

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038552.D
 Acq On : 14 Dec 2018 3:54
 Operator : JU/SJ
 Sample : PB115587BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Quant Time: Dec 14 06:00:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24233	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98458	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	66605	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172188	20.00	ng	0.00
76) Chrysene-d12	21.72	240	173676	20.00	ng	0.00
87) Perylene-d12	25.01	264	178753	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	181377	132.75	ng	0.00
7) Phenol-d6	7.22	99	240761	128.36	ng	0.00
23) Nitrobenzene-d5	9.24	82	123773	64.22	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	117863	128.40	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	294474	60.65	ng	0.00
79) Terphenyl-d14	20.04	244	600676	75.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	19317	30.378	ng	87
3) Pyridine	3.89	79	55052	31.445	ng	97
4) n-Nitrosodimethylamine	3.81	42	36097	42.080	ng	# 98
6) Aniline	7.39	93	81374	33.986	ng	97
8) 2-Chlorophenol	7.62	128	67930	42.964	ng	98
9) Benzaldehyde	7.20	77	27177	22.336	ng	97
10) Phenol	7.24	94	87193	43.757	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	60924	38.402	ng	96
12) 1,3-Dichlorobenzene	7.94	146	68292	36.530	ng	96
13) 1,4-Dichlorobenzene	8.09	146	70878	37.019	ng	97
14) 1,2-Dichlorobenzene	8.41	146	67555	37.426	ng	100
15) Benzyl Alcohol	8.30	79	62446	42.654	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	137419	37.812	ng	98
17) 2-Methylphenol	8.50	107	61386	45.980	ng	99
18) Hexachloroethane	9.14	117	25923	37.052	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	52747	40.040	ng	99
20) 3+4-Methylphenols	8.83	107	81513	44.210	ng	95
22) Acetophenone	8.89	105	101182	41.143	ng	# 99
24) Nitrobenzene	9.28	77	80999	41.545	ng	99
25) Isophorone	9.79	82	145921	42.141	ng	98
26) 2-Nitrophenol	9.99	139	38327	38.408	ng	98
27) 2,4-Dimethylphenol	10.04	122	69519	48.611	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	83860	42.914	ng	96
29) 2,4-Dichlorophenol	10.52	162	74685	46.942	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	75631	39.355	ng	98
31) Naphthalene	10.93	128	206476	42.563	ng	98
32) Benzoic acid	10.18	122	26099	32.811	ng	89
33) 4-Chloroaniline	11.05	127	43446	20.628	ng	95
34) Hexachlorobutadiene	11.19	225	49278	37.896	ng	93
35) Caprolactam	11.82	113	15079	22.902	ng	97
36) 4-Chloro-3-methylphenol	12.15	107	77463	42.666	ng	92
37) 2-Methylnaphthalene	12.53	142	157012	45.368	ng	98
38) 1-Methylnaphthalene	12.74	142	149150	44.412	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	91692	36.829	ng	99

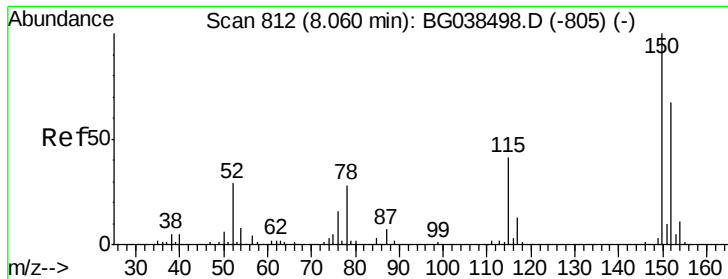
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038552.D
 Acq On : 14 Dec 2018 3:54
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	117191	85.678	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	63782	41.666	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	67421	41.598	ng	97
46) 1,1'-Biphenyl	13.53	154	204139	36.560	ng	100
47) 2-Chloronaphthalene	13.58	162	165574	38.389	ng	98
48) 2-Nitroaniline	13.79	65	56633	41.223	ng	96
49) Acenaphthylene	14.42	152	270566	41.962	ng	99
50) Dimethylphthalate	14.15	163	223317	41.057	ng	99
51) 2,6-Dinitrotoluene	14.28	165	50608	41.057	ng	95
52) Acenaphthene	14.76	154	154896	40.174	ng	96
53) 3-Nitroaniline	14.61	138	35898	28.570	ng	98
54) 2,4-Dinitrophenol	14.82	184	58841	80.215	ng	96
55) Dibenzofuran	15.09	168	261185	39.519	ng	97
56) 4-Nitrophenol	14.91	139	82003	86.028	ng	94
57) 2,4-Dinitrotoluene	15.07	165	73601	42.395	ng	97
58) Fluorene	15.74	166	212575	43.413	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	63911	43.829	ng	98
60) Diethylphthalate	15.50	149	232985	39.019	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	117902	38.592	ng	96
62) 4-Nitroaniline	15.78	138	55367	42.801	ng	99
63) Azobenzene	16.02	77	203180	40.733	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	44843	36.508	ng	96
66) n-Nitrosodiphenylamine	15.95	169	196140	38.769	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	78637	37.394	ng	93
68) Hexachlorobenzene	16.74	284	83278	38.203	ng	96
69) Atrazine	16.89	200	82415	43.895	ng	97
70) Pentachlorophenol	17.09	266	94542	73.323	ng	98
71) Phenanthrene	17.49	178	378830	42.427	ng	99
72) Anthracene	17.58	178	385914	43.780	ng	99
73) Carbazole	17.85	167	348557	39.983	ng	98
74) Di-n-butylphthalate	18.38	149	423212	42.308	ng	99
75) Fluoranthene	19.49	202	484737	43.877	ng	98
77) Benzidine	19.68	184	206803	40.263	ng	99
78) Pyrene	19.85	202	474461	41.353	ng	100
80) Butylbenzylphthalate	20.72	149	185925	41.477	ng	99
81) Benzo(a)anthracene	21.70	228	458095	43.286	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	117420	27.976	ng	98
83) Chrysene	21.77	228	425900	41.782	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	258137	40.603	ng	99
85) Di-n-octyl phthalate	22.80	149	443677	41.671	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	524108	43.734	ng	# 99
88) Benzo(b)fluoranthene	23.96	252	460552	46.927	ng	98
89) Benzo(k)fluoranthene	24.03	252	436513	44.666	ng	97
90) Benzo(a)pyrene	24.86	252	443211	46.810	ng	98
91) Dibenzo(a,h)anthracene	28.87	278	434356	46.074	ng	99
92) Benzo(g,h,i)perylene	29.98	276	430890	46.379	ng	96

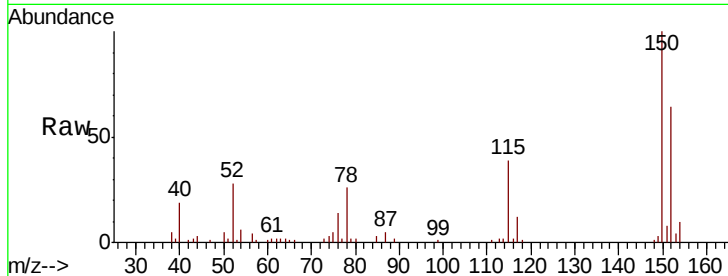
(#) = qualifier out of range (m) = manual integration (+) = signals summed



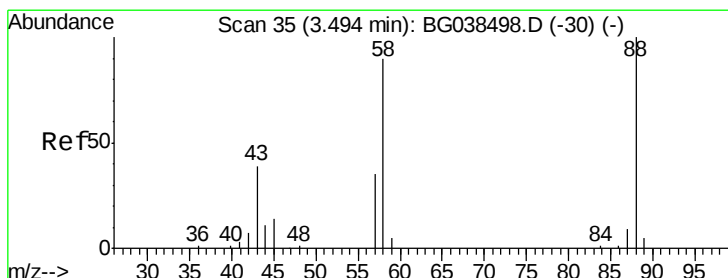
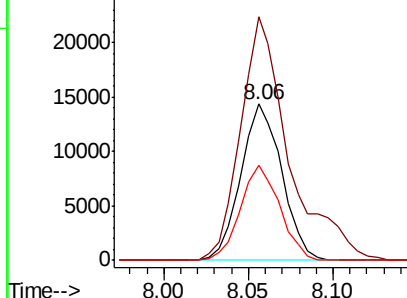
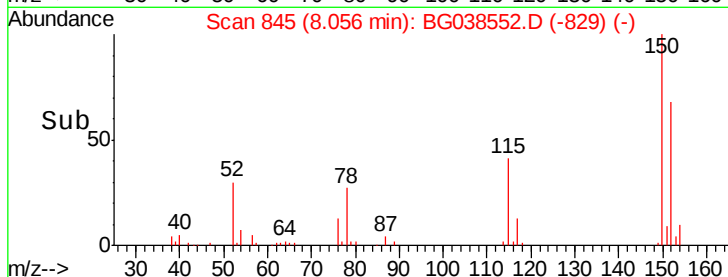
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tgt Ion: 152 Resp: 24233
 Ion Ratio Lower Upper
 152 100
 150 156.1 119.5 179.3
 115 60.6 49.6 74.4

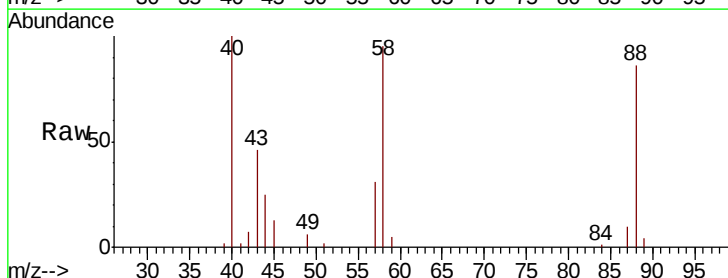


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

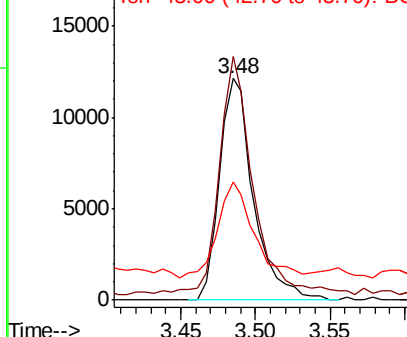
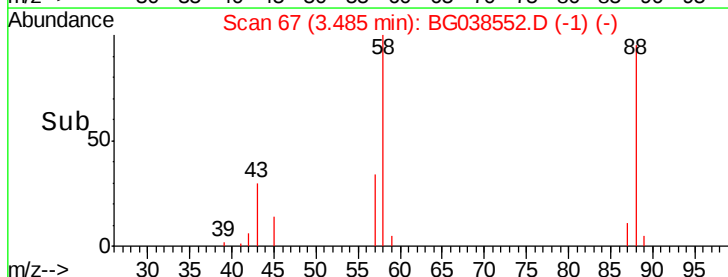


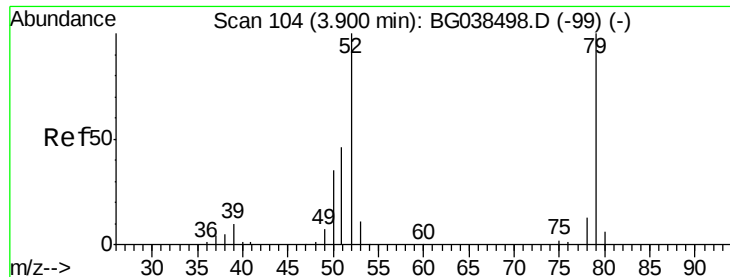
#2
 1,4-Dioxane
 Concen: 30.378 ng
 RT: 3.48 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion: 88 Resp: 19317
 Ion Ratio Lower Upper
 88 100
 58 107.3 75.7 113.5
 43 46.5 31.6 47.4



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

Pyridine

Concen: 31.445 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

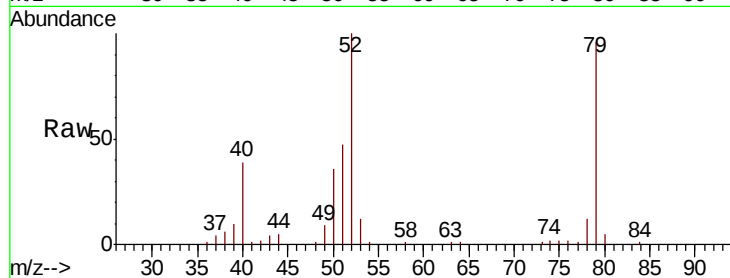
Tgt Ion: 79 Resp: 55052

Ion Ratio Lower Upper

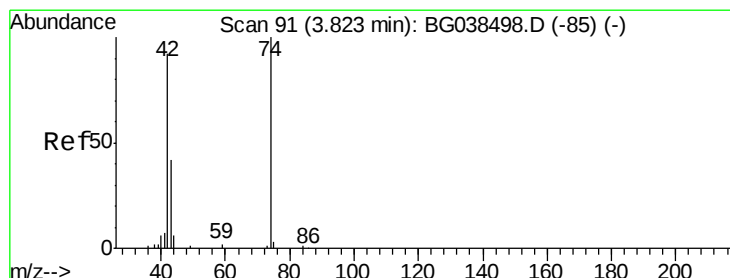
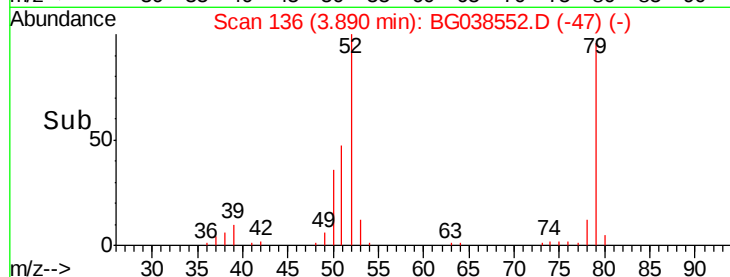
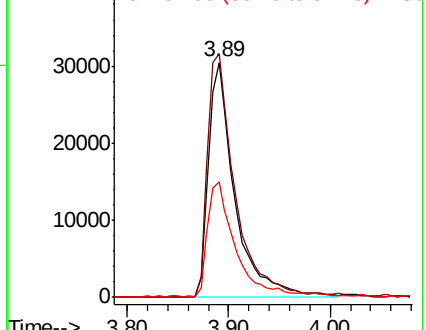
79 100

52 103.7 80.2 120.2

51 49.2 38.0 57.0



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: 42.080 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

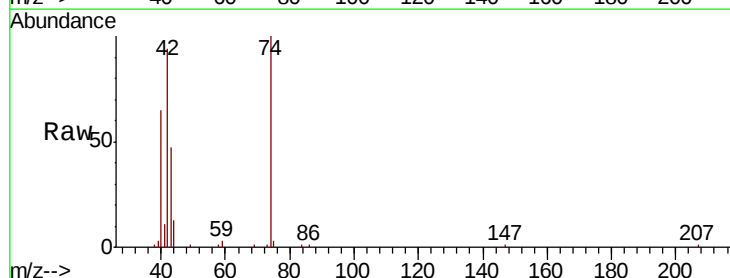
Tgt Ion: 42 Resp: 36097

Ion Ratio Lower Upper

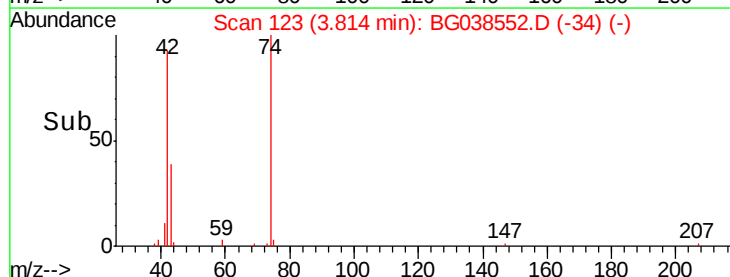
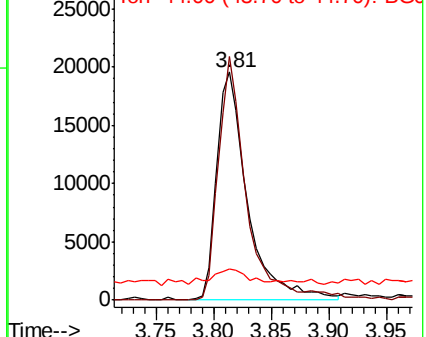
42 100

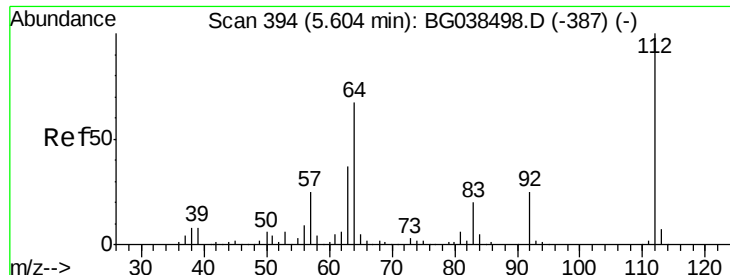
74 106.8 86.7 130.1

44 13.7 7.8 11.8#



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: 132.753 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

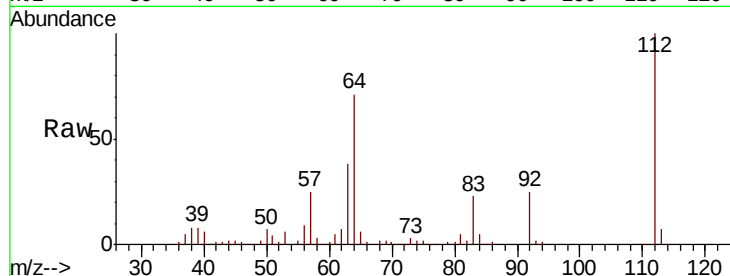
Instrument :

BNA_G

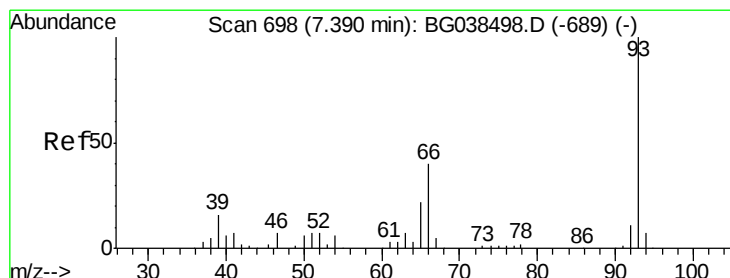
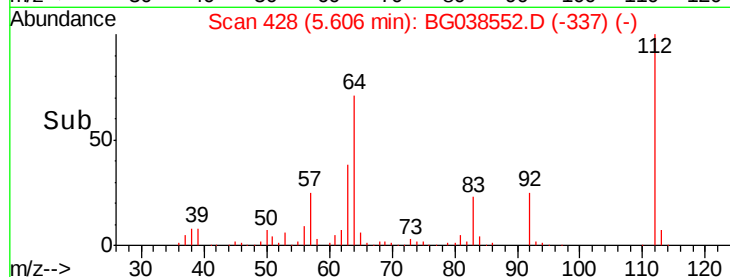
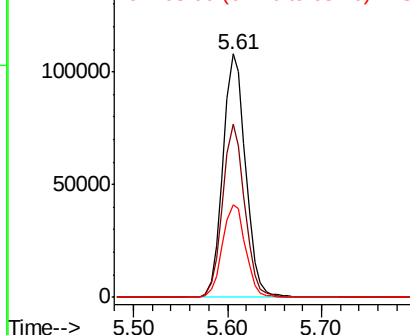
ClientSampleId :

PB115587BS

Tgt Ion:	112	Resp:	181377
Ion	Ratio	Lower	Upper
112	100		
64	71.3	53.4	80.2
63	37.8	29.3	43.9



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



#6

Aniline

Concen: 33.986 ng

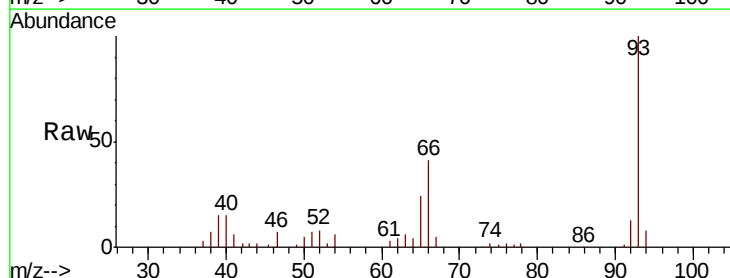
RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

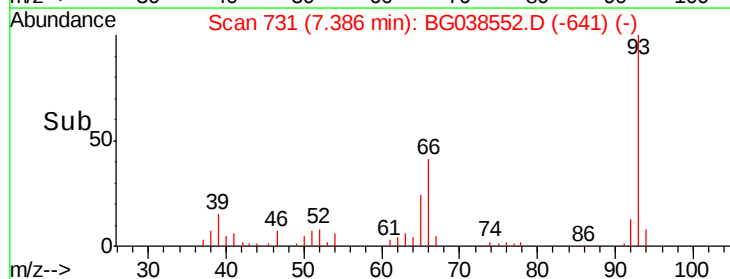
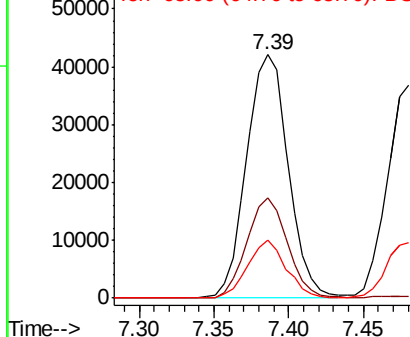
Lab File: BG038552.D

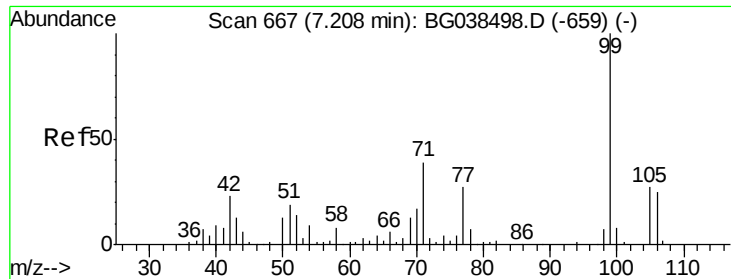
Acq: 14 Dec 2018 3:54

Tgt Ion:	93	Resp:	81374
Ion	Ratio	Lower	Upper
93	100		
66	41.0	31.7	47.5
65	23.8	17.8	26.6



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: 128.362 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

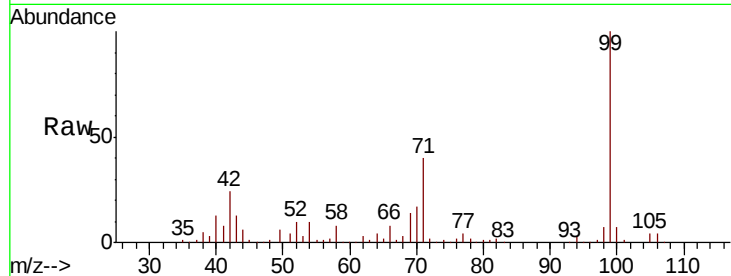
Tgt Ion: 99 Resp: 240761

Ion Ratio Lower Upper

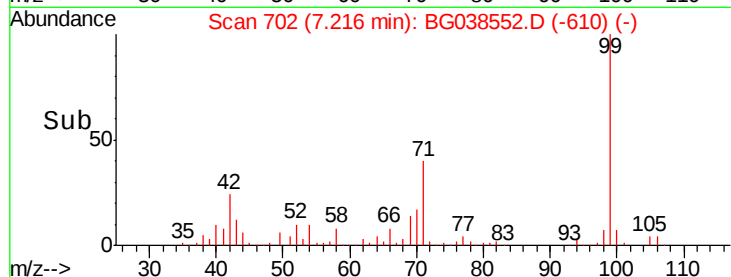
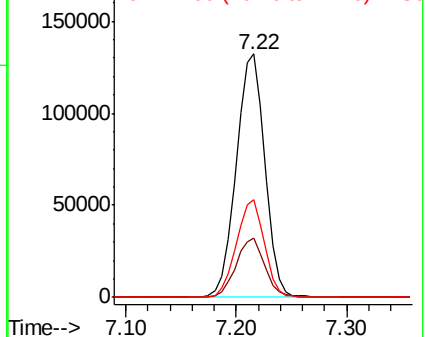
99 100

42 24.4 18.5 27.7

71 40.1 31.1 46.7



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: 42.964 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

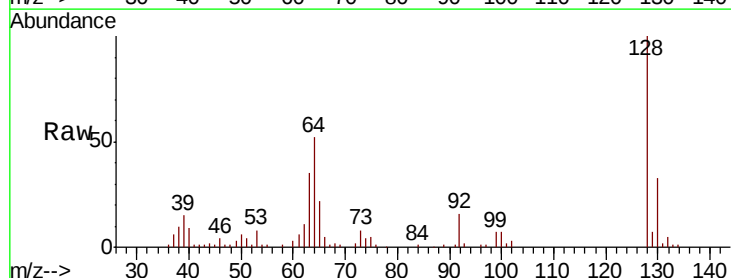
Tgt Ion: 128 Resp: 67930

Ion Ratio Lower Upper

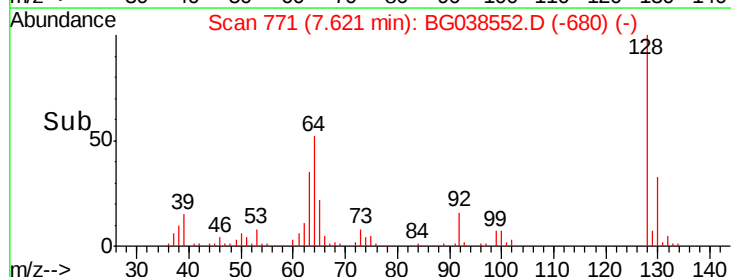
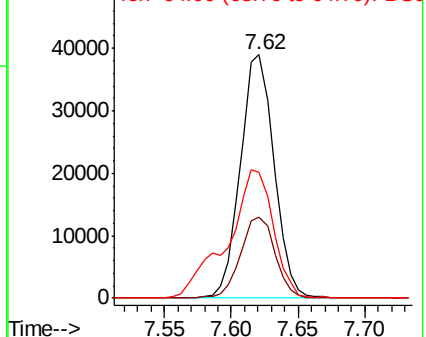
128 100

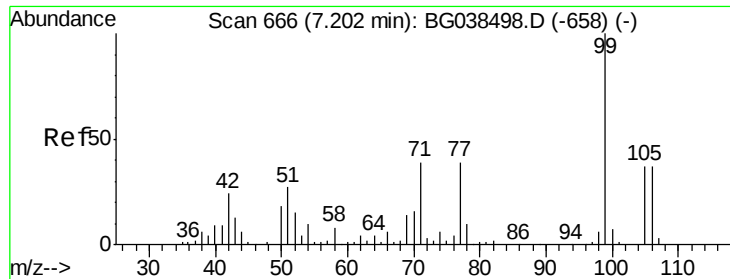
130 33.2 11.8 51.8

64 51.8 33.2 73.2



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





#9

Benzaldehyde

Concen: 22.336 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

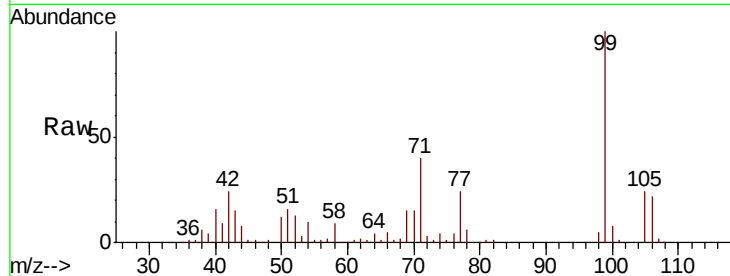
Tgt Ion: 77 Resp: 27177

Ion Ratio Lower Upper

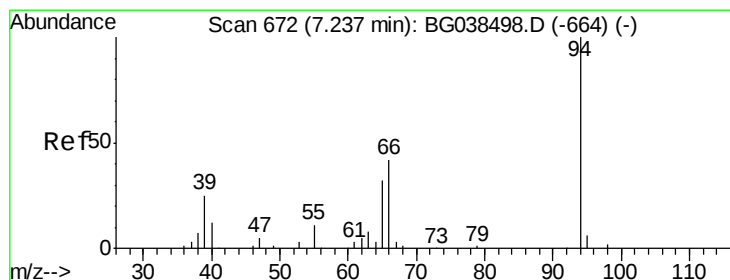
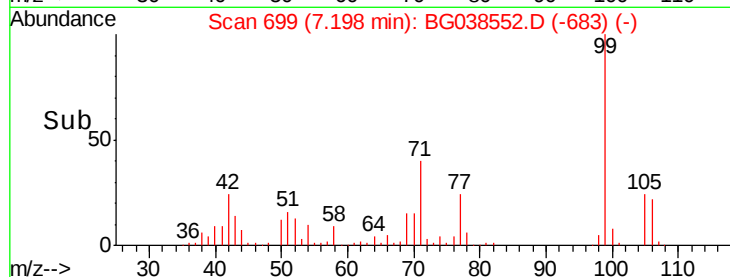
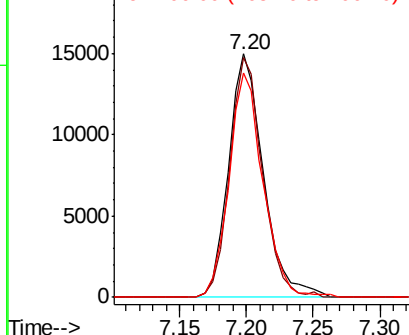
77 100

105 98.3 74.0 114.0

106 92.0 73.9 113.9



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: 43.757 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

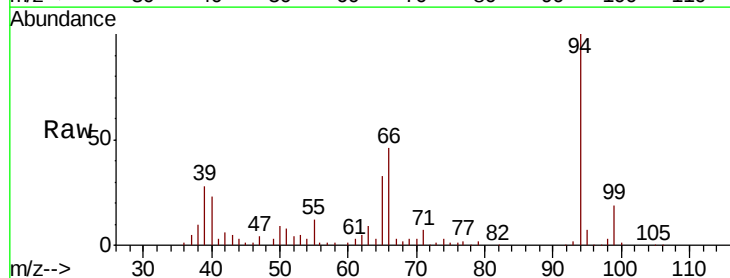
Tgt Ion: 94 Resp: 87193

Ion Ratio Lower Upper

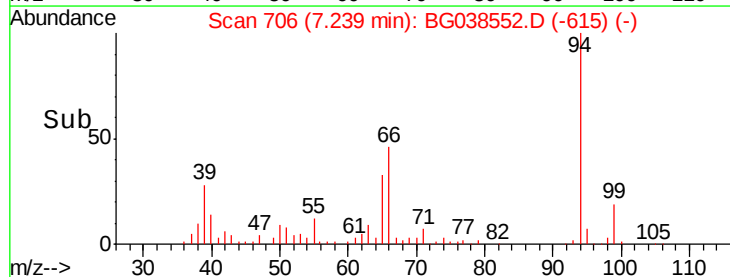
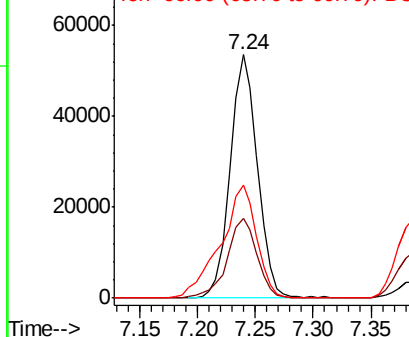
94 100

65 33.0 12.6 52.6

66 46.2 24.1 64.1



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

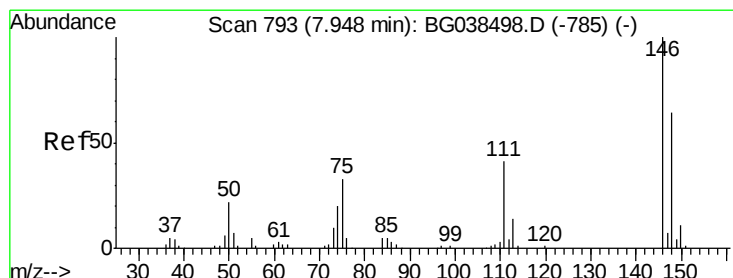
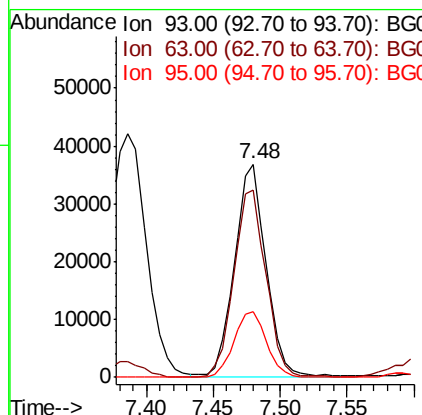
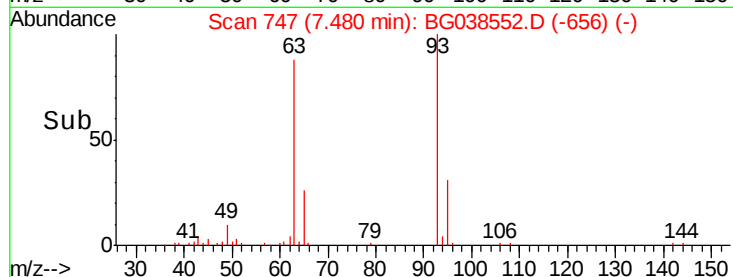
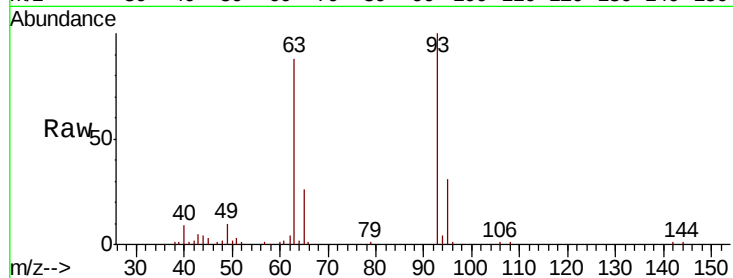




#11
 bis(2-Chloroethyl)ether
 Concen: 38.402 ng
 RT: 7.48 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

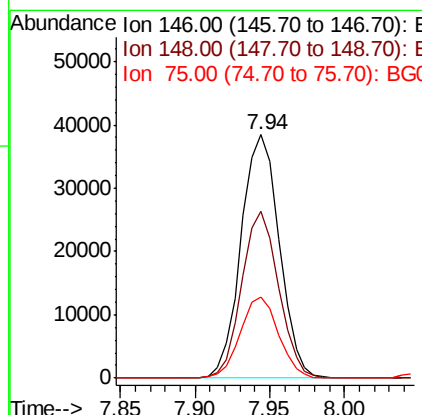
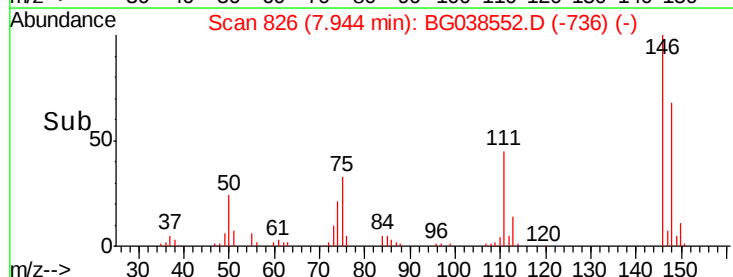
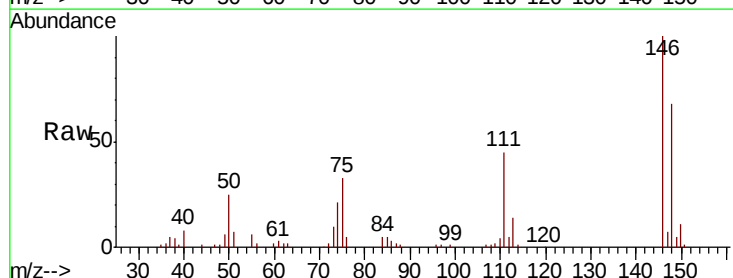
Instrument :
 BNA_G
 ClientSampled :
 PB115587BS

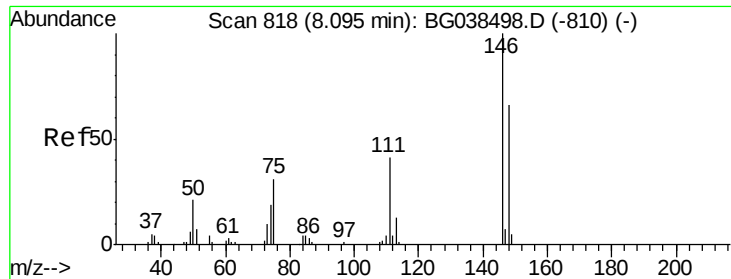
Tgt Ion: 93 Resp: 60924
 Ion Ratio Lower Upper
 93 100
 63 87.6 72.2 112.2
 95 31.1 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 36.530 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion: 146 Resp: 68292
 Ion Ratio Lower Upper
 146 100
 148 68.5 51.4 77.0
 75 33.1 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 37.019 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

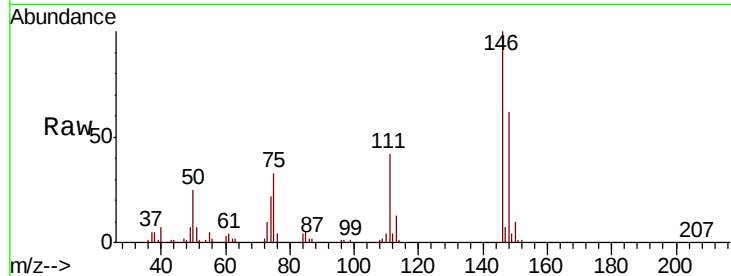
Tgt Ion:146 Resp: 70878

Ion Ratio Lower Upper

146 100

148 62.4 52.4 78.6

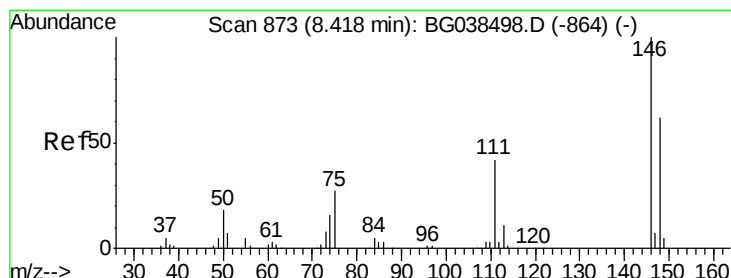
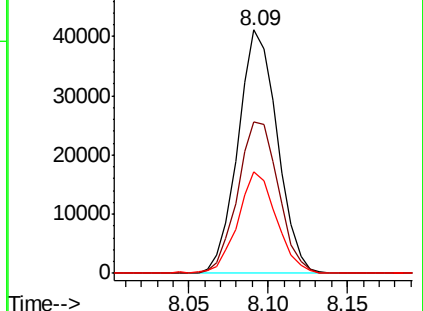
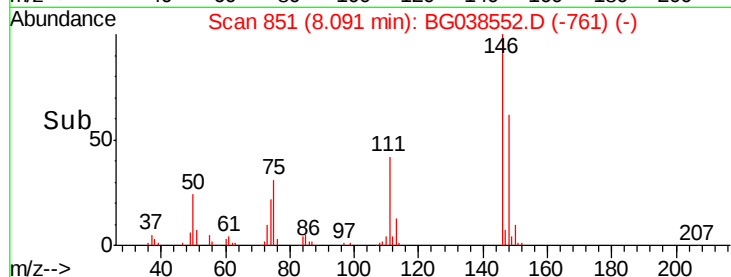
111 41.6 33.0 49.4



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: 37.426 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

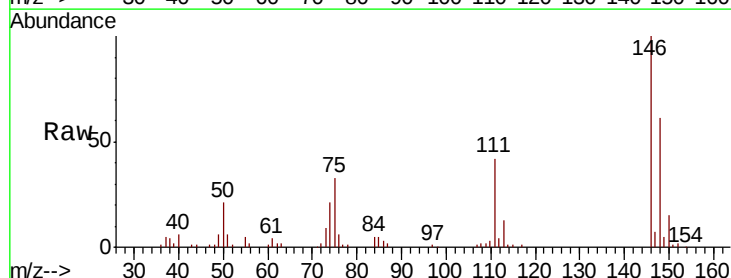
Tgt Ion:146 Resp: 67555

Ion Ratio Lower Upper

146 100

148 61.3 49.4 74.0

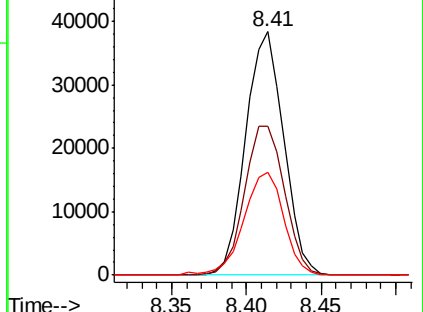
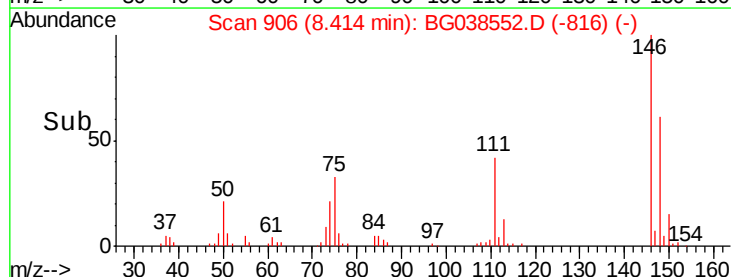
111 42.0 33.8 50.6

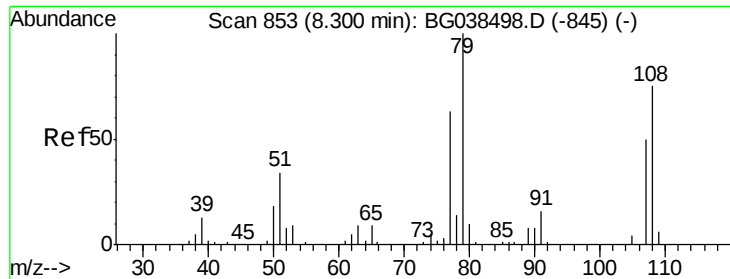


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

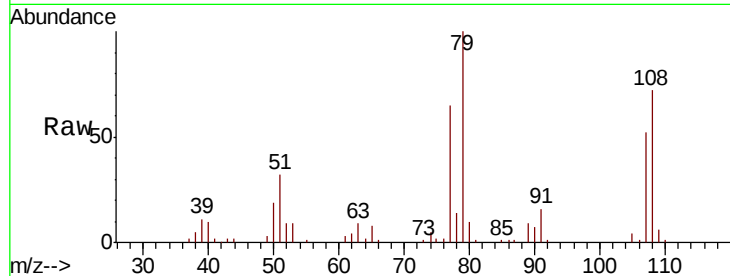




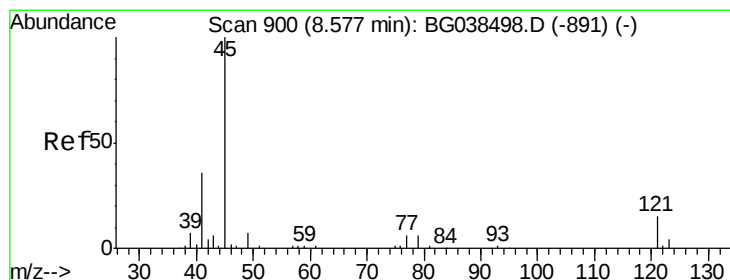
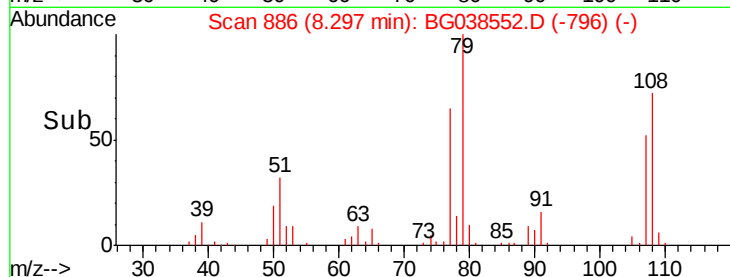
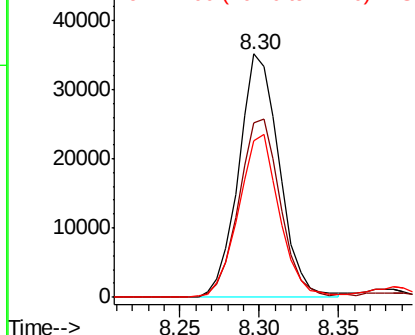
#15
Benzyl Alcohol
Concen: 42.654 ng
RT: 8.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion: 79 Resp: 62446
Ion Ratio Lower Upper
79 100
108 71.8 60.2 90.4
77 64.6 50.7 76.1

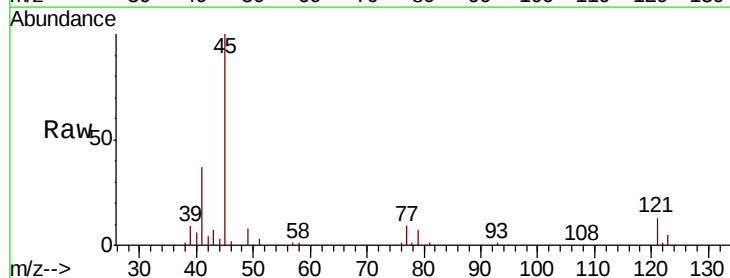


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

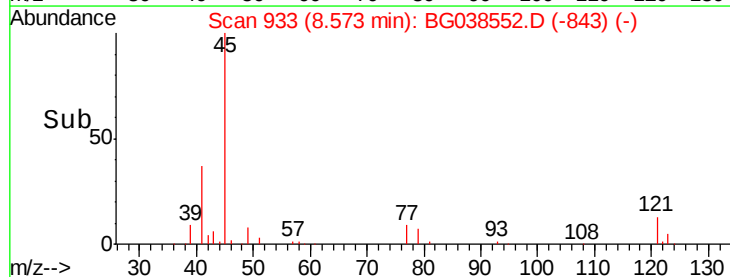
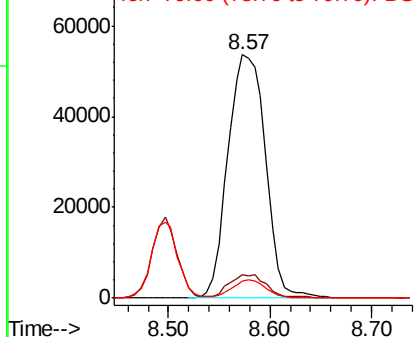


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.812 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion: 45 Resp: 137419
Ion Ratio Lower Upper
45 100
77 9.4 0.0 28.2
79 7.1 0.0 27.2



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

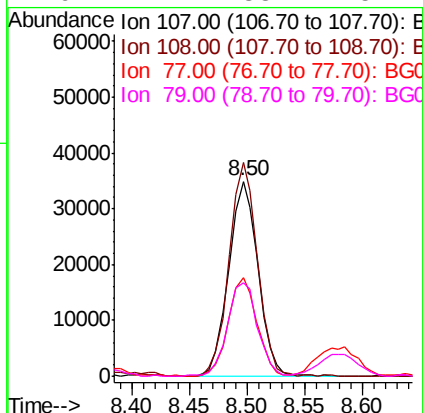
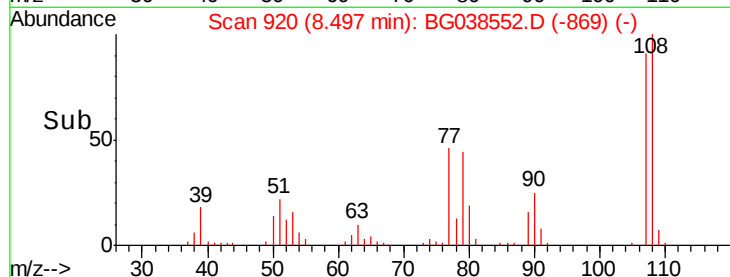
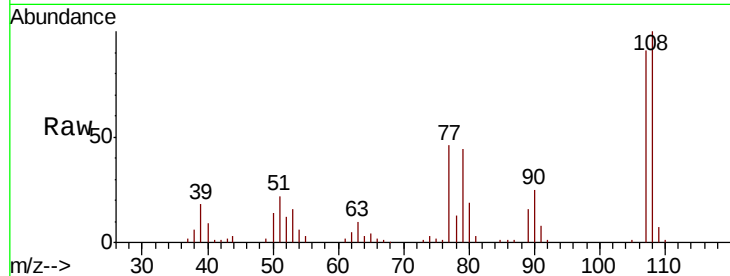




#17
2-Methylphenol
Concen: 45.980 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

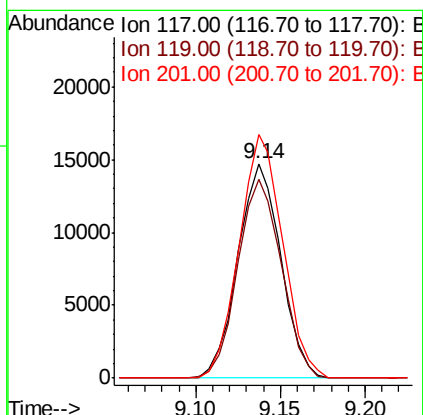
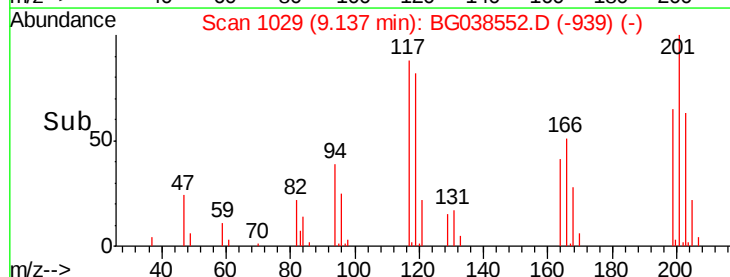
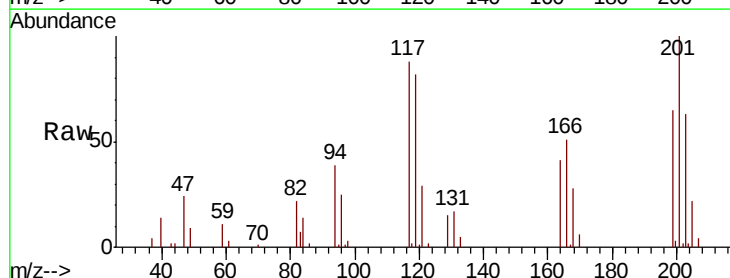
Instrument :
BNA_G
ClientSampleId :
PB115587BS

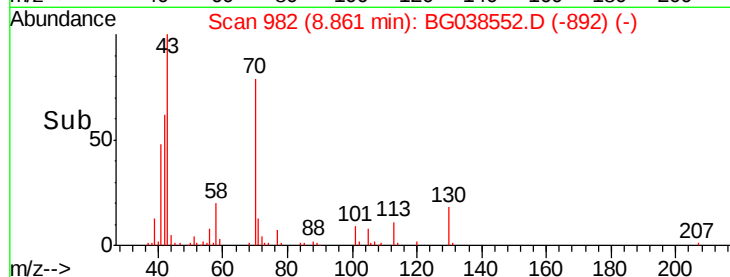
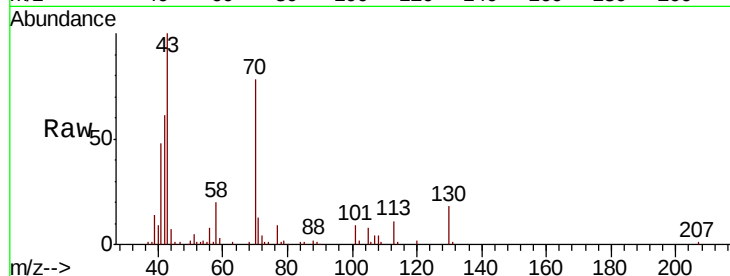
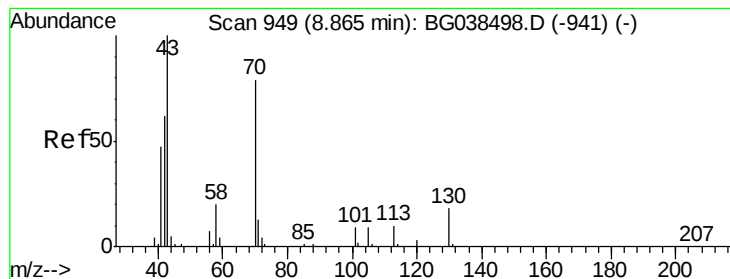
Tgt Ion:107 Resp: 61386
Ion Ratio Lower Upper
107 100
108 109.5 87.1 130.7
77 50.8 42.0 63.0
79 47.7 38.2 57.2



#18
Hexachloroethane
Concen: 37.052 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:117 Resp: 25923
Ion Ratio Lower Upper
117 100
119 92.9 73.8 110.8
201 113.6 89.4 134.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.040 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

Tgt Ion: 70 Resp: 52747

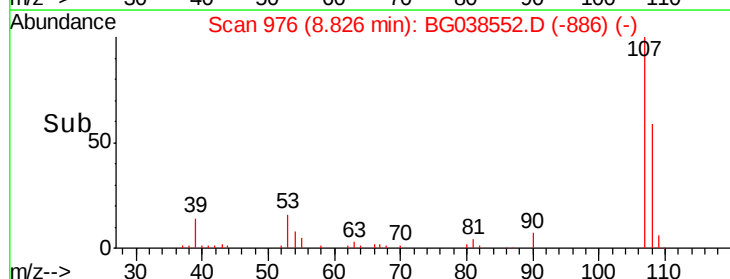
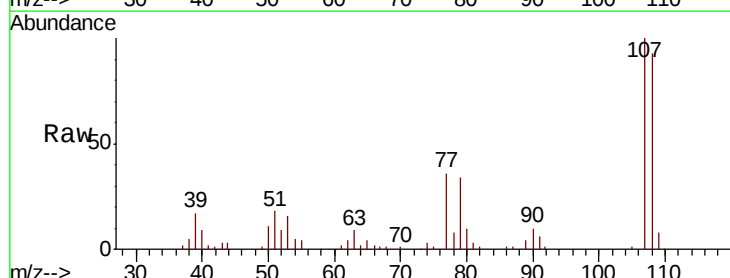
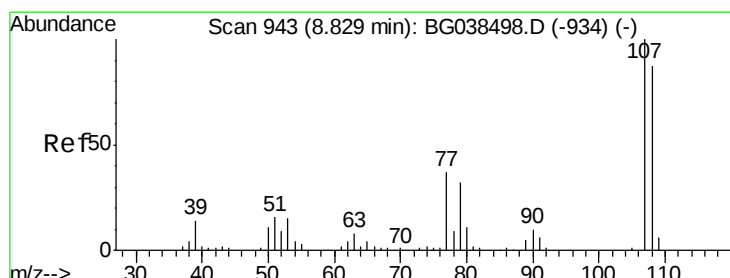
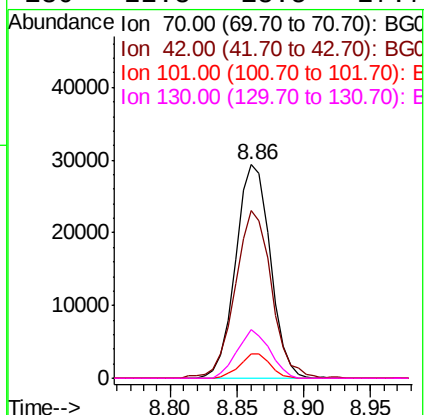
Ion Ratio Lower Upper

70 100

42 78.6 63.6 95.4

101 11.2 9.2 13.8

130 22.8 18.5 27.7



#20

3+4-Methylphenols

Concen: 44.210 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion: 107 Resp: 81513

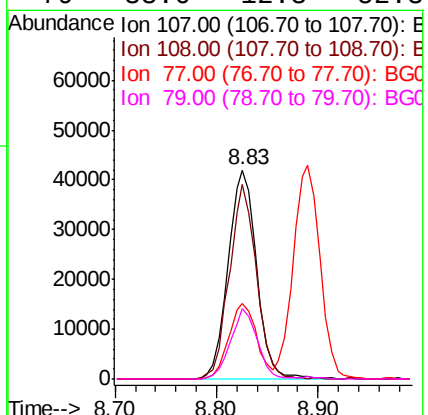
Ion Ratio Lower Upper

107 100

108 93.1 66.7 106.7

77 36.2 17.3 57.3

79 33.6 12.3 52.3

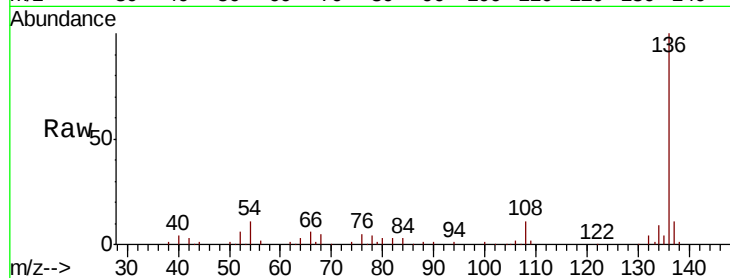




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion:	136	Resp:	98458
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	11.0	8.5	12.7
68	4.9	3.5	5.3



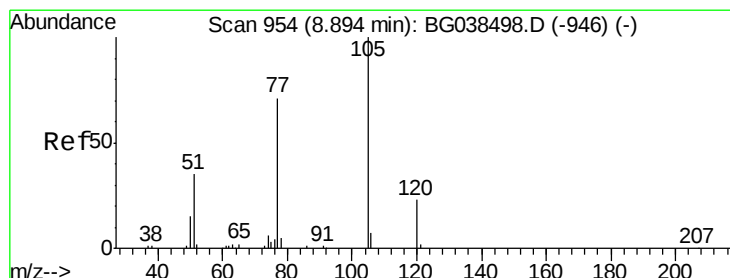
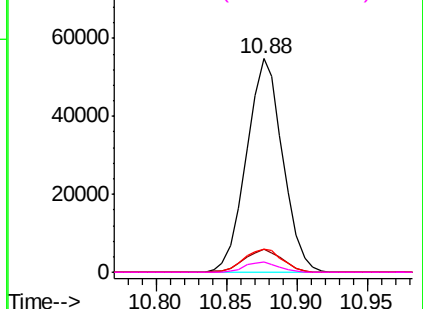
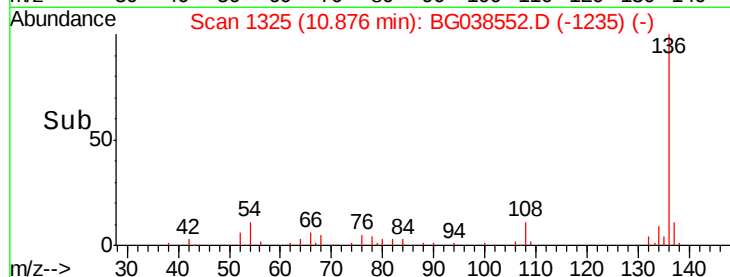
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

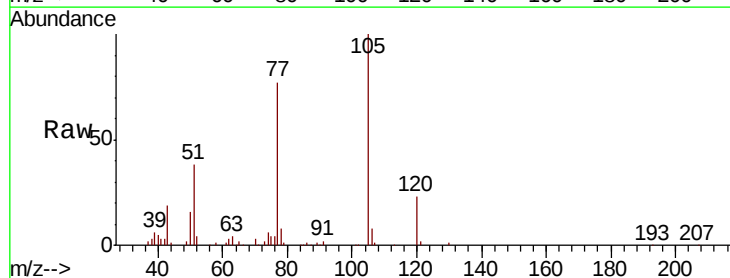
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.143 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:	105	Resp:	101182
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	37.8	30.6	46.0
120	23.3	18.6	28.0



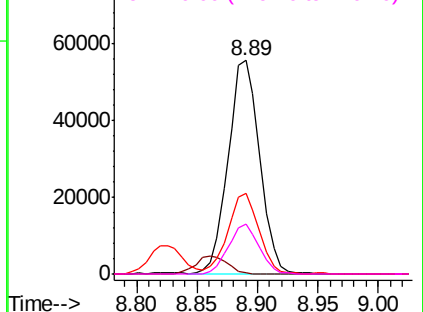
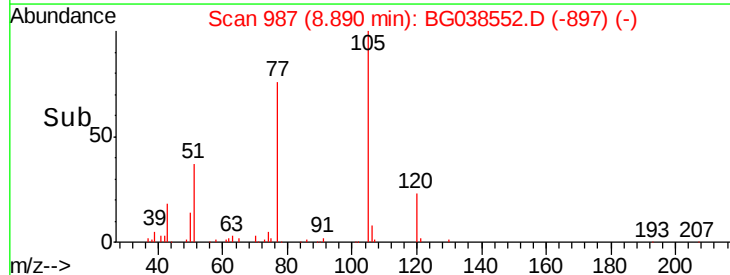
Abundance

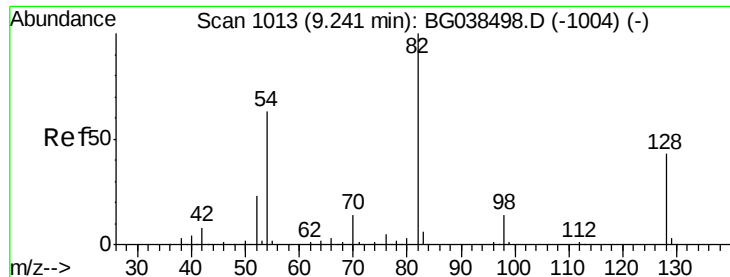
Ion 105.00 (104.70 to 105.70): E

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

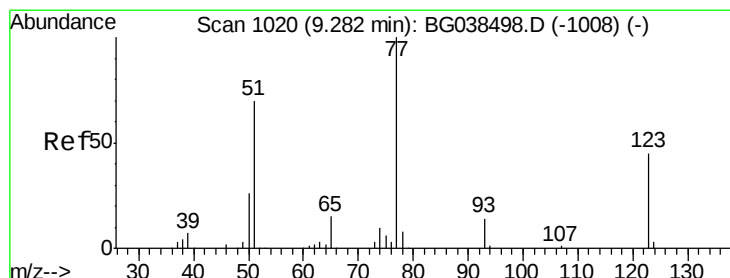
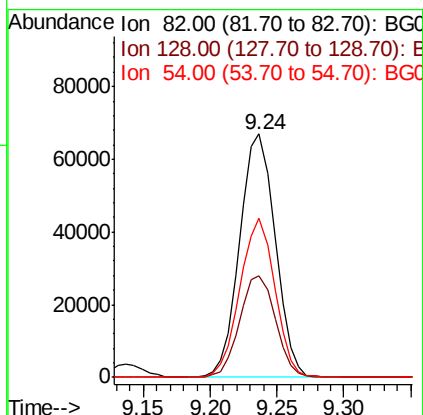
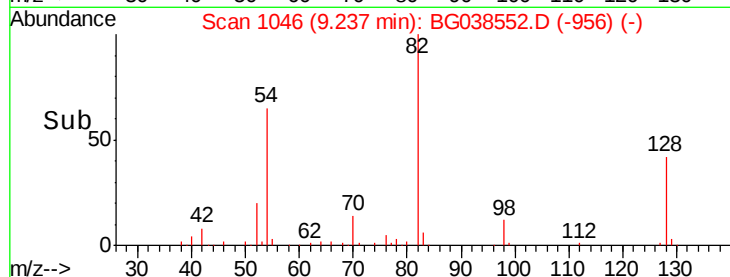
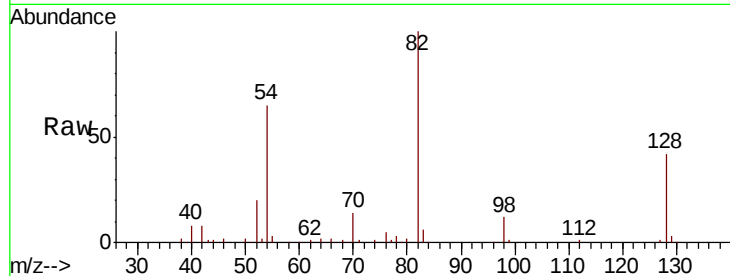




#23
 Nitrobenzene-d5
 Concen: 64.222 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

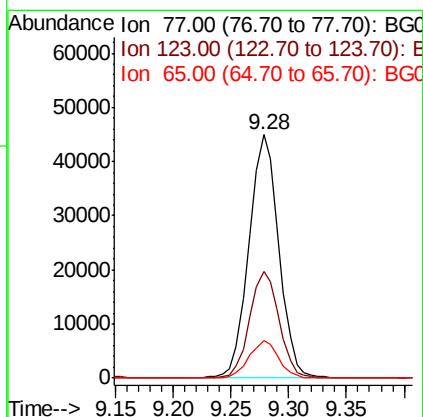
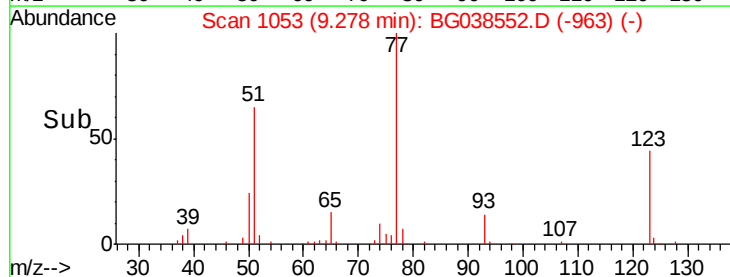
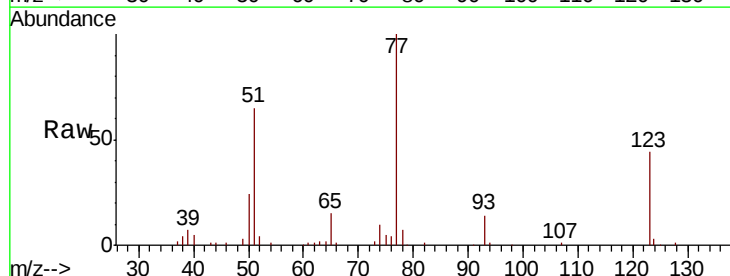
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tgt Ion: 82 Resp: 123773
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 52.0
 54 65.1 50.6 76.0



#24
 Nitrobenzene
 Concen: 41.545 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion: 77 Resp: 80999
 Ion Ratio Lower Upper
 77 100
 123 44.0 35.9 53.9
 65 15.2 12.0 18.0

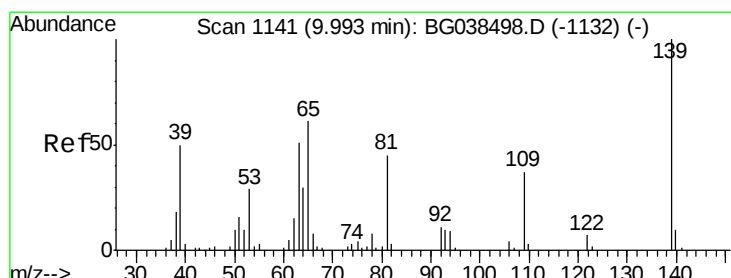
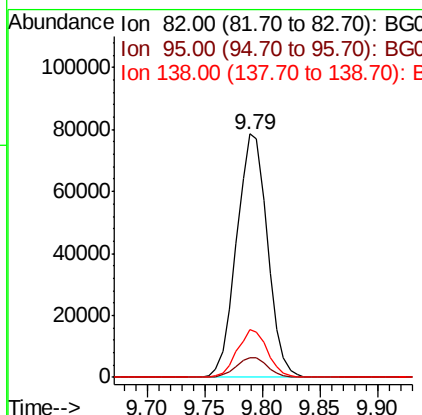
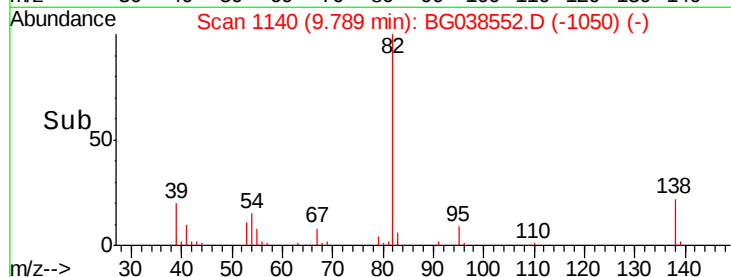
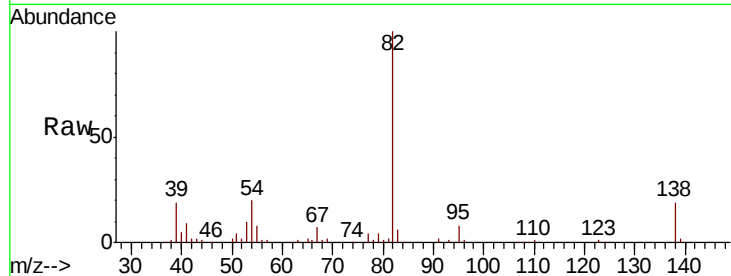




#25
Isophorone
Concen: 42.141 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

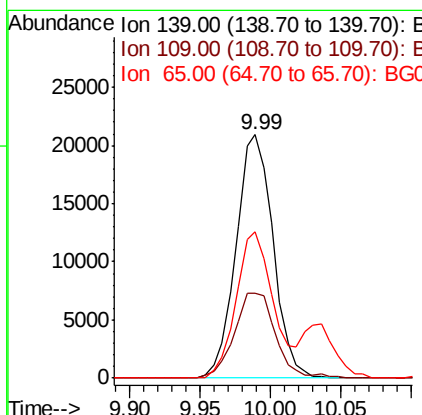
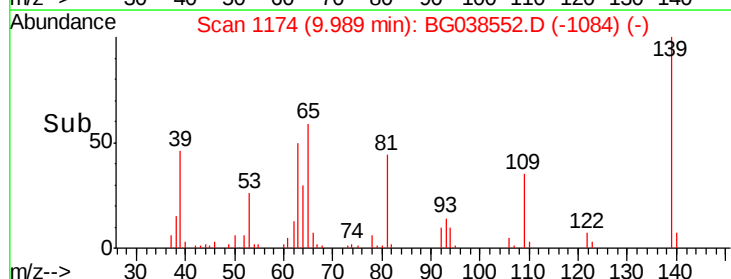
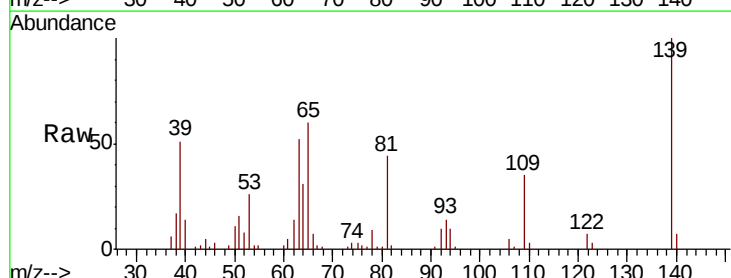
Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion: 82 Resp: 145921
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 19.4 14.9 22.3



#26
2-Nitrophenol
Concen: 38.408 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion: 139 Resp: 38327
Ion Ratio Lower Upper
139 100
109 35.0 29.5 44.3
65 59.9 48.5 72.7

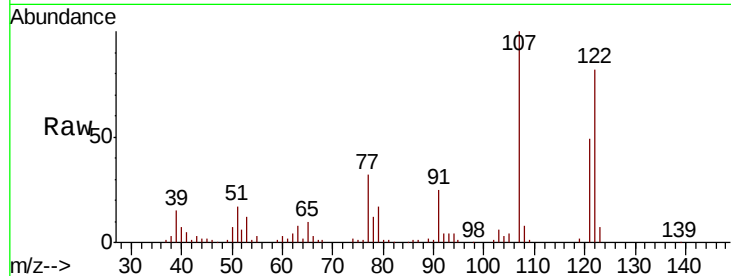




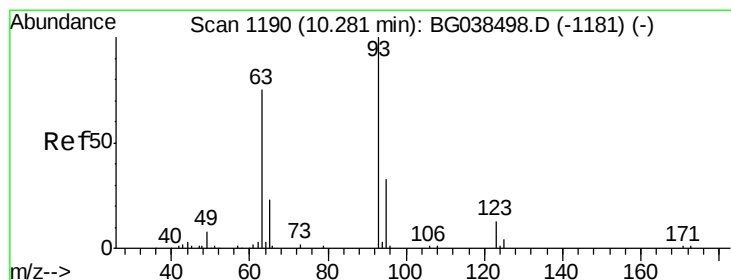
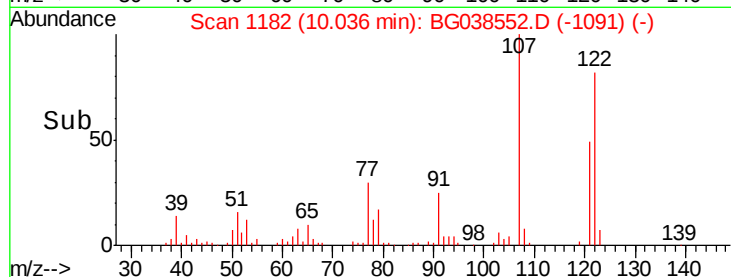
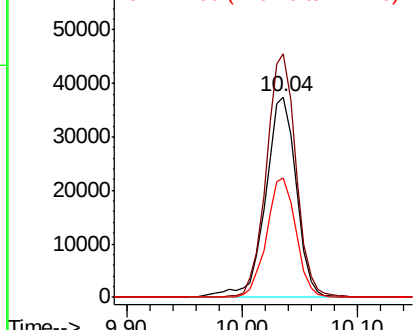
#27
2,4-Dimethylphenol
Concen: 48.611 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion:122 Resp: 69519
Ion Ratio Lower Upper
122 100
107 121.4 98.4 147.6
121 59.7 47.2 70.8

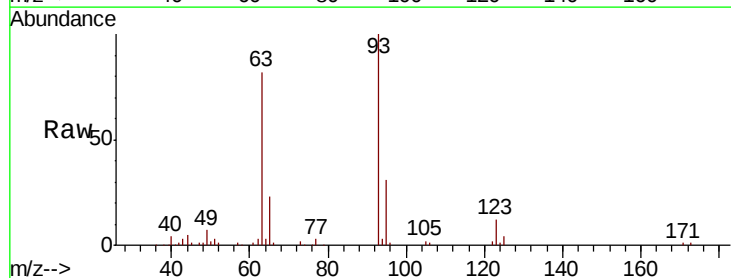


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

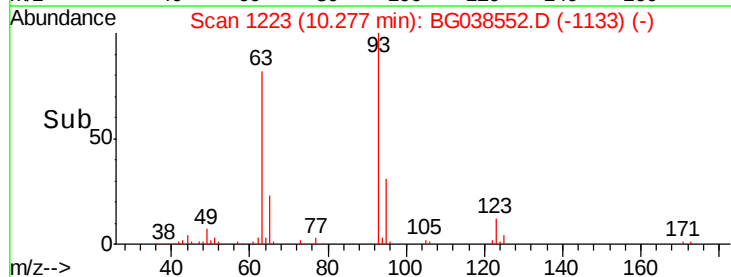
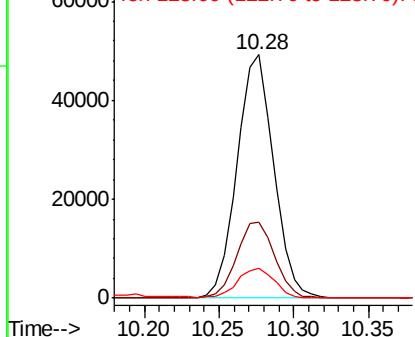


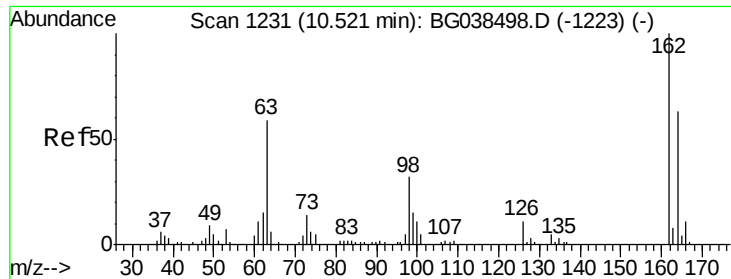
#28
bis(2-Chloroethoxy)methane
Concen: 42.914 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion: 93 Resp: 83860
Ion Ratio Lower Upper
93 100
95 31.0 26.6 40.0
123 12.3 10.6 16.0



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

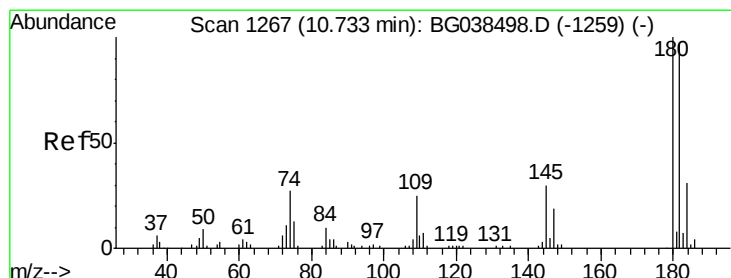
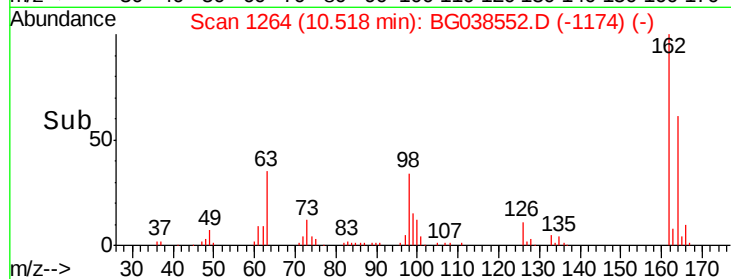
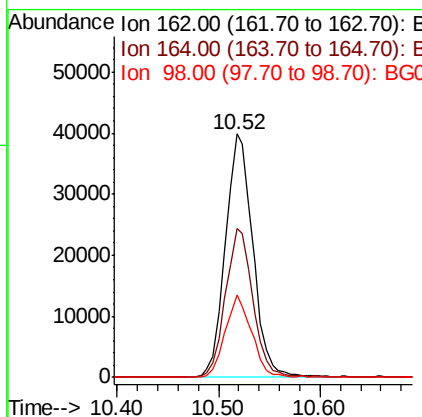
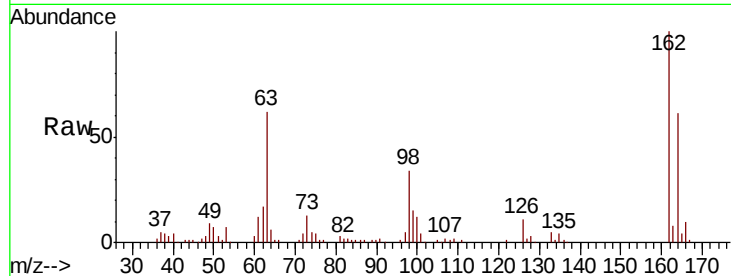




#29
 2,4-Dichlorophenol
 Concen: 46.942 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

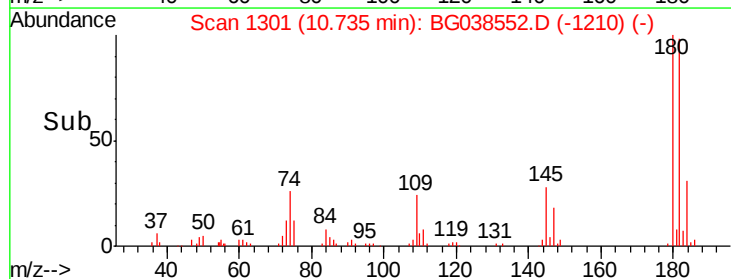
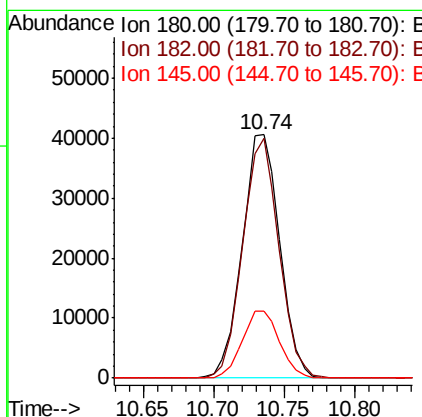
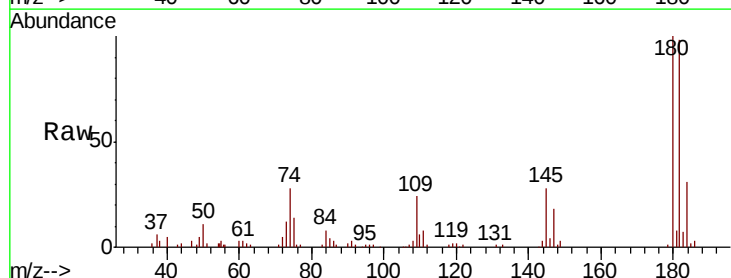
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

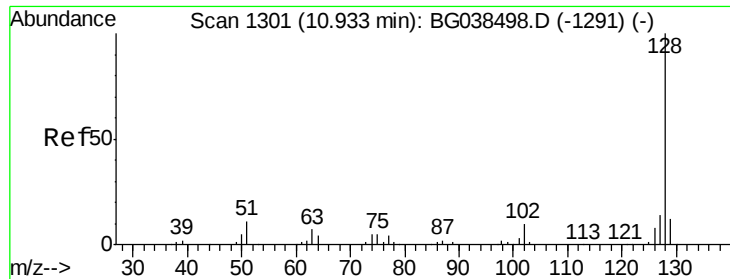
Tgt Ion:162 Resp: 74685
 Ion Ratio Lower Upper
 162 100
 164 61.1 42.9 82.9
 98 33.7 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.355 ng
 RT: 10.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion:180 Resp: 75631
 Ion Ratio Lower Upper
 180 100
 182 98.2 77.4 116.0
 145 27.6 24.1 36.1

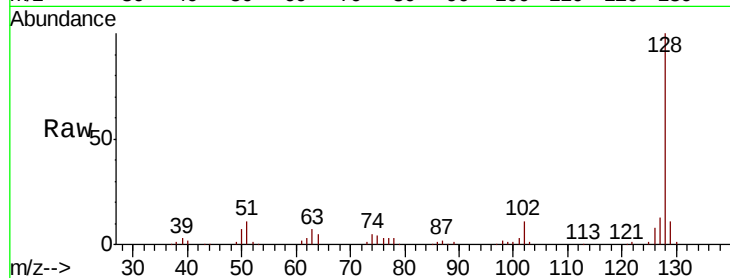




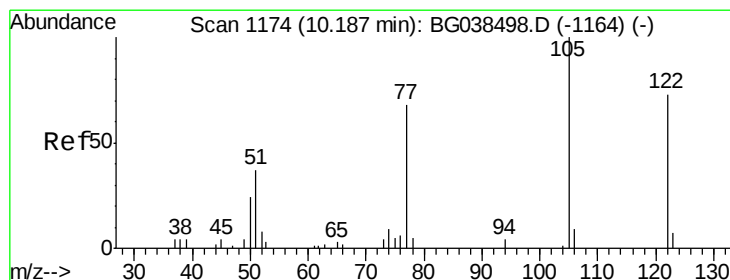
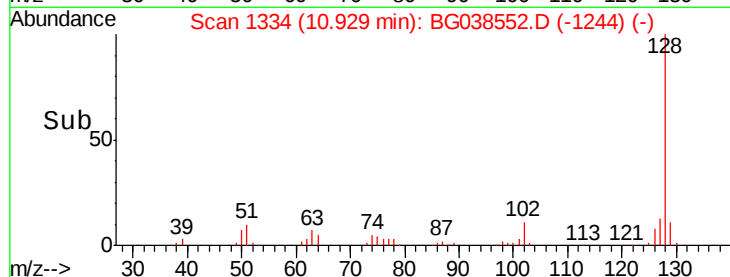
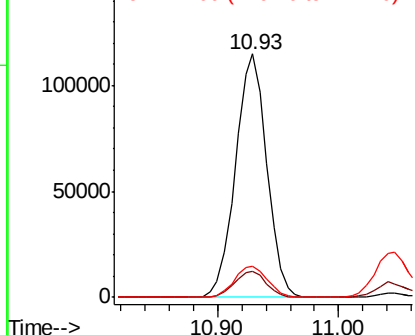
#31
Naphthalene
Concen: 42.563 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion:128 Resp: 206476
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 12.9 10.9 16.3

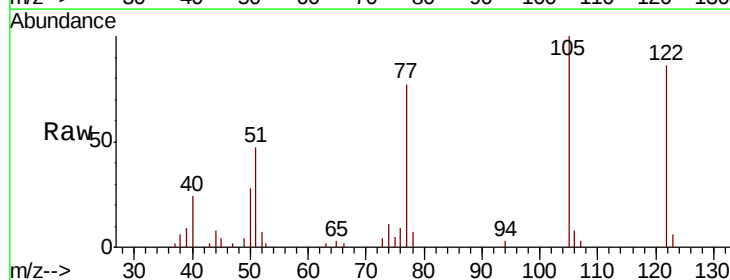


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

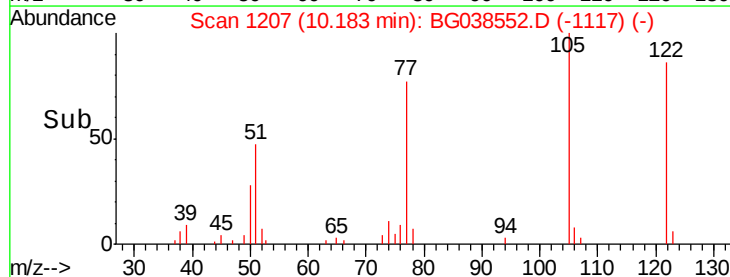
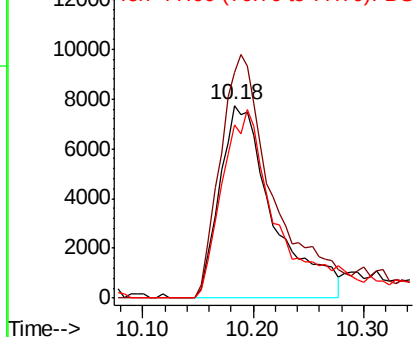


#32
Benzoic acid
Concen: 32.811 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:122 Resp: 26099
Ion Ratio Lower Upper
122 100
105 116.9 116.7 156.7
77 90.1 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

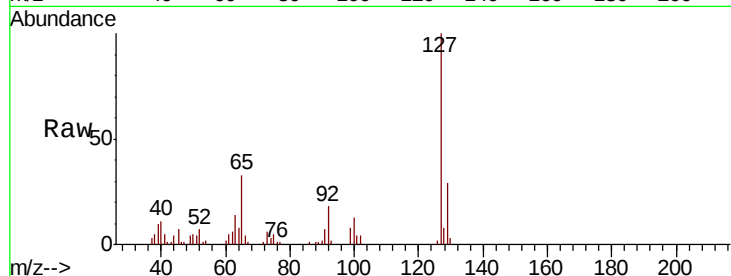




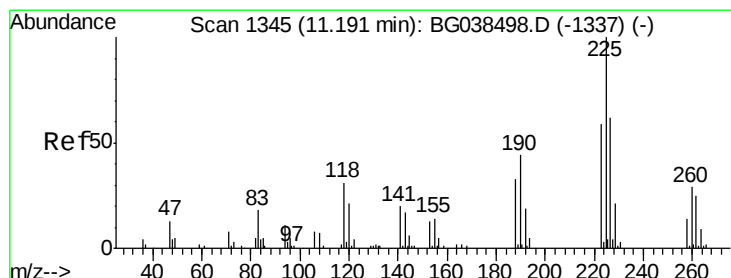
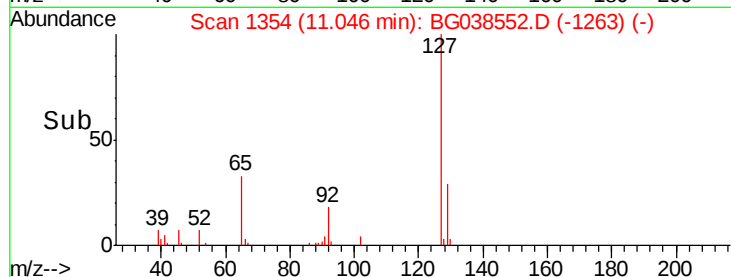
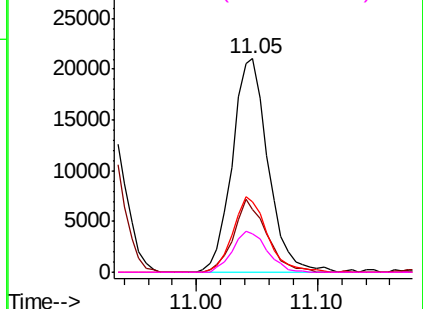
#33
4-Chloroaniline
Concen: 20.628 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion:	127	Resp:	43446
Ion	Ratio	Lower	Upper
127	100		
129	29.4	25.8	38.8
65	33.1	27.8	41.6
92	18.0	17.0	25.6

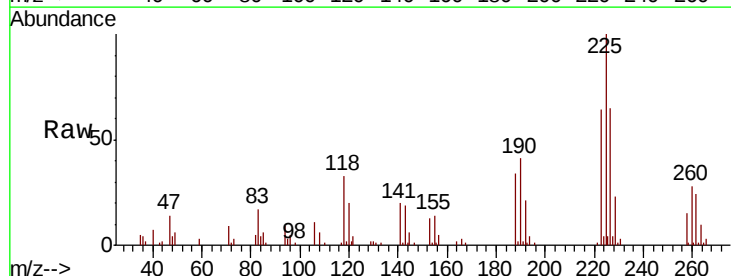


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

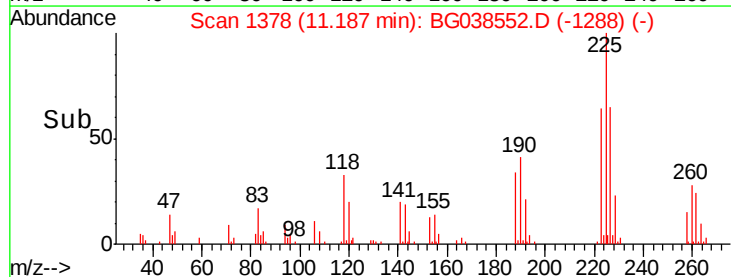
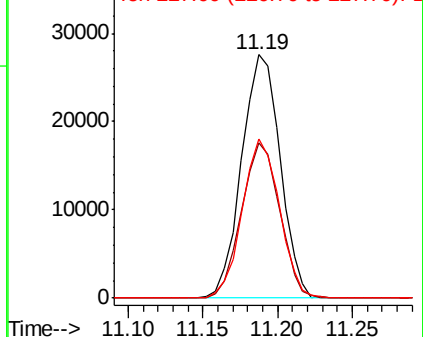


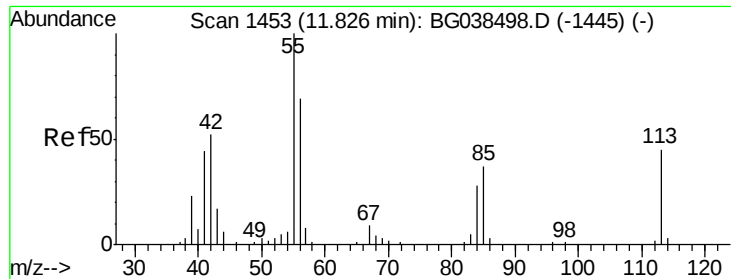
#34
Hexachlorobutadiene
Concen: 37.896 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:	225	Resp:	49278
Ion	Ratio	Lower	Upper
225	100		
223	64.6	45.0	67.6
227	65.9	50.6	75.8



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

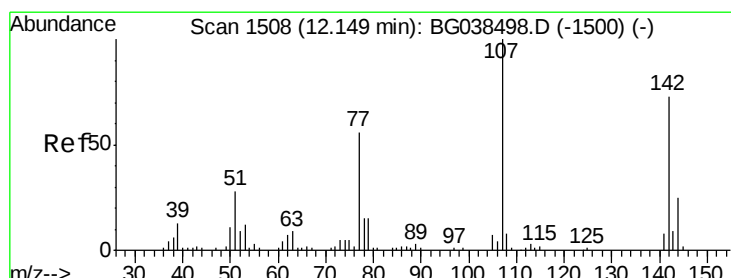
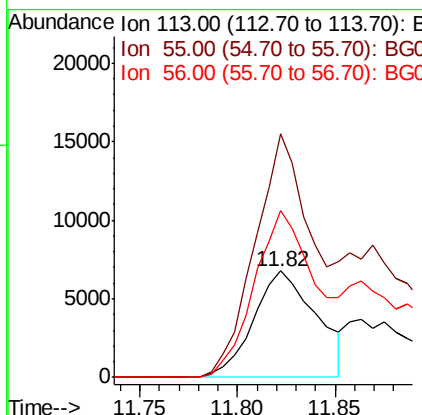
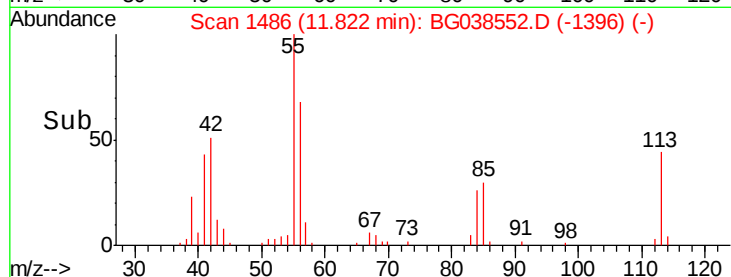
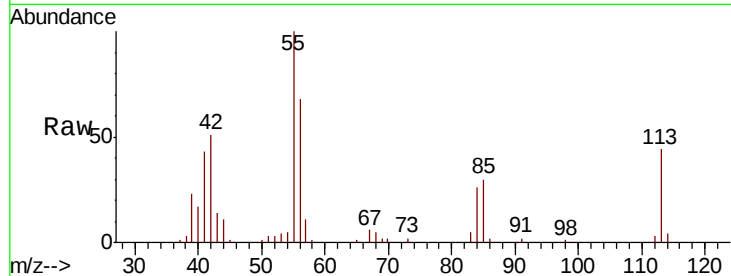




#35
 Caprolactam
 Concen: 22.902 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

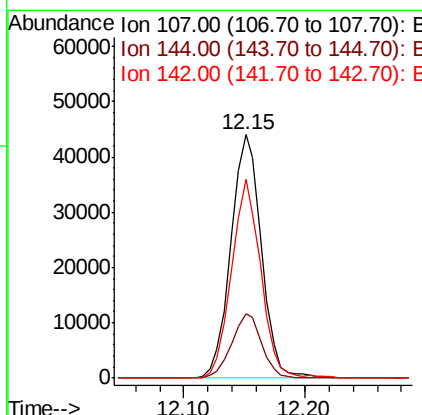
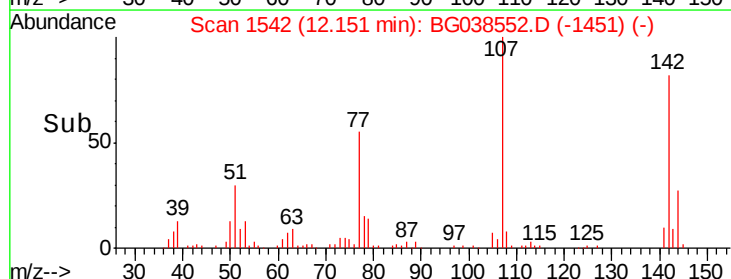
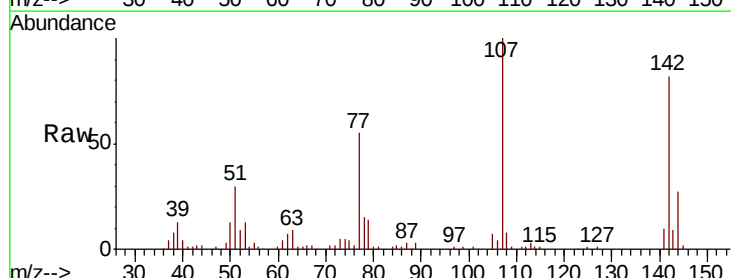
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

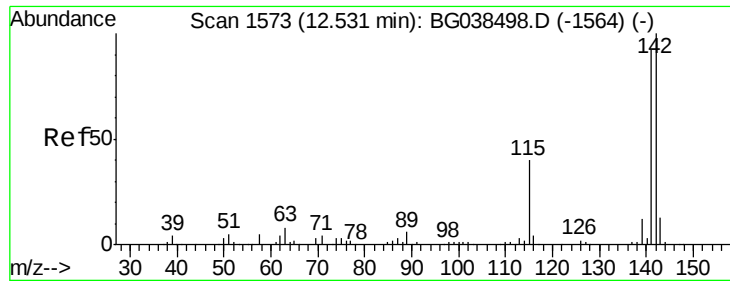
Tgt Ion:113 Resp: 15079
 Ion Ratio Lower Upper
 113 100
 55 229.4 204.3 244.3
 56 157.1 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.666 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion:107 Resp: 77463
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.1 30.1
 142 81.8 58.7 88.1

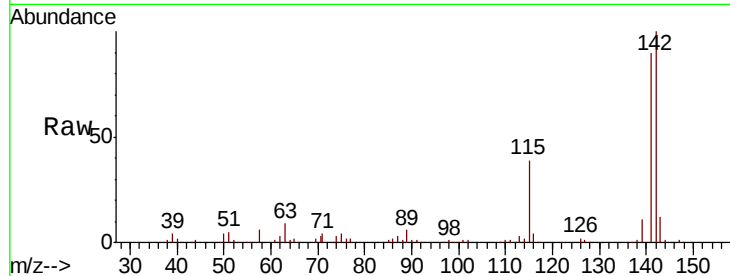




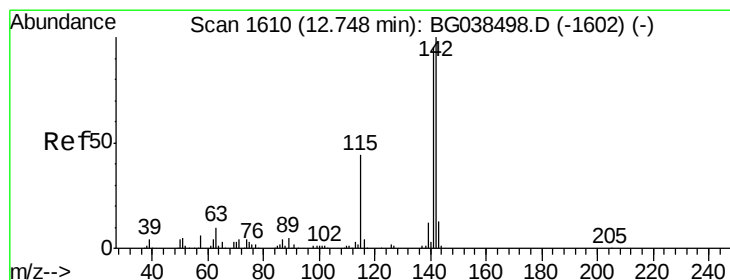
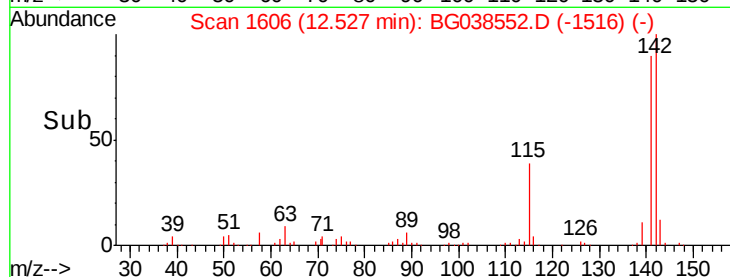
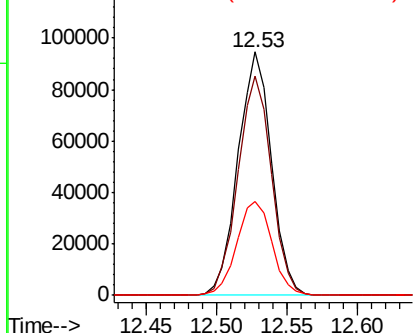
#37
2-Methylnaphthalene
Concen: 45.368 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion:142 Resp: 157012
Ion Ratio Lower Upper
142 100
141 90.1 73.5 110.3
115 38.7 31.7 47.5

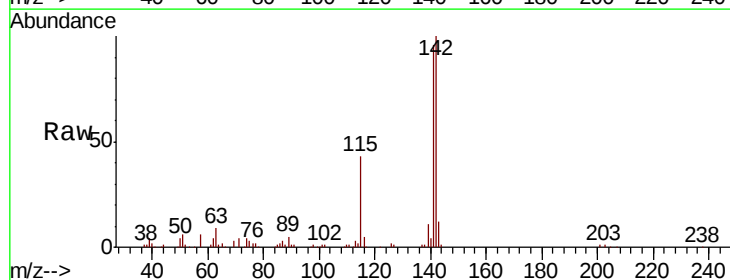


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

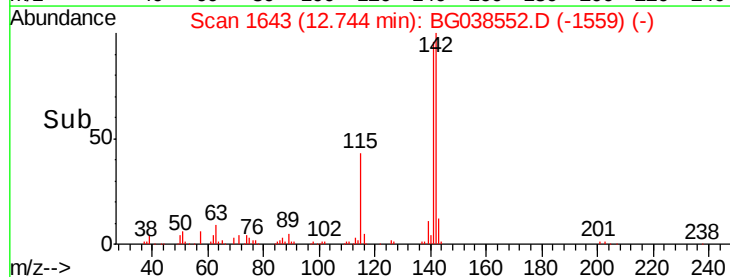
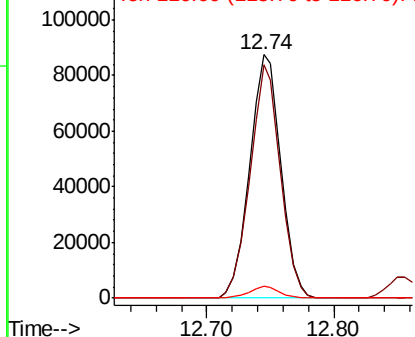


#38
1-Methylnaphthalene
Concen: 44.412 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:142 Resp: 149150
Ion Ratio Lower Upper
142 100
141 96.1 75.8 113.8
116 5.0 3.6 5.4



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: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

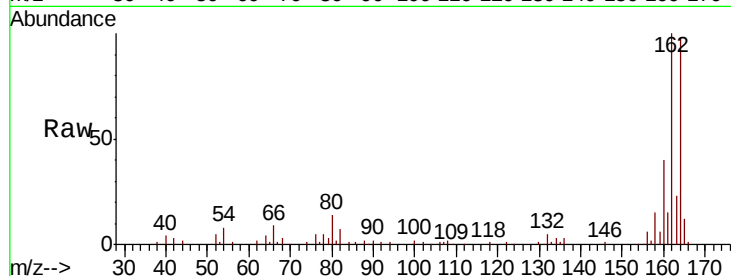
Tgt Ion:164 Resp: 66605

Ion Ratio Lower Upper

164 100

162 102.4 86.6 130.0

160 41.1 34.2 51.2

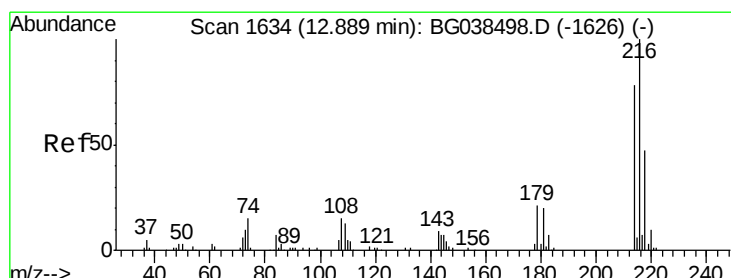
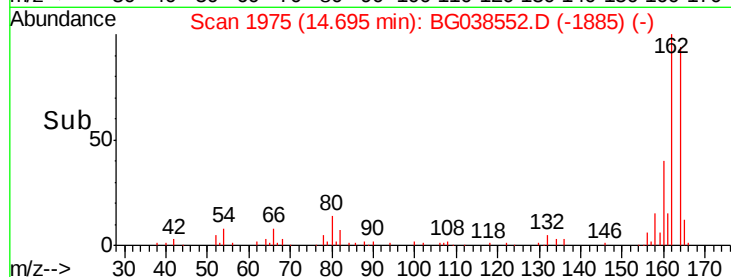
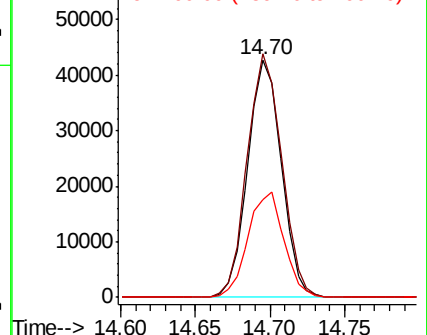


Abundance

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: 36.829 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:216 Resp: 91692

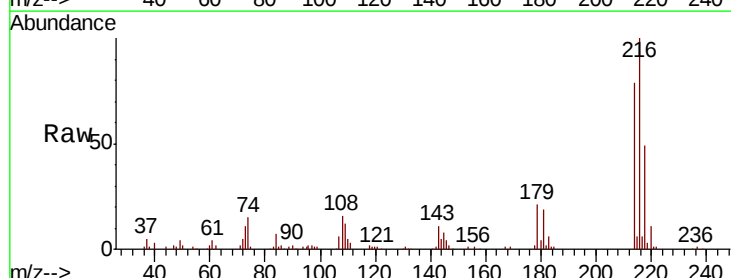
Ion Ratio Lower Upper

216 100

214 80.6 64.1 96.1

179 20.6 16.4 24.6

108 18.9 13.9 20.9



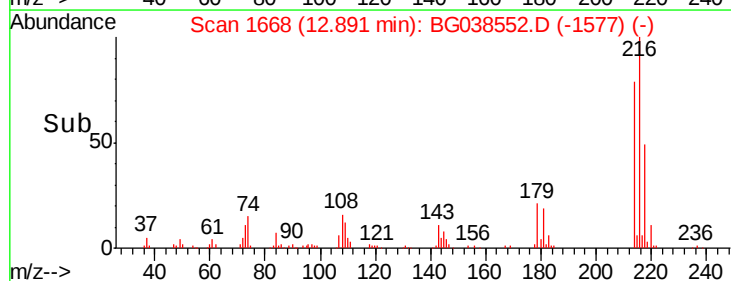
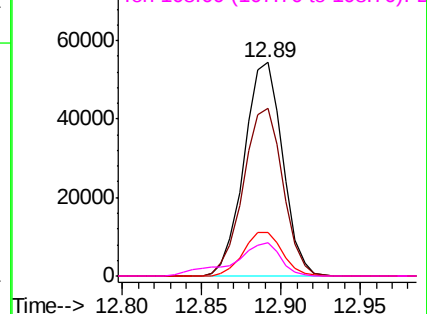
Abundance

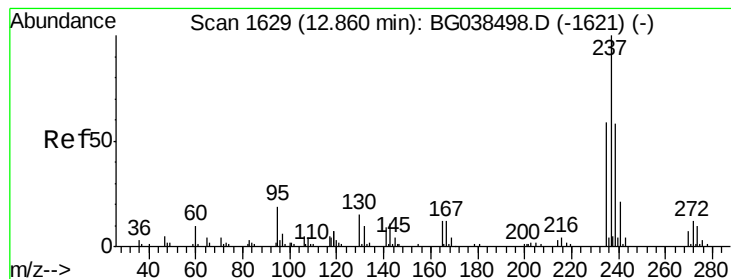
Ion 216.00 (215.70 to 216.70): E

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: 85.678 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

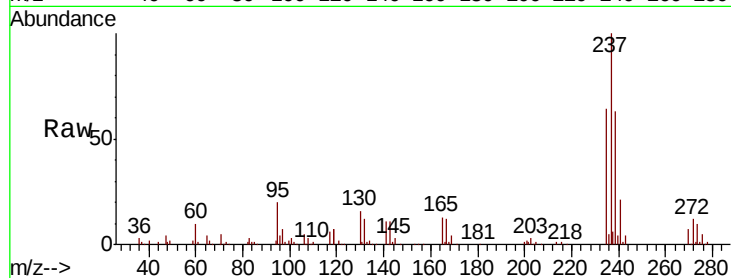
Tgt Ion: 237 Resp: 117191

Ion Ratio Lower Upper

237 100

235 64.2 38.8 78.8

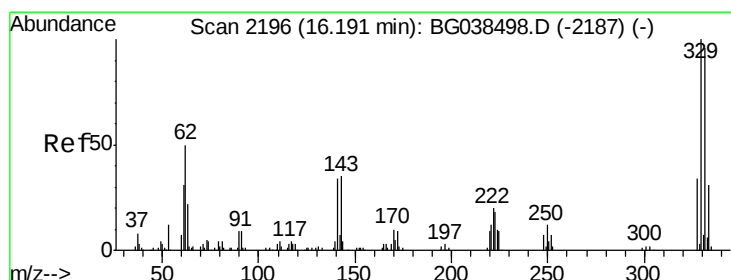
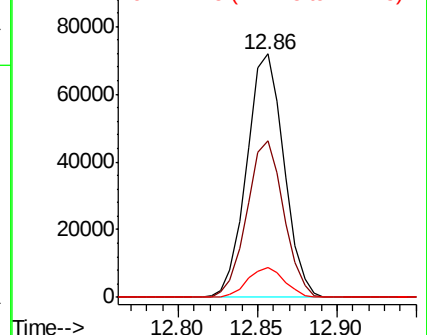
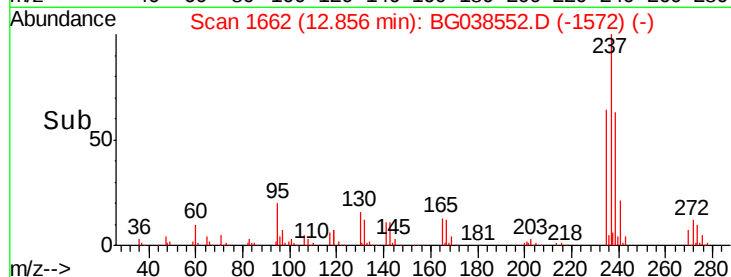
272 12.3 0.0 32.0



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: 128.400 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

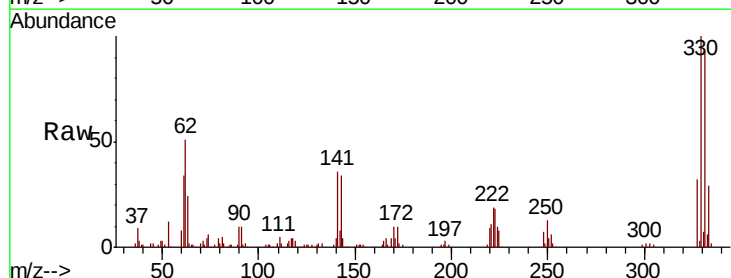
Tgt Ion: 330 Resp: 117863

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

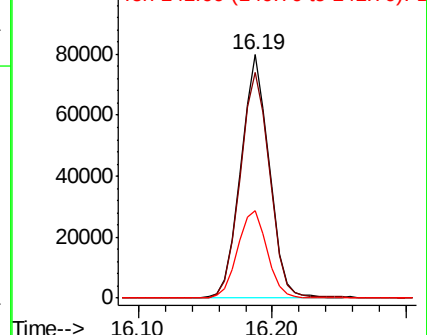
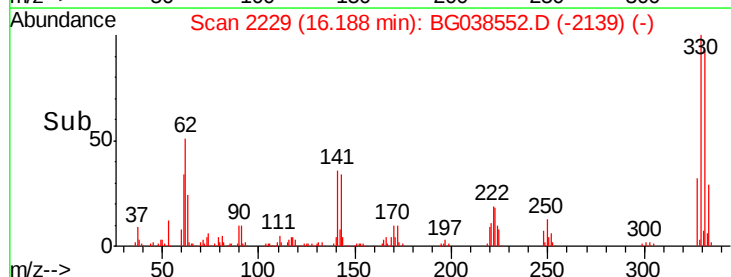
141 37.4 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

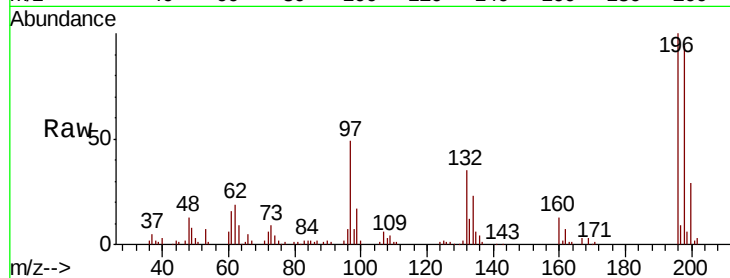




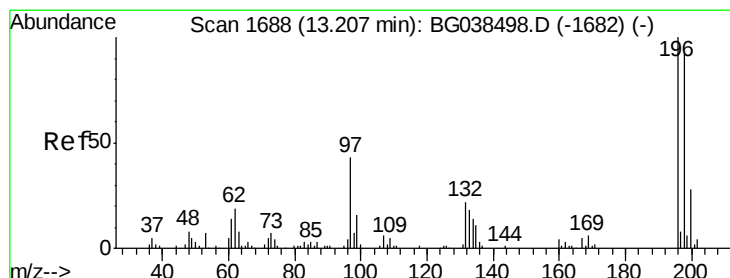
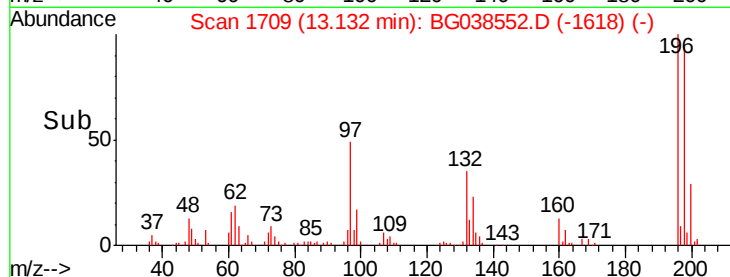
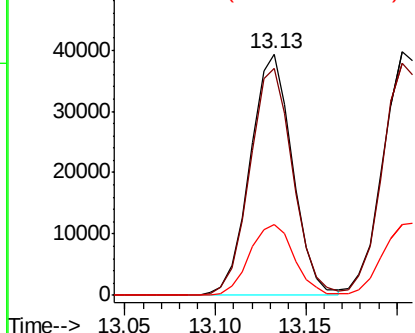
#43
 2,4,6-Trichlorophenol
 Concen: 41.666 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleID :
 PB115587BS

Tgt Ion:196 Resp: 63782
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.0 112.4
 200 29.1 22.4 33.6



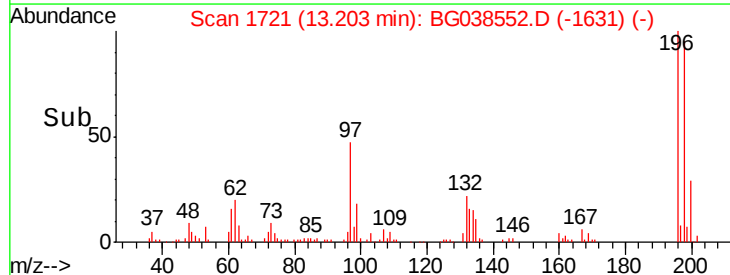
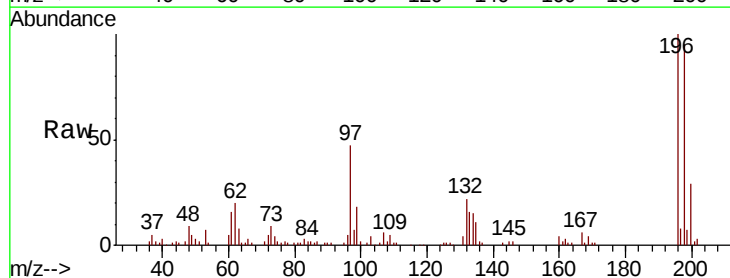
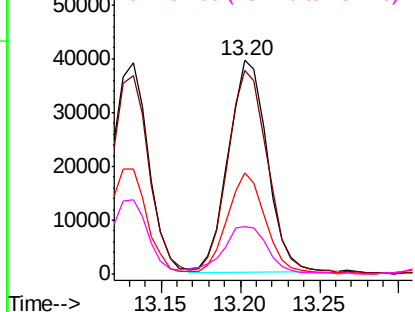
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

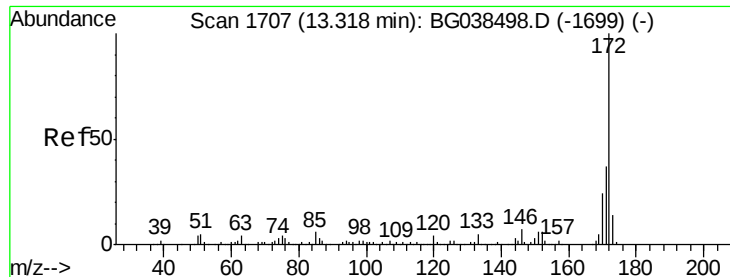


#44
 2,4,5-Trichlorophenol
 Concen: 41.598 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion:196 Resp: 67421
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.0 111.0
 97 47.2 35.1 52.7
 132 21.9 18.0 27.0

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

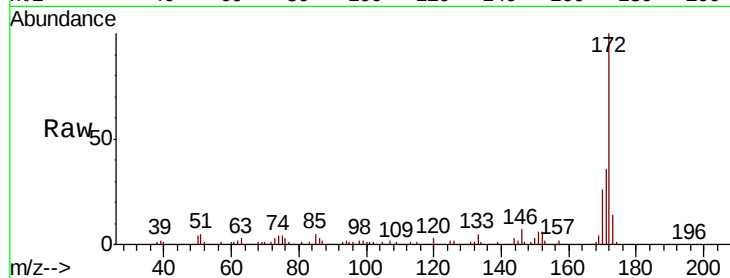




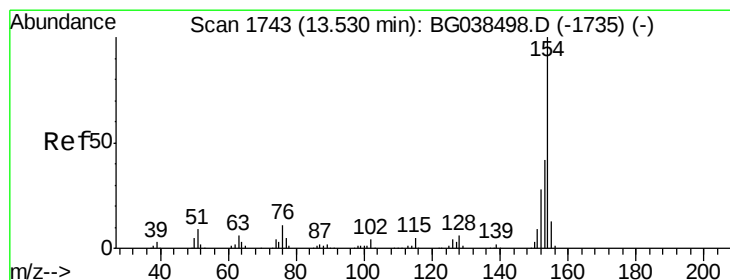
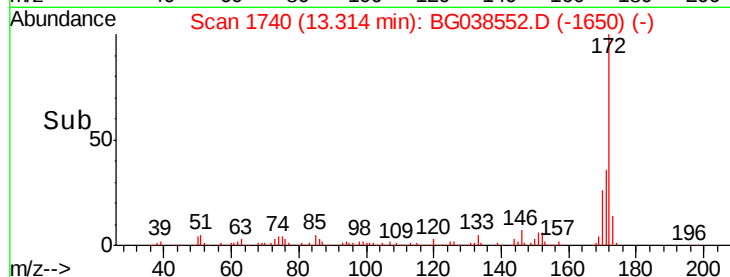
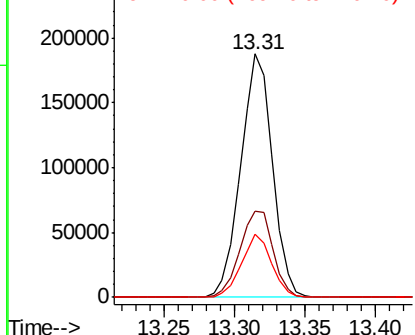
#45
 2-Fluorobiphenyl
 Concen: 60.652 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tgt Ion:172 Resp: 294474
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.8 44.6
 170 25.8 19.5 29.3

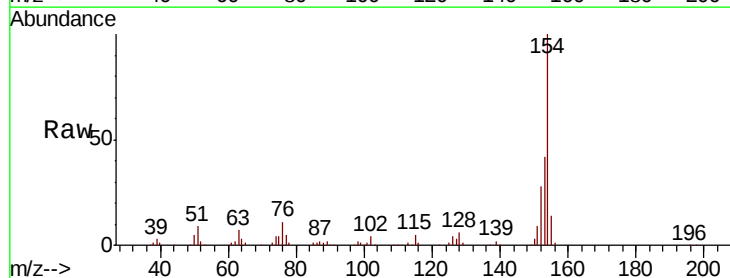


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

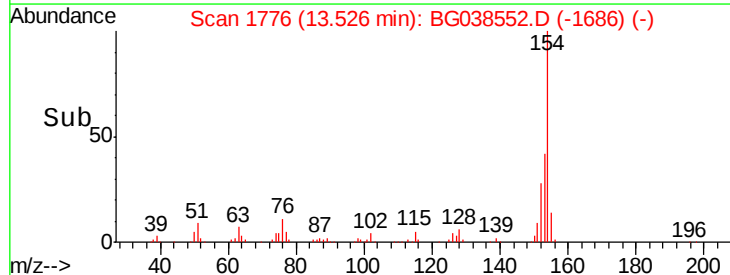
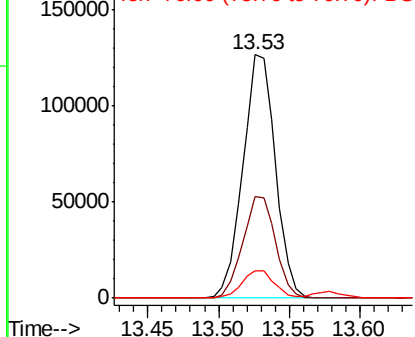


#46
 1,1'-Biphenyl
 Concen: 36.560 ng
 RT: 13.53 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion:154 Resp: 204139
 Ion Ratio Lower Upper
 154 100
 153 41.8 22.1 62.1
 76 11.4 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

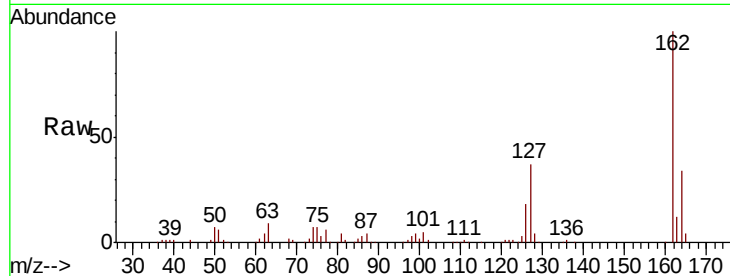




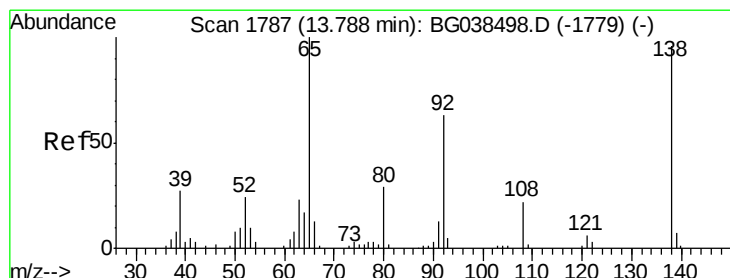
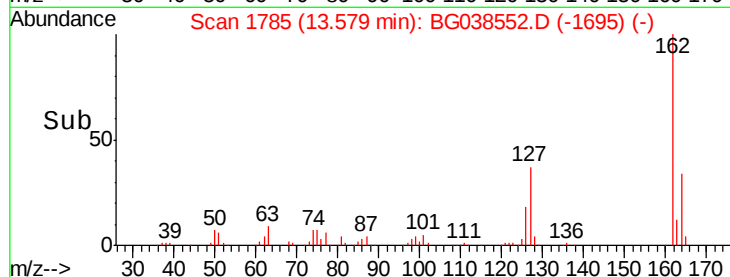
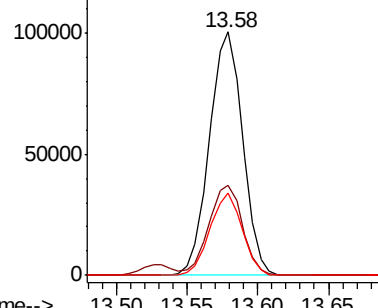
#47
 2-Chloronaphthalene
 Concen: 38.389 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	27.8	41.8
164	34.0	26.9	40.3

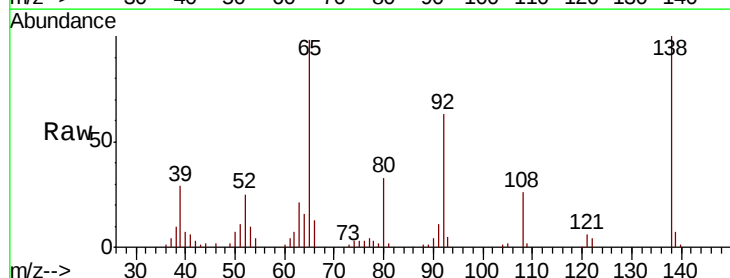


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

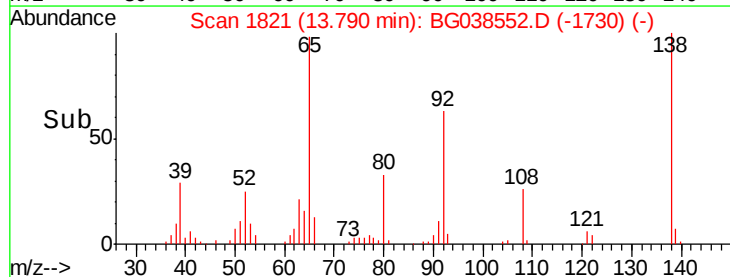
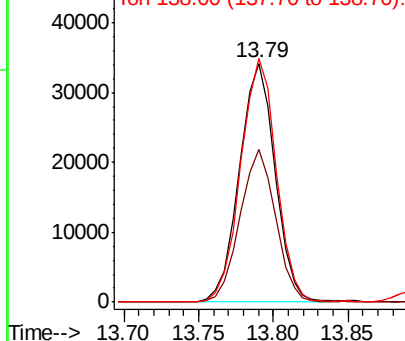


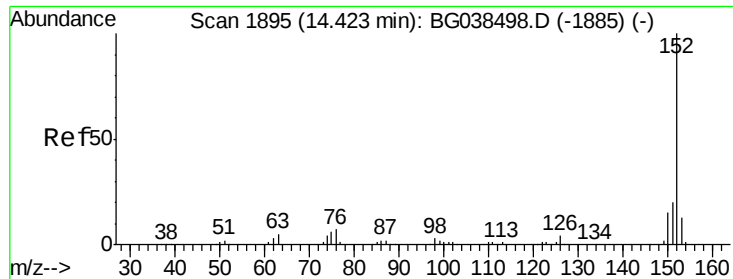
#48
 2-Nitroaniline
 Concen: 41.223 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	50.0	75.0
138	102.0	76.9	115.3



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: 41.962 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

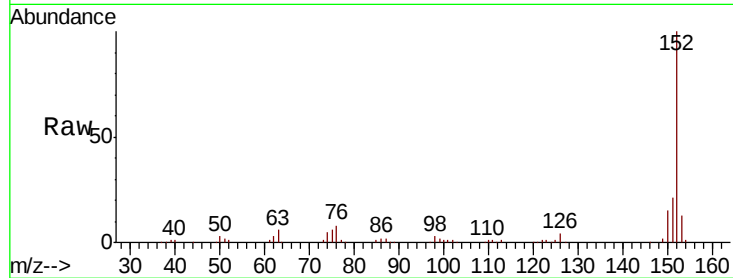
Tgt Ion:152 Resp: 270566

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

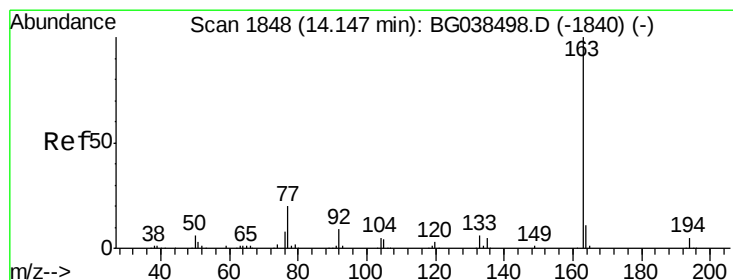
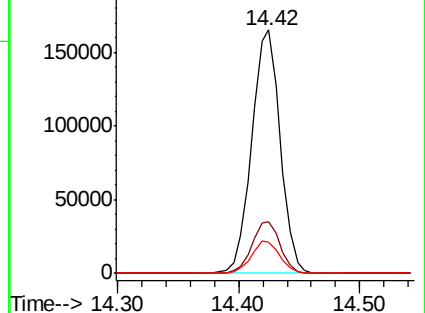
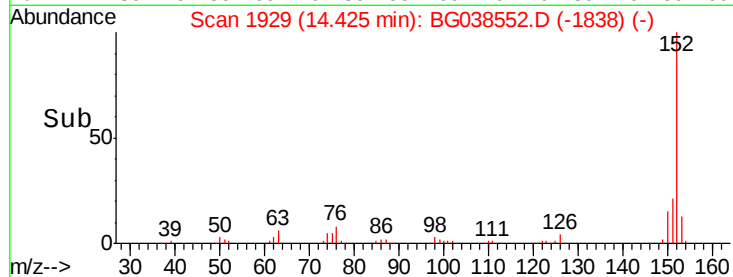
153 13.0 10.4 15.6



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: 41.057 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

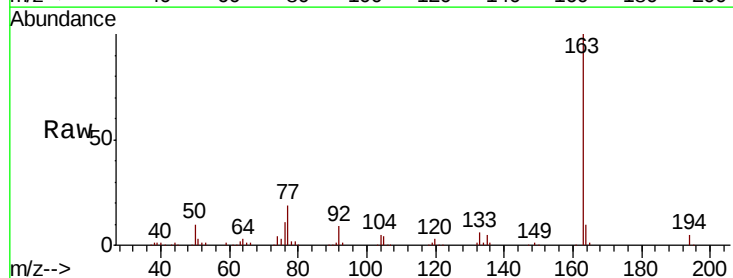
Tgt Ion:163 Resp: 223317

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

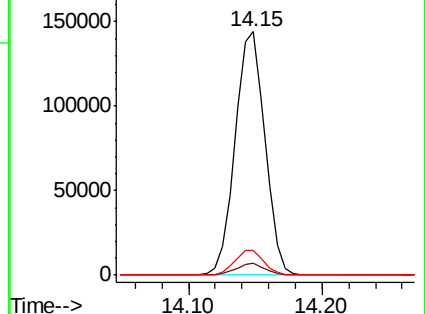
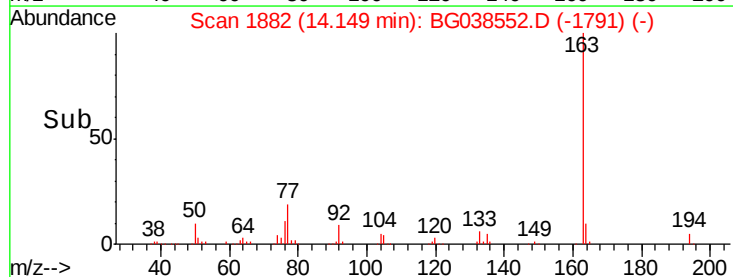
164 10.2 8.6 12.8

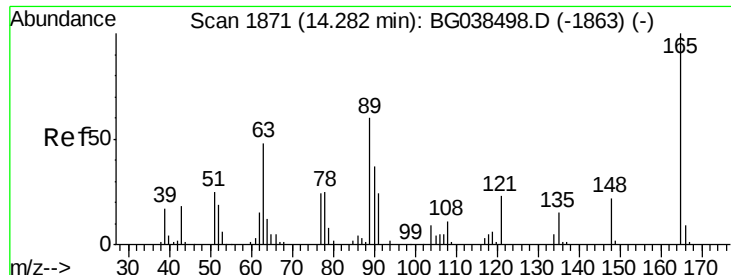


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

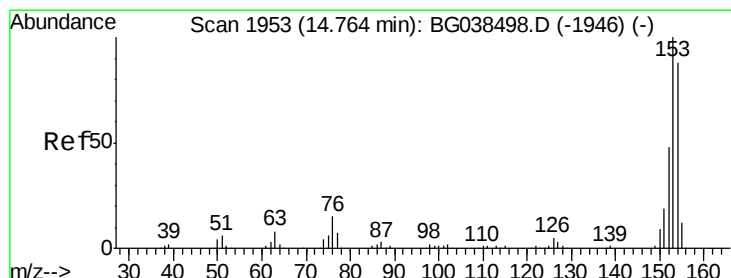
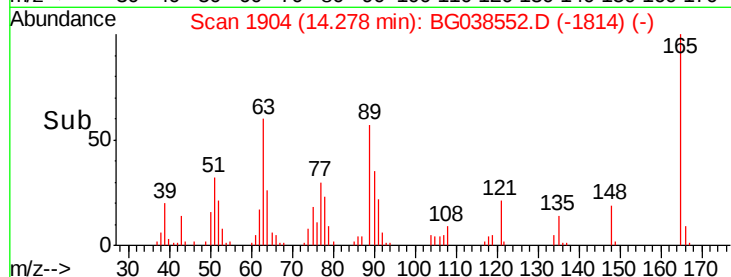
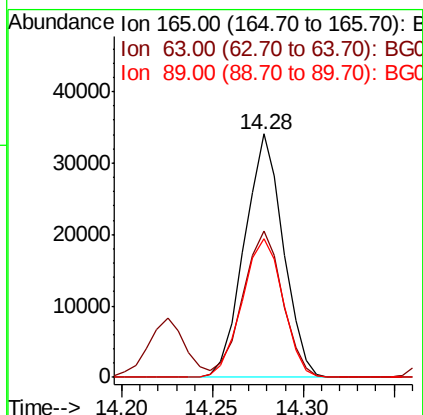
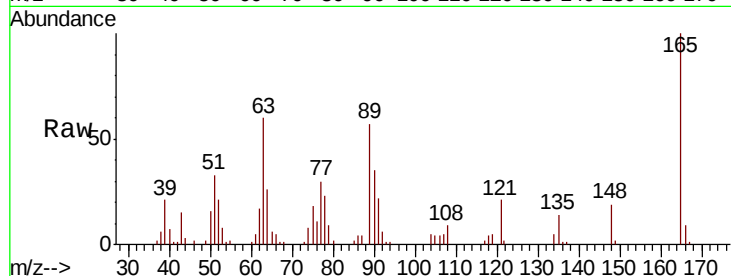




#51
 2,6-Dinitrotoluene
 Concen: 41.057 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

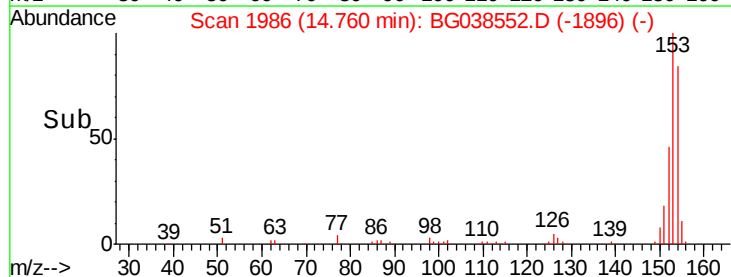
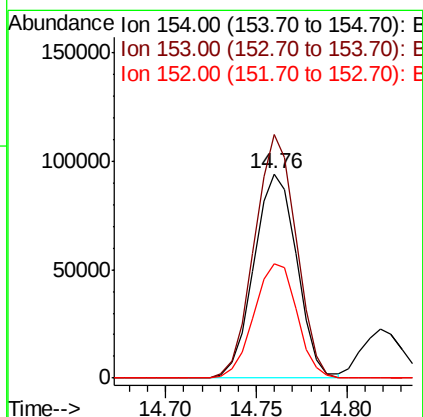
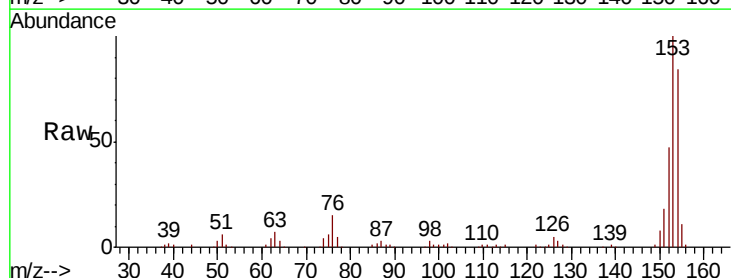
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tgt Ion:165 Resp: 50608
 Ion Ratio Lower Upper
 165 100
 63 60.2 51.8 77.6
 89 57.2 47.9 71.9



#52
 Acenaphthene
 Concen: 40.174 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion:154 Resp: 154896
 Ion Ratio Lower Upper
 154 100
 153 119.2 90.6 136.0
 152 56.1 43.5 65.3

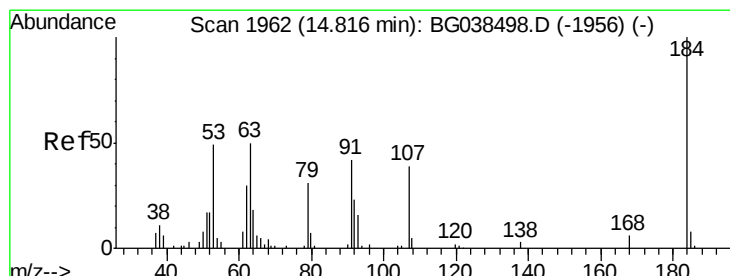
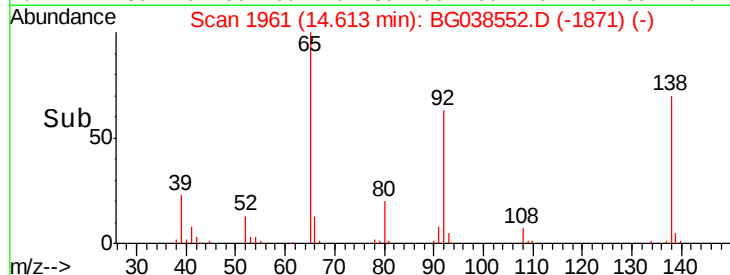
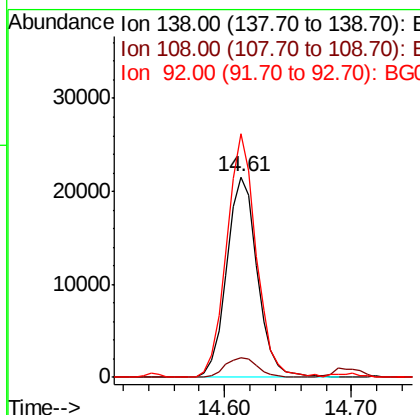
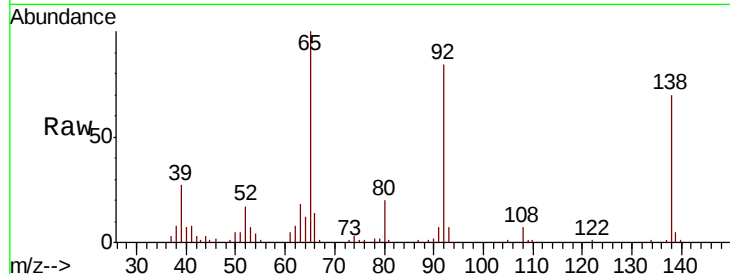




#53
3-Nitroaniline
Concen: 28.570 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

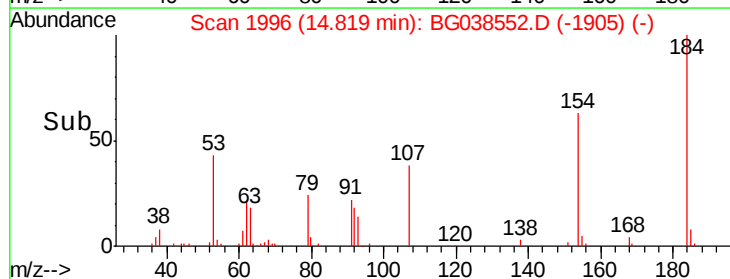
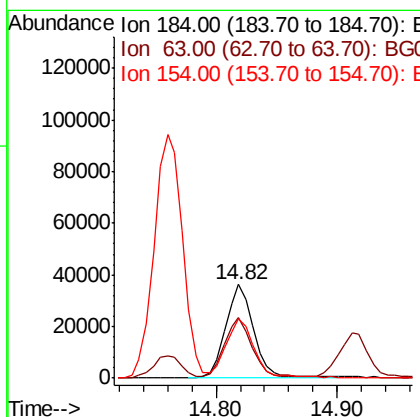
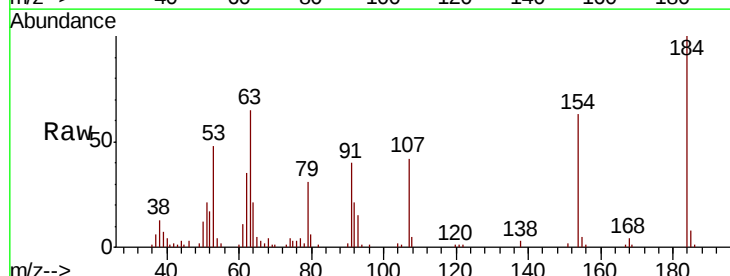
Instrument :
BNA_G
ClientSampleId :
PB115587BS

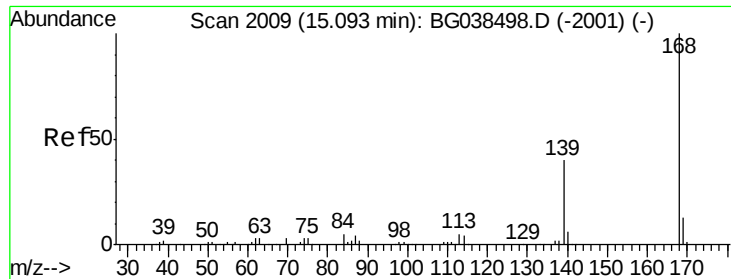
Tgt Ion:138 Resp: 35898
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 121.4 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 80.215 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:184 Resp: 58841
Ion Ratio Lower Upper
184 100
63 65.1 47.0 70.6
154 62.8 50.3 75.5

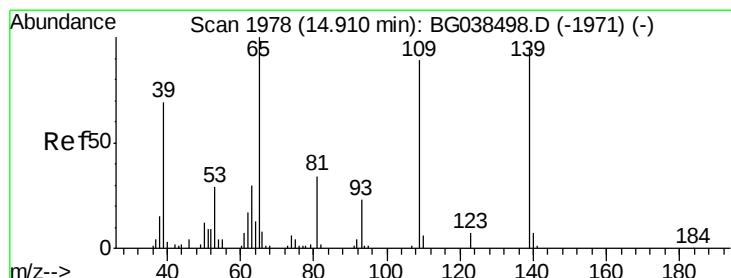
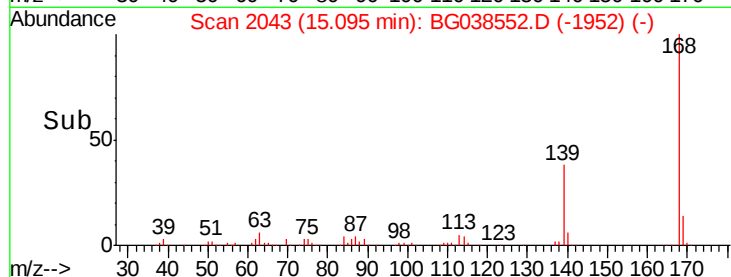
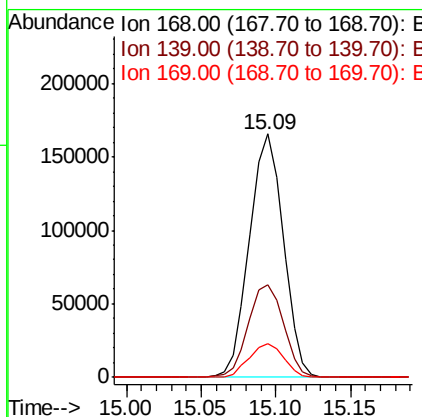
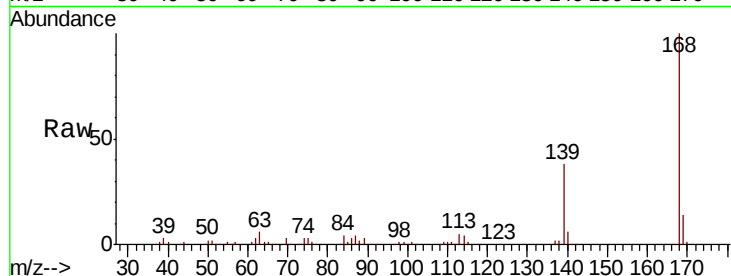




#55
Dibenzenofuran
Concen: 39.519 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

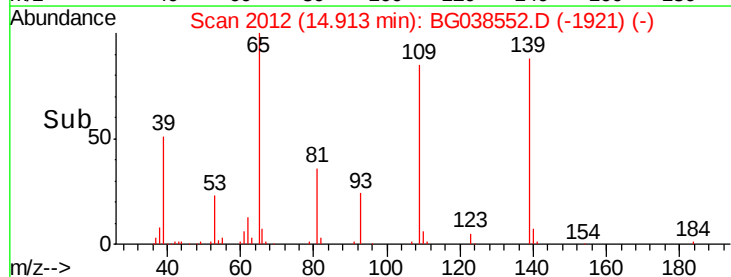
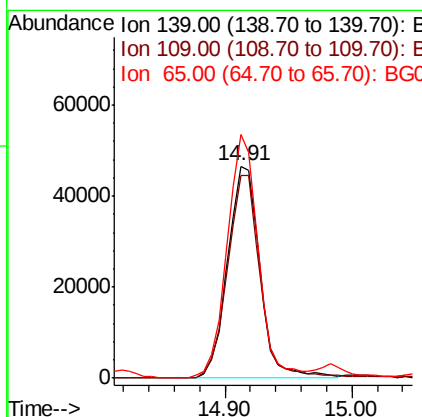
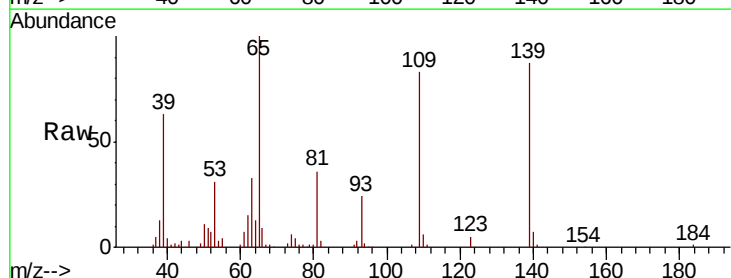
Instrument :
BNA_G
ClientSampleId :
PB115587BS

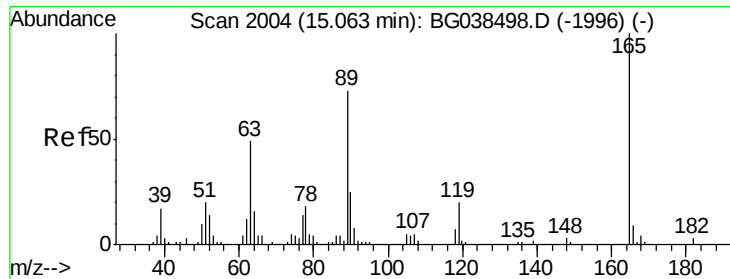
Tgt Ion:168 Resp: 261185
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 86.028 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:139 Resp: 82003
Ion Ratio Lower Upper
139 100
109 95.6 73.6 113.6
65 114.8 84.8 124.8

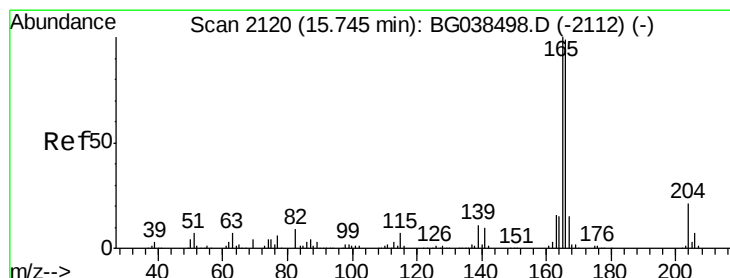
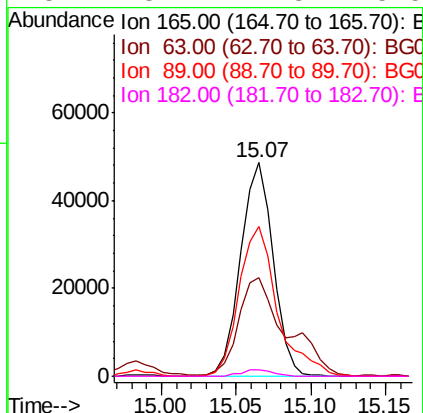
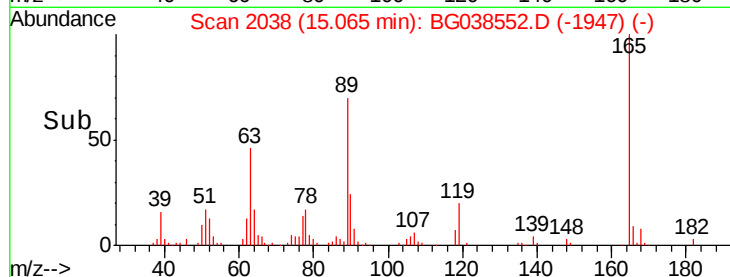
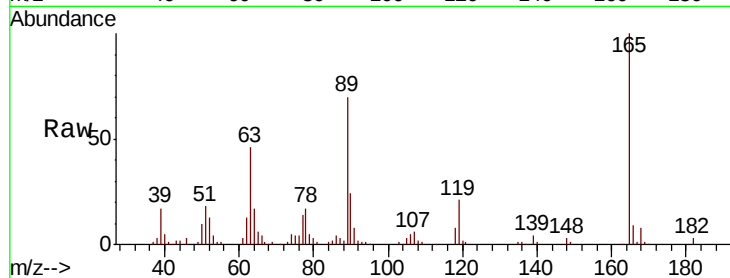




#57
2,4-Dinitrotoluene
Concen: 42.395 ng
RT: 15.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

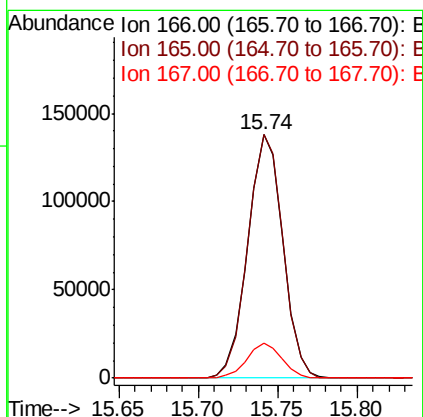
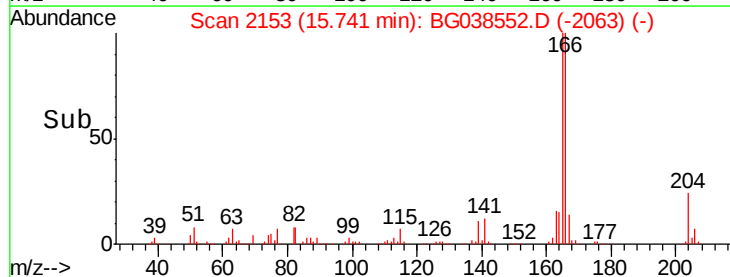
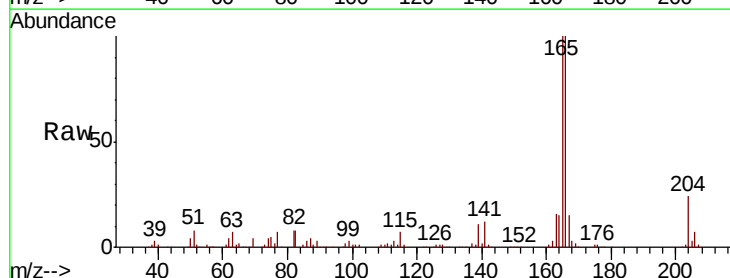
Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion:165 Resp: 73601
Ion Ratio Lower Upper
165 100
63 46.0 39.0 58.4
89 70.0 58.0 87.0
182 3.2 2.3 3.5



#58
Fluorene
Concen: 43.413 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:166 Resp: 212575
Ion Ratio Lower Upper
166 100
165 99.9 80.6 120.8
167 14.6 12.0 18.0

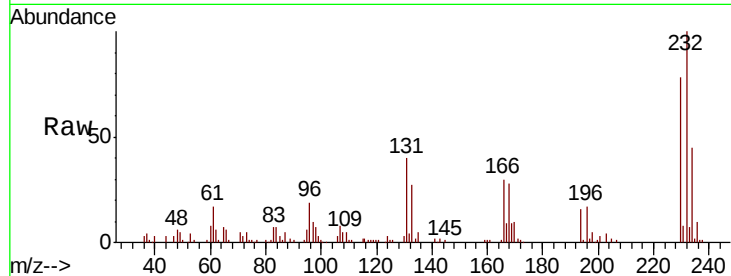




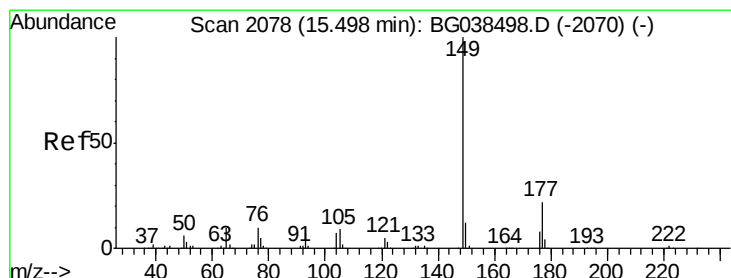
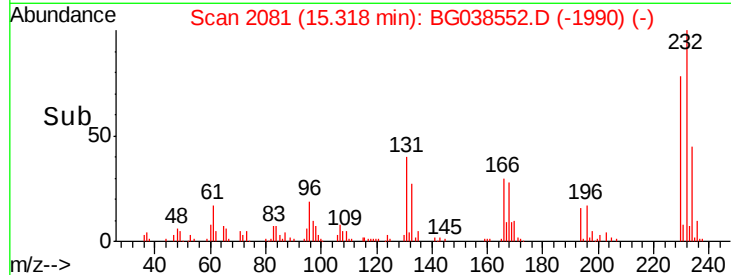
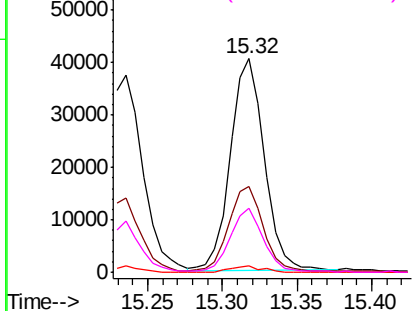
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.829 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tgt Ion: 232 Resp: 63911
 Ion Ratio Lower Upper
 232 100
 131 42.9 33.0 49.4
 130 2.6 2.0 3.0
 166 29.8 23.1 34.7

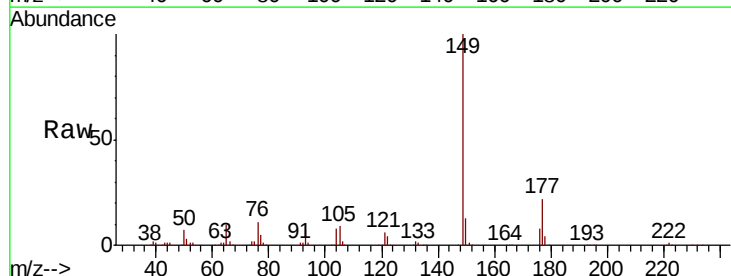


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

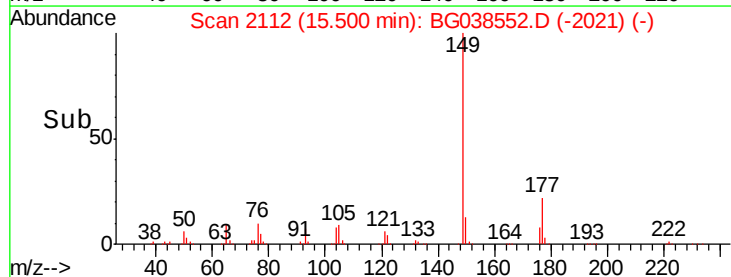
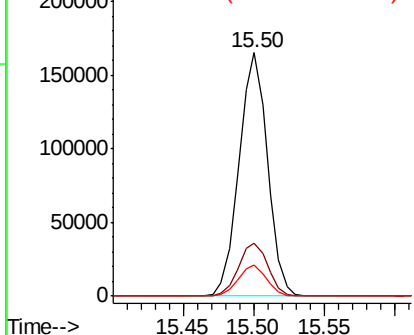


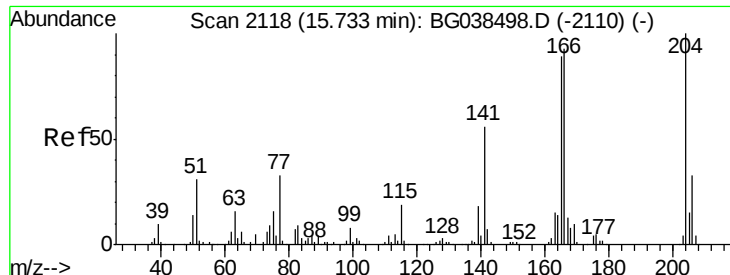
#60
 Diethylphthalate
 Concen: 39.019 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion: 149 Resp: 232985
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.7 26.5
 150 12.9 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

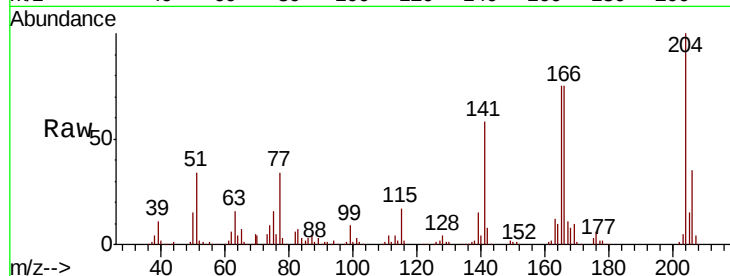




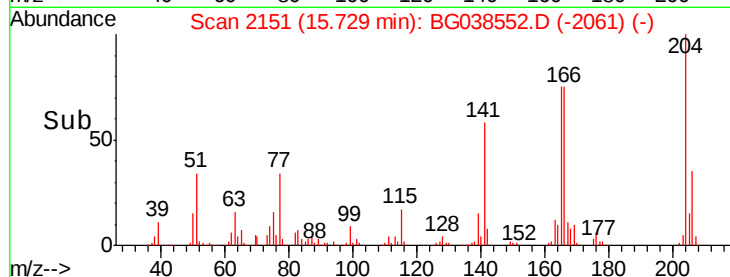
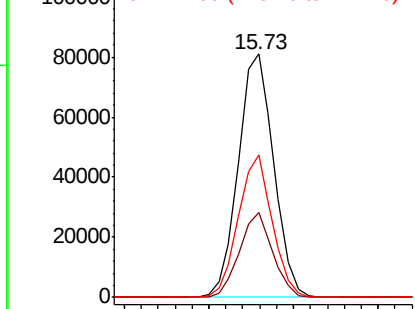
#61
4-Chlorophenyl-phenylether
Concen: 38.592 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleID :
PB115587BS

Tgt Ion:204 Resp: 117902
Ion Ratio Lower Upper
204 100
206 35.0 26.0 39.0
141 58.4 44.4 66.6

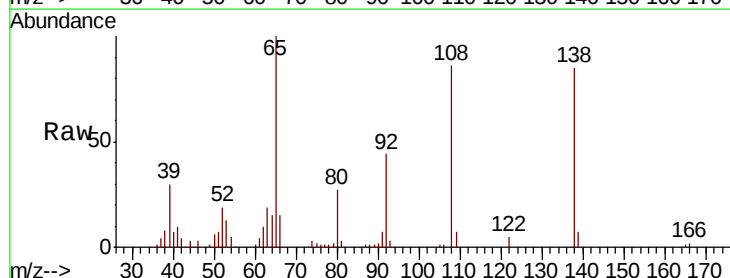


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

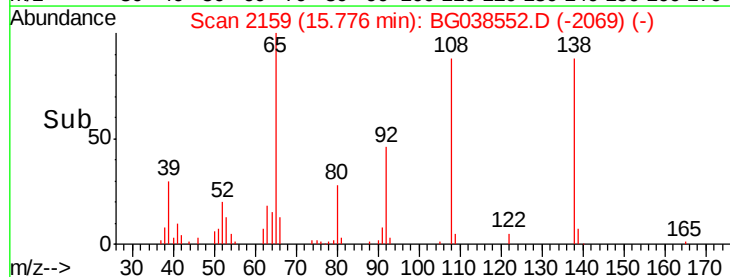
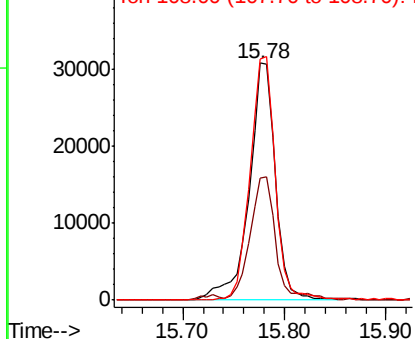


#62
4-Nitroaniline
Concen: 42.801 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:138 Resp: 55367
Ion Ratio Lower Upper
138 100
92 51.8 33.3 73.3
108 101.6 81.4 121.4



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





#63

Azobenzene

Concen: 40.733 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

Tgt Ion: 77 Resp: 203180

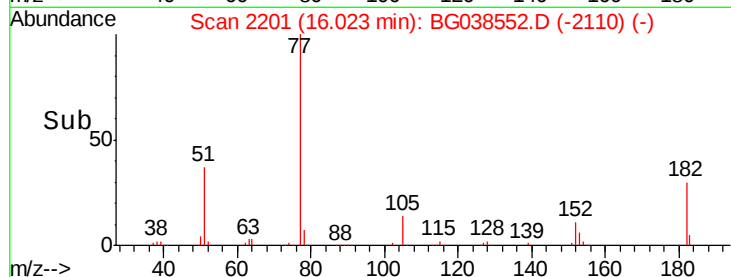
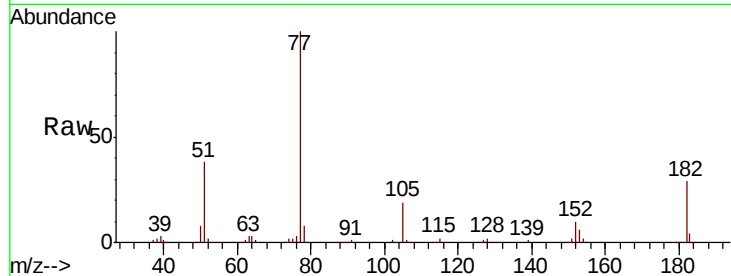
Ion Ratio Lower Upper

77 100

182 29.0 8.7 48.7

105 18.8 0.0 38.7

51 38.0 16.6 56.6

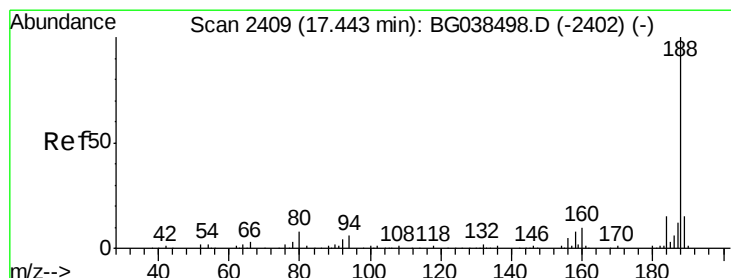
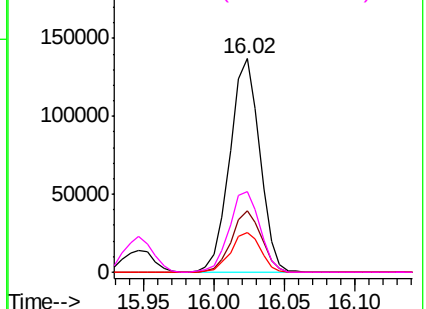


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

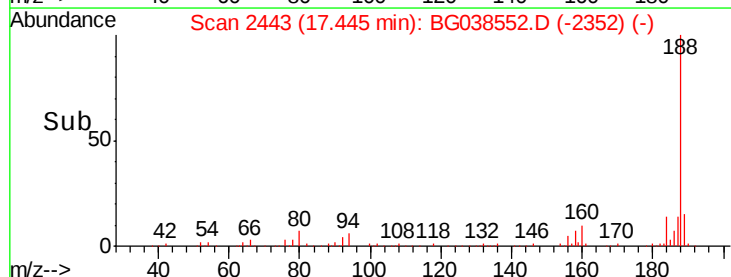
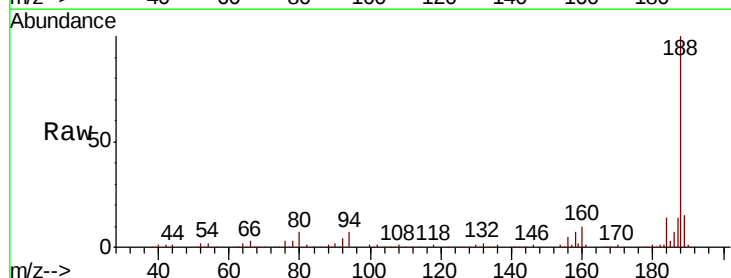
Tgt Ion: 188 Resp: 172188

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

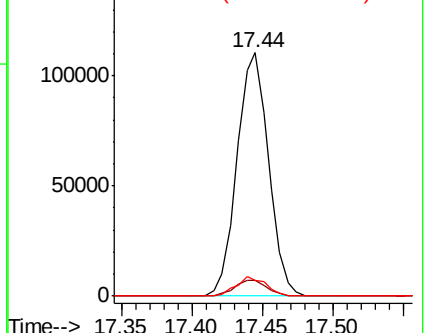
80 6.7 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

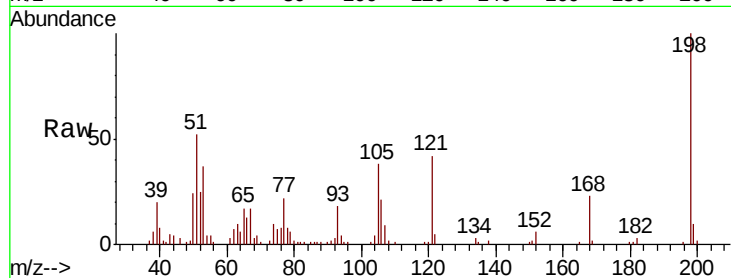




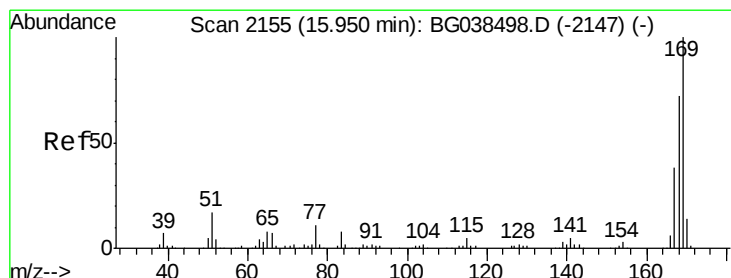
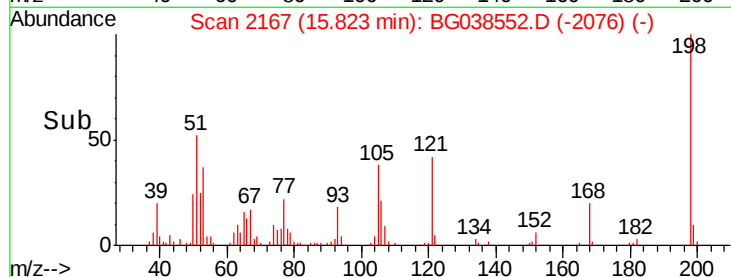
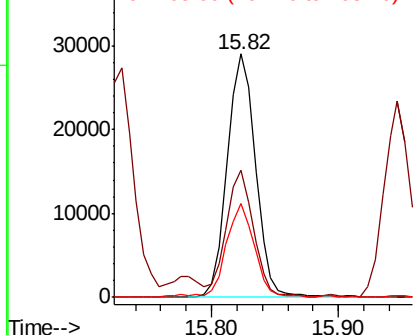
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.508 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tgt Ion:198 Resp: 44843
 Ion Ratio Lower Upper
 198 100
 51 52.3 28.6 68.6
 105 38.5 20.4 60.4

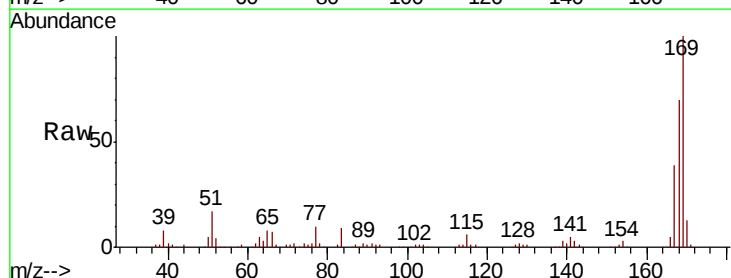


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

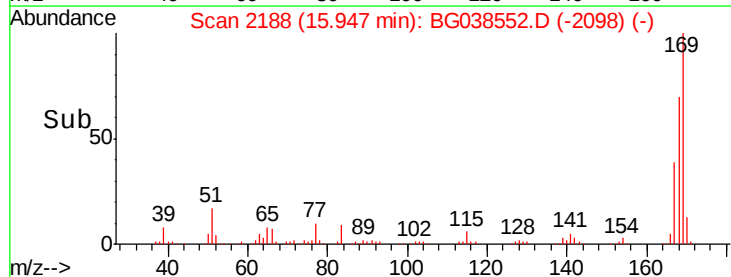
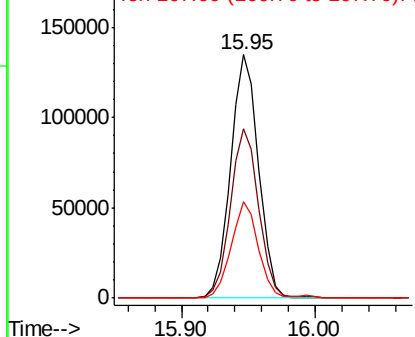


#66
 n-Nitrosodiphenylamine
 Concen: 38.769 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion:169 Resp: 196140
 Ion Ratio Lower Upper
 169 100
 168 69.6 57.5 86.3
 167 39.4 30.2 45.2



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

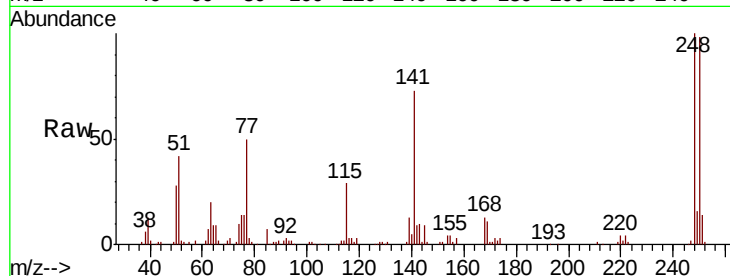




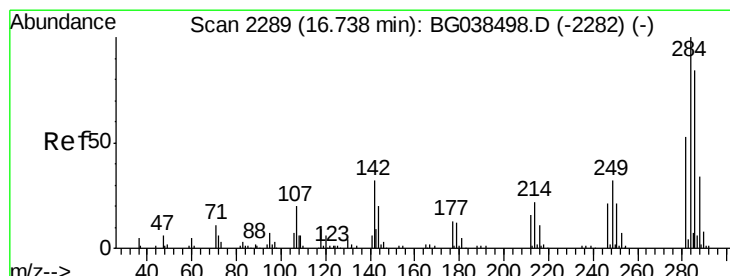
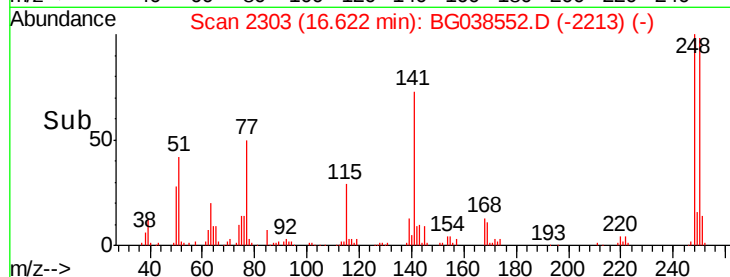
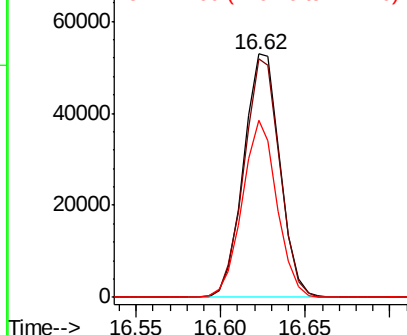
#67
 4-Bromophenyl-phenylether
 Concen: 37.394 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tgt Ion: 248 Resp: 78637
 Ion Ratio Lower Upper
 248 100
 250 97.9 73.4 110.2
 141 72.9 52.9 79.3

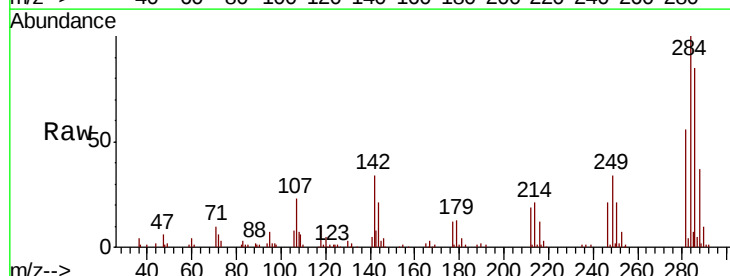


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

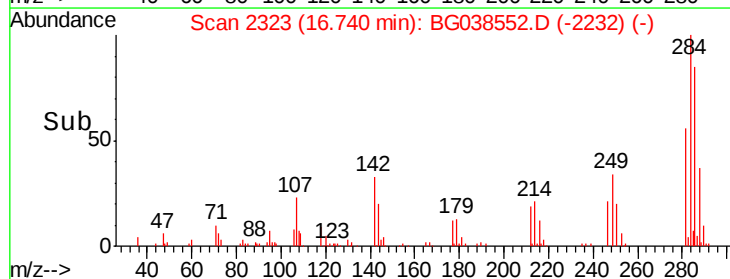
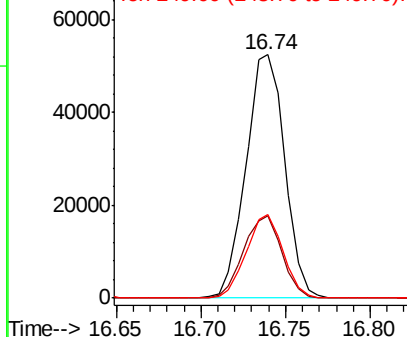


#68
 Hexachlorobenzene
 Concen: 38.203 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion: 284 Resp: 83278
 Ion Ratio Lower Upper
 284 100
 142 34.1 25.8 38.6
 249 36.7 27.0 40.4



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: 43.895 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

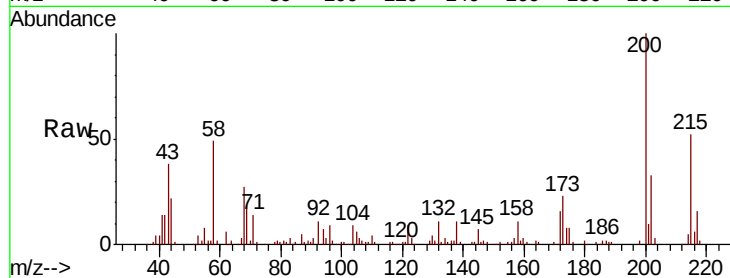
Tgt Ion:200 Resp: 82415

Ion Ratio Lower Upper

200 100

173 23.4 5.9 45.9

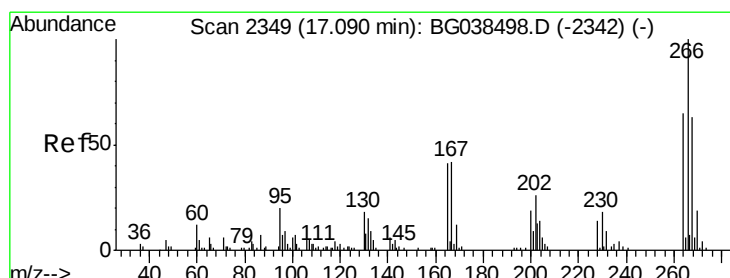
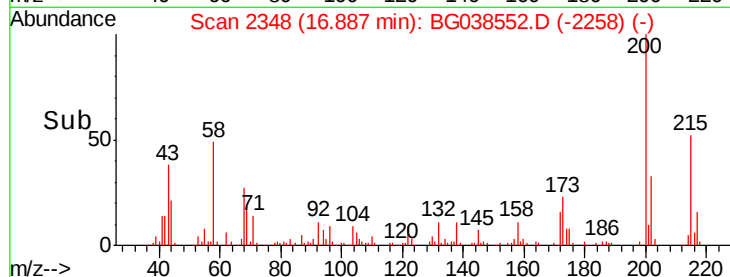
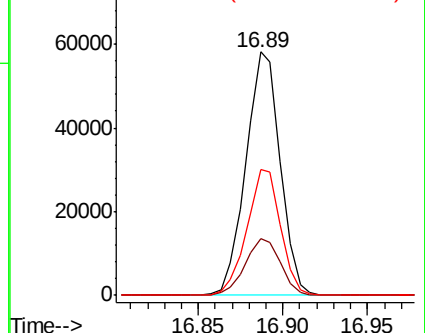
215 51.9 33.1 73.1



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: 73.323 ng

RT: 17.09 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

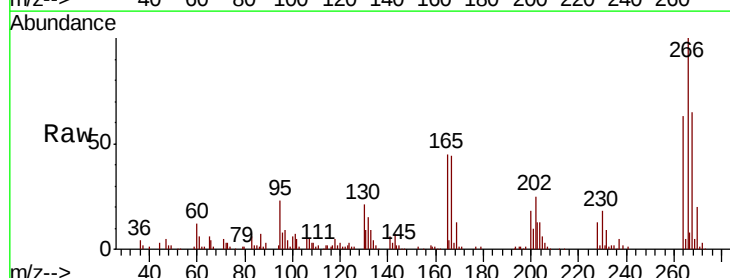
Tgt Ion:266 Resp: 94542

Ion Ratio Lower Upper

266 100

268 70.1 55.0 82.6

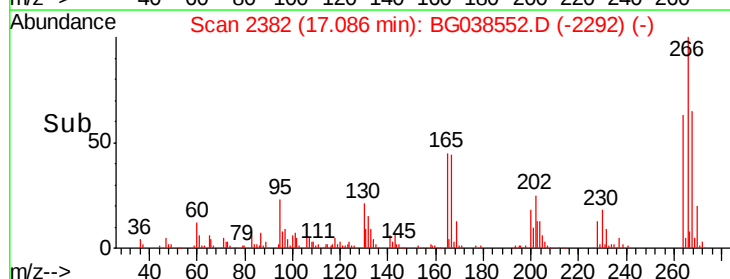
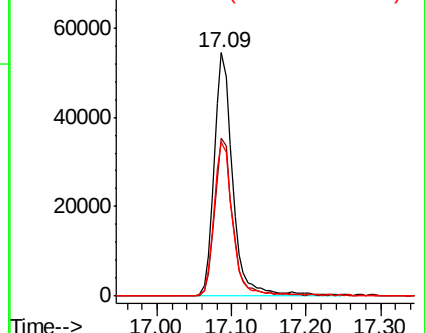
264 68.3 56.7 85.1

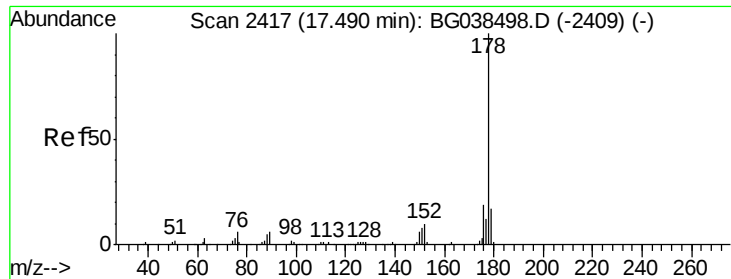


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

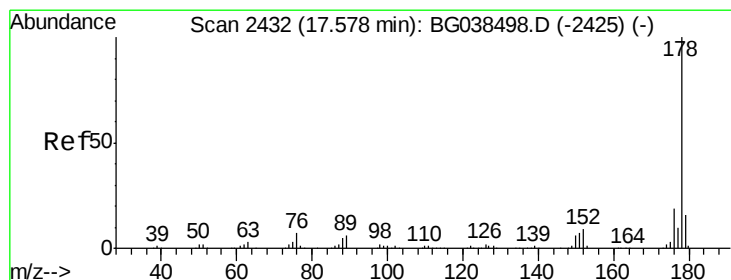
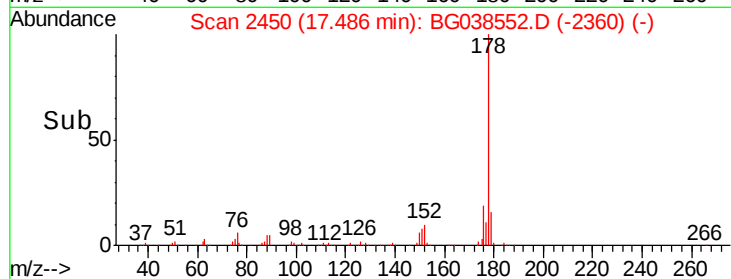
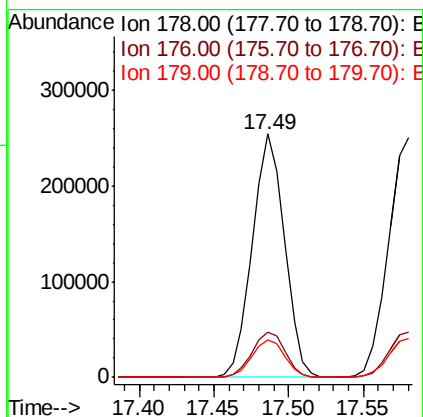
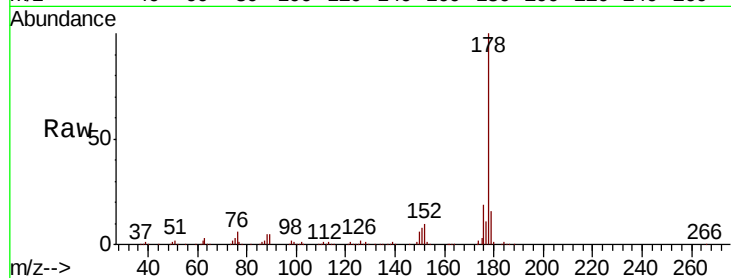




#71
Phenanthrene
Concen: 42.427 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

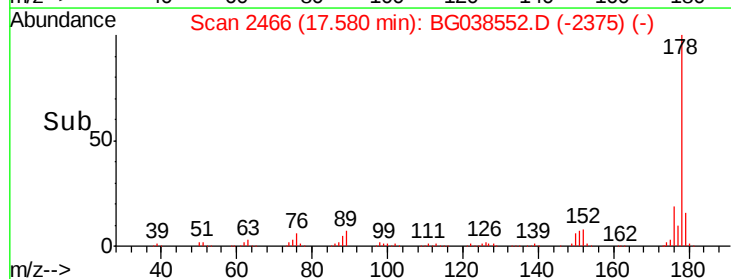
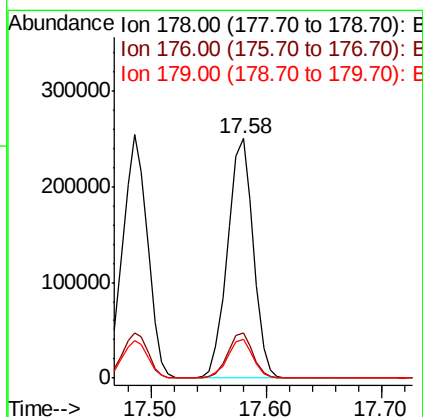
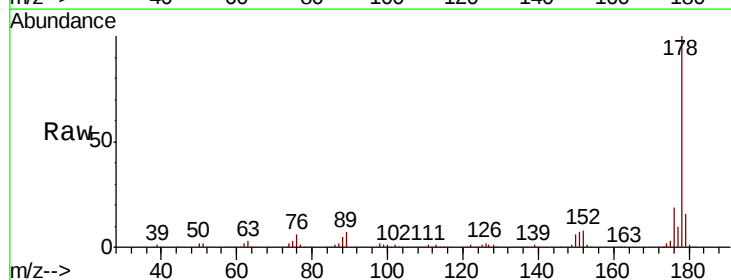
Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion:178 Resp: 378830
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 13.2 19.8



#72
Anthracene
Concen: 43.780 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:178 Resp: 385914
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 16.4 12.9 19.3

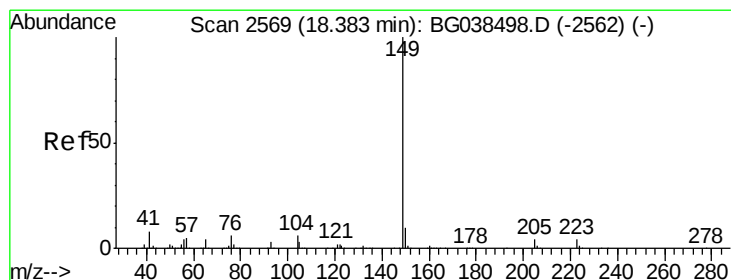
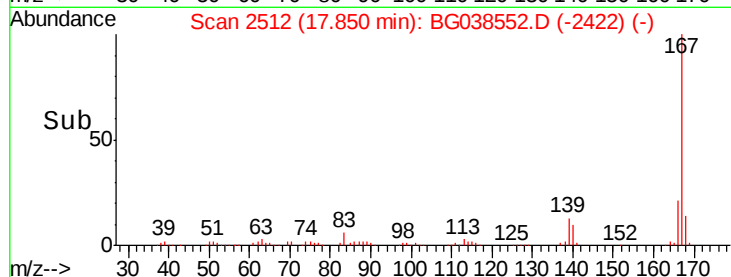
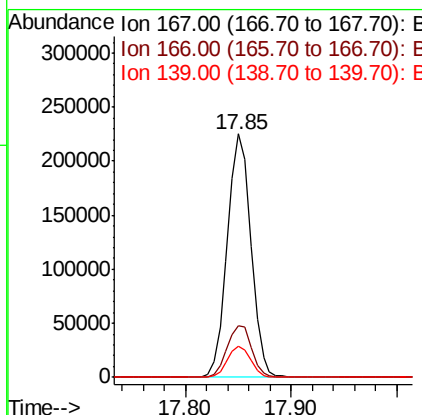
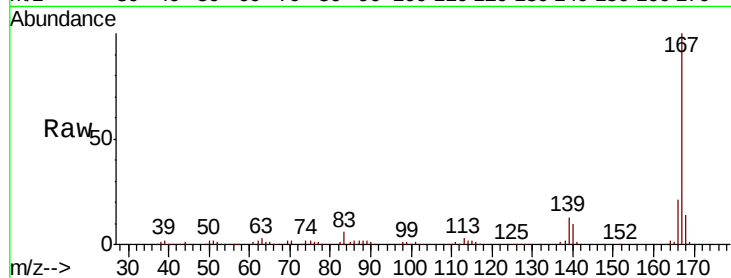




#73
 Carbazole
 Concen: 39.983 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

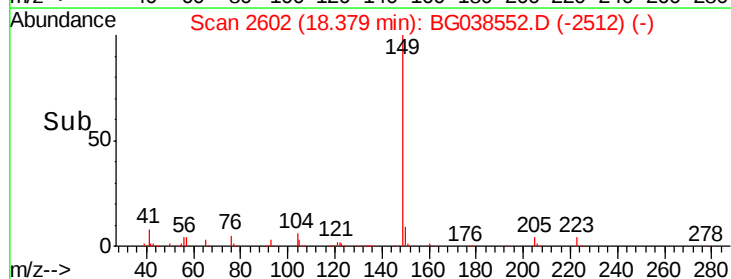
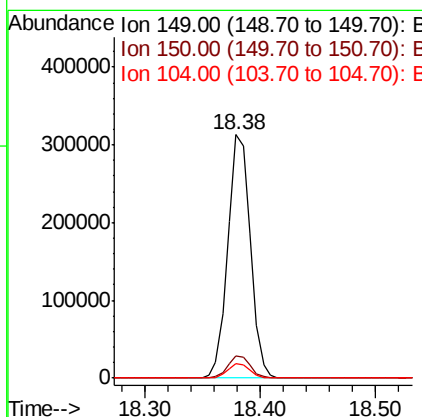
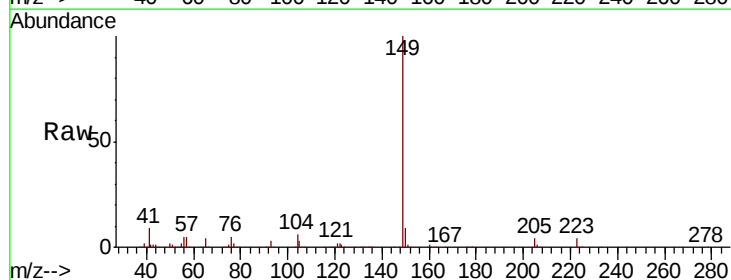
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

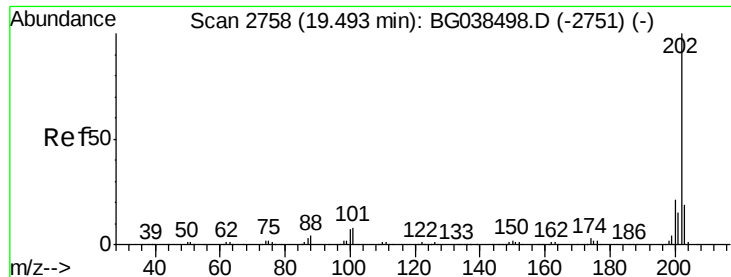
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.9	26.9
139	12.8	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 42.308 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 43.877 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

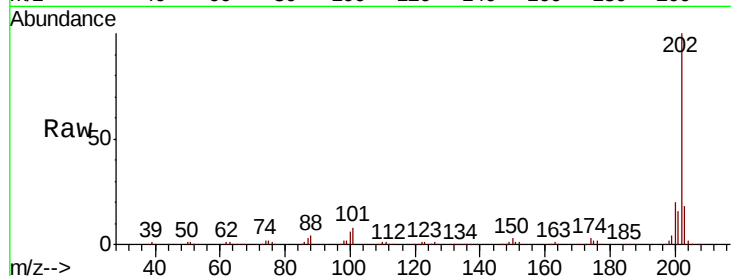
Tgt Ion:202 Resp: 484737

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.1

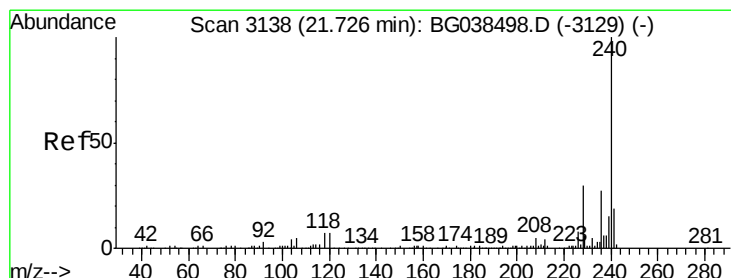
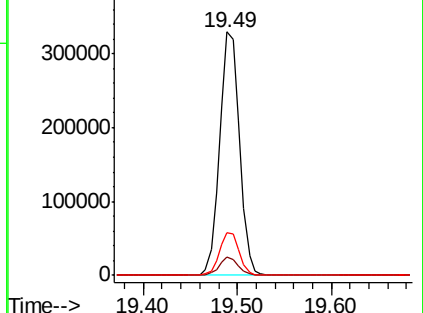
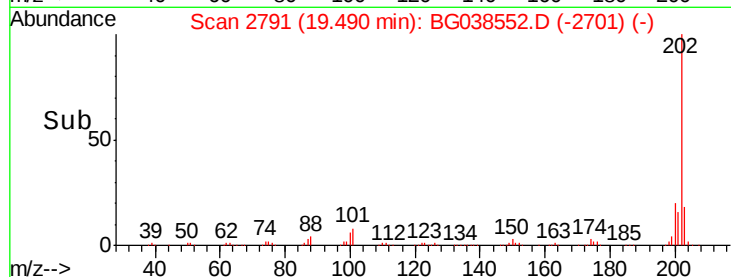
203 17.8 0.0 39.0



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: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

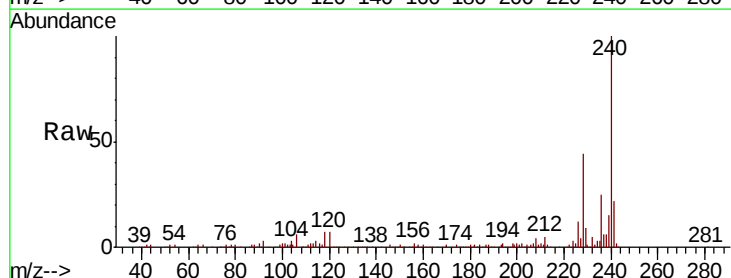
Tgt Ion:240 Resp: 173676

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

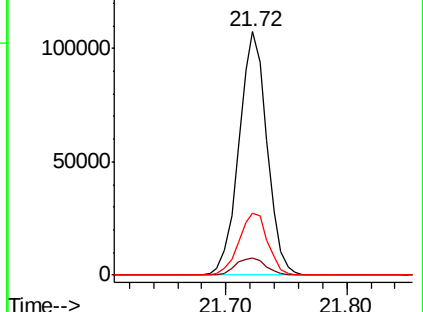
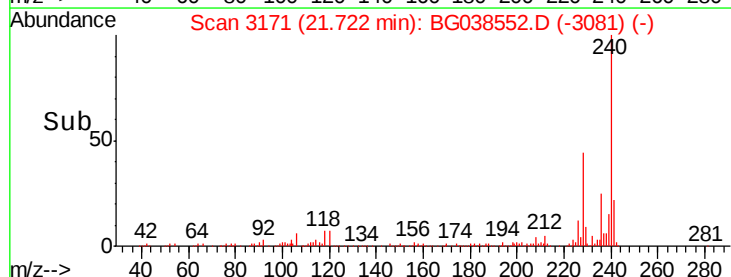
236 25.2 21.4 32.2

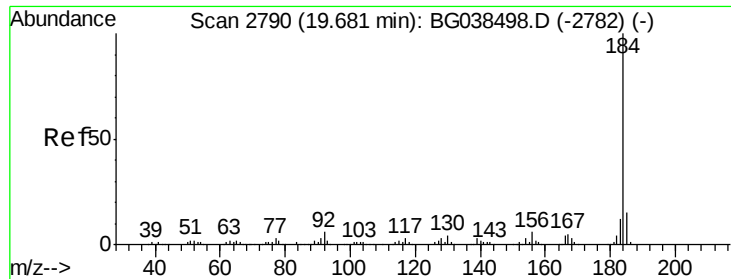


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.263 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

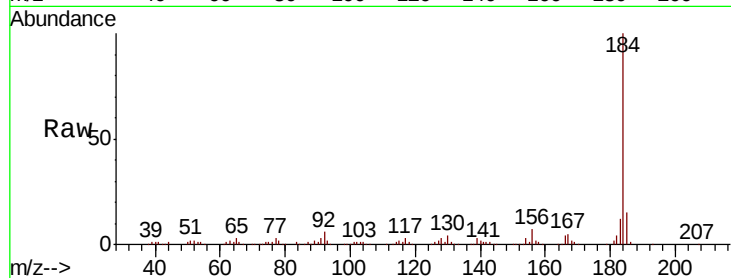
Tgt Ion:184 Resp: 206803

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

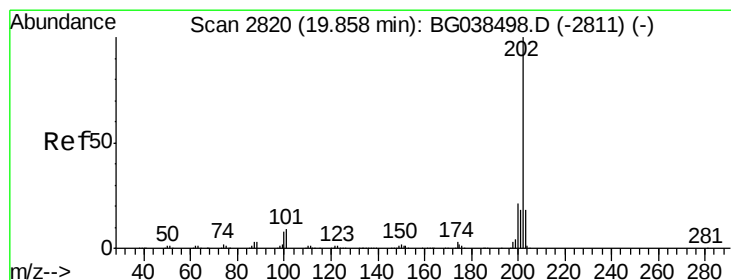
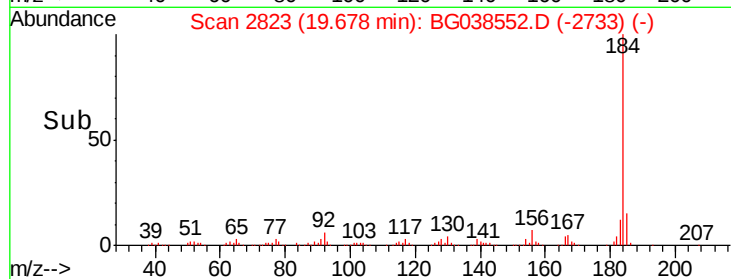
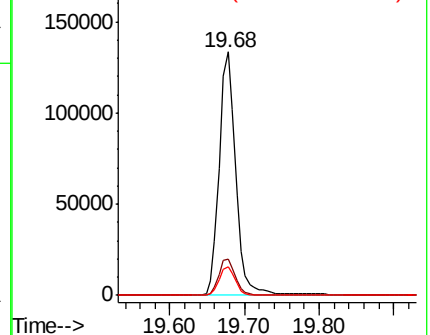
183 11.5 9.6 14.4



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: 41.353 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

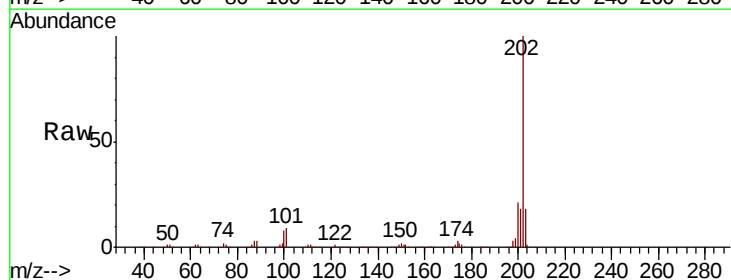
Tgt Ion:202 Resp: 474461

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

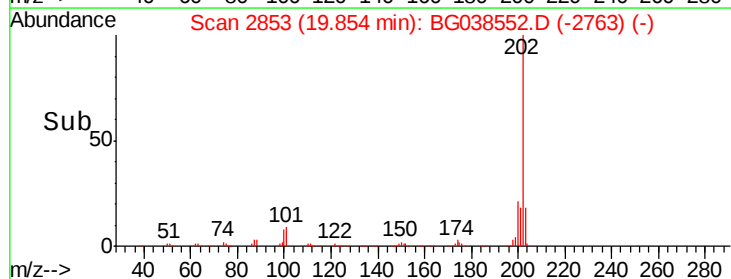
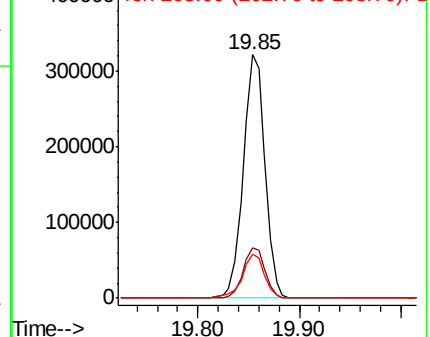
203 18.3 14.6 21.8

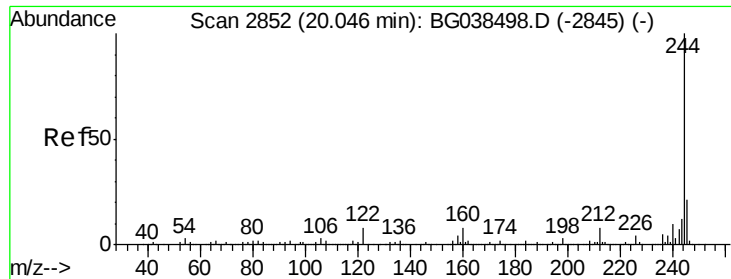


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.271 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

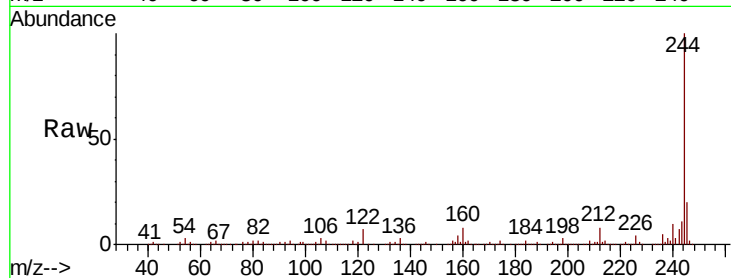
Tgt Ion:244 Resp: 600676

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

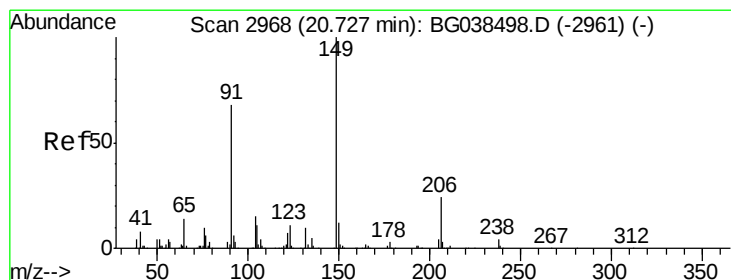
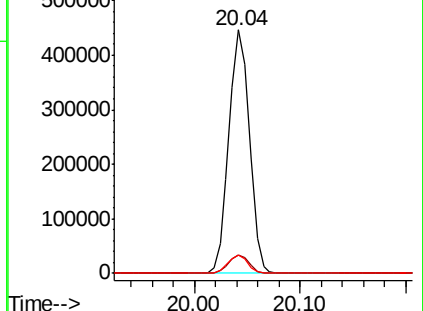
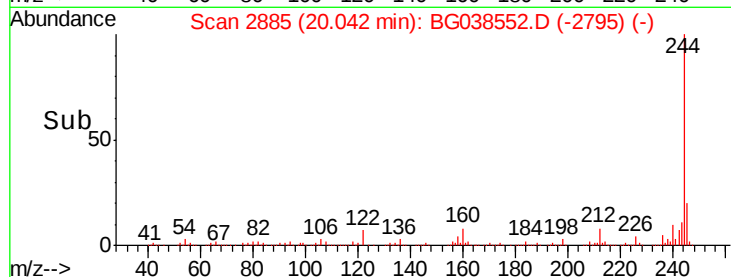
122 7.4 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.477 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

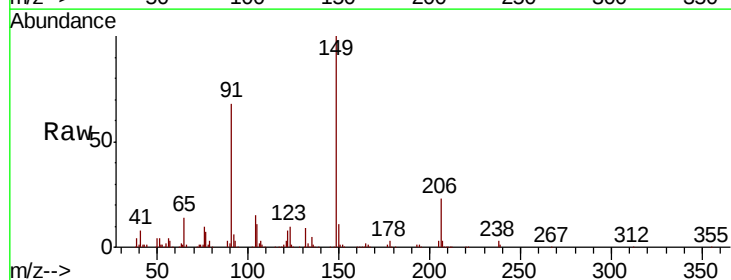
Tgt Ion:149 Resp: 185925

Ion Ratio Lower Upper

149 100

91 68.4 54.5 81.7

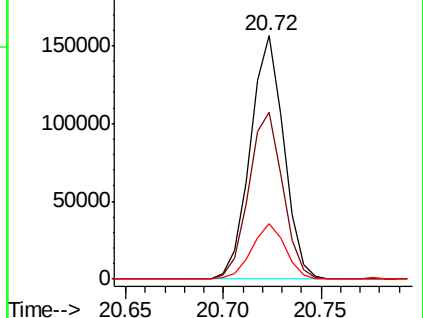
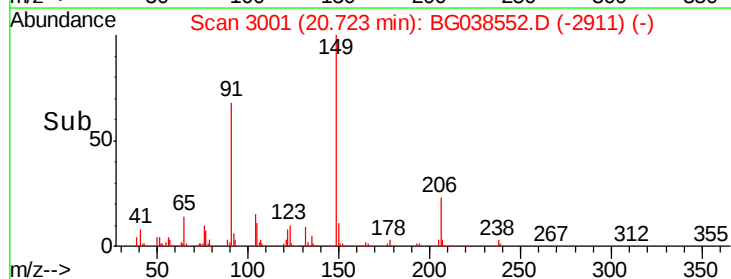
206 22.8 19.0 28.6

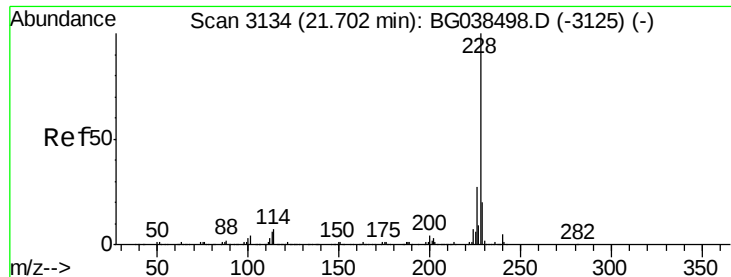


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.286 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

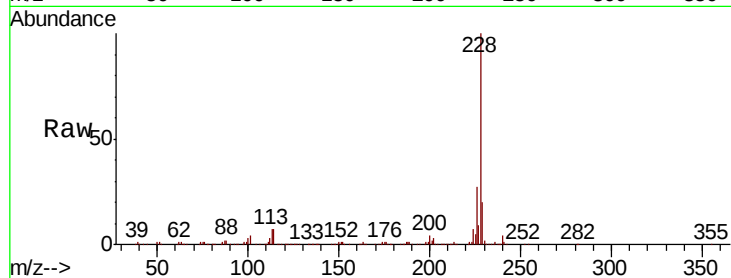
Tgt Ion:228 Resp: 458095

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

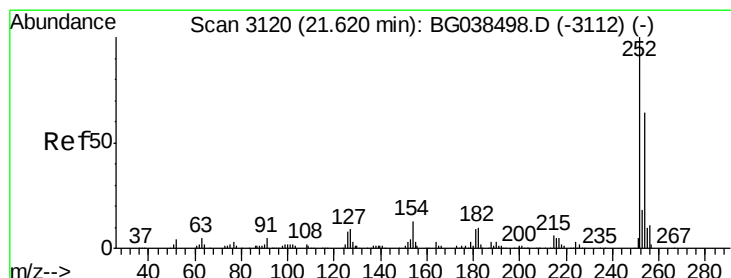
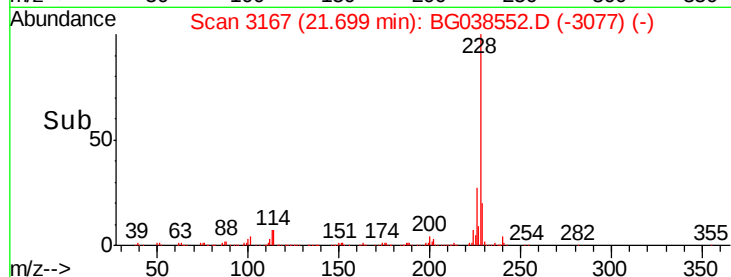
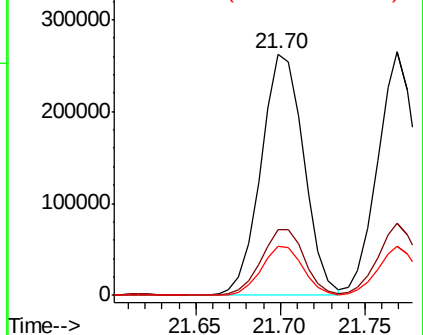
229 20.4 15.8 23.6



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: 27.976 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

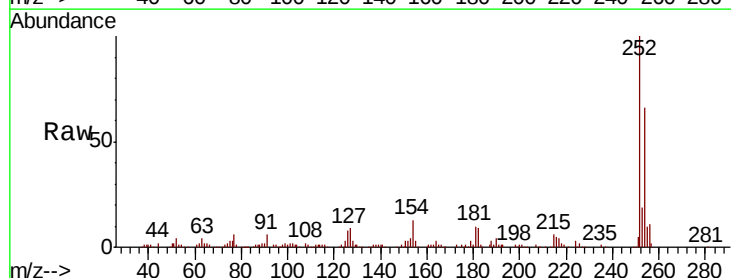
Tgt Ion:252 Resp: 117420

Ion Ratio Lower Upper

252 100

254 65.7 50.9 76.3

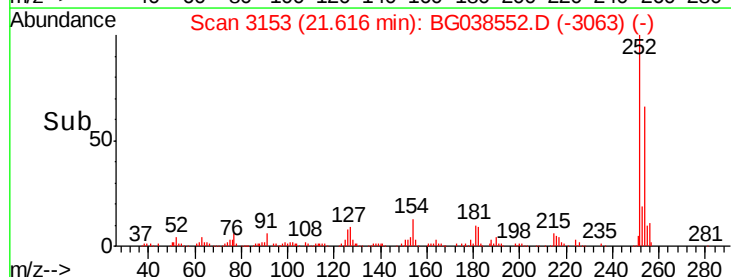
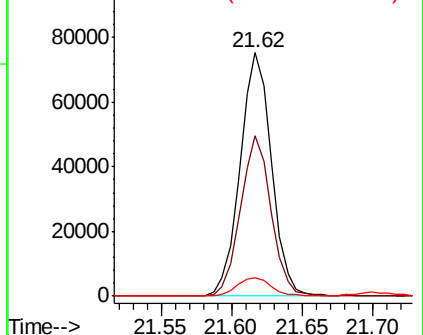
126 7.7 6.3 9.5



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: 41.782 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

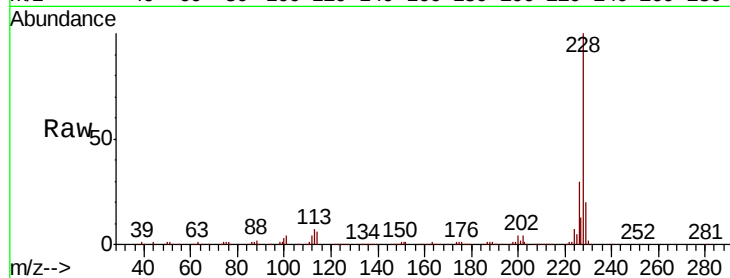
Tgt Ion:228 Resp: 425900

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.4

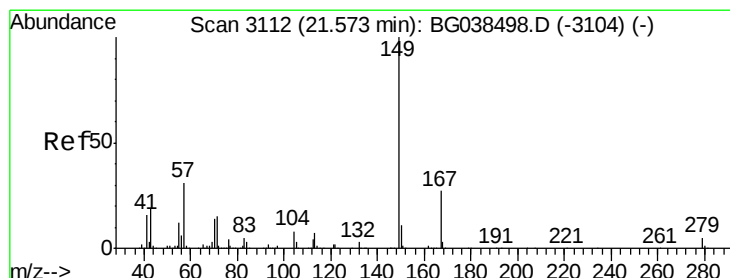
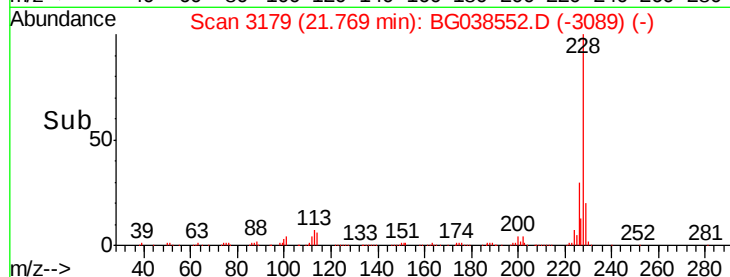
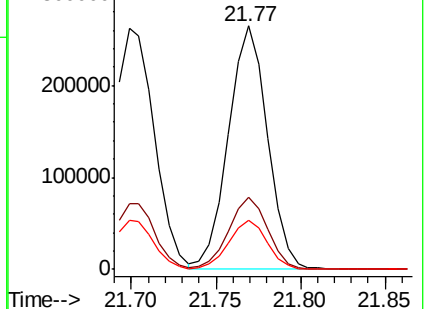
229 20.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.603 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

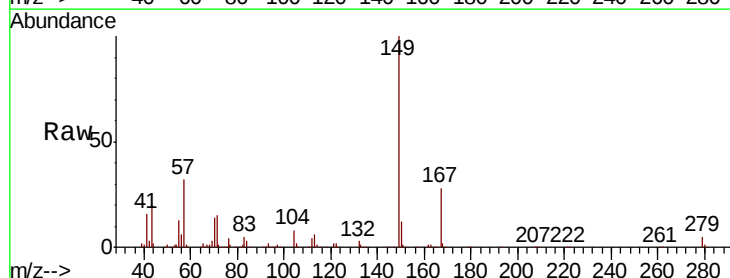
Tgt Ion:149 Resp: 258137

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

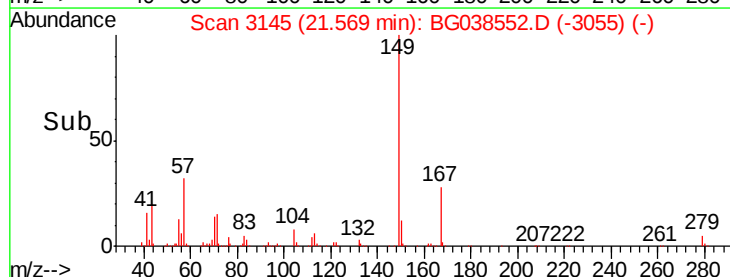
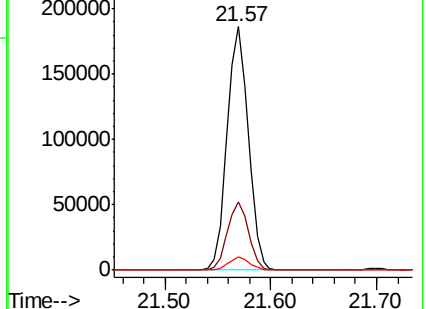
279 5.2 4.2 6.2

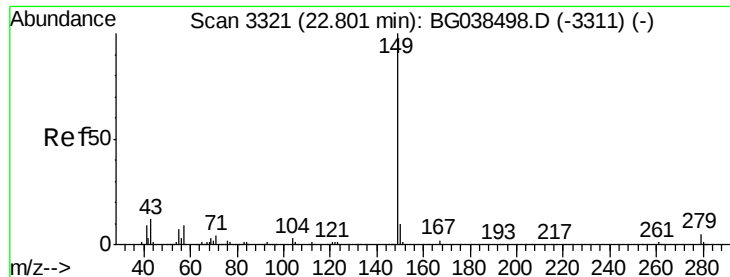


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

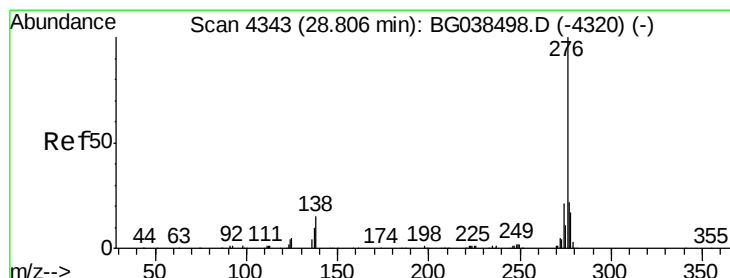
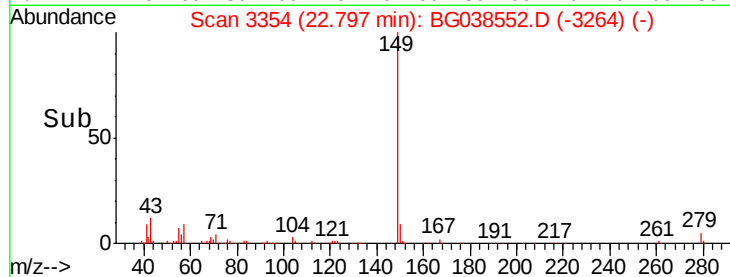
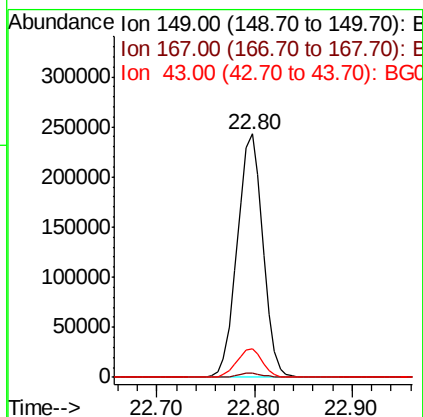
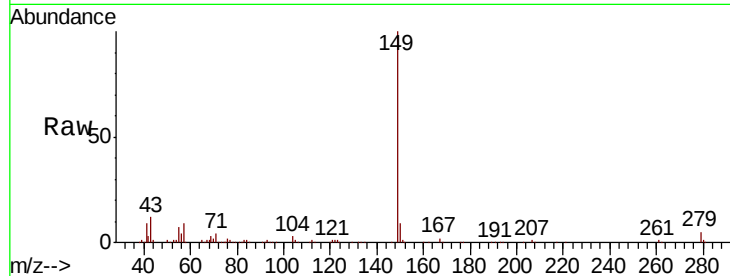




#85
Di-n-octyl phthalate
Concen: 41.671 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

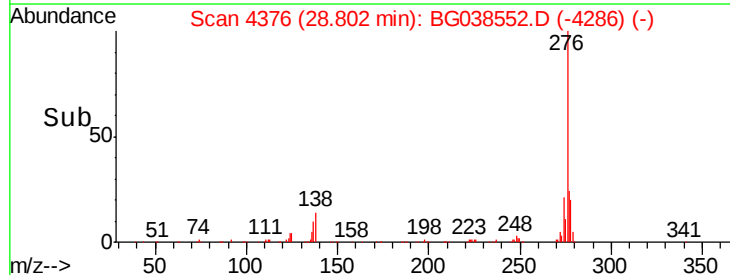
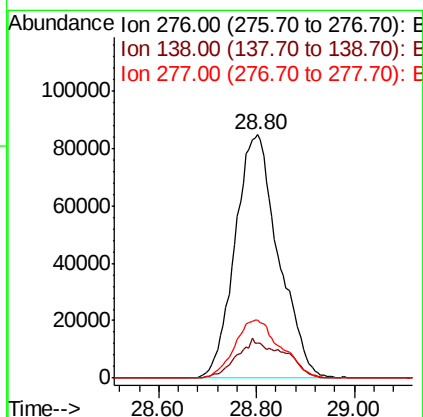
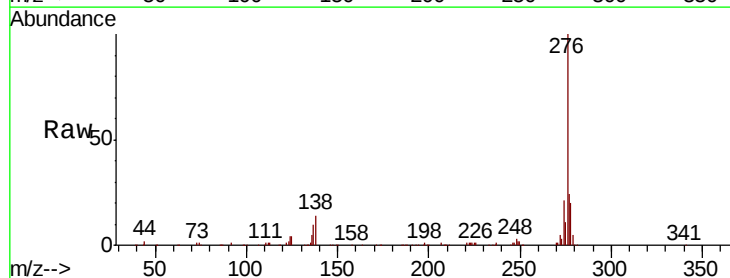
Instrument :
BNA_G
ClientSampleId :
PB115587BS

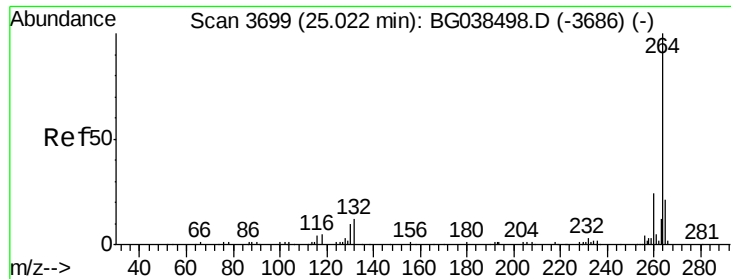
Tgt Ion:149 Resp: 443677
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.0 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.734 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:276 Resp: 524108
Ion Ratio Lower Upper
276 100
138 17.4 14.4 21.6
277 25.3 0.0 0.0#



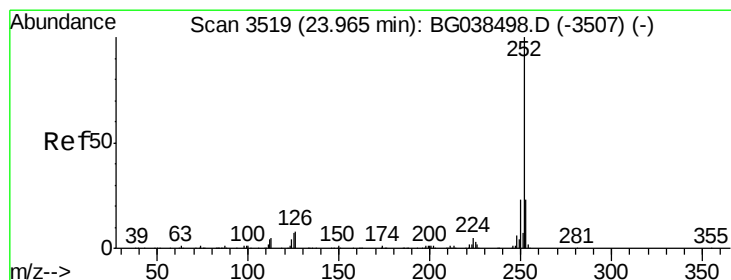
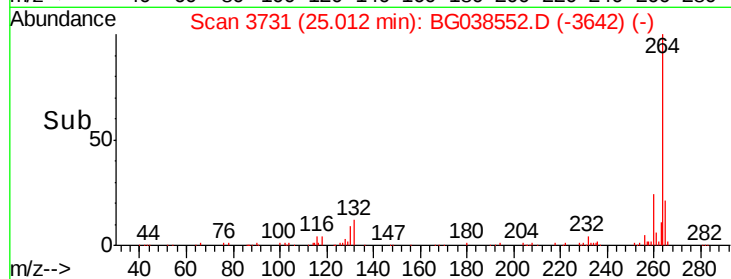
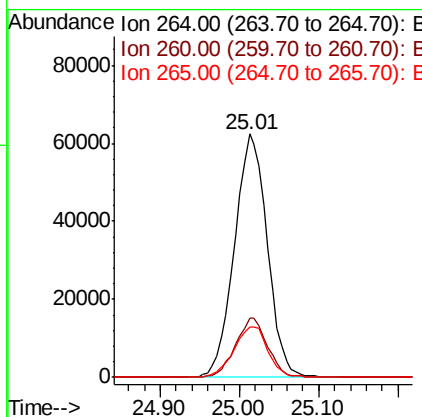
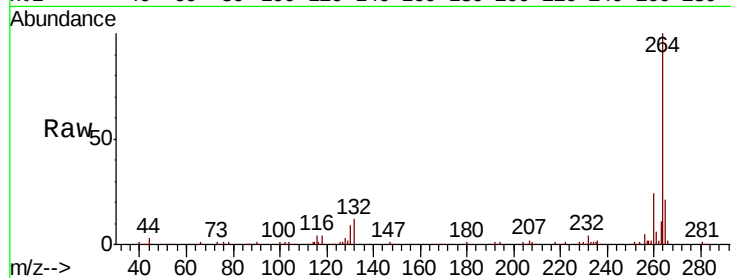


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tgt Ion: 264 Resp: 178753

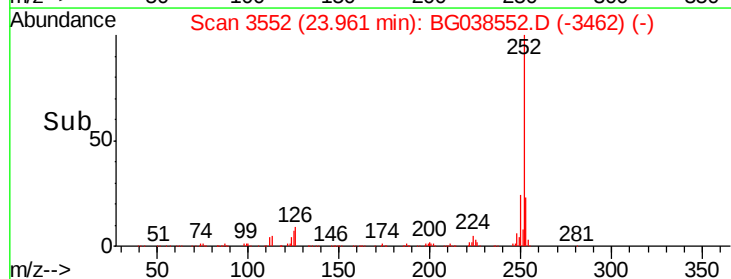
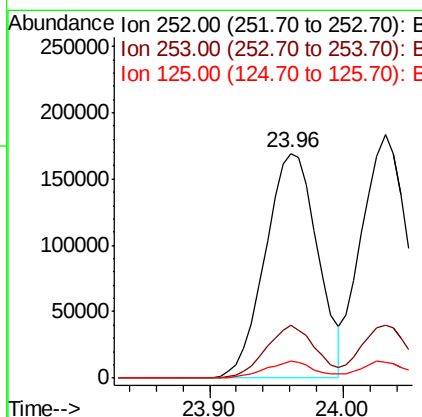
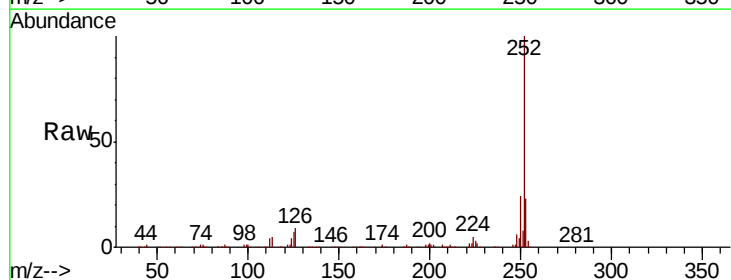
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	20.9	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 46.927 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion: 252 Resp: 460552

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	7.4	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 44.666 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

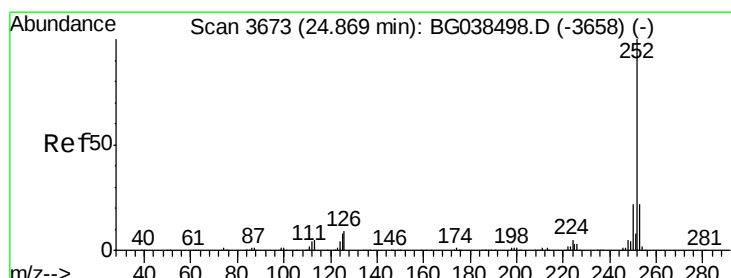
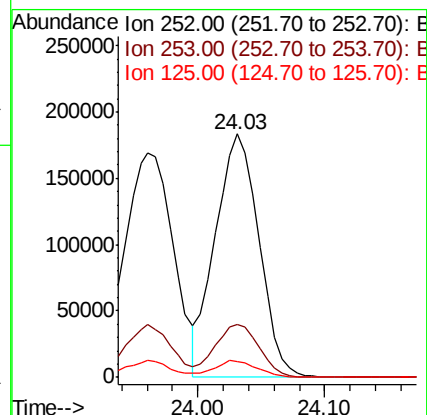
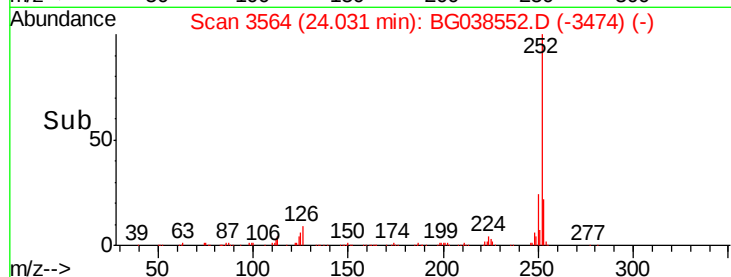
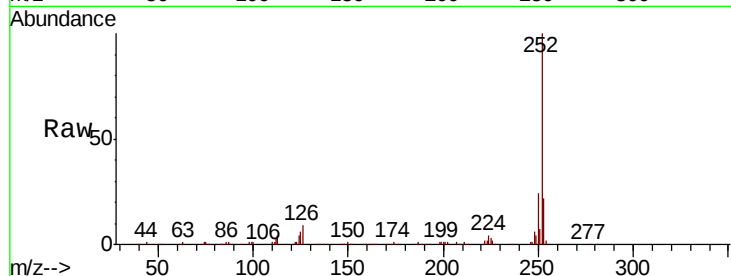
Tgt Ion:252 Resp: 436513

Ion Ratio Lower Upper

252 100

253 21.7 18.9 28.3

125 6.3 5.4 8.2



#90

Benzo(a)pyrene

Concen: 46.810 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

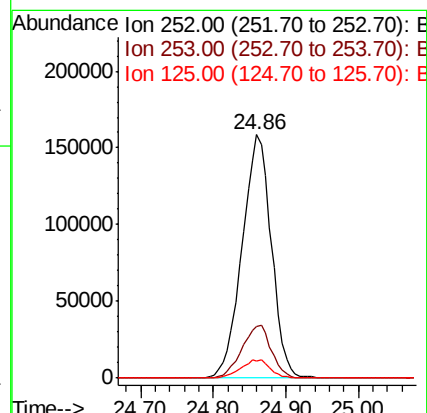
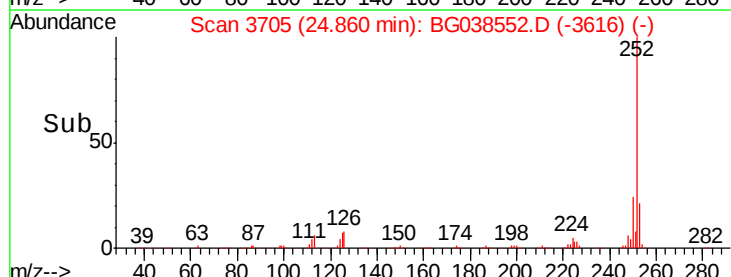
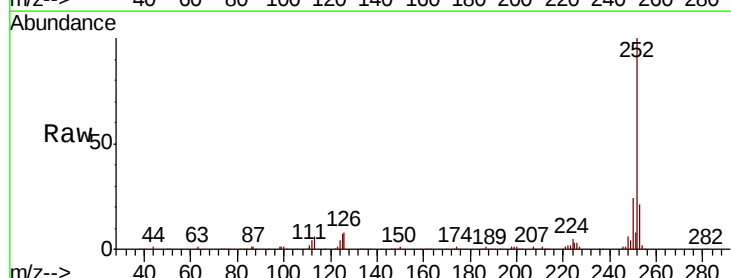
Tgt Ion:252 Resp: 443211

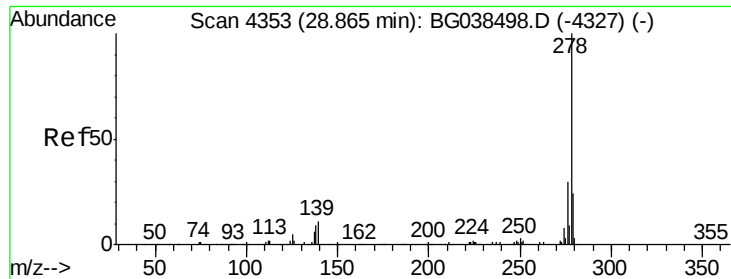
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 7.2 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 46.074 ng

RT: 28.87 min Scan# 4387

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

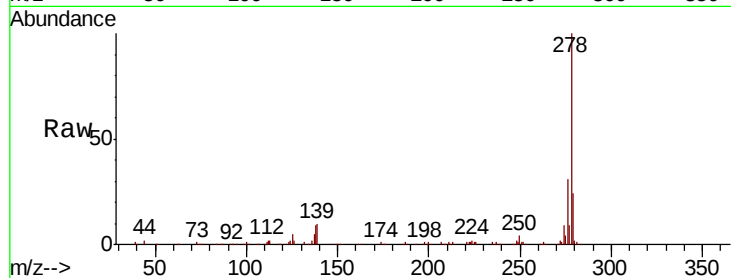
Tgt Ion:278 Resp: 434356

Ion Ratio Lower Upper

278 100

139 9.6 8.6 12.8

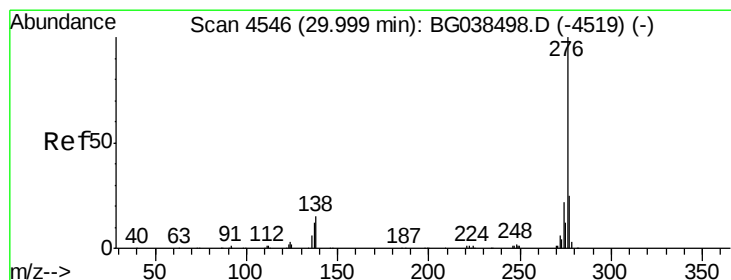
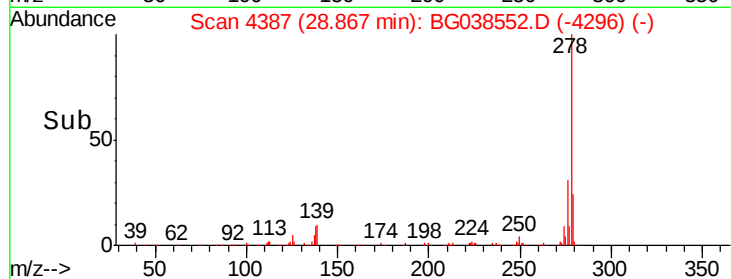
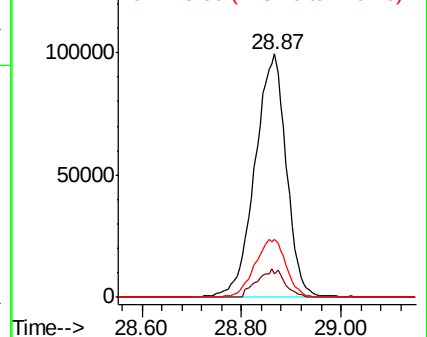
279 24.0 19.0 28.6



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: 46.379 ng

RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

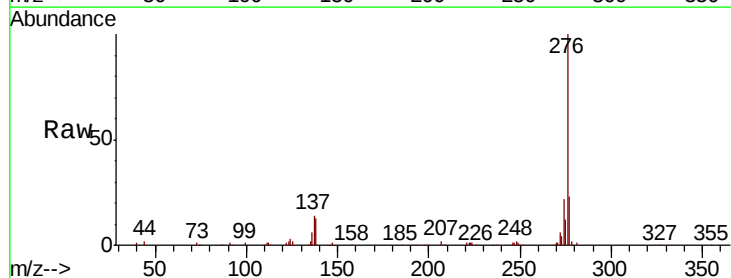
Tgt Ion:276 Resp: 430890

Ion Ratio Lower Upper

276 100

277 22.7 19.8 29.8

138 13.0 11.8 17.6



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

