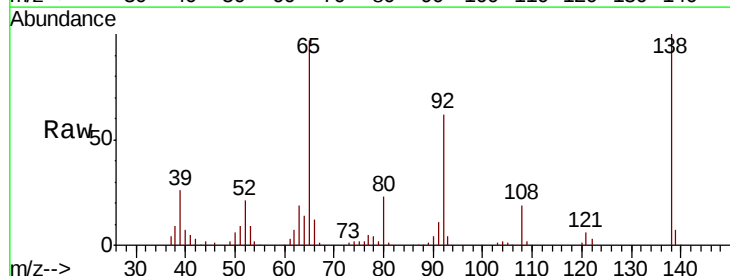


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

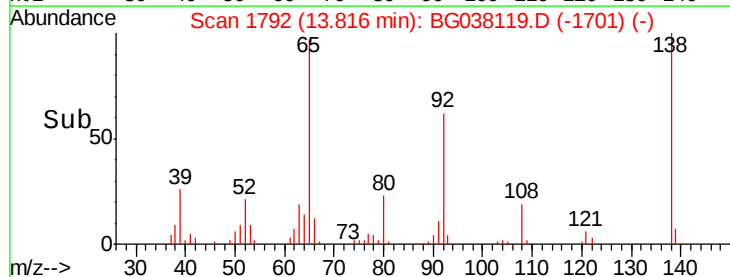
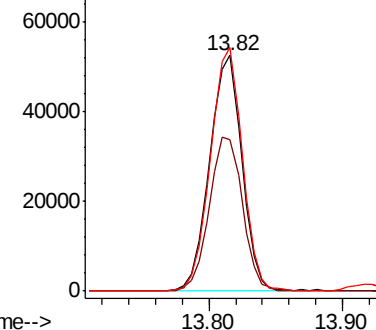


#48
 2-Nitroaniline
 Concen: 37.455 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	53.2	79.8
138	103.3	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: 36.537 ng

RT: 14.44 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

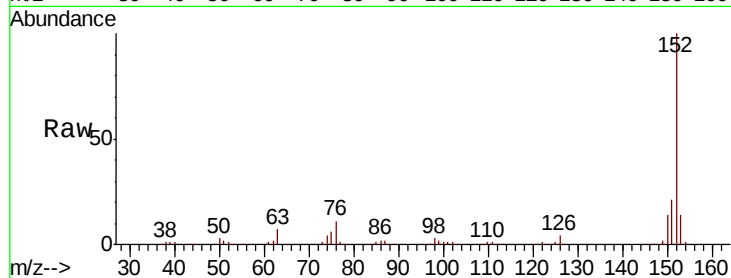
Tot Ion:152 Resp: 408876

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

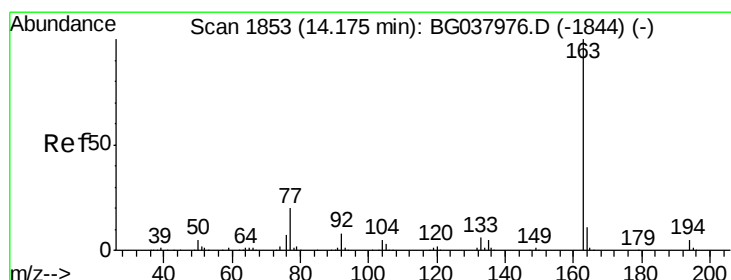
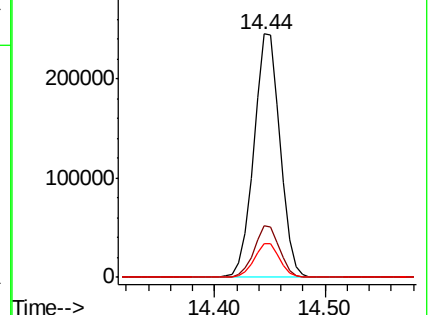
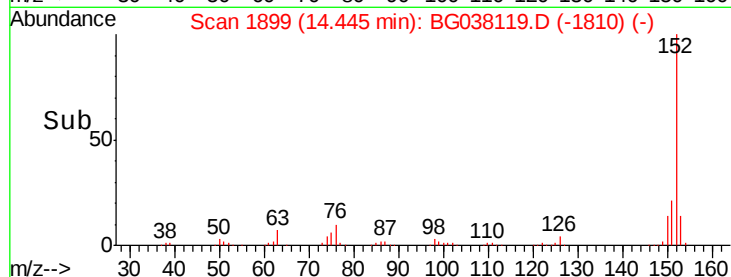
153 13.8 11.1 16.7



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: 35.119 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

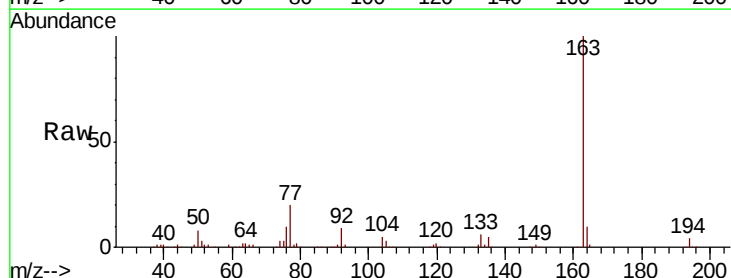
Tgt Ion:163 Resp: 323194

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

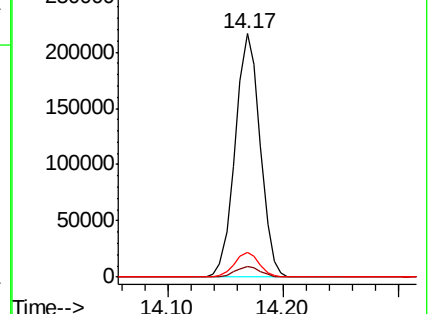
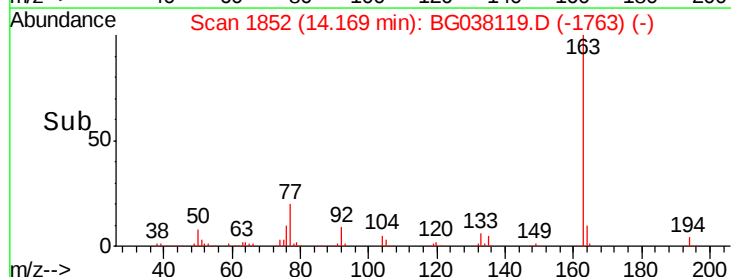
164 10.1 8.5 12.7

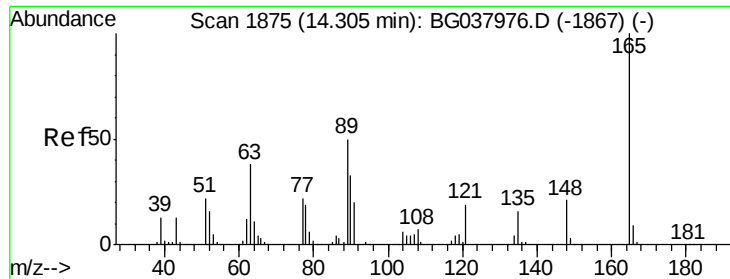


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

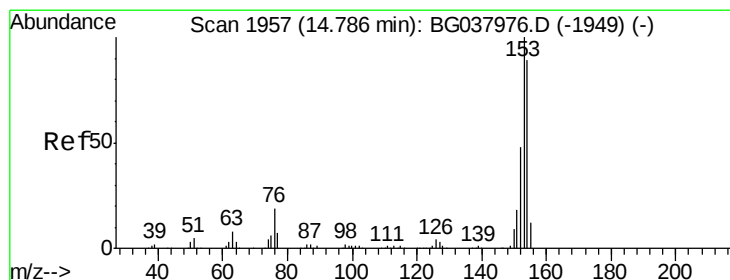
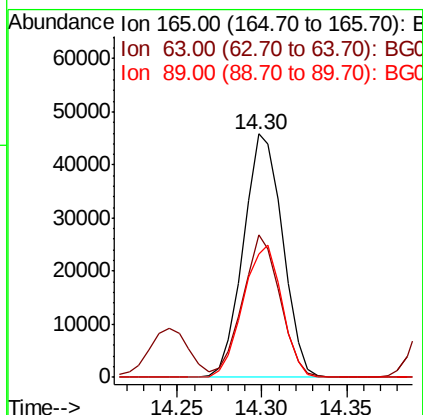
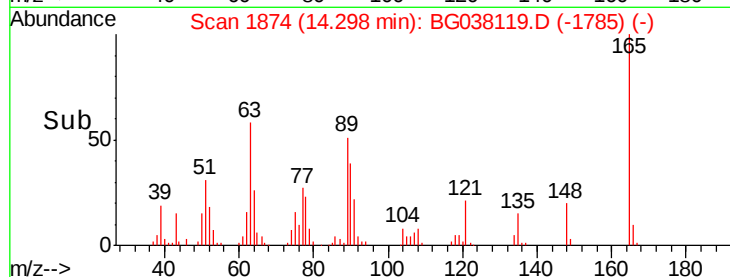
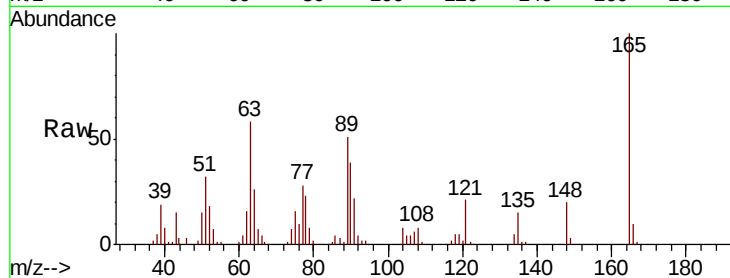




#51
2,6-Dinitrotoluene
Concen: 35.483 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

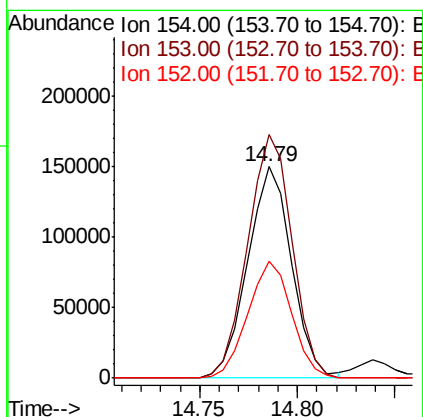
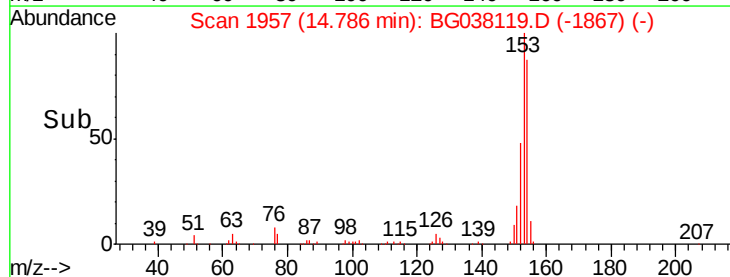
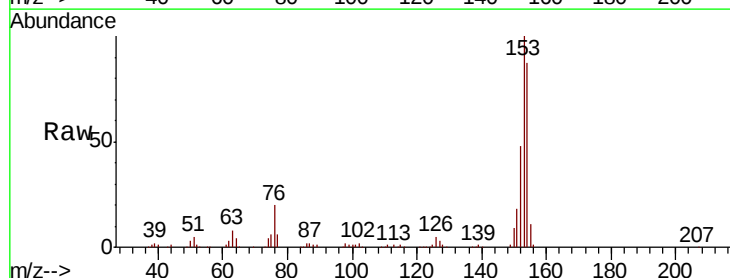
Instrument :
BNA_G
ClientSampled :

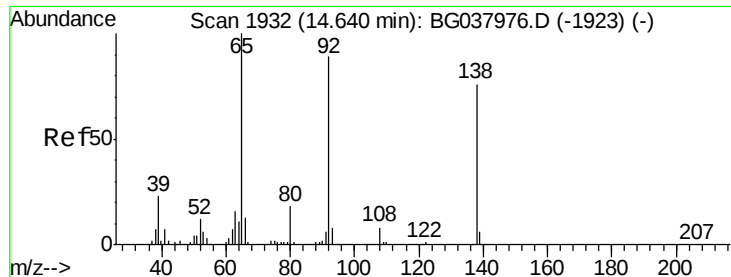
Tot Ion:165 Resp: 73905
Ion Ratio Lower Upper
165 100
63 58.5 43.4 65.2
89 50.8 45.8 68.6



#52
Acenaphthene
Concen: 34.742 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:154 Resp: 234061
Ion Ratio Lower Upper
154 100
153 115.3 93.4 140.0
152 55.5 44.7 67.1





#53

3-Nitroaniline

Concen: 20.790 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

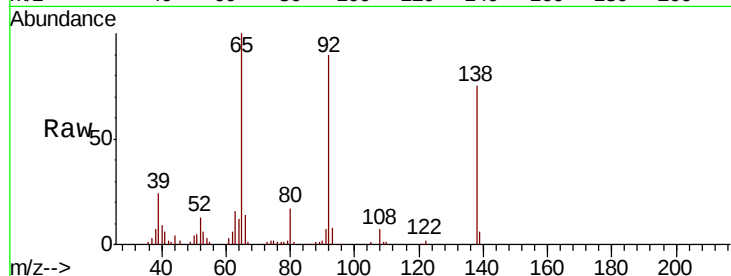
Tot Ion:138 Resp: 47781

Ion Ratio Lower Upper

138 100

108 10.0 11.0 16.6#

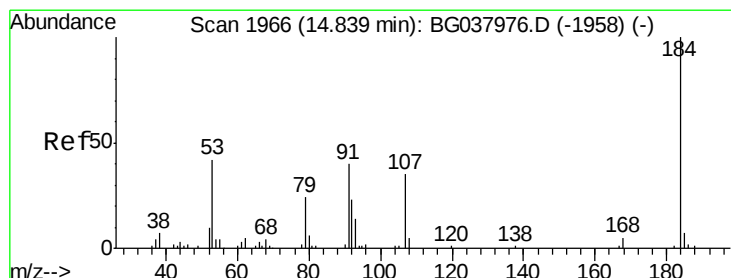
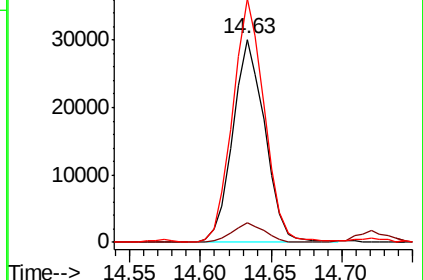
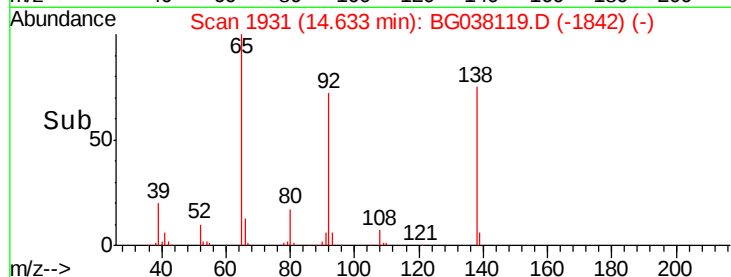
92 120.0 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 38.077 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

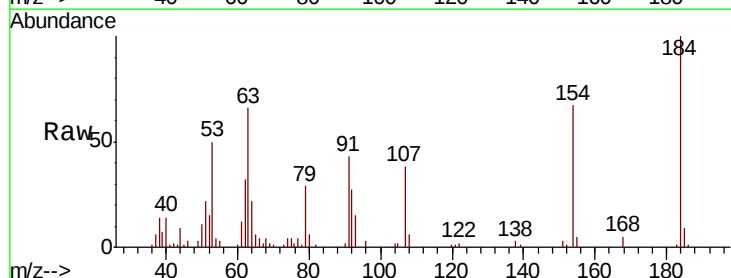
Tgt Ion:184 Resp: 36616

Ion Ratio Lower Upper

184 100

63 65.9 42.6 63.8#

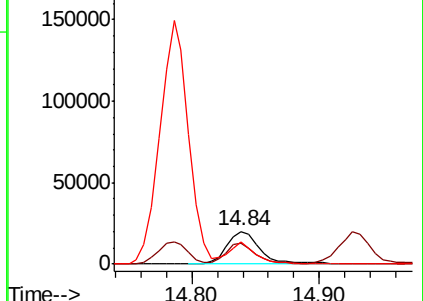
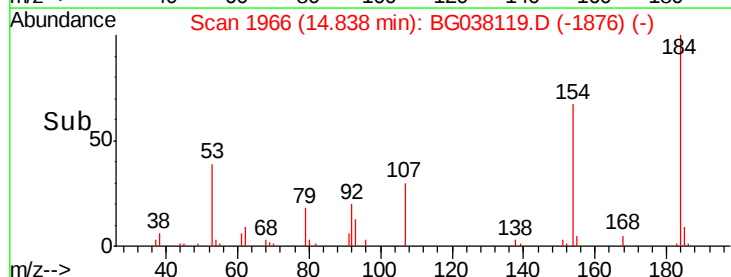
154 67.1 41.8 62.6#

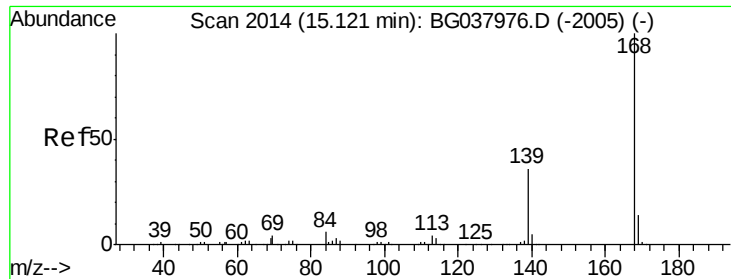


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

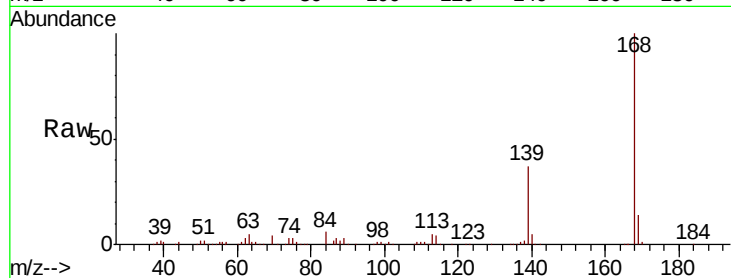




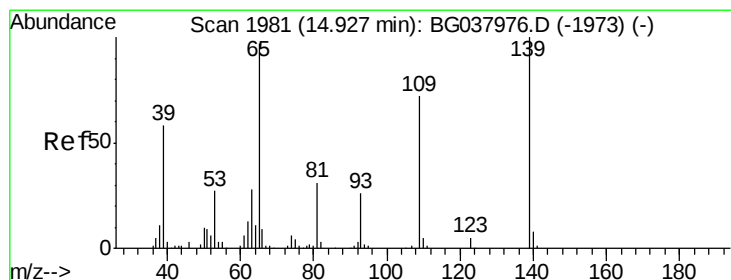
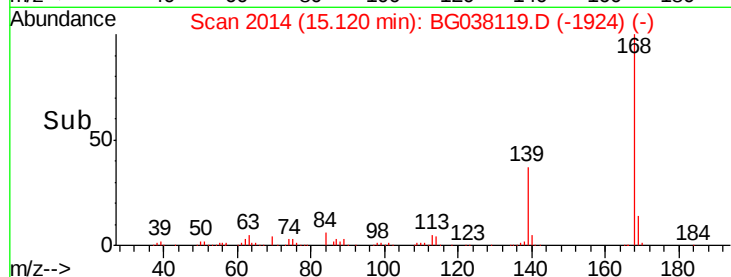
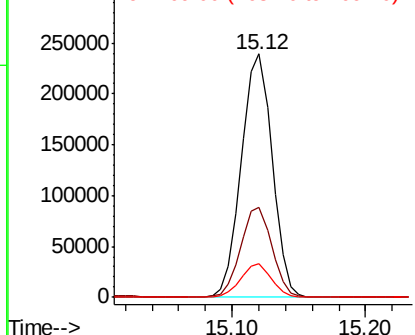
#55
Dibenzenofuran
Concen: 34.279 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 381874
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.0
169 13.6 11.0 16.6

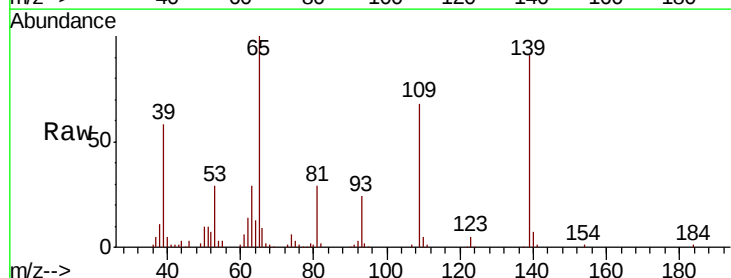


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

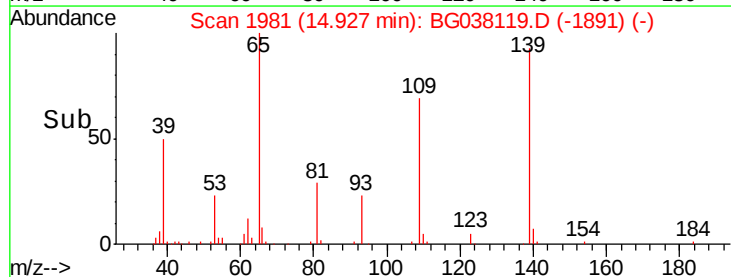
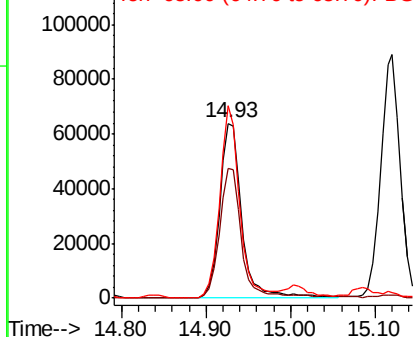


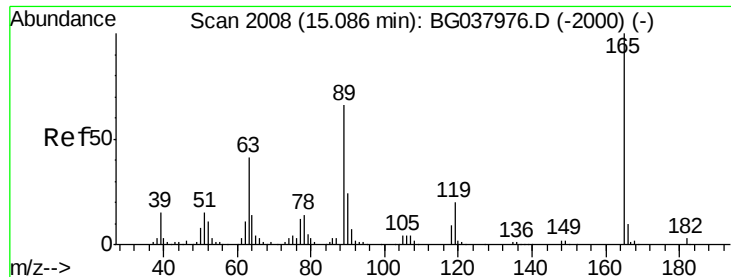
#56
4-Nitrophenol
Concen: 65.925 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:139 Resp: 116858
Ion Ratio Lower Upper
139 100
109 74.4 49.5 89.5
65 109.6 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

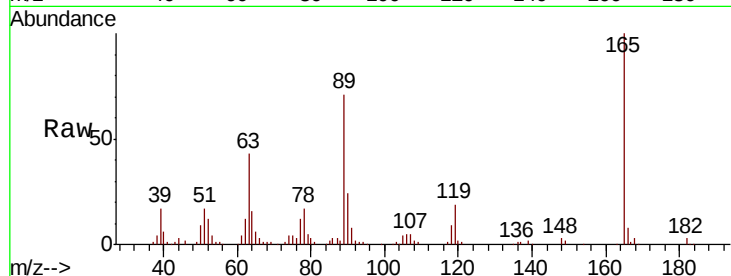




#57
2,4-Dinitrotoluene
Concen: 37.296 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.4	50.0
89	70.8	57.2	85.8
182	3.3	2.6	4.0



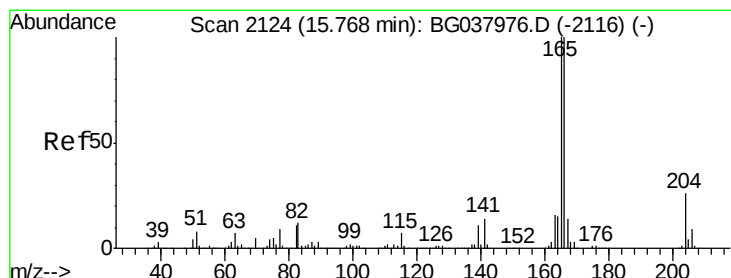
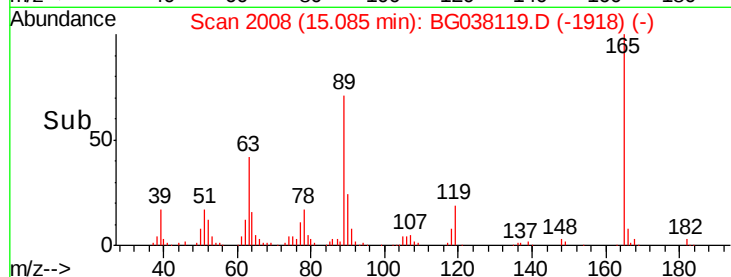
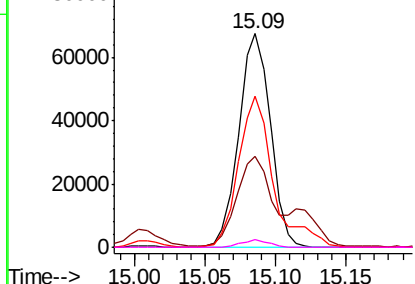
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

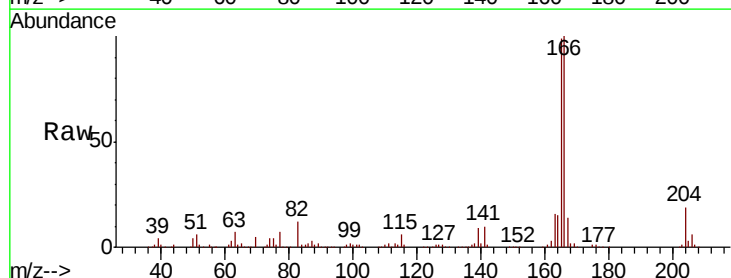
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.119 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.6
167	13.7	11.3	16.9

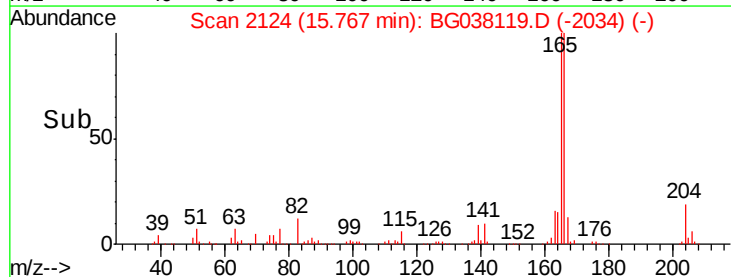
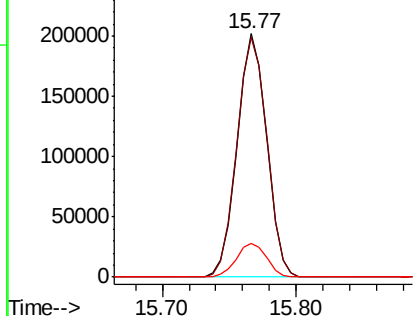


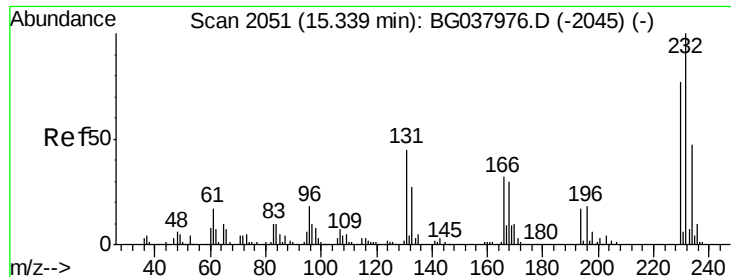
Abundance

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

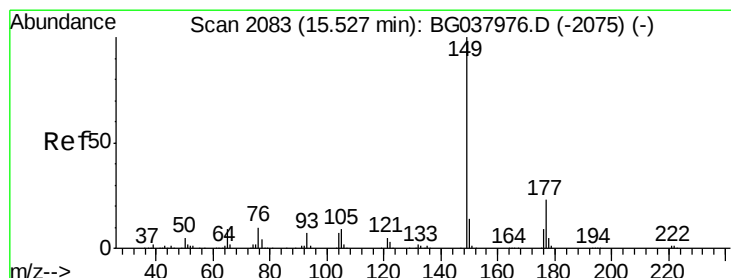
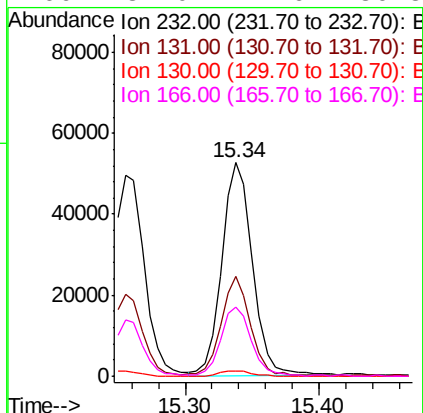
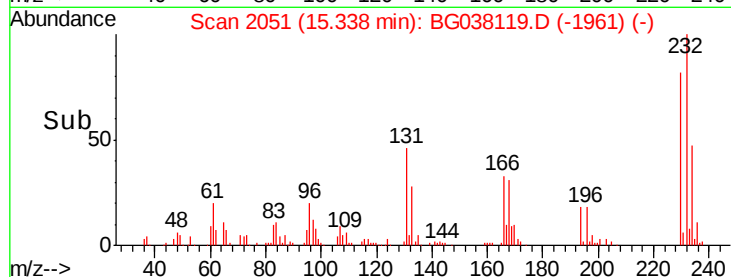
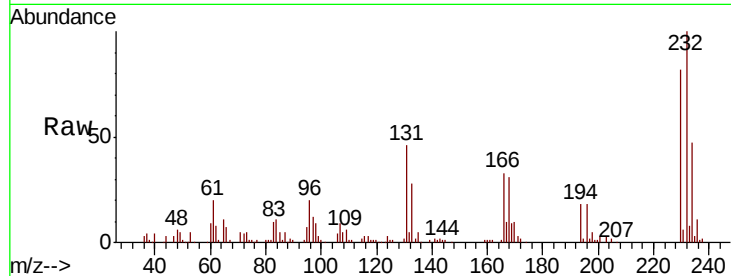




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.228 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

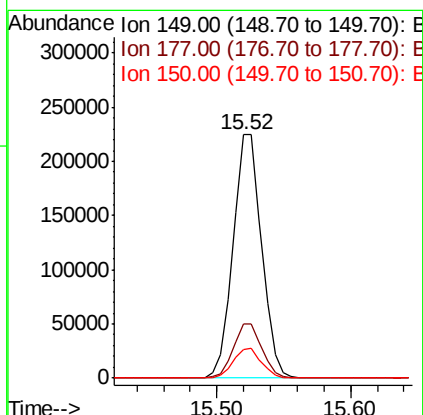
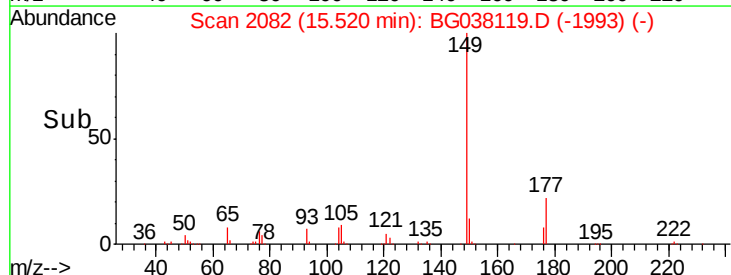
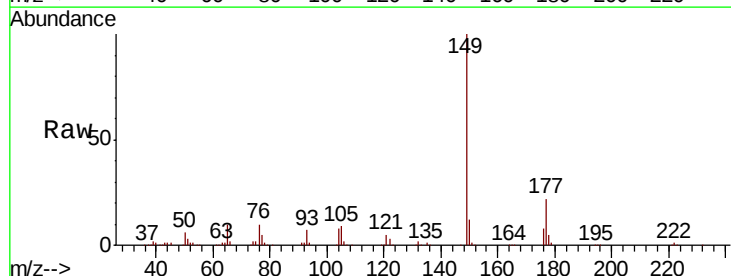
Instrument :
 BNA_G
 ClientSampleId :

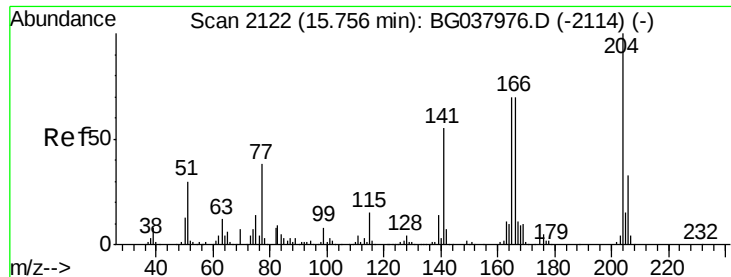
Tot Ion:232 Resp: 84312
 Ion Ratio Lower Upper
 232 100
 131 43.9 33.7 50.5
 130 2.7 2.1 3.1
 166 32.0 24.6 36.8



#60
 Diethylphthalate
 Concen: 34.105 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion:149 Resp: 333363
 Ion Ratio Lower Upper
 149 100
 177 22.0 18.3 27.5
 150 11.9 10.0 15.0

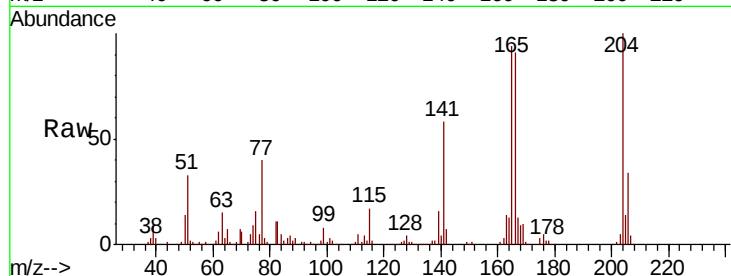




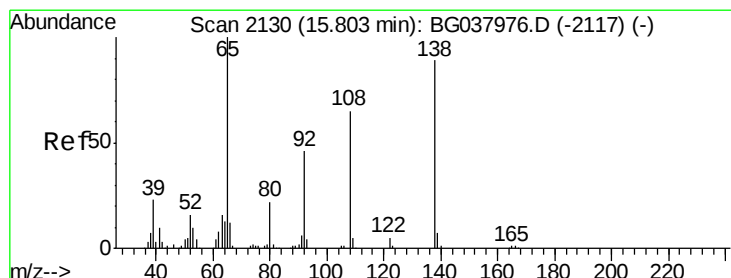
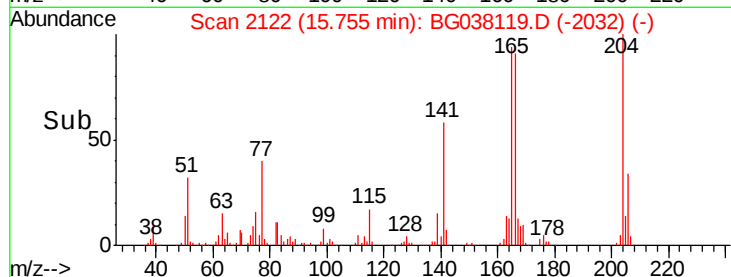
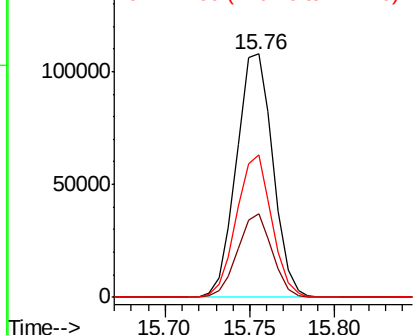
#61
4-Chlorophenyl-phenylether
Concen: 33.283 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 161873
Ion Ratio Lower Upper
204 100
206 34.4 26.6 39.8
141 58.4 45.4 68.2

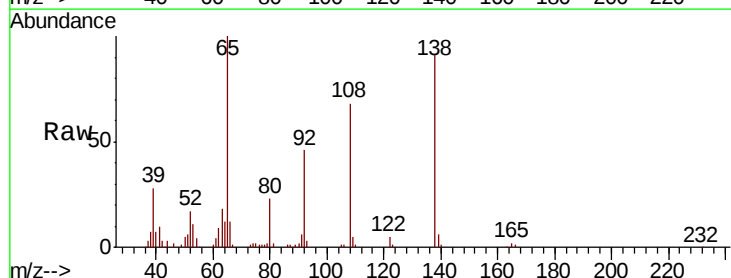


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

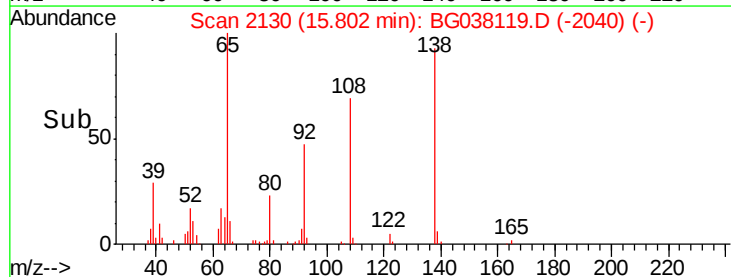
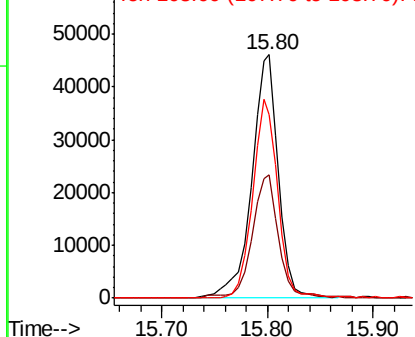


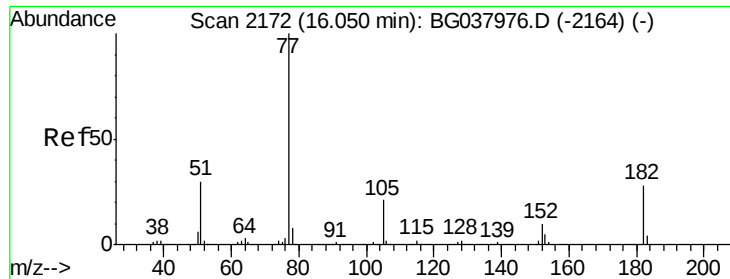
#62
4-Nitroaniline
Concen: 35.501 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:138 Resp: 81055
Ion Ratio Lower Upper
138 100
92 50.6 36.4 76.4
108 75.4 60.1 100.1



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

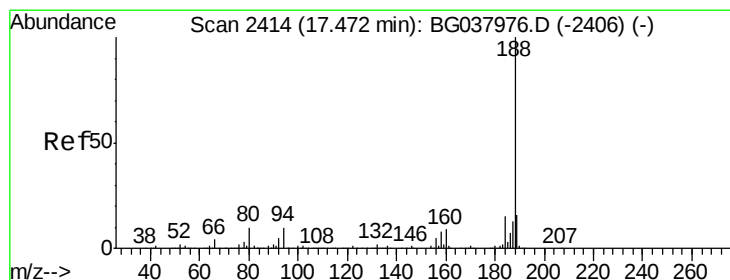
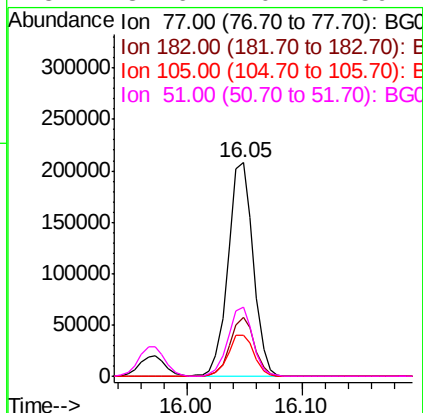
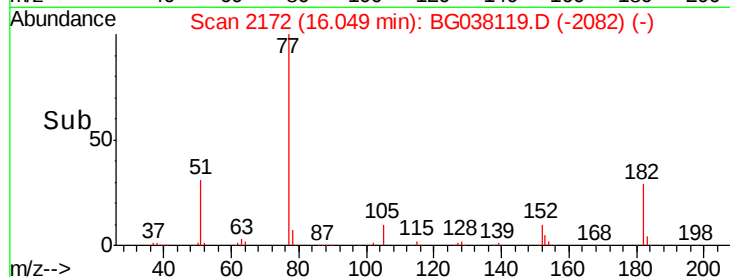
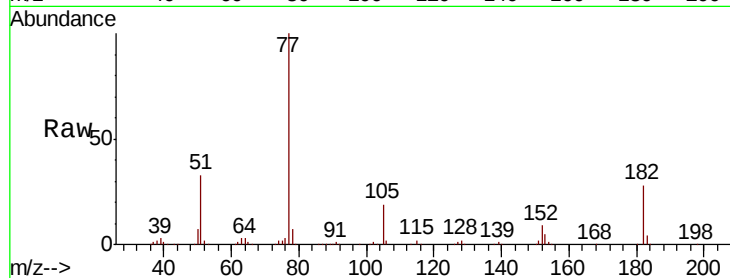




#63
Azobenzene
Concen: 35.757 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

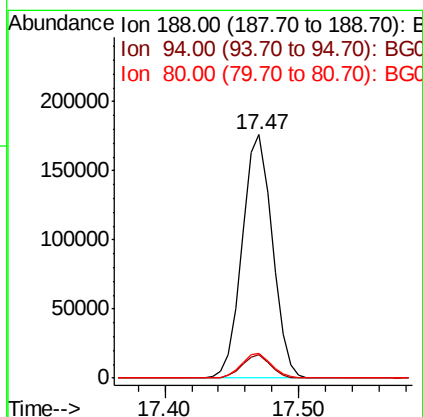
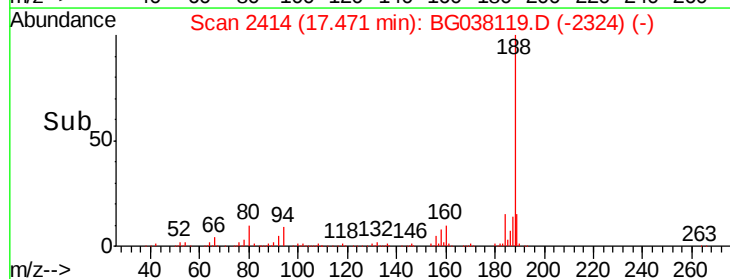
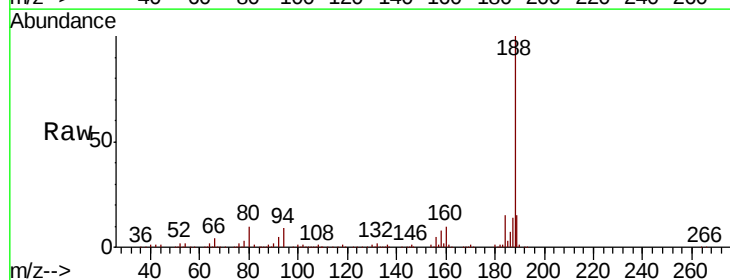
Instrument :
BNA_G
ClientSampleId :

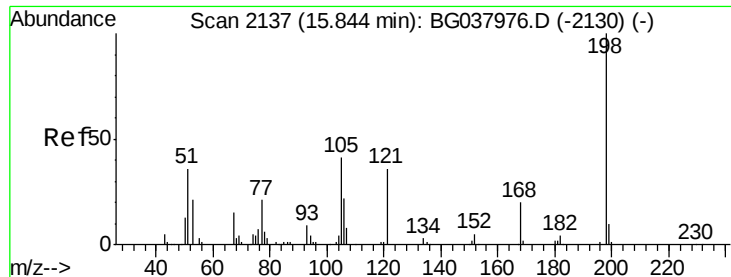
Tot Ion:	77	Resp:	312506
Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.0	48.0
105	19.5	1.3	41.3
51	32.6	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:	188	Resp:	274426
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.3	7.7	11.5

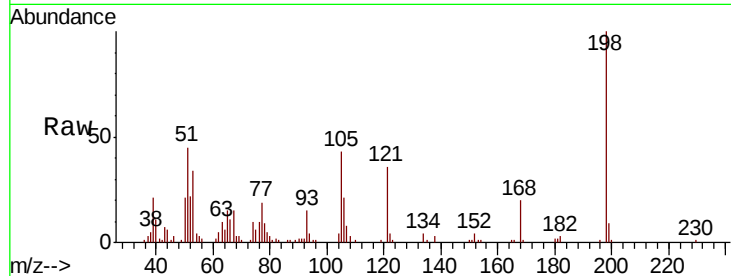




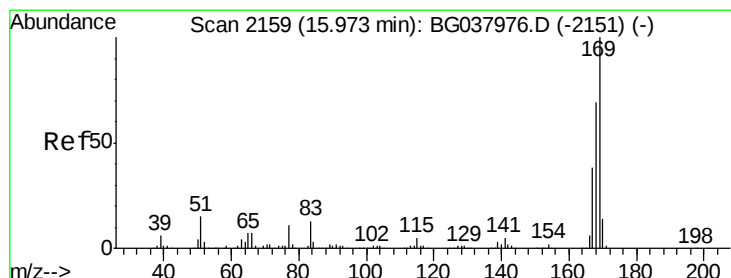
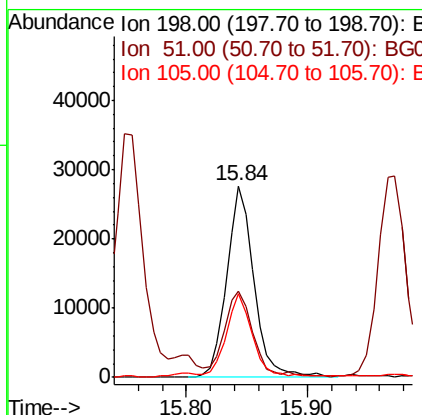
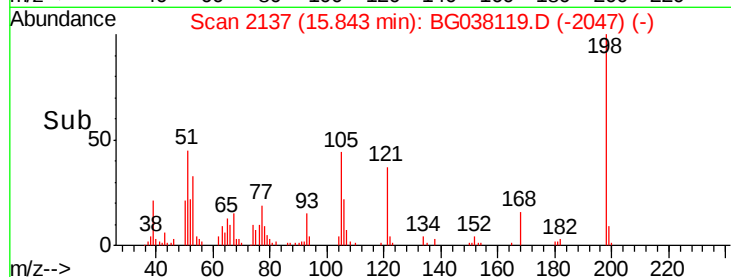
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.941 ng
 RT: 15.84 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 43292
 Ion Ratio Lower Upper
 198 100
 51 44.9 22.7 62.7
 105 43.4 19.7 59.7

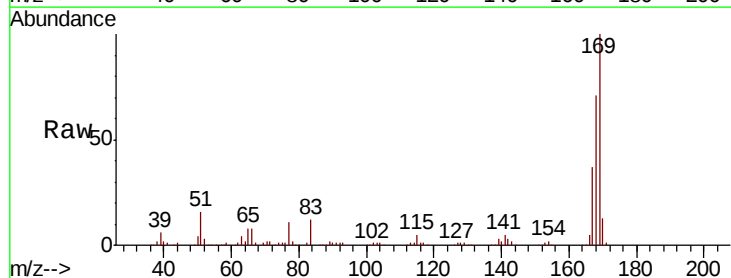


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

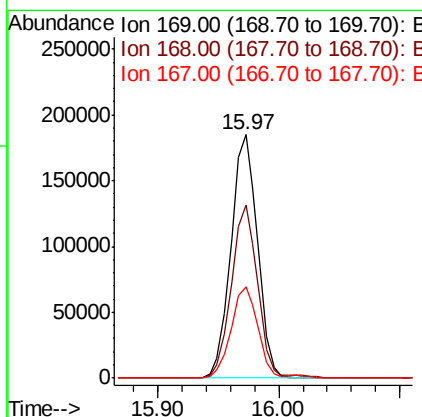
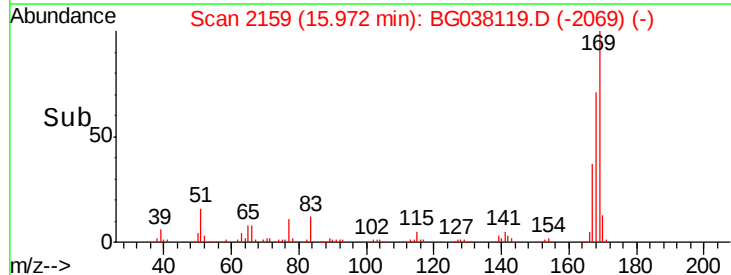


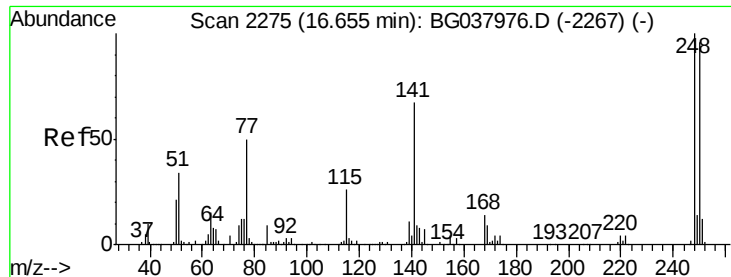
#66
 n-Nitrosodiphenylamine
 Concen: 33.902 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion:169 Resp: 281457
 Ion Ratio Lower Upper
 169 100
 168 71.0 55.7 83.5
 167 37.3 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

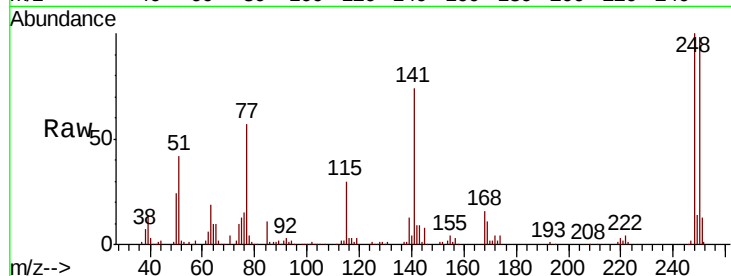




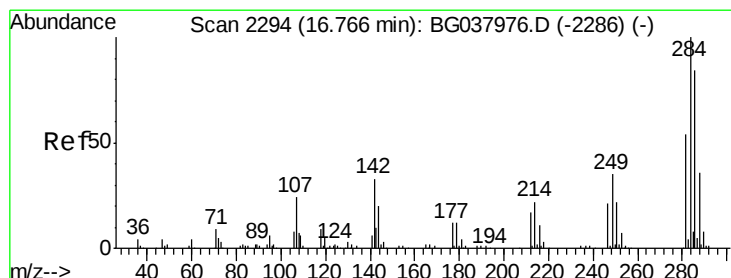
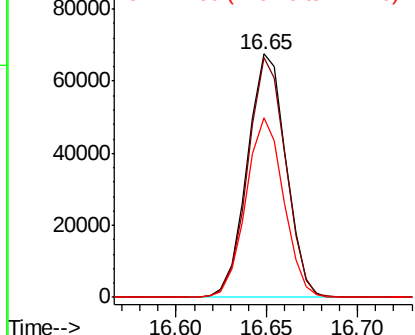
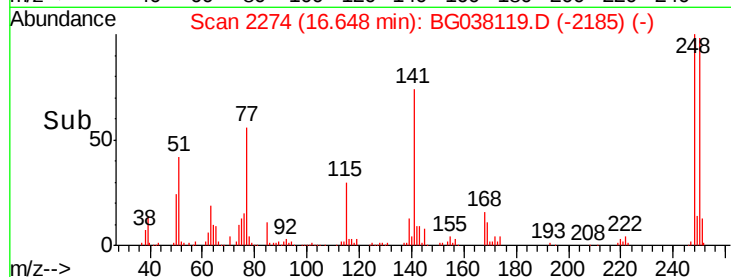
#67
 4-Bromophenyl-phenylether
 Concen: 33.207 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 100021
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.0 115.6
 141 73.8 55.5 83.3

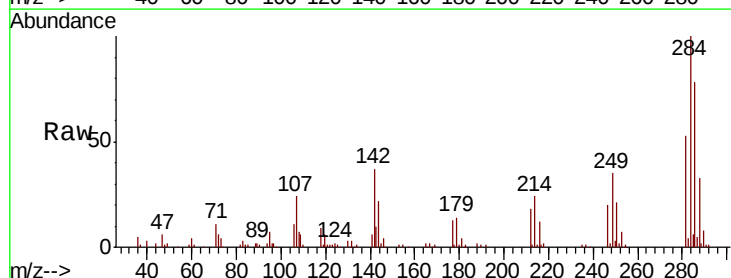


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

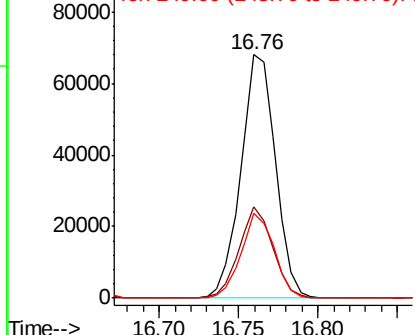
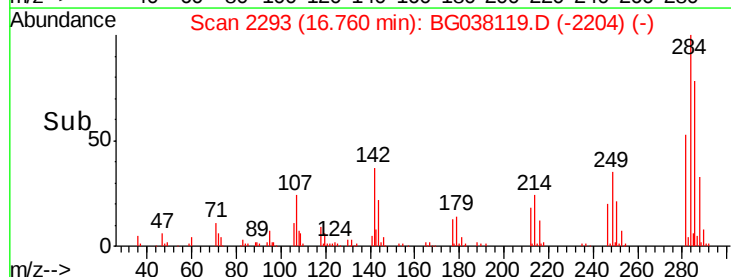


#68
 Hexachlorobenzene
 Concen: 33.140 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion:284 Resp: 103035
 Ion Ratio Lower Upper
 284 100
 142 37.3 28.1 42.1
 249 37.3 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

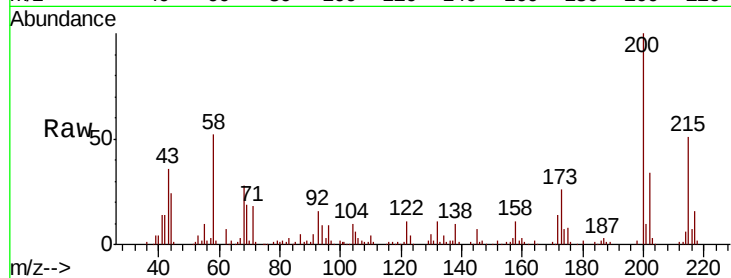




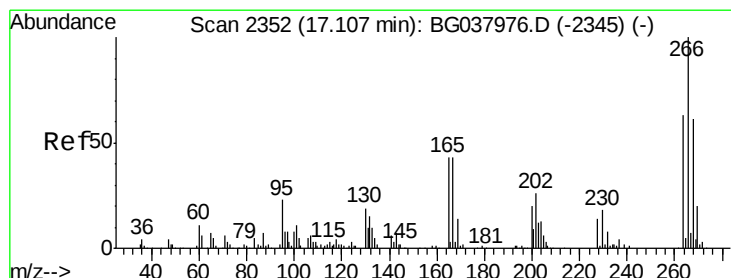
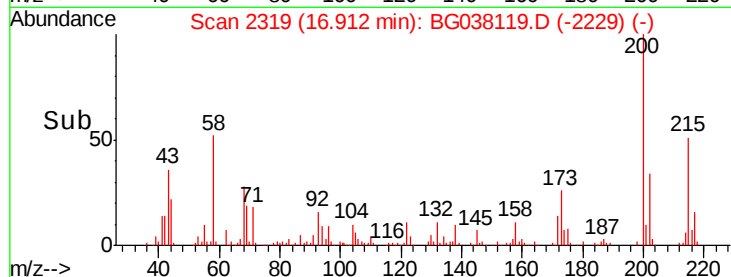
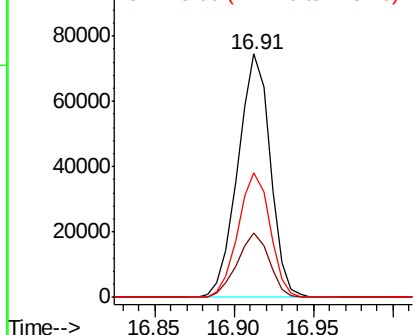
#69
Atrazine
Concen: 34.497 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 105576
Ion Ratio Lower Upper
200 100
173 26.3 6.1 46.1
215 51.0 30.8 70.8

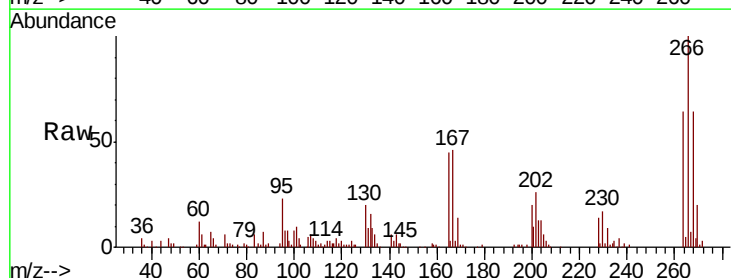


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

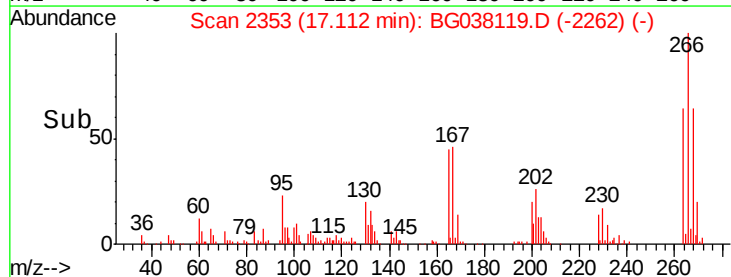
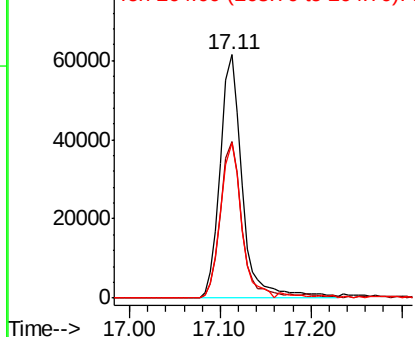


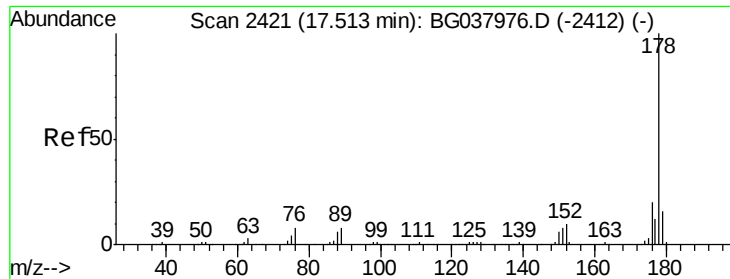
#70
Pentachlorophenol
Concen: 49.538 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:266 Resp: 104602
Ion Ratio Lower Upper
266 100
268 68.3 55.0 82.6
264 69.0 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

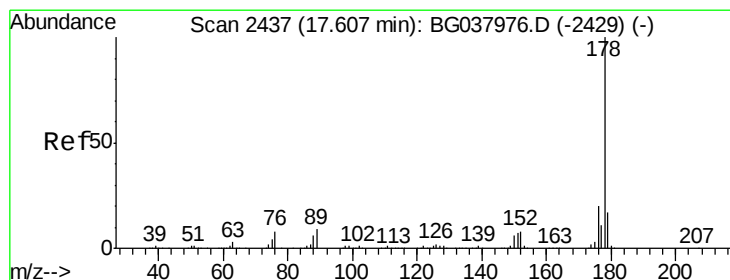
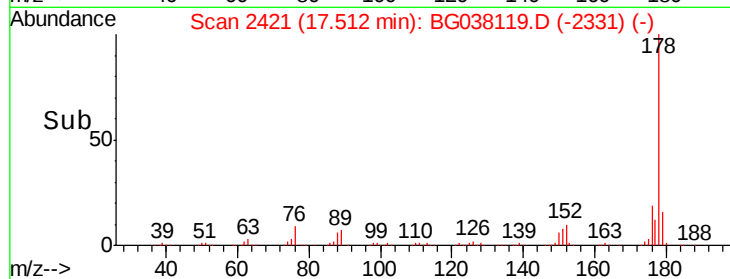
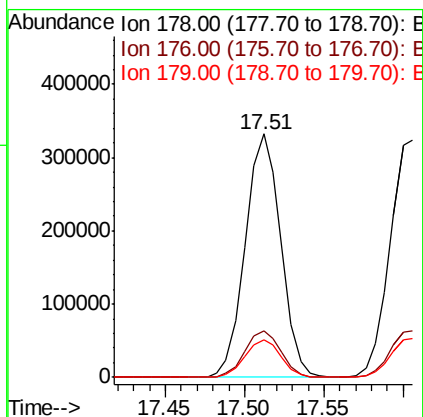
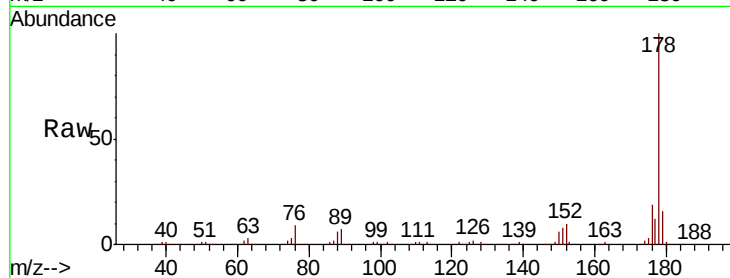




#71
Phenanthrene
Concen: 36.770 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

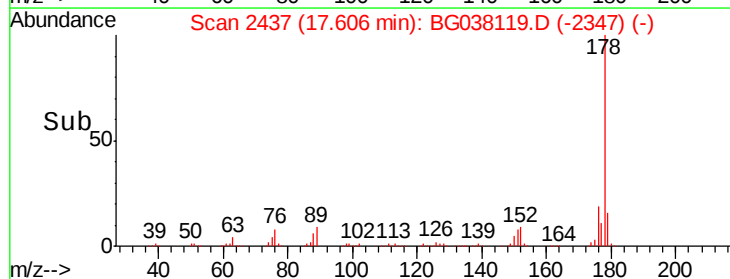
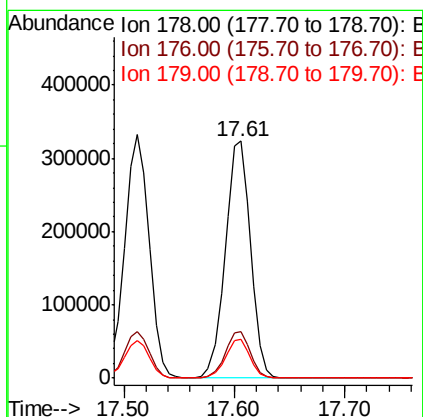
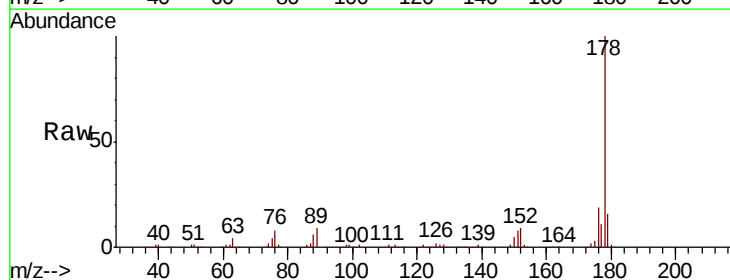
Instrument :
BNA_G
ClientSampleId :

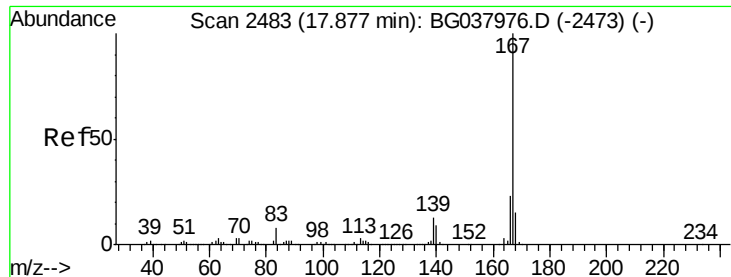
Tot Ion:178 Resp: 516627
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 15.6 13.0 19.4



#72
Anthracene
Concen: 37.308 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:178 Resp: 516706
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.4 12.8 19.2

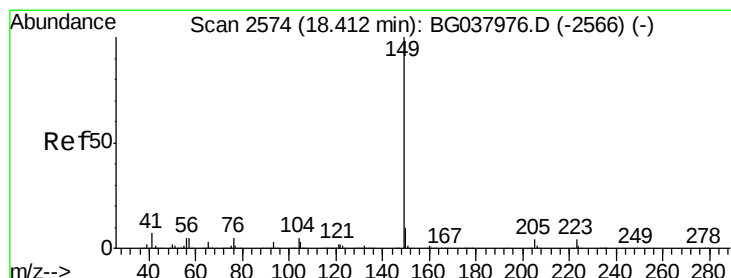
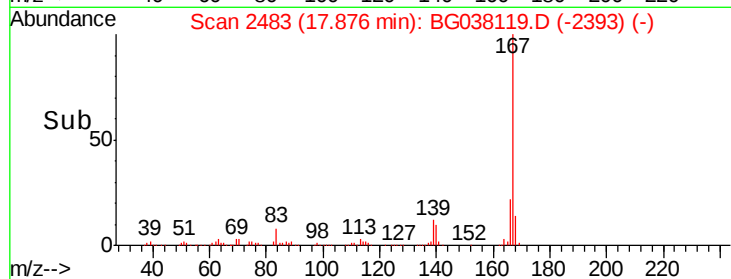
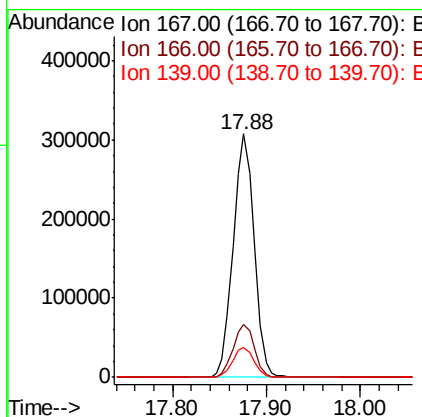
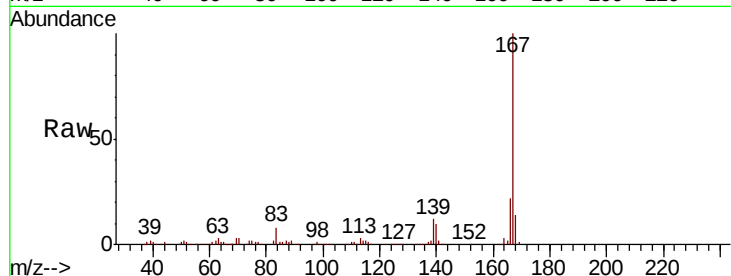




#73
 Carbazole
 Concen: 34.260 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

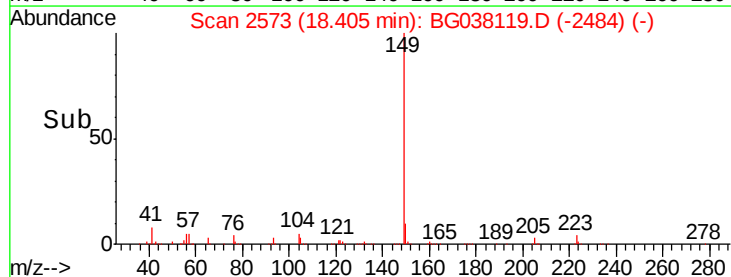
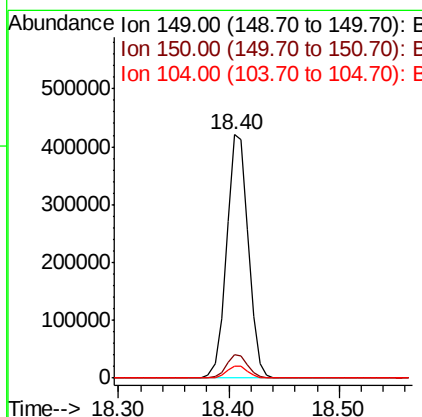
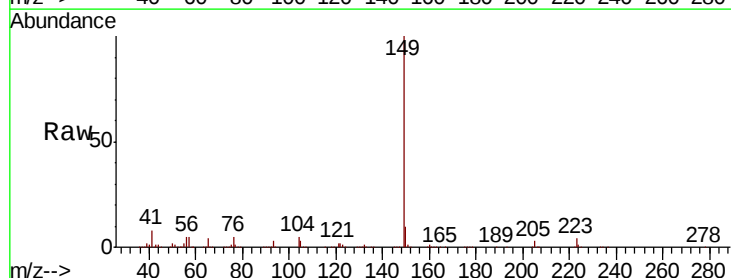
Instrument :
 BNA_G
 ClientSampleId :

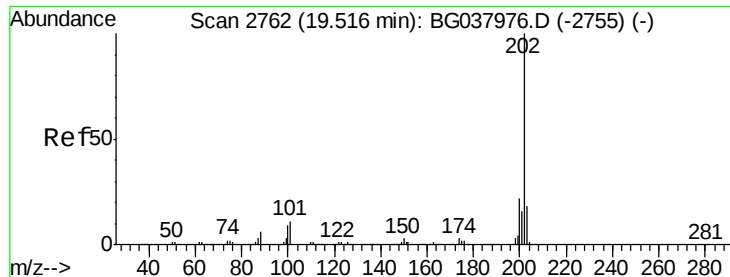
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.3	27.5
139	12.4	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 36.925 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 38.058 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampled :

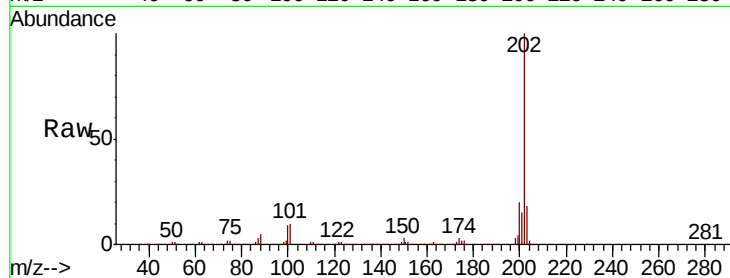
Tot Ion:202 Resp: 610075

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.7

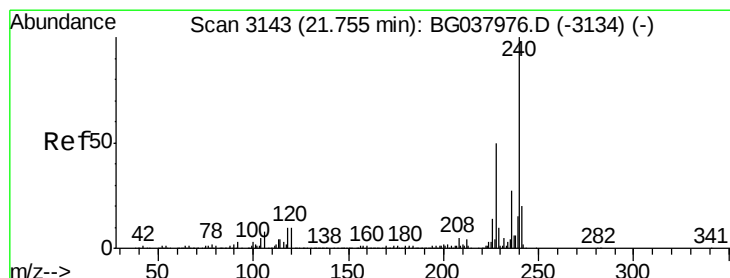
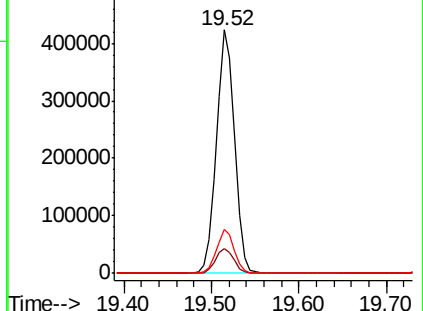
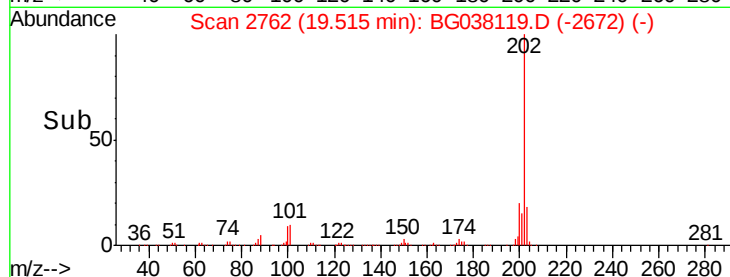
203 18.1 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

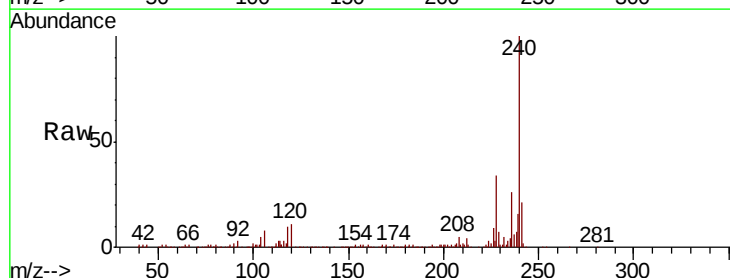
Tgt Ion:240 Resp: 251326

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

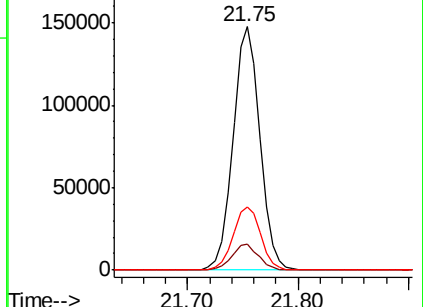
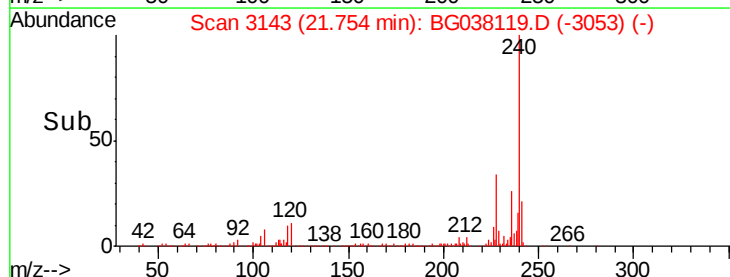
236 26.0 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.775 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

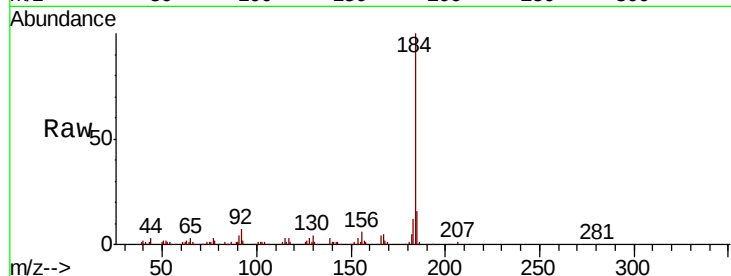
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 112662

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	18.8
183	12.5	10.2	15.2

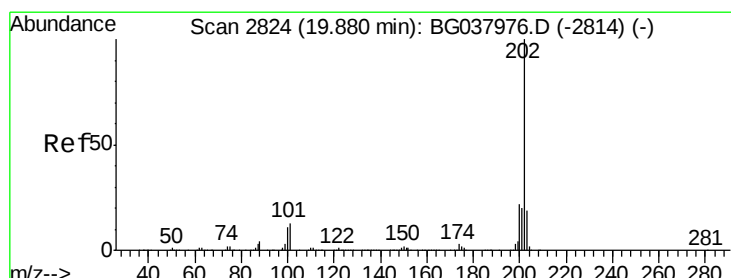
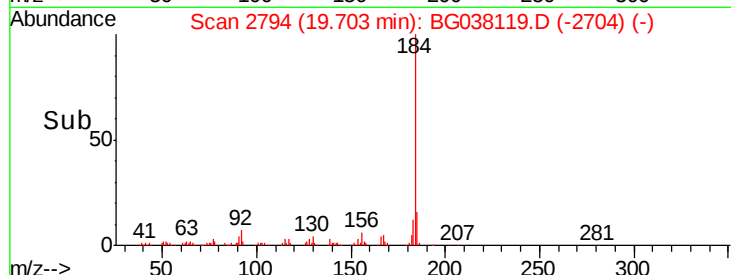
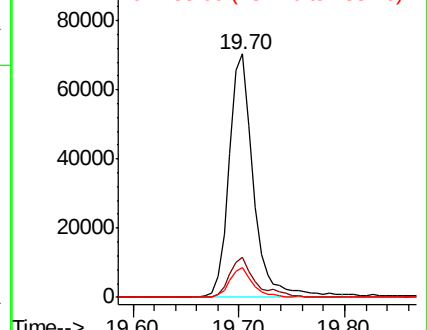


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.161 ng

RT: 19.88 min Scan# 2824

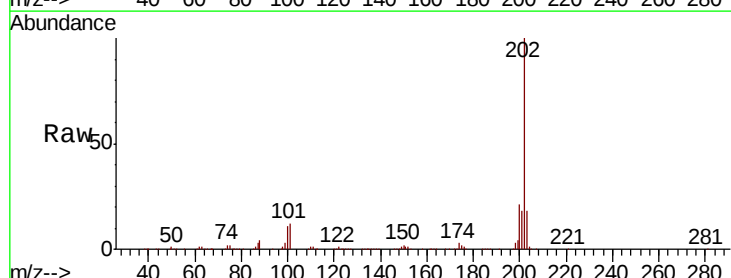
Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:202 Resp: 610626

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	18.1	15.2	22.8

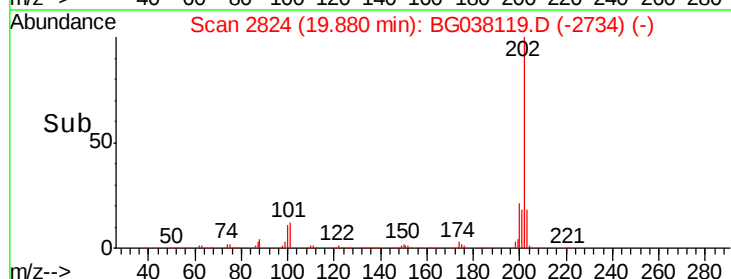
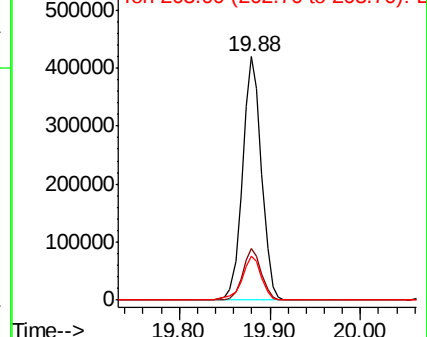


Abundance

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: 75.930 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

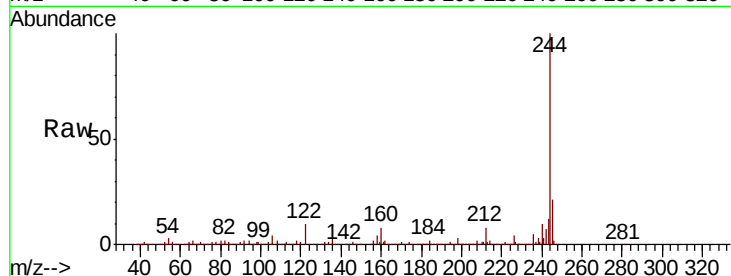
Tot Ion:244 Resp: 811015

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

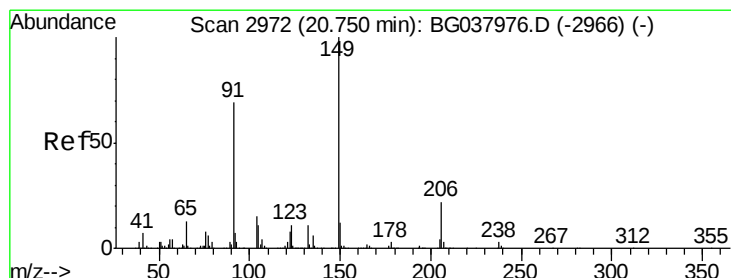
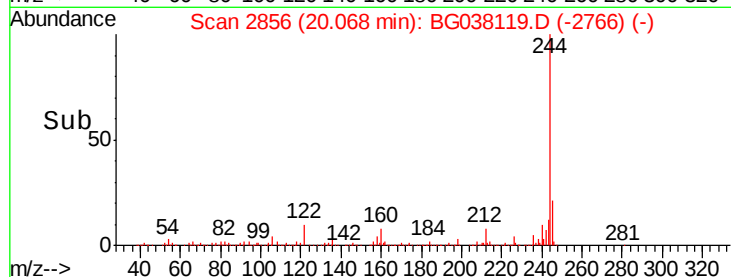
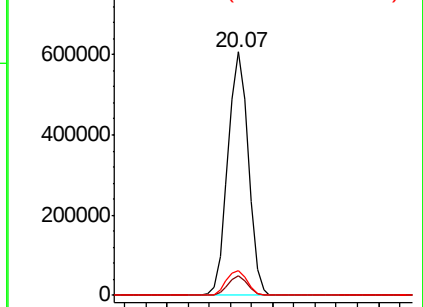
122 9.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.838 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

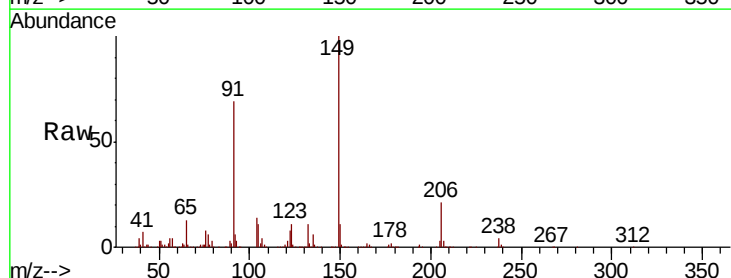
Tgt Ion:149 Resp: 264712

Ion Ratio Lower Upper

149 100

91 68.8 57.0 85.4

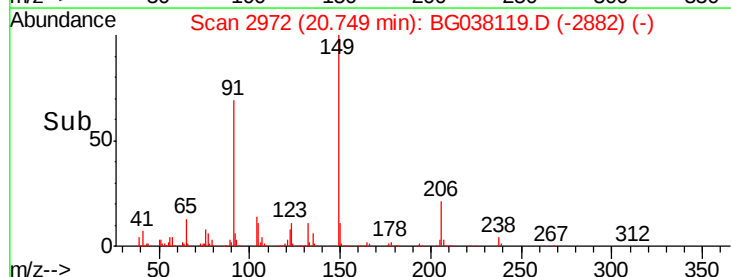
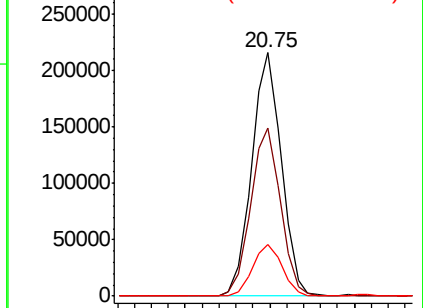
206 21.4 17.8 26.6

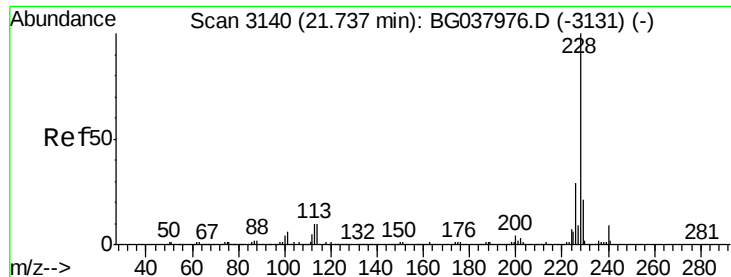


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.744 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

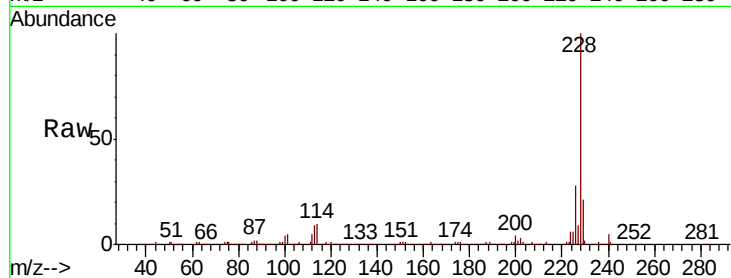
Tot Ion:228 Resp: 573256

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

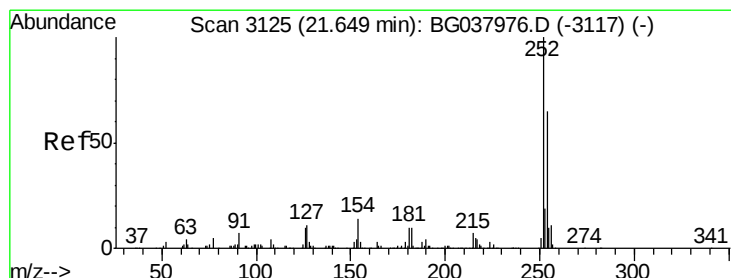
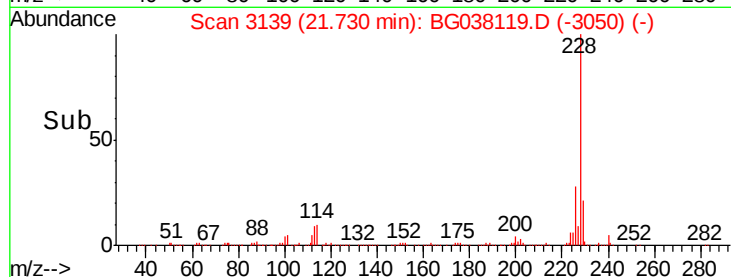
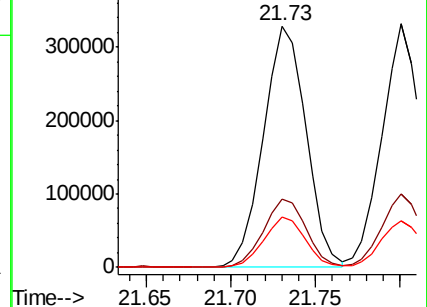
229 20.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.640 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

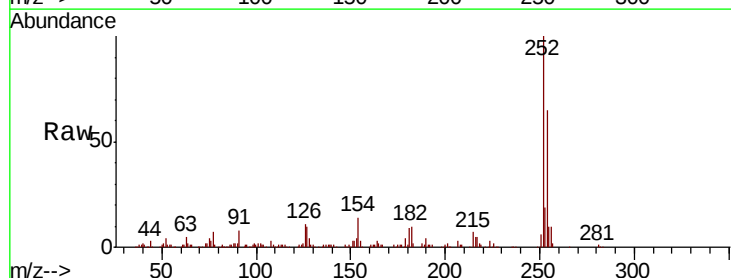
Tgt Ion:252 Resp: 116192

Ion Ratio Lower Upper

252 100

254 64.8 52.0 78.0

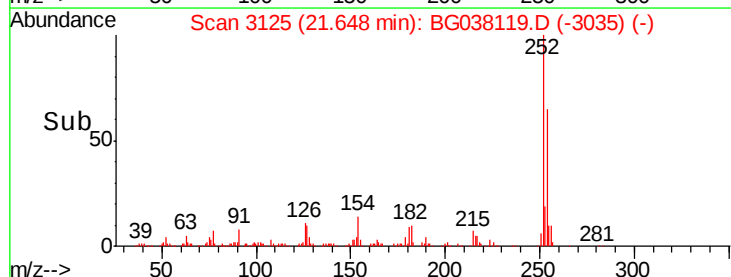
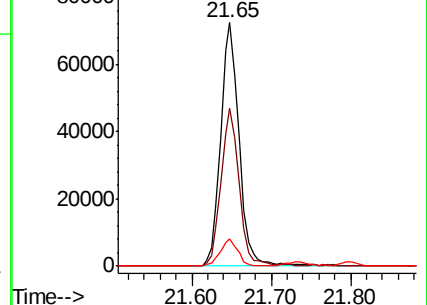
126 11.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

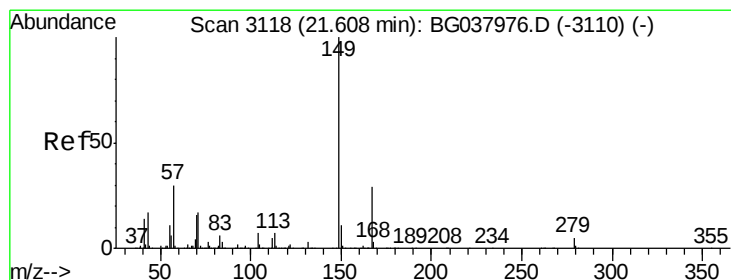
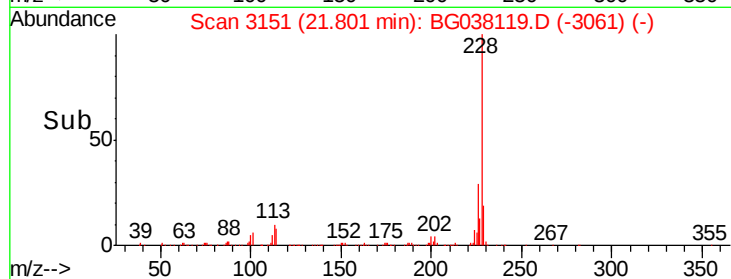
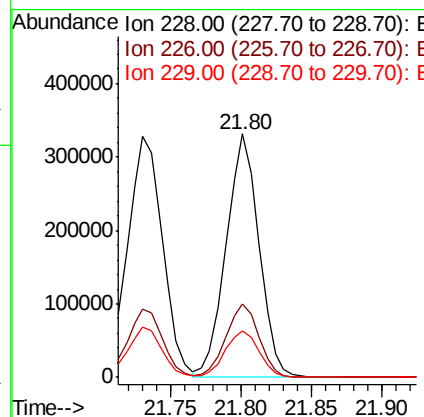
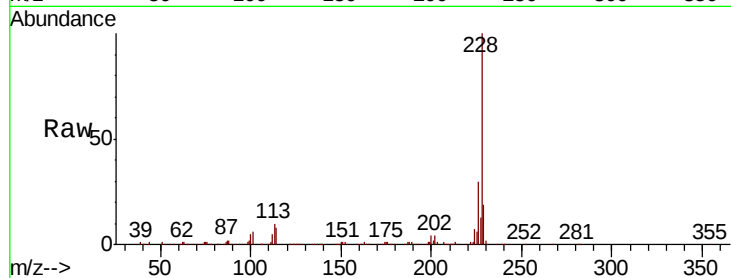




#83
 Chrysene
 Concen: 36.754 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

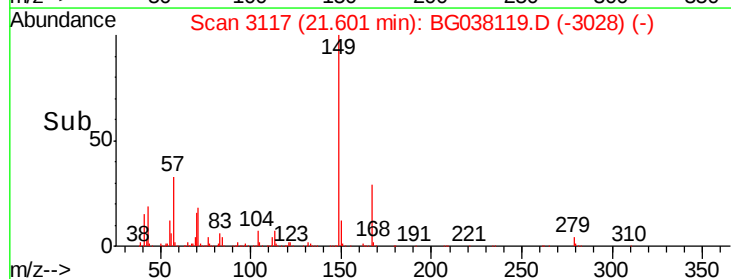
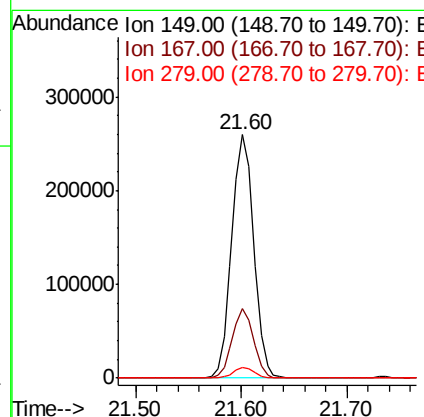
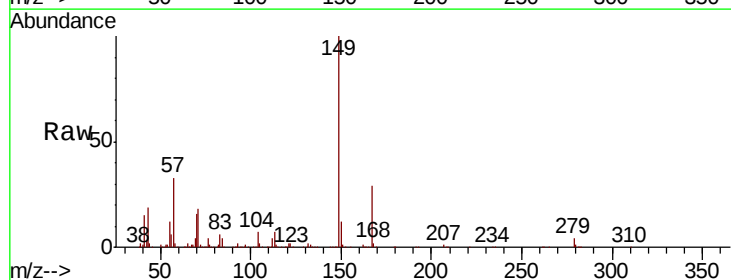
Instrument :
 BNA_G
 ClientSampleId :

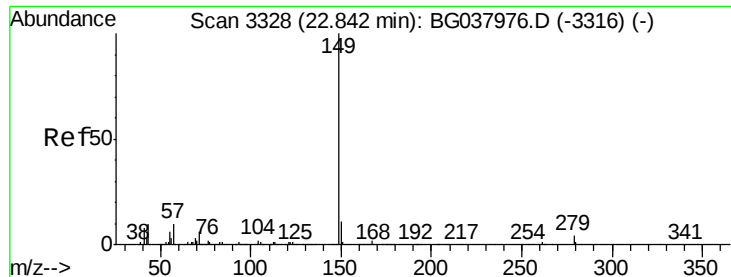
Tot Ion:228 Resp: 534094
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.7 38.5
 229 19.3 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.505 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion:149 Resp: 374093
 Ion Ratio Lower Upper
 149 100
 167 28.8 23.0 34.4
 279 4.3 3.6 5.4

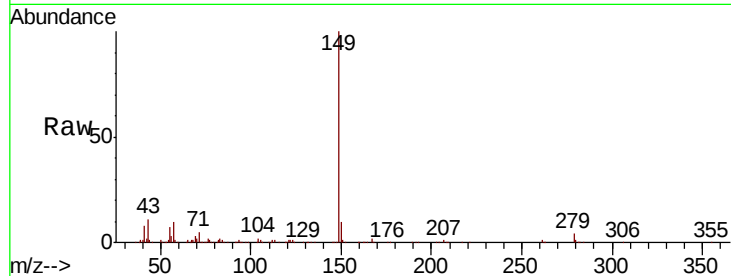




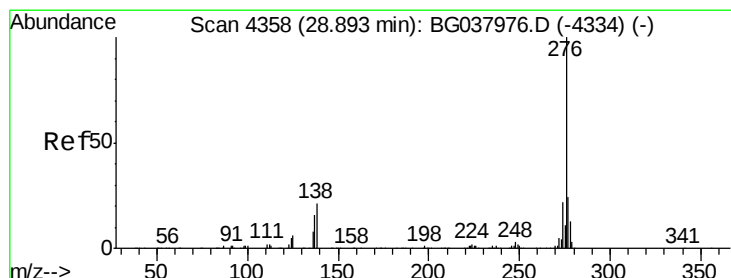
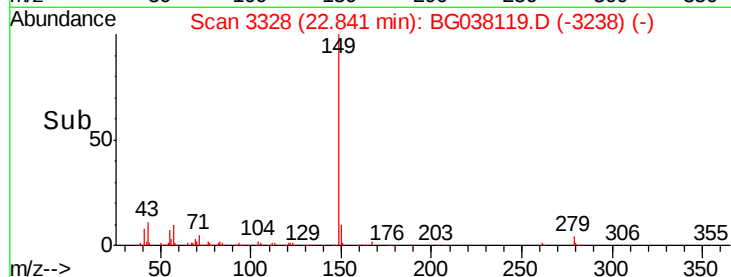
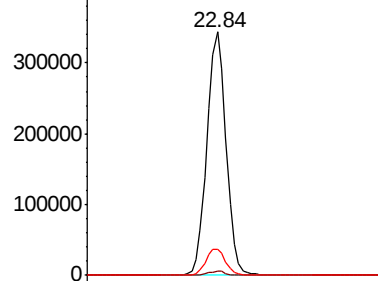
#85
Di-n-octyl phthalate
Concen: 38.172 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 632853
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 8.7 13.1

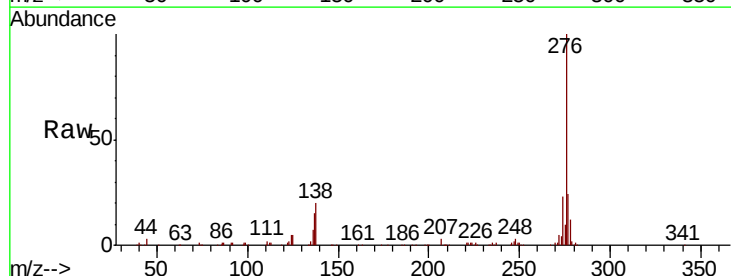


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

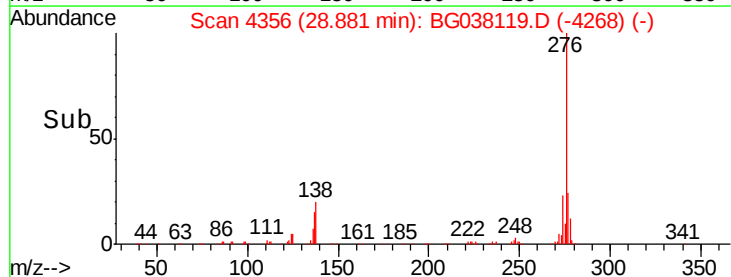
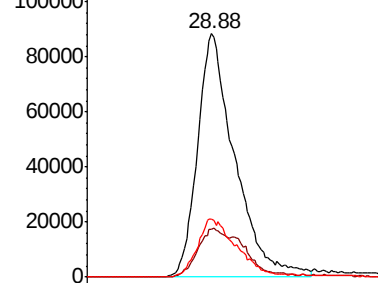


#86
Indeno(1,2,3-cd)pyrene
Concen: 36.941 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:276 Resp: 596193
Ion Ratio Lower Upper
276 100
138 15.5 12.0 18.0
277 24.8 20.6 30.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

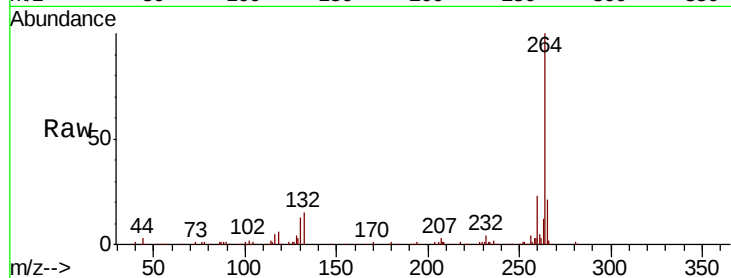
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 262237

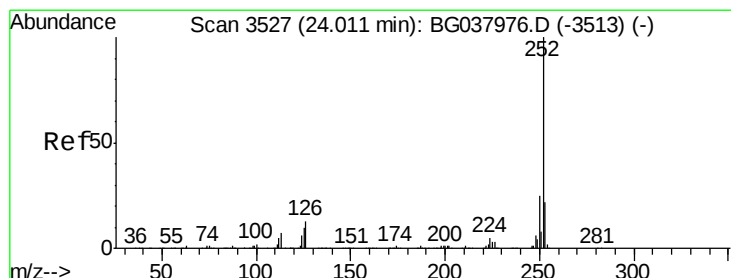
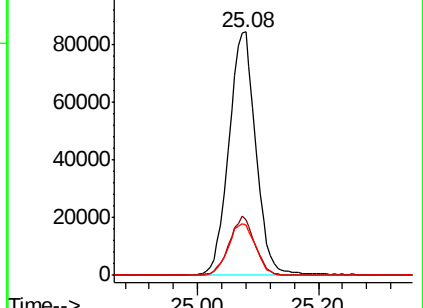
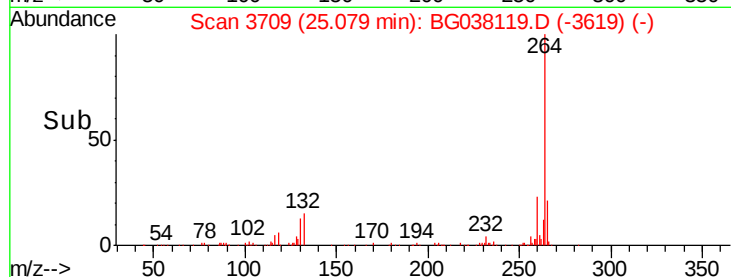
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.5	17.9	26.9



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: 38.889 ng

RT: 24.01 min Scan# 3527

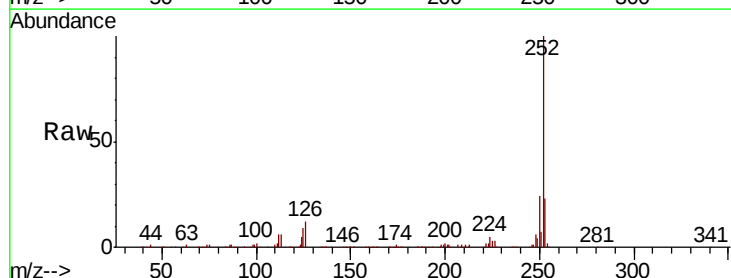
Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:252 Resp: 561207

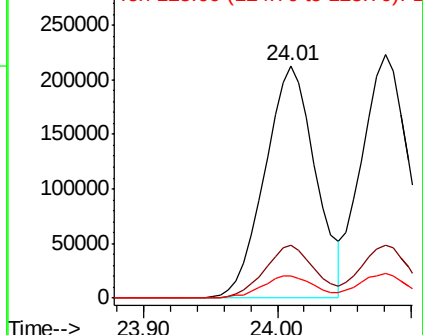
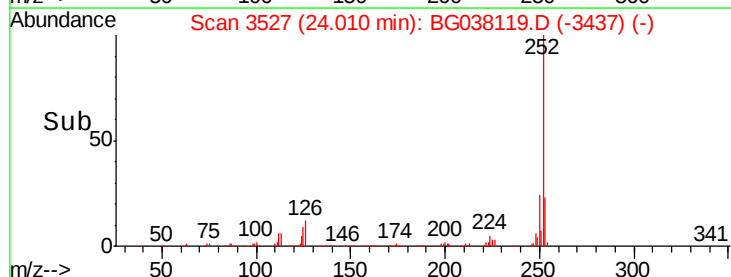
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.3	7.8	11.6



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

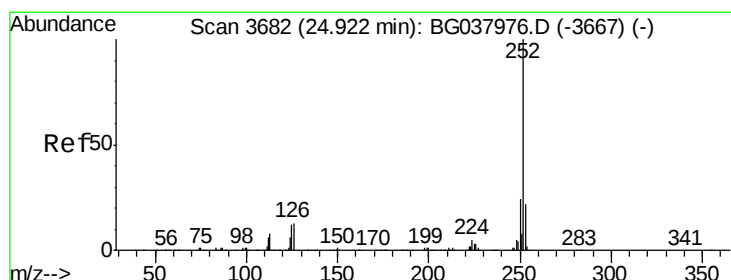
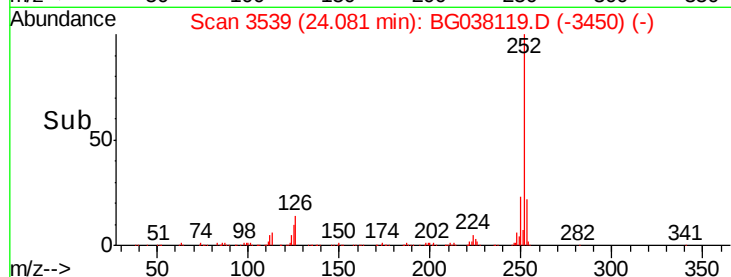
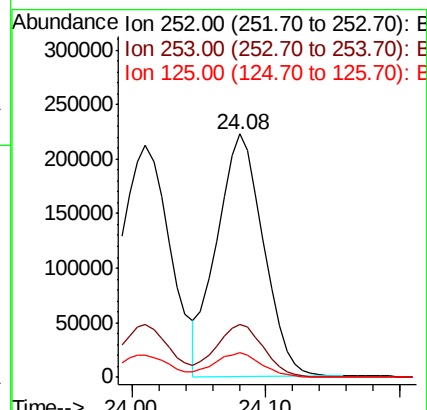
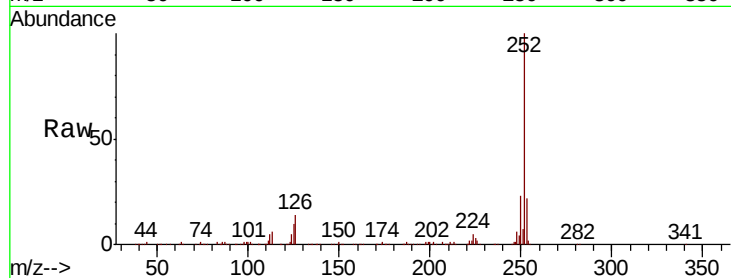




#89
Benzo(k)fluoranthene
Concen: 37.882 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

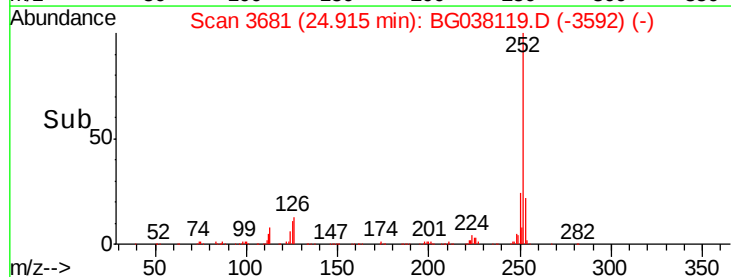
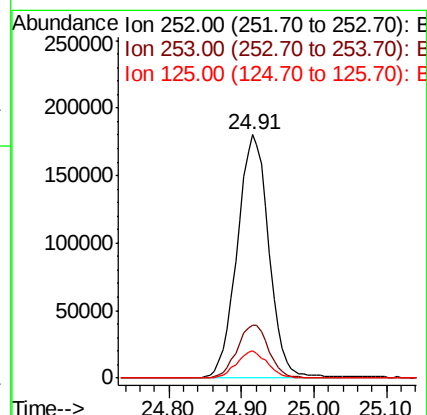
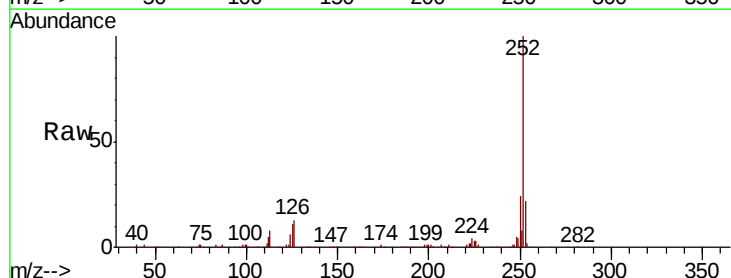
Instrument :
BNA_G
ClientSampleId :

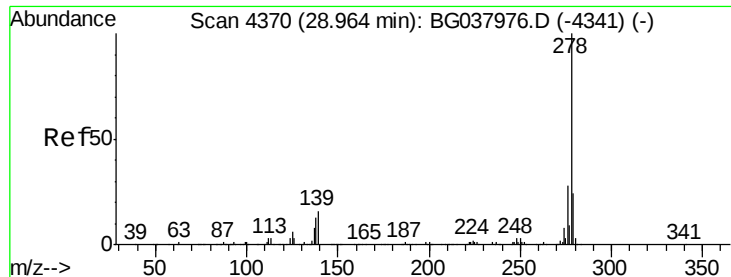
Tot Ion:252 Resp: 539432
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.637 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:252 Resp: 546649
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 36.735 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

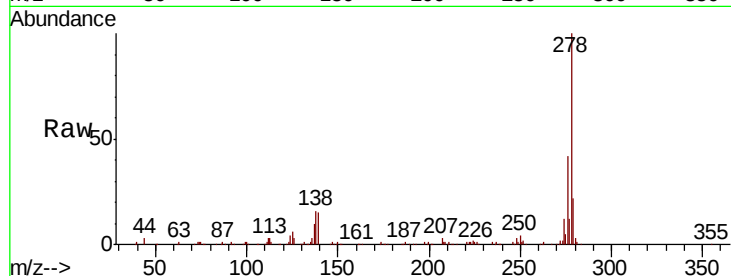
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 487472

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.5	17.3
279	22.2	18.6	27.8

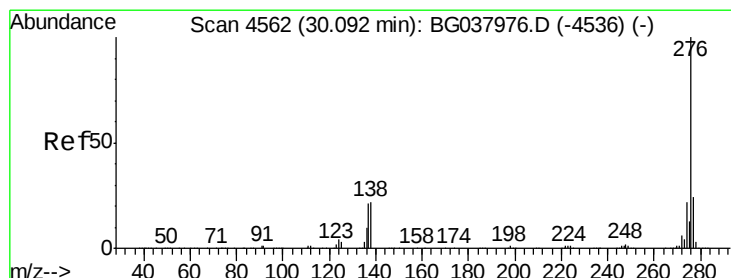
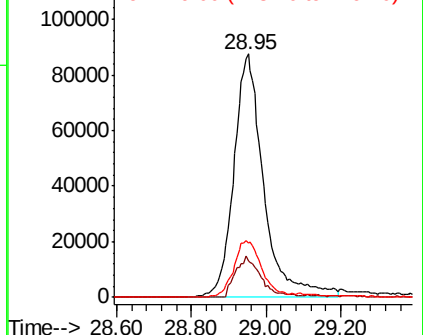
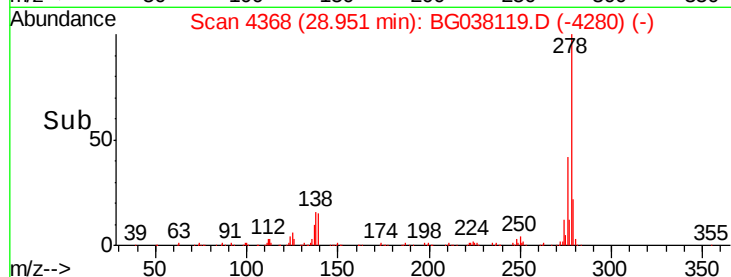


Abundance

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: 36.210 ng

RT: 30.09 min Scan# 4562

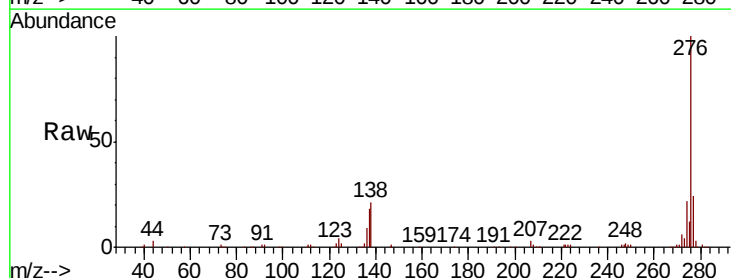
Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:276 Resp: 477772

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	20.7	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

