

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038522.D
 Acq On : 13 Dec 2018 8:13
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 10:19:38 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	24178	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	108905	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	73597	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	183620	20.00	ng	0.00
76) Chrysene-d12	21.73	240	181686	20.00	ng	0.00
87) Perylene-d12	25.02	264	201272	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	117531	86.22	ng	0.00
7) Phenol-d6	7.21	99	162931	87.06	ng	0.00
23) Nitrobenzene-d5	9.23	82	170765	80.11	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	84513	83.32	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	415697	77.49	ng	0.00
79) Terphenyl-d14	20.05	244	681042	81.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	25789	40.649	ng	98
3) Pyridine	3.89	79	72772	41.661	ng	91
4) n-Nitrosodimethylamine	3.82	42	36764	42.955	ng	91
6) Aniline	7.38	93	103656	43.390	ng	97
8) 2-Chlorophenol	7.62	128	68259	43.270	ng	99
9) Benzaldehyde	7.20	77	49727	40.962	ng	97
10) Phenol	7.24	94	86644	43.580	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	67413	42.589	ng	98
12) 1,3-Dichlorobenzene	7.94	146	78728	42.209	ng	98
13) 1,4-Dichlorobenzene	8.09	146	81067	42.437	ng	99
14) 1,2-Dichlorobenzene	8.41	146	75571	41.962	ng	97
15) Benzyl Alcohol	8.30	79	65597	44.908	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	154051	42.485	ng	97
17) 2-Methylphenol	8.49	107	59492	44.663	ng	97
18) Hexachloroethane	9.14	117	28224	40.433	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	58412	44.442	ng	97
20) 3+4-Methylphenols	8.82	107	84267	45.807	ng	99
22) Acetophenone	8.89	105	107305	39.447	ng	# 98
24) Nitrobenzene	9.28	77	87589	40.615	ng	99
25) Isophorone	9.79	82	145852	38.080	ng	99
26) 2-Nitrophenol	9.99	139	42925	38.890	ng	97
27) 2,4-Dimethylphenol	10.03	122	63608	40.211	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	88269	40.838	ng	# 95
29) 2,4-Dichlorophenol	10.52	162	73767	41.918	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	85062	40.016	ng	98
31) Naphthalene	10.93	128	212759	39.651	ng	99
32) Benzoic acid	10.19	122	30696	34.245	ng	86
33) 4-Chloroaniline	11.04	127	98920	42.462	ng	98
34) Hexachlorobutadiene	11.19	225	57091	39.692	ng	95
35) Caprolactam	11.83	113	30835	42.339	ng	99
36) 4-Chloro-3-methylphenol	12.15	107	81272	40.469	ng	93
37) 2-Methylnaphthalene	12.52	142	154610	40.389	ng	97
38) 1-Methylnaphthalene	12.75	142	150544	40.527	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	108353	39.386	ng	99

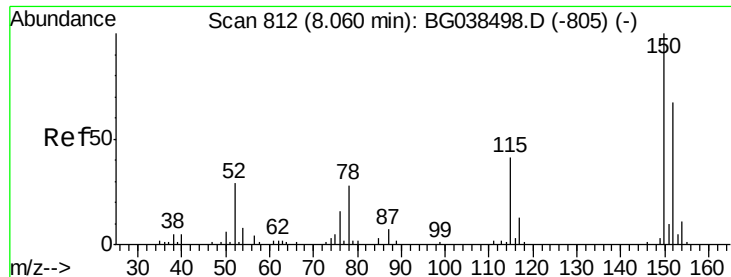
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038522.D
 Acq On : 13 Dec 2018 8:13
 Operator : JU/SJ
 Sample : SSTDC0040
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Instrument :
 BNA_G
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Quant Time: Dec 13 10:19:38 2018
 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)
41) Hexachlorocyclopentadiene	12.85	237	55602	36.788	ng	87
43) 2,4,6-Trichlorophenol	13.13	196	68750	40.644	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	73027	40.776	ng	99
46) 1,1'-Biphenyl	13.53	154	241152	39.086	ng	100
47) 2-Chloronaphthalene	13.58	162	183315	38.464	ng	97
48) 2-Nitroaniline	13.79	65	64950	42.785	ng	96
49) Acenaphthylene	14.42	152	281940	39.572	ng	98
50) Dimethylphthalate	14.15	163	241971	40.260	ng	99
51) 2,6-Dinitrotoluene	14.28	165	55455	40.716	ng	95
52) Acenaphthene	14.76	154	168106	39.458	ng	98
53) 3-Nitroaniline	14.62	138	59531	42.877	ng	93
54) 2,4-Dinitrophenol	14.82	184	29392	39.101	ng	98
55) Dibenzofuran	15.09	168	291099	39.861	ng	97
56) 4-Nitrophenol	14.91	139	43709	41.498	ng	92
57) 2,4-Dinitrotoluene	15.06	165	79087	41.227	ng	99
58) Fluorene	15.74	166	218041	40.299	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	66606	41.338	ng	98
60) Diethylphthalate	15.50	149	260947	39.550	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	136236	40.356	ng	99
62) 4-Nitroaniline	15.78	138	61432	42.978	ng	98
63) Azobenzene	16.02	77	223913	40.625	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	51499	39.317	ng	97
66) n-Nitrosodiphenylamine	15.95	169	217823	40.374	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	89137	39.748	ng	93
68) Hexachlorobenzene	16.74	284	95533	41.096	ng	97
69) Atrazine	16.89	200	84516	42.211	ng	95
70) Pentachlorophenol	17.08	266	58038	42.210	ng	99
71) Phenanthrene	17.48	178	377906	39.688	ng	99
72) Anthracene	17.58	178	377121	40.119	ng	99
73) Carbazole	17.85	167	380011	40.877	ng	99
74) Di-n-butylphthalate	18.38	149	438966	41.151	ng	99
75) Fluoranthene	19.49	202	467610	39.691	ng	98
77) Benzidine	19.68	184	230105	42.825	ng	99
78) Pyrene	19.86	202	476694	39.716	ng	100
80) Butylbenzylphthalate	20.72	149	193016	41.161	ng	96
81) Benzo(a)anthracene	21.70	228	453610	40.973	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	184406	41.998	ng	96
83) Chrysene	21.77	228	431442	40.459	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	272843	41.025	ng	99
85) Di-n-octyl phthalate	22.80	149	458852	41.196	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	518414	41.352	ng	# 86
88) Benzo(b)fluoranthene	23.96	252	450934	40.806	ng	98
89) Benzo(k)fluoranthene	24.03	252	442699	40.230	ng	98
90) Benzo(a)pyrene	24.86	252	436307	40.926	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	439177	41.374	ng	99
92) Benzo(g,h,i)perylene	29.99	276	426437	40.764	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampled :

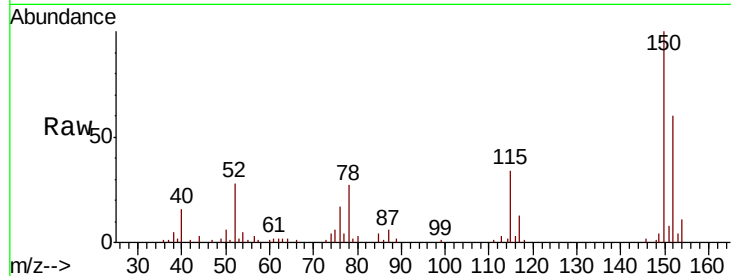
Tot Ion:152 Resp: 24178

Ion Ratio Lower Upper

152 100

150 167.3 119.5 179.3

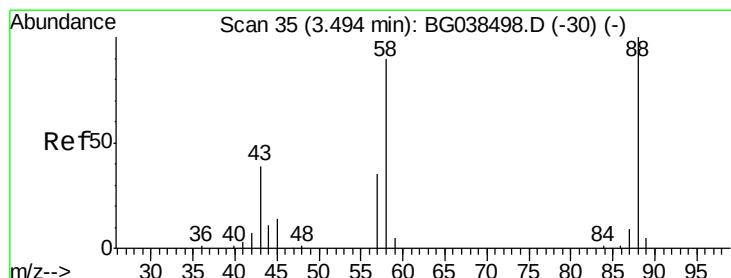
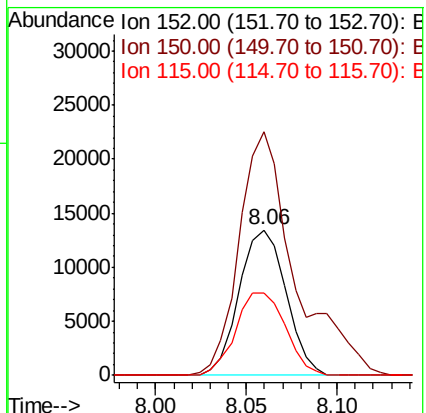
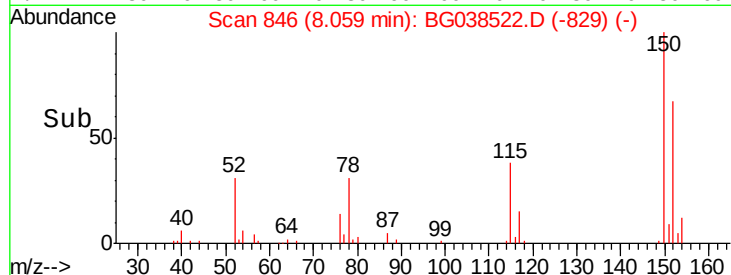
115 56.7 49.6 74.4



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: 40.649 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

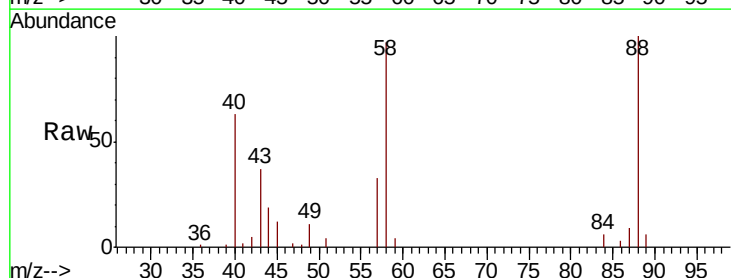
Tgt Ion: 88 Resp: 25789

Ion Ratio Lower Upper

88 100

58 97.0 75.7 113.5

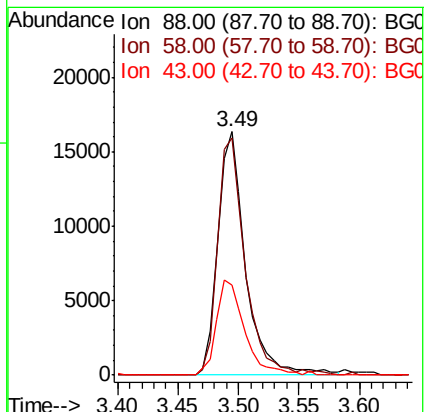
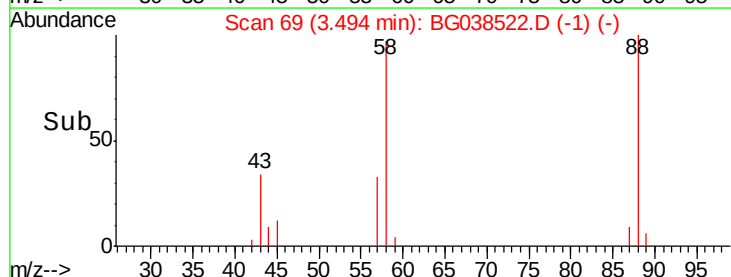
43 39.5 31.6 47.4

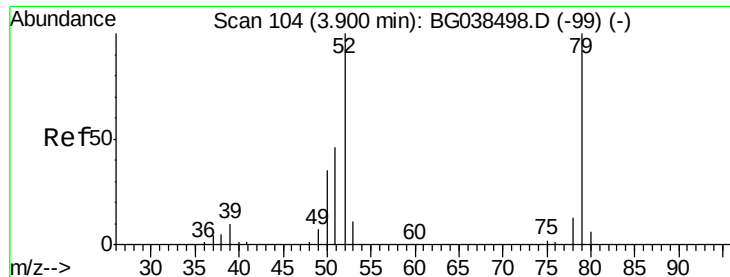


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.661 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampled :

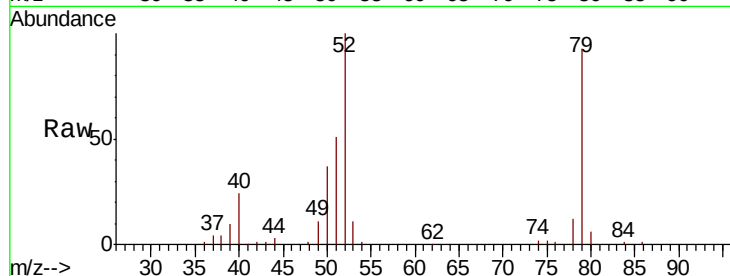
Tot Ion: 79 Resp: 72772

Ion Ratio Lower Upper

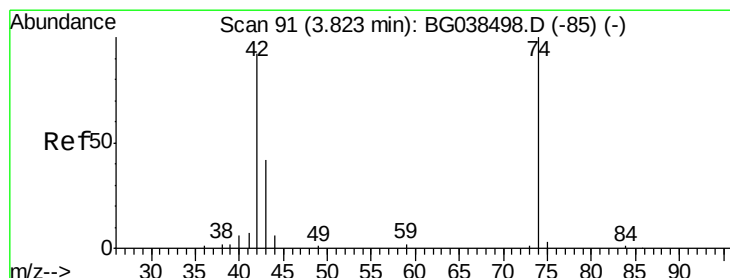
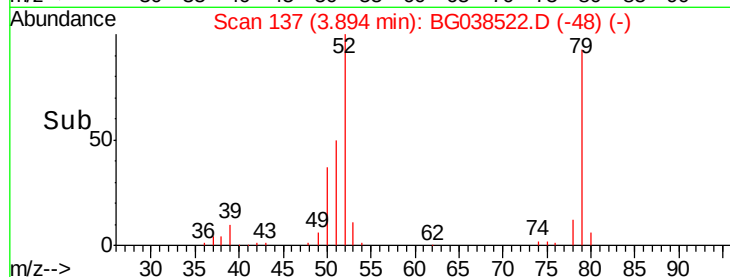
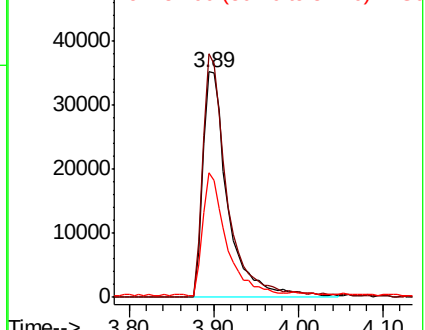
79 100

52 108.0 80.2 120.2

51 55.1 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: 42.955 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

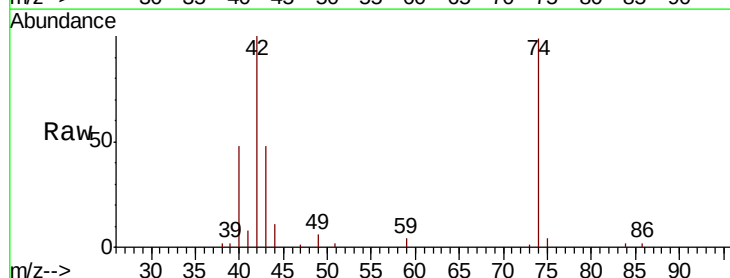
Tgt Ion: 42 Resp: 36764

Ion Ratio Lower Upper

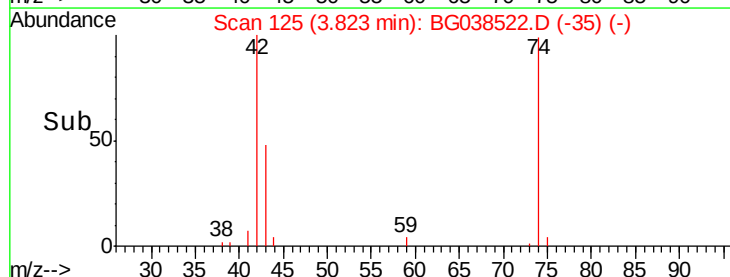
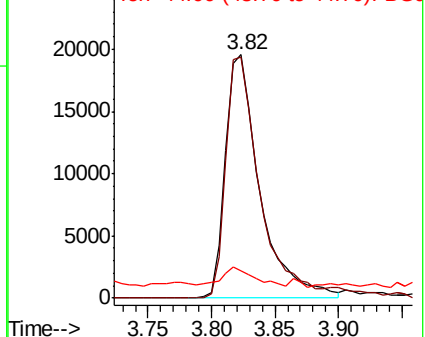
42 100

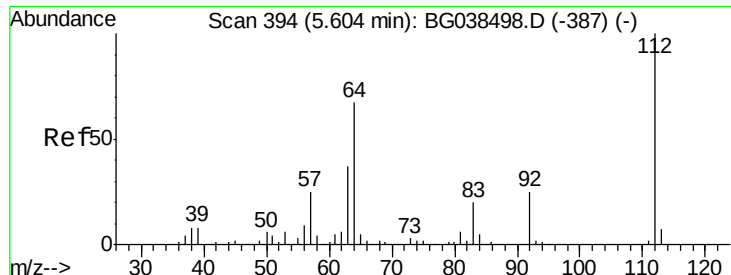
74 98.8 86.7 130.1

44 11.3 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: 86.219 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

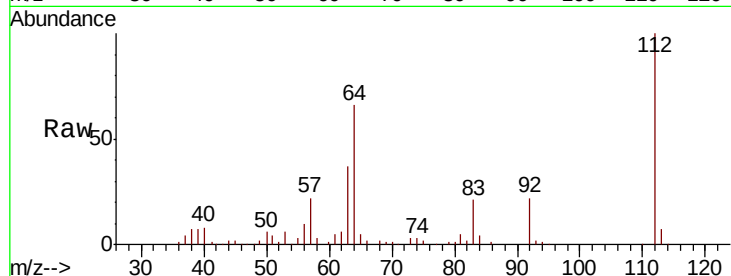
Tot Ion:112 Resp: 117531

Ion Ratio Lower Upper

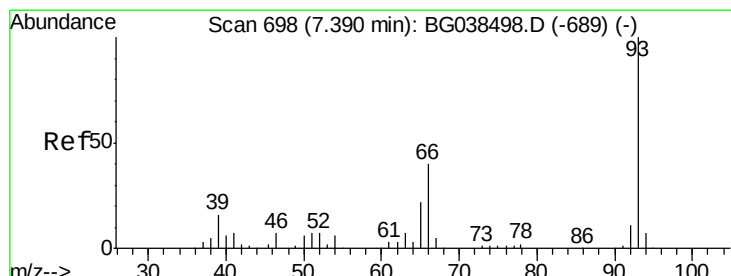
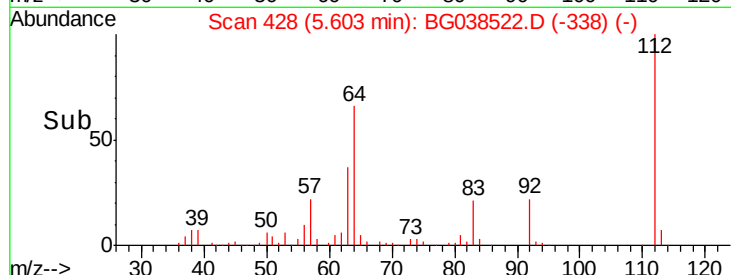
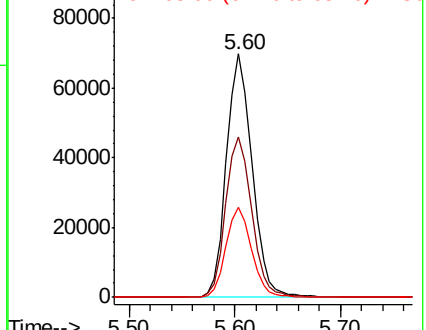
112 100

64 66.1 53.4 80.2

63 36.9 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: 43.390 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

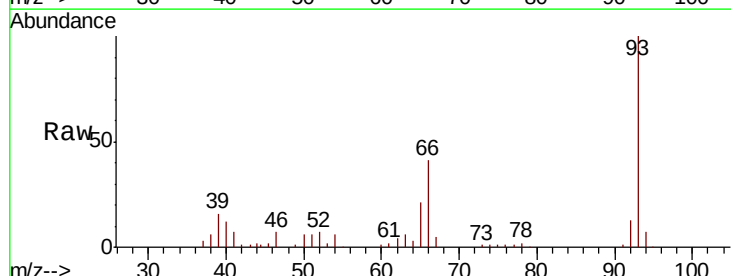
Tgt Ion: 93 Resp: 103656

Ion Ratio Lower Upper

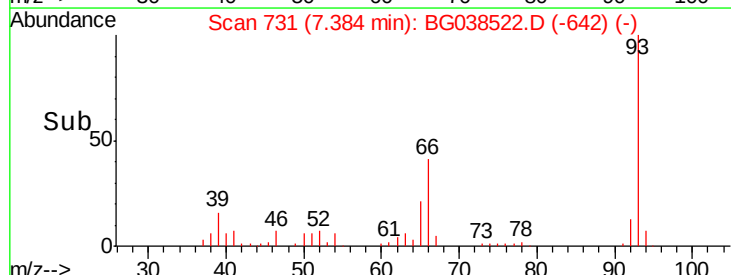
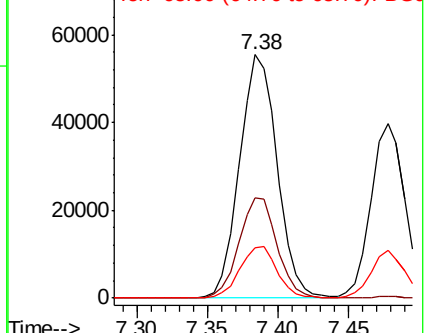
93 100

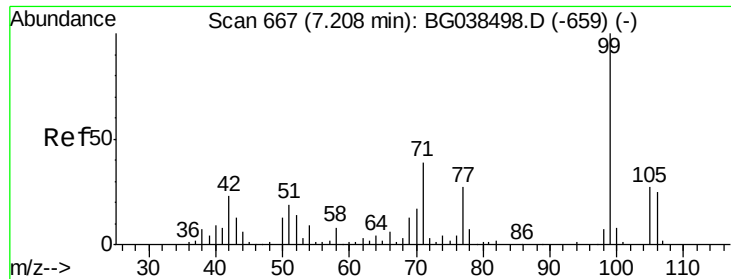
66 41.2 31.7 47.5

65 20.5 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: 87.065 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

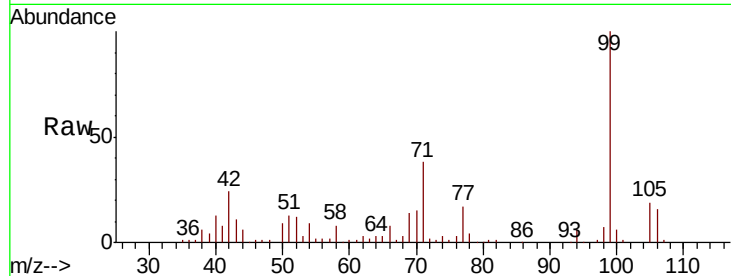
Tot Ion: 99 Resp: 162931

Ion Ratio Lower Upper

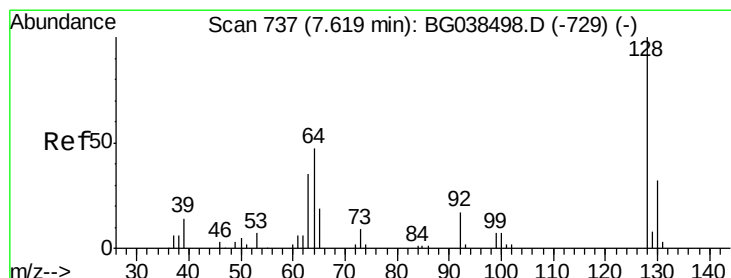
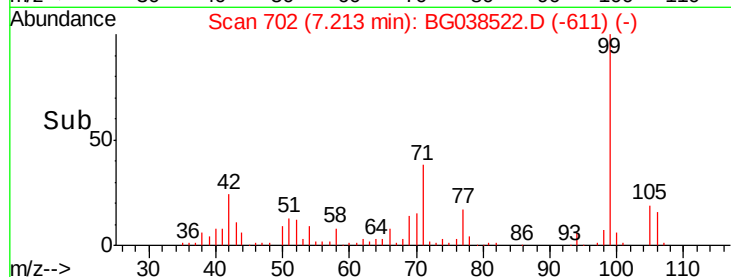
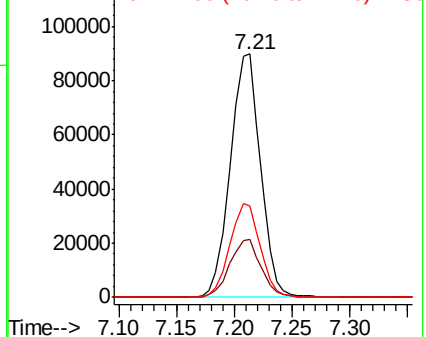
99 100

42 23.9 18.5 27.7

71 37.7 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: 43.270 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

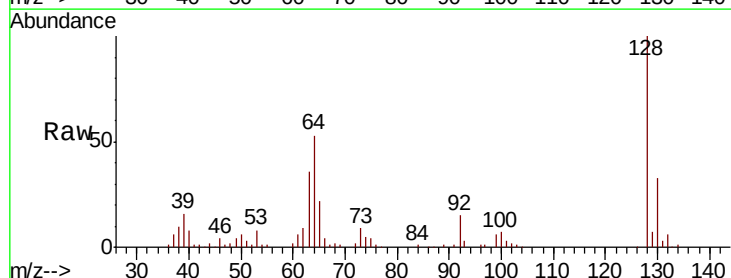
Tgt Ion: 128 Resp: 68259

Ion Ratio Lower Upper

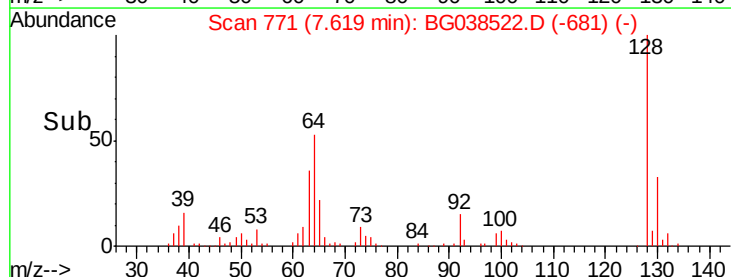
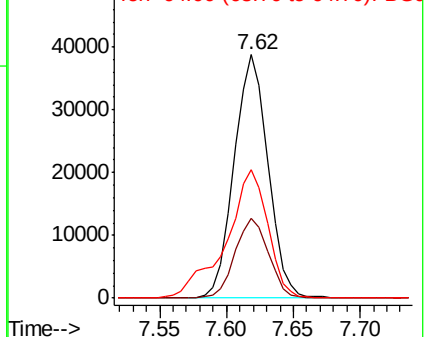
128 100

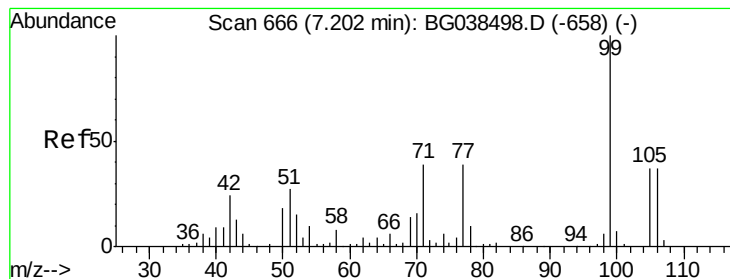
130 33.0 11.8 51.8

64 52.9 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: 40.962 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampled :

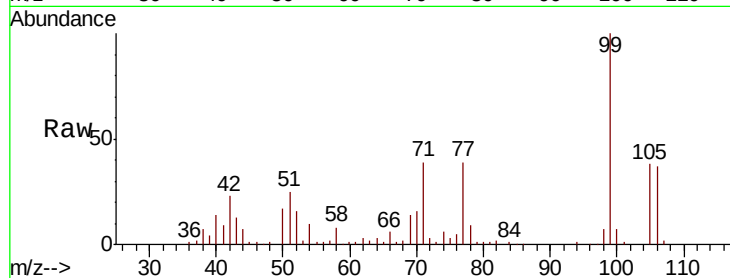
Tot Ion: 77 Resp: 49727

Ion Ratio Lower Upper

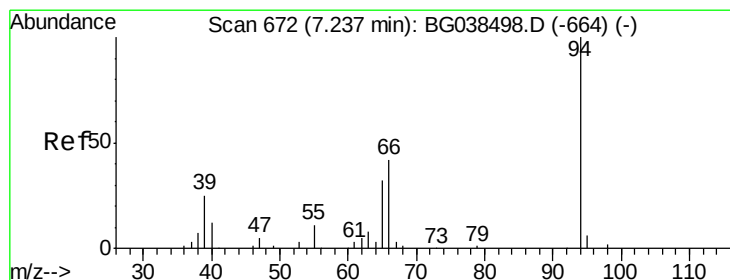
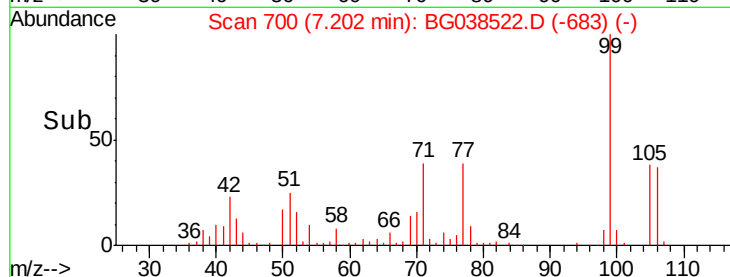
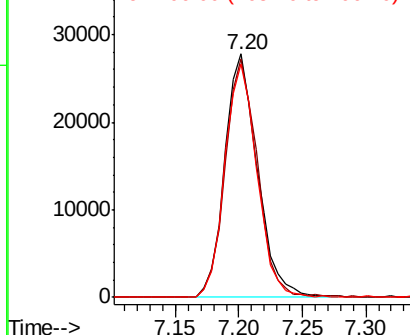
77 100

105 97.8 74.0 114.0

106 95.6 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: 43.580 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

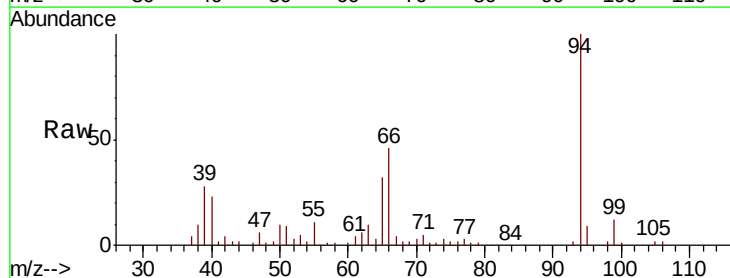
Tgt Ion: 94 Resp: 86644

Ion Ratio Lower Upper

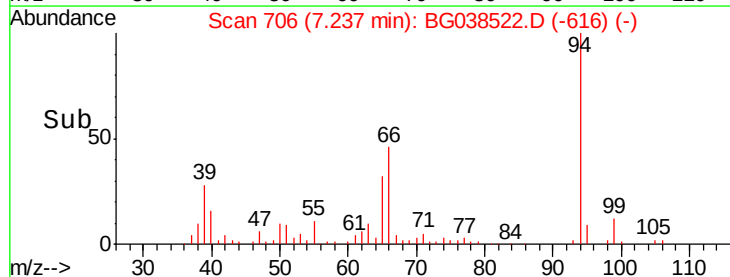
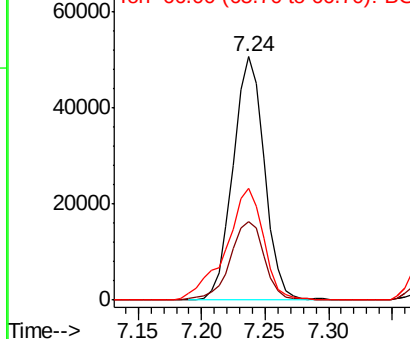
94 100

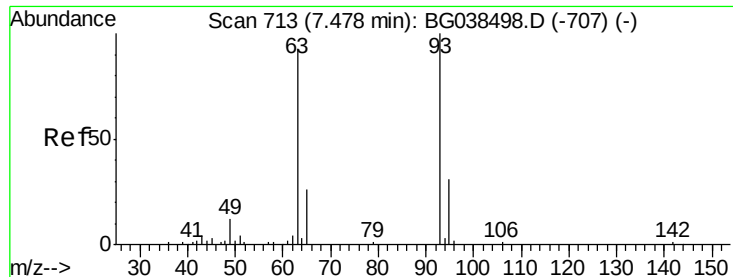
65 32.0 12.6 52.6

66 45.9 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

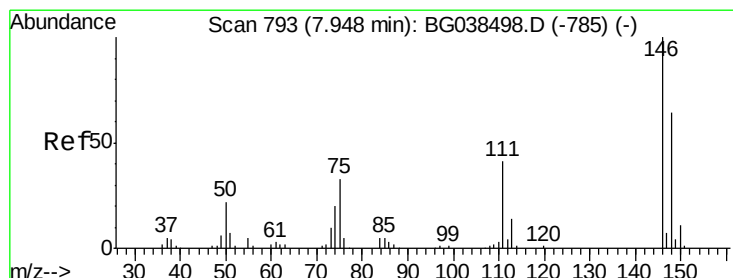
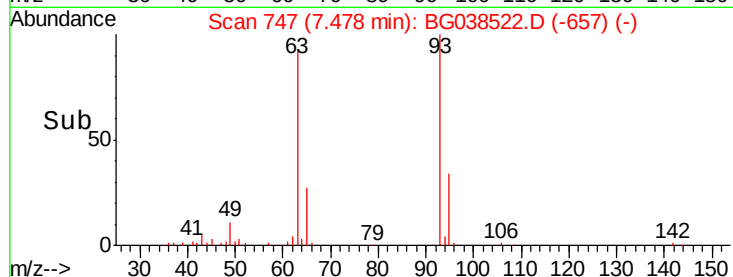
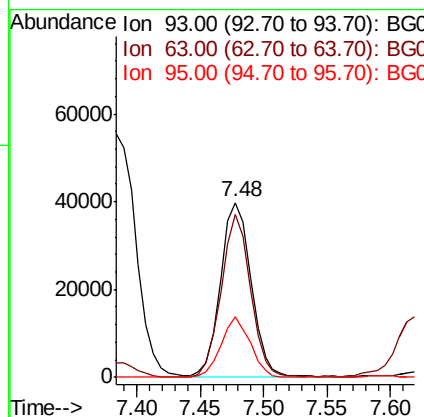
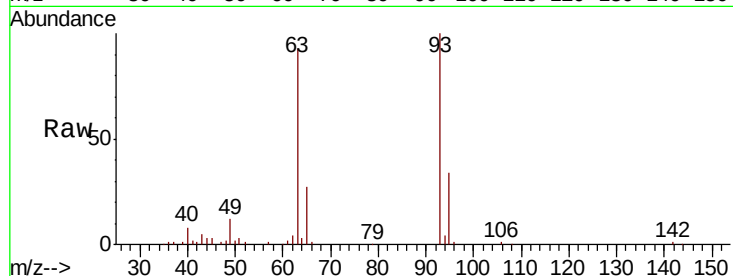




#11
 bis(2-Chloroethyl)ether
 Concen: 42.589 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

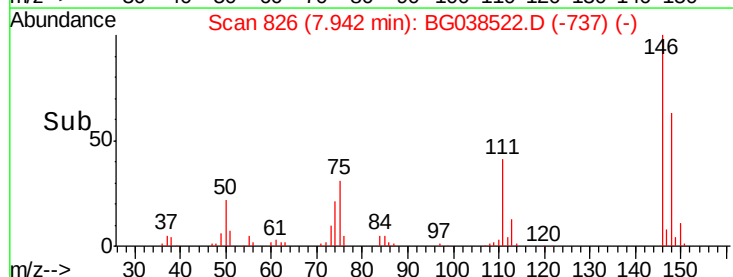
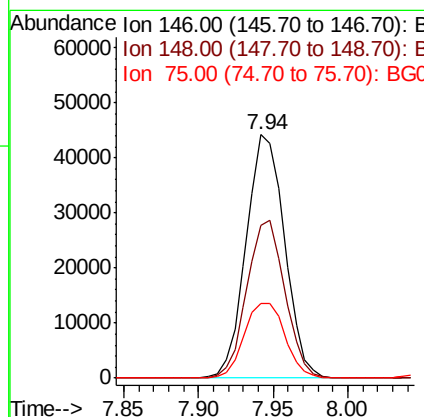
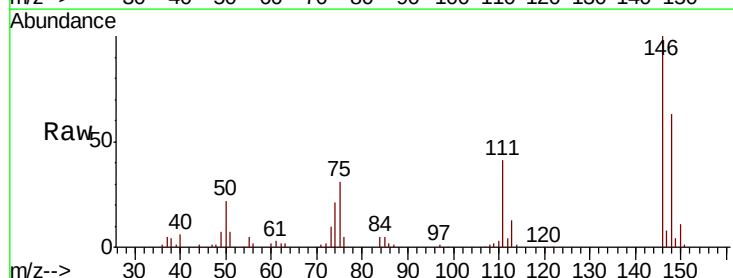
Instrument :
 BNA_G
 ClientSampleId :

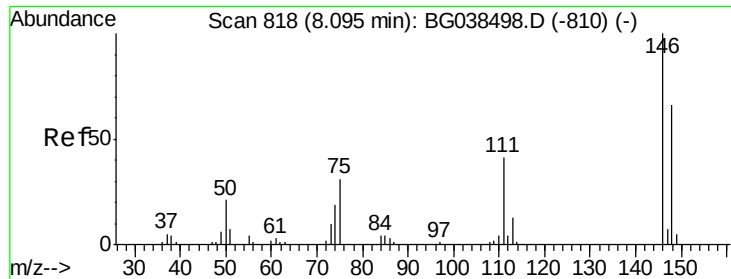
Tot Ion: 93 Resp: 67413
 Ion Ratio Lower Upper
 93 100
 63 93.3 72.2 112.2
 95 34.4 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 42.209 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion: 146 Resp: 78728
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 75 30.9 26.1 39.1

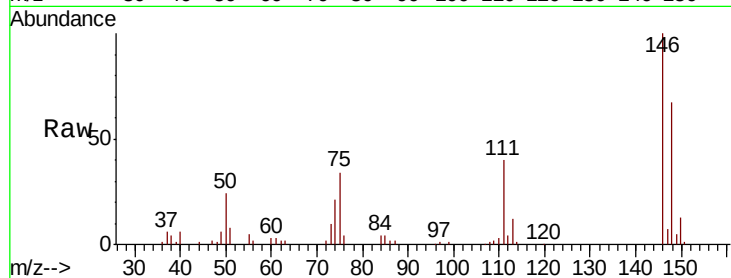




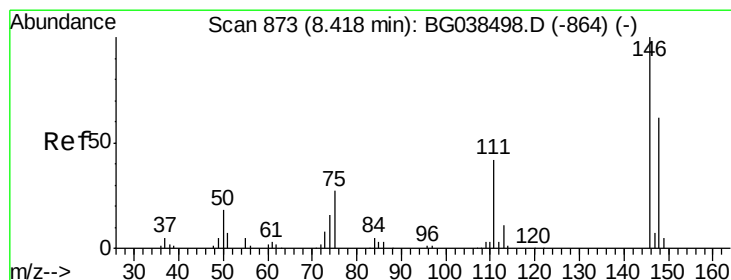
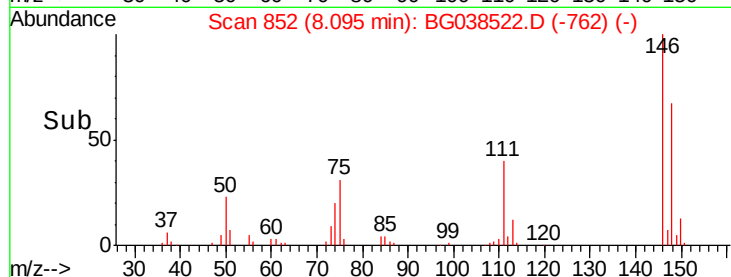
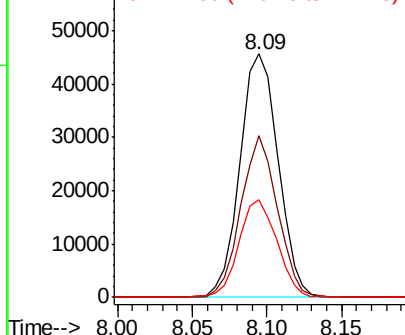
#13
 1,4-Dichlorobenzene
 Concen: 42.437 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 81067
 Ion Ratio Lower Upper
 146 100
 148 66.5 52.4 78.6
 111 40.0 33.0 49.4

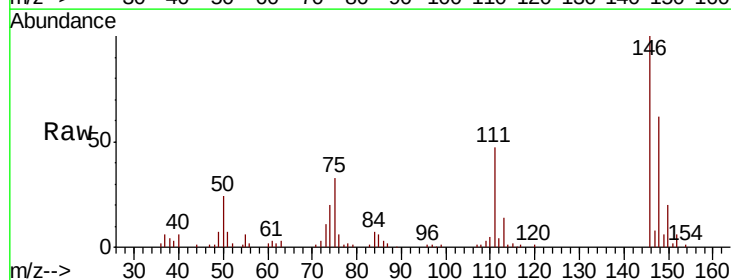


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

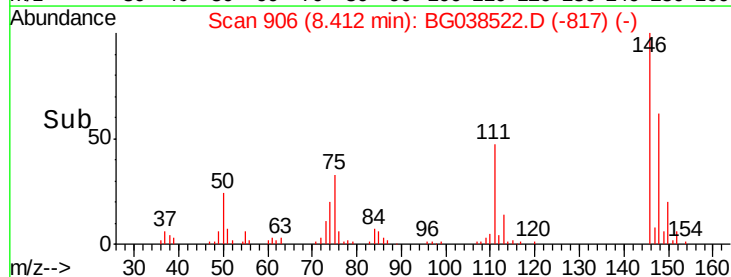
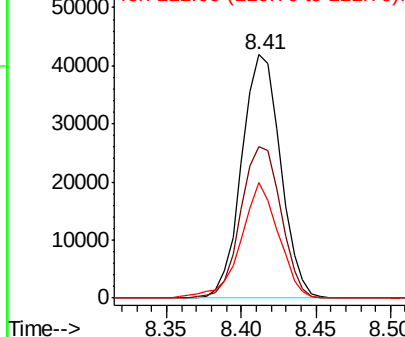


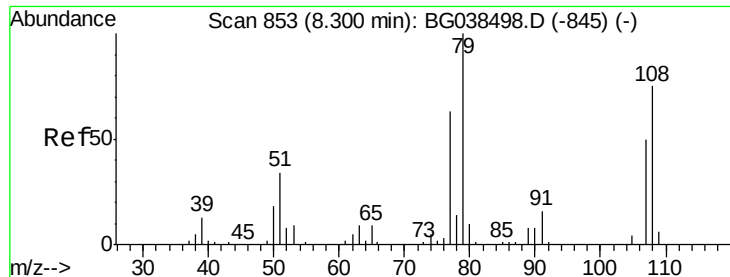
#14
 1,2-Dichlorobenzene
 Concen: 41.962 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion:146 Resp: 75571
 Ion Ratio Lower Upper
 146 100
 148 62.0 49.4 74.0
 111 47.3 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: 44.908 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampled :

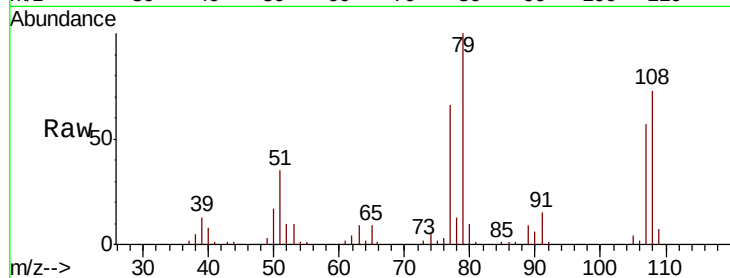
Tot Ion: 79 Resp: 65597

Ion Ratio Lower Upper

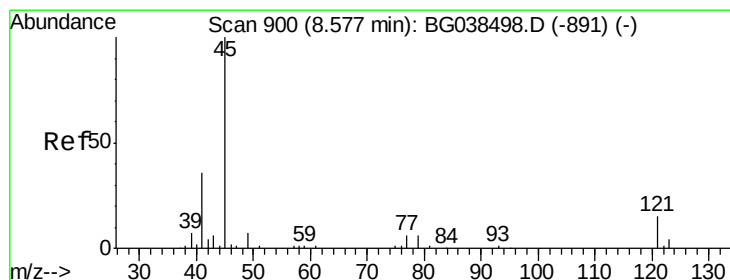
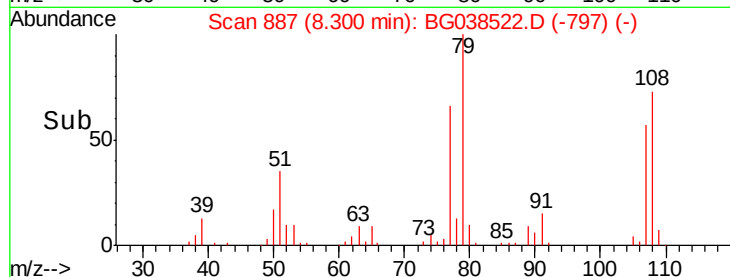
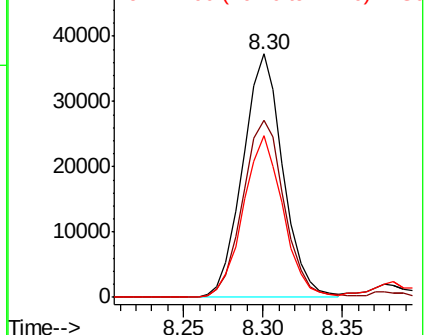
79 100

108 72.8 60.2 90.4

77 66.5 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: 42.485 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

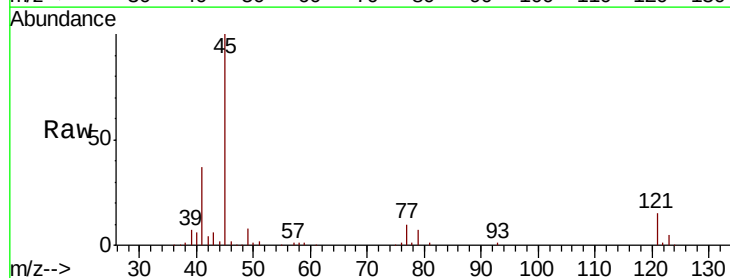
Tgt Ion: 45 Resp: 154051

Ion Ratio Lower Upper

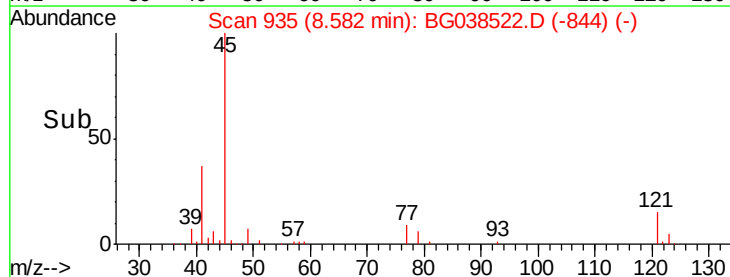
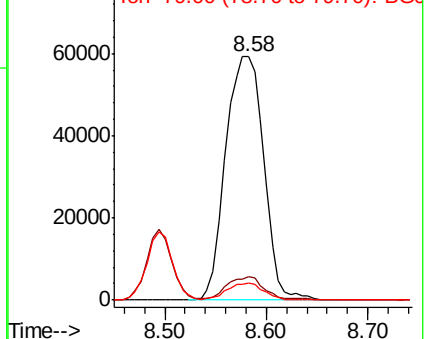
45 100

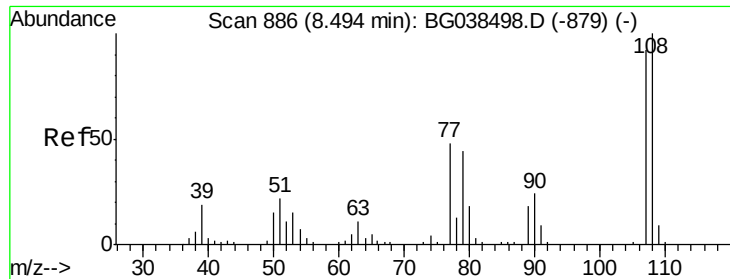
77 9.8 0.0 28.2

79 7.0 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

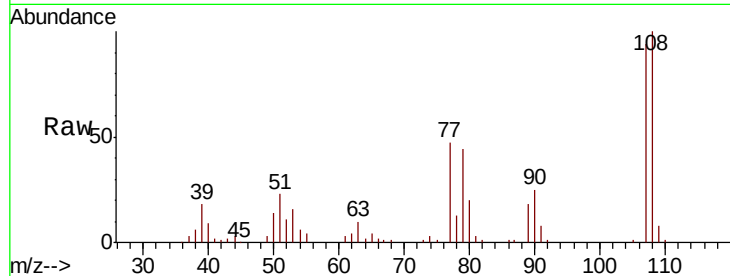




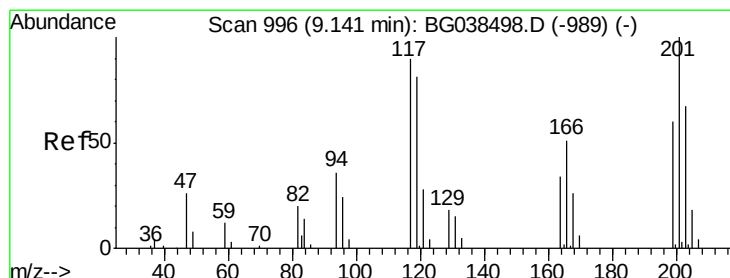
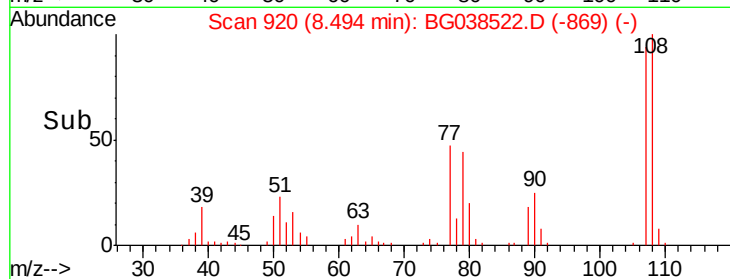
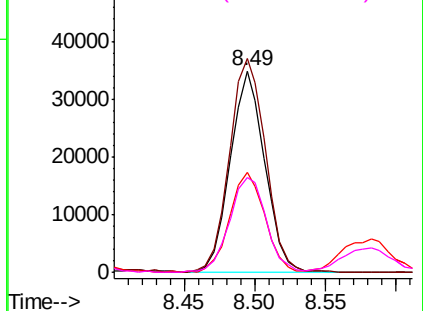
#17
2-Methylphenol
Concen: 44.663 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 59492
Ion Ratio Lower Upper
107 100
108 106.1 87.1 130.7
77 49.5 42.0 63.0
79 47.1 38.2 57.2

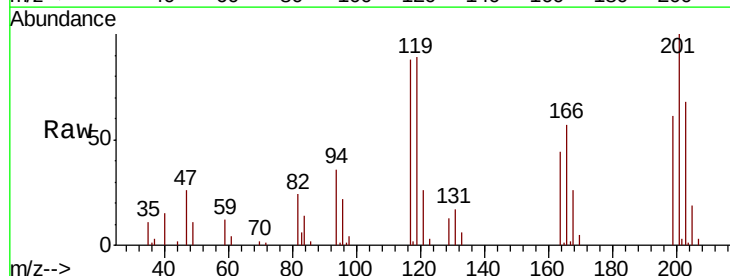


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

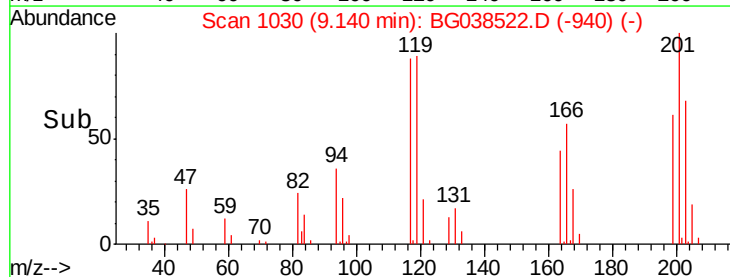
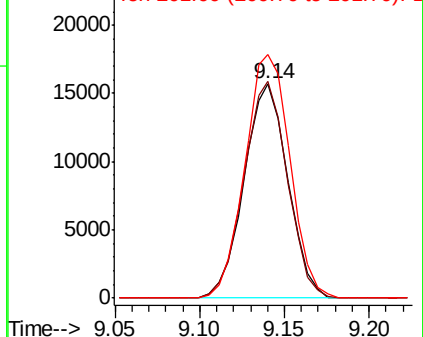


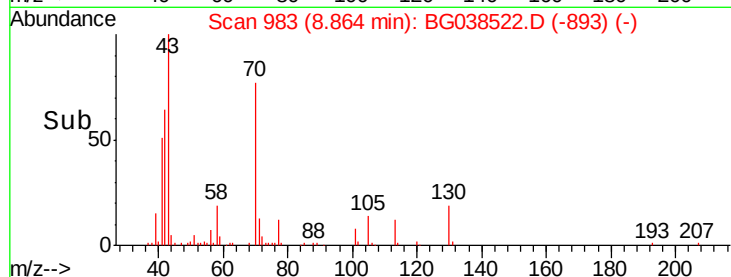
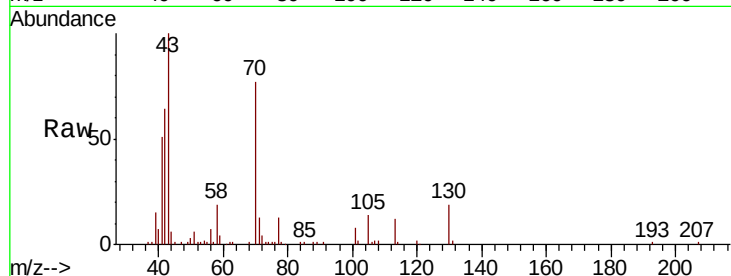
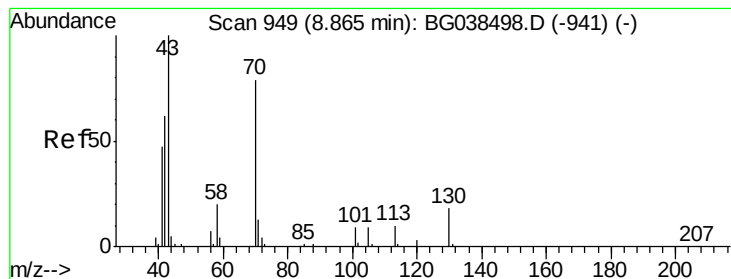
#18
Hexachloroethane
Concen: 40.433 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:117 Resp: 28224
Ion Ratio Lower Upper
117 100
119 100.7 73.8 110.8
201 116.5 89.4 134.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 44.442 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 58412

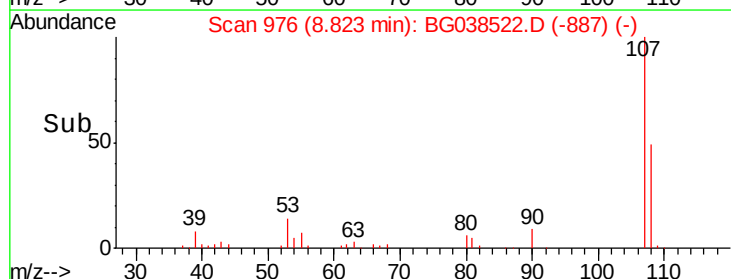
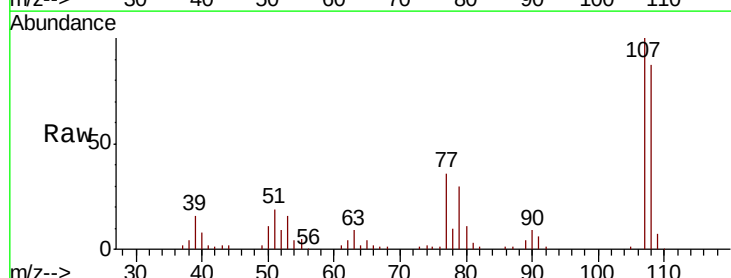
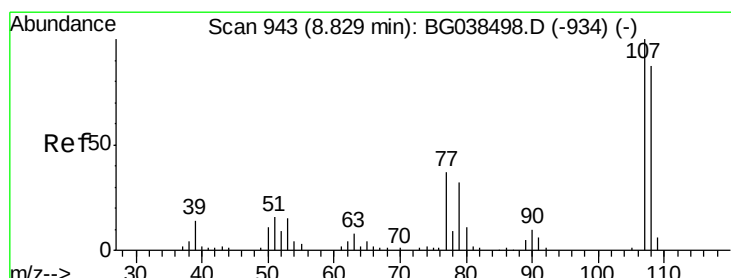
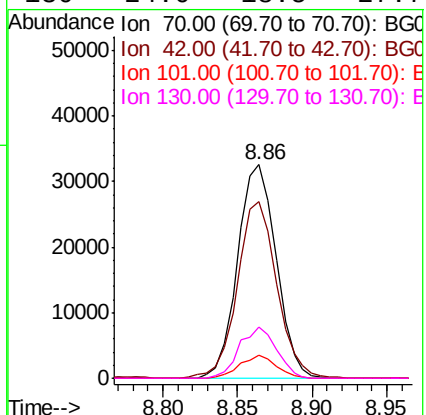
Ion Ratio Lower Upper

70 100

42 82.6 63.6 95.4

101 10.7 9.2 13.8

130 24.0 18.5 27.7



#20

3+4-Methylphenols

Concen: 45.807 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Tgt Ion: 107 Resp: 84267

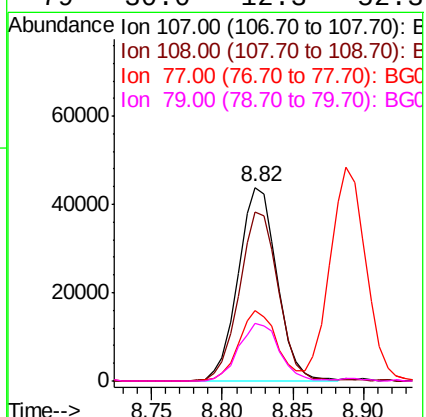
Ion Ratio Lower Upper

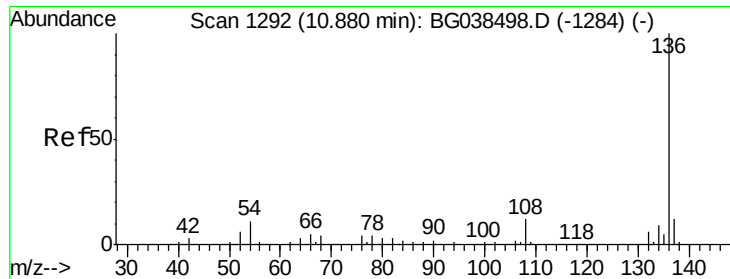
107 100

108 87.0 66.7 106.7

77 36.3 17.3 57.3

79 30.0 12.3 52.3

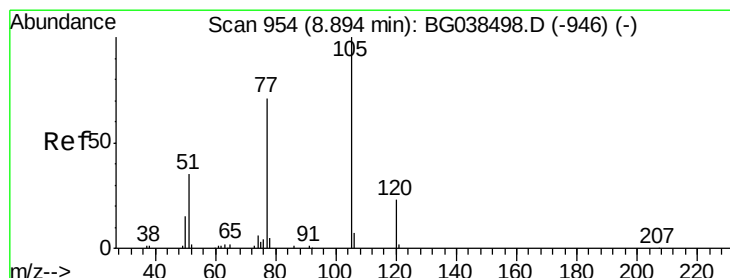
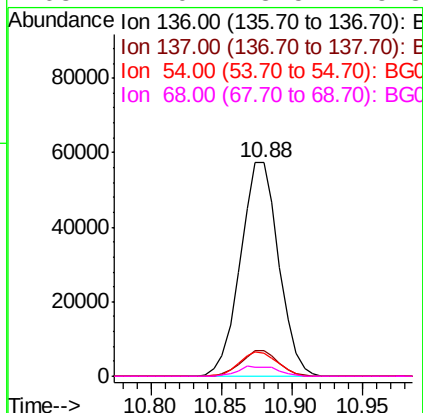
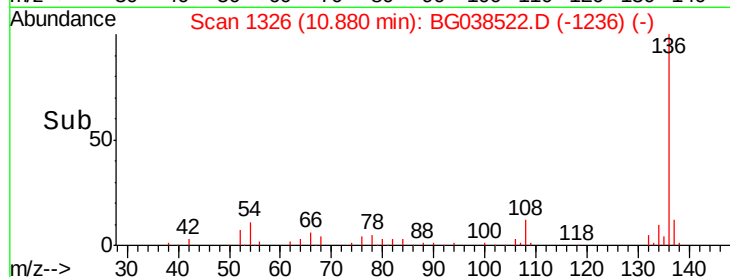
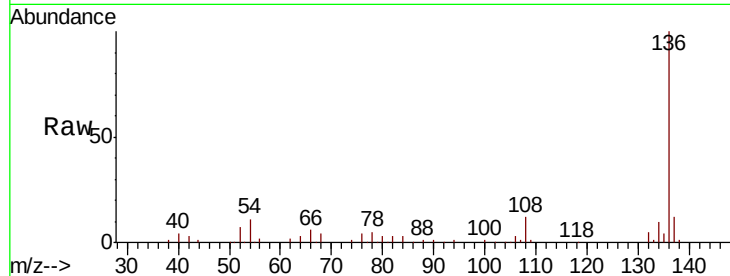




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

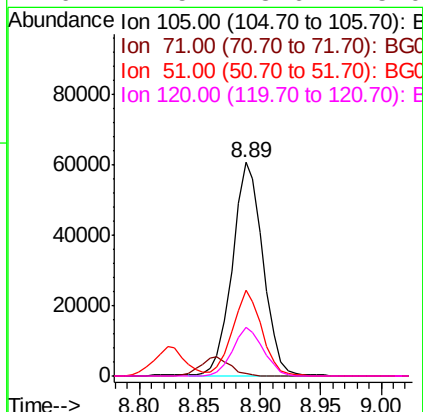
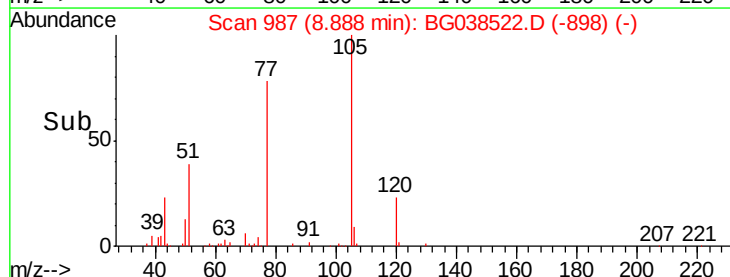
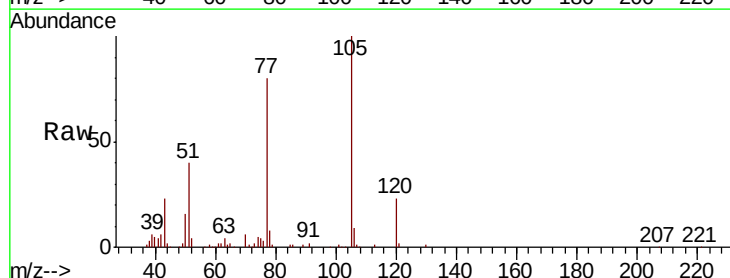
Instrument :
BNA_G
ClientSampleId :

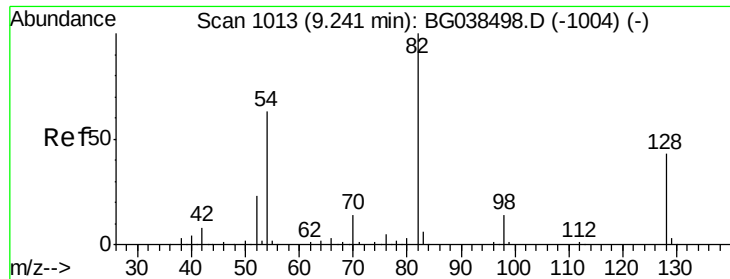
Tot Ion:136	Resp:	108905
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.3 13.9
54	10.8	8.5 12.7
68	4.0	3.5 5.3



#22
Acetophenone
Concen: 39.447 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:105	Resp:	107305
Ion Ratio	Lower	Upper
105	100	
71	1.0	0.4 0.6#
51	39.9	30.6 46.0
120	22.5	18.6 28.0

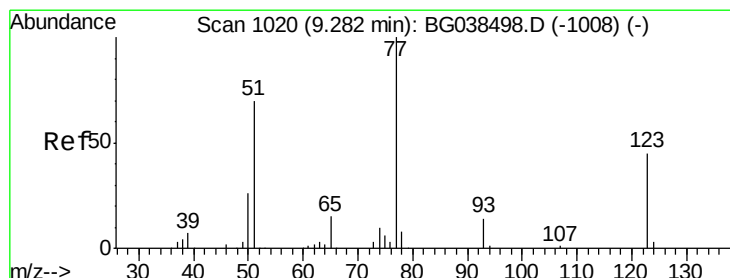
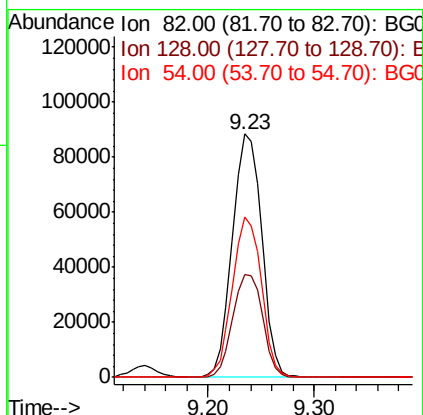
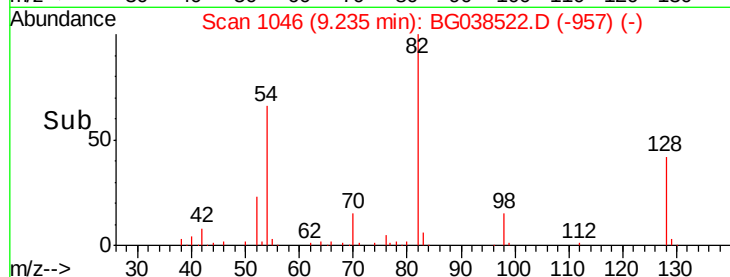
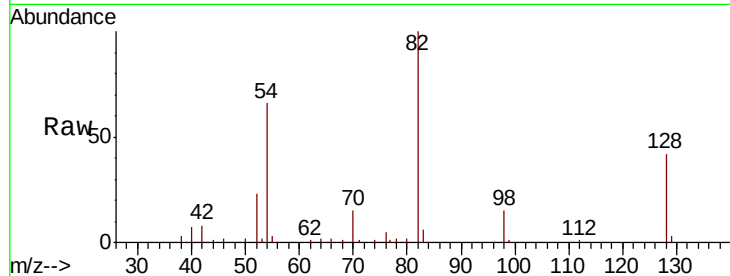




#23
Nitrobenzene-d5
Concen: 80.106 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

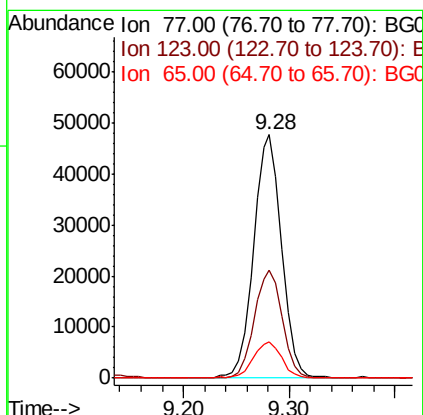
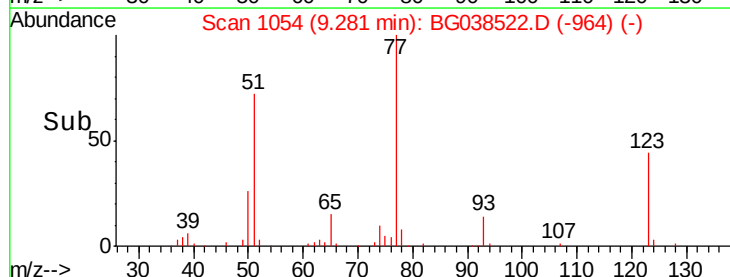
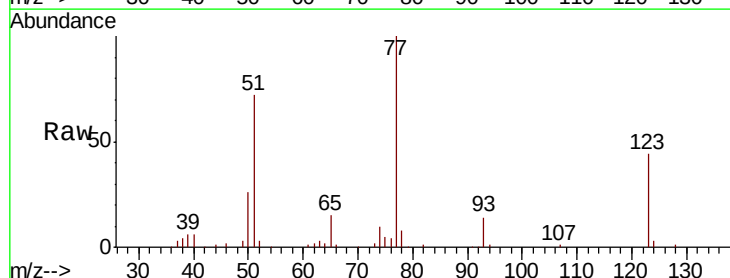
Instrument :
BNA_G
ClientSampled :

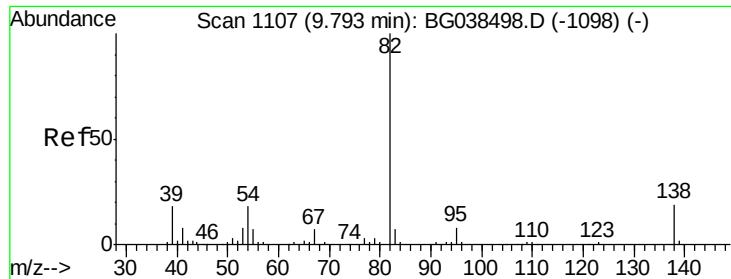
Tot Ion: 82 Resp: 170765
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 65.9 50.6 76.0



#24
Nitrobenzene
Concen: 40.615 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion: 77 Resp: 87589
Ion Ratio Lower Upper
77 100
123 44.4 35.9 53.9
65 15.0 12.0 18.0

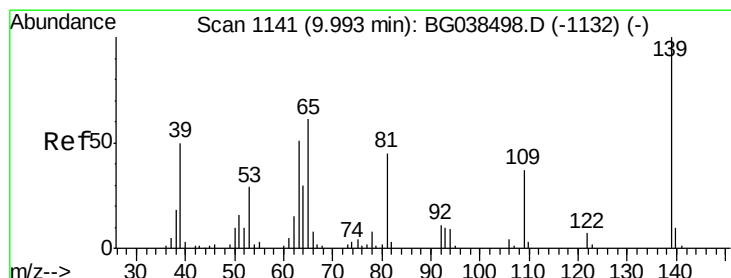
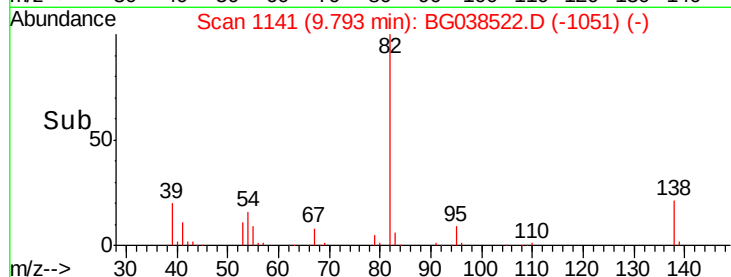
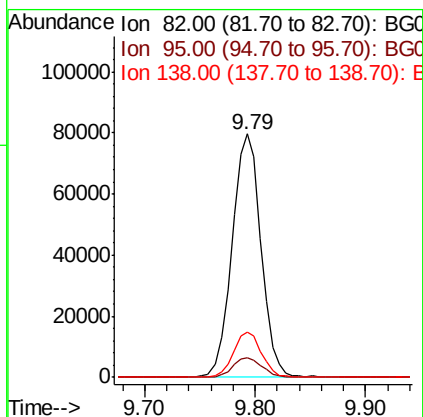
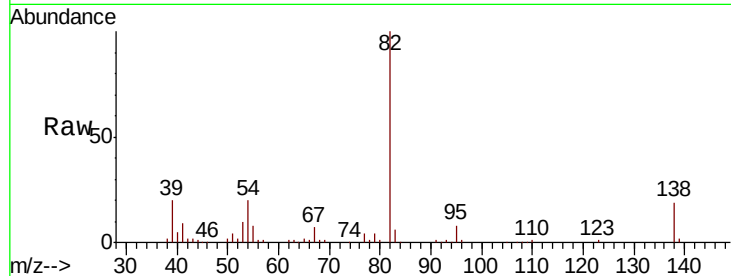




#25
Isophorone
Concen: 38.080 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

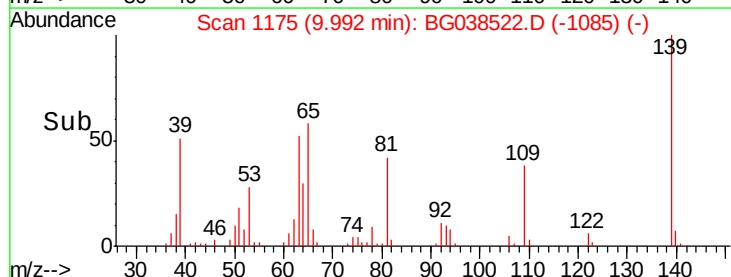
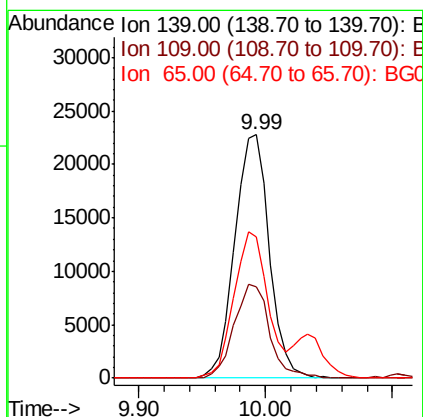
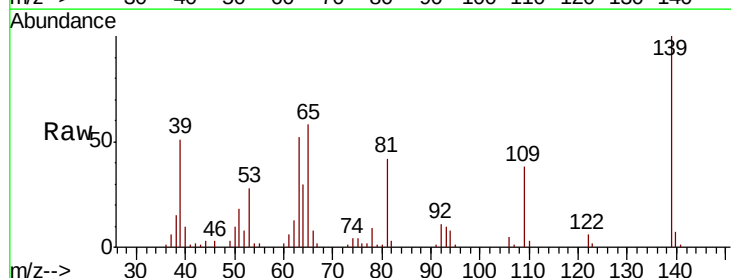
Instrument :
BNA_G
ClientSampled :

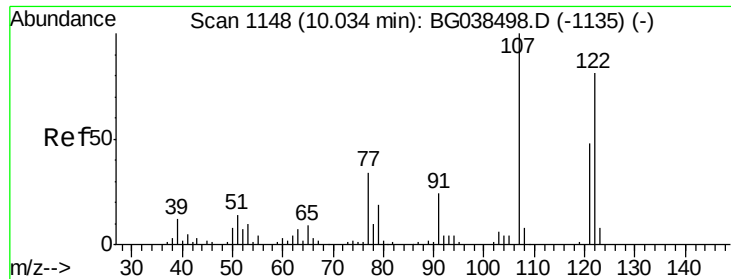
Tot Ion: 82 Resp: 145852
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 38.890 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion: 139 Resp: 42925
Ion Ratio Lower Upper
139 100
109 37.7 29.5 44.3
65 58.2 48.5 72.7

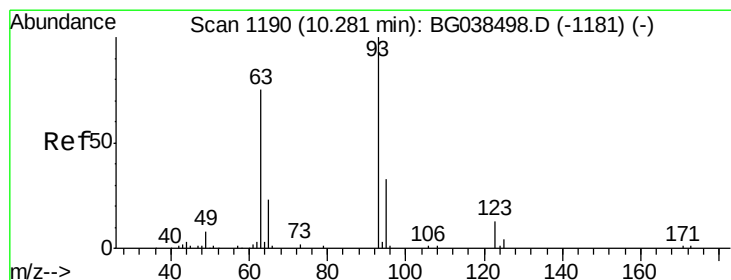
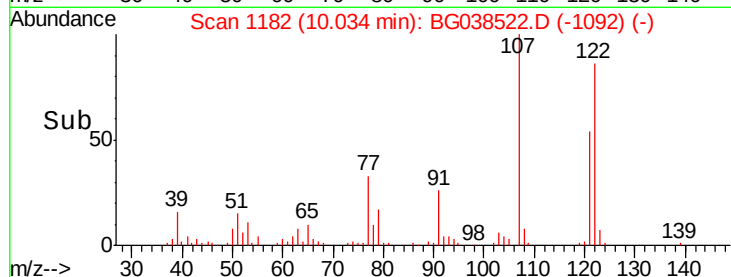
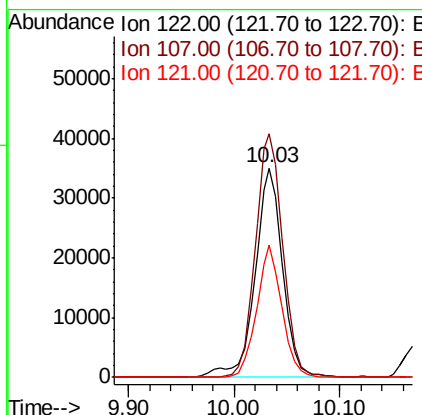
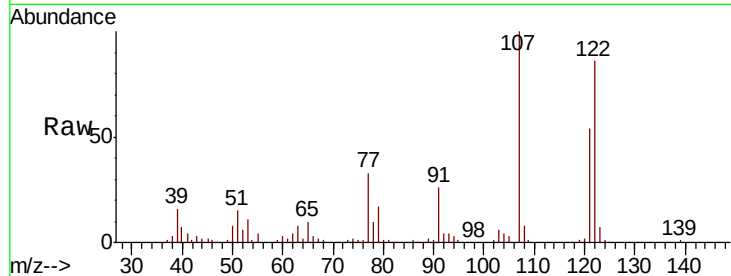




#27
2,4-Dimethylphenol
Concen: 40.211 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

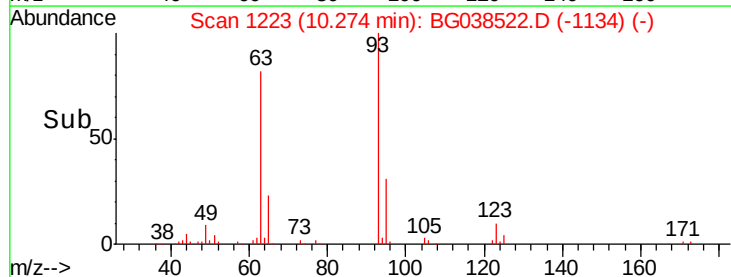
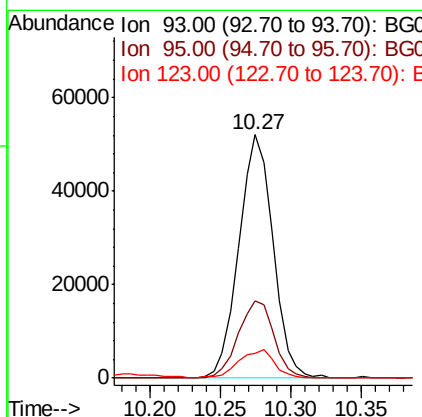
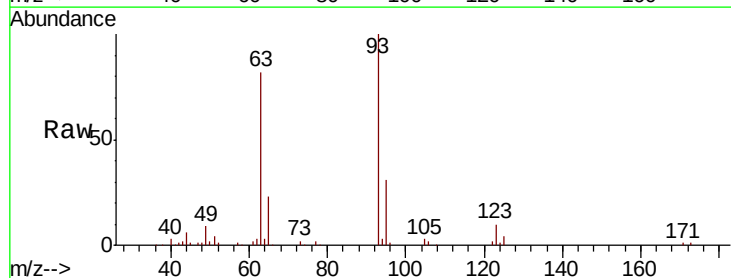
Instrument :
BNA_G
ClientSampleId :

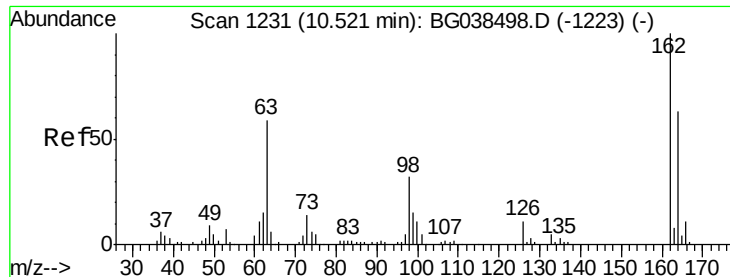
Tot Ion:122 Resp: 63608
Ion Ratio Lower Upper
122 100
107 116.2 98.4 147.6
121 63.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.838 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion: 93 Resp: 88269
Ion Ratio Lower Upper
93 100
95 31.5 26.6 40.0
123 10.1 10.6 16.0#

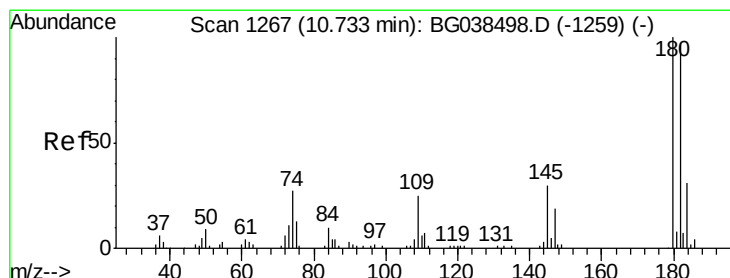
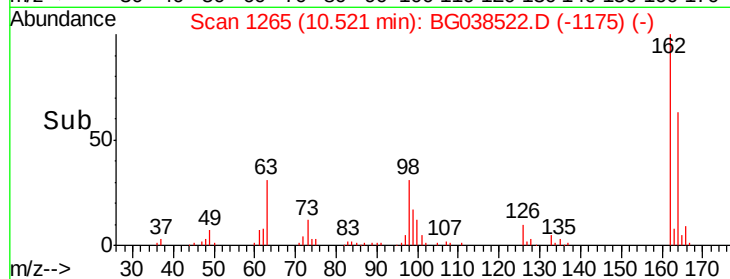
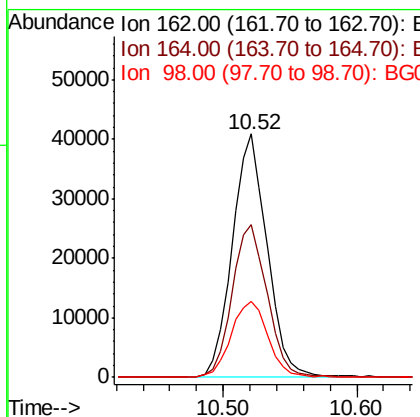
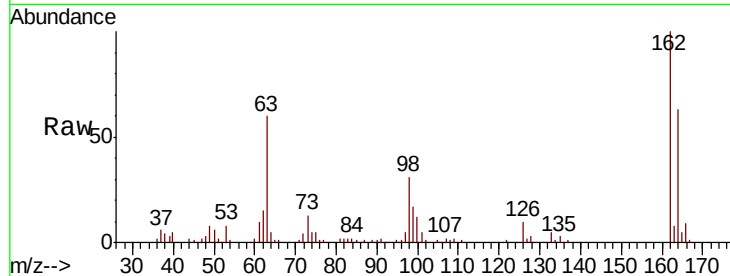




#29
 2,4-Dichlorophenol
 Concen: 41.918 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

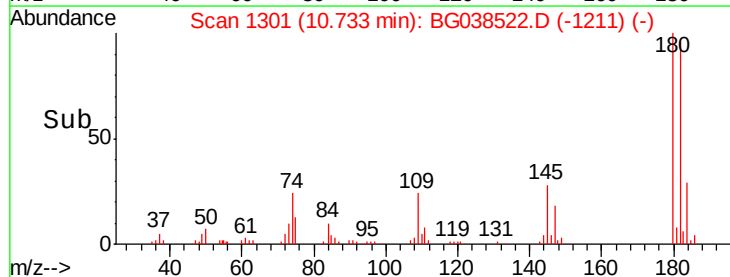
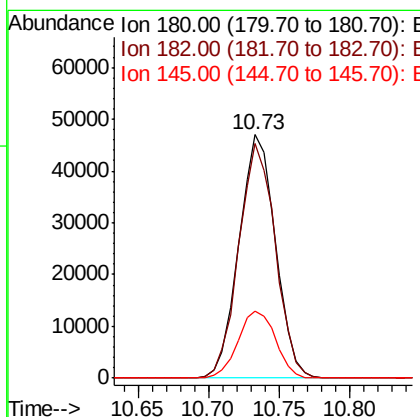
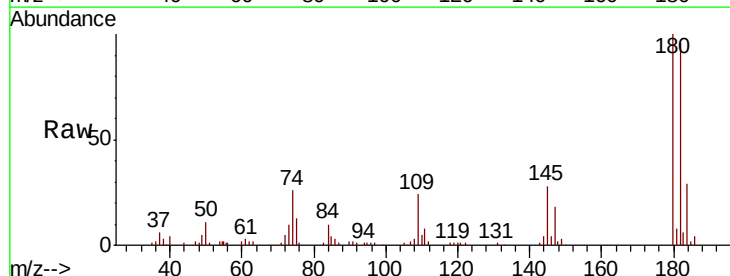
Instrument :
 BNA_G
 ClientSampled :

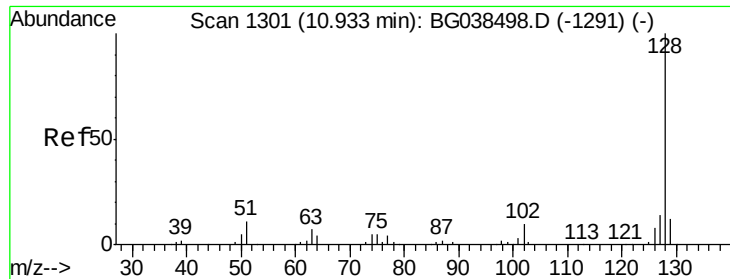
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.9	82.9
98	31.3	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.016 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.4	116.0
145	27.6	24.1	36.1

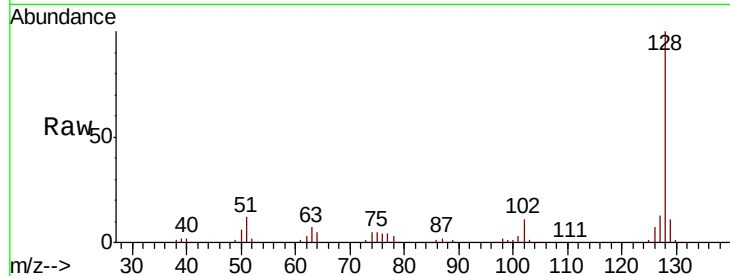




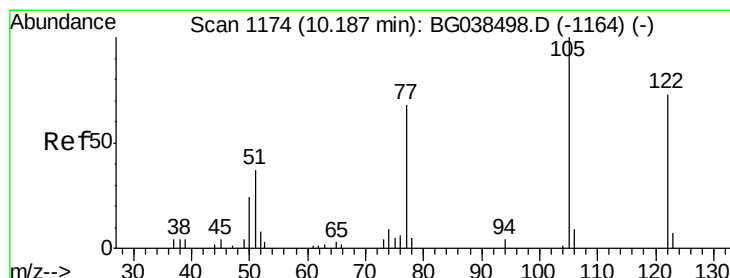
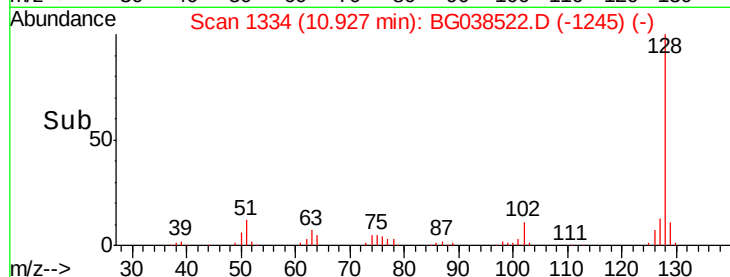
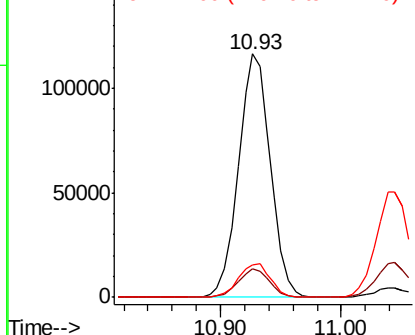
#31
Naphthalene
Concen: 39.651 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 212759
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.4 10.9 16.3

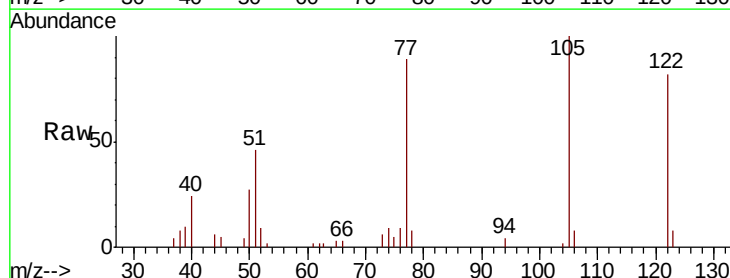


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

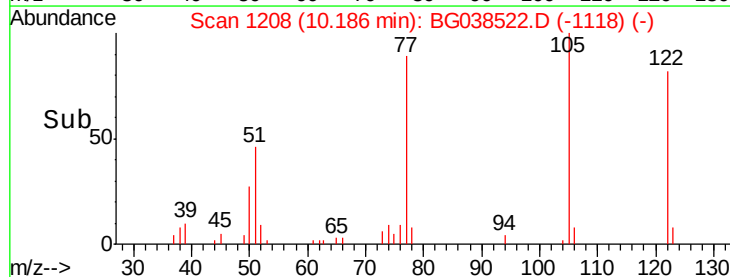
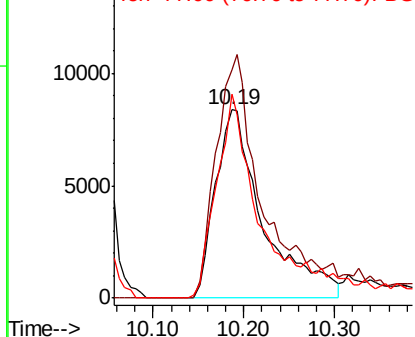


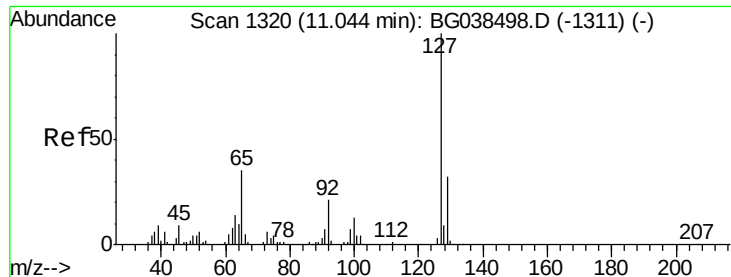
#32
Benzoic acid
Concen: 34.245 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:122 Resp: 30696
Ion Ratio Lower Upper
122 100
105 121.3 116.7 156.7
77 108.4 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): BGO

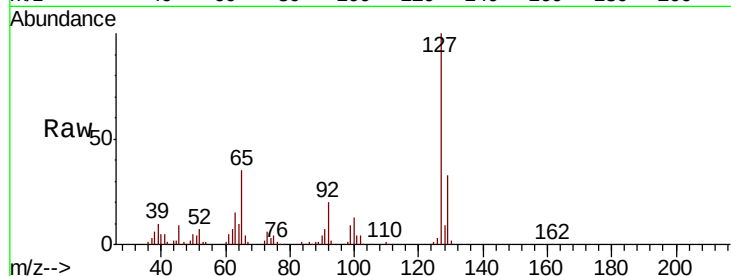




#33
4-Chloroaniline
Concen: 42.462 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	98920
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.8
65	35.3	27.8	41.6
92	20.0	17.0	25.6



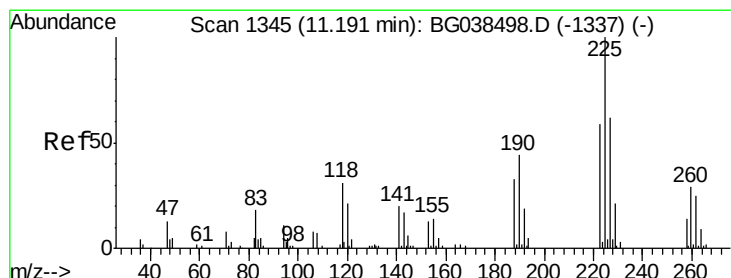
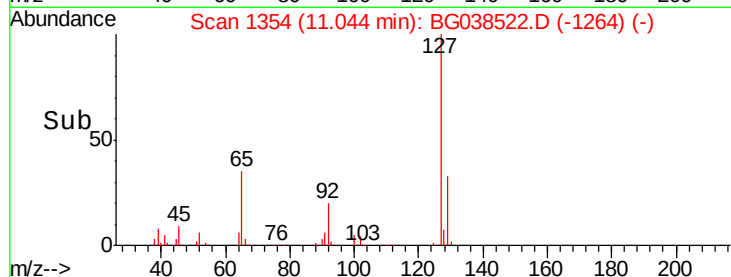
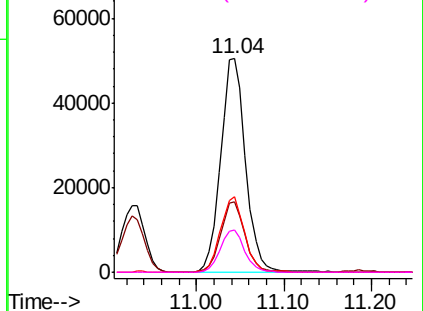
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

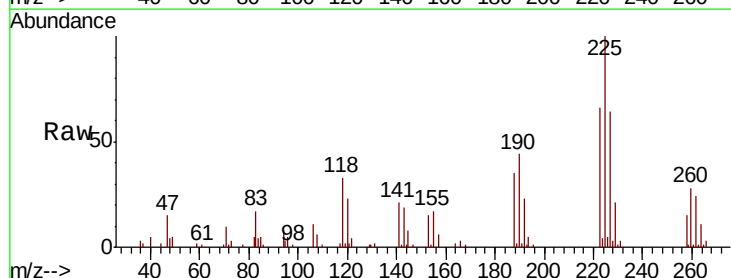
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.692 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:	225	Resp:	57091
Ion	Ratio	Lower	Upper
225	100		
223	63.1	45.0	67.6
227	64.2	50.6	75.8

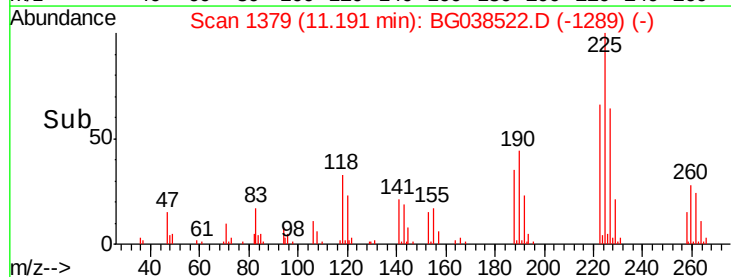
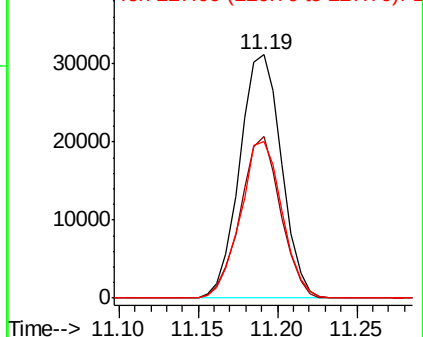


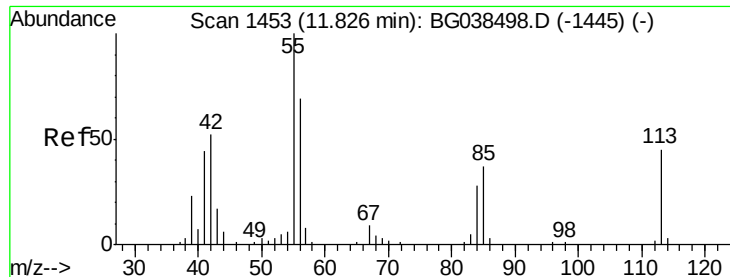
Abundance

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

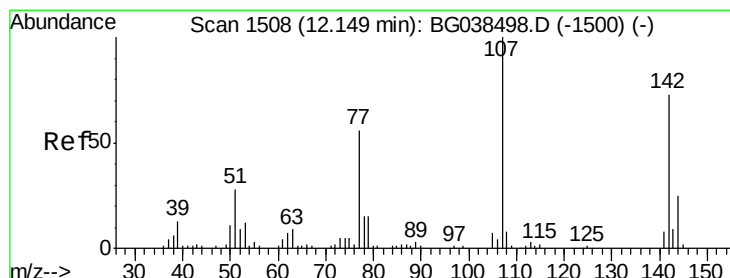
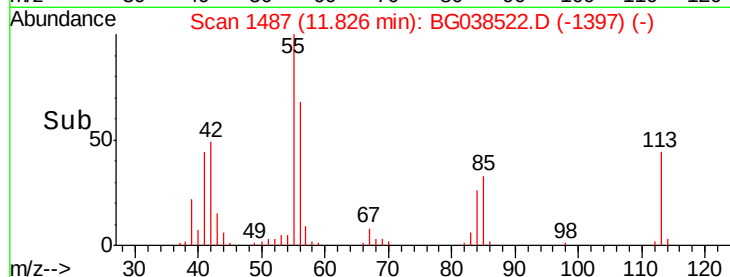
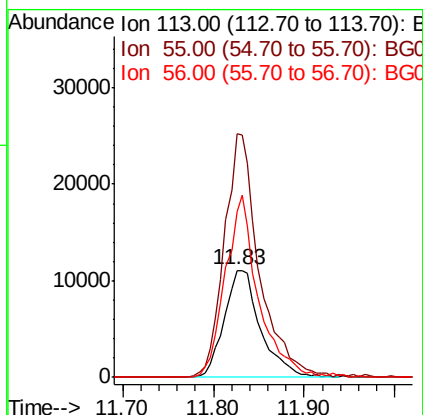
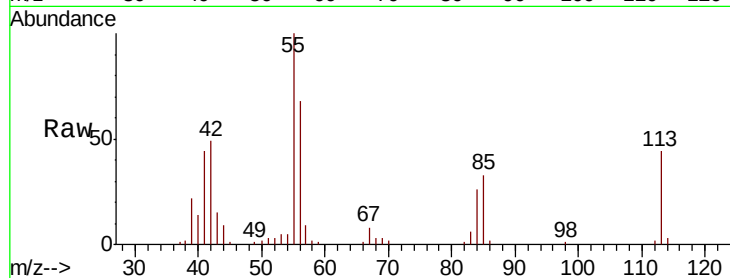




#35
 Caprolactam
 Concen: 42.339 ng
 RT: 11.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

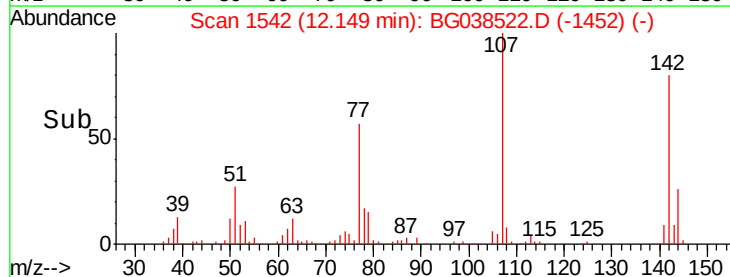
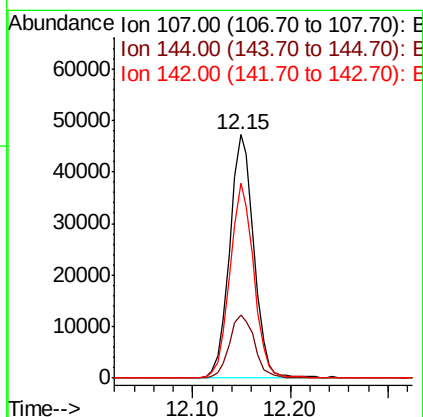
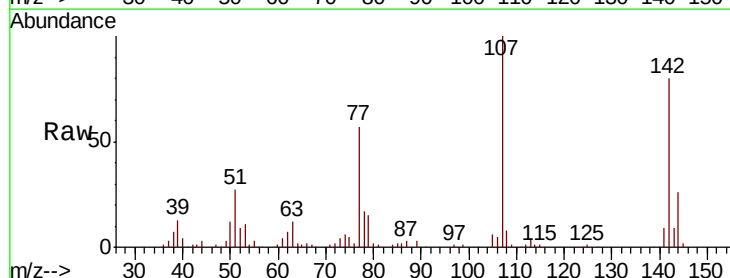
Instrument :
 BNA_G
 ClientSampled :

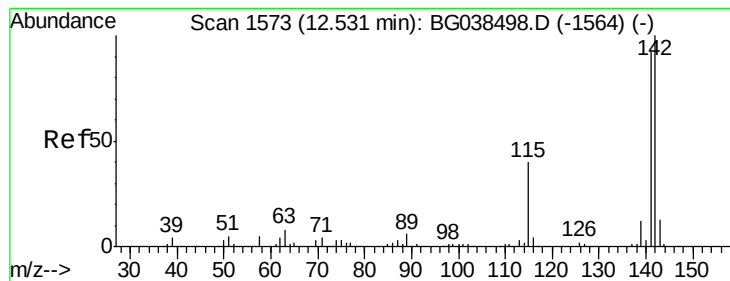
Tot Ion:113 Resp: 30835
 Ion Ratio Lower Upper
 113 100
 55 227.5 204.3 244.3
 56 154.6 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.469 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion:107 Resp: 81272
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.1 30.1
 142 80.3 58.7 88.1

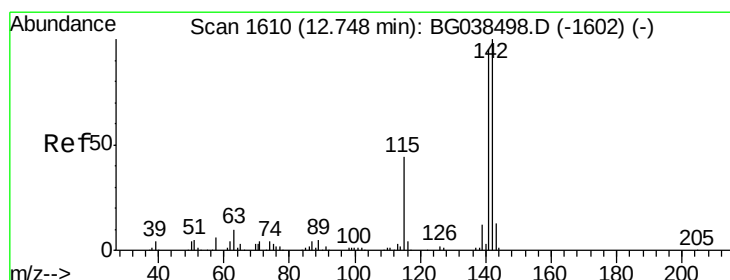
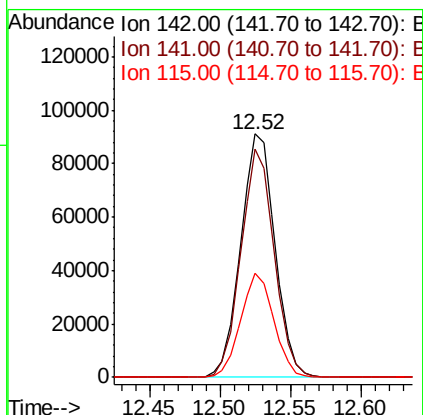
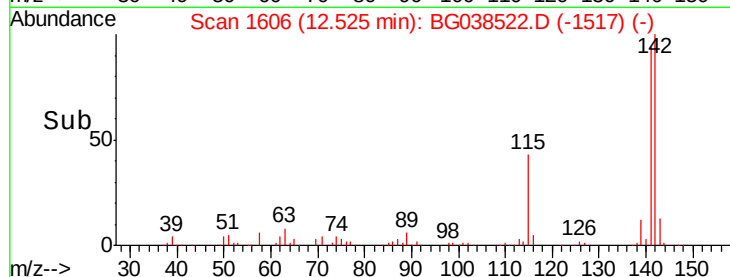
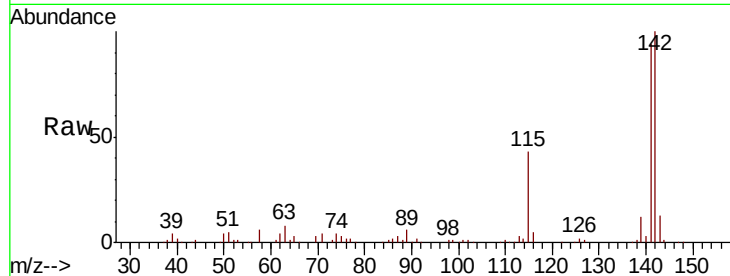




#37
 2-Methylnaphthalene
 Concen: 40.389 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

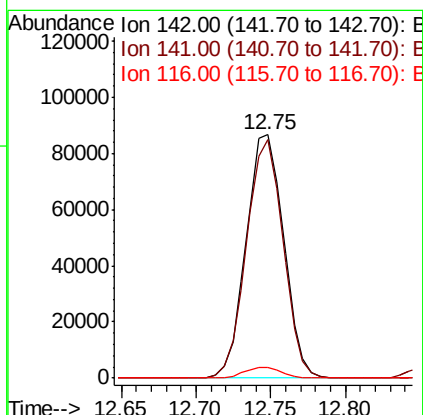
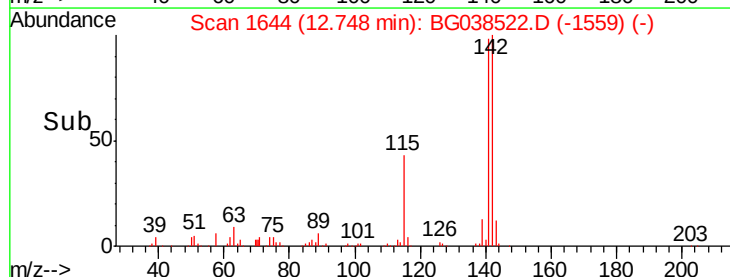
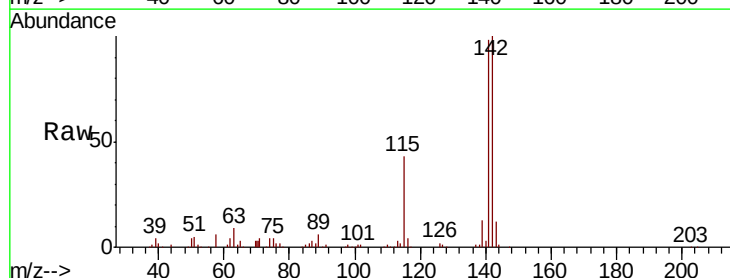
Instrument :
 BNA_G
 ClientSampleId :

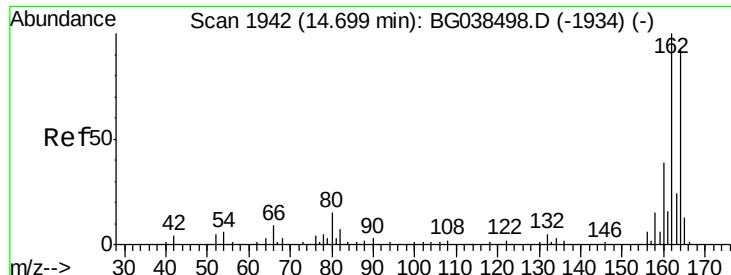
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.5	110.3
115	42.8	31.7	47.5



#38
 1-Methylnaphthalene
 Concen: 40.527 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.2	75.8	113.8
116	4.5	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

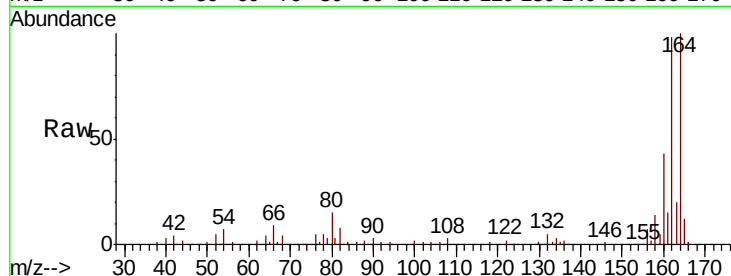
Tot Ion:164 Resp: 73597

Ion Ratio Lower Upper

164 100

162 98.2 86.6 130.0

160 42.5 34.2 51.2

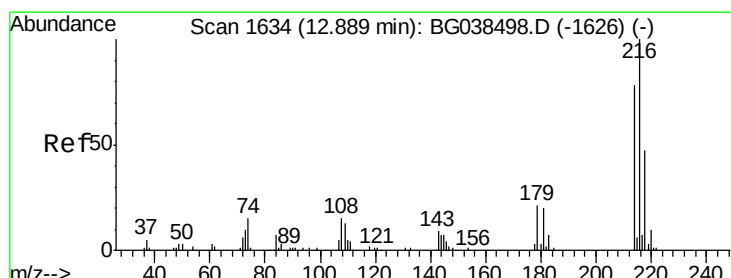
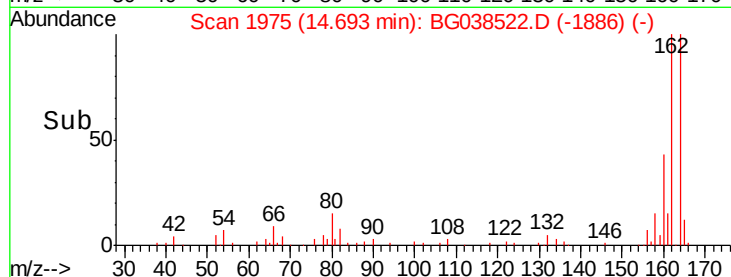
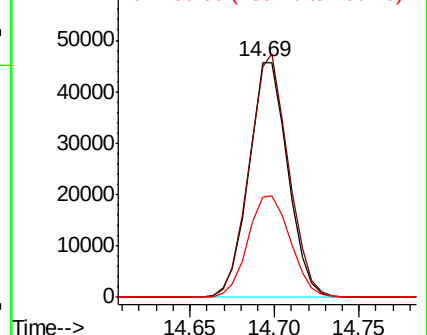


Abundance

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: 39.386 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Tgt Ion:216 Resp: 108353

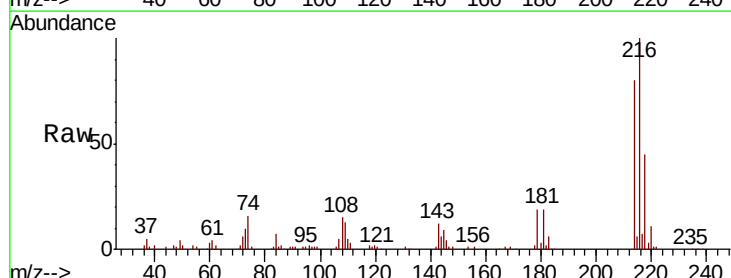
Ion Ratio Lower Upper

216 100

214 79.4 64.1 96.1

179 19.7 16.4 24.6

108 16.4 13.9 20.9



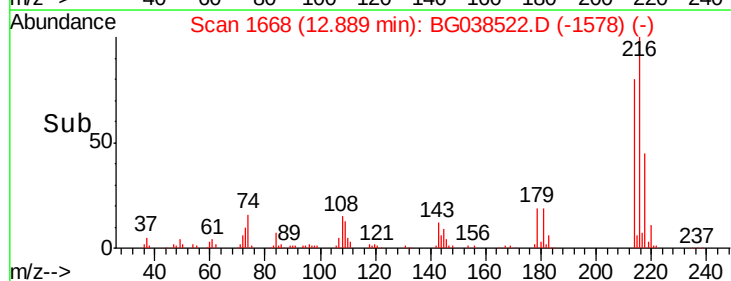
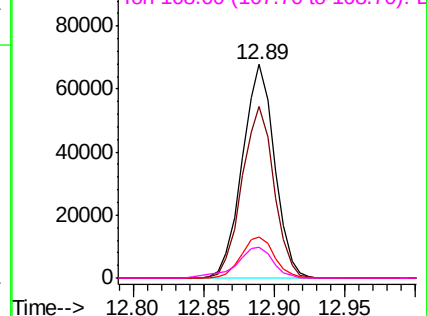
Abundance

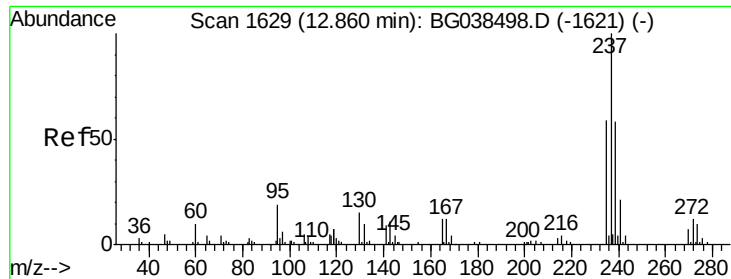
Ion 216.00 (215.70 to 216.70): E

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: 36.788 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038522.D

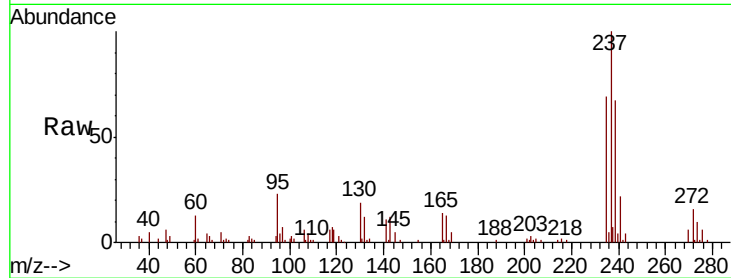
Acq: 13 Dec 2018 8:13

Instrument :

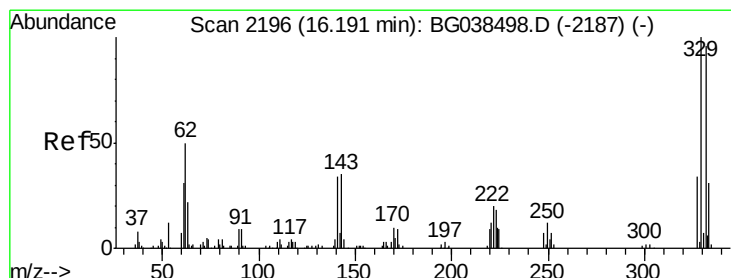
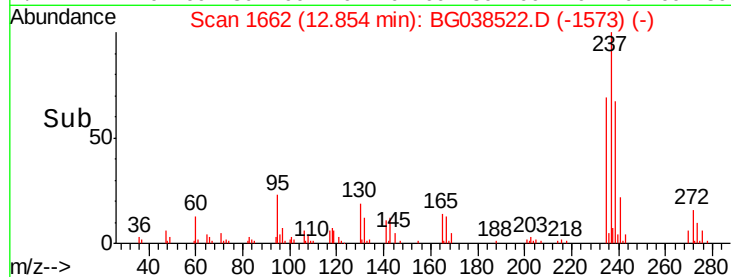
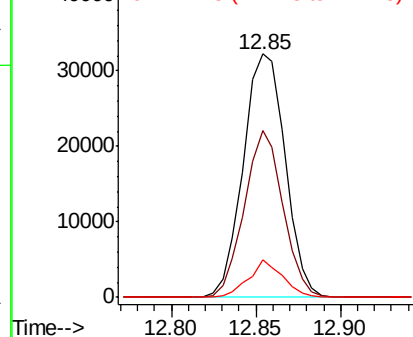
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	55602
Ion Ratio	Lower	Upper	
237	100		
235	68.8	38.8	78.8
272	15.5	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: 83.322 ng

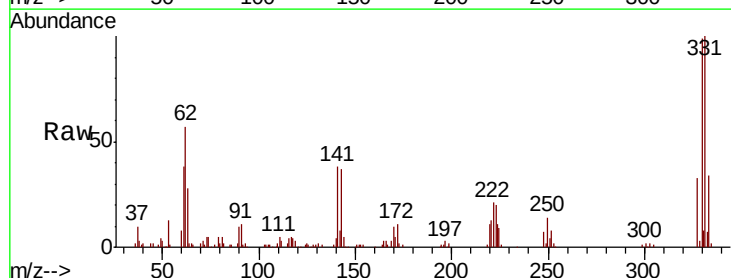
RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

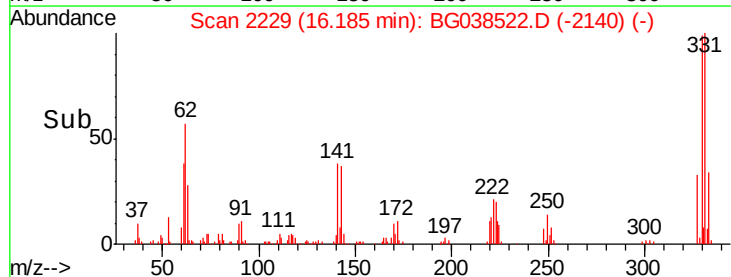
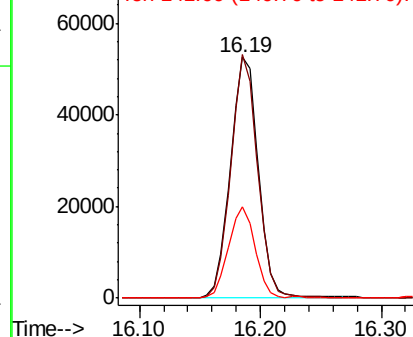
Lab File: BG038522.D

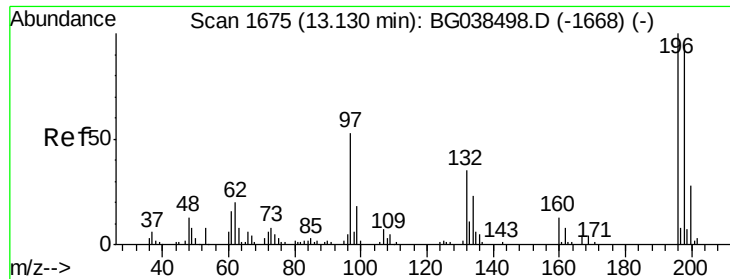
Acq: 13 Dec 2018 8:13

Tgt Ion:	330	Resp:	84513
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.9	115.3
141	36.3	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

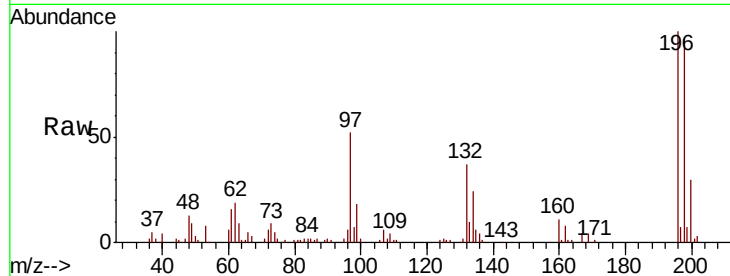




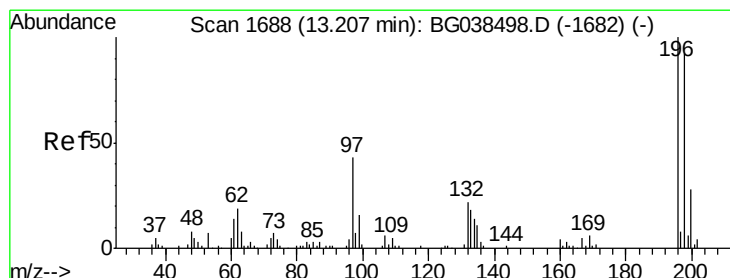
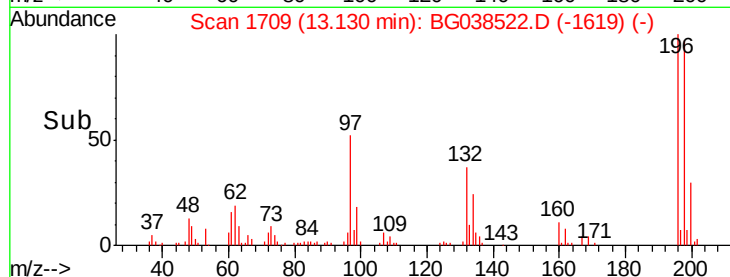
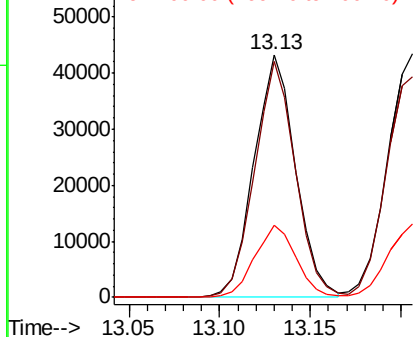
#43
 2,4,6-Trichlorophenol
 Concen: 40.644 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 68750
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.0 112.4
 200 29.8 22.4 33.6



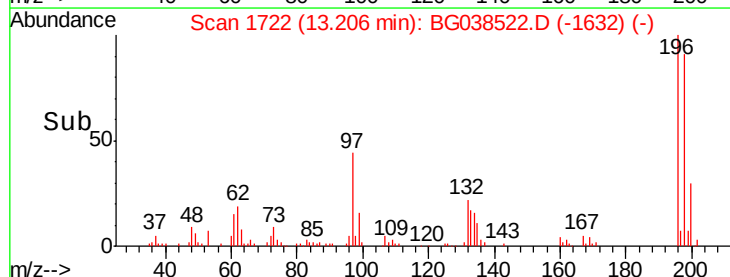
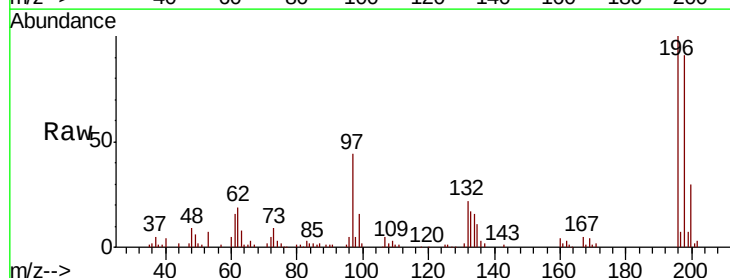
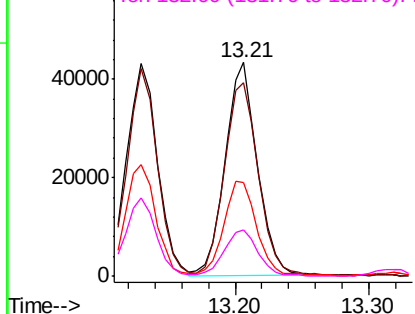
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

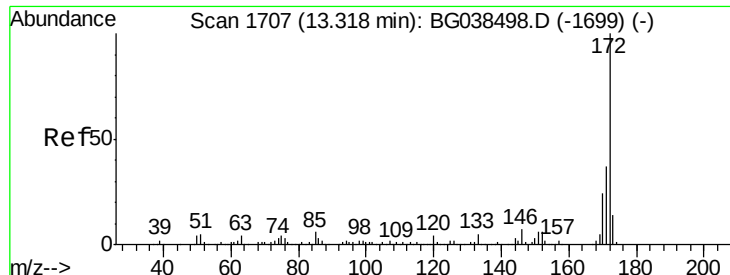


#44
 2,4,5-Trichlorophenol
 Concen: 40.776 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion:196 Resp: 73027
 Ion Ratio Lower Upper
 196 100
 198 90.6 74.0 111.0
 97 44.0 35.1 52.7
 132 21.8 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

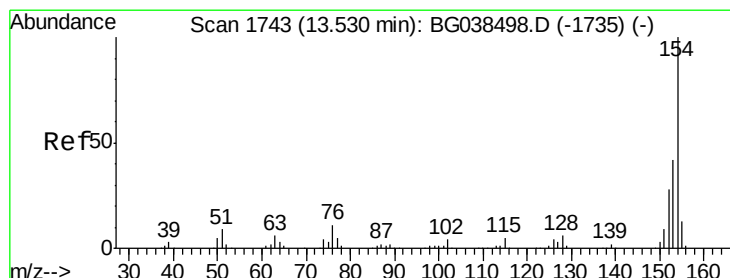
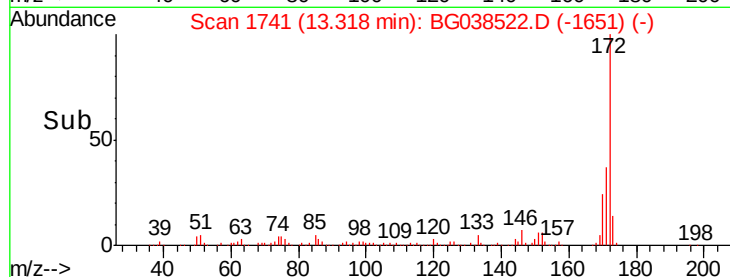
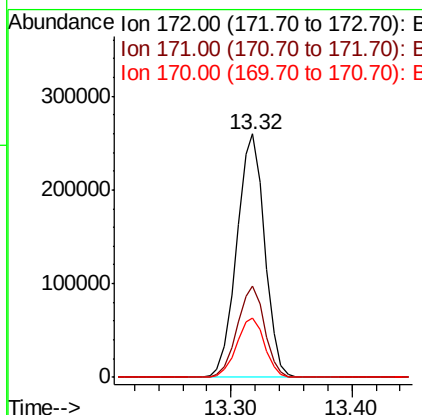
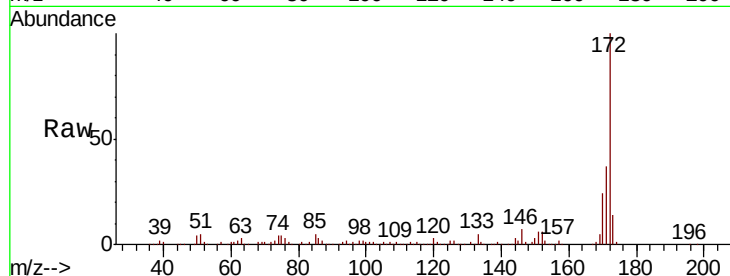




#45
2-Fluorobiphenyl
Concen: 77.486 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

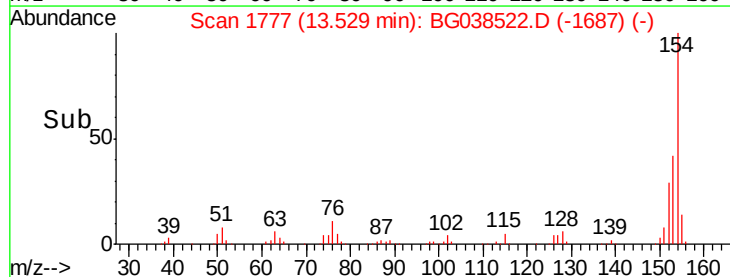
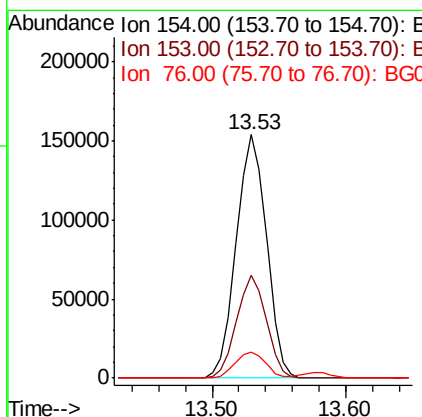
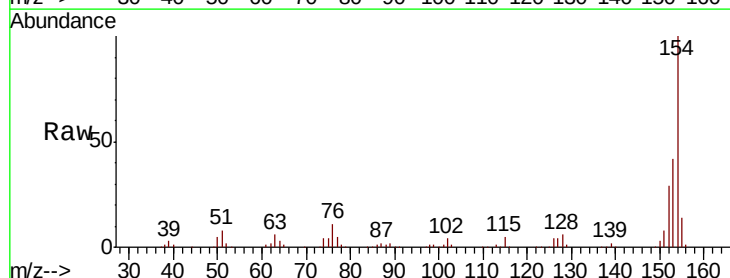
Instrument :
BNA_G
ClientSampleId :

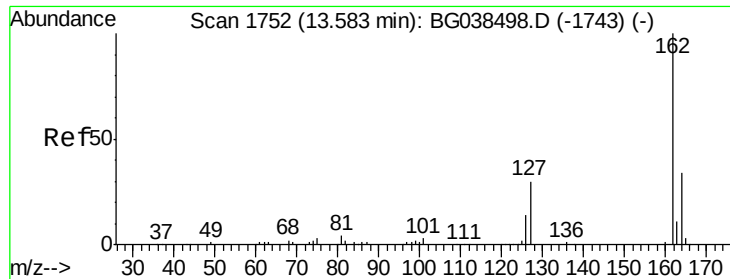
Tot Ion:172 Resp: 415697
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.3 19.5 29.3



#46
1,1'-Biphenyl
Concen: 39.086 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:154 Resp: 241152
Ion Ratio Lower Upper
154 100
153 42.2 22.1 62.1
76 10.8 0.0 31.2

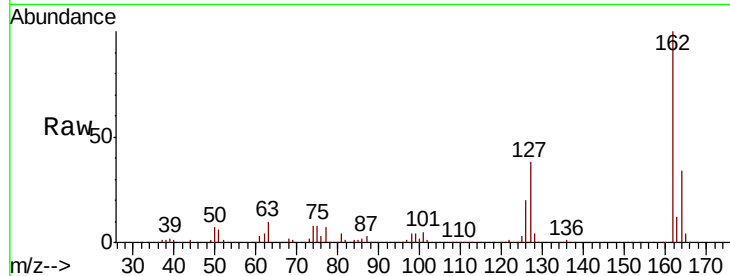




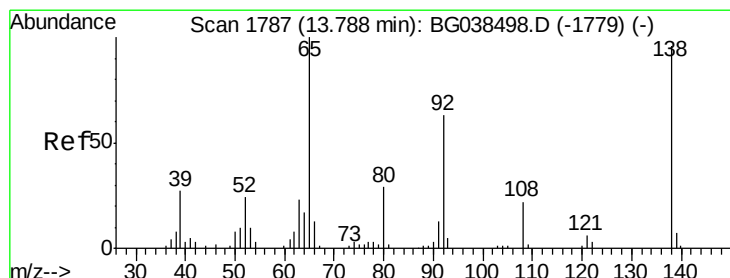
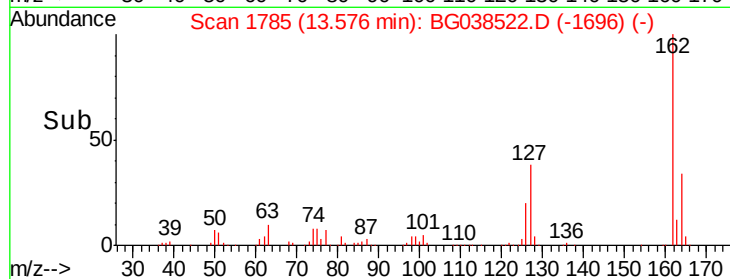
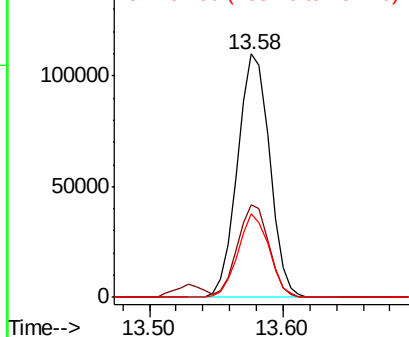
#47
 2-Chloronaphthalene
 Concen: 38.464 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	27.8	41.8
164	34.2	26.9	40.3

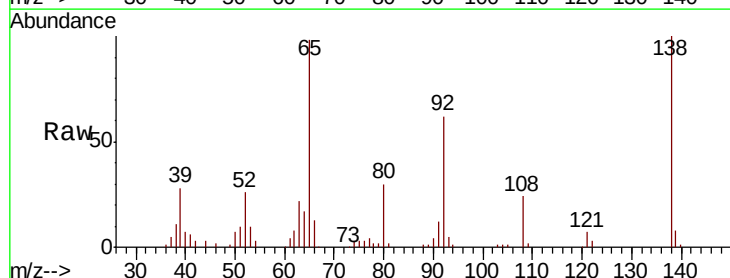


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

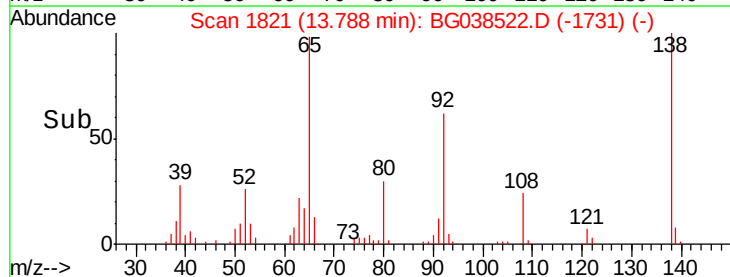
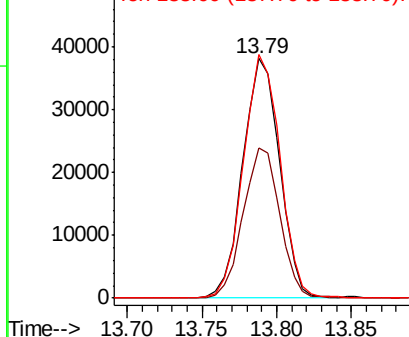


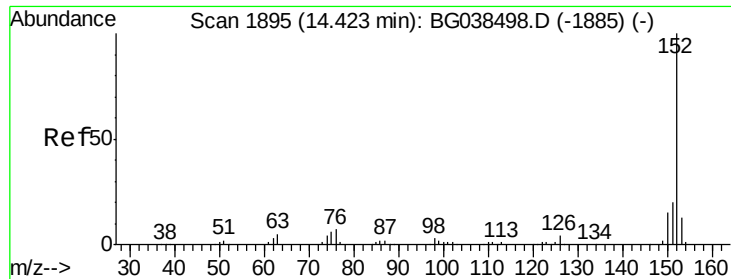
#48
 2-Nitroaniline
 Concen: 42.785 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	50.0	75.0
138	101.6	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: 39.572 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

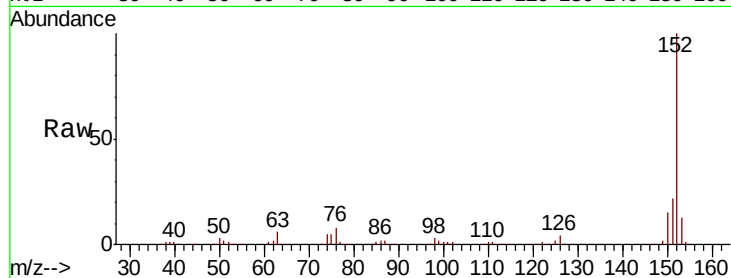
Tot Ion:152 Resp: 281940

Ion Ratio Lower Upper

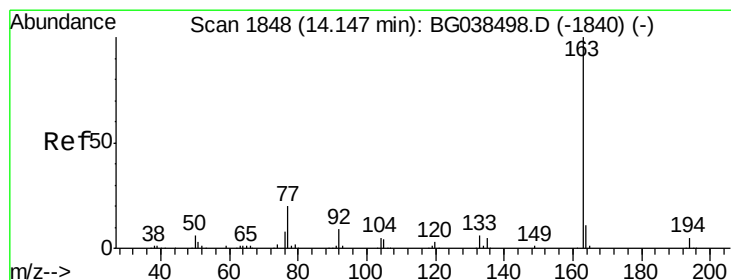
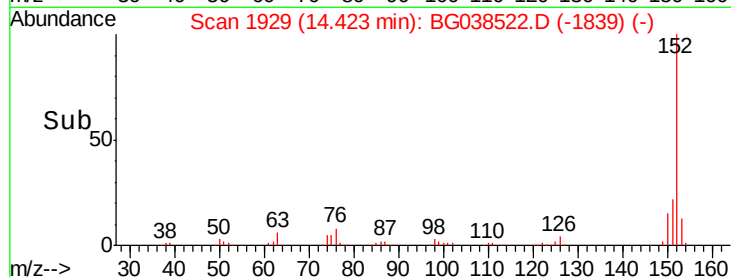
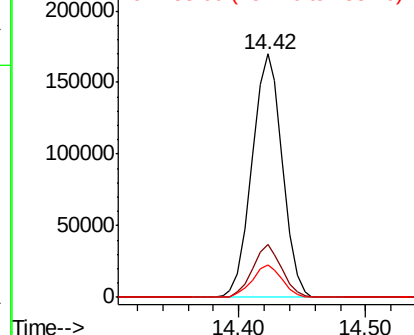
152 100

151 21.9 16.4 24.6

153 13.3 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: 40.260 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

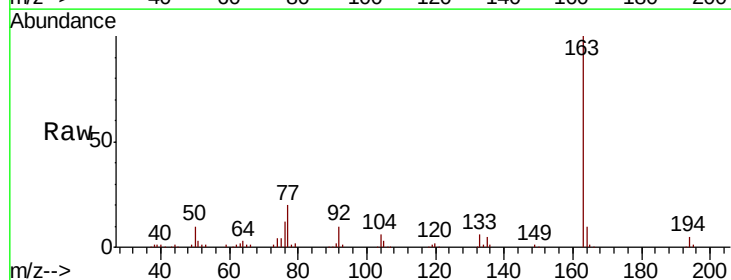
Tgt Ion:163 Resp: 241971

Ion Ratio Lower Upper

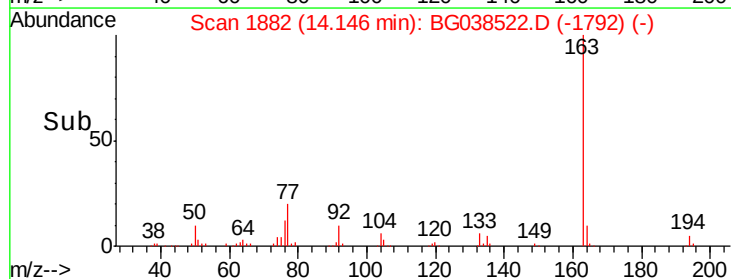
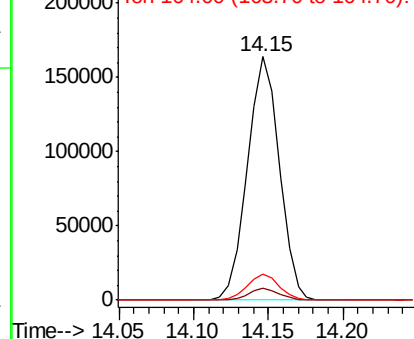
163 100

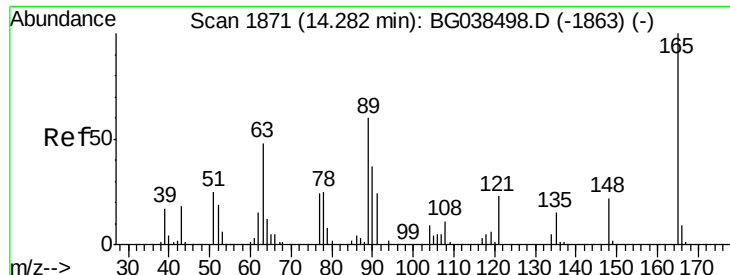
194 4.7 3.7 5.5

164 10.4 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

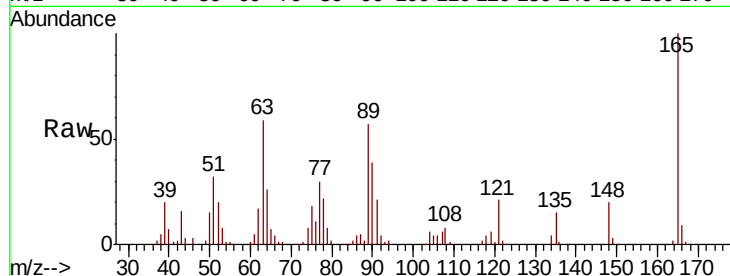




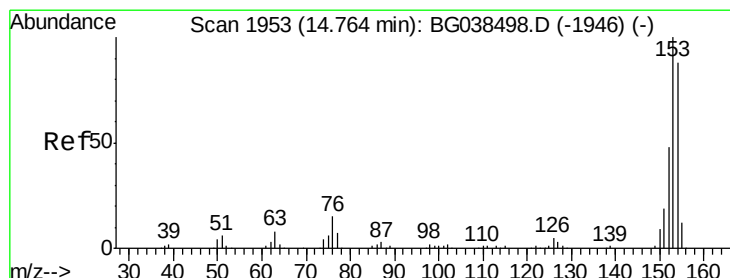
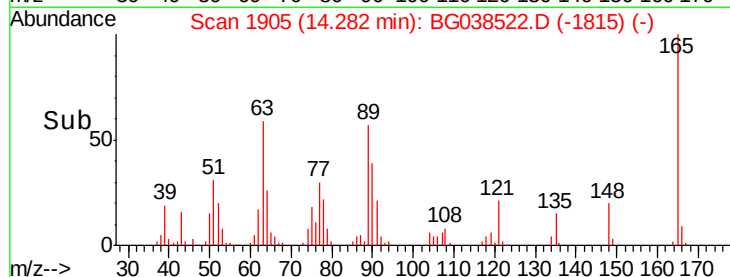
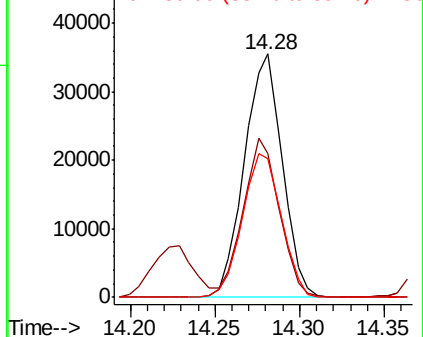
#51
 2,6-Dinitrotoluene
 Concen: 40.716 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.1	51.8	77.6
89	57.2	47.9	71.9

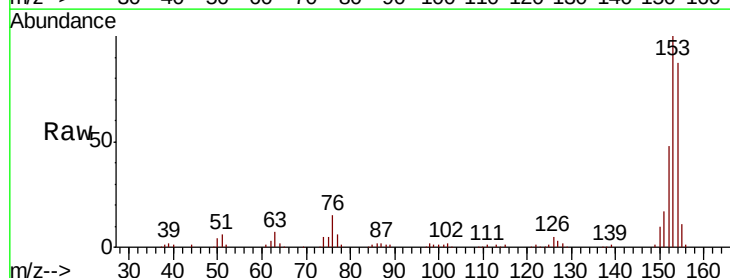


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

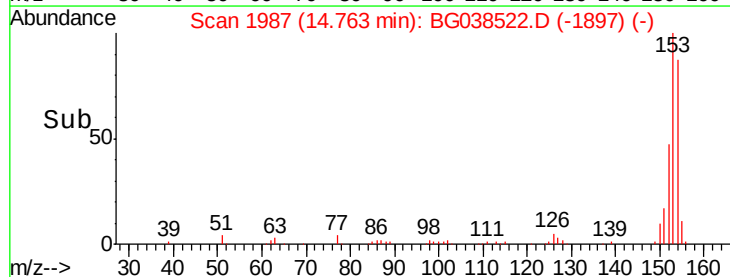
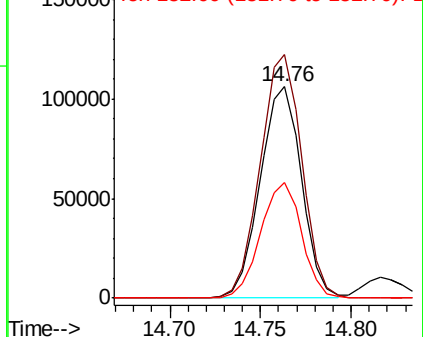


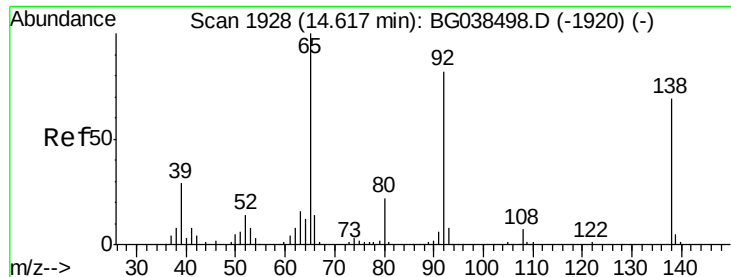
#52
 Acenaphthene
 Concen: 39.458 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	90.6	136.0
152	55.1	43.5	65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

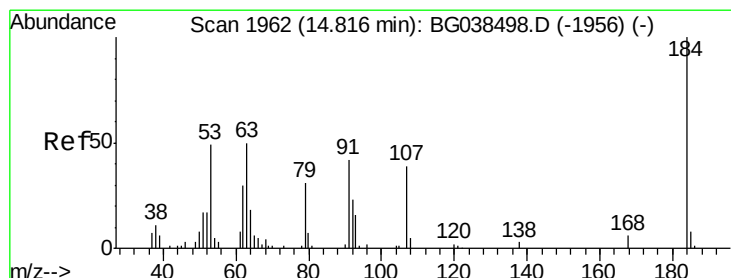
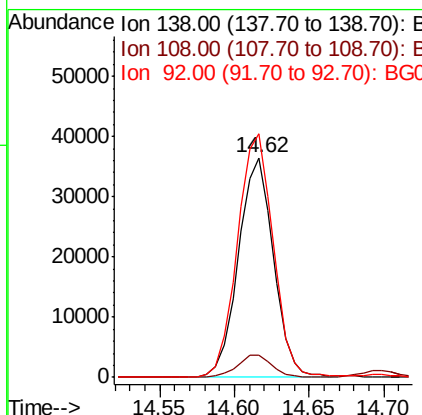
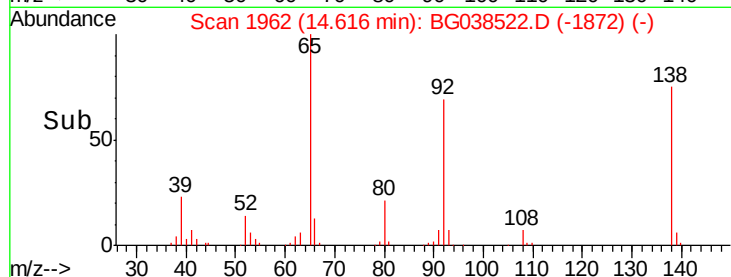
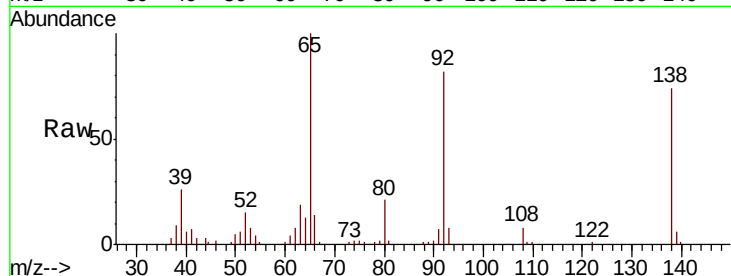




#53
3-Nitroaniline
Concen: 42.877 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

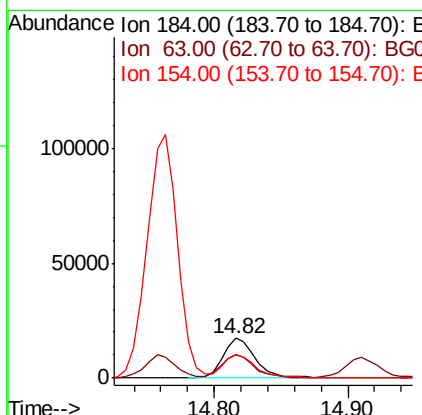
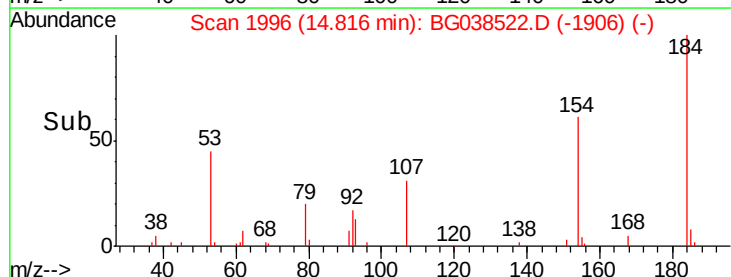
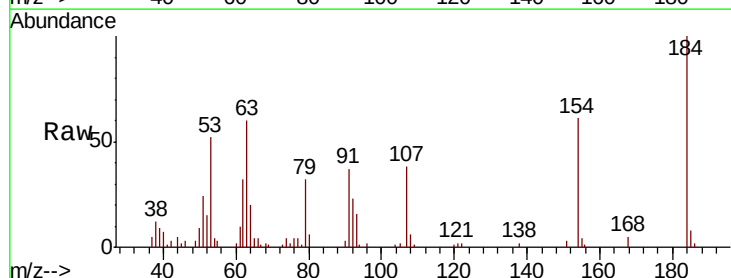
Instrument :
BNA_G
ClientSampleId :

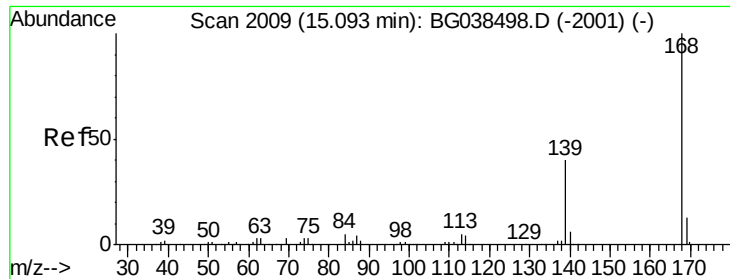
Tot Ion:138 Resp: 59531
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 111.0 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 39.101 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:184 Resp: 29392
Ion Ratio Lower Upper
184 100
63 59.9 47.0 70.6
154 60.7 50.3 75.5

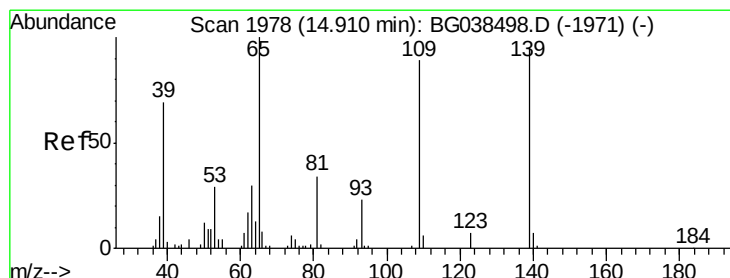
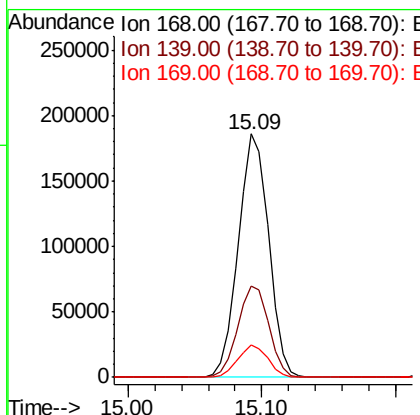
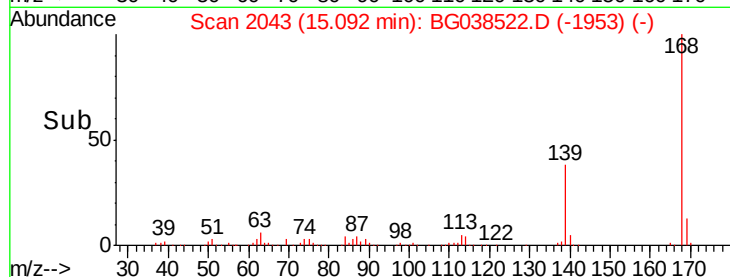
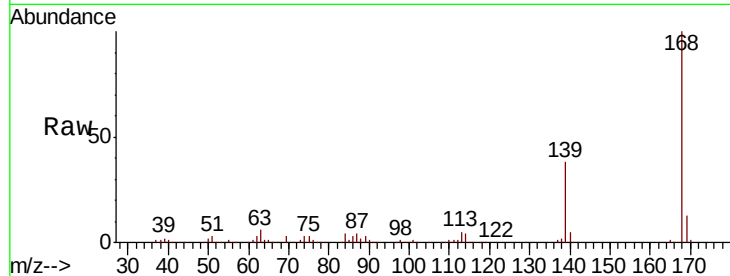




#55
Dibenzenofuran
Concen: 39.861 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

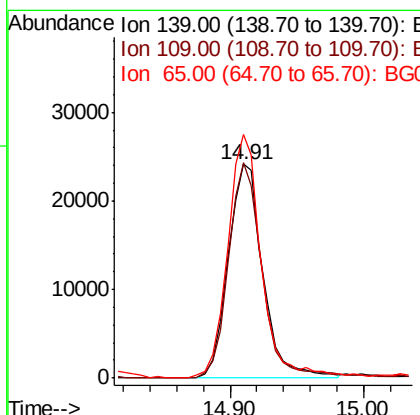
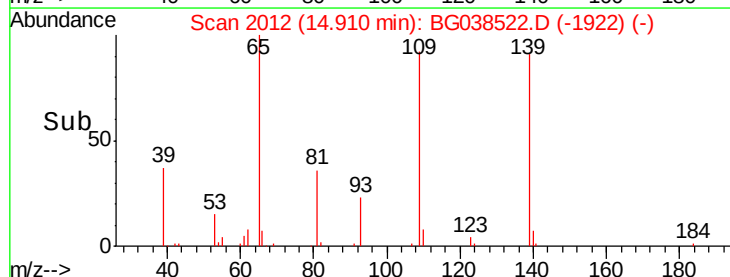
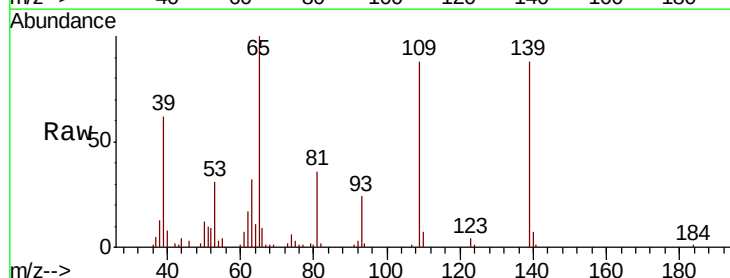
Instrument :
BNA_G
ClientSampled :

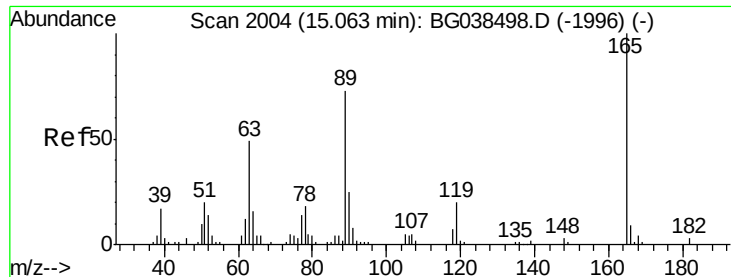
Tot Ion:168	Resp:	291099
Ion Ratio	Lower	Upper
168	100	
139	37.7	32.2 48.2
169	13.1	10.6 16.0



#56
4-Nitrophenol
Concen: 41.498 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:139	Resp:	43709
Ion Ratio	Lower	Upper
139	100	
109	100.6	73.6 113.6
65	113.9	84.8 124.8

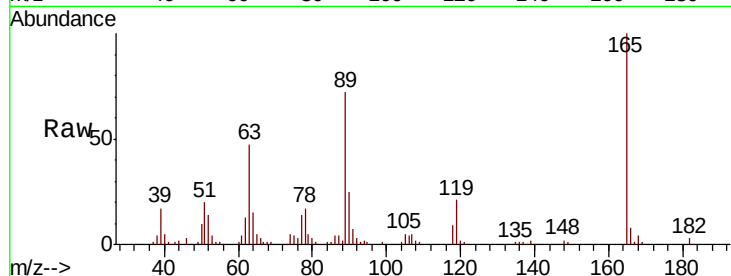




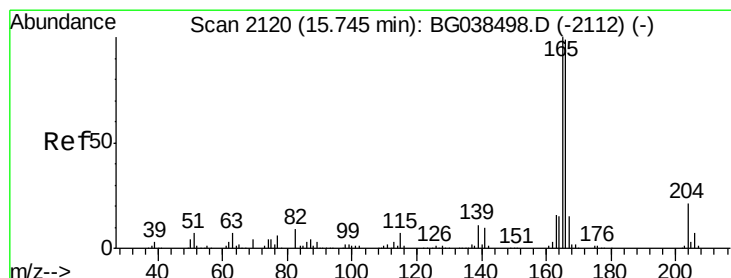
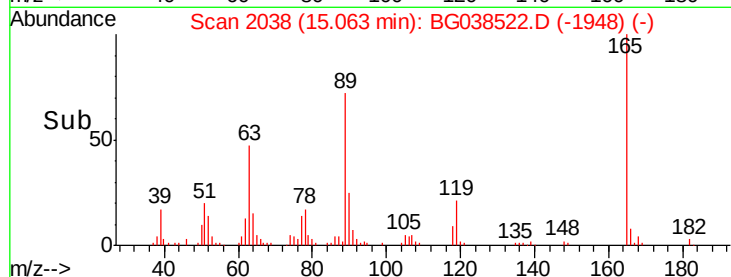
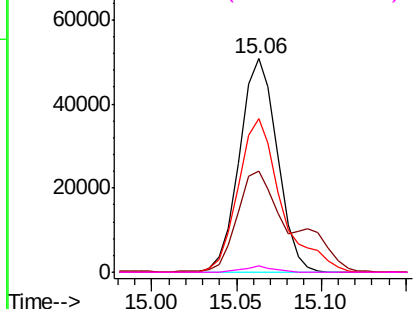
#57
2,4-Dinitrotoluene
Concen: 41.227 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	79087
Ion	Ratio	Lower	Upper
165	100		
63	47.5	39.0	58.4
89	71.7	58.0	87.0
182	2.8	2.3	3.5

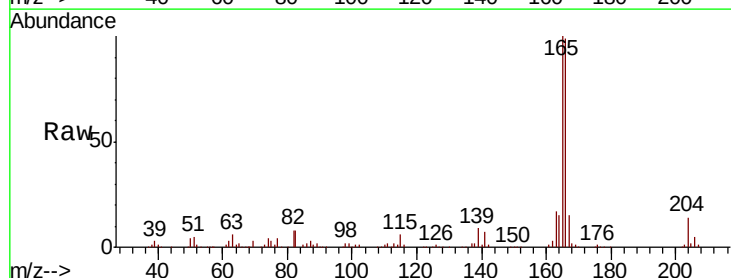


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

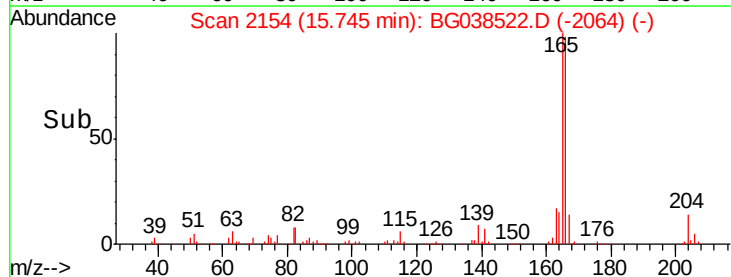
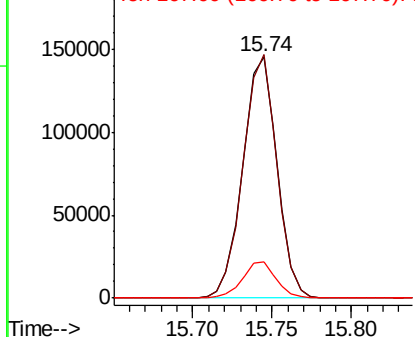


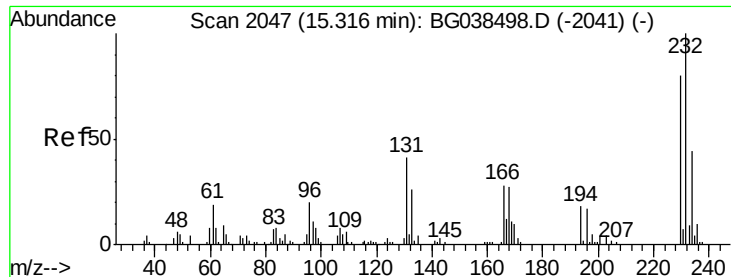
#58
Fluorene
Concen: 40.299 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:	166	Resp:	218041
Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.6	120.8
167	14.9	12.0	18.0



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

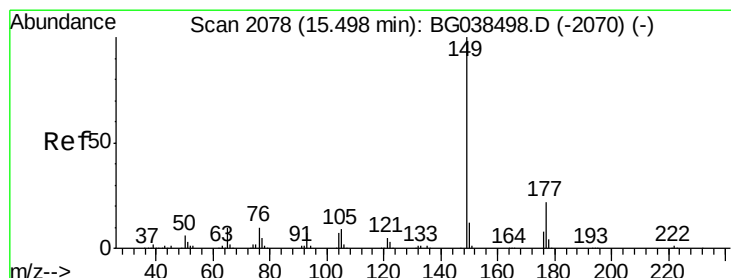
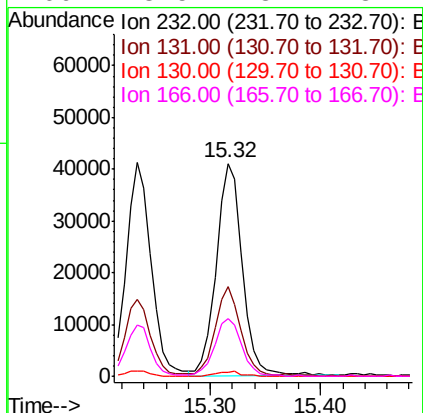
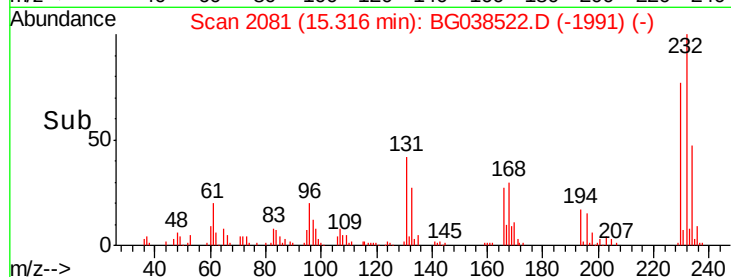
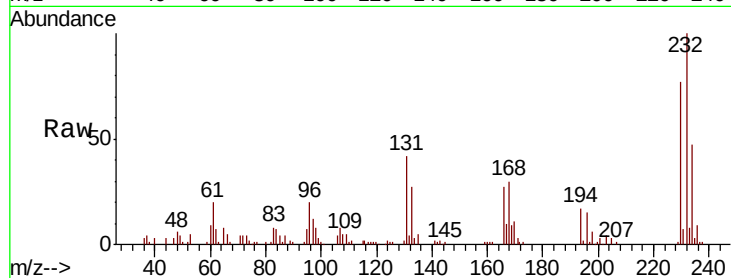




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.338 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

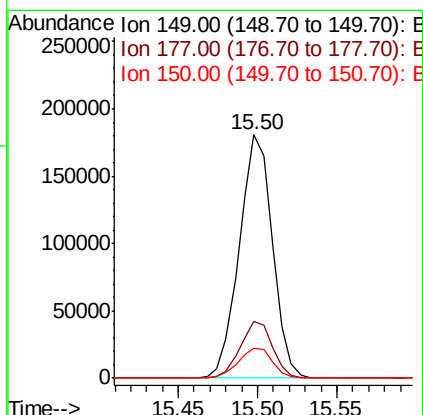
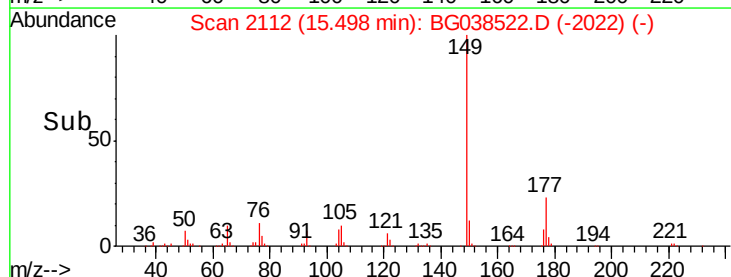
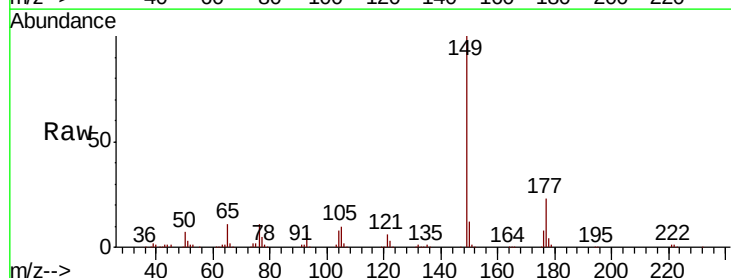
Instrument :
 BNA_G
 ClientSampleId :

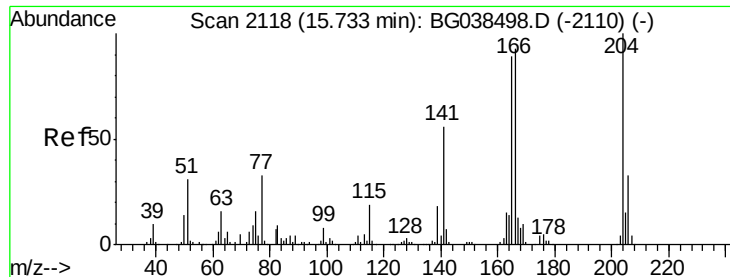
Tot Ion:	232	Resp:	66606
Ion	Ratio	Lower	Upper
232	100		
131	42.5	33.0	49.4
130	2.2	2.0	3.0
166	28.5	23.1	34.7



#60
 Diethylphthalate
 Concen: 39.550 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion:	149	Resp:	260947
Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.7	26.5
150	12.4	9.9	14.9

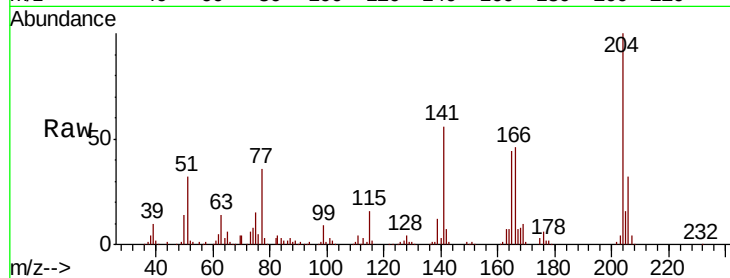




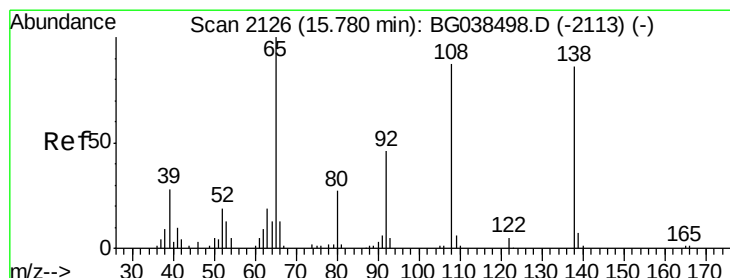
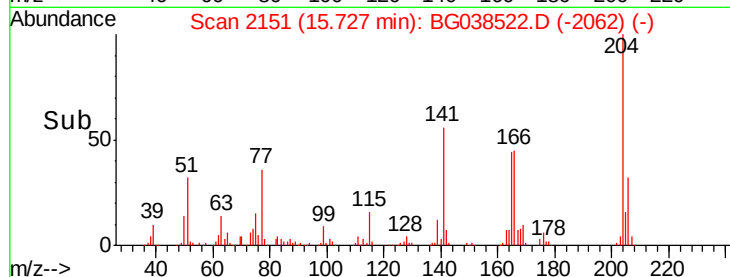
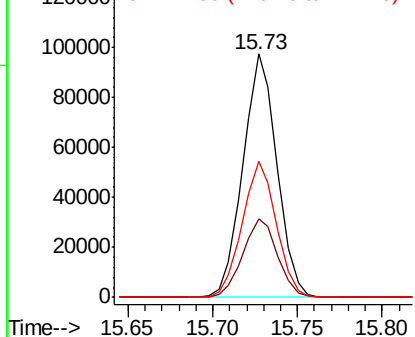
#61
4-Chlorophenyl-phenylether
Concen: 40.356 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 136236
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 56.2 44.4 66.6

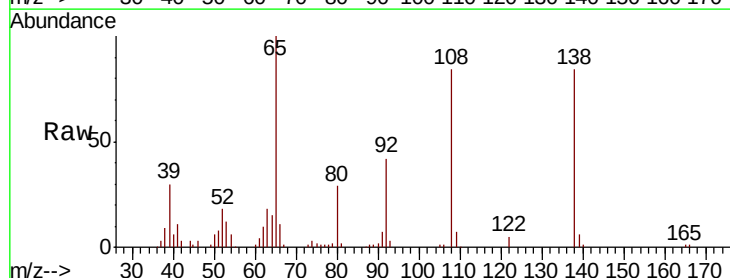


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

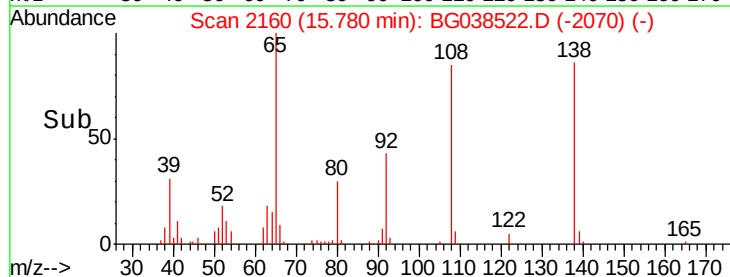
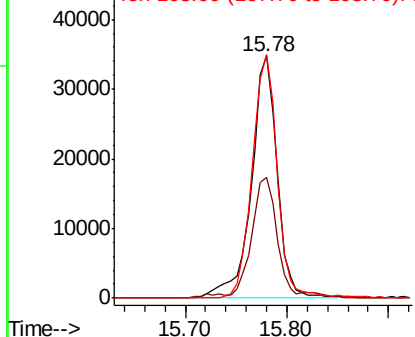


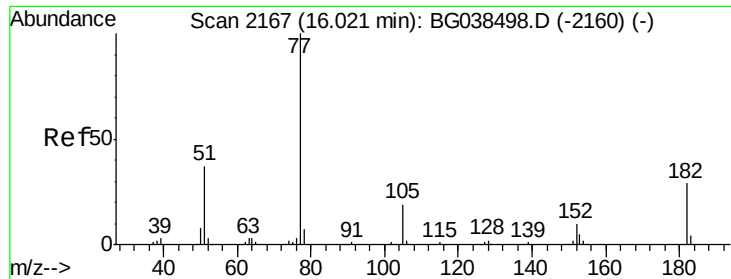
#62
4-Nitroaniline
Concen: 42.978 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:138 Resp: 61432
Ion Ratio Lower Upper
138 100
92 50.0 33.3 73.3
108 100.5 81.4 121.4



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





#63

Azobenzene

Concen: 40.625 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

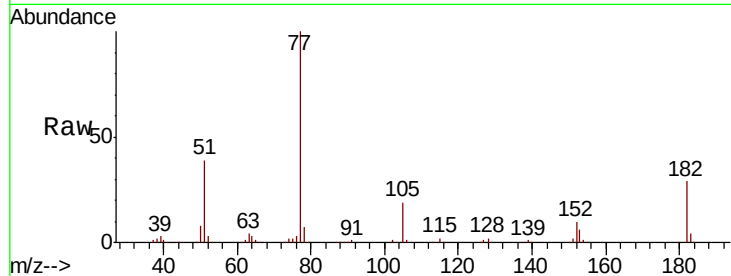
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 223913

Ion	Ratio	Lower	Upper
77	100		
182	29.2	8.7	48.7
105	18.8	0.0	38.7
51	39.2	16.6	56.6

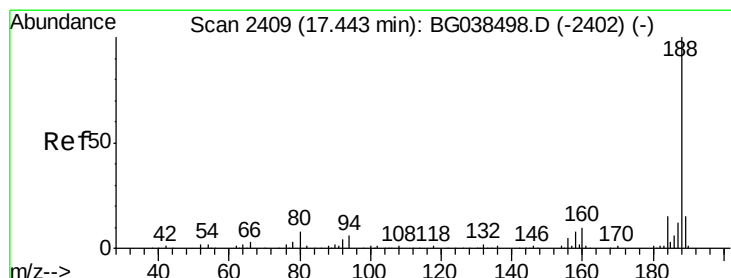
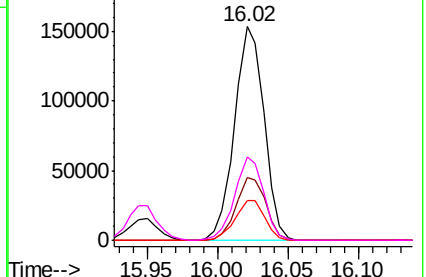
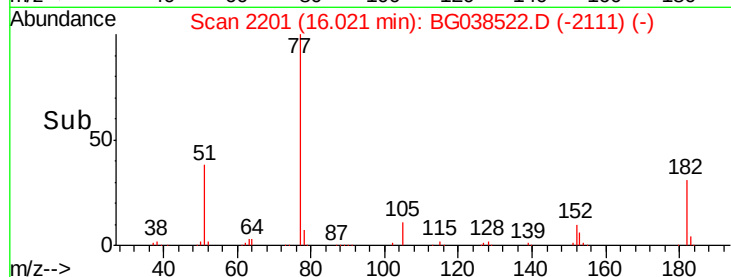


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

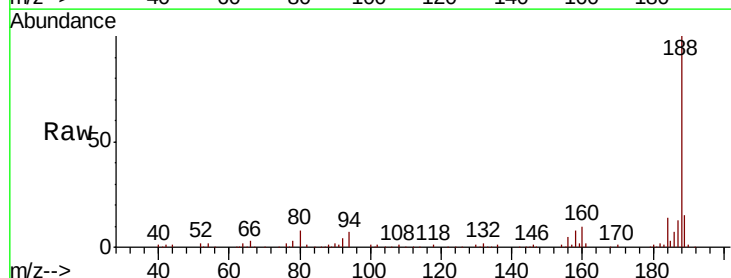
Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Tgt Ion: 188 Resp: 183620

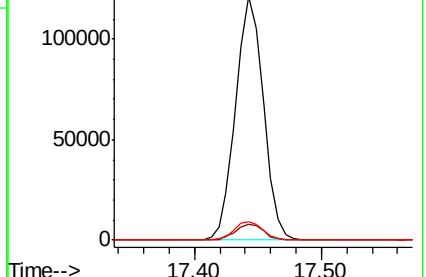
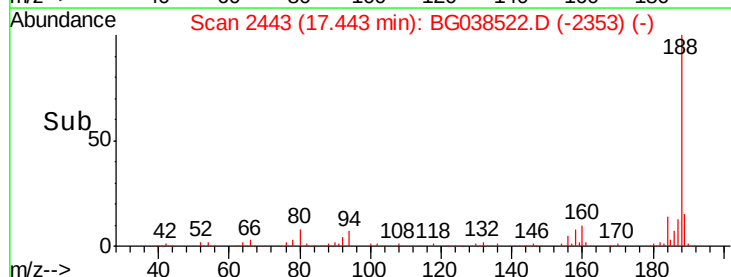
Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.1	7.7
80	7.5	6.1	9.1

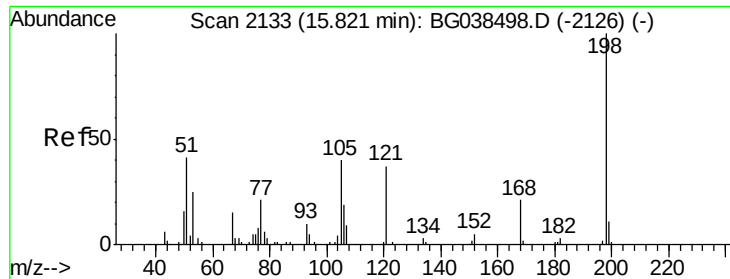


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

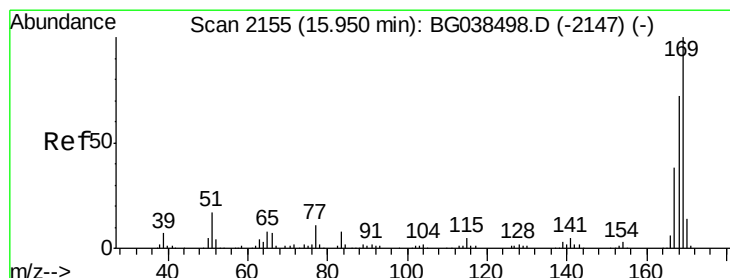
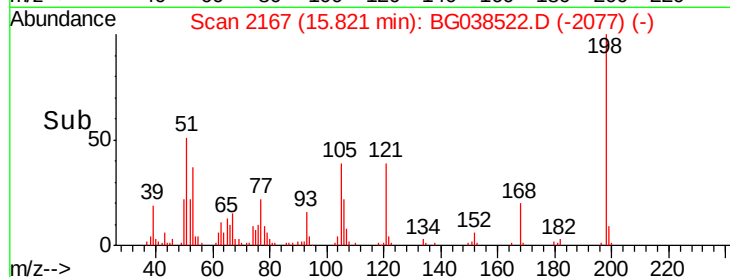
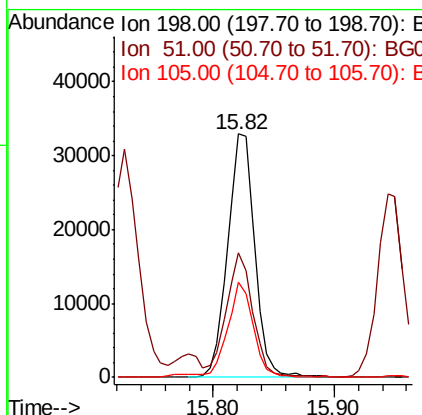
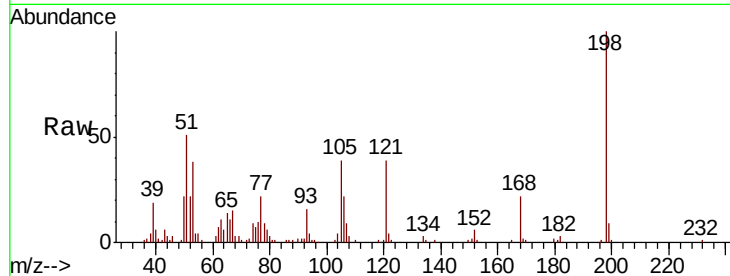




#65
4,6-Dinitro-2-methylphenol
Concen: 39.317 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

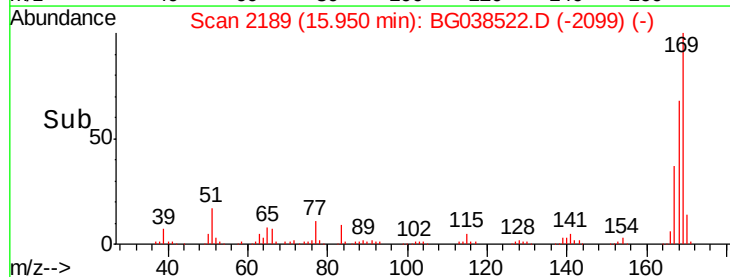
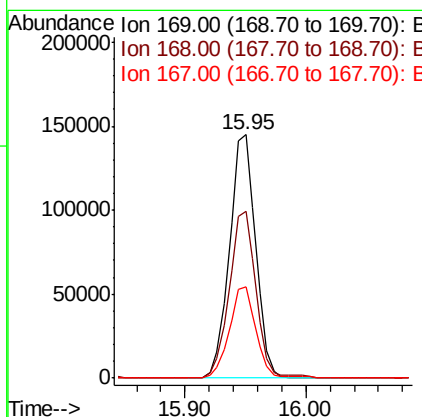
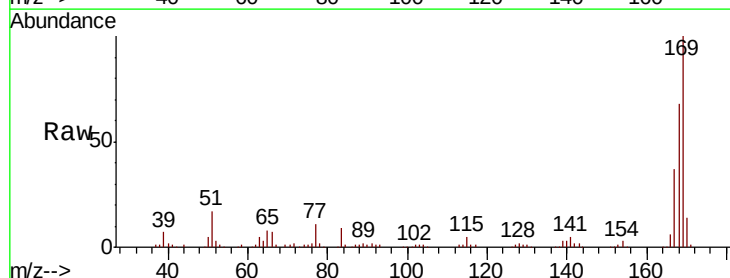
Instrument :
BNA_G
ClientSampleId :

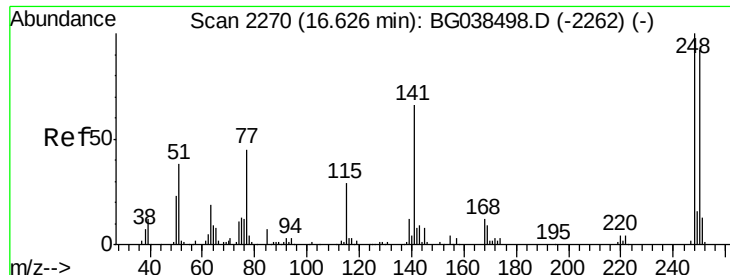
Tot Ion:198 Resp: 51499
Ion Ratio Lower Upper
198 100
51 51.1 28.6 68.6
105 38.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 40.374 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:169 Resp: 217823
Ion Ratio Lower Upper
169 100
168 68.4 57.5 86.3
167 37.5 30.2 45.2

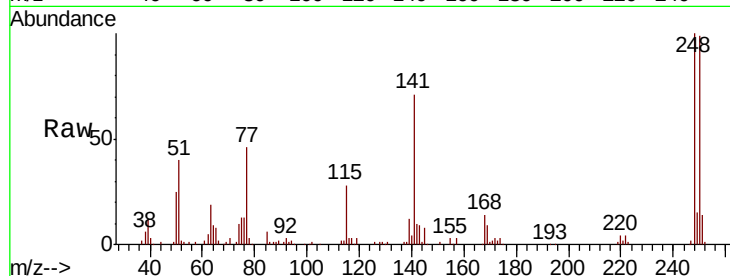




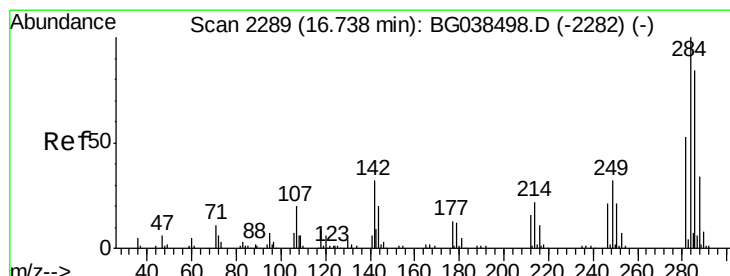
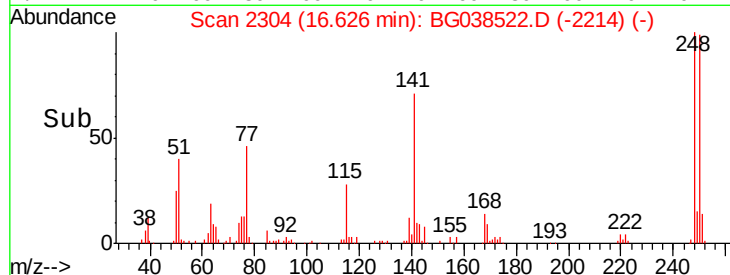
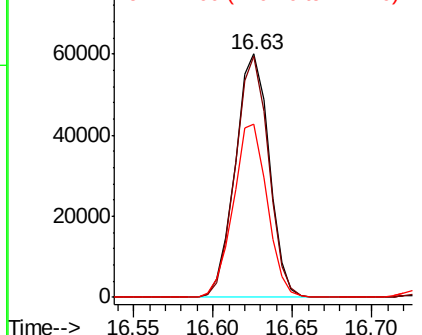
#67
 4-Bromophenyl-phenylether
 Concen: 39.748 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 89137
 Ion Ratio Lower Upper
 248 100
 250 99.0 73.4 110.2
 141 71.3 52.9 79.3

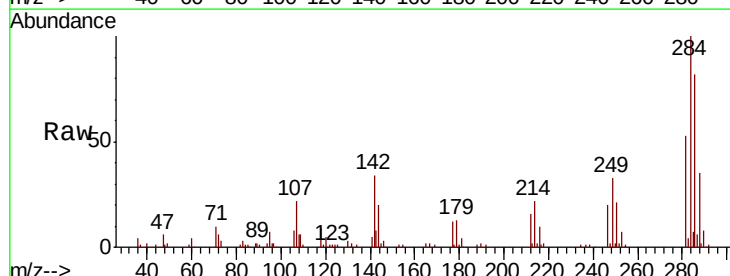


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

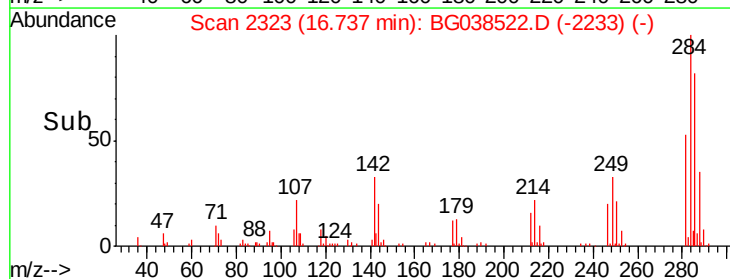
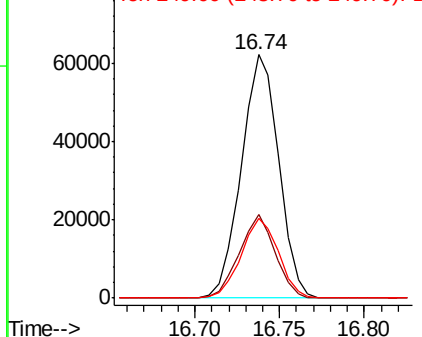


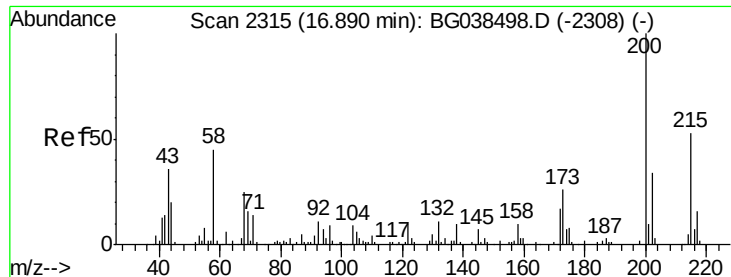
#68
 Hexachlorobenzene
 Concen: 41.096 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion:284 Resp: 95533
 Ion Ratio Lower Upper
 284 100
 142 34.2 25.8 38.6
 249 35.1 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: 42.211 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

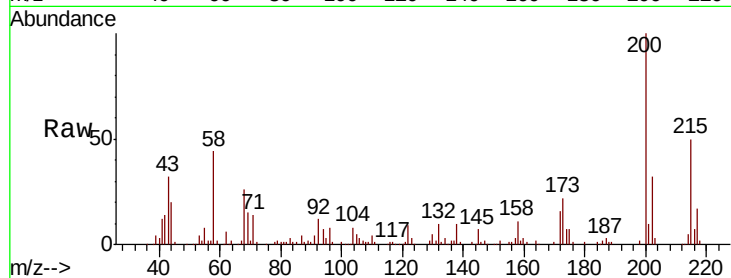
Tot Ion:200 Resp: 84516

Ion Ratio Lower Upper

200 100

173 22.4 5.9 45.9

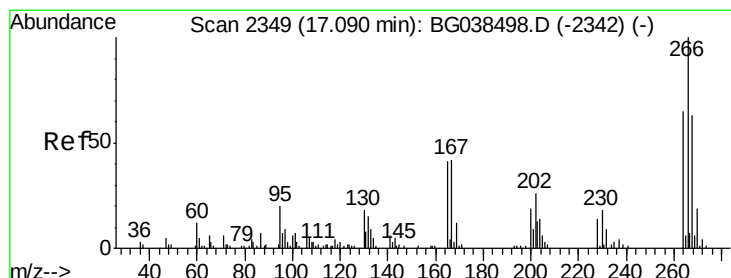
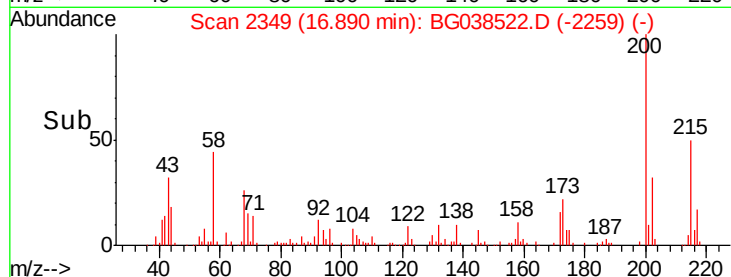
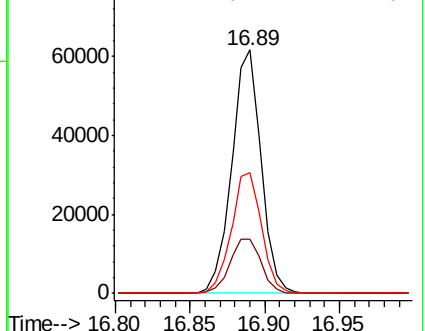
215 49.8 33.1 73.1



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: 42.210 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

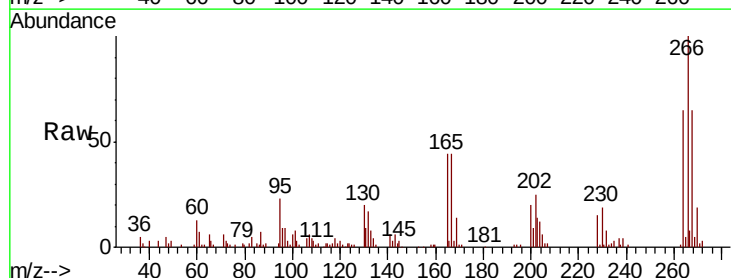
Tgt Ion:266 Resp: 58038

Ion Ratio Lower Upper

266 100

268 69.5 55.0 82.6

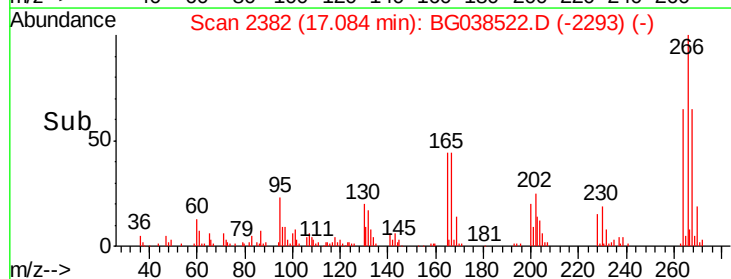
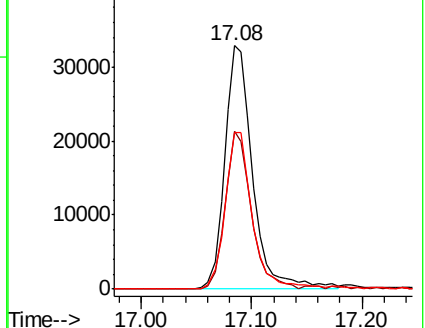
264 70.0 56.7 85.1

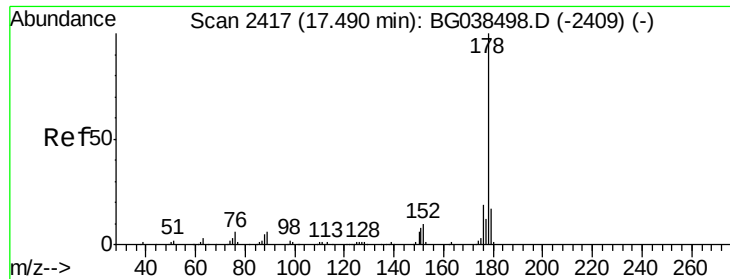


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

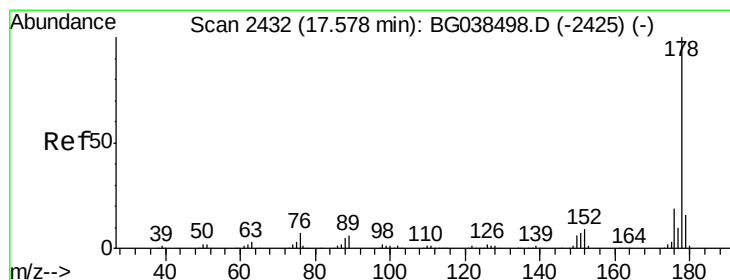
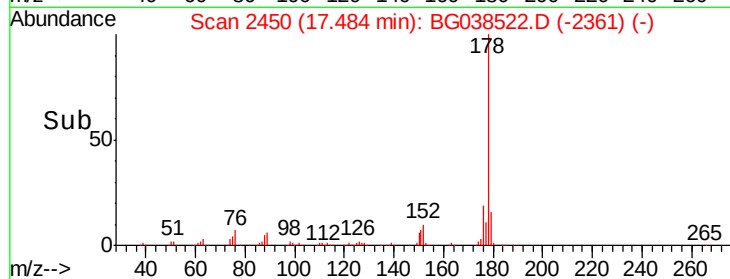
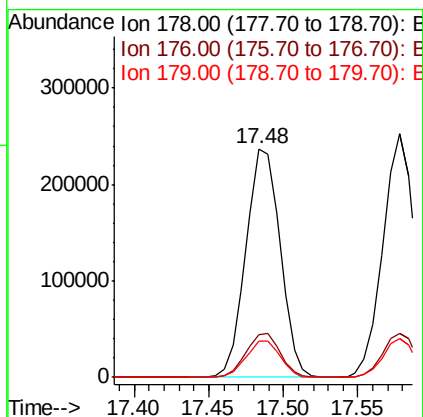
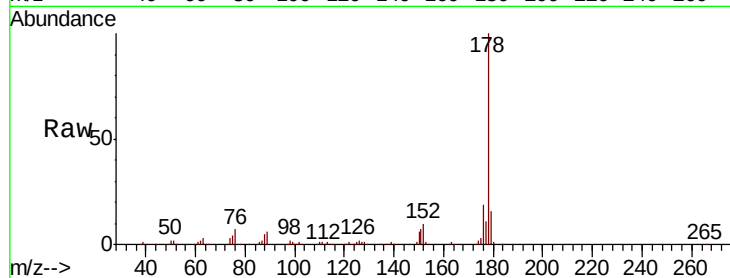




#71
Phenanthrene
Concen: 39.688 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

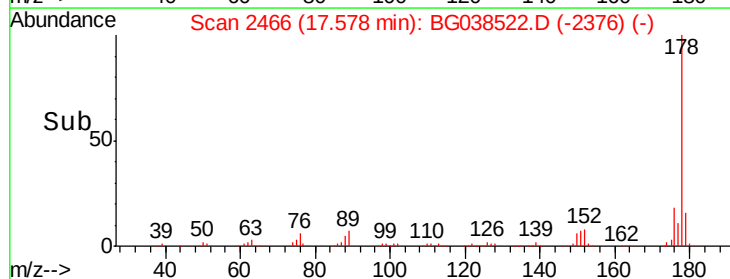
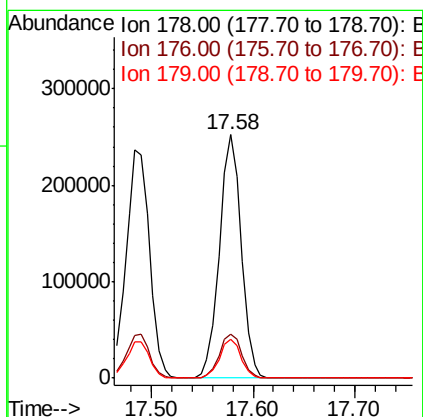
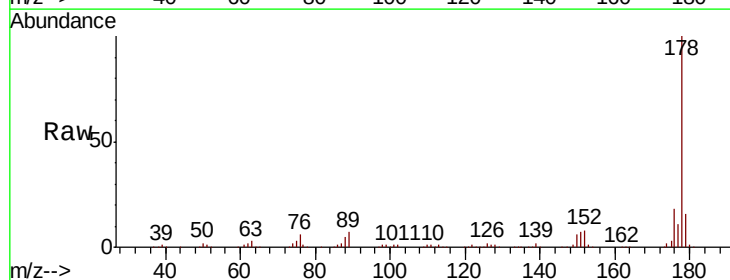
Instrument :
BNA_G
ClientSampleId :

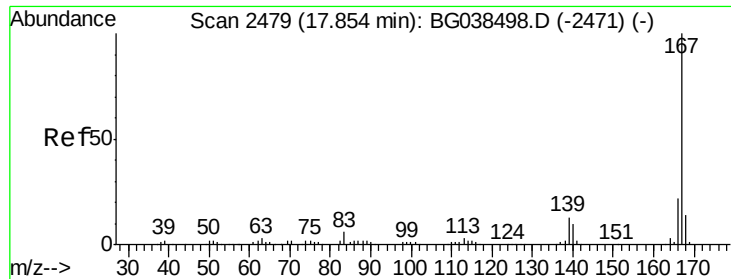
Tot Ion:178 Resp: 377906
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 13.2 19.8



#72
Anthracene
Concen: 40.119 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion:178 Resp: 377121
Ion Ratio Lower Upper
178 100
176 18.1 15.1 22.7
179 15.9 12.9 19.3

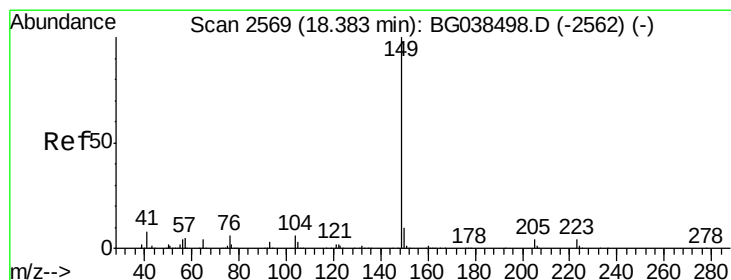
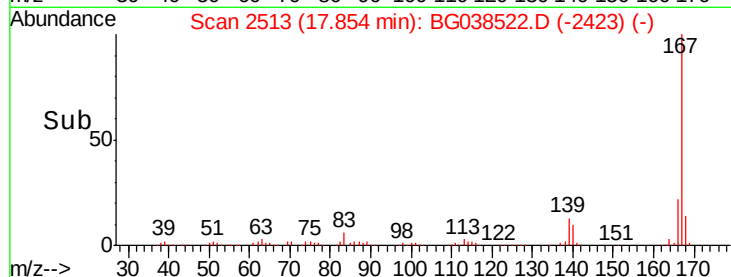
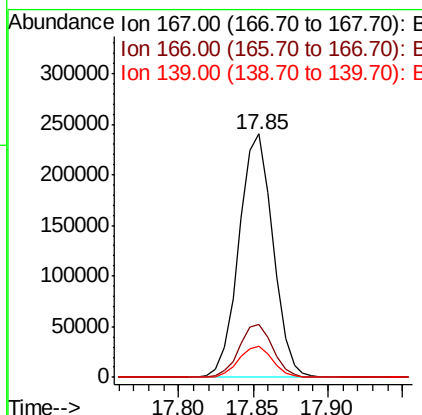
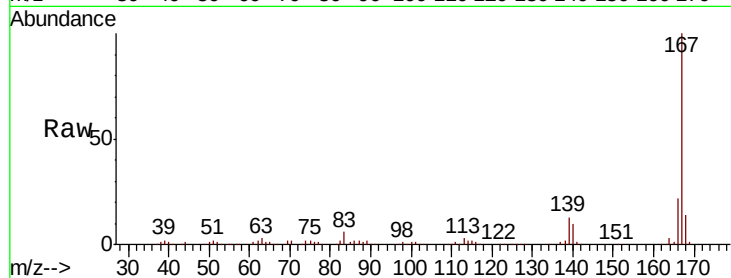




#73
 Carbazole
 Concen: 40.877 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

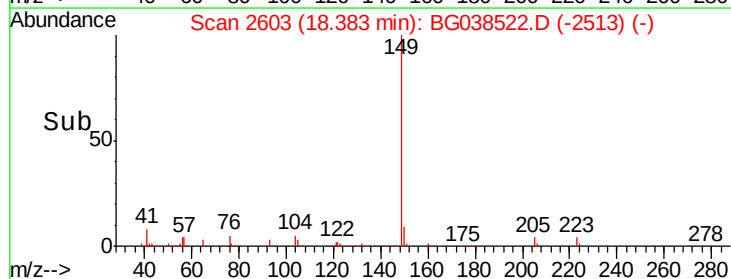
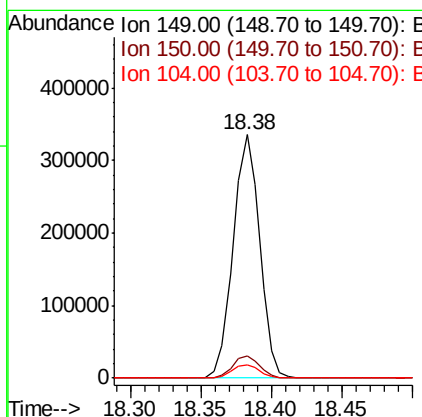
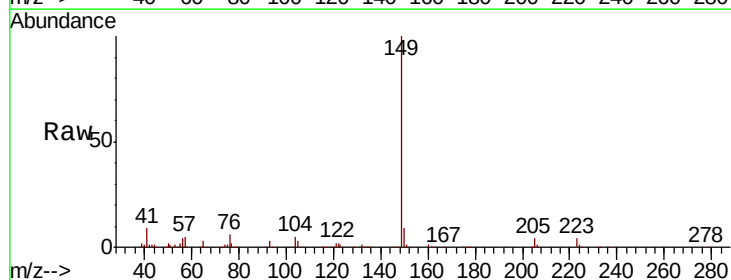
Instrument :
 BNA_G
 ClientSampleId :

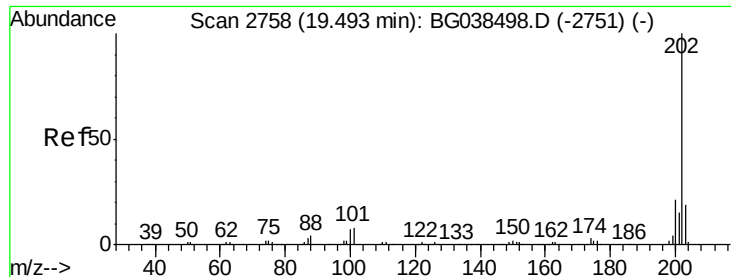
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	12.7	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.151 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	5.5	5.0	7.4

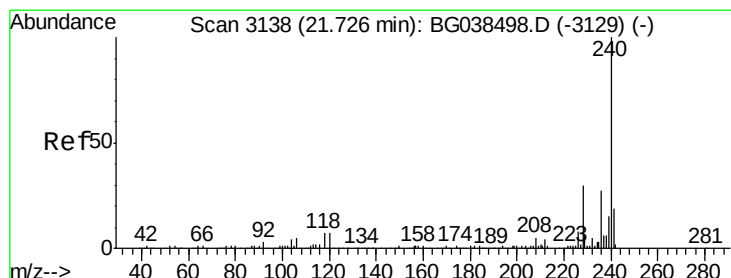
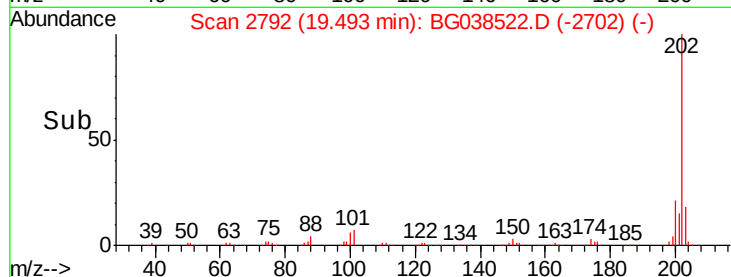
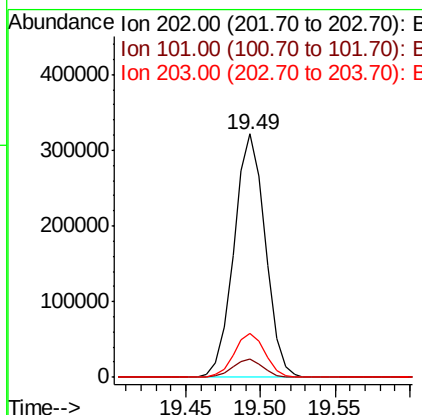
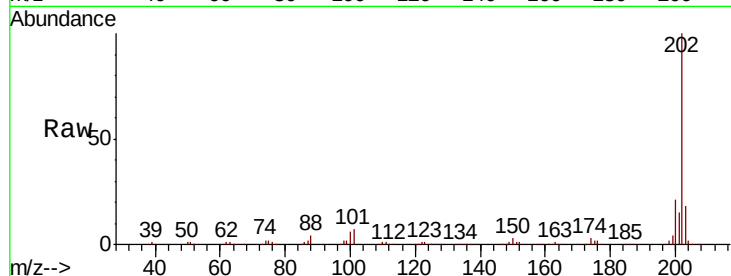




#75
Fluoranthene
Concen: 39.691 ng
RT: 19.49 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

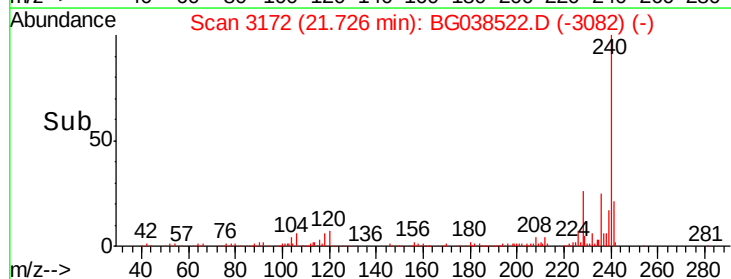
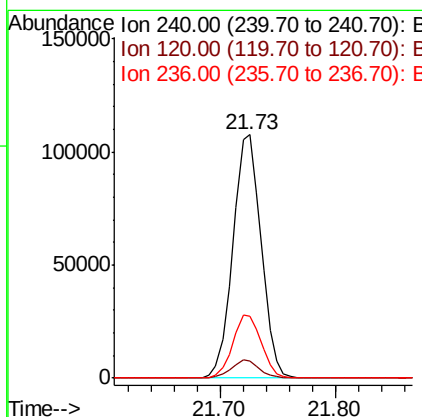
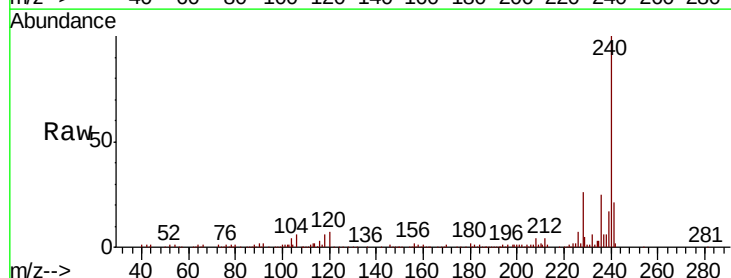
Instrument :
BNA_G
ClientSampleId :

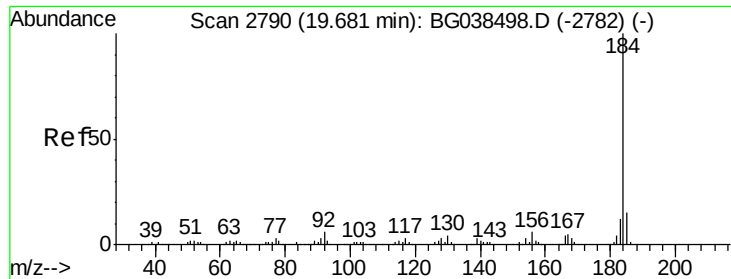
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.1
203	18.2	0.0	39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.3	7.9
236	25.2	21.4	32.2





#77

Benzidine

Concen: 42.825 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

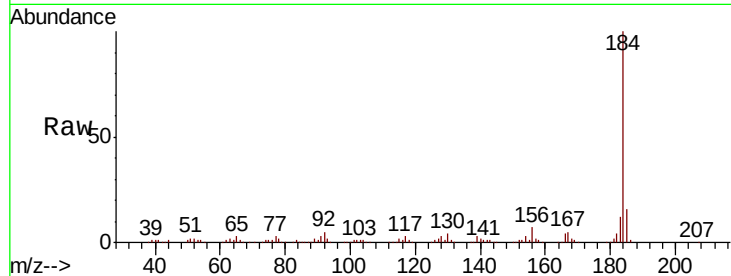
Tot Ion:184 Resp: 230105

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

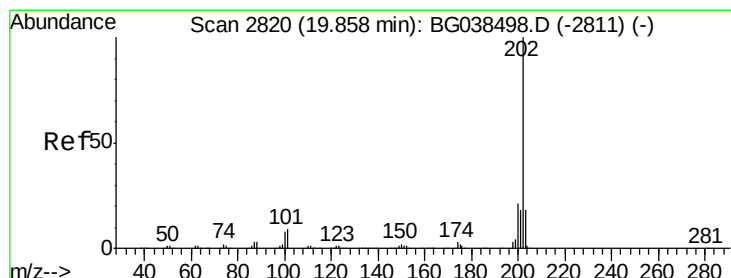
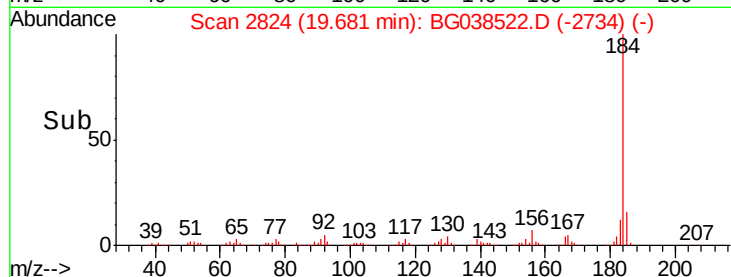
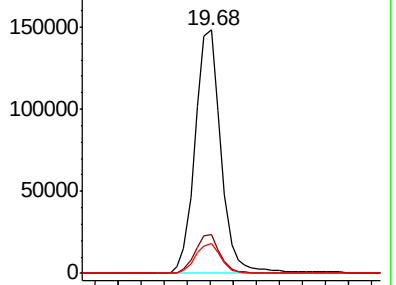
183 12.4 9.6 14.4



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: 39.716 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

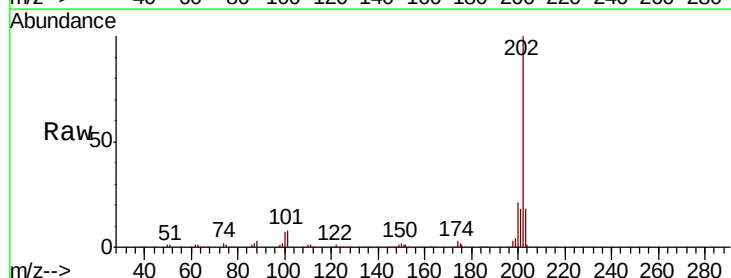
Tgt Ion:202 Resp: 476694

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

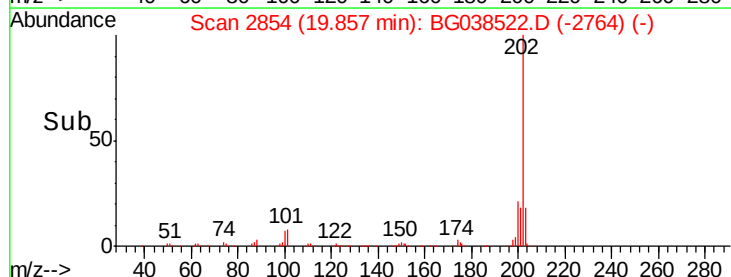
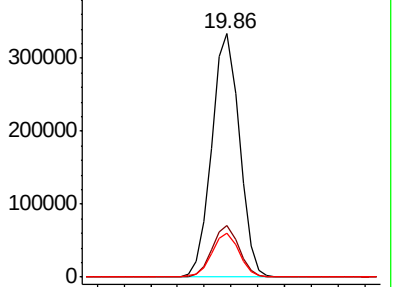
203 18.2 14.6 21.8

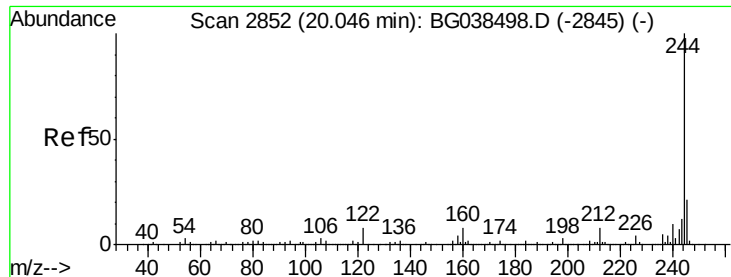


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.579 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

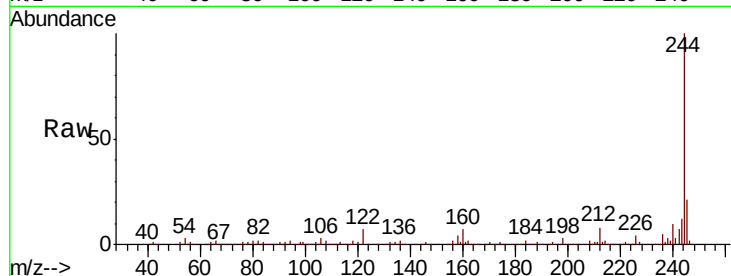
Tot Ion:244 Resp: 681042

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

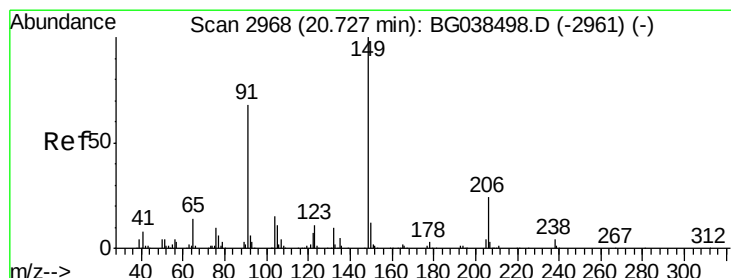
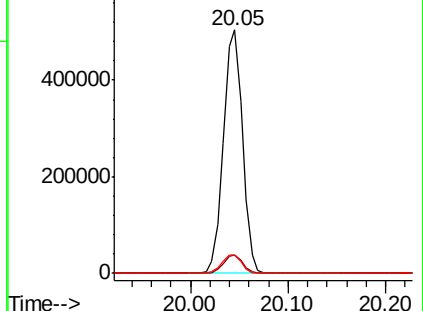
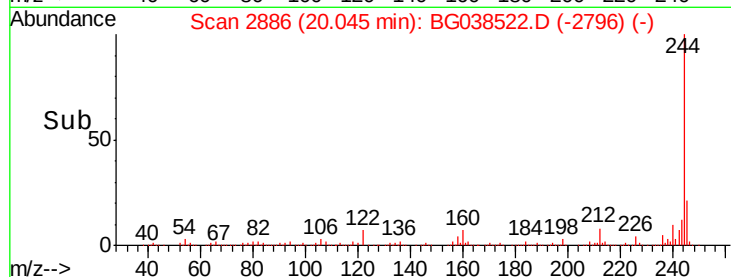
122 7.4 6.3 9.5



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: 41.161 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

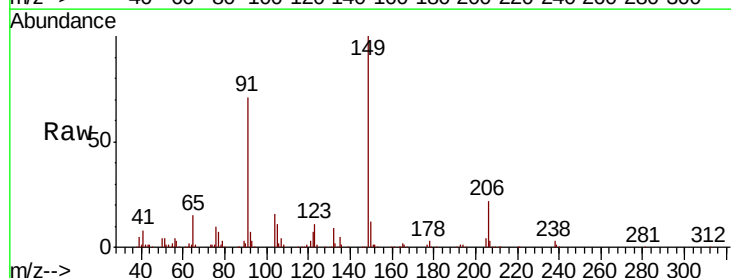
Tgt Ion:149 Resp: 193016

Ion Ratio Lower Upper

149 100

91 71.1 54.5 81.7

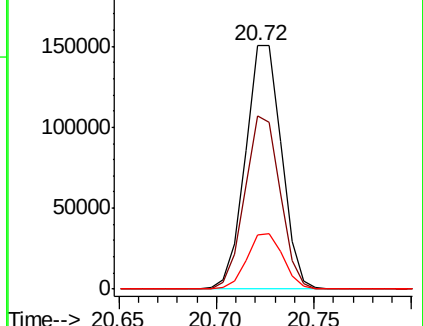
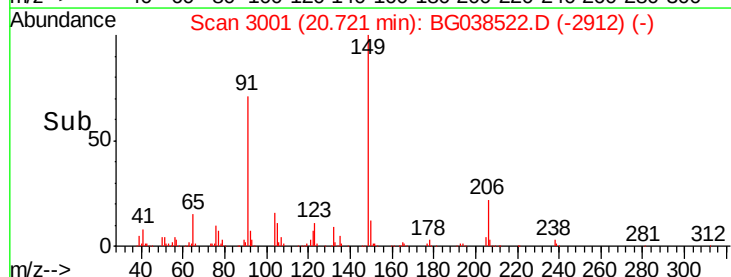
206 22.0 19.0 28.6

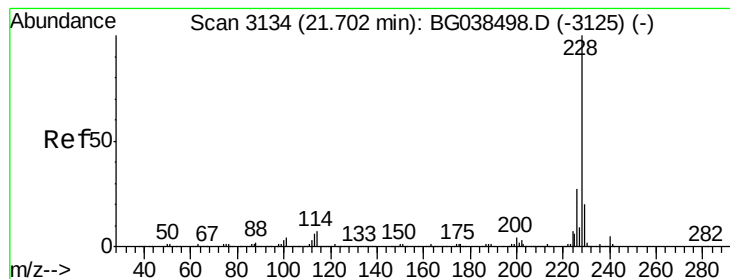


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.973 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

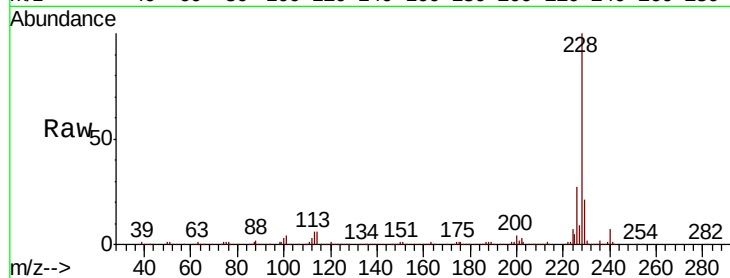
Tot Ion:228 Resp: 453610

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

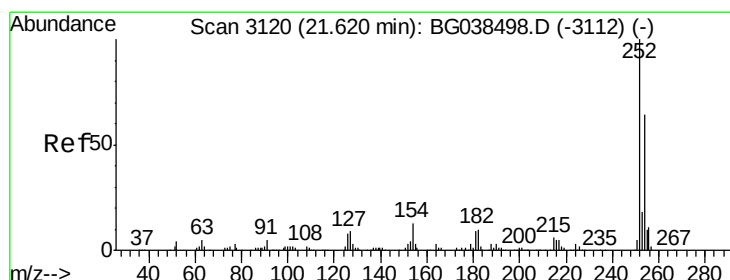
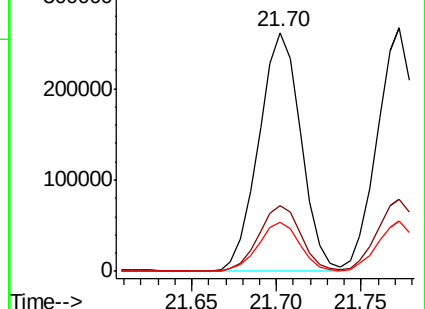
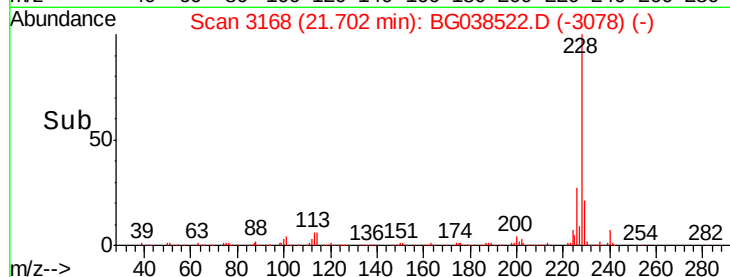
229 20.6 15.8 23.6



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: 41.998 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

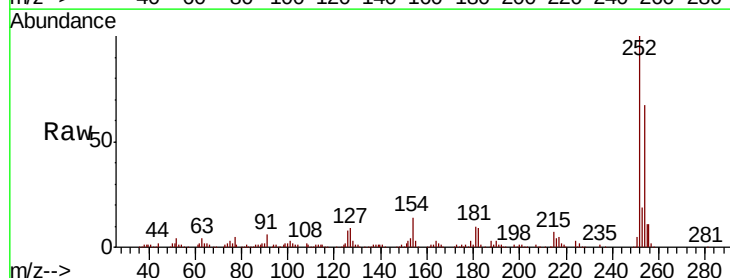
Tgt Ion:252 Resp: 184406

Ion Ratio Lower Upper

252 100

254 66.9 50.9 76.3

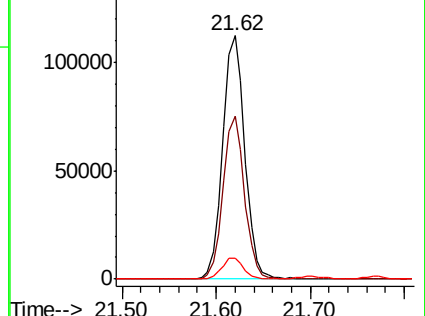
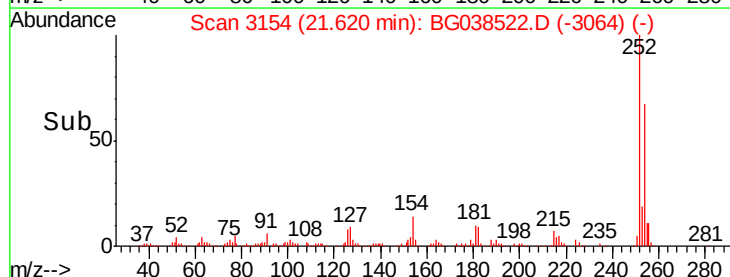
126 8.4 6.3 9.5

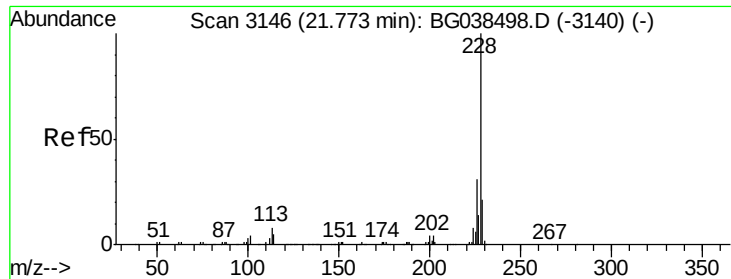


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

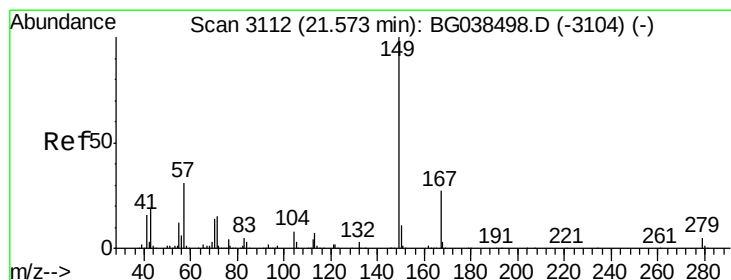
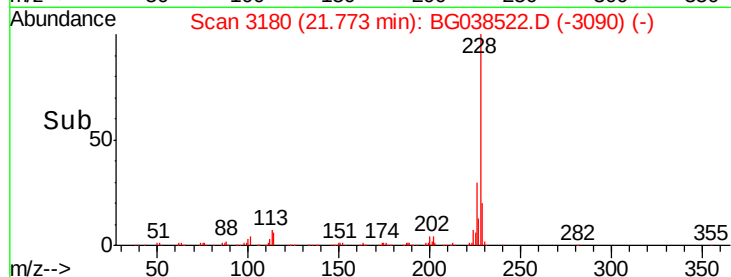
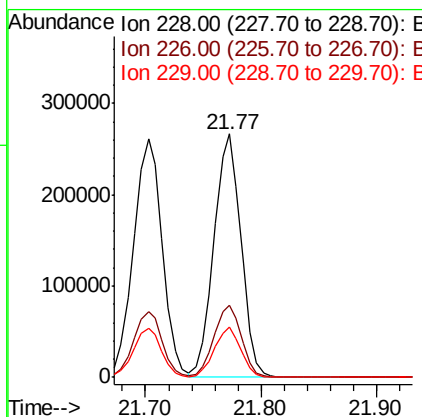
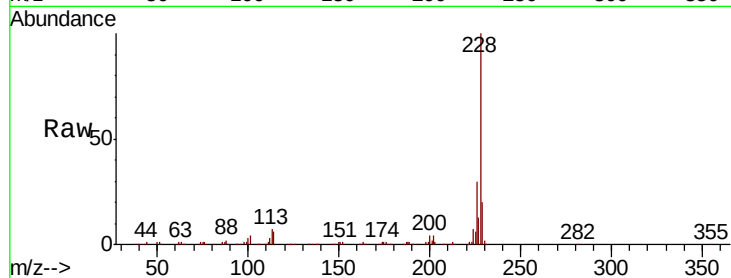




#83
 Chrysene
 Concen: 40.459 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

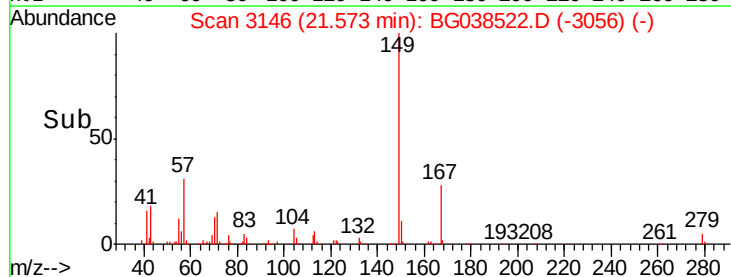
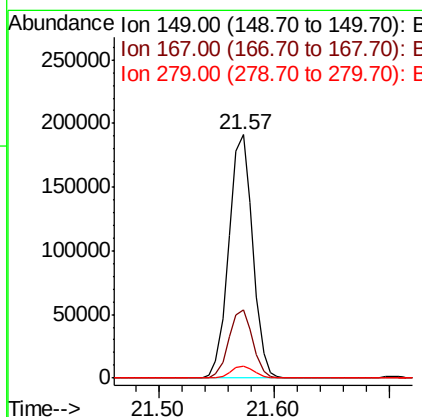
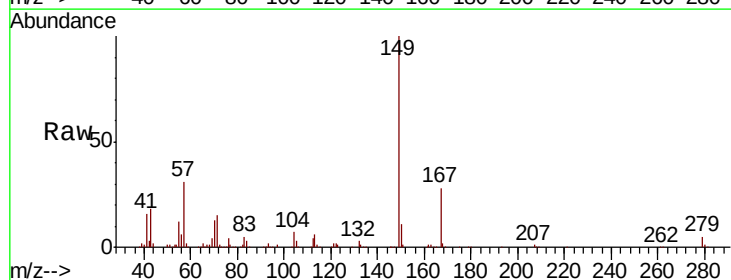
Instrument :
 BNA_G
 ClientSampleId :

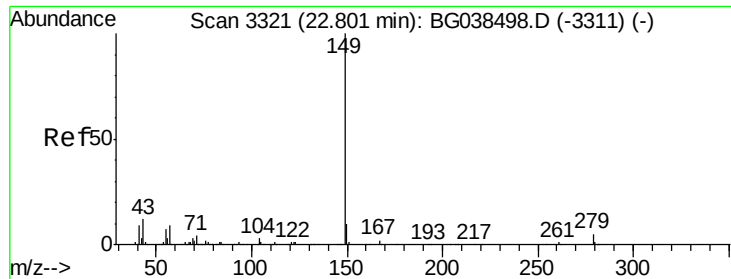
Tot Ion:228 Resp: 431442
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.0 37.4
 229 20.4 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.025 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038522.D
 Acq: 13 Dec 2018 8:13

Tgt Ion:149 Resp: 272843
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.9 32.9
 279 4.7 4.2 6.2

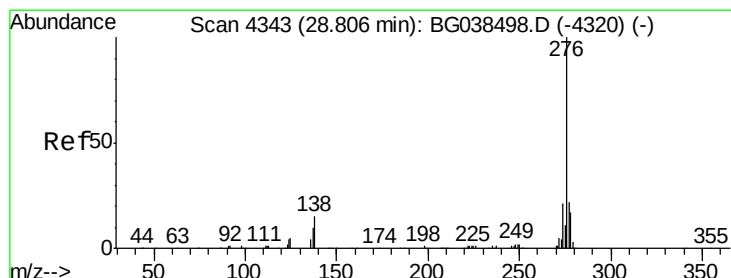
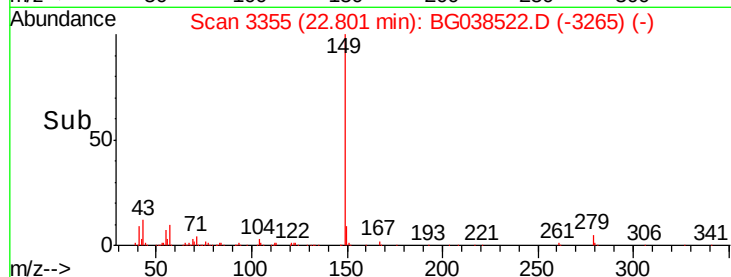
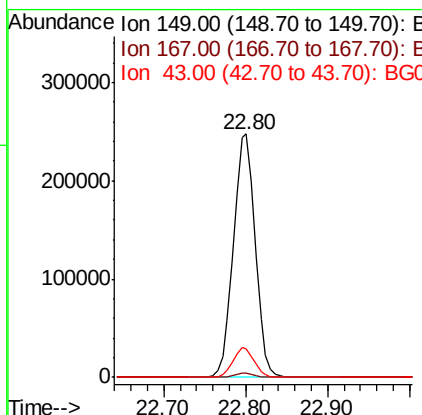
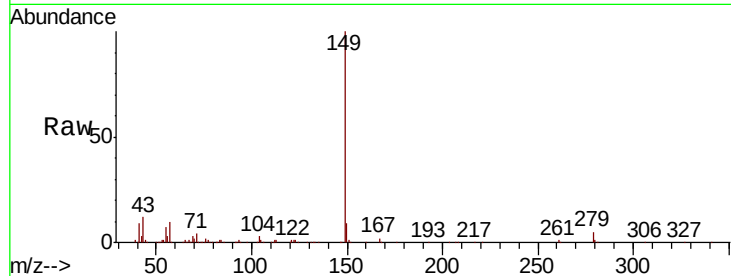




#85
Di-n-octyl phthalate
Concen: 41.196 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

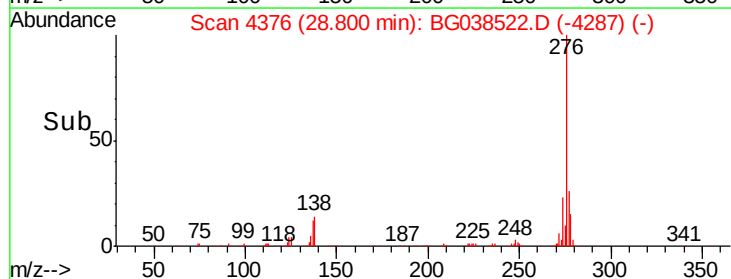
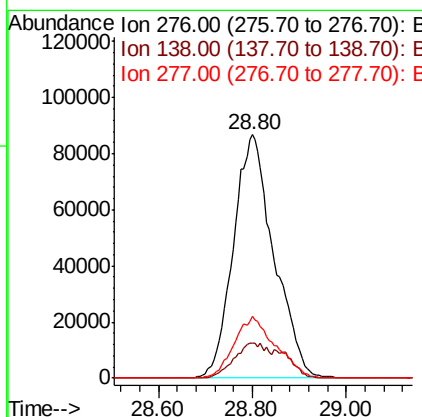
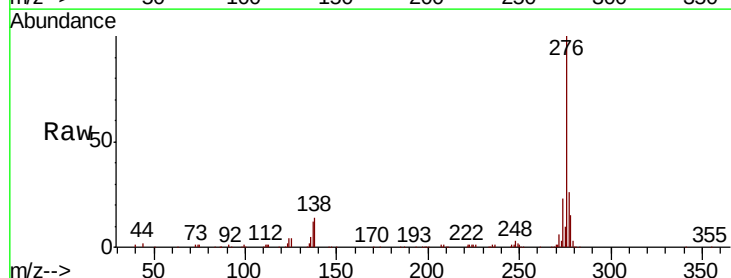
Instrument :
BNA_G
ClientSampleId :

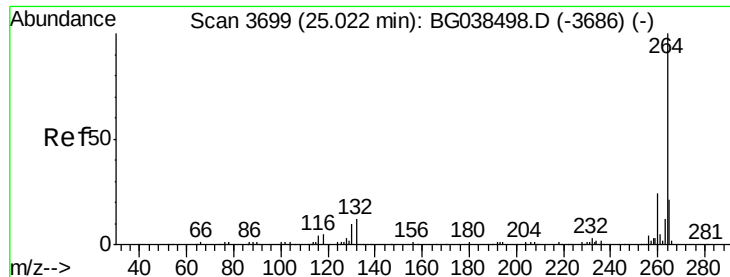
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.0	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.352 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038522.D
Acq: 13 Dec 2018 8:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	14.4	21.6#
277	25.9	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

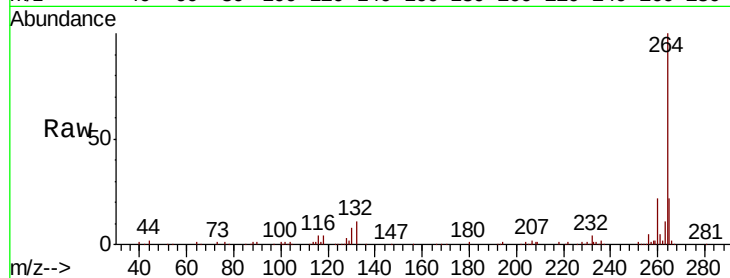
Tot Ion:264 Resp: 201272

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

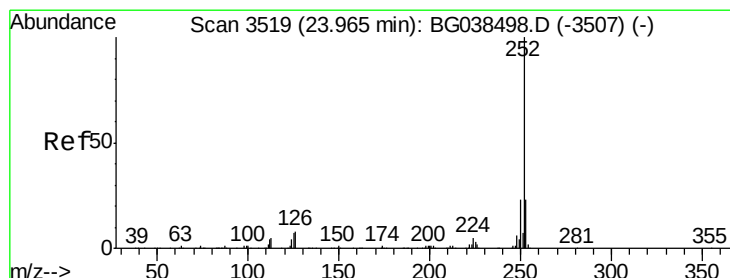
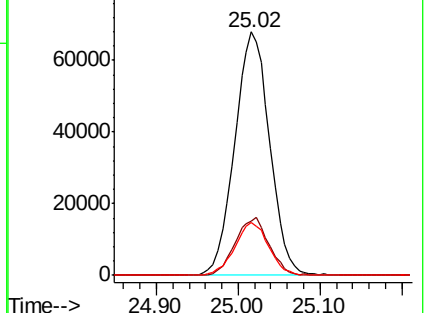
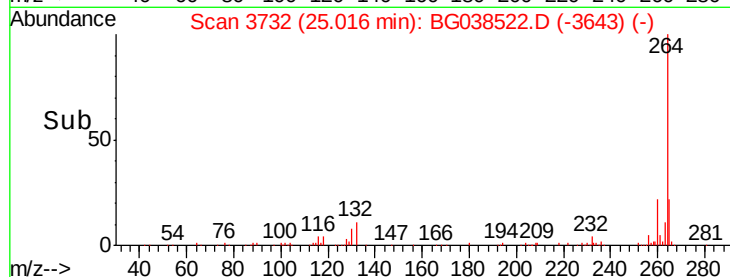
265 21.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.806 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

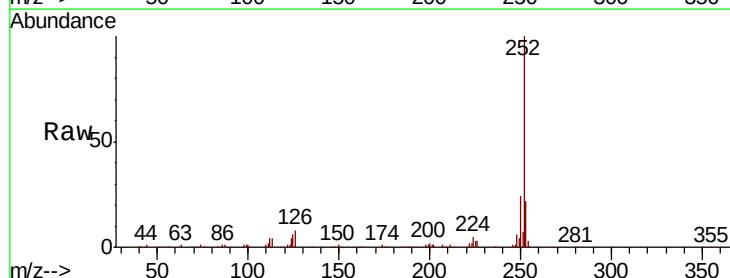
Tgt Ion:252 Resp: 450934

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

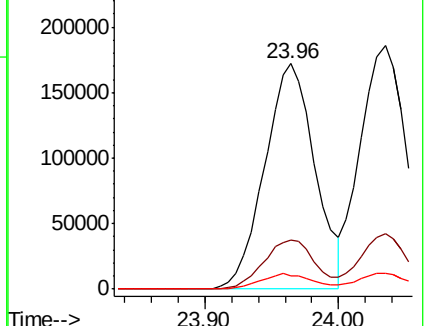
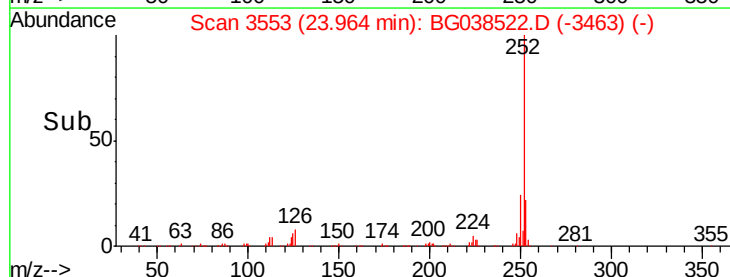
125 5.8 5.5 8.3

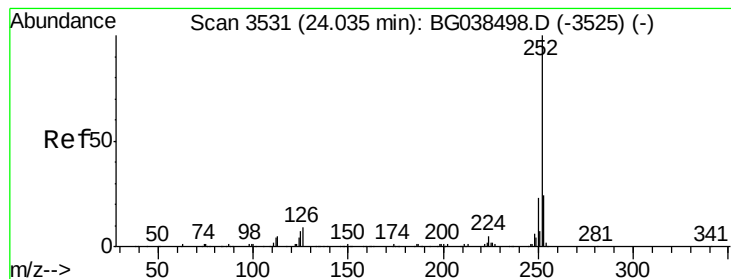


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.230 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

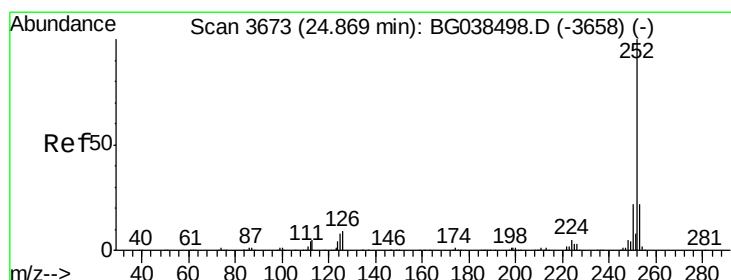
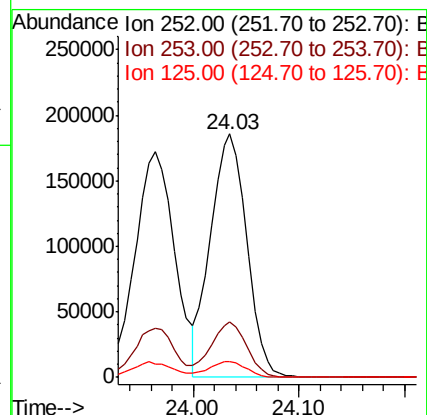
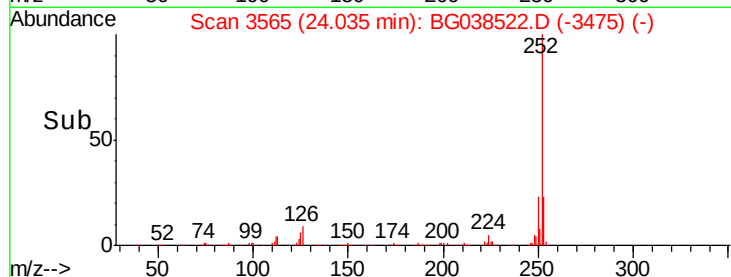
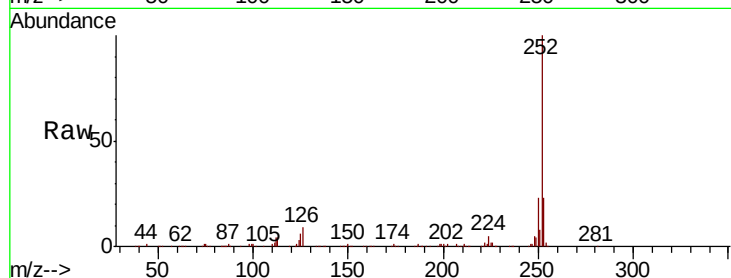
Tot Ion:252 Resp: 442699

Ion Ratio Lower Upper

252 100

253 22.6 18.9 28.3

125 6.5 5.4 8.2



#90

Benzo(a)pyrene

Concen: 40.926 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

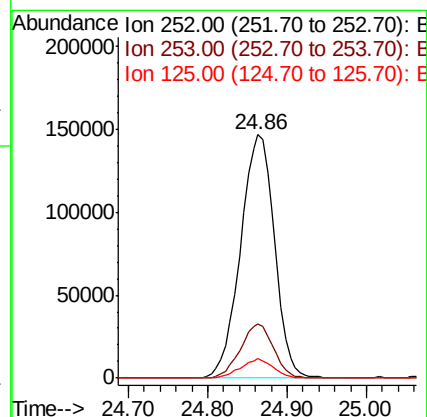
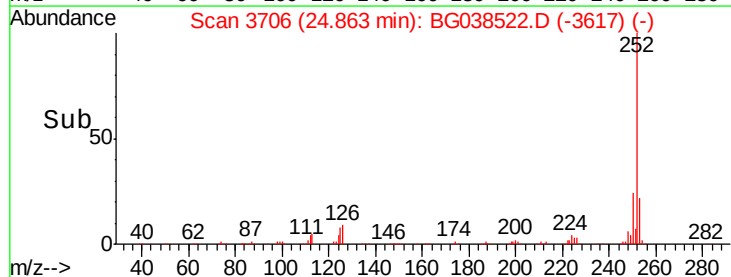
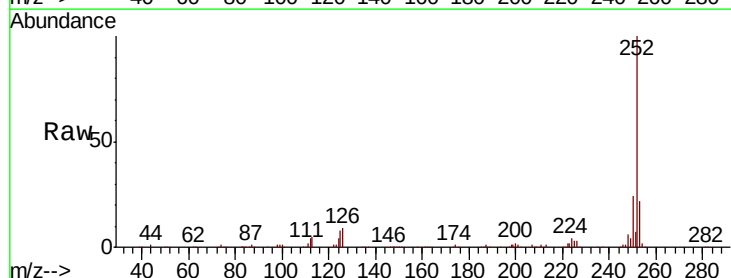
Tgt Ion:252 Resp: 436307

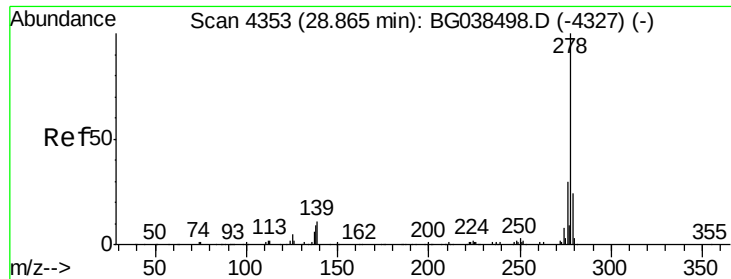
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.1 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 41.374 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

Instrument :

BNA_G

ClientSampleId :

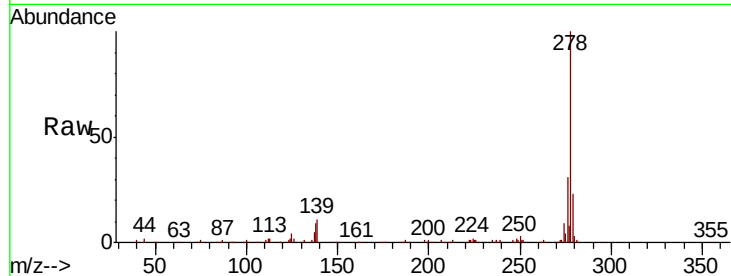
Tot Ion:278 Resp: 439177

Ion Ratio Lower Upper

278 100

139 10.8 8.6 12.8

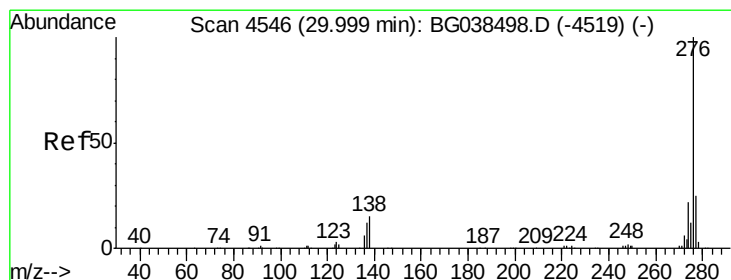
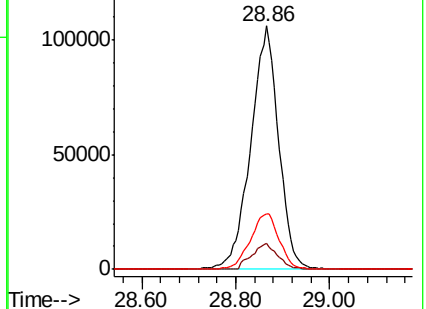
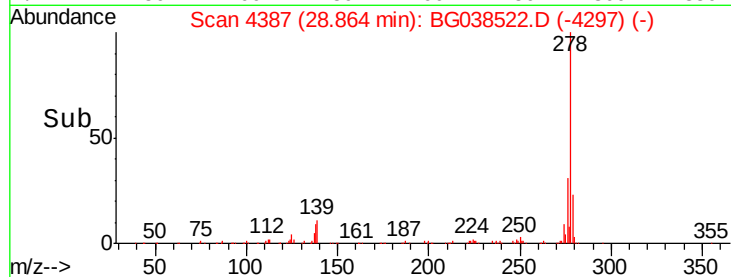
279 22.9 19.0 28.6



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: 40.764 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038522.D

Acq: 13 Dec 2018 8:13

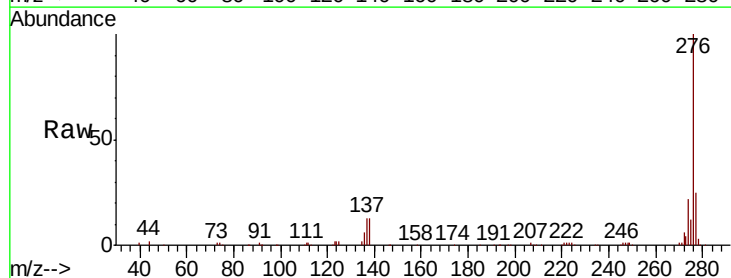
Tgt Ion:276 Resp: 426437

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 13.4 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

