

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038420.D
 Acq On : 8 Dec 2018 2:02
 Operator : JU/SJ
 Sample : PB115253BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Quant Time: Dec 08 04:10:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27825	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	119225	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	73285	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	184062	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	179437	20.00	ng	-0.01
87) Perylene-d12	25.03	264	193715	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	190944	121.44	ng	0.00
7) Phenol-d6	7.22	99	261333	114.99	ng	0.00
23) Nitrobenzene-d5	9.25	82	134228	55.90	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	122573	136.24	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	315478	61.34	ng	0.00
79) Terphenyl-d14	20.05	244	618270	73.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	22877	31.745	ng	# 91
3) Pyridine	3.90	79	69369	32.176	ng	90
4) n-Nitrosodimethylamine	3.82	42	39663	41.999	ng	# 77
6) Aniline	7.40	93	94838	32.674	ng	97
8) 2-Chlorophenol	7.63	128	73296	40.138	ng	99
9) Benzaldehyde	7.21	77	30114	20.926	ng	99
10) Phenol	7.25	94	92491	38.520	ng	92
11) bis(2-Chloroethyl)ether	7.48	93	64777	32.940	ng	97
12) 1,3-Dichlorobenzene	7.95	146	72918	34.165	ng	94
13) 1,4-Dichlorobenzene	8.10	146	77847	35.253	ng	97
14) 1,2-Dichlorobenzene	8.42	146	73378	35.092	ng	98
15) Benzyl Alcohol	8.31	79	70495	37.731	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	147430	32.960	ng	96
17) 2-Methylphenol	8.51	107	66278	39.324	ng	94
18) Hexachloroethane	9.15	117	28529	35.795	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	56204	33.496	ng	91
20) 3+4-Methylphenols	8.83	107	89939	37.180	ng	98
22) Acetophenone	8.90	105	107684	37.238	ng	# 97
24) Nitrobenzene	9.29	77	87694	35.943	ng	99
25) Isophorone	9.80	82	184262	43.662	ng	98
26) 2-Nitrophenol	10.00	139	45477	40.228	ng	90
27) 2,4-Dimethylphenol	10.04	122	81807	50.382	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	99596	41.167	ng	97
29) 2,4-Dichlorophenol	10.53	162	112648	60.776	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	96991	44.577	ng	99
31) Naphthalene	10.94	128	236994	41.614	ng	99
32) Benzoic acid	10.19	122	38033	34.481	ng	91
33) 4-Chloroaniline	11.06	127	24535	9.732	ng	95
34) Hexachlorobutadiene	11.20	225	50692	37.241	ng	98
35) Caprolactam	11.84	113	29494	38.480	ng	93
36) 4-Chloro-3-methylphenol	12.16	107	85145	41.345	ng	99
37) 2-Methylnaphthalene	12.54	142	170547	42.051	ng	97
38) 1-Methylnaphthalene	12.75	142	162204	41.757	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	96139	38.124	ng	99

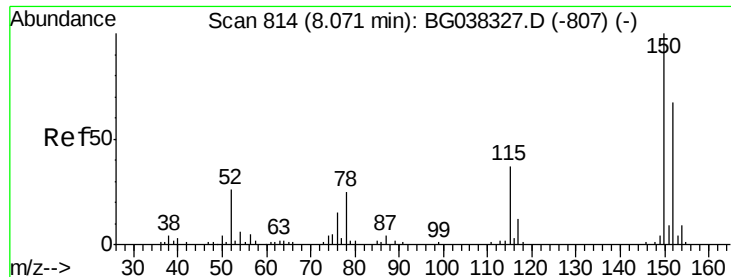
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
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 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	134700	97.201	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	68127	41.705	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	77894	45.011	ng	96
46) 1,1'-Biphenyl	13.54	154	224187	36.190	ng	98
47) 2-Chloronaphthalene	13.59	162	179048	38.303	ng	98
48) 2-Nitroaniline	13.80	65	63515	40.500	ng	98
49) Acenaphthylene	14.43	152	298907	42.457	ng	99
50) Dimethylphthalate	14.15	163	246042	41.857	ng	99
51) 2,6-Dinitrotoluene	14.29	165	55782	41.544	ng	95
52) Acenaphthene	14.77	154	168599	39.283	ng	98
53) 3-Nitroaniline	14.62	138	42467	29.366	ng #	99
54) 2,4-Dinitrophenol	14.82	184	71774	97.512	ng #	84
55) Dibenzofuran	15.11	168	290277	40.911	ng	97
56) 4-Nitrophenol	14.92	139	86111	75.381	ng #	76
57) 2,4-Dinitrotoluene	15.07	165	80174	43.292	ng	97
58) Fluorene	15.75	166	231619	44.308	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	67847	45.141	ng	98
60) Diethylphthalate	15.51	149	256761	39.428	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	126559	40.307	ng	99
62) 4-Nitroaniline	15.79	138	58854	41.379	ng	85
63) Azobenzene	16.03	77	229481	40.265	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	50026	41.481	ng	96
66) n-Nitrosodiphenylamine	15.96	169	213409	41.231	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	84395	42.459	ng	98
68) Hexachlorobenzene	16.74	284	86598	42.239	ng	98
69) Atrazine	16.90	200	83609	43.291	ng	96
70) Pentachlorophenol	17.10	266	104680	74.544	ng	96
71) Phenanthrene	17.50	178	407083	44.163	ng	98
72) Anthracene	17.58	178	412320	46.191	ng	99
73) Carbazole	17.86	167	373492	42.157	ng	100
74) Di-n-butylphthalate	18.39	149	457689	44.221	ng	98
75) Fluoranthene	19.50	202	505560	46.944	ng	97
77) Benzidine	19.69	184	181891	30.040	ng	99
78) Pyrene	19.86	202	502250	40.004	ng	98
80) Butylbenzylphthalate	20.73	149	202048	40.013	ng	98
81) Benzo(a)anthracene	21.72	228	473059	42.895	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	143220	33.383	ng	98
83) Chrysene	21.78	228	440852	42.242	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	278462	38.906	ng	99
85) Di-n-octyl phthalate	22.81	149	674064	54.926	ng	100
86) Indeno(1,2,3-cd)pyrene	28.82	276	514554	43.383	ng	99
88) Benzo(b)fluoranthene	23.98	252	477789	43.651	ng	98
89) Benzo(k)fluoranthene	24.05	252	451257	41.395	ng	99
90) Benzo(a)pyrene	24.88	252	450311	42.414	ng #	97
91) Dibenzo(a,h)anthracene	28.89	278	421162	41.825	ng	97
92) Benzo(g,h,i)perylene	30.02	276	420157	42.055	ng #	95

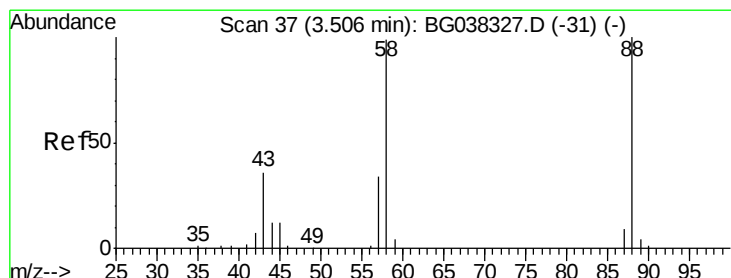
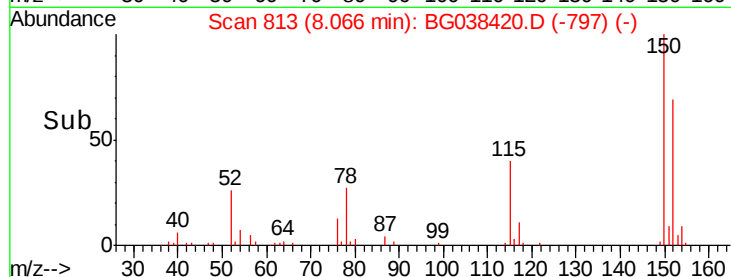
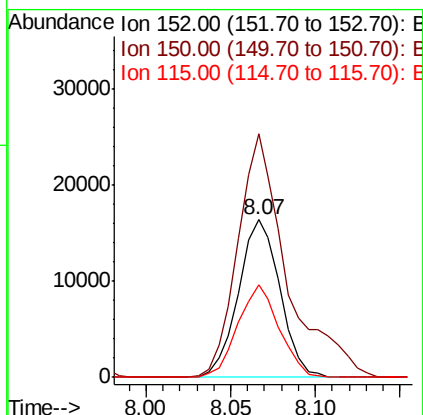
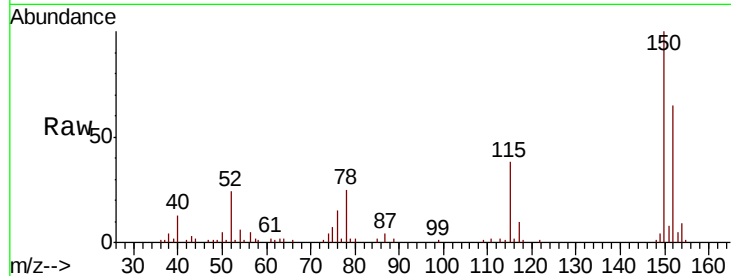
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

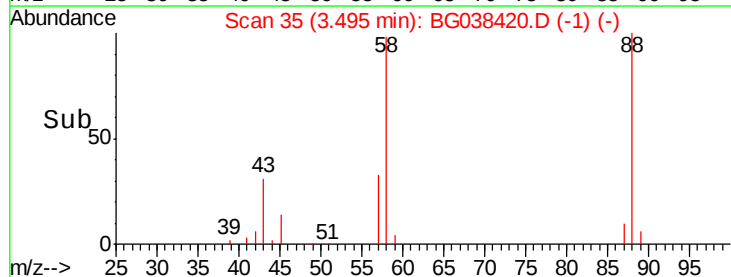
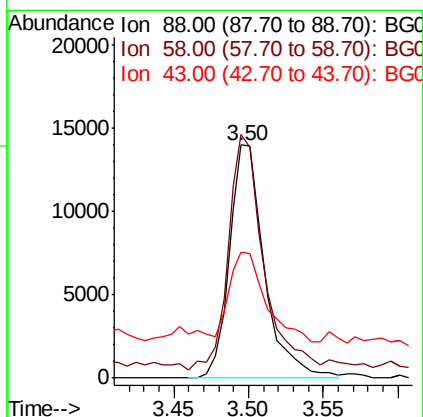
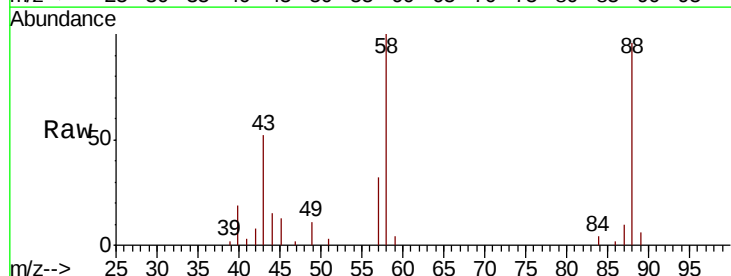
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

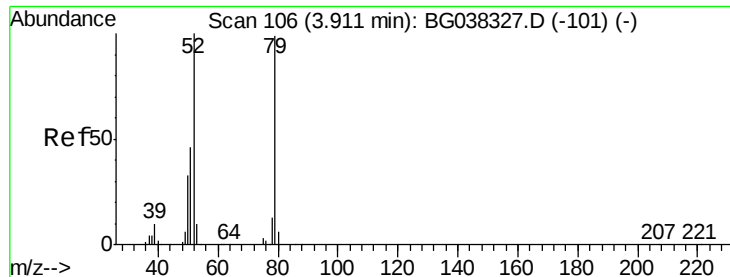
Tgt Ion:152 Resp: 27825
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.0 189.0
 115 58.5 45.5 68.3



#2
 1,4-Dioxane
 Concen: 31.745 ng
 RT: 3.50 min Scan# 35
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion: 88 Resp: 22877
 Ion Ratio Lower Upper
 88 100
 58 100.7 74.4 111.6
 43 39.9 25.8 38.8#





#3

Pyridine

Concen: 32.176 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

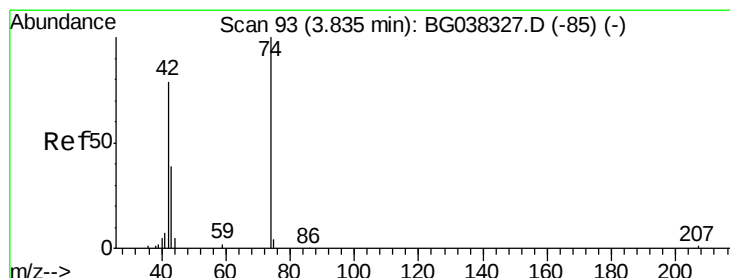
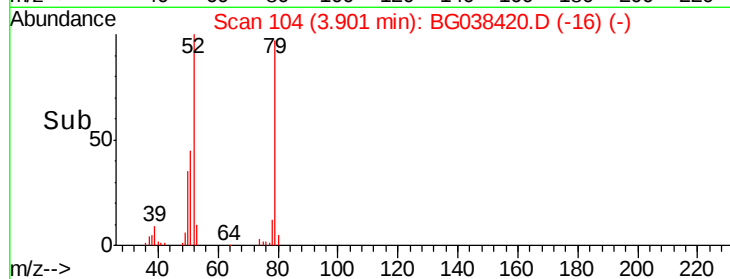
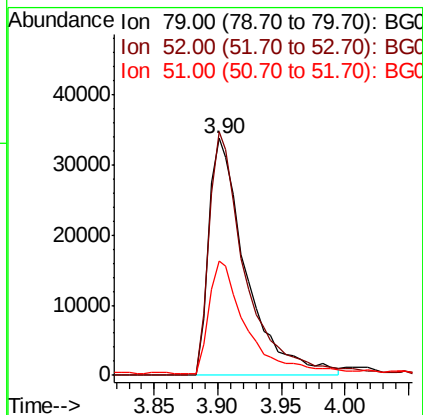
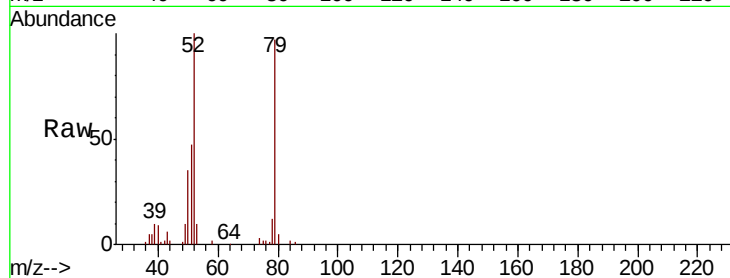
Tgt Ion: 79 Resp: 69369

Ion Ratio Lower Upper

79 100

52 102.7 74.2 111.2

51 48.1 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.999 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

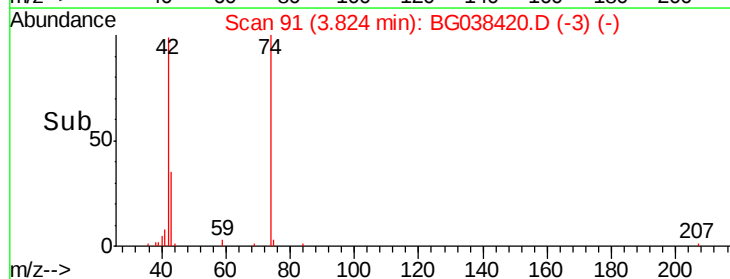
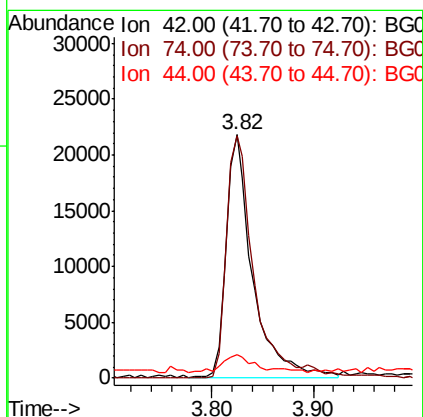
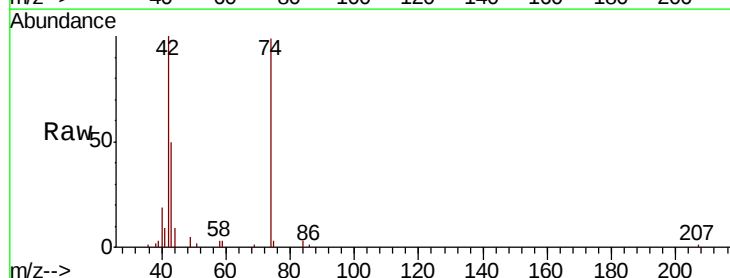
Tgt Ion: 42 Resp: 39663

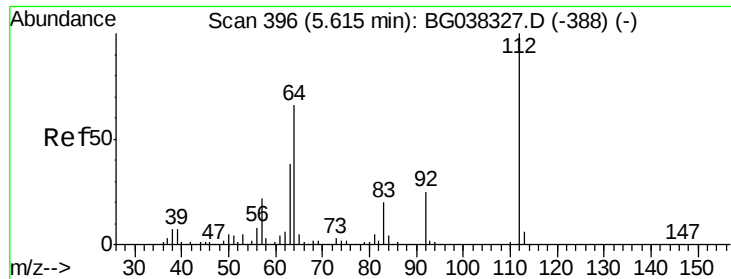
Ion Ratio Lower Upper

42 100

74 99.3 102.0 153.0#

44 9.5 9.6 14.4#





#5

2-Fluorophenol

Concen: 121.439 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

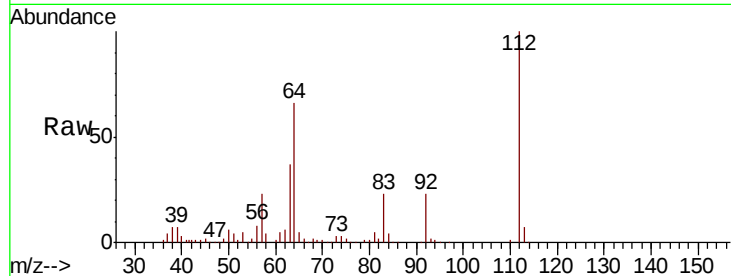
Tgt Ion:112 Resp: 190944

Ion Ratio Lower Upper

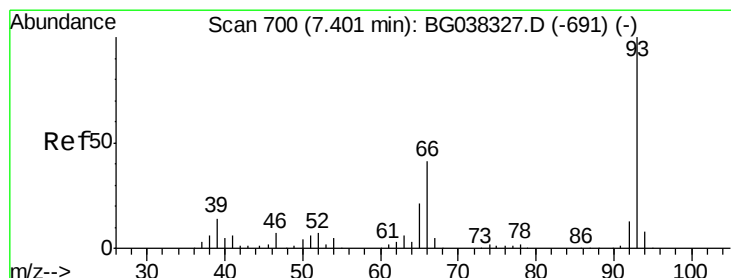
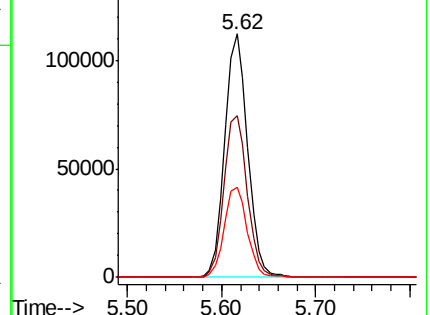
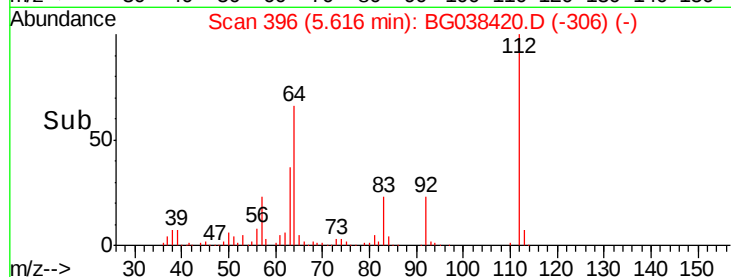
112 100

64 66.4 53.1 79.7

63 37.2 27.3 40.9



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



#6

Aniline

Concen: 32.674 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

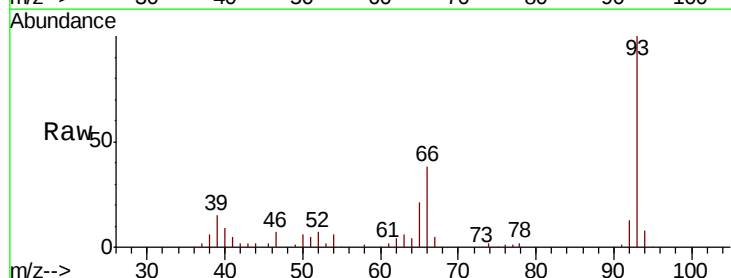
Tgt Ion: 93 Resp: 94838

Ion Ratio Lower Upper

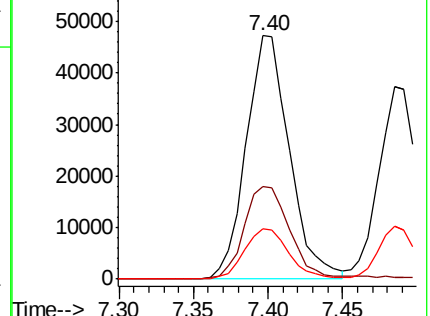
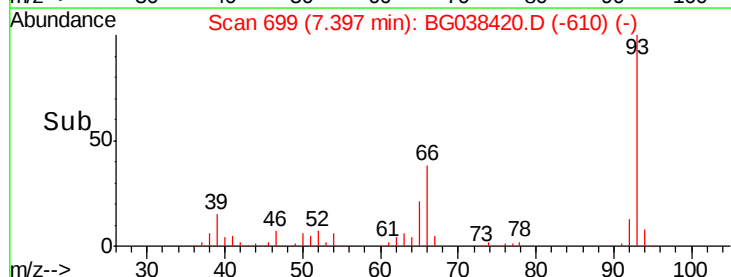
93 100

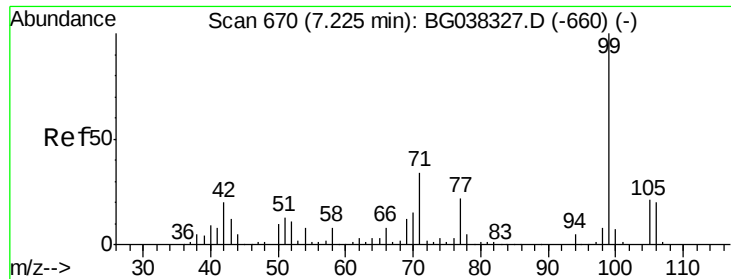
66 38.2 32.8 49.2

65 20.8 16.4 24.6



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





#7

Phenol-d6

Concen: 114.994 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

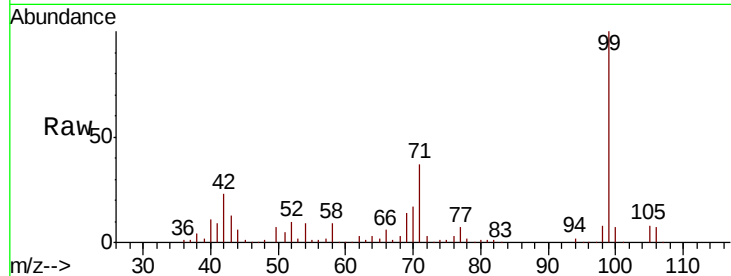
Tgt Ion: 99 Resp: 261333

Ion Ratio Lower Upper

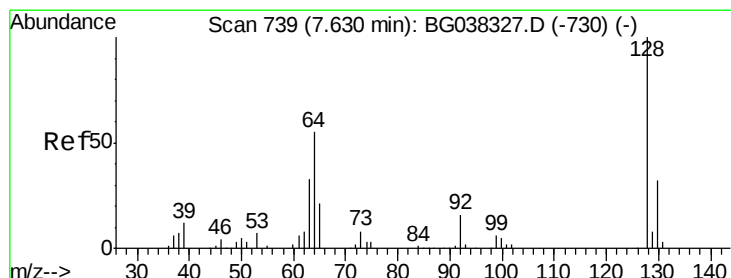
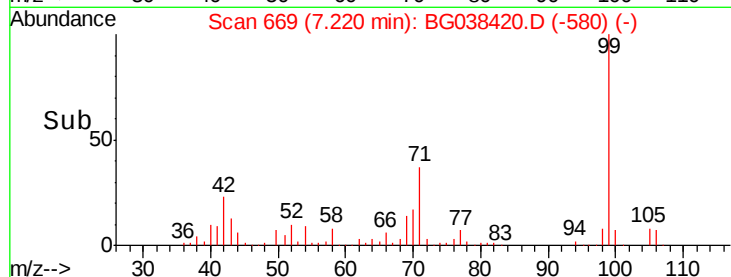
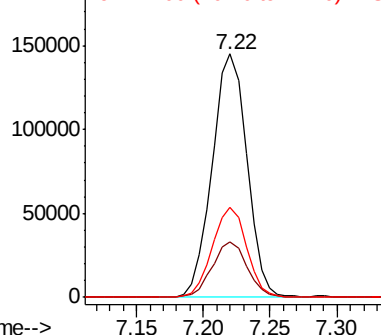
99 100

42 22.6 15.0 22.4#

71 37.2 25.5 38.3



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



#8

2-Chlorophenol

Concen: 40.138 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

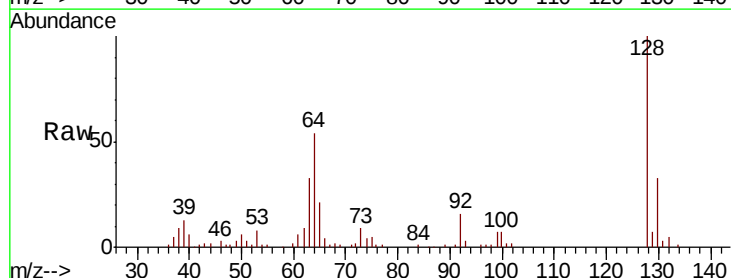
Tgt Ion: 128 Resp: 73296

Ion Ratio Lower Upper

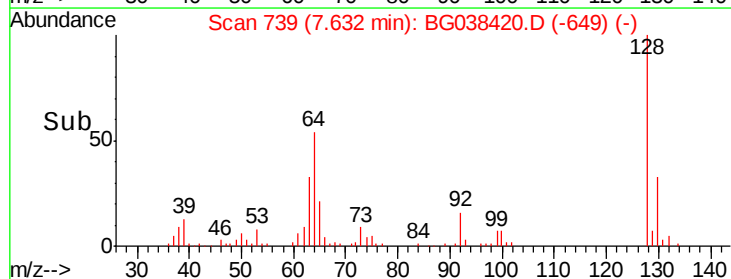
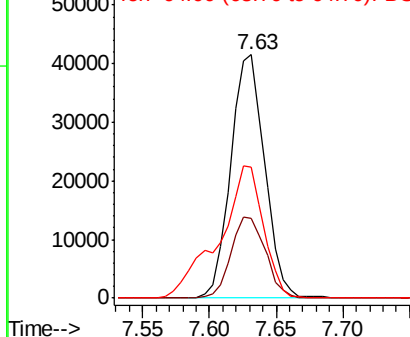
128 100

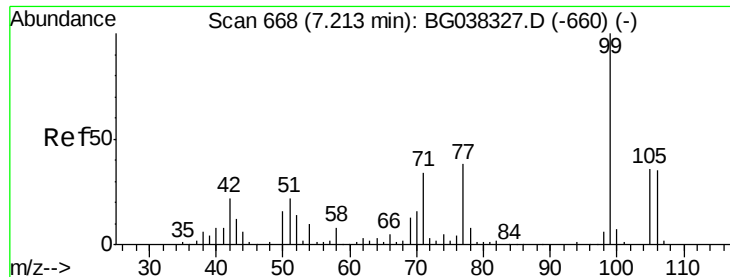
130 32.6 12.0 52.0

64 53.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 20.926 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

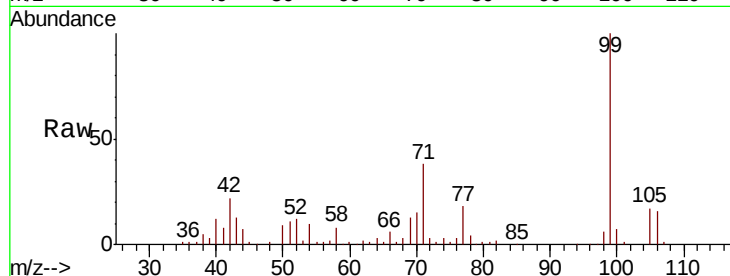
Tgt Ion: 77 Resp: 30114

Ion Ratio Lower Upper

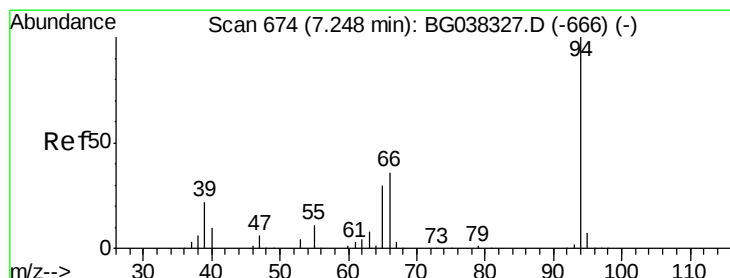
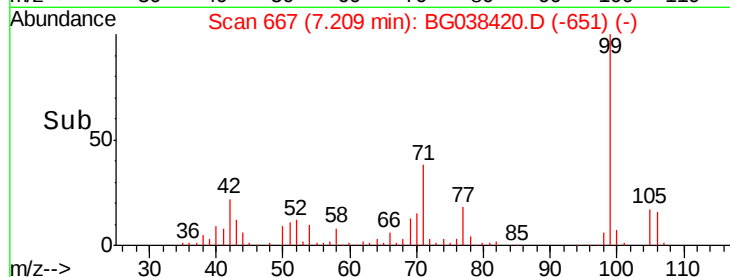
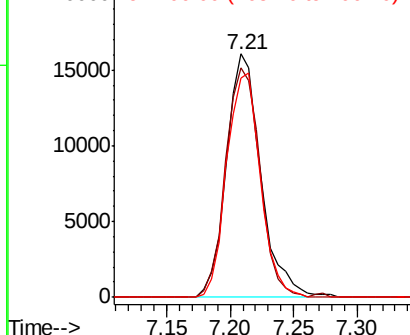
77 100

105 94.1 72.6 112.6

106 90.1 71.3 111.3



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



#10

Phenol

Concen: 38.520 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

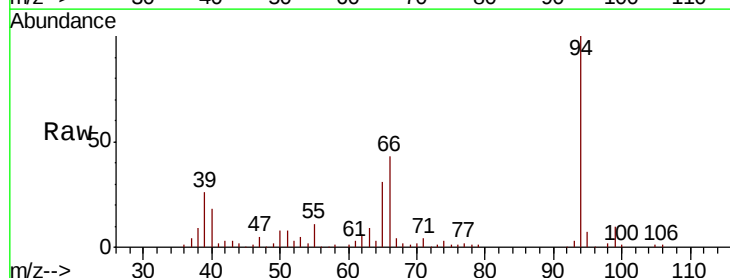
Tgt Ion: 94 Resp: 92491

Ion Ratio Lower Upper

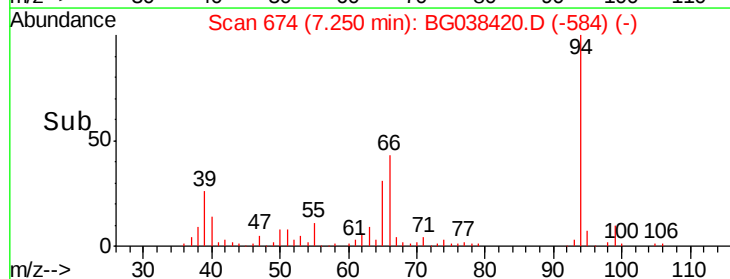
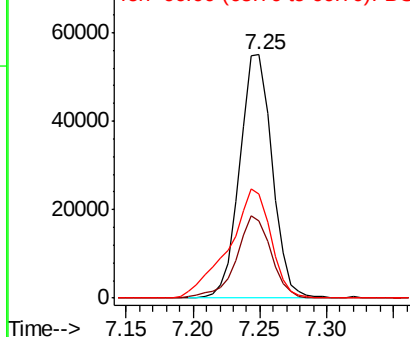
94 100

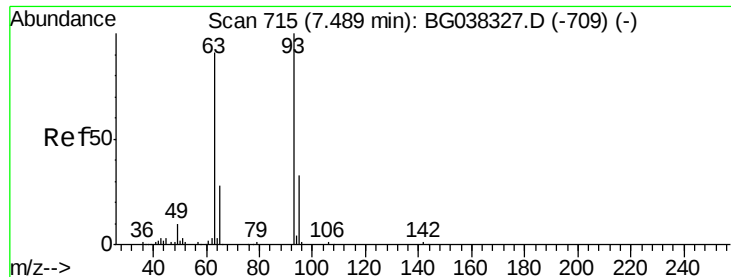
65 31.5 9.7 49.7

66 42.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

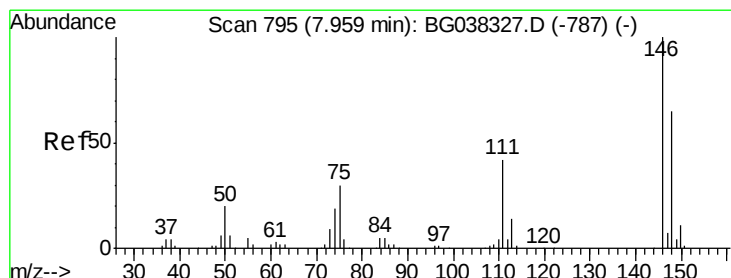
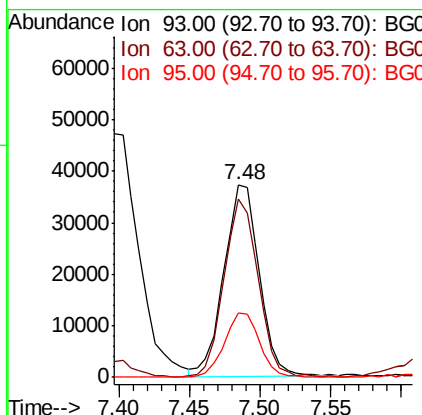
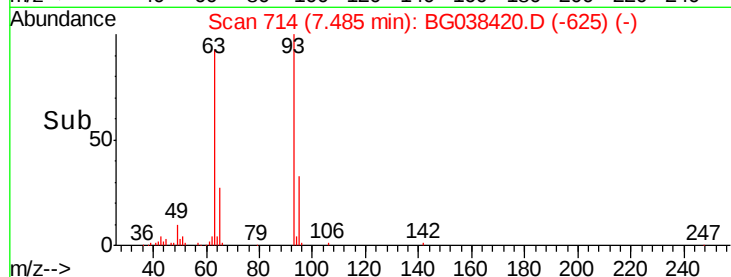
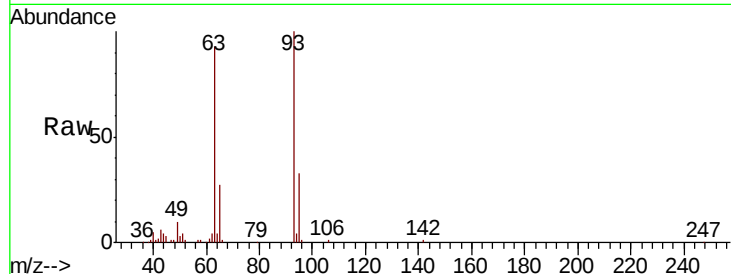




#11
bis(2-Chloroethyl)ether
Concen: 32.940 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

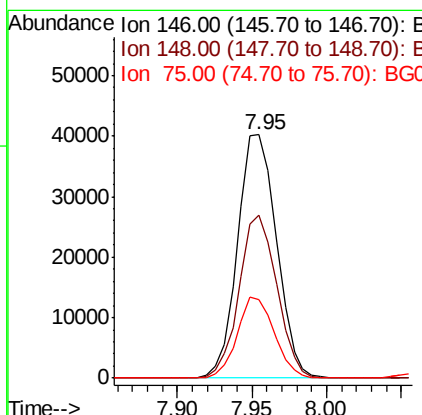
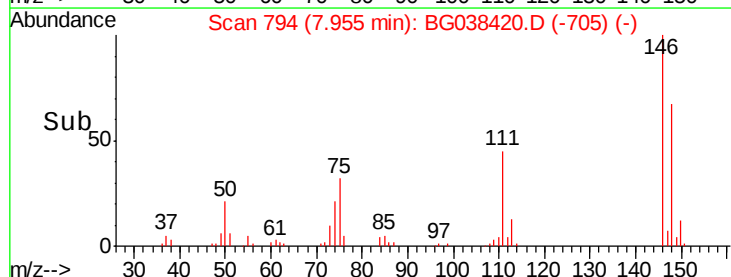
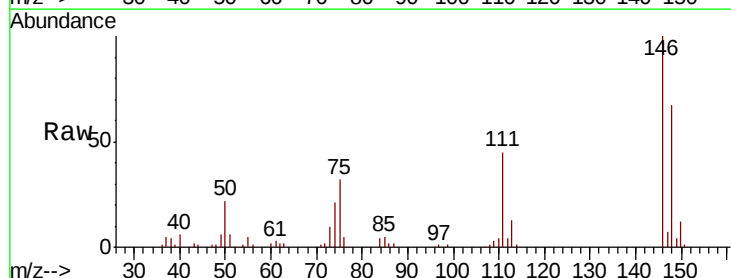
Instrument :
BNA_G
ClientSampleId :
PB115253BS

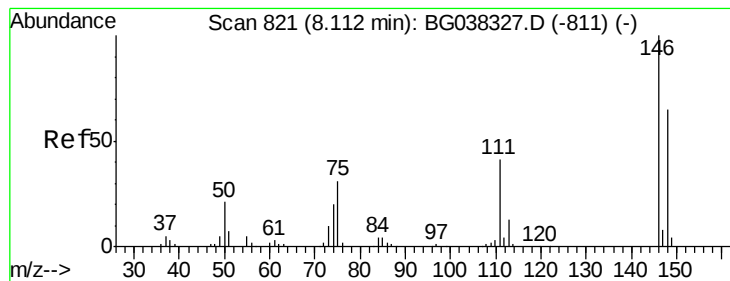
Tgt Ion: 93 Resp: 64777
Ion Ratio Lower Upper
93 100
63 92.7 69.5 109.5
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 34.165 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion: 146 Resp: 72918
Ion Ratio Lower Upper
146 100
148 66.9 49.8 74.8
75 32.0 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 35.253 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

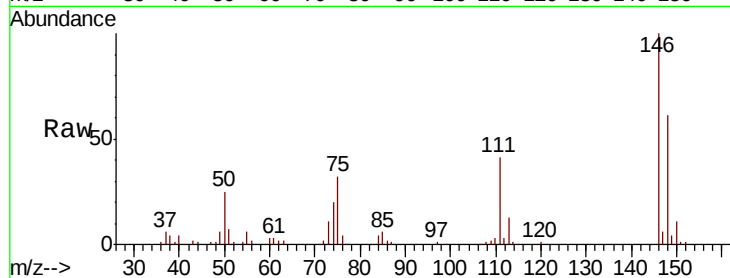
Tgt Ion:146 Resp: 77847

Ion Ratio Lower Upper

146 100

148 60.6 51.0 76.6

111 40.8 32.4 48.6

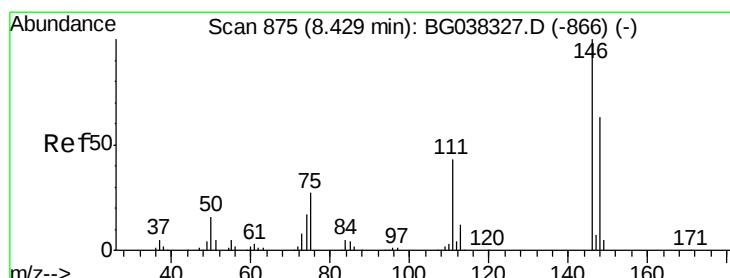
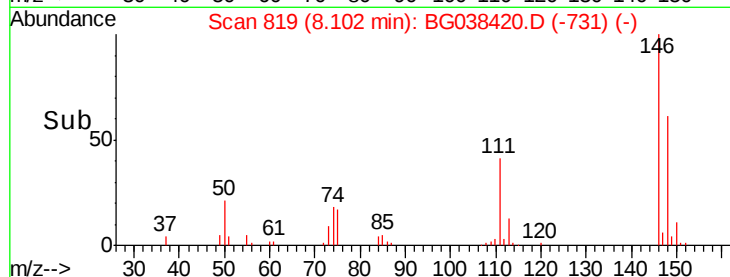
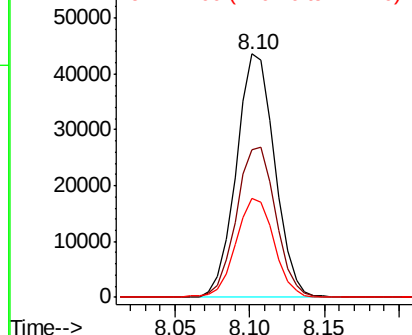


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.092 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

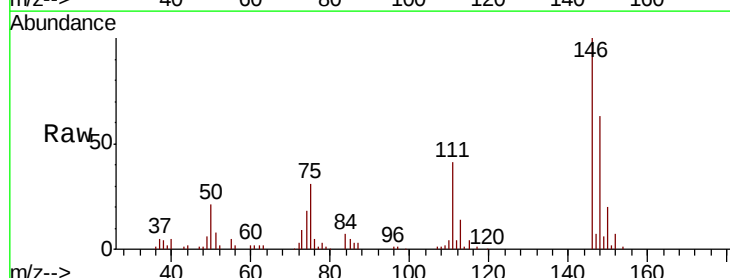
Tgt Ion:146 Resp: 73378

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

111 40.9 34.6 51.8

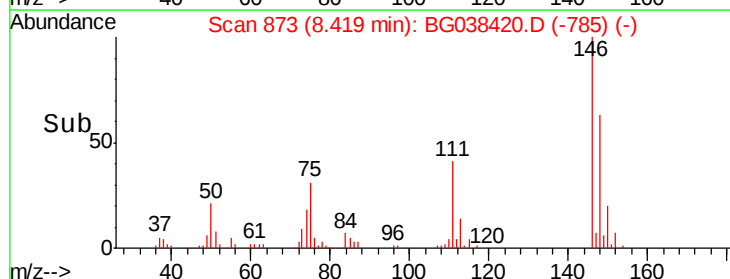
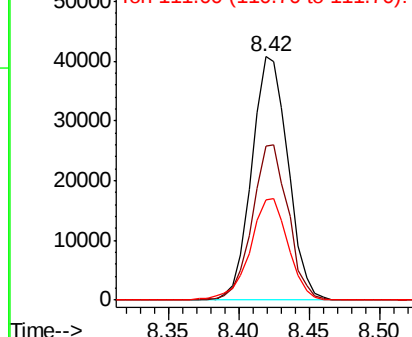


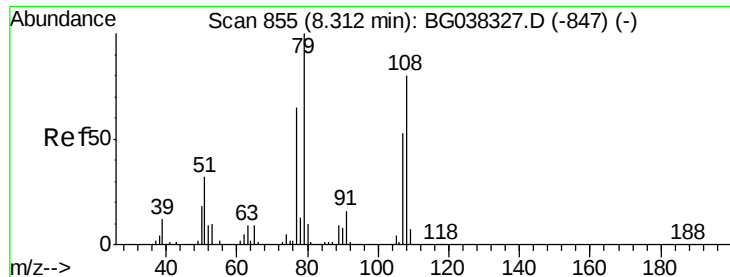
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.731 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

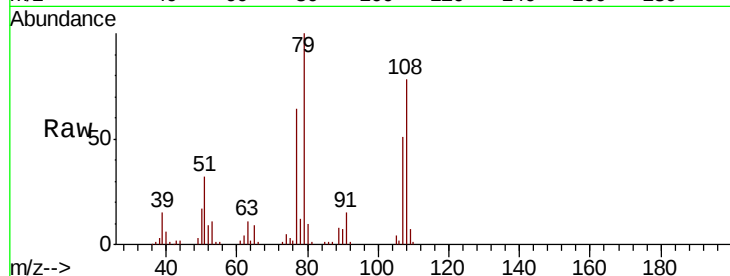
Tgt Ion: 79 Resp: 70495

Ion Ratio Lower Upper

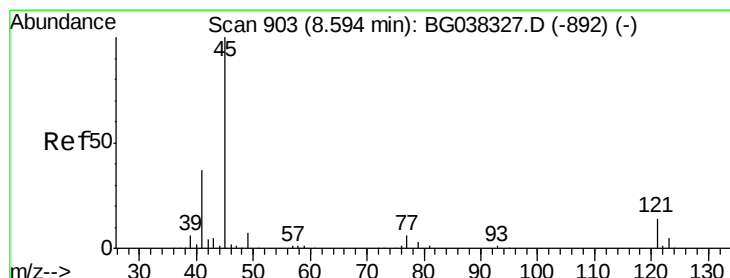
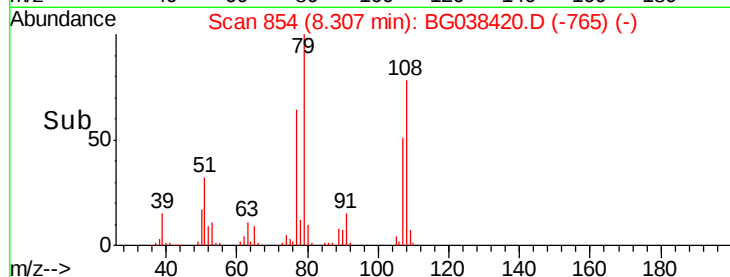
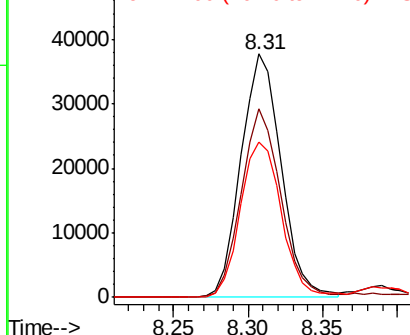
79 100

108 77.7 65.8 98.8

77 63.8 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.960 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

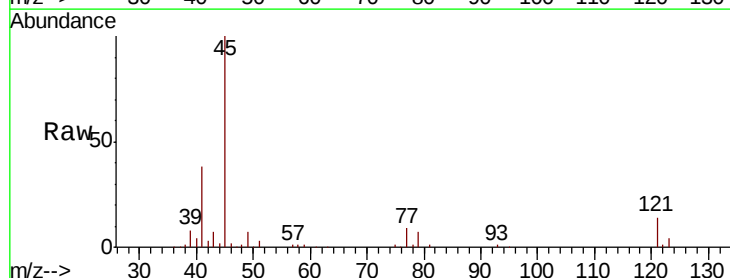
Tgt Ion: 45 Resp: 147430

Ion Ratio Lower Upper

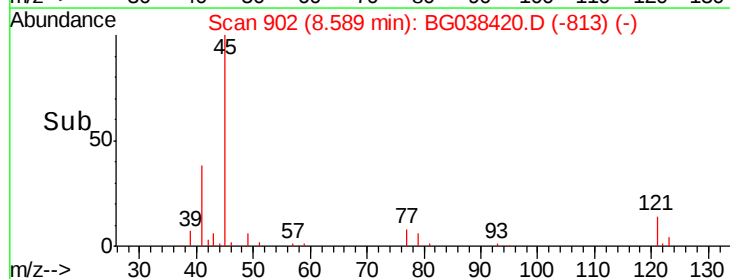
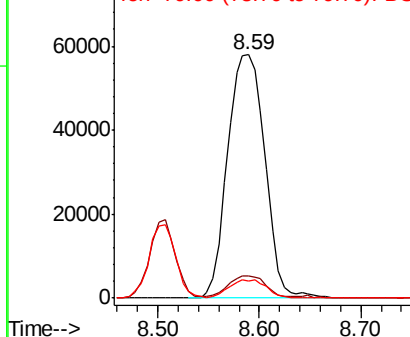
45 100

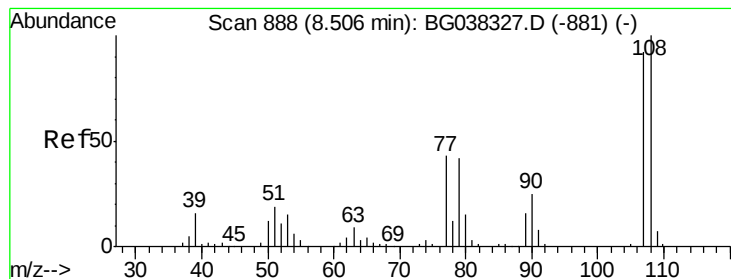
77 9.2 0.0 30.0

79 7.1 0.0 29.0



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

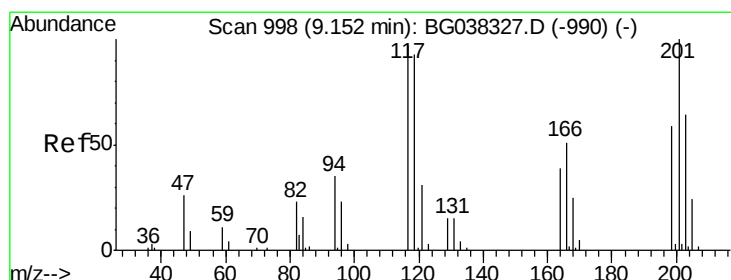
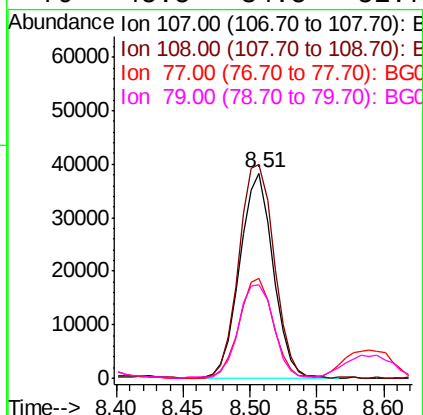
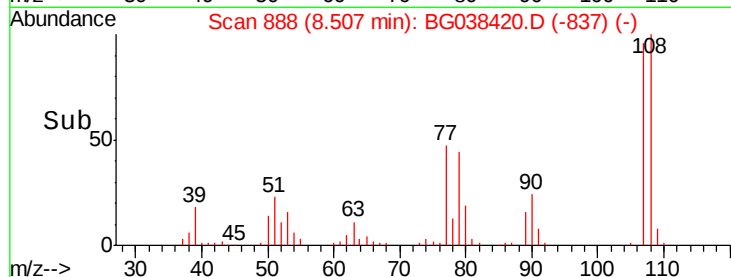
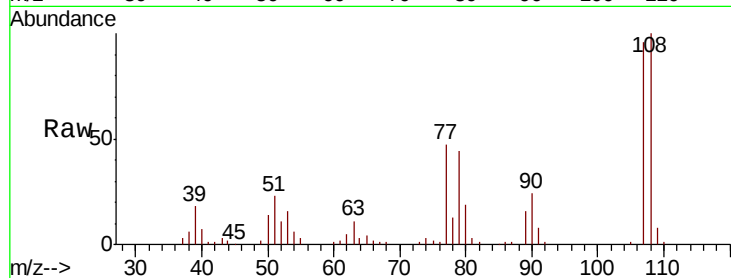




#17
2-Methylphenol
Concen: 39.324 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

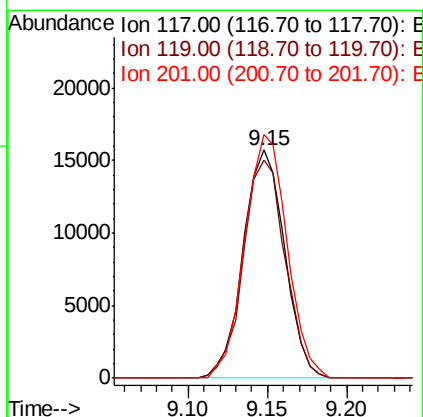
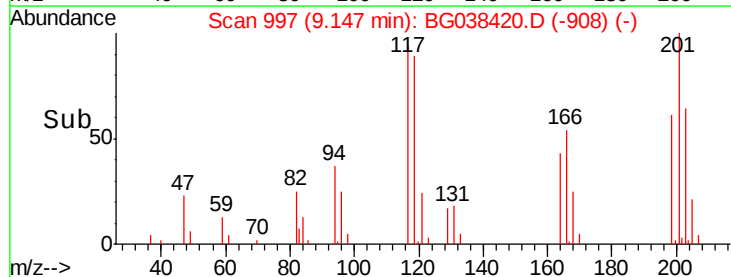
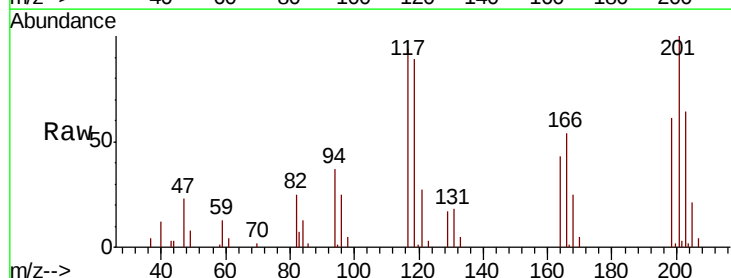
Instrument :
BNA_G
ClientSampleId :
PB115253BS

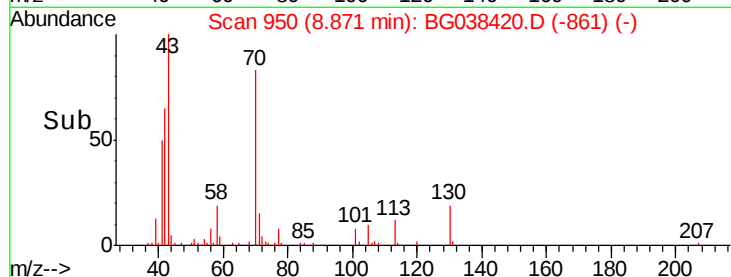
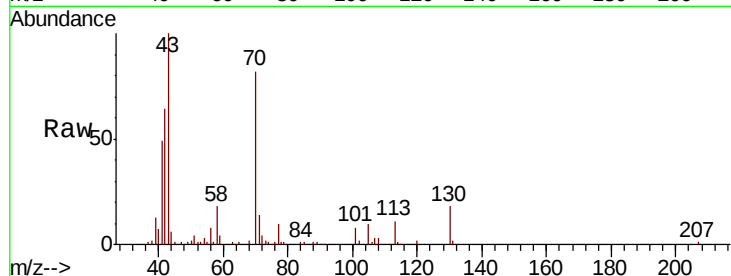
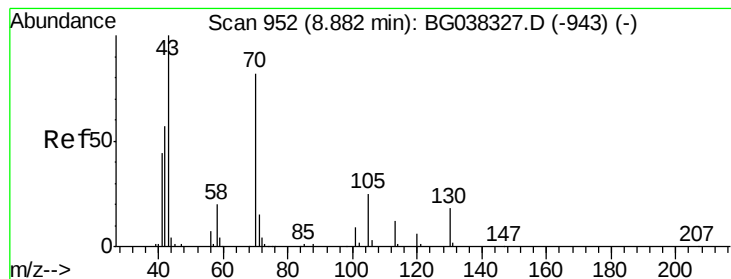
Tgt Ion:107 Resp: 66278
Ion Ratio Lower Upper
107 100
108 104.2 87.9 131.9
77 48.8 35.1 52.7
79 45.5 34.5 51.7



#18
Hexachloroethane
Concen: 35.795 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:117 Resp: 28529
Ion Ratio Lower Upper
117 100
119 95.6 74.6 111.8
201 110.0 80.8 121.2





#19

n-Nitroso-di-n-propylamine

Concen: 33.496 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

Tgt Ion: 70 Resp: 56204

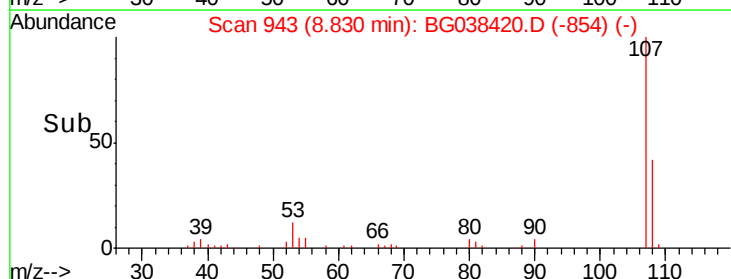
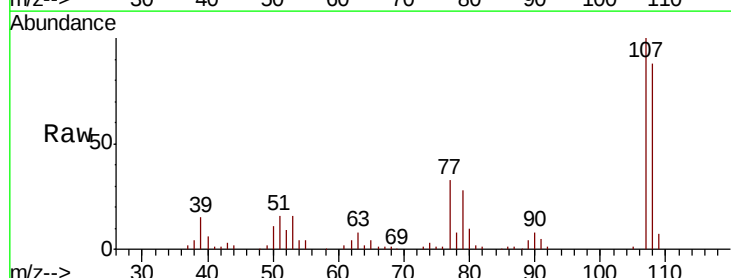
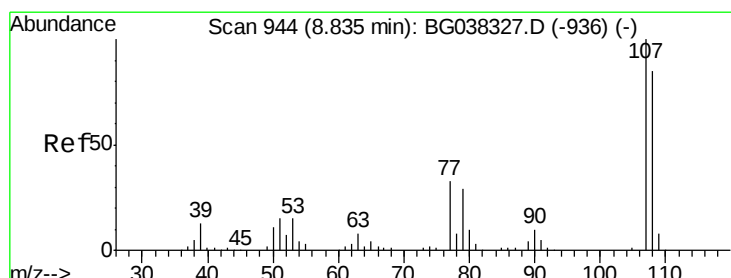
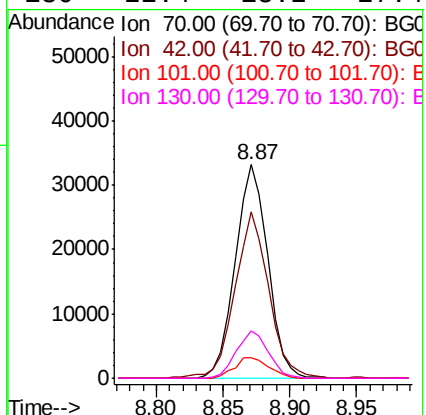
Ion Ratio Lower Upper

70 100

42 77.8 53.9 80.9

101 9.9 8.2 12.2

130 22.4 18.2 27.4



#20

3+4-Methylphenols

Concen: 37.180 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Tgt Ion: 107 Resp: 89939

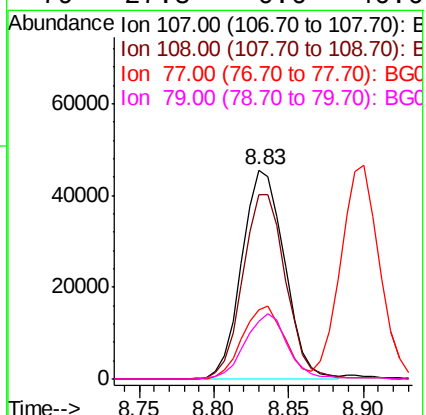
Ion Ratio Lower Upper

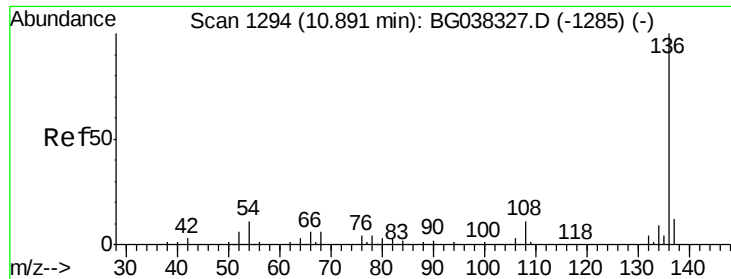
107 100

108 88.4 69.9 109.9

77 33.2 11.2 51.2

79 27.8 6.6 46.6

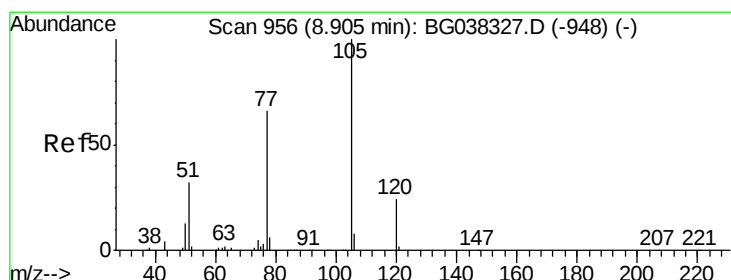
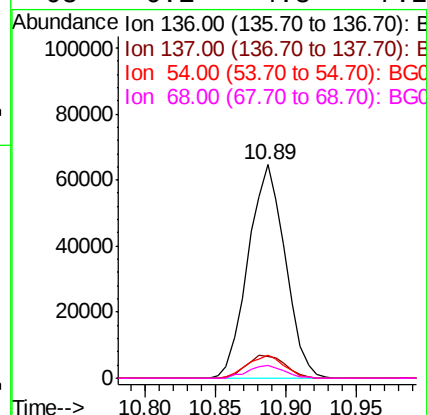
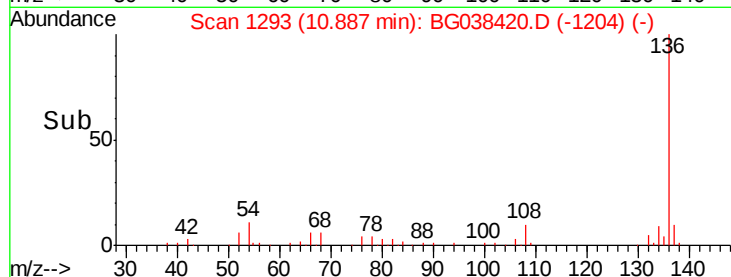
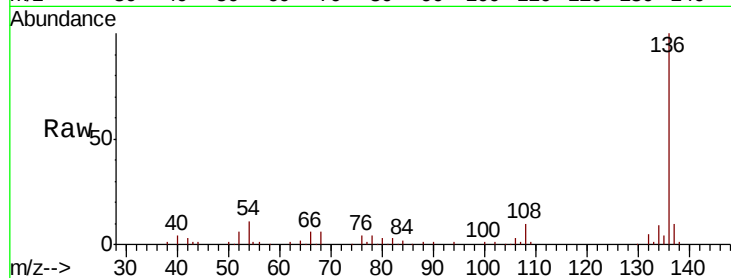




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

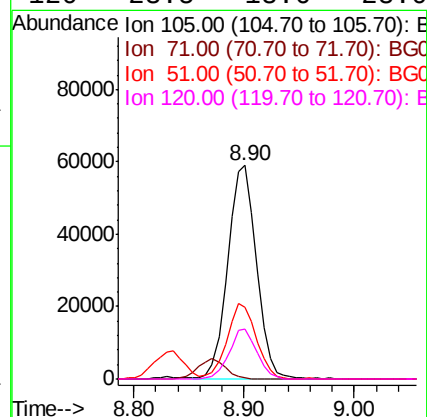
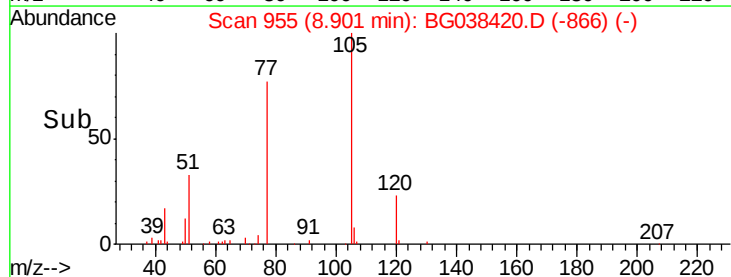
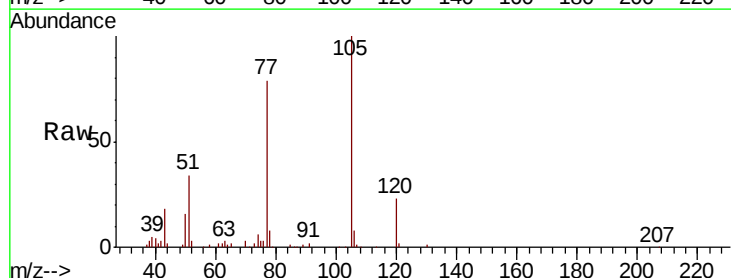
Instrument :
BNA_G
ClientSampleId :
PB115253BS

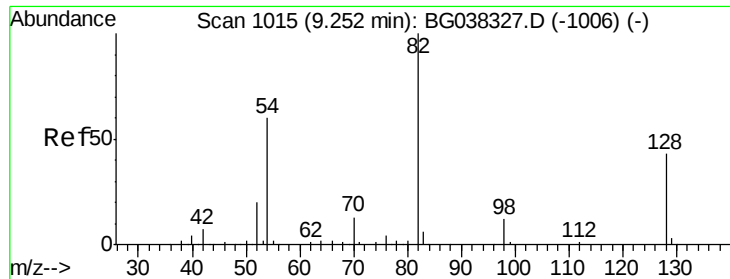
Tgt Ion:	136	Resp:	119225
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	10.7	7.9	11.9
68	6.1	4.8	7.2



#22
Acetophenone
Concen: 37.238 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:	105	Resp:	107684
Ion	Ratio	Lower	Upper
105	100		
71	0.4	1.2	1.8#
51	33.8	25.0	37.6
120	23.5	18.6	28.0

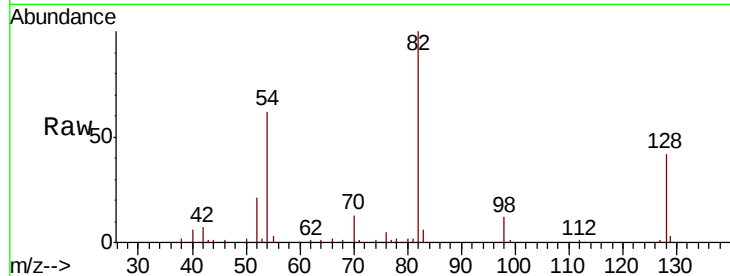




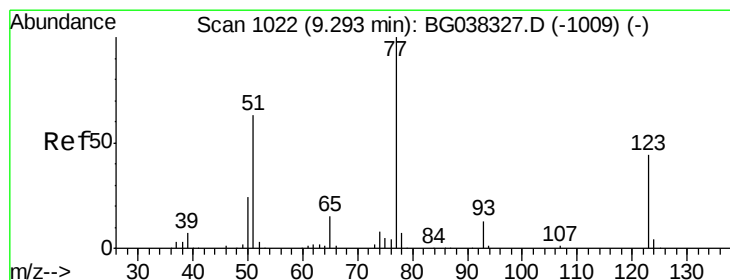
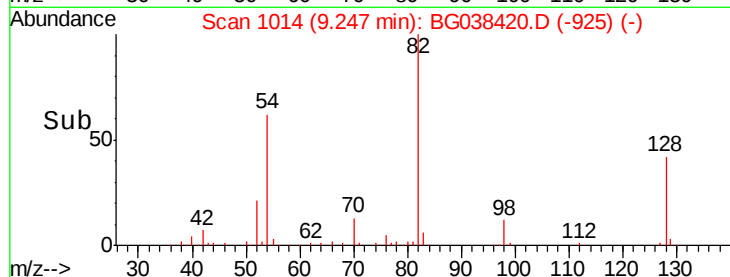
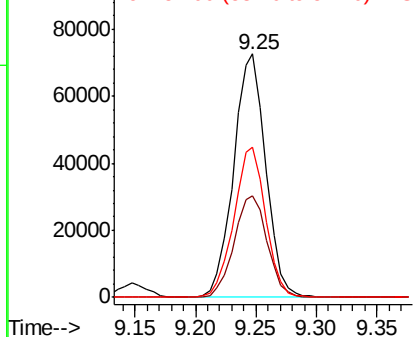
#23
Nitrobenzene-d5
Concen: 55.895 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion: 82 Resp: 134228
Ion Ratio Lower Upper
82 100
128 41.8 34.6 51.8
54 61.5 45.3 67.9

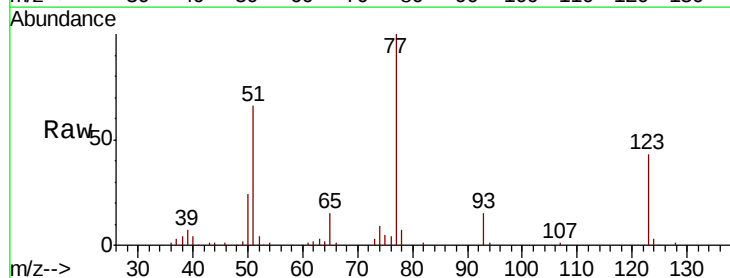


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

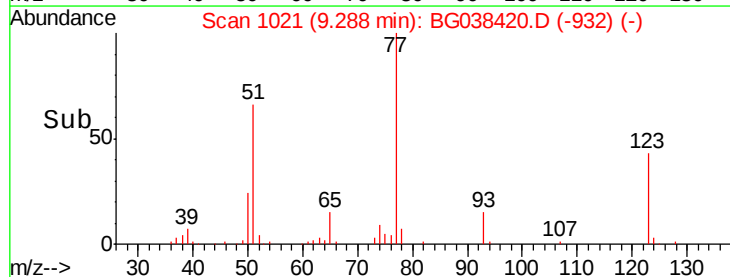
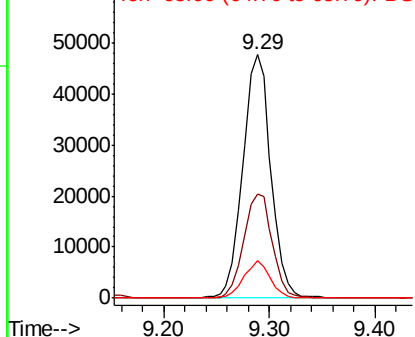


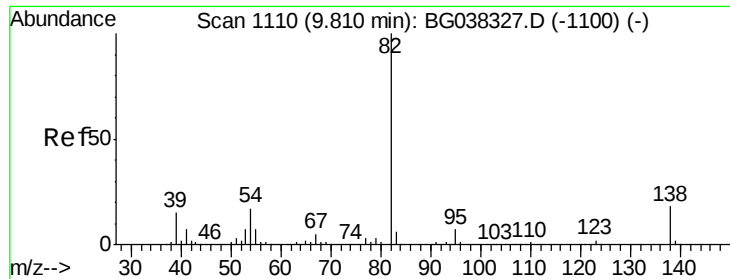
#24
Nitrobenzene
Concen: 35.943 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion: 77 Resp: 87694
Ion Ratio Lower Upper
77 100
123 42.7 33.6 50.4
65 15.2 11.3 16.9



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

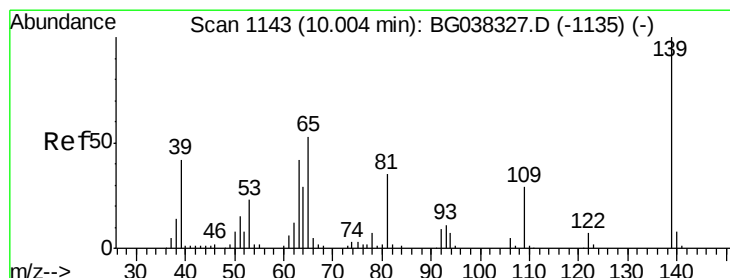
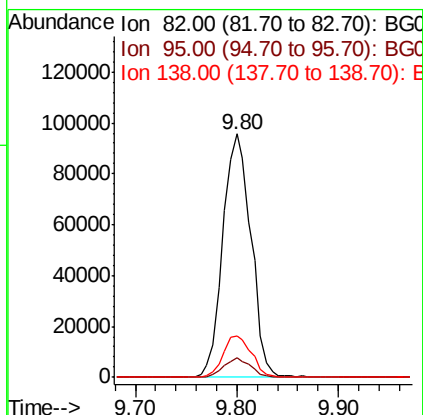
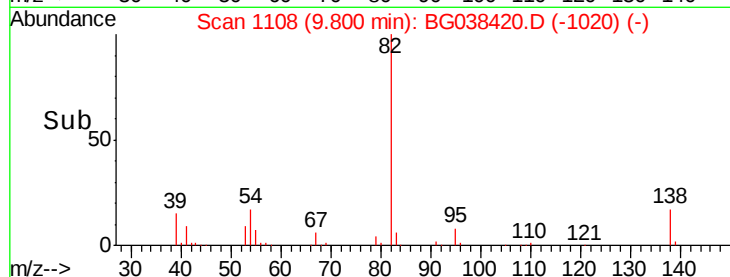
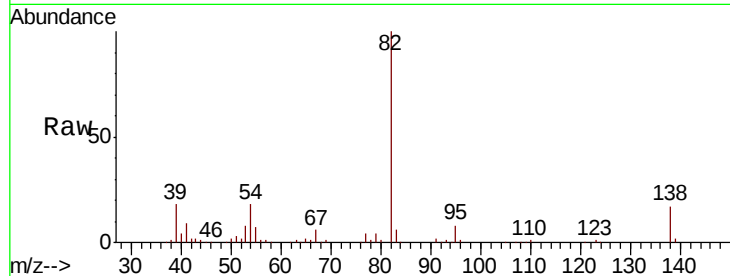




#25
Isophorone
Concen: 43.662 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

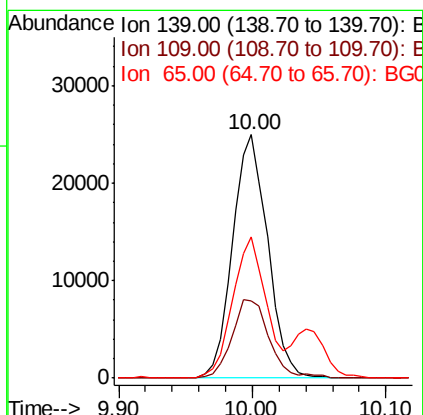
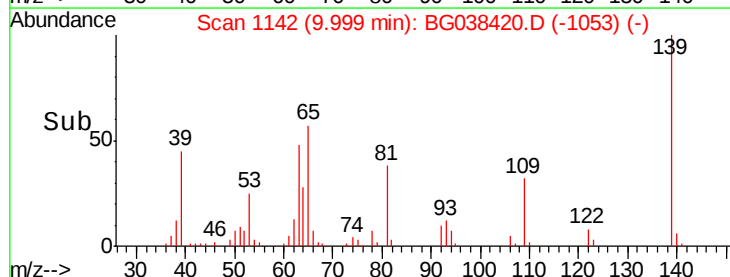
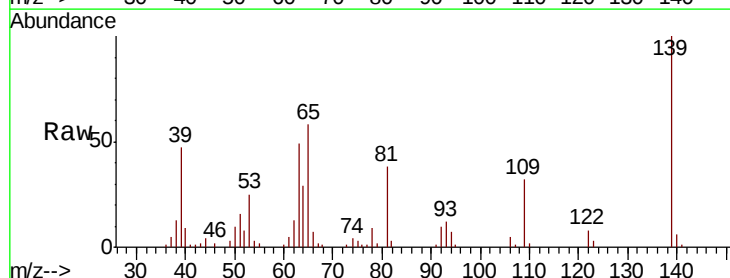
Instrument :
BNA_G
ClientSampleId :
PB115253BS

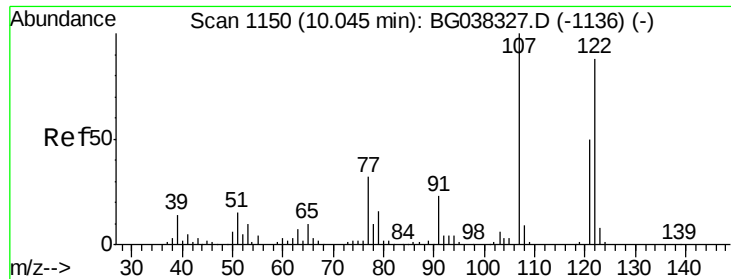
Tgt Ion: 82 Resp: 184262
Ion Ratio Lower Upper
82 100
95 7.9 5.3 7.9
138 16.9 13.3 19.9



#26
2-Nitrophenol
Concen: 40.228 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion: 139 Resp: 45477
Ion Ratio Lower Upper
139 100
109 32.0 23.3 34.9
65 58.3 39.8 59.8

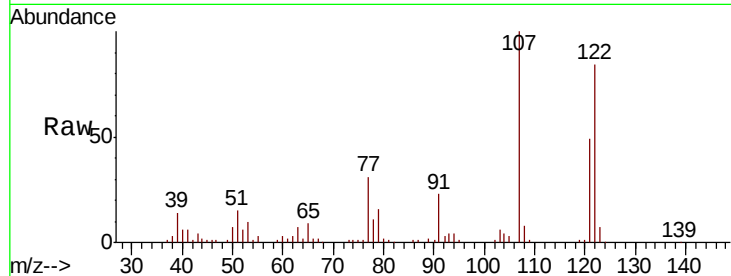




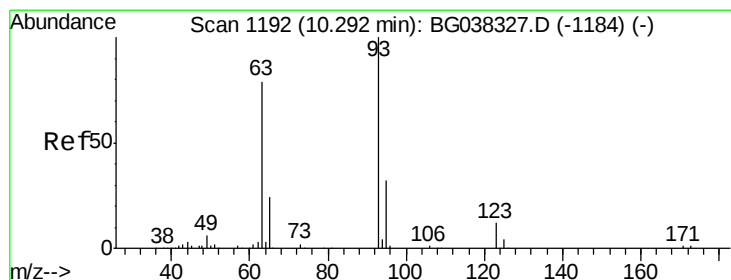
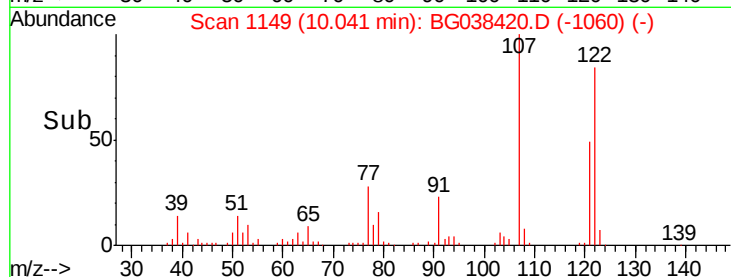
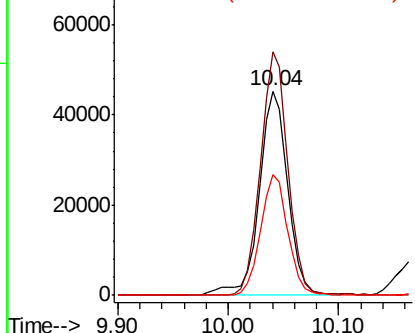
#27
 2,4-Dimethylphenol
 Concen: 50.382 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion: 122 Resp: 81807
 Ion Ratio Lower Upper
 122 100
 107 119.0 94.2 141.2
 121 58.8 47.3 70.9

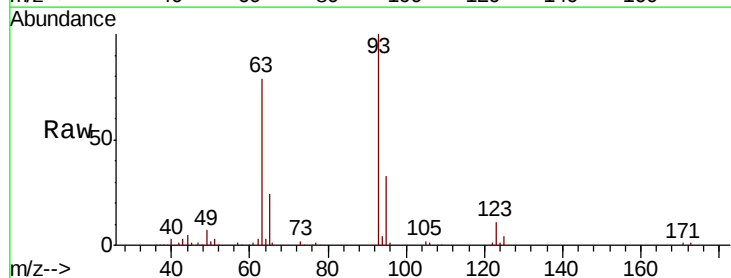


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

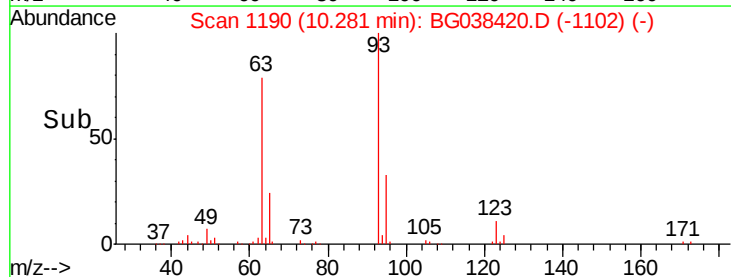
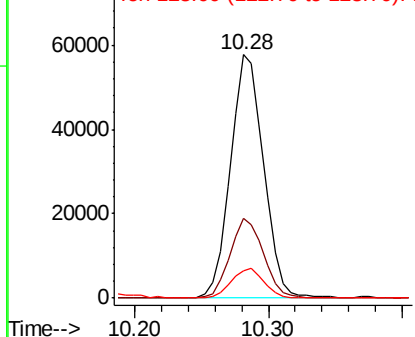


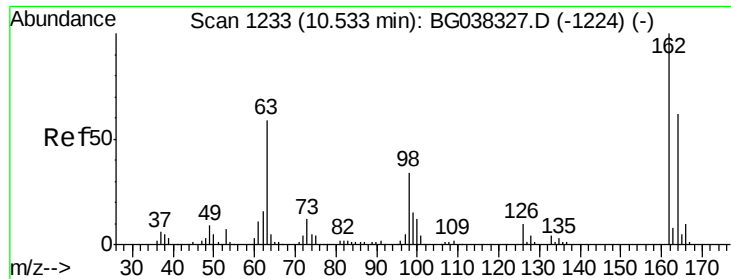
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.167 ng
 RT: 10.28 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion: 93 Resp: 99596
 Ion Ratio Lower Upper
 93 100
 95 32.8 24.6 37.0
 123 11.3 9.1 13.7



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

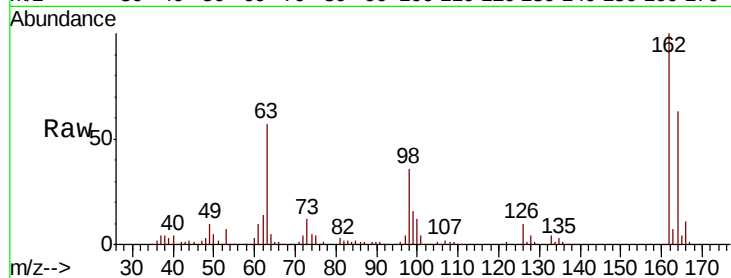




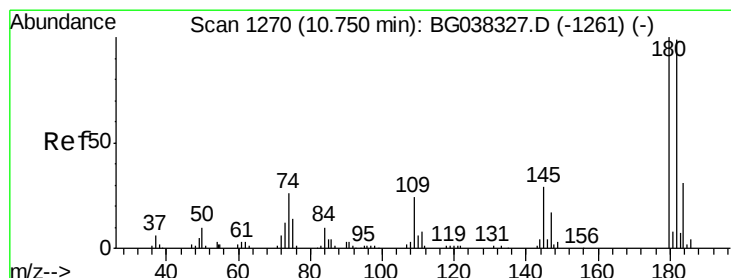
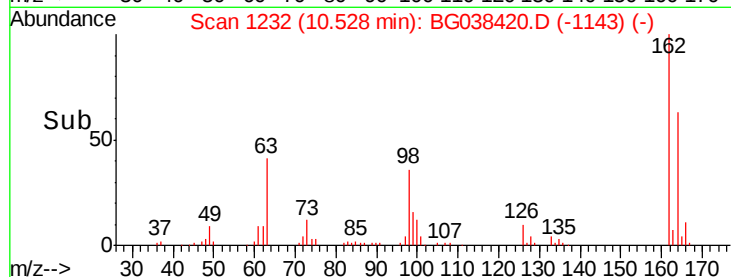
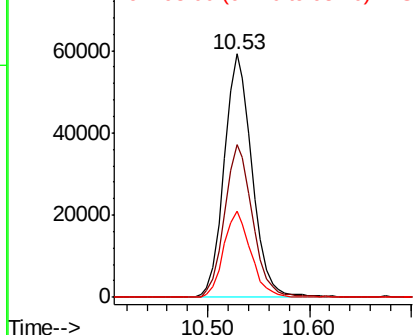
#29
 2,4-Dichlorophenol
 Concen: 60.776 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.2	83.2
98	35.6	16.0	56.0

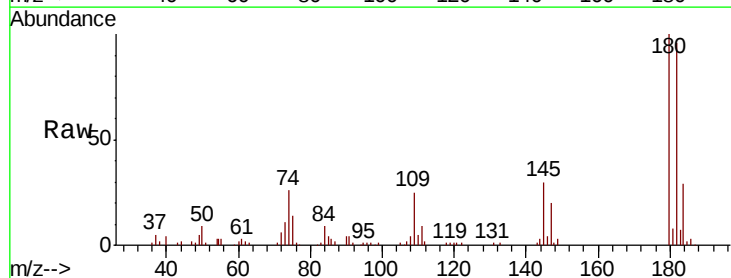


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

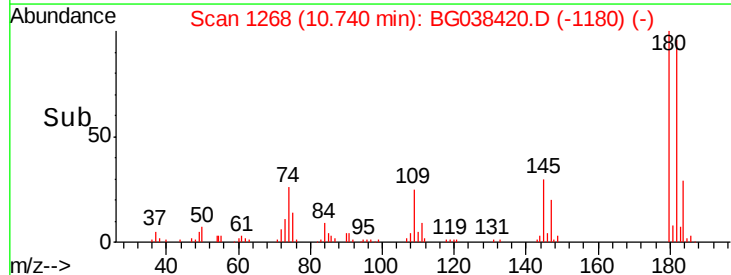
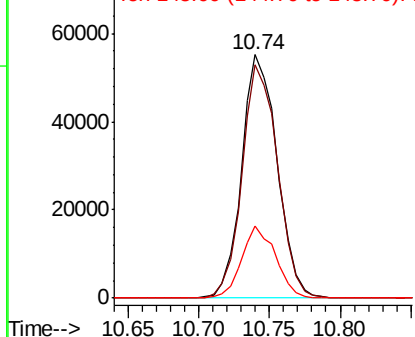


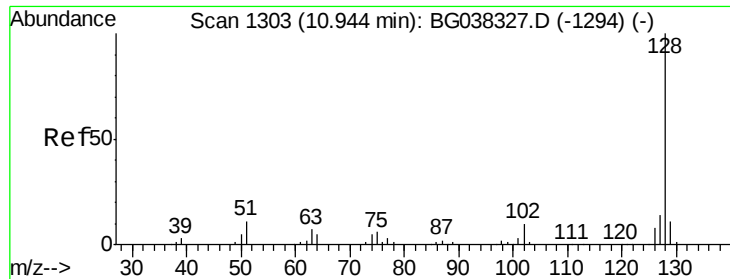
#30
 1,2,4-Trichlorobenzene
 Concen: 44.577 ng
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.7	116.5
145	29.6	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

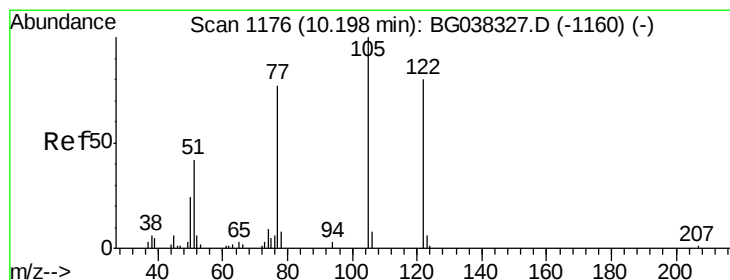
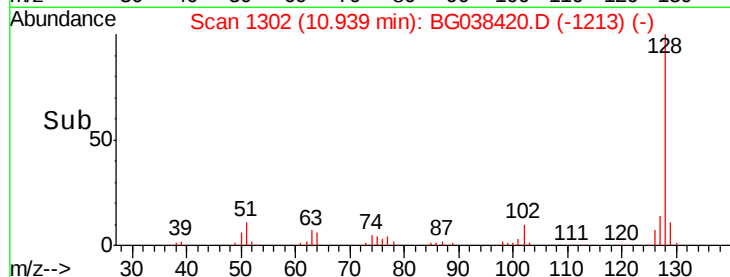
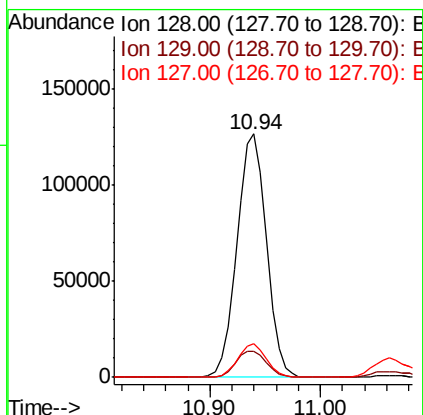
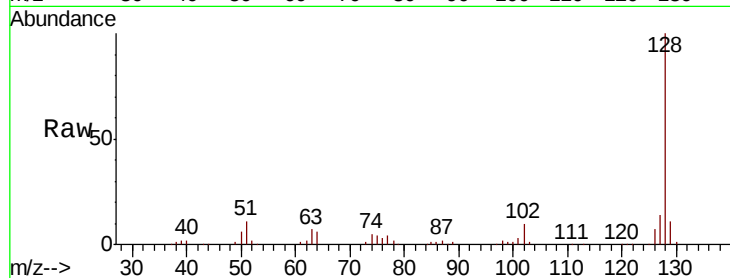




#31
Naphthalene
Concen: 41.614 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

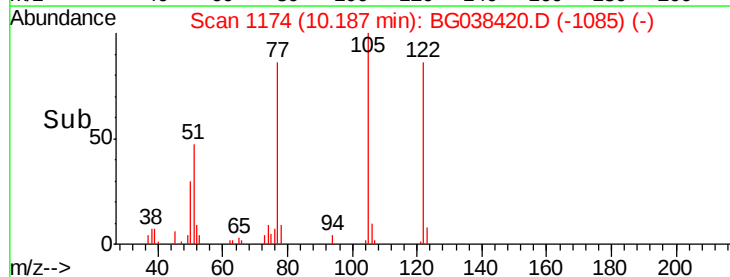
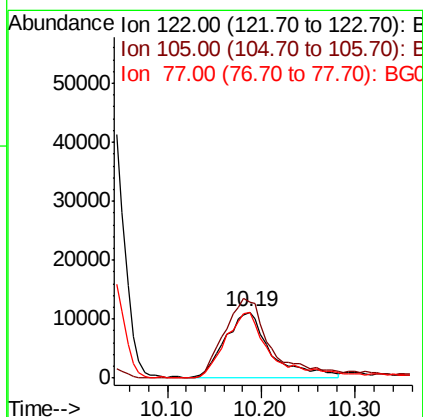
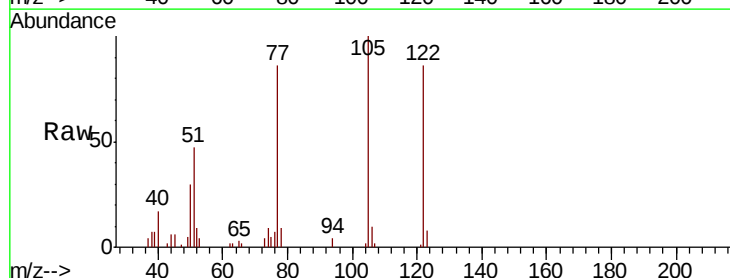
Instrument :
BNA_G
ClientSampleId :
PB115253BS

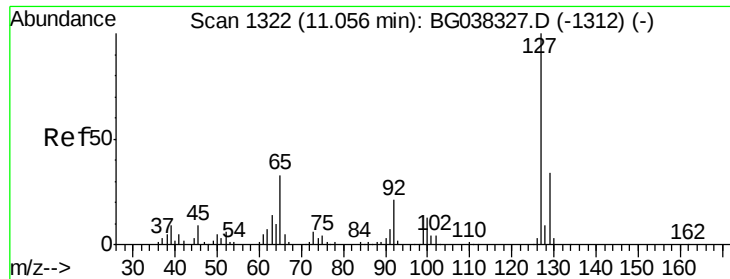
Tgt Ion:128 Resp: 236994
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 34.481 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:122 Resp: 38033
Ion Ratio Lower Upper
122 100
105 116.3 106.7 146.7
77 100.0 72.2 112.2

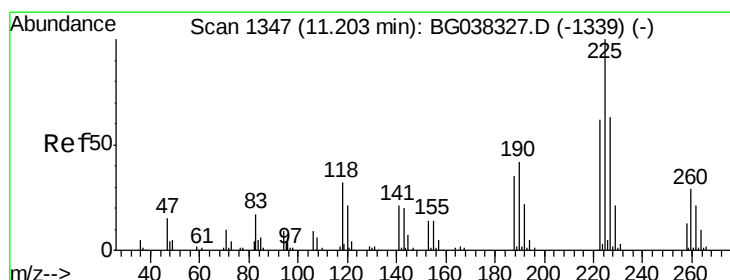
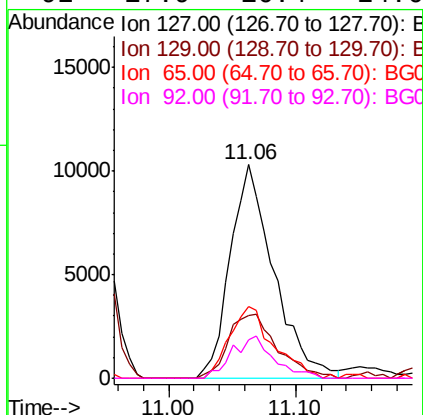
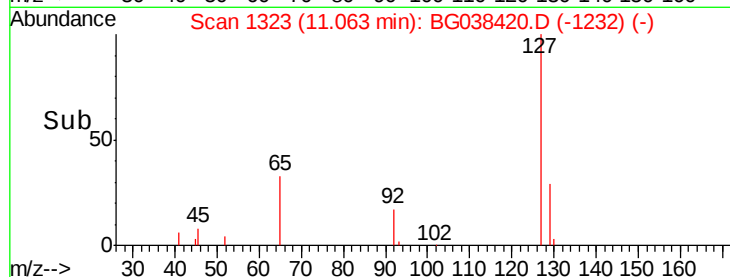
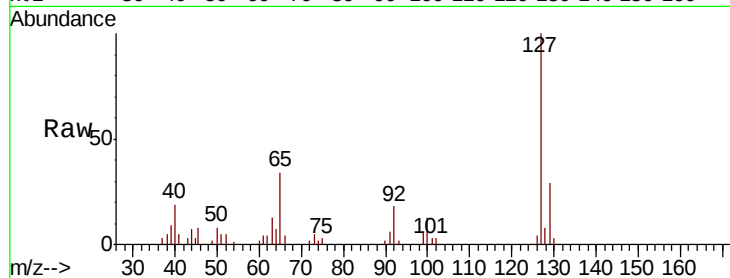




#33
4-Chloroaniline
Concen: 9.732 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

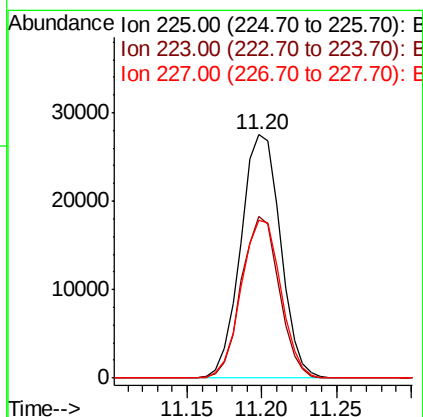
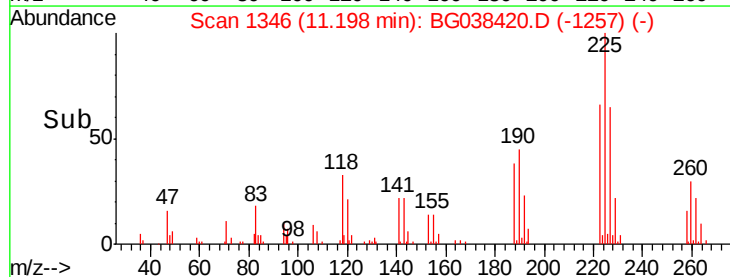
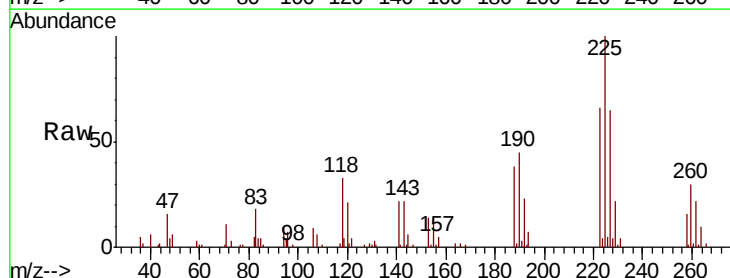
Instrument :
BNA_G
ClientSampleId :
PB115253BS

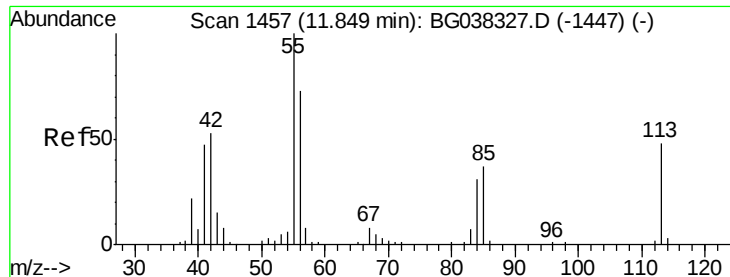
Tgt Ion:	127	Resp:	24535
Ion	Ratio	Lower	Upper
127	100		
129	29.4	27.1	40.7
65	33.6	26.6	39.8
92	17.9	16.4	24.6



#34
Hexachlorobutadiene
Concen: 37.241 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:	225	Resp:	50692
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.2	72.4
227	65.1	51.6	77.4





#35

Caprolactam

Concen: 38.480 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

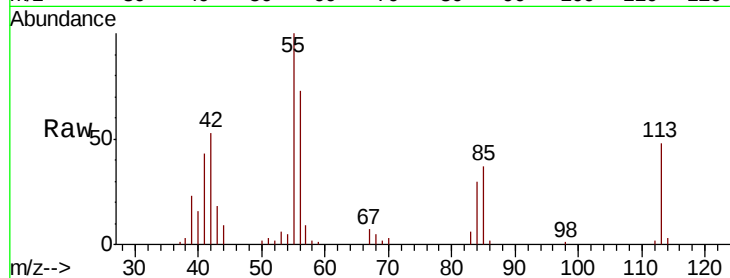
Tgt Ion:113 Resp: 29494

Ion Ratio Lower Upper

113 100

55 210.3 176.6 216.6

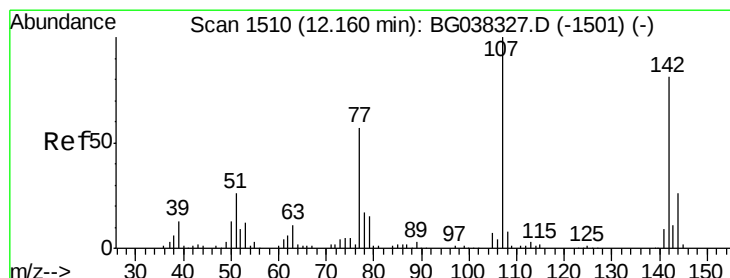
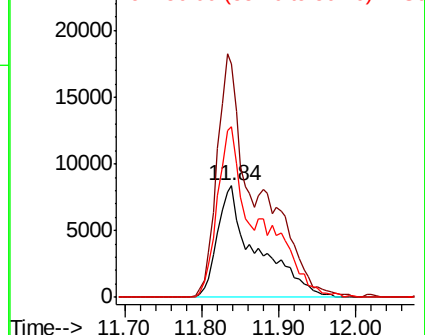
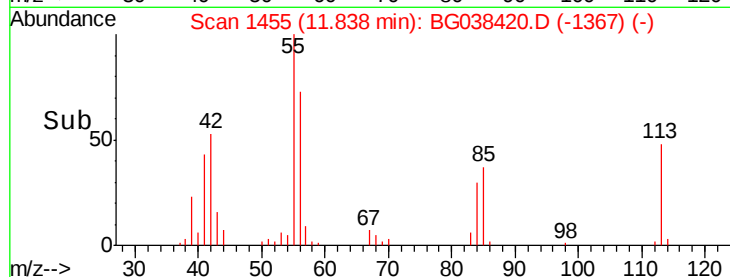
56 152.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.345 ng

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

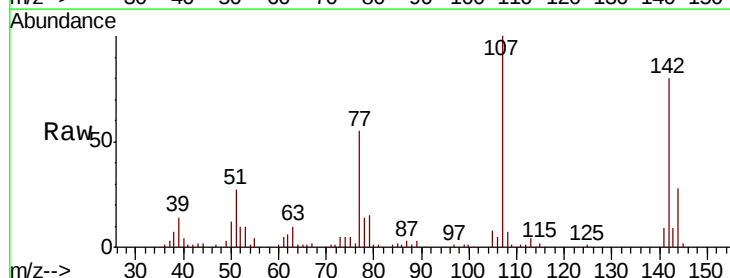
Tgt Ion:107 Resp: 85145

Ion Ratio Lower Upper

107 100

144 27.5 20.7 31.1

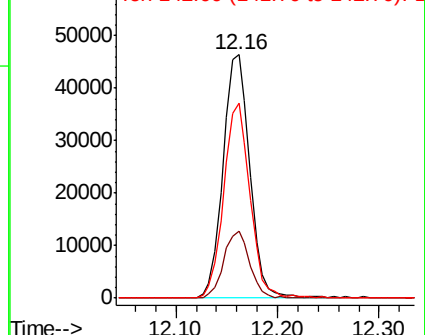
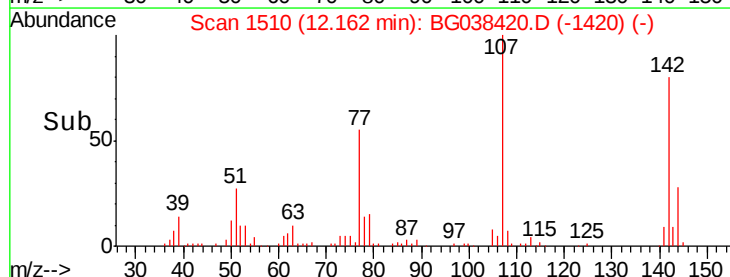
142 80.0 64.4 96.6

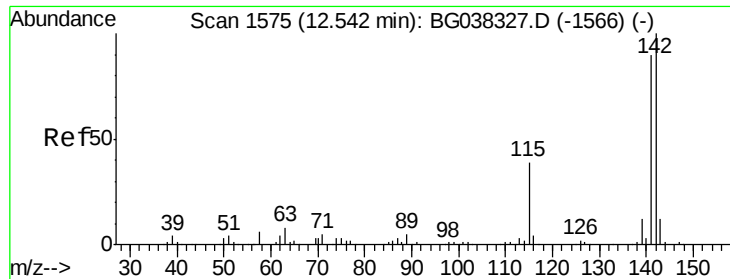


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

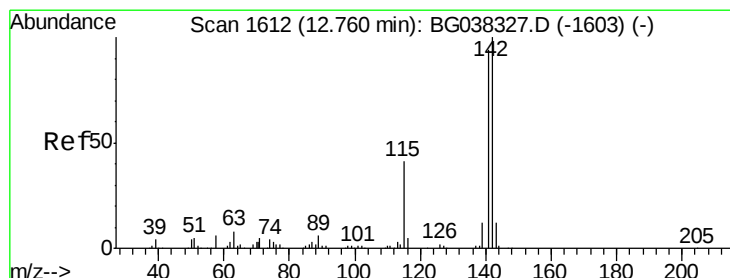
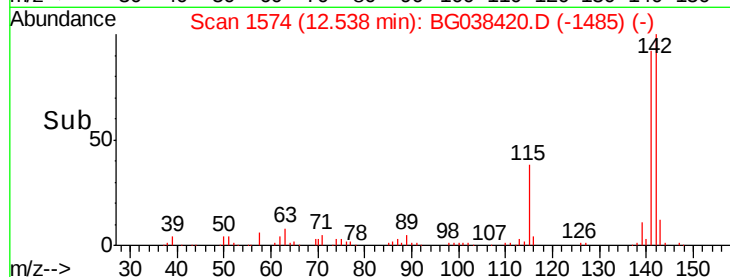
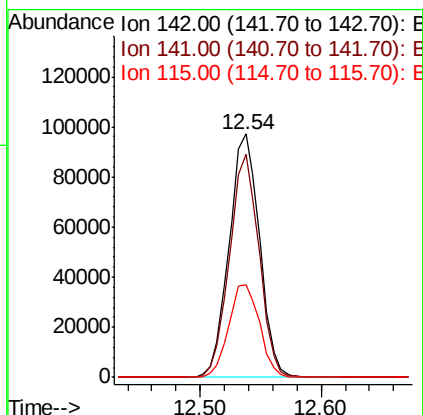
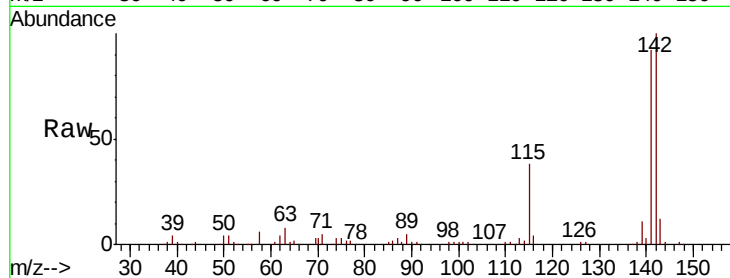




#37
2-Methylnaphthalene
Concen: 42.051 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

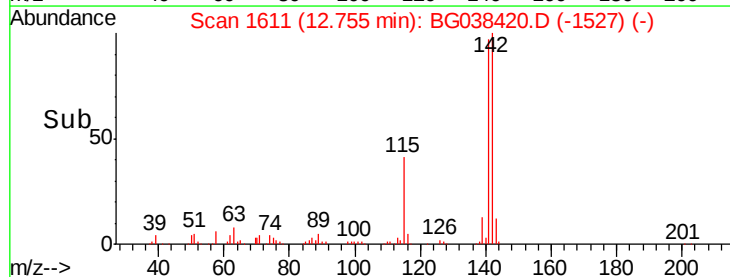
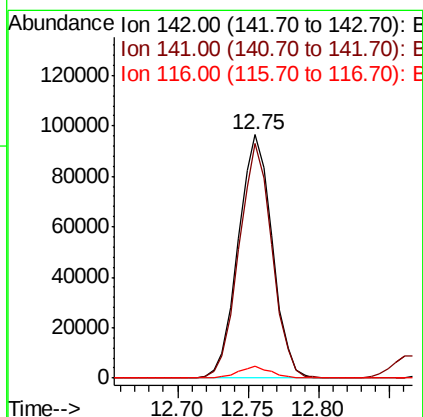
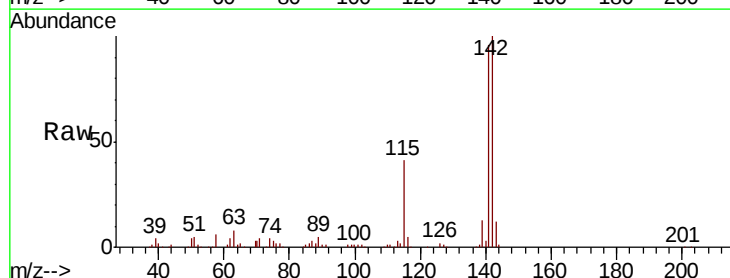
Instrument :
BNA_G
ClientSampleId :
PB115253BS

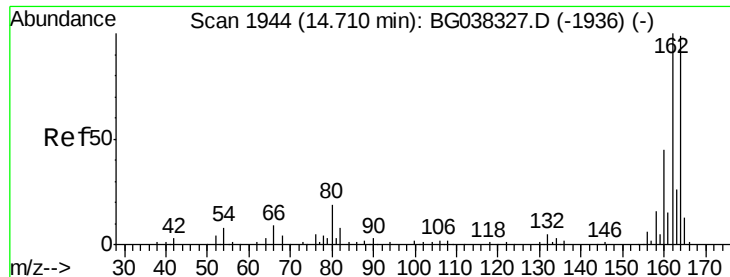
Tgt Ion:142 Resp: 170547
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9
115 37.8 27.8 41.8



#38
1-Methylnaphthalene
Concen: 41.757 ng
RT: 12.75 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:142 Resp: 162204
Ion Ratio Lower Upper
142 100
141 96.5 75.2 112.8
116 4.7 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

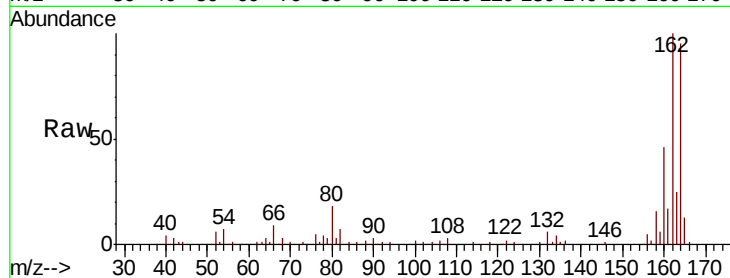
Tgt Ion:164 Resp: 73285

Ion Ratio Lower Upper

164 100

162 104.7 81.3 121.9

160 47.9 36.3 54.5

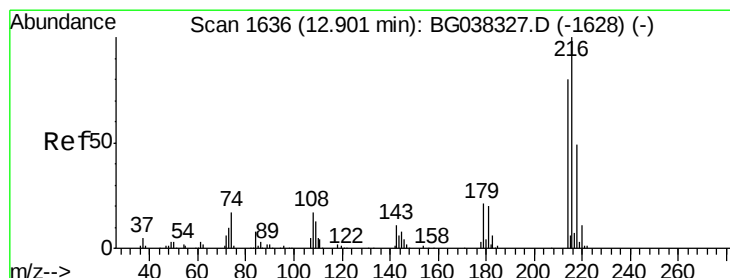
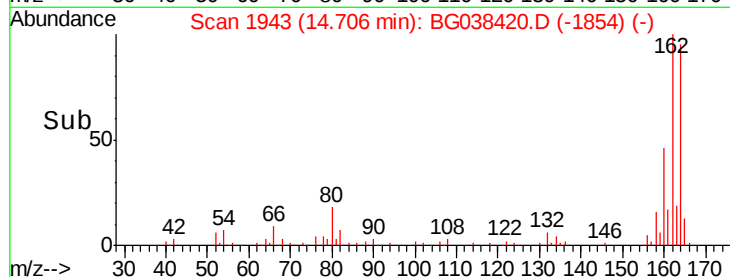
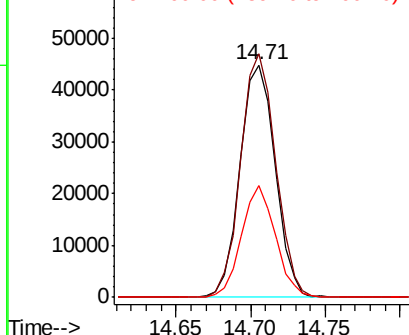


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.124 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Tgt Ion:216 Resp: 96139

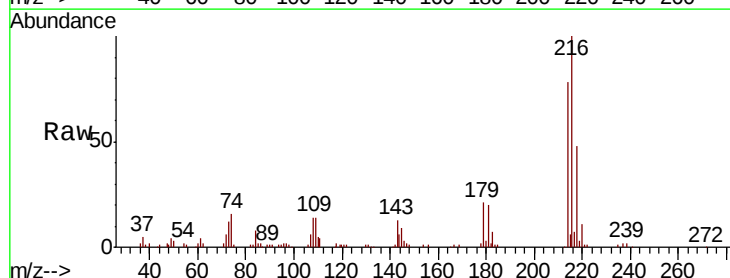
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 20.8 17.4 26.0

108 19.2 13.9 20.9



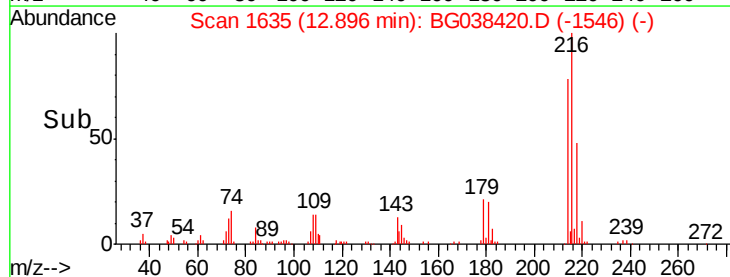
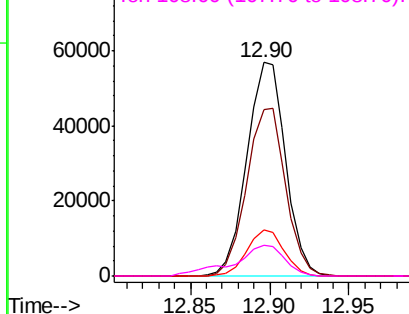
Abundance

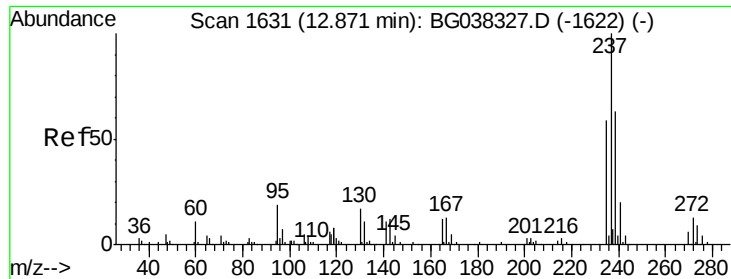
Ion 216.00 (215.70 to 216.70): E

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: 97.201 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

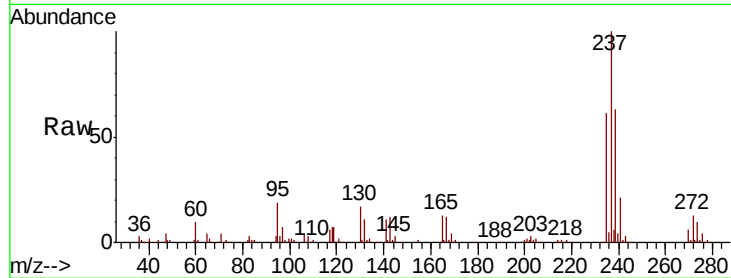
Tgt Ion:237 Resp: 134700

Ion Ratio Lower Upper

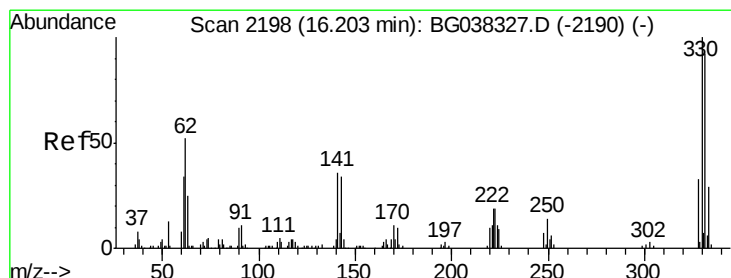
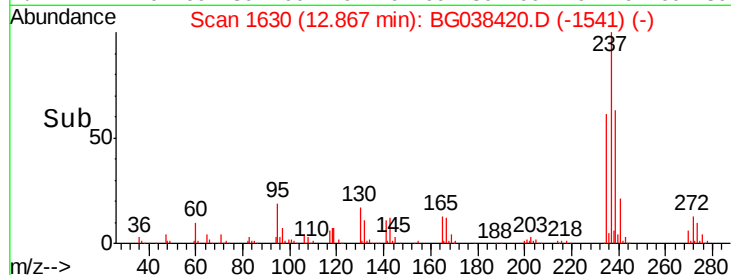
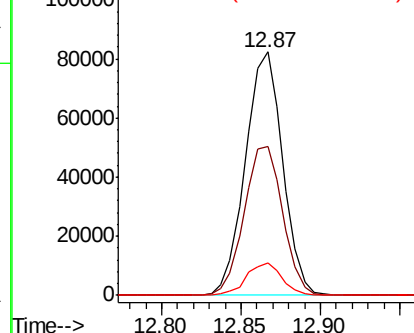
237 100

235 61.3 42.5 82.5

272 13.3 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 136.243 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

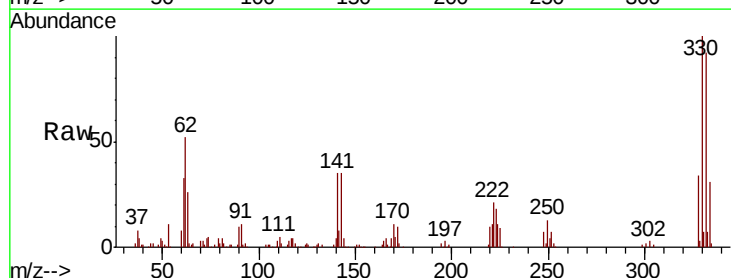
Tgt Ion:330 Resp: 122573

Ion Ratio Lower Upper

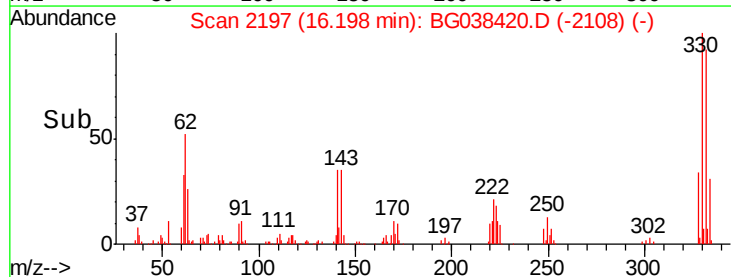
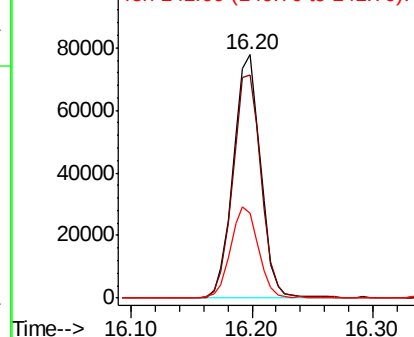
330 100

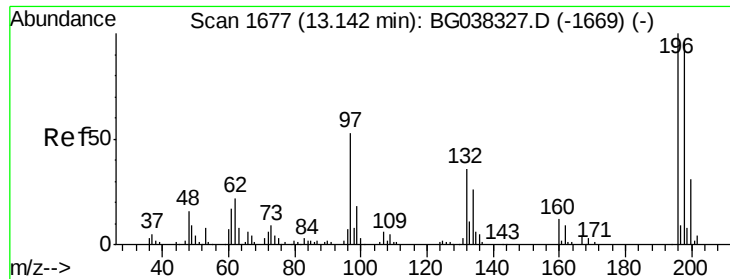
332 94.7 78.4 117.6

141 37.8 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

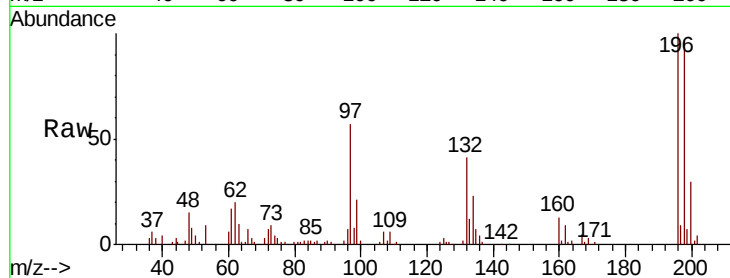




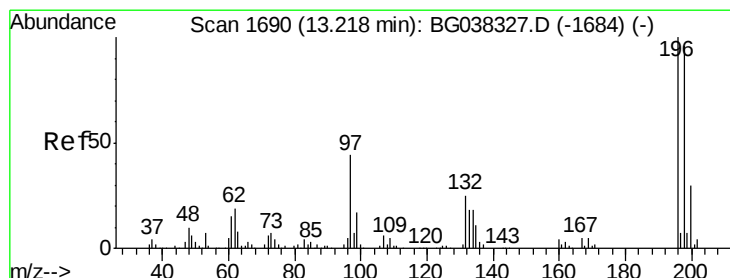
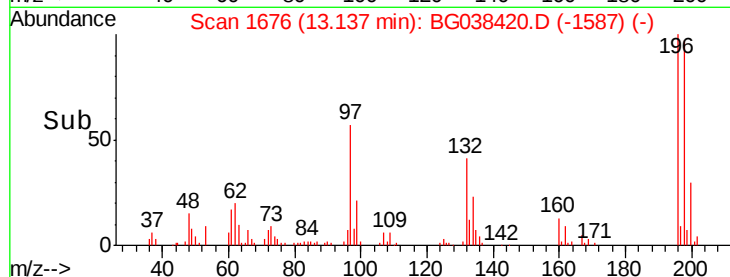
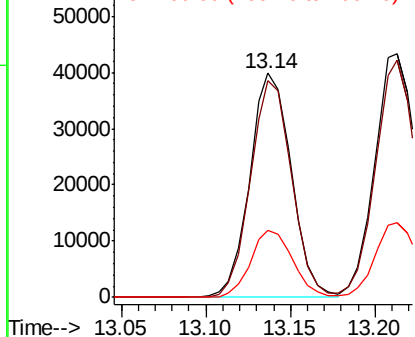
#43
 2,4,6-Trichlorophenol
 Concen: 41.705 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion:196 Resp: 68127
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.4 114.6
 200 30.2 24.9 37.3



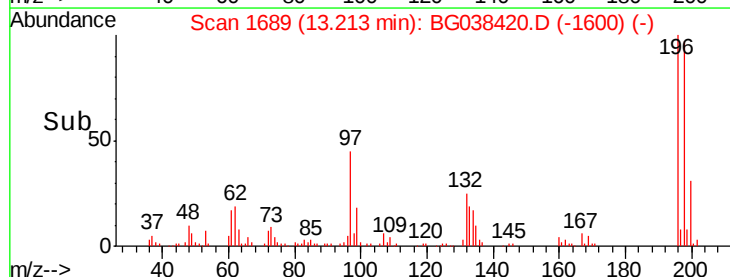
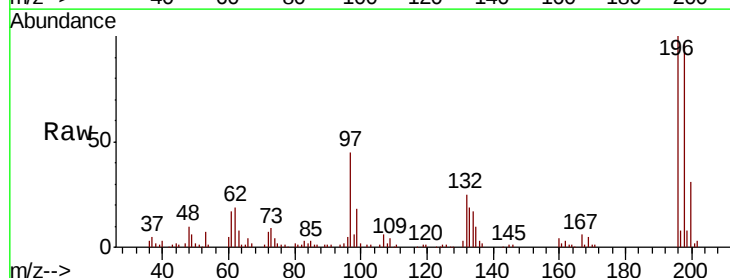
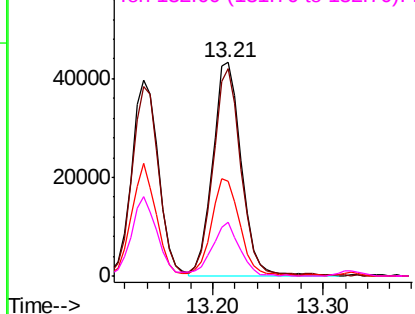
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

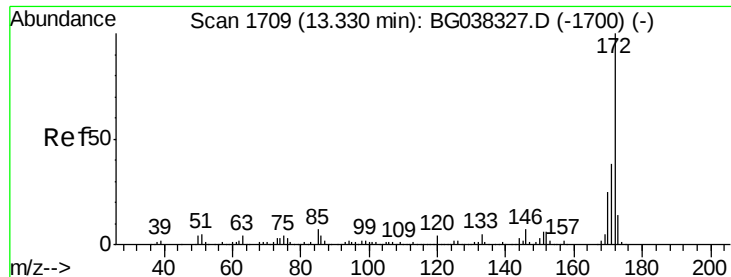


#44
 2,4,5-Trichlorophenol
 Concen: 45.011 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:196 Resp: 77894
 Ion Ratio Lower Upper
 196 100
 198 97.4 74.2 111.2
 97 44.6 34.1 51.1
 132 24.9 20.2 30.4

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

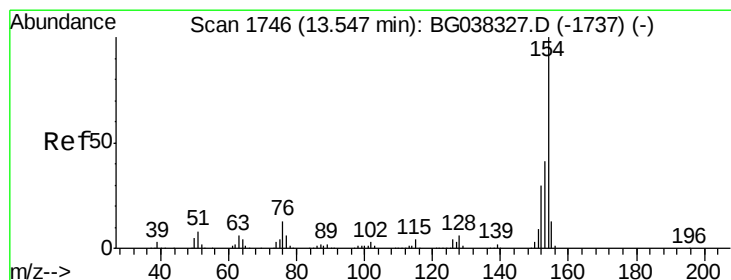
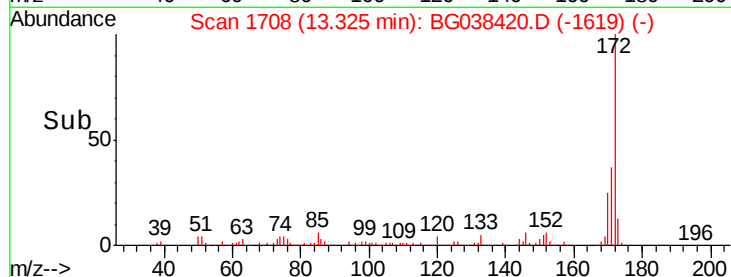
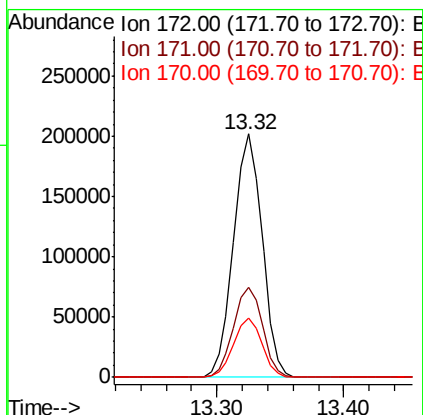
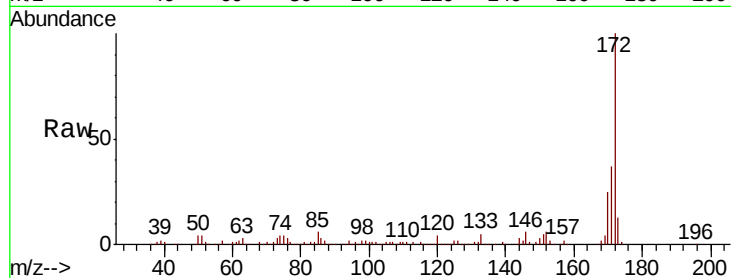




#45
2-Fluorobiphenyl
Concen: 61.340 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

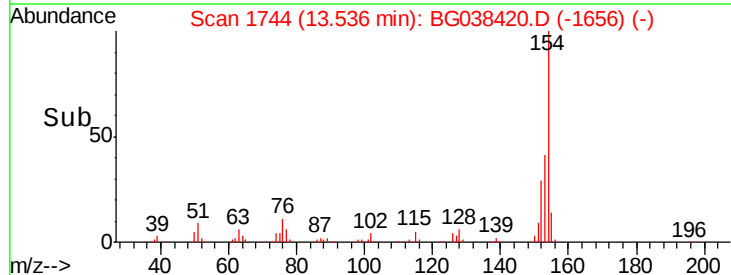
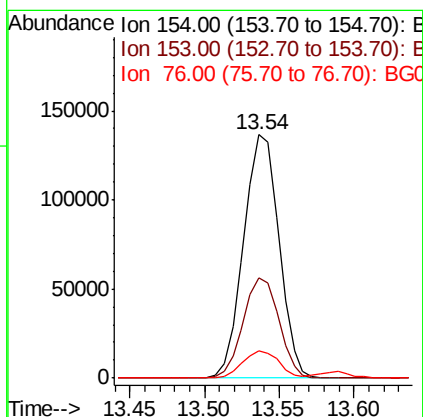
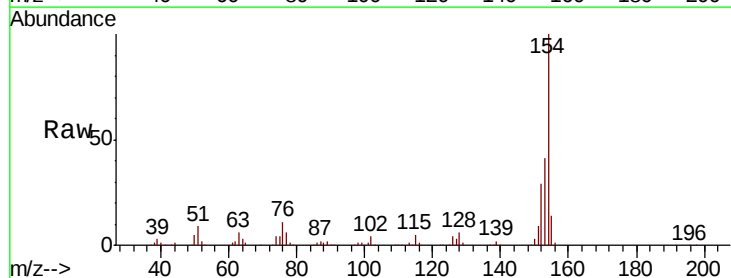
Instrument :
BNA_G
ClientSampleId :
PB115253BS

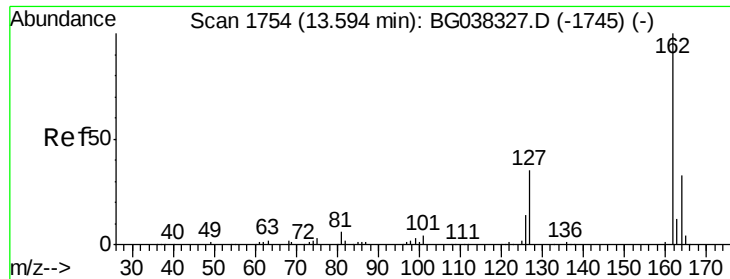
Tgt Ion:172 Resp: 315478
Ion Ratio Lower Upper
172 100
171 36.8 31.0 46.4
170 24.6 20.2 30.2



#46
1,1'-Biphenyl
Concen: 36.190 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:154 Resp: 224187
Ion Ratio Lower Upper
154 100
153 41.2 22.1 62.1
76 11.3 0.0 33.2

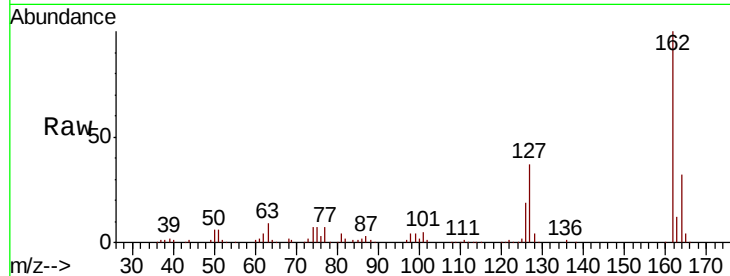




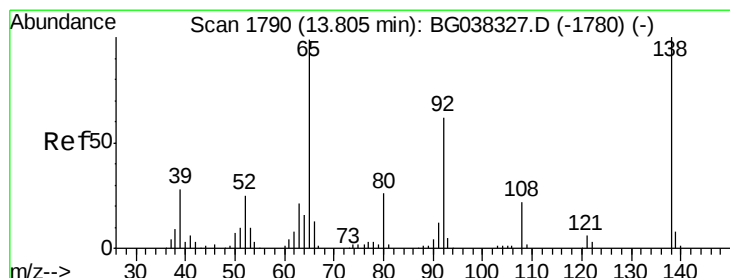
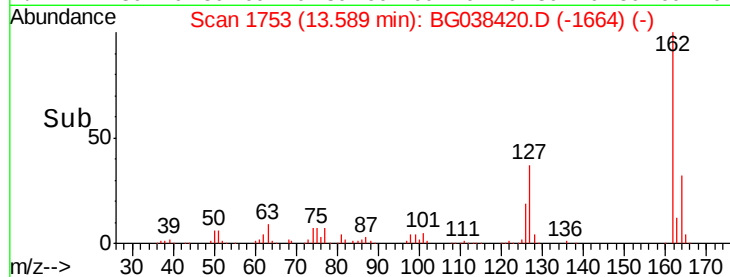
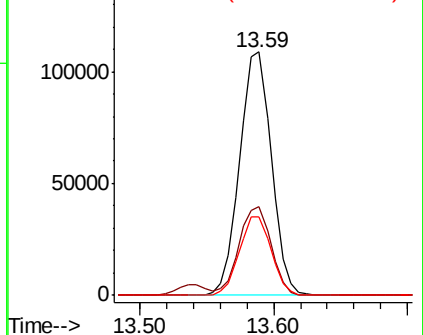
#47
 2-Chloronaphthalene
 Concen: 38.303 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion: 162 Resp: 179048
 Ion Ratio Lower Upper
 162 100
 127 36.7 30.5 45.7
 164 32.2 26.4 39.6

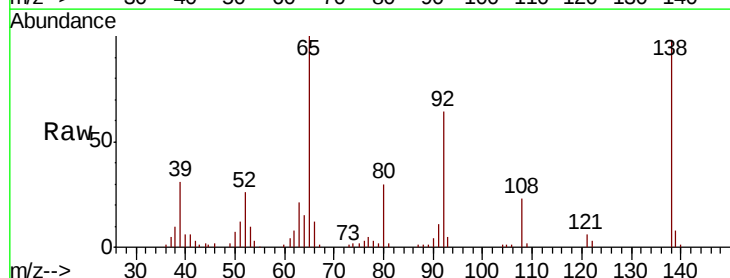


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

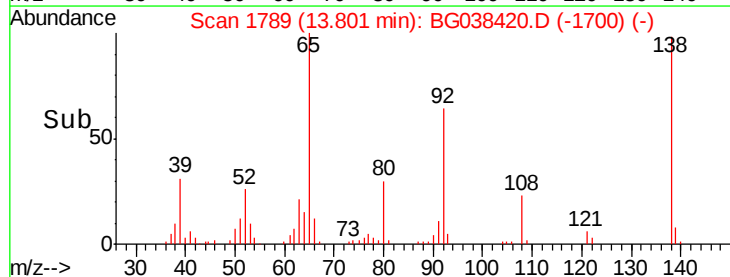
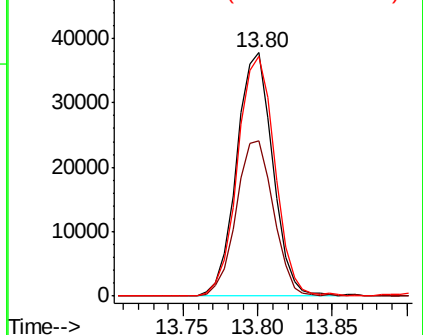


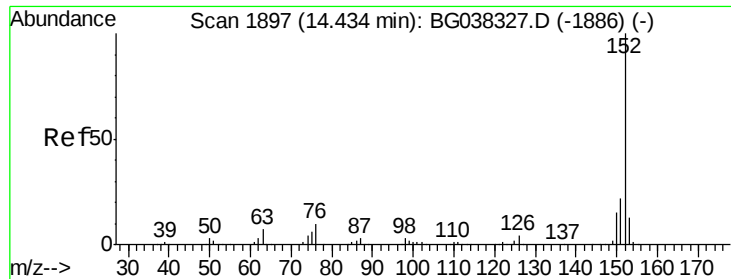
#48
 2-Nitroaniline
 Concen: 40.500 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion: 65 Resp: 63515
 Ion Ratio Lower Upper
 65 100
 92 63.6 53.2 79.8
 138 98.4 79.3 118.9



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





#49

Acenaphthylene

Concen: 42.457 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

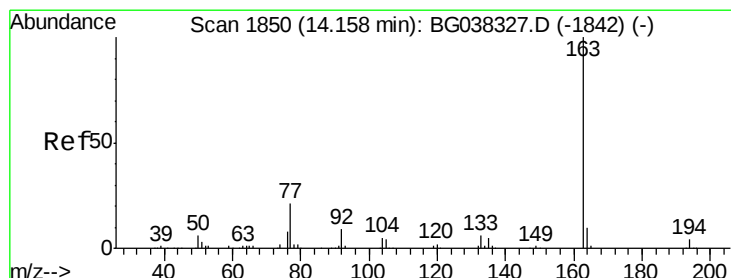
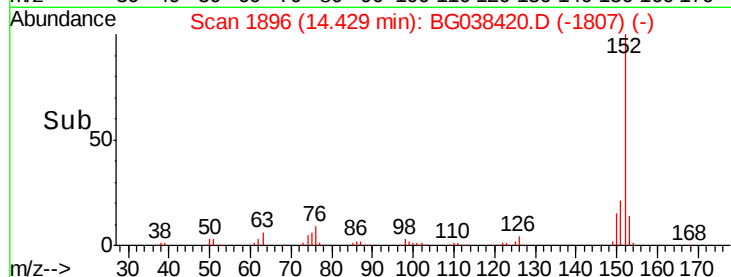
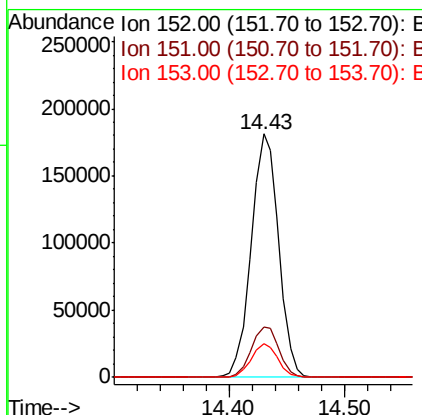
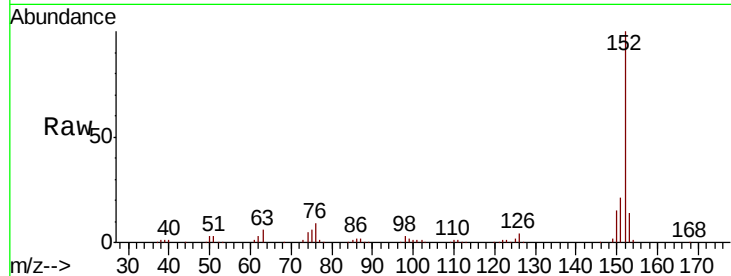
Instrument :

BNA_G

ClientSampleId :

PB115253BS

Tgt Ion:	152	Resp:	298907
Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.1	25.7
153	13.8	11.1	16.7



#50

Dimethylphthalate

Concen: 41.857 ng

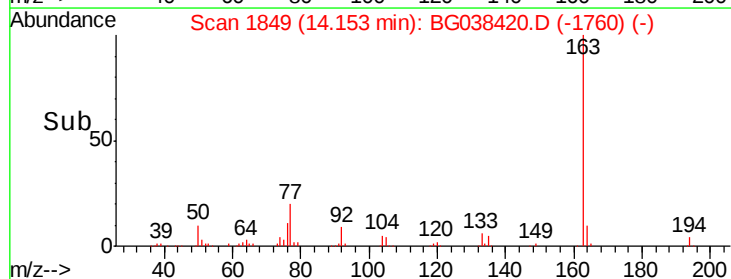
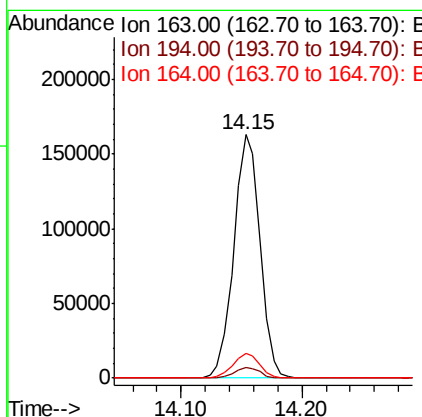
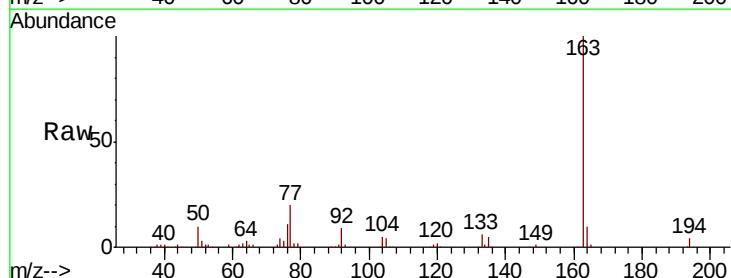
RT: 14.15 min Scan# 1849

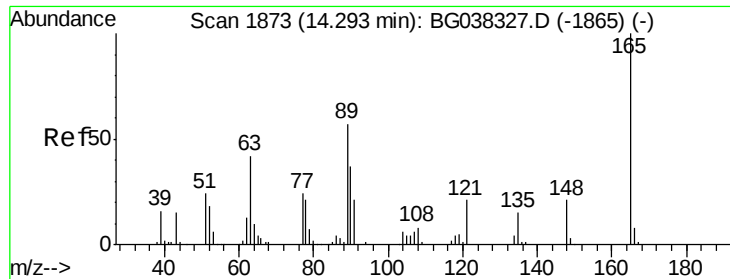
Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Tgt Ion:	163	Resp:	246042
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.1	8.5	12.7

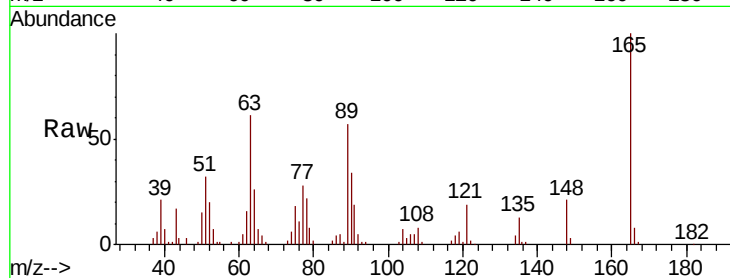




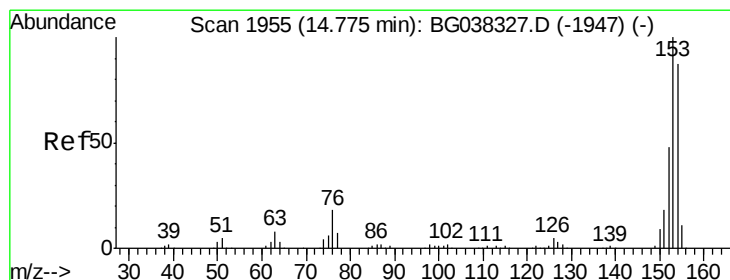
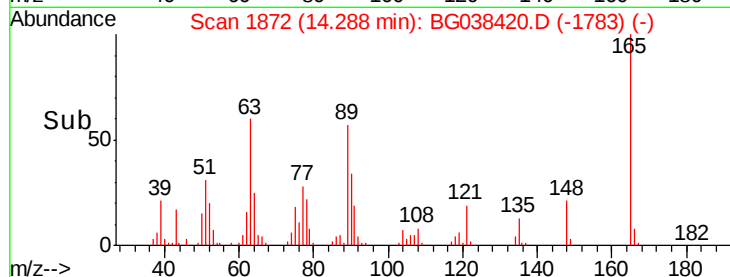
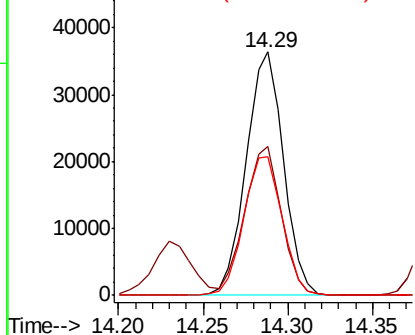
#51
 2,6-Dinitrotoluene
 Concen: 41.544 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.9	43.4	65.2
89	56.9	45.8	68.6

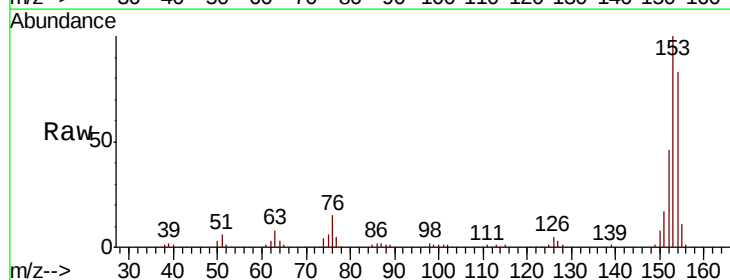


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

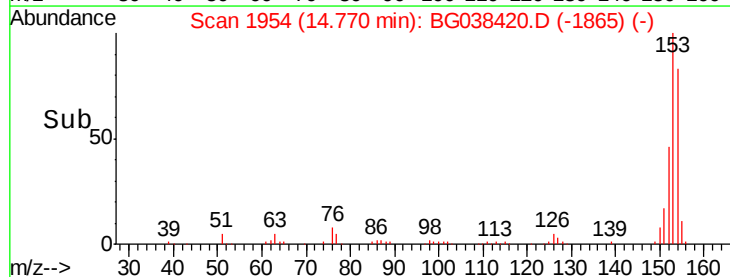
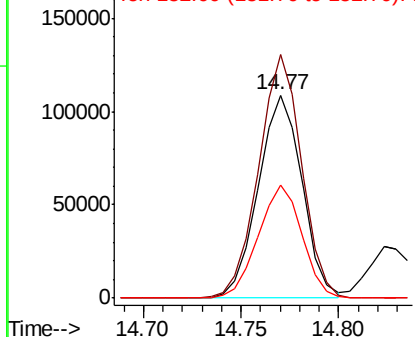


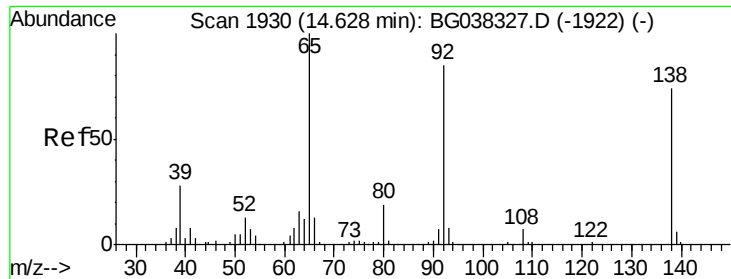
#52
 Acenaphthene
 Concen: 39.283 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.8	93.4	140.0
152	55.7	44.7	67.1



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





#53

3-Nitroaniline

Concen: 29.366 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

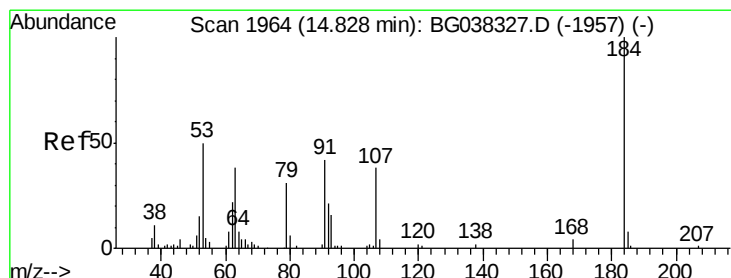
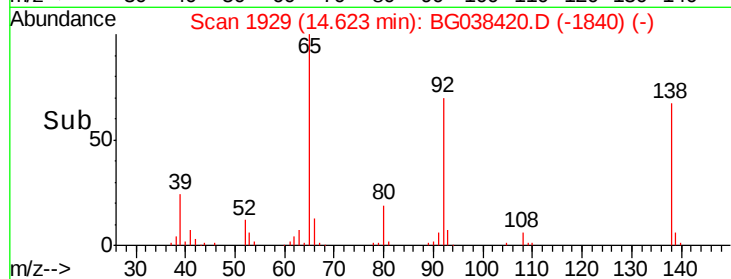
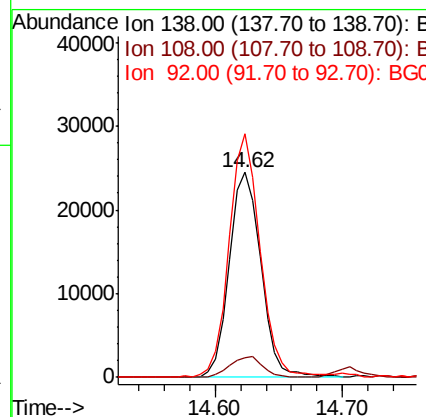
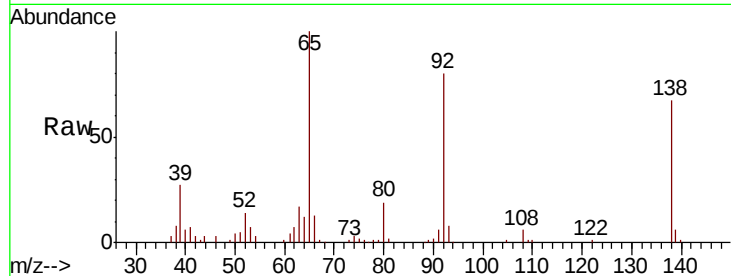
Tgt Ion:138 Resp: 42467

Ion Ratio Lower Upper

138 100

108 9.5 11.0 16.6#

92 118.8 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 97.512 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

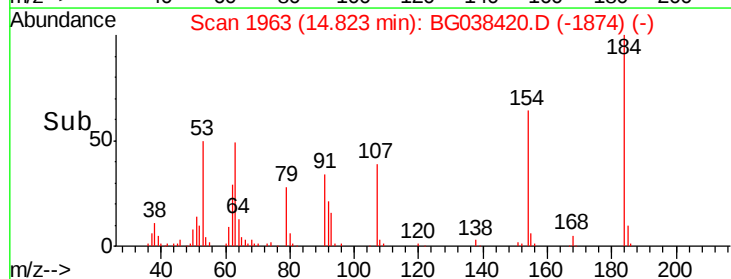
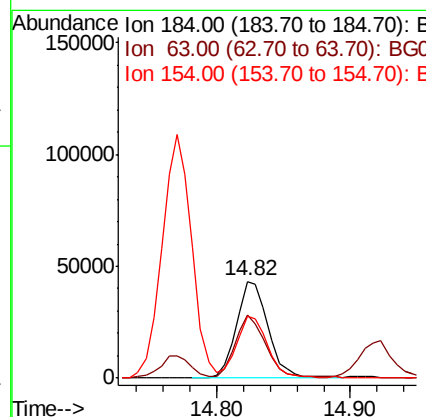
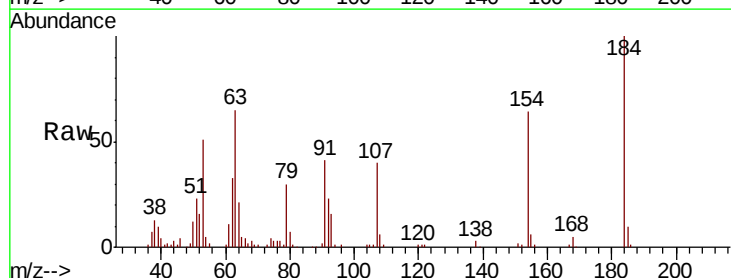
Tgt Ion:184 Resp: 71774

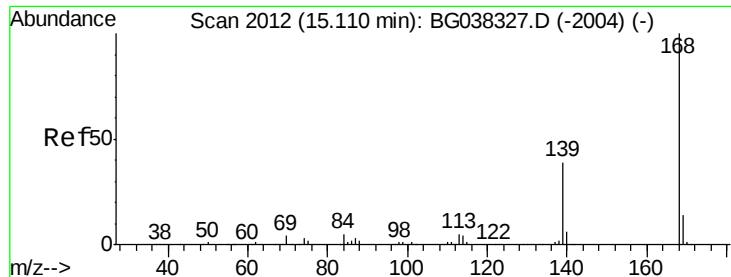
Ion Ratio Lower Upper

184 100

63 64.5 42.6 63.8#

154 64.2 41.8 62.6#

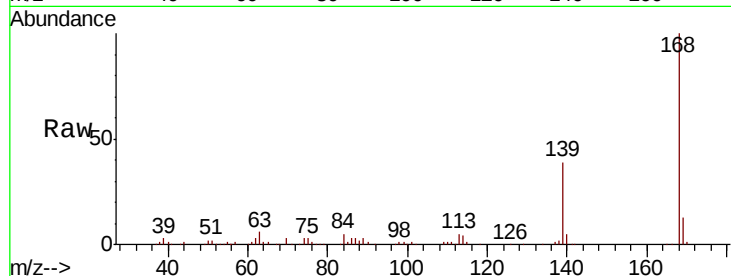




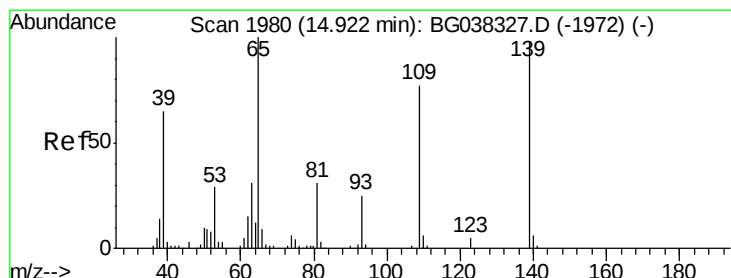
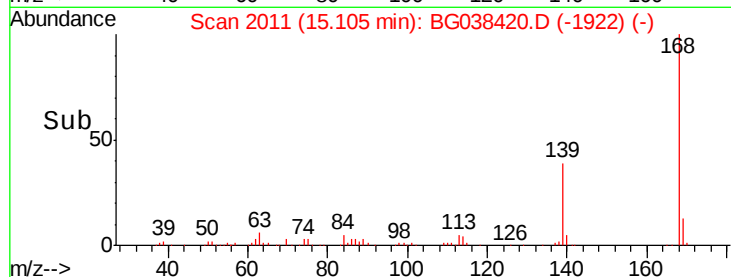
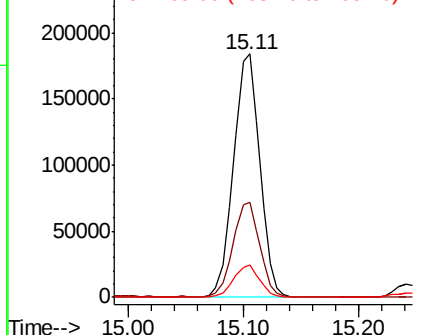
#55
Dibenzenofuran
Concen: 40.911 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion:168 Resp: 290277
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0
169 13.4 11.0 16.6

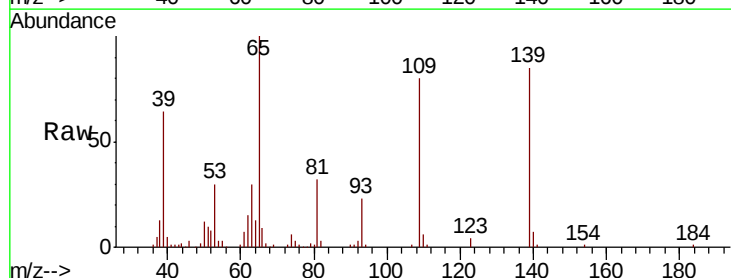


Abundance Ion 168.00 (167.70 to 168.70): E
250000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

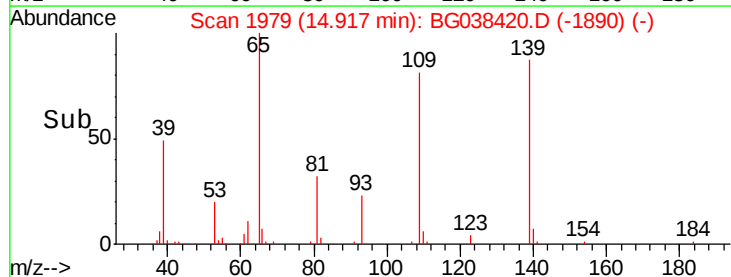
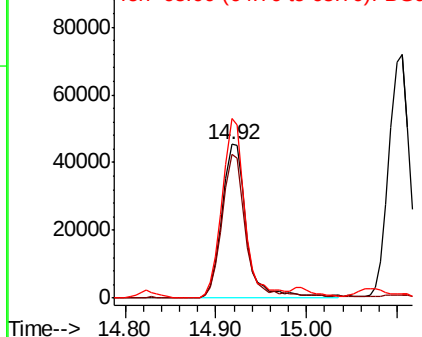


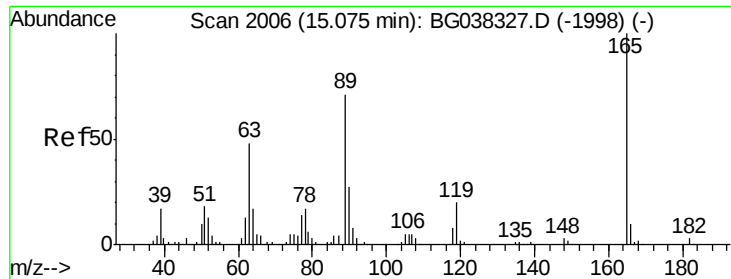
#56
4-Nitrophenol
Concen: 75.381 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:139 Resp: 86111
Ion Ratio Lower Upper
139 100
109 93.3 49.5 89.5#
65 117.3 76.8 116.8#



Abundance Ion 139.00 (138.70 to 139.70): E
100000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

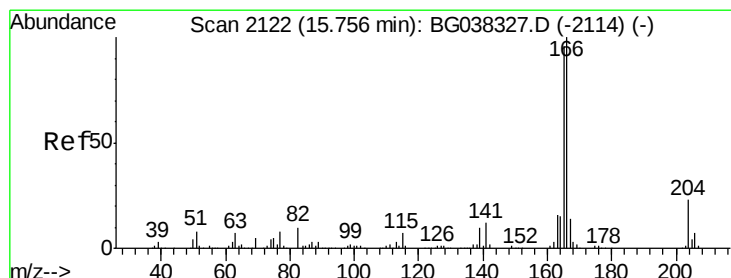
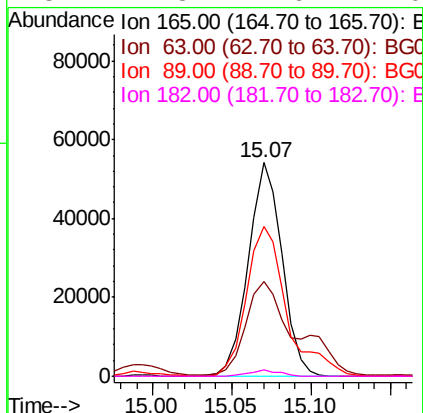
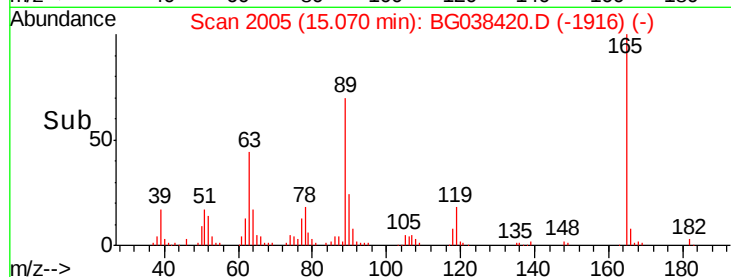
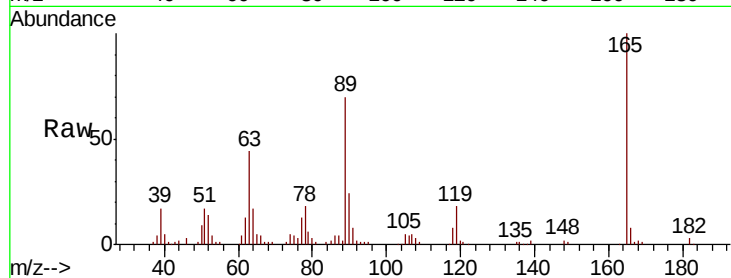




#57
2,4-Dinitrotoluene
Concen: 43.292 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

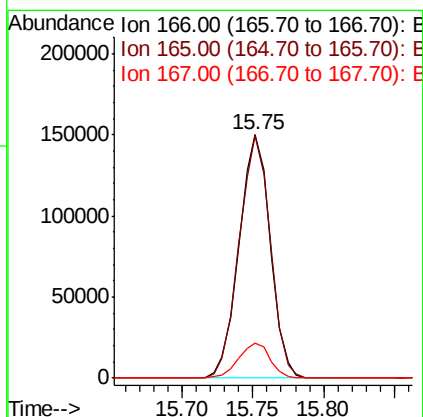
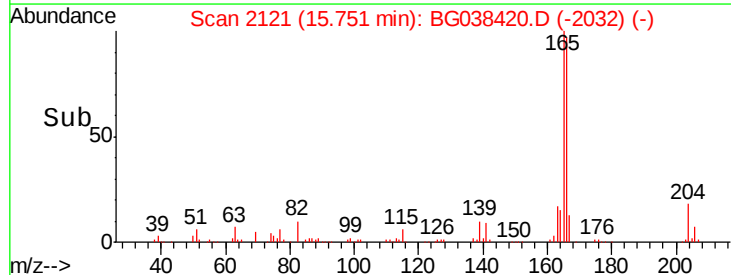
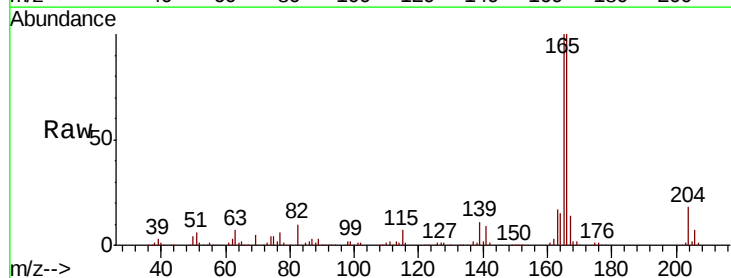
Instrument :
BNA_G
ClientSampleId :
PB115253BS

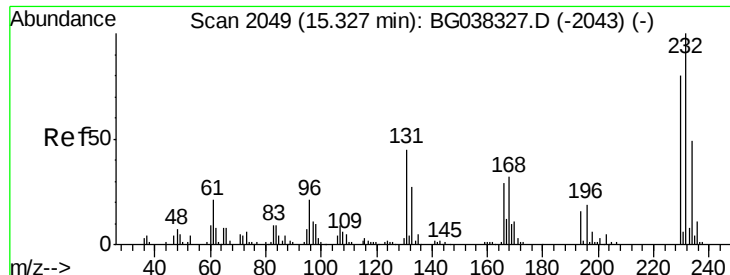
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.4	50.0
89	70.0	57.2	85.8
182	2.8	2.6	4.0



#58
Fluorene
Concen: 44.308 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.6
167	14.5	11.3	16.9

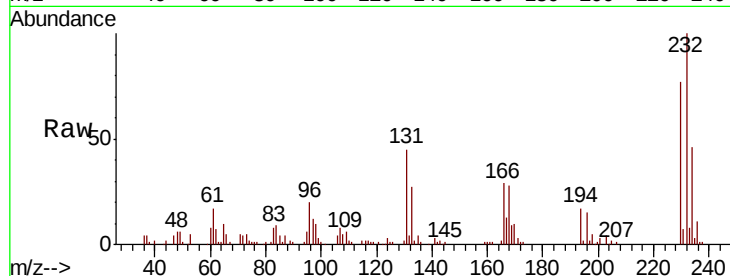




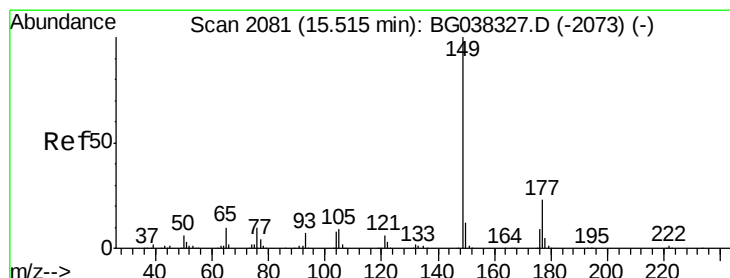
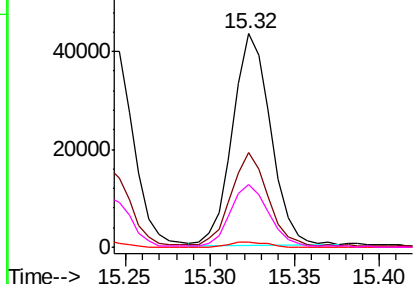
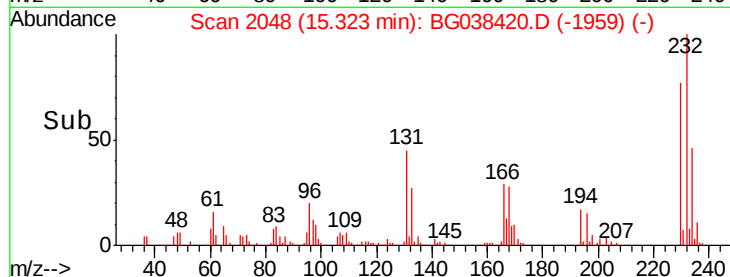
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.141 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion: 232 Resp: 67847
 Ion Ratio Lower Upper
 232 100
 131 44.0 33.7 50.5
 130 2.6 2.1 3.1
 166 30.6 24.6 36.8

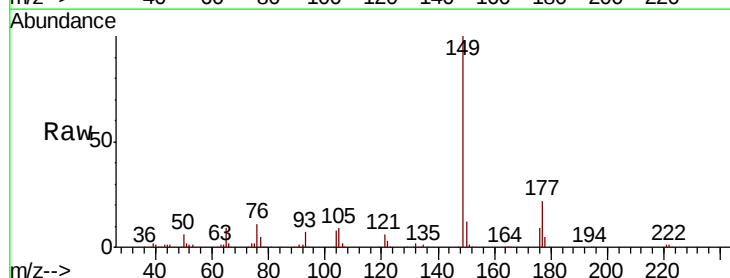


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

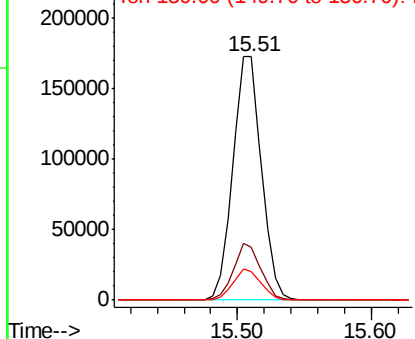
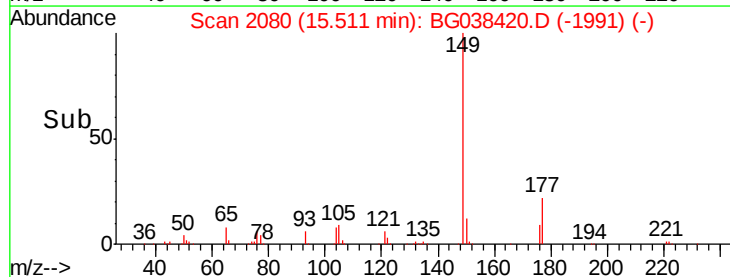


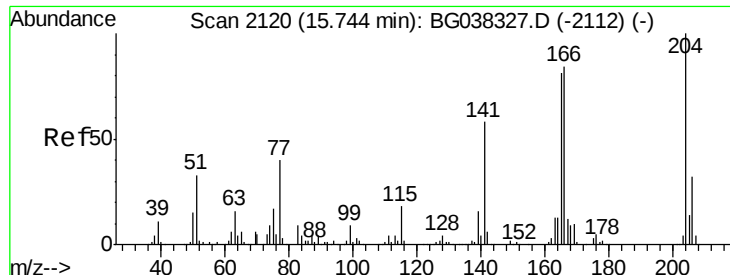
#60
 Diethylphthalate
 Concen: 39.428 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion: 149 Resp: 256761
 Ion Ratio Lower Upper
 149 100
 177 21.7 18.3 27.5
 150 11.9 10.0 15.0



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

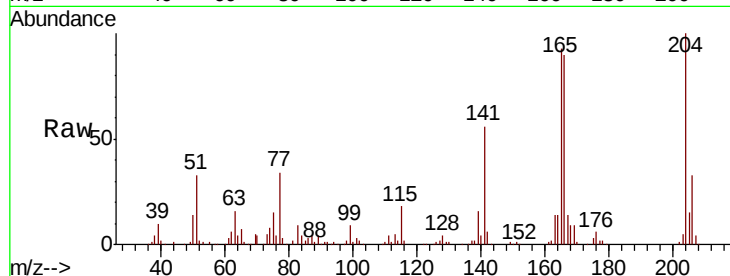




#61
 4-Chlorophenyl-phenylether
 Concen: 40.307 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	55.6	45.4	68.2

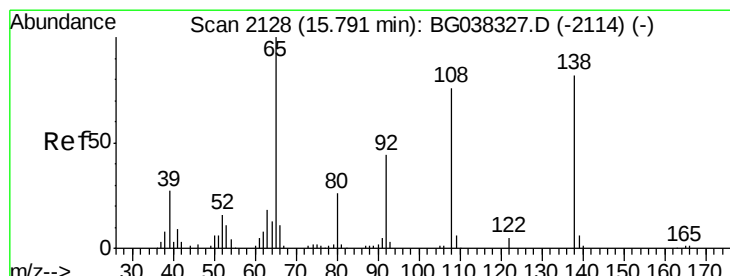
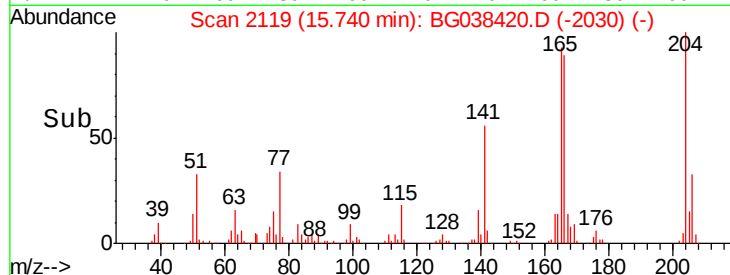
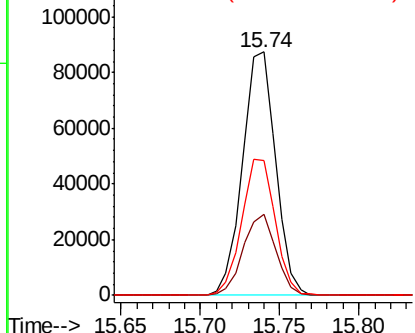


Abundance

Ion 204.00 (203.70 to 204.70): E

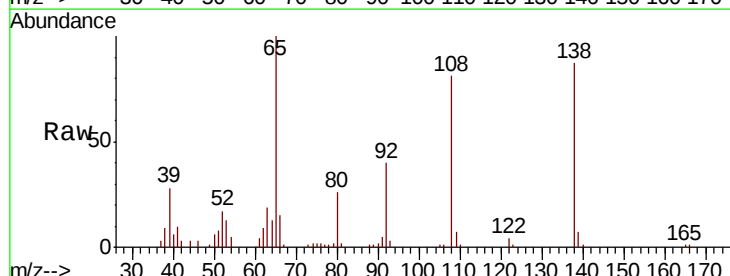
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 41.379 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	36.4	76.4
108	93.4	60.1	100.1

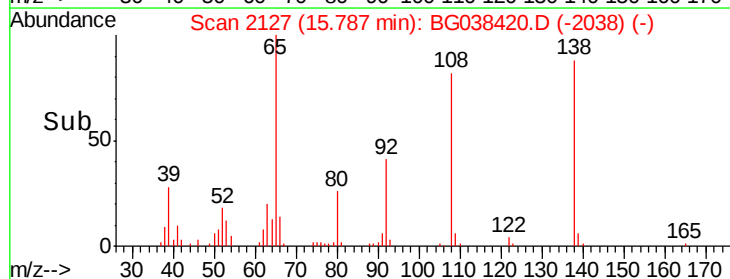
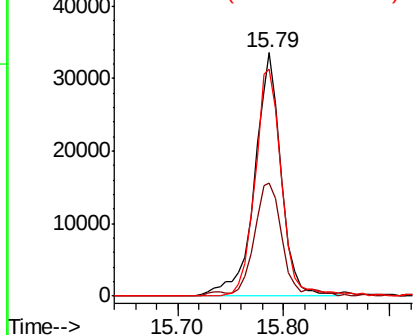


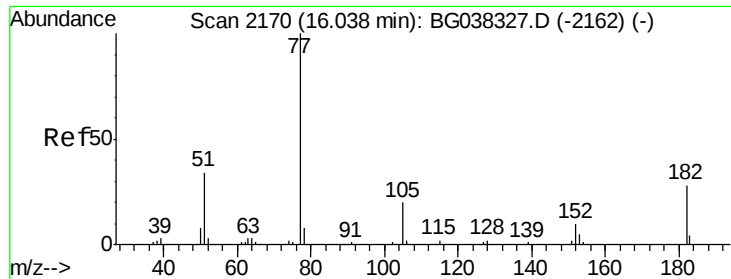
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

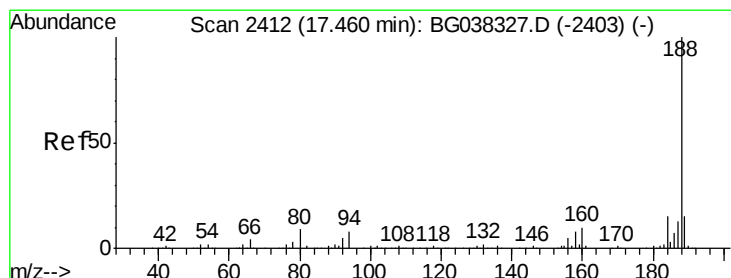
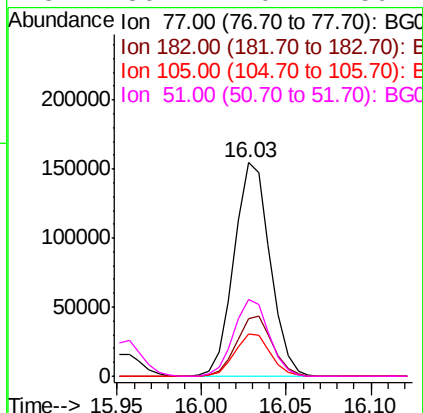
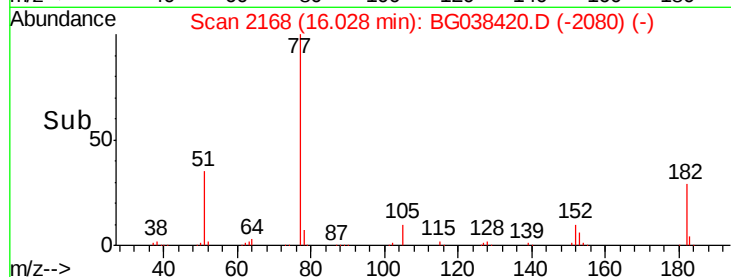
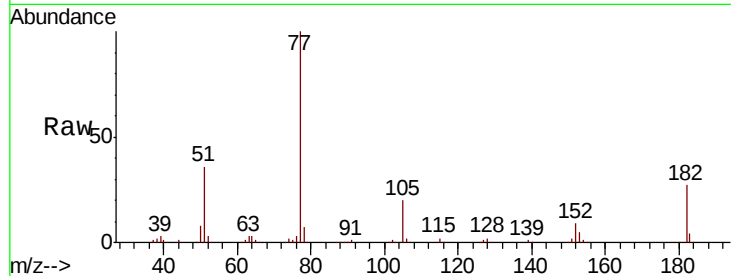




#63
Azobenzene
Concen: 40.265 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

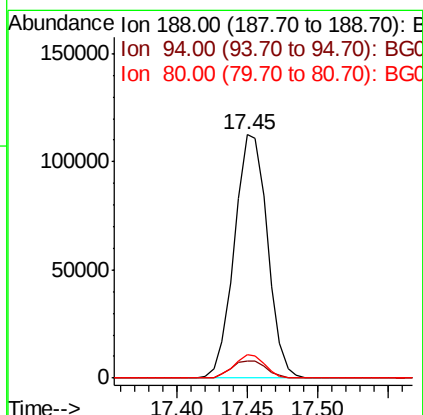
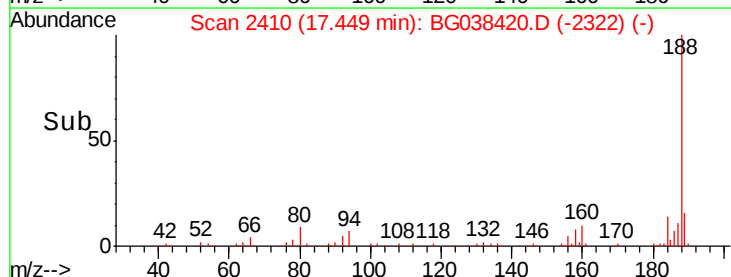
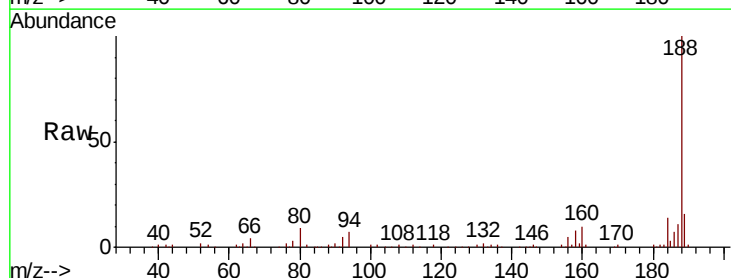
Instrument :
BNA_G
ClientSampleId :
PB115253BS

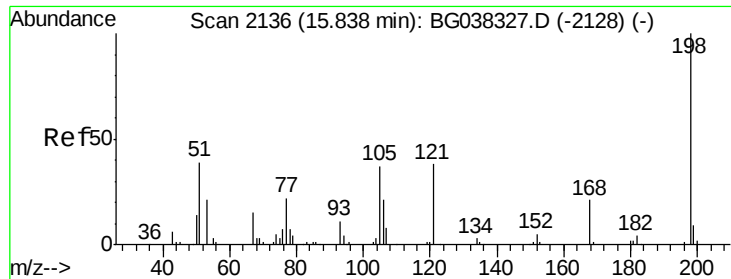
Tgt Ion: 77 Resp: 229481
Ion Ratio Lower Upper
77 100
182 27.0 8.0 48.0
105 19.6 1.3 41.3
51 36.1 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion: 188 Resp: 184062
Ion Ratio Lower Upper
188 100
94 7.0 7.2 10.8#
80 9.4 7.7 11.5

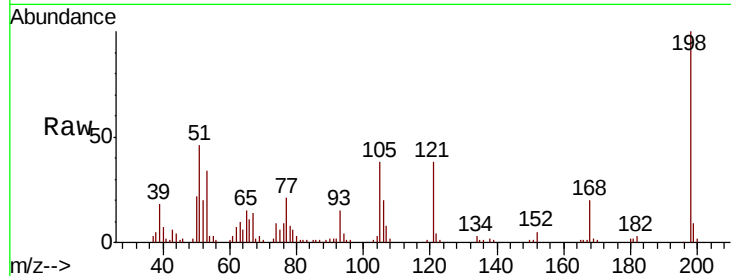




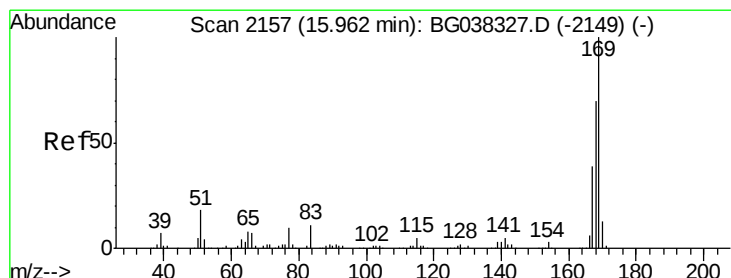
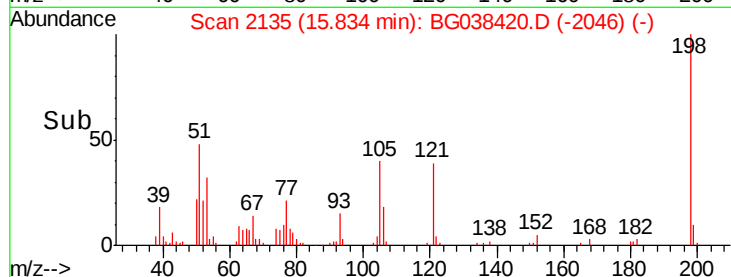
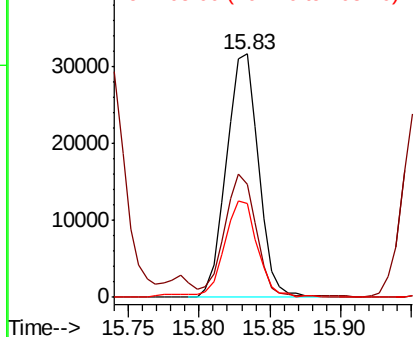
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.481 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion:198 Resp: 50026
 Ion Ratio Lower Upper
 198 100
 51 46.2 22.7 62.7
 105 38.4 19.7 59.7

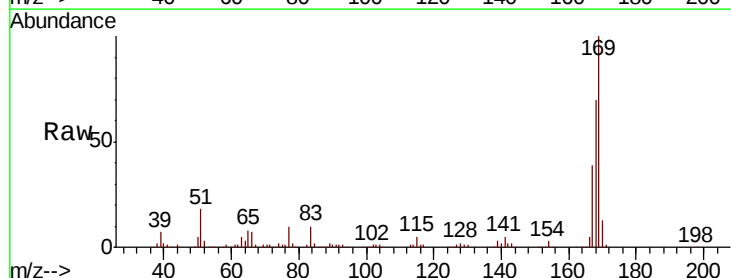


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

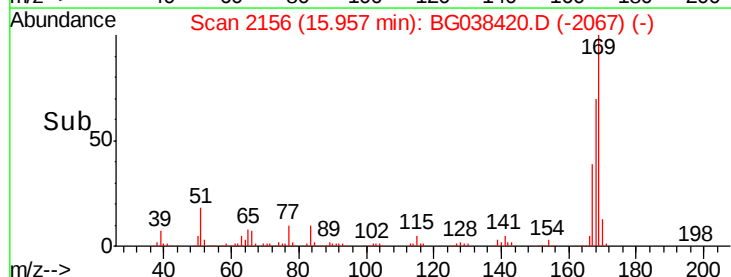
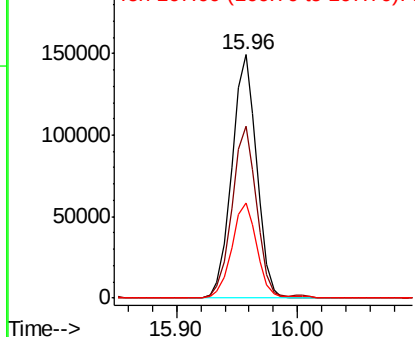


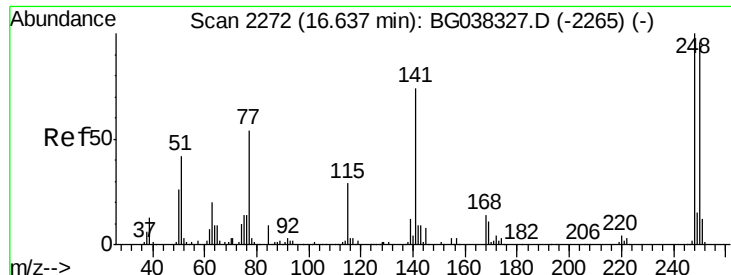
#66
 n-Nitrosodiphenylamine
 Concen: 41.231 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:169 Resp: 213409
 Ion Ratio Lower Upper
 169 100
 168 70.4 55.7 83.5
 167 39.0 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.459 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

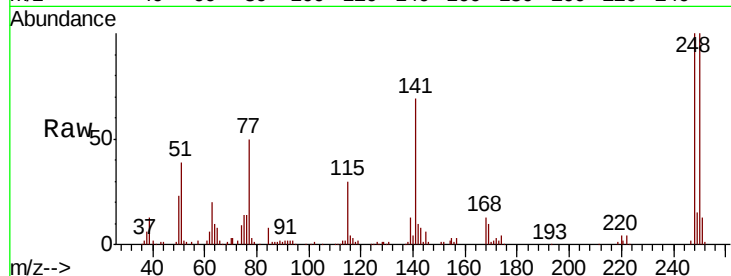
Tgt Ion:248 Resp: 84395

Ion Ratio Lower Upper

248 100

250 99.8 77.0 115.6

141 69.3 55.5 83.3

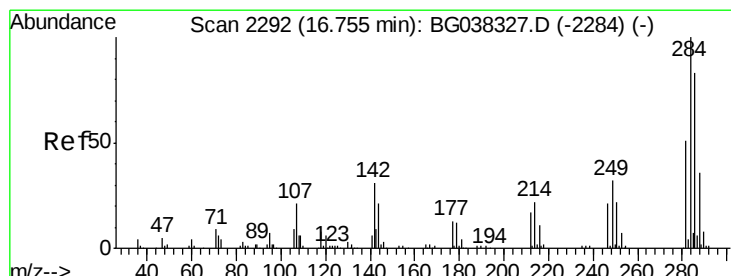
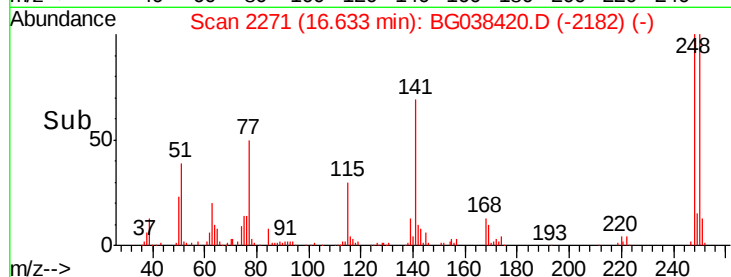
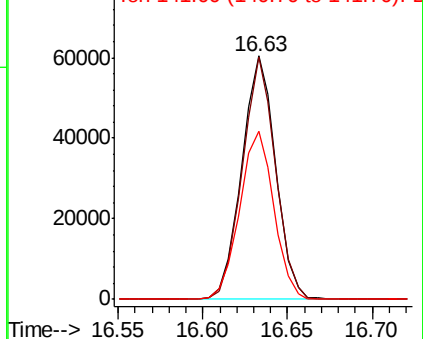


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.239 ng

RT: 16.74 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

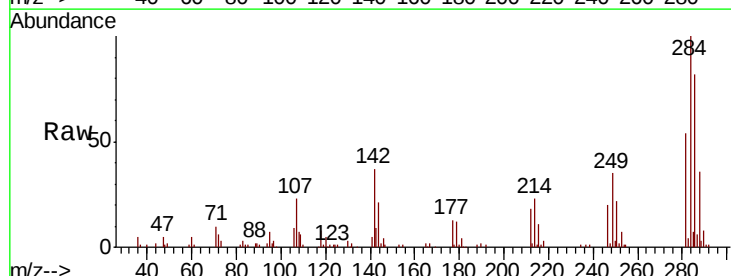
Tgt Ion:284 Resp: 86598

Ion Ratio Lower Upper

284 100

142 37.3 28.1 42.1

249 38.0 29.8 44.8

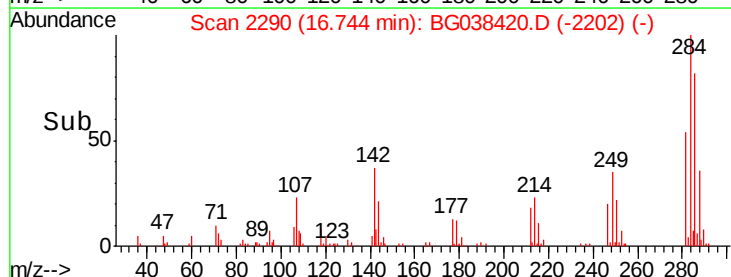
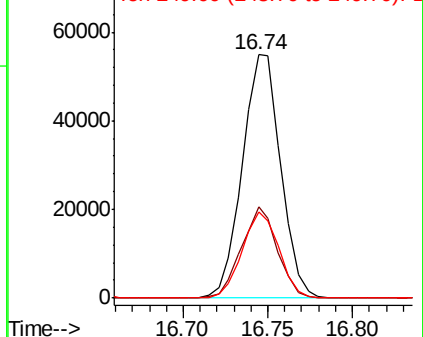


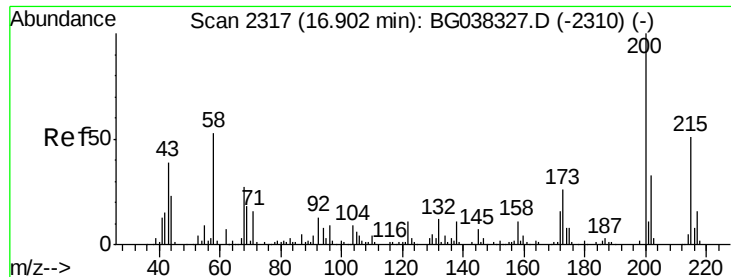
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

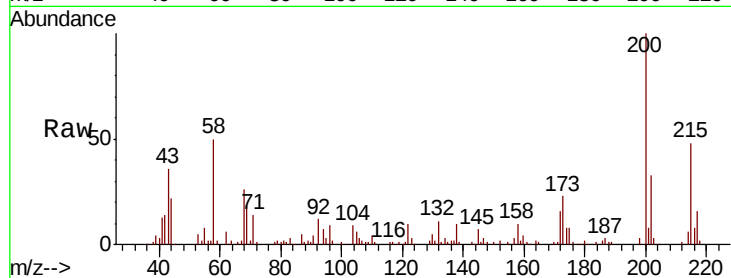




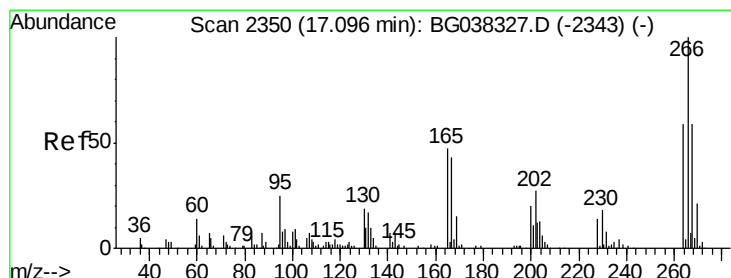
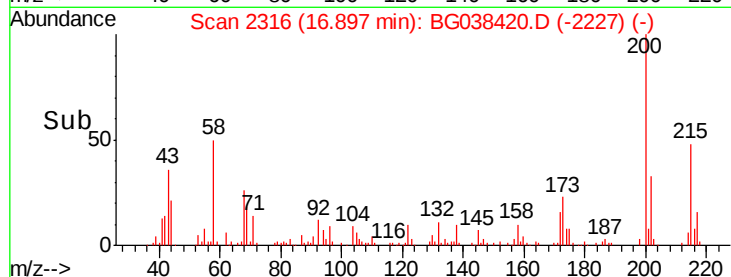
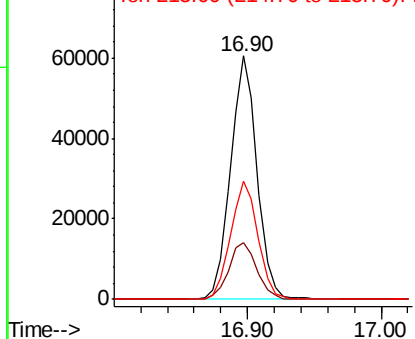
#69
Atrazine
Concen: 43.291 ng
RT: 16.90 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion:200 Resp: 83609
Ion Ratio Lower Upper
200 100
173 23.5 6.1 46.1
215 48.4 30.8 70.8

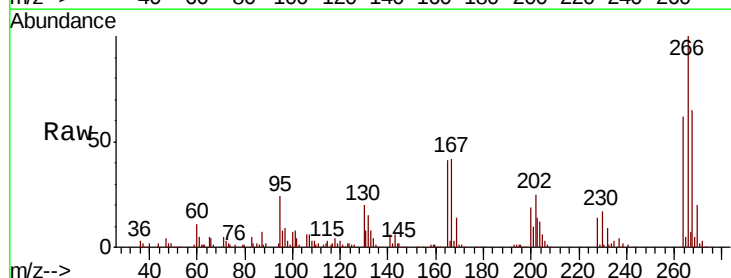


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

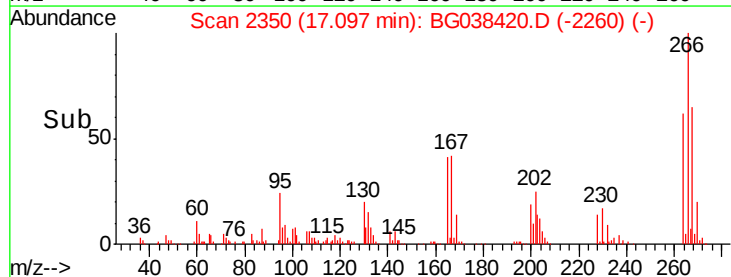
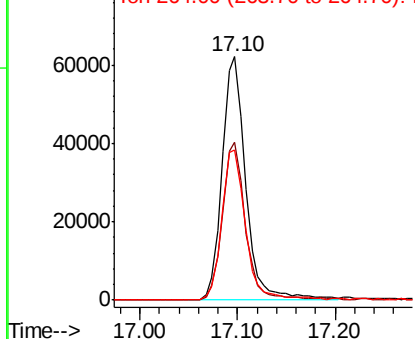


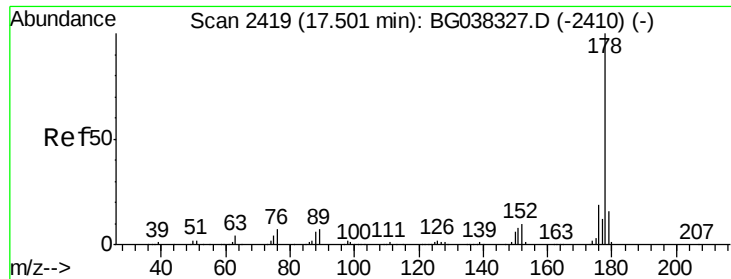
#70
Pentachlorophenol
Concen: 74.544 ng
RT: 17.10 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:266 Resp: 104680
Ion Ratio Lower Upper
266 100
268 69.7 55.0 82.6
264 67.1 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

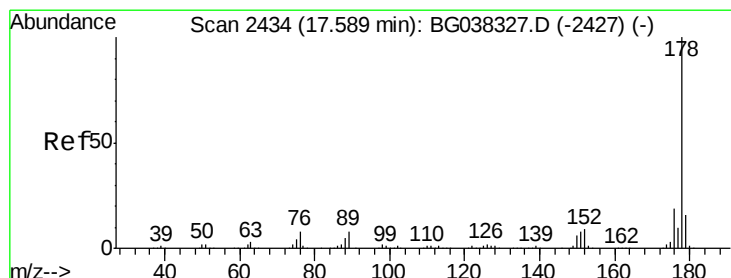
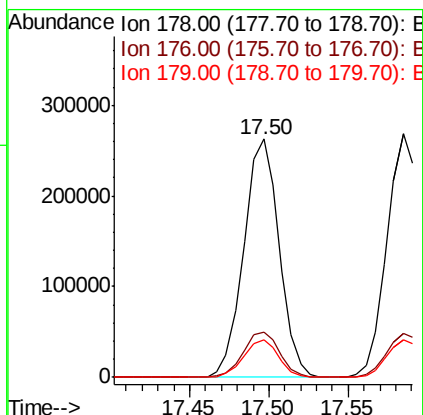
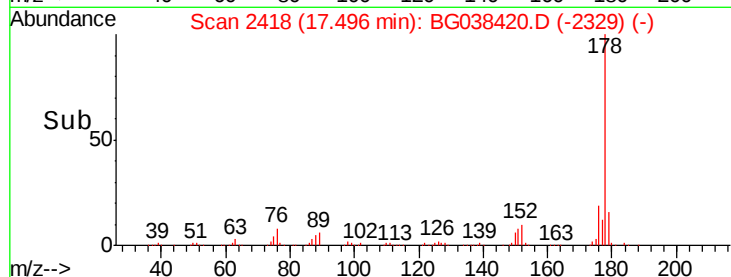
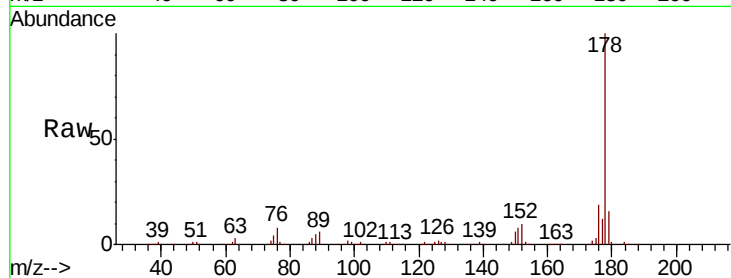




#71
Phenanthrene
Concen: 44.163 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

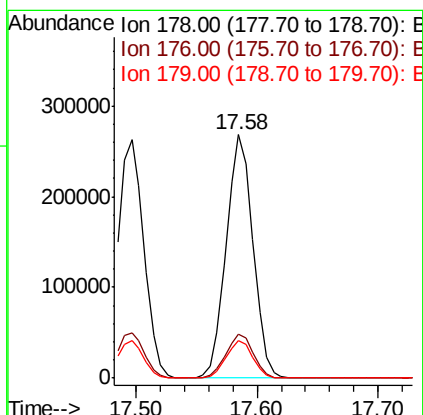
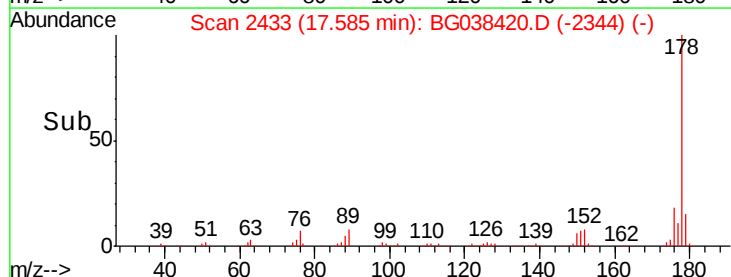
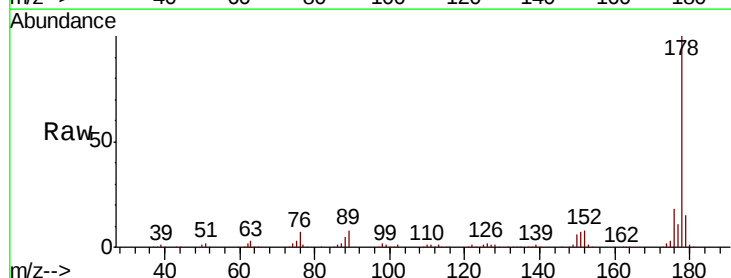
Instrument :
BNA_G
ClientSampleId :
PB115253BS

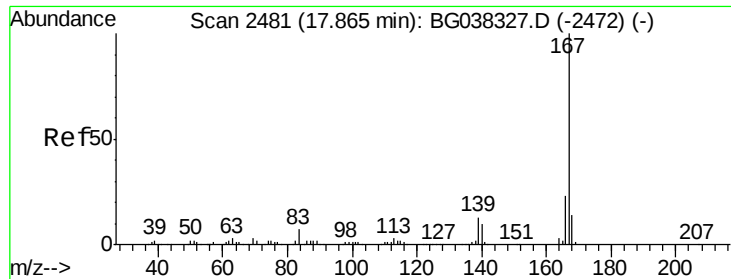
Tgt Ion:178 Resp: 407083
Ion Ratio Lower Upper
178 100
176 19.0 16.1 24.1
179 15.9 13.0 19.4



#72
Anthracene
Concen: 46.191 ng
RT: 17.58 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:178 Resp: 412320
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.4 12.8 19.2

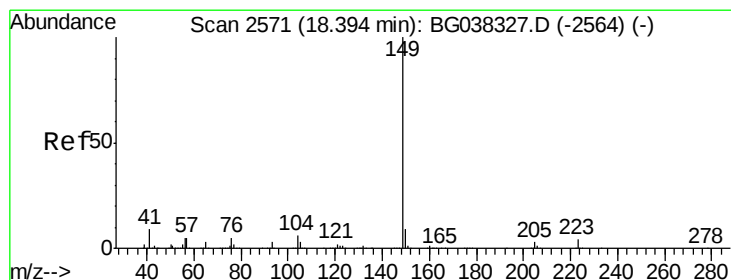
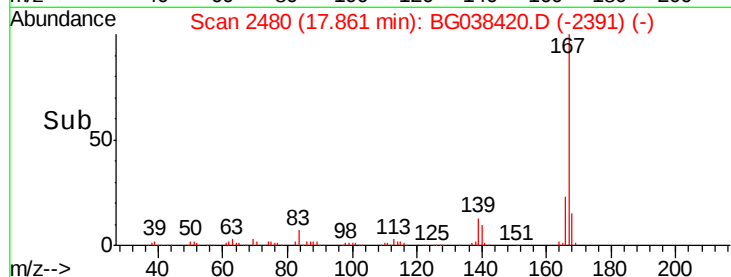
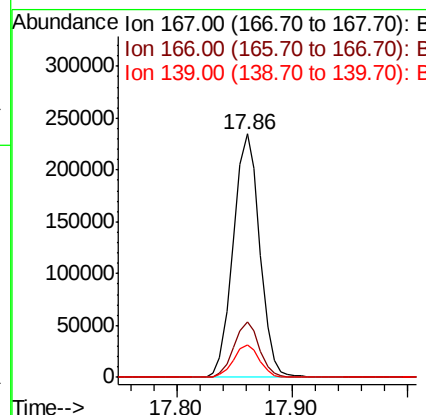
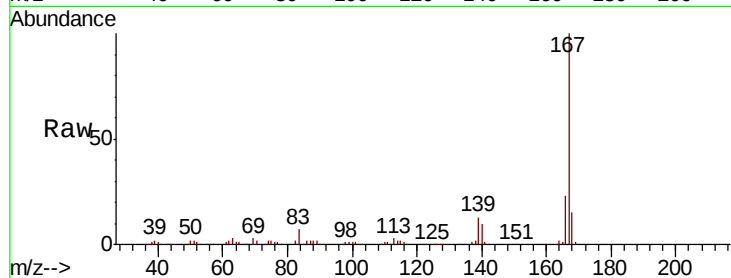




#73
 Carbazole
 Concen: 42.157 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

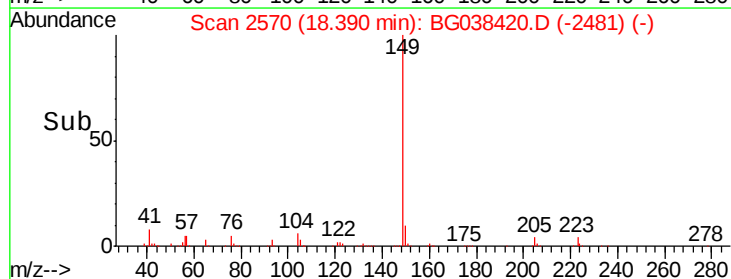
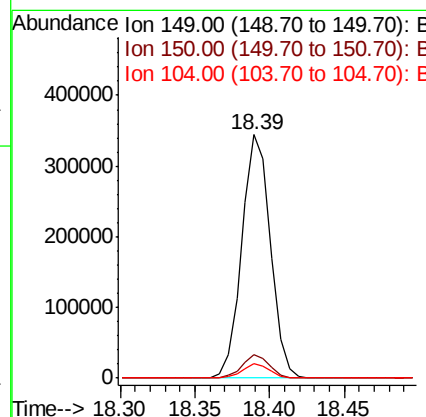
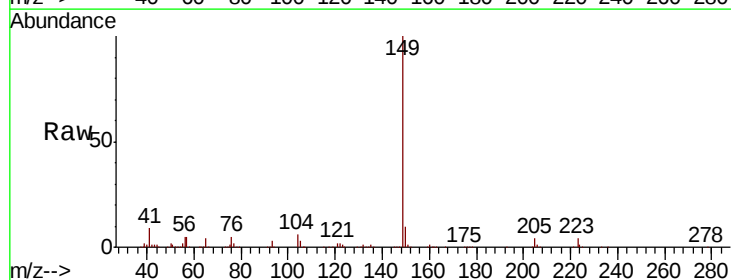
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

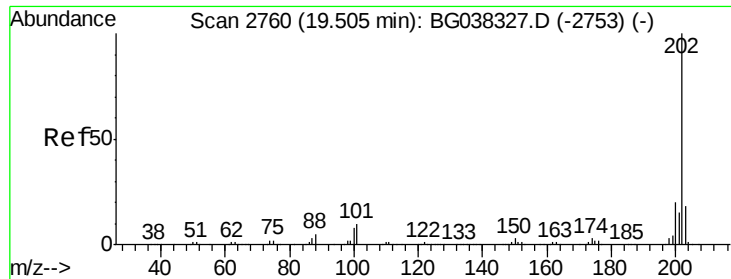
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.3	27.5
139	13.1	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 44.221 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	5.7	4.0	6.0

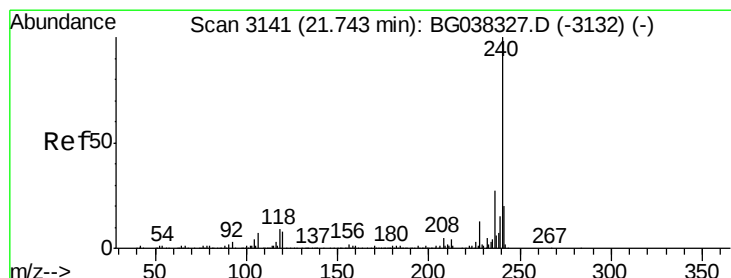
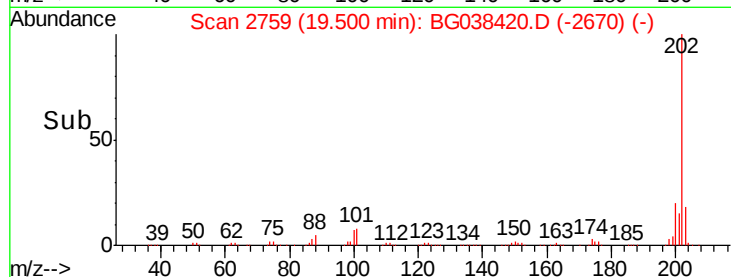
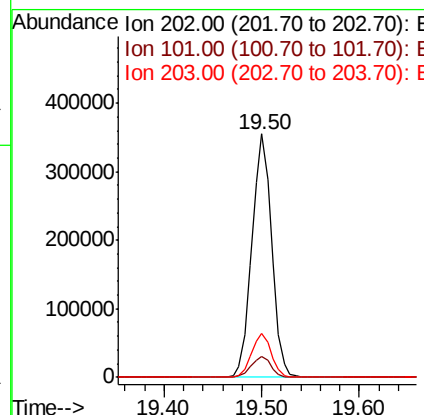
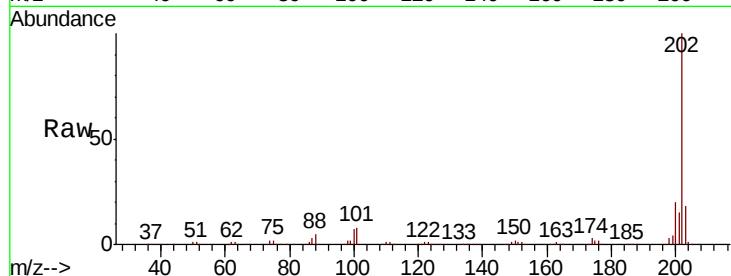




#75
 Fluoranthene
 Concen: 46.944 ng
 RT: 19.50 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

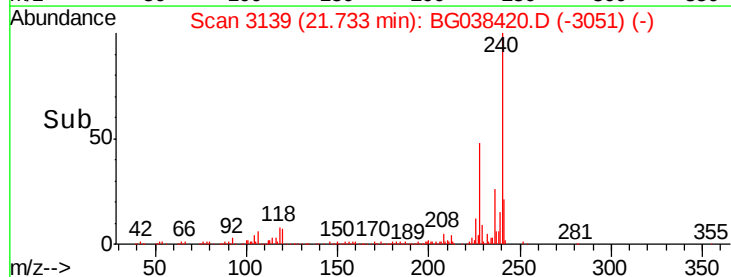
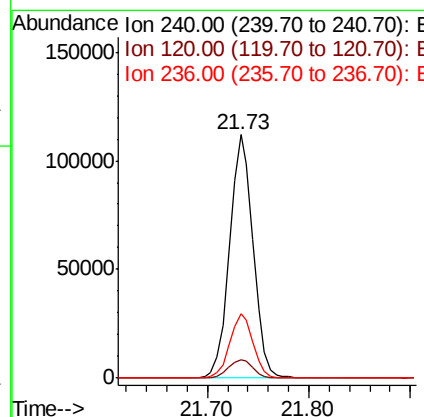
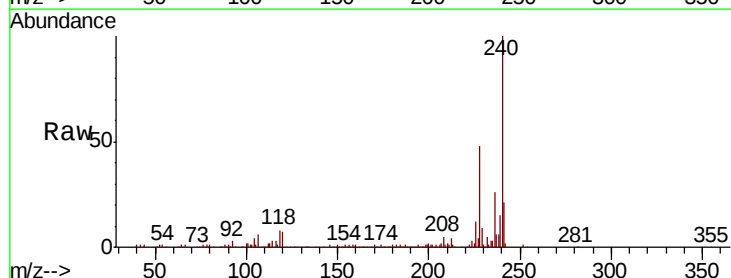
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

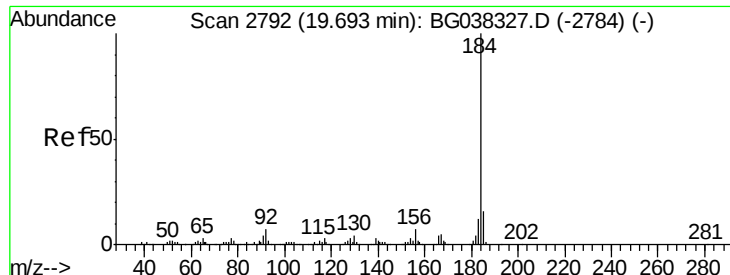
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	505560		
101	8.4		0.0	30.7
203	18.0		0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038420.D
 Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	179437		
120	7.3		8.1	12.1#
236	26.4		21.4	32.0





#77

Benzidine

Concen: 30.040 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

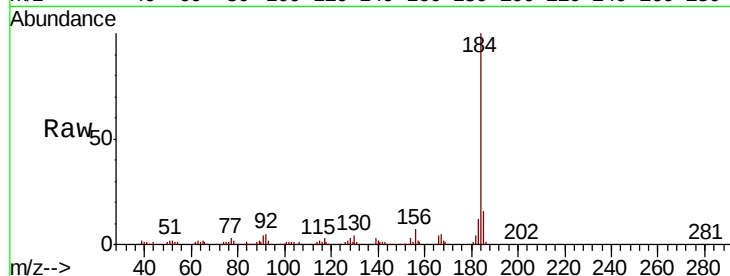
Tgt Ion:184 Resp: 181891

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

183 12.4 10.2 15.2

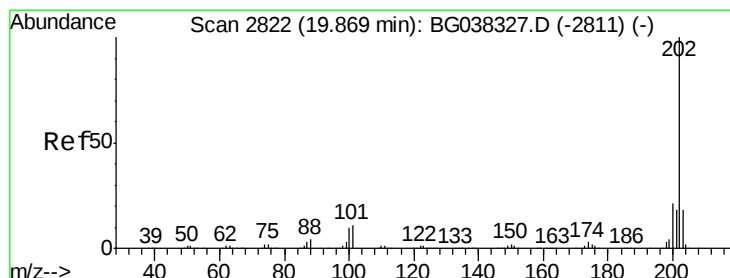
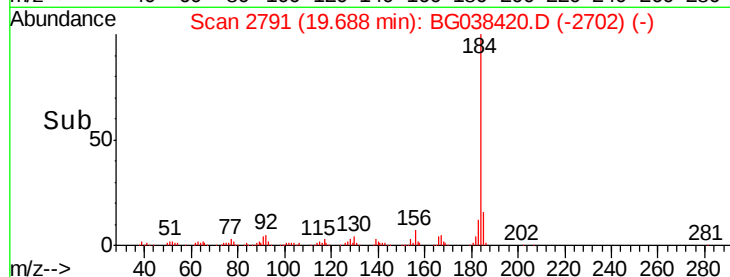
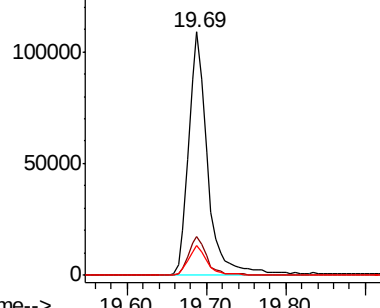


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.004 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

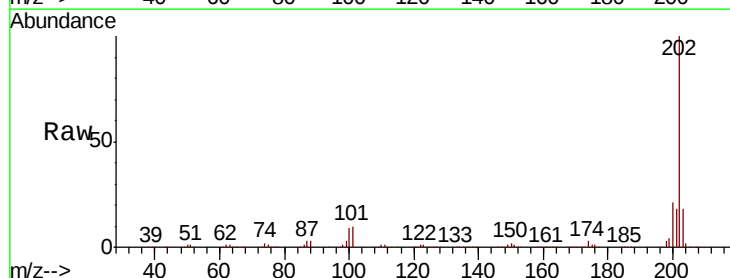
Tgt Ion:202 Resp: 502250

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

203 17.7 15.2 22.8

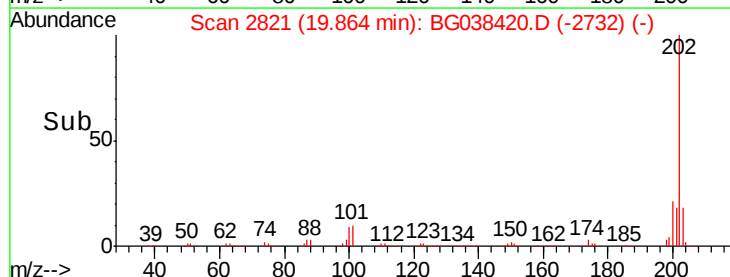
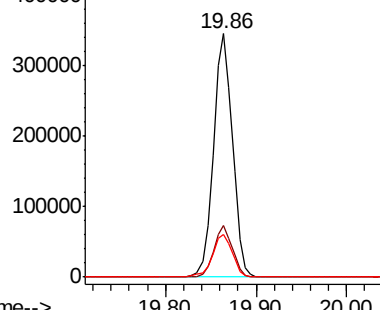


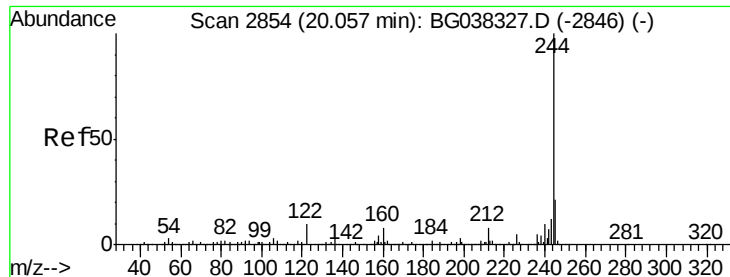
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.814 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

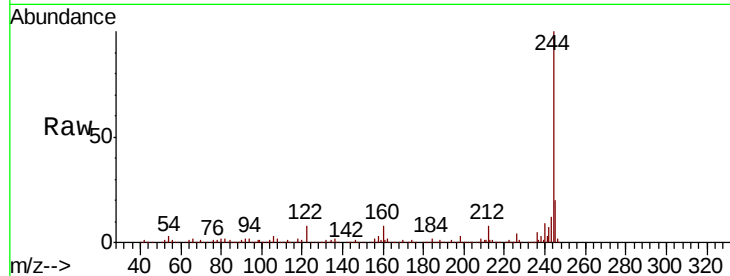
Tgt Ion:244 Resp: 618270

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

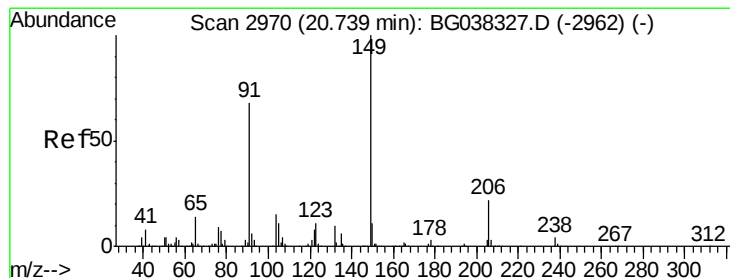
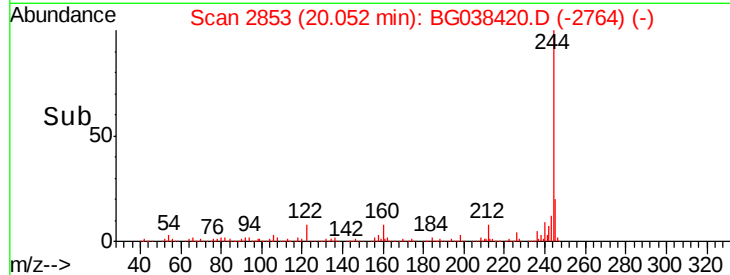
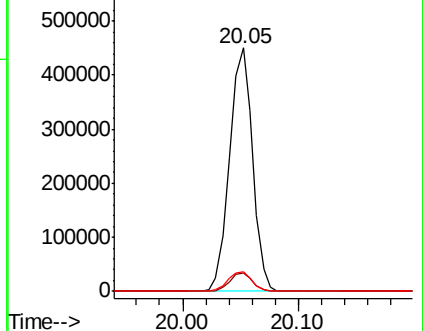
122 8.2 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.013 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

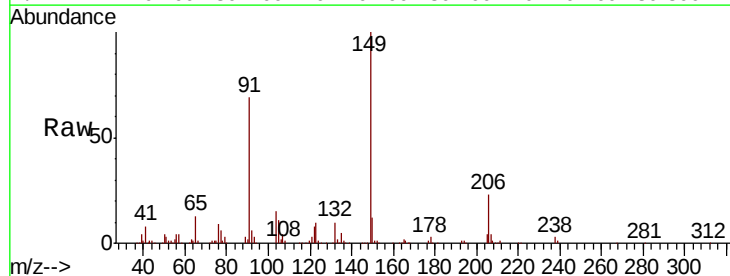
Tgt Ion:149 Resp: 202048

Ion Ratio Lower Upper

149 100

91 69.1 57.0 85.4

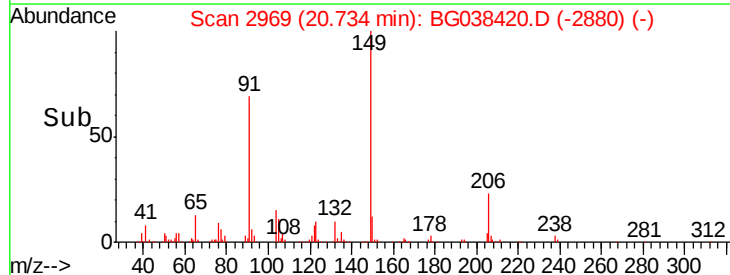
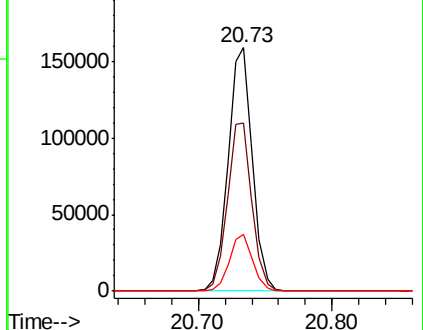
206 23.3 17.8 26.6

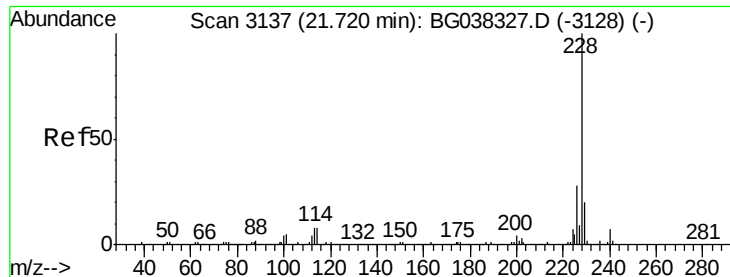


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.895 ng

RT: 21.72 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

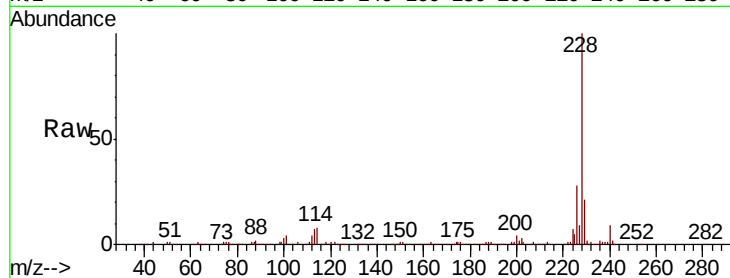
Tgt Ion:228 Resp: 473059

Ion Ratio Lower Upper

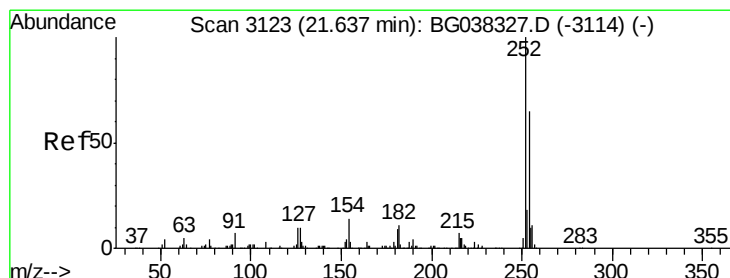
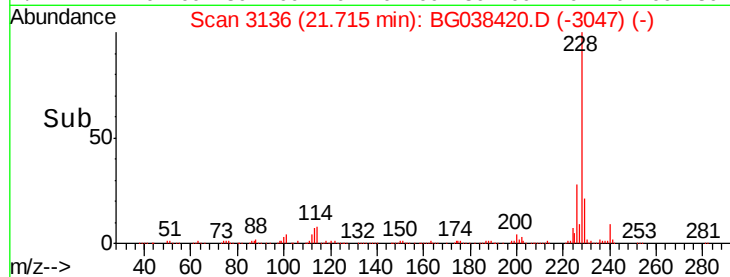
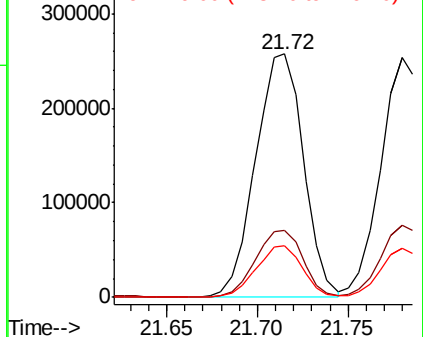
228 100

226 27.7 22.6 33.8

229 21.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.383 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

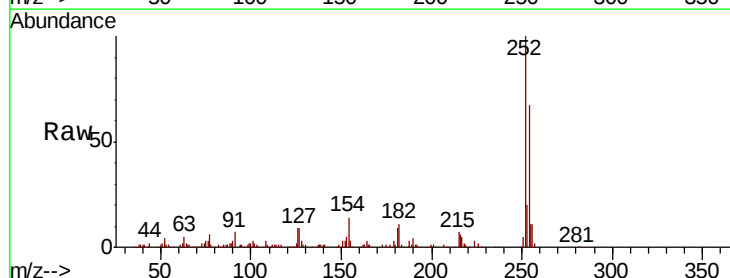
Tgt Ion:252 Resp: 143220

Ion Ratio Lower Upper

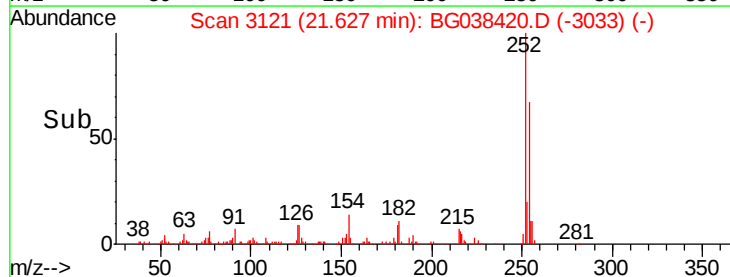
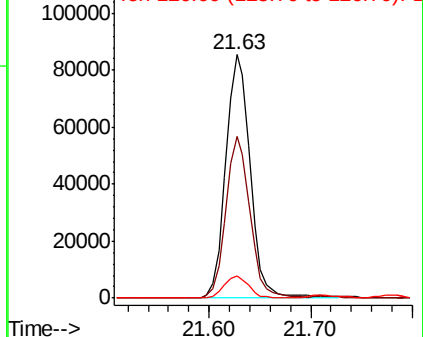
252 100

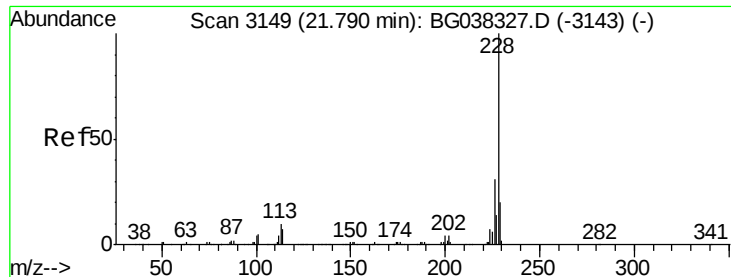
254 66.6 52.0 78.0

126 9.1 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.242 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

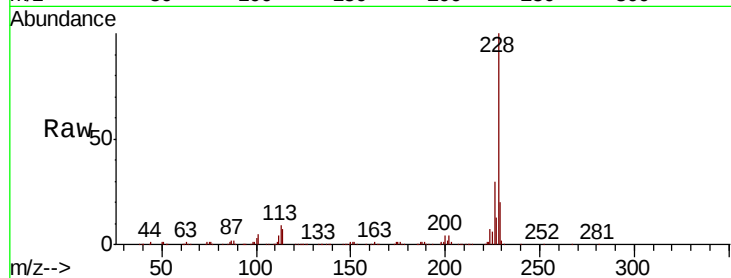
Tgt Ion:228 Resp: 440852

Ion Ratio Lower Upper

228 100

226 30.3 25.7 38.5

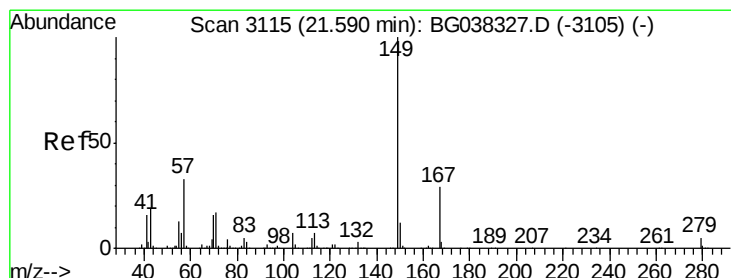
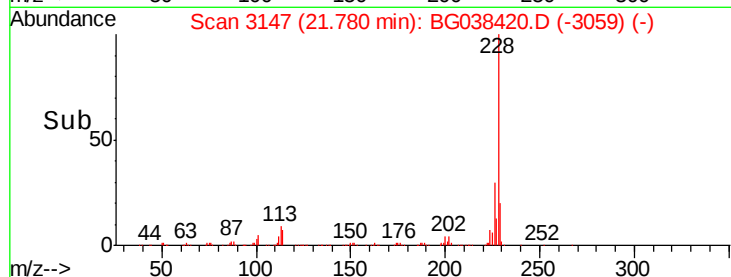
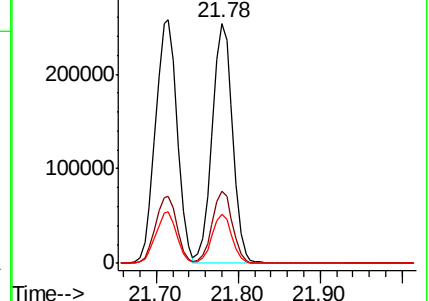
229 20.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.906 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

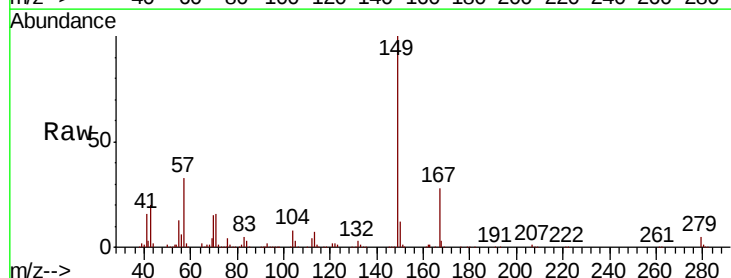
Tgt Ion:149 Resp: 278462

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

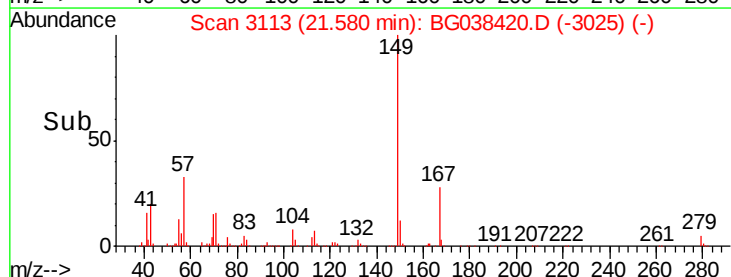
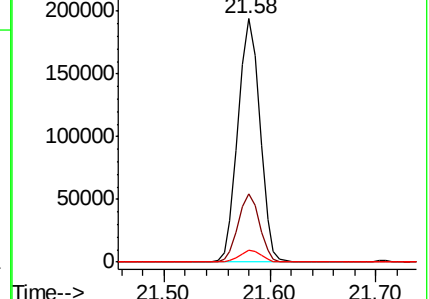
279 4.8 3.6 5.4

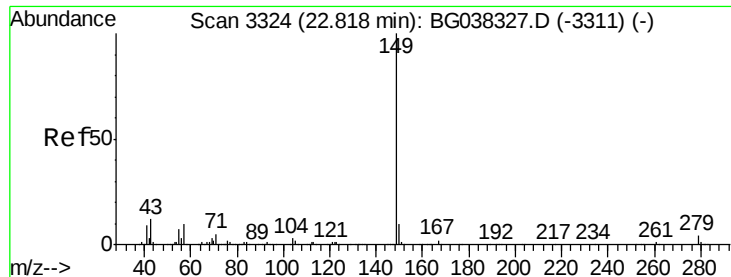


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.926 ng

RT: 22.81 min Scan# 3322

Delta R.T. -0.01 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

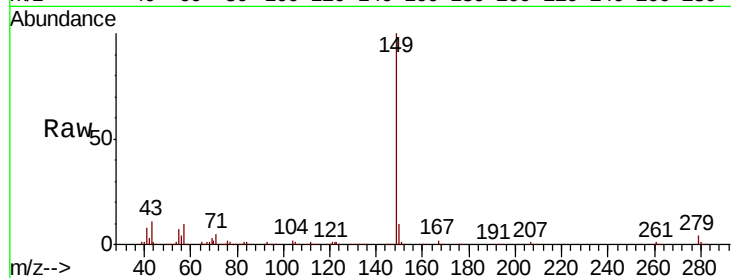
Tgt Ion:149 Resp: 674064

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

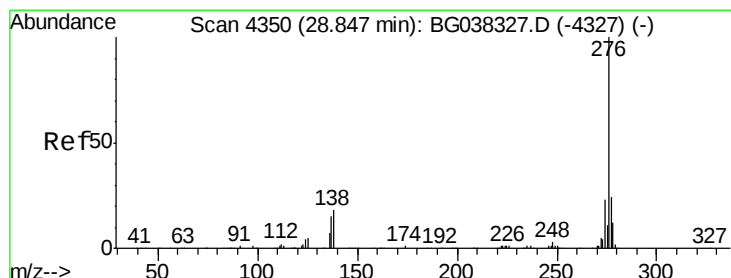
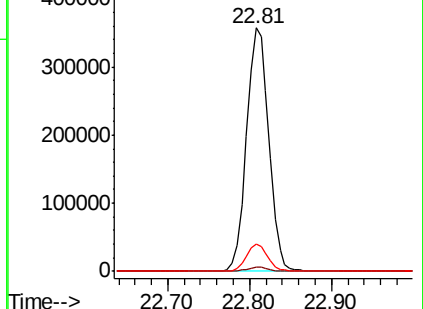
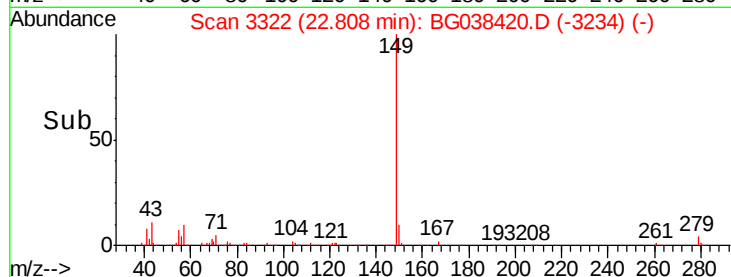
43 10.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.383 ng

RT: 28.82 min Scan# 4345

Delta R.T. -0.03 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

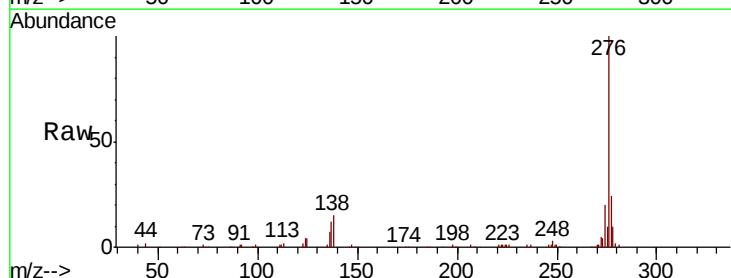
Tgt Ion:276 Resp: 514554

Ion Ratio Lower Upper

276 100

138 14.4 12.0 18.0

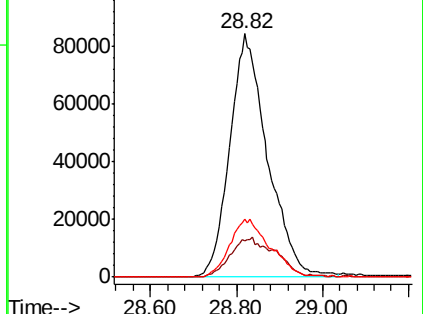
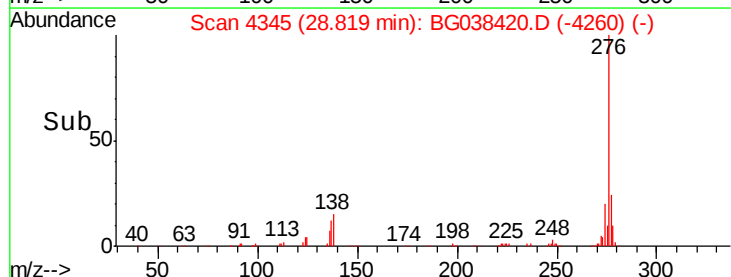
277 25.4 20.6 30.8

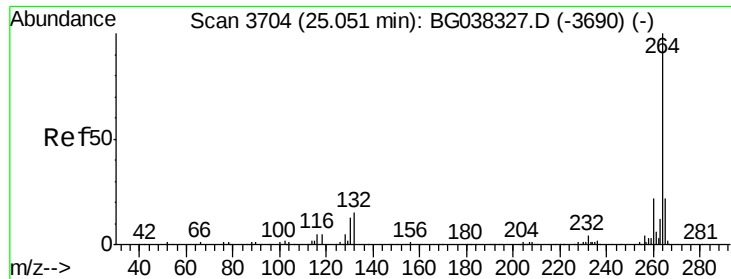


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



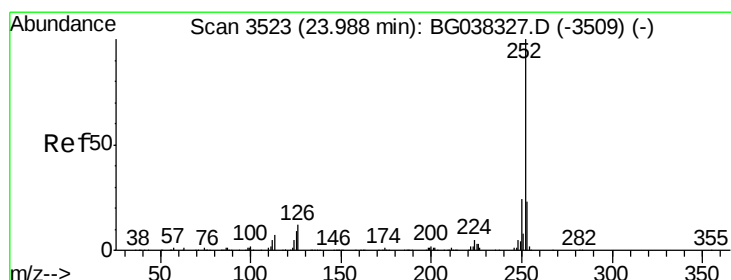
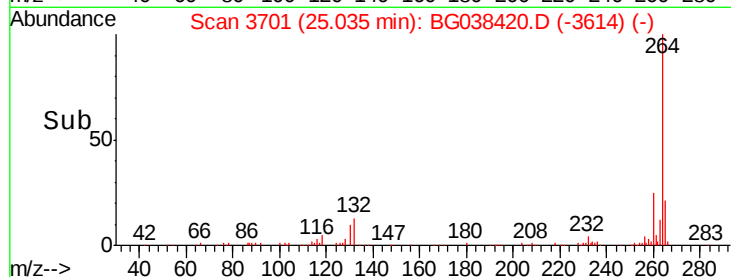
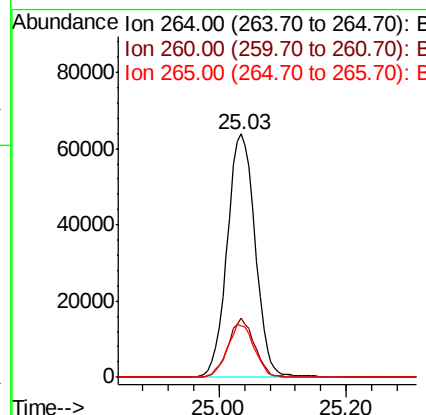
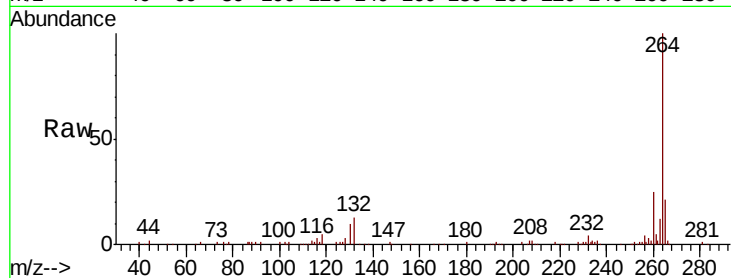


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion: 264 Resp: 193715

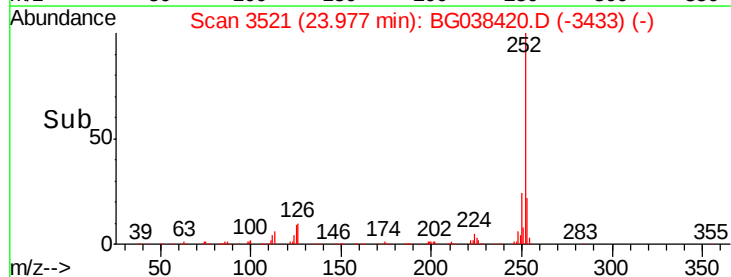
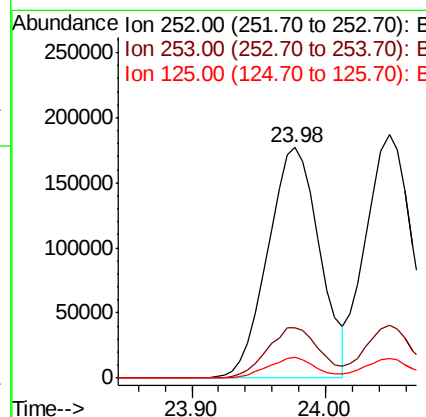
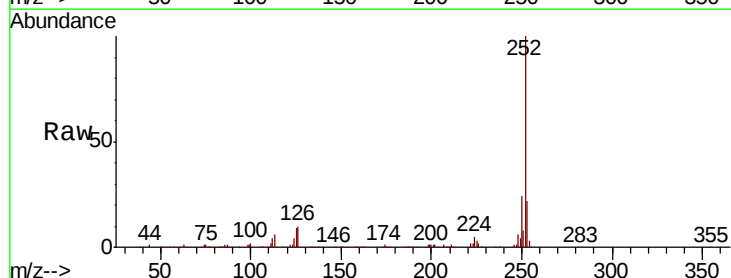
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.4	17.9	26.9

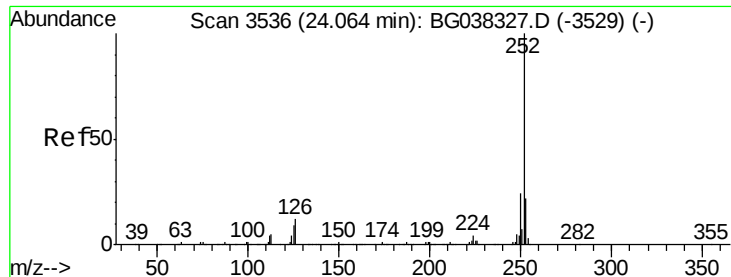


#88
Benzo(b)fluoranthene
Concen: 43.651 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion: 252 Resp: 477789

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	8.8	7.8	11.6

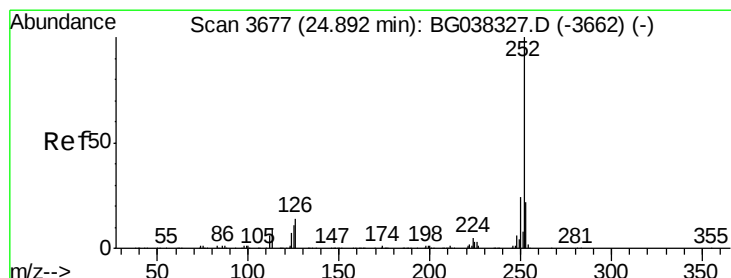
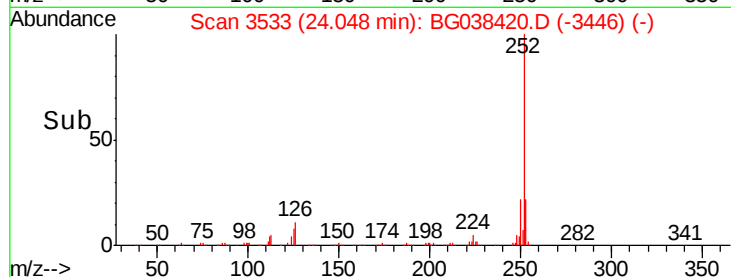
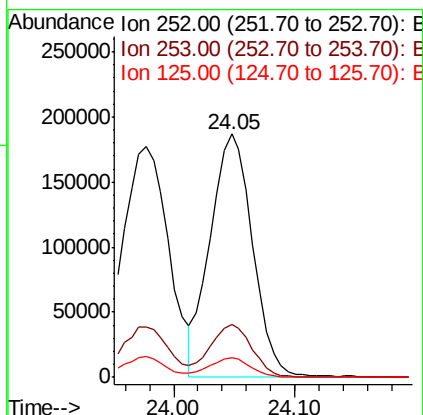
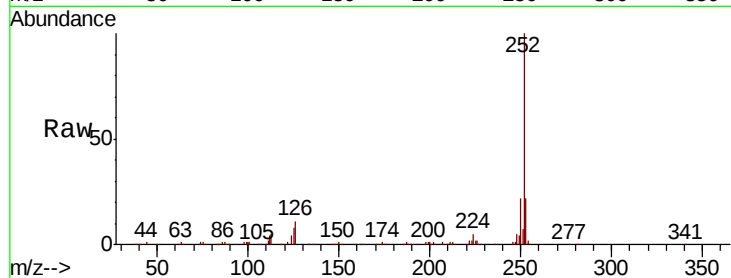




#89
Benzo(k)fluoranthene
Concen: 41.395 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

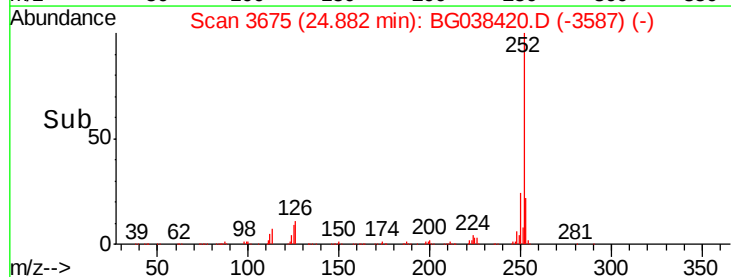
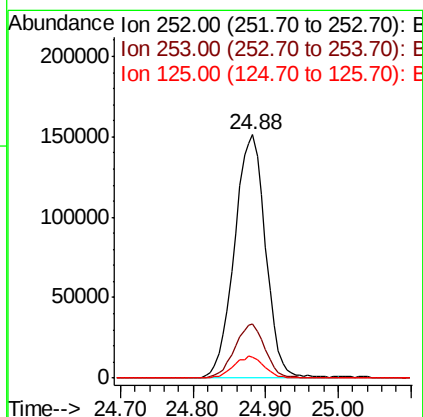
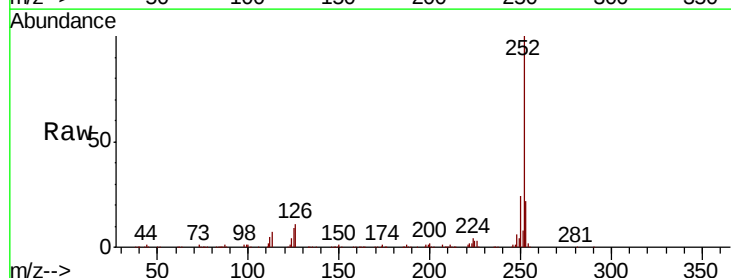
Instrument :
BNA_G
ClientSampleId :
PB115253BS

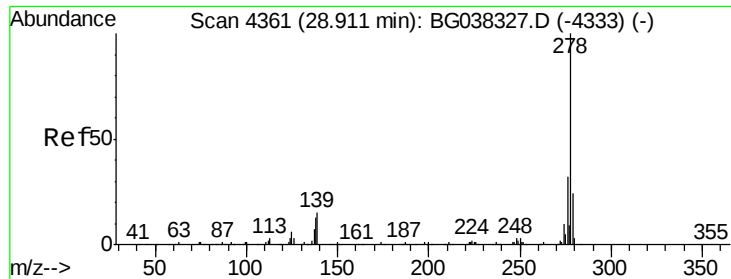
Tgt Ion:252 Resp: 451257
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 42.414 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG038420.D
Acq: 8 Dec 2018 2:02

Tgt Ion:252 Resp: 450311
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.5 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 41.825 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_G

ClientSampleId :

PB115253BS

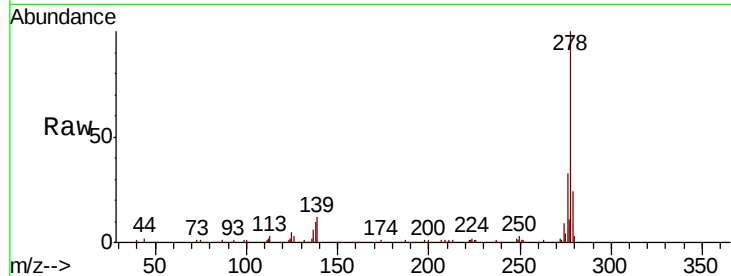
Tgt Ion: 278 Resp: 421162

Ion Ratio Lower Upper

278 100

139 12.0 11.5 17.3

279 23.9 18.6 27.8

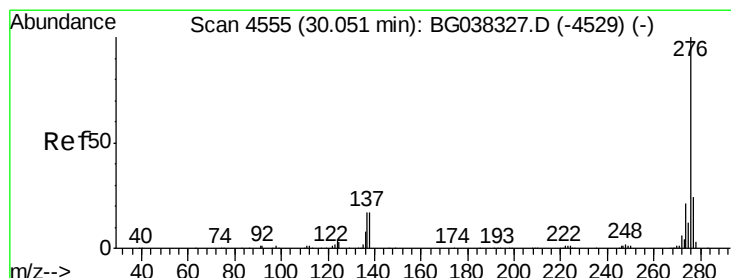
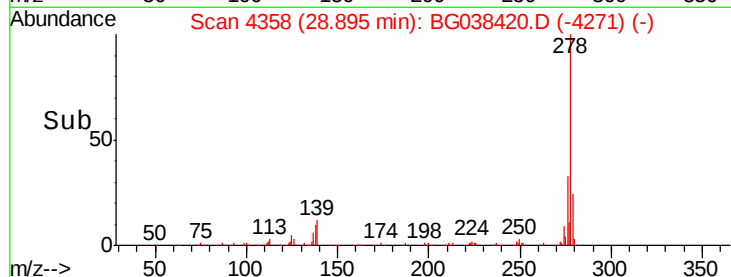
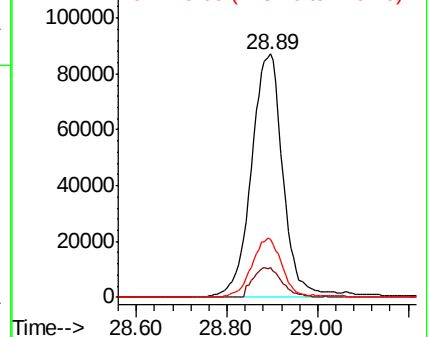


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.055 ng

RT: 30.02 min Scan# 4550

Delta R.T. -0.03 min

Lab File: BG038420.D

Acq: 8 Dec 2018 2:02

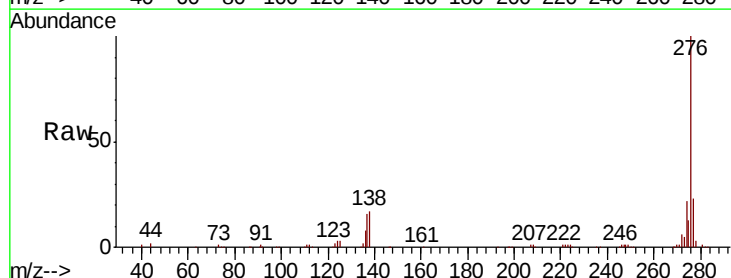
Tgt Ion: 276 Resp: 420157

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 17.0 17.2 25.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

