

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038637.D
 Acq On : 16 Dec 2018 12:46
 Operator : JU/SJ
 Sample : PB115713BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 17 05:49:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22007	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	86550	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	54214	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	136892	20.00	ng	0.00
76) Chrysene-d12	21.73	240	147204	20.00	ng	0.00
87) Perylene-d12	25.02	264	158295	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	175955	141.81	ng	0.00
7) Phenol-d6	7.21	99	230814	135.51	ng	0.00
23) Nitrobenzene-d5	9.24	82	121723	71.85	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	102975	137.82	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	274045	69.35	ng	0.00
79) Terphenyl-d14	20.05	244	559669	82.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	19984	34.606	ng	92
3) Pyridine	3.89	79	55620	34.983	ng	91
4) n-Nitrosodimethylamine	3.82	42	37865	48.606	ng	# 86
6) Aniline	7.38	93	69303	31.872	ng	97
8) 2-Chlorophenol	7.62	128	62230	43.340	ng	98
9) Benzaldehyde	7.20	77	21253	19.234	ng	95
10) Phenol	7.24	94	77674	42.923	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	55169	38.292	ng	96
12) 1,3-Dichlorobenzene	7.94	146	66362	39.089	ng	99
13) 1,4-Dichlorobenzene	8.10	146	66396	38.186	ng	98
14) 1,2-Dichlorobenzene	8.41	146	63185	38.546	ng	96
15) Benzyl Alcohol	8.30	79	56014	42.131	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	123760	37.498	ng	98
17) 2-Methylphenol	8.50	107	53326	43.983	ng	97
18) Hexachloroethane	9.14	117	23890	37.600	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	44977	37.596	ng	98
20) 3+4-Methylphenols	8.82	107	72201	43.120	ng	97
22) Acetophenone	8.89	105	89550	41.423	ng	98
24) Nitrobenzene	9.28	77	70476	41.121	ng	99
25) Isophorone	9.79	82	126269	41.482	ng	# 98
26) 2-Nitrophenol	9.99	139	35394	40.349	ng	96
27) 2,4-Dimethylphenol	10.03	122	60672	48.261	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	71065	41.370	ng	99
29) 2,4-Dichlorophenol	10.52	162	63389	45.324	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	68029	40.270	ng	100
31) Naphthalene	10.93	128	185880	43.589	ng	98
32) Benzoic acid	10.19	122	21499	31.386	ng	89
33) 4-Chloroaniline	11.05	127	41397	22.360	ng	98
34) Hexachlorobutadiene	11.19	225	45718	39.995	ng	95
35) Caprolactam	11.83	113	12792	22.101	ng	97
36) 4-Chloro-3-methylphenol	12.15	107	66276	41.526	ng	95
37) 2-Methylnaphthalene	12.53	142	136151	44.753	ng	95
38) 1-Methylnaphthalene	12.75	142	128967	43.686	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	80087	39.520	ng	99

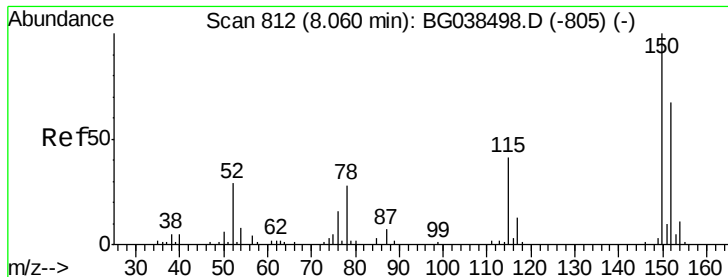
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038637.D
 Acq On : 16 Dec 2018 12:46
 Operator : JU/SJ
 Sample : PB115713BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 17 05:49:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	109752	98.578	nq	93
43) 2,4,6-Trichlorophenol	13.13	196	53410	42.864	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	62073	47.052	nq	97
46) 1,1'-Biphenyl	13.53	154	177406	39.034	nq	97
47) 2-Chloronaphthalene	13.58	162	145542	41.457	nq	97
48) 2-Nitroaniline	13.79	65	48390	43.273	nq	98
49) Acenaphthylene	14.42	152	230157	43.853	nq	98
50) Dimethylphthalate	14.15	163	186179	42.052	nq	99
51) 2,6-Dinitrotoluene	14.28	165	41704	41.567	nq	97
52) Acenaphthene	14.76	154	128461	40.933	nq	98
53) 3-Nitroaniline	14.61	138	30433	29.756	nq	97
54) 2,4-Dinitrophenol	14.82	184	47254	79.211	nq	98
55) Dibenzofuran	15.09	168	219051	40.719	nq	99
56) 4-Nitrophenol	14.91	139	67484	86.977	nq	98
57) 2,4-Dinitrotoluene	15.06	165	59932	42.411	nq	98
58) Fluorene	15.74	166	174993	43.906	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	54270	45.724	nq	99
60) Diethylphthalate	15.50	149	192322	39.571	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	99190	39.887	nq	99
62) 4-Nitroaniline	15.77	138	44831	42.577	nq	96
63) Azobenzene	16.02	77	167481	41.250	nq	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	37285	38.181	nq	93
66) n-Nitrosodiphenylamine	15.95	169	161632	40.185	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	65122	38.952	nq	98
68) Hexachlorobenzene	16.74	284	67454	38.922	nq	96
69) Atrazine	16.89	200	68762	46.066	nq	99
70) Pentachlorophenol	17.09	266	77163	75.275	nq	94
71) Phenanthrene	17.49	178	313386	44.147	nq	99
72) Anthracene	17.58	178	321366	45.857	nq	99
73) Carbazole	17.85	167	290258	41.880	nq	98
74) Di-n-butylphthalate	18.38	149	353716	44.478	nq	99
75) Fluoranthene	19.49	202	405208	46.135	nq	97
77) Benzidine	19.68	184	194892	44.768	nq	98
78) Pyrene	19.86	202	409232	42.082	nq	98
80) Butylbenzylphthalate	20.72	149	160388	42.215	nq	97
81) Benzo(a)anthracene	21.70	228	399862	44.578	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	105091	29.541	nq	95
83) Chrysene	21.77	228	369514	42.769	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	227107	42.147	nq	100
85) Di-n-octyl phthalate	22.80	149	390309	43.251	nq	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	456178	44.911	nq	# 97
88) Benzo(b)fluoranthene	23.97	252	397612	45.750	nq	99
89) Benzo(k)fluoranthene	24.04	252	386397	44.647	nq	97
90) Benzo(a)pyrene	24.86	252	386948	46.150	nq	98
91) Dibenzo(a,h)anthracene	28.87	278	375759	45.010	nq	98
92) Benzo(g,h,i)perylene	29.99	276	373618	45.412	nq	97

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

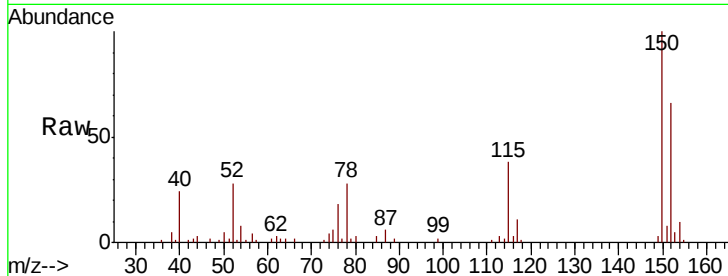


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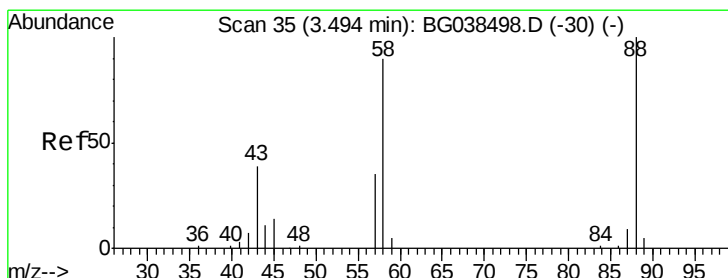
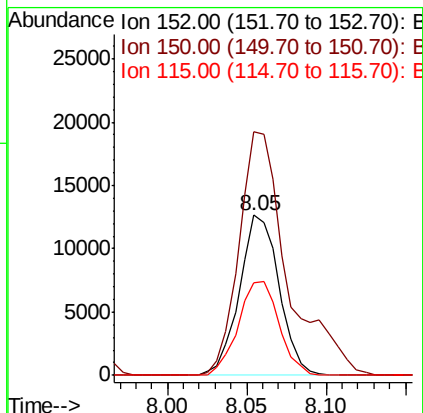
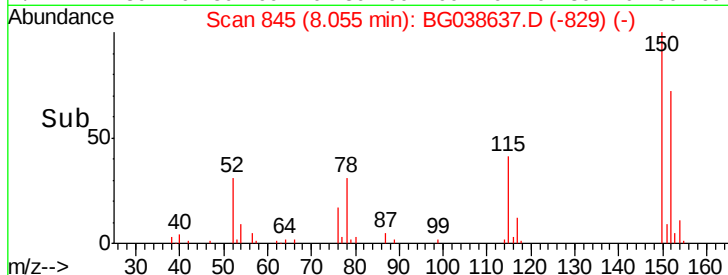
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 22007
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 57.6 49.6 74.4



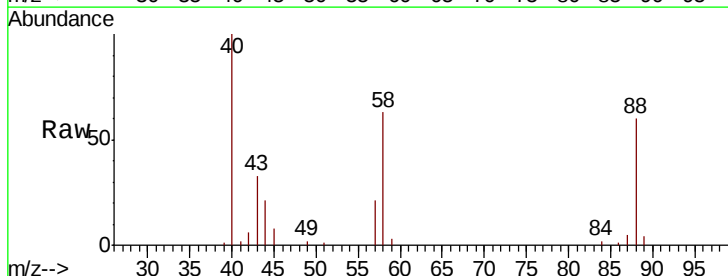
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



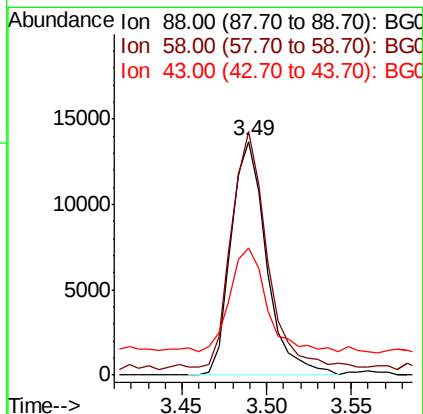
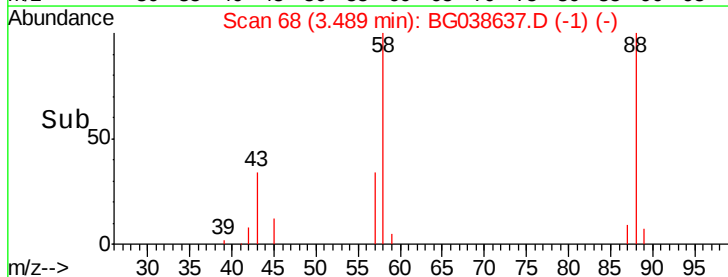
#2

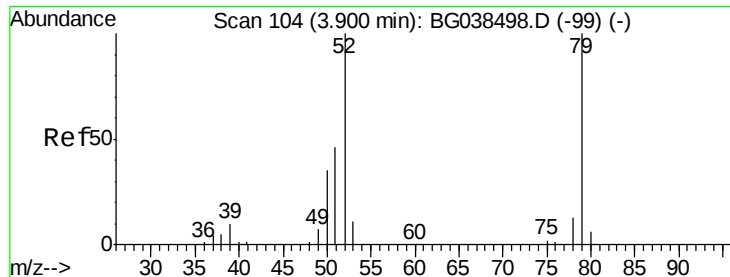
1,4-Dioxane
Concen: 34.606 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion: 88 Resp: 19984
Ion Ratio Lower Upper
88 100
58 101.7 75.7 113.5
43 46.0 31.6 47.4



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

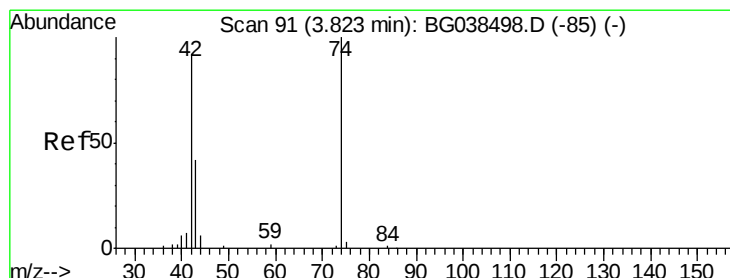
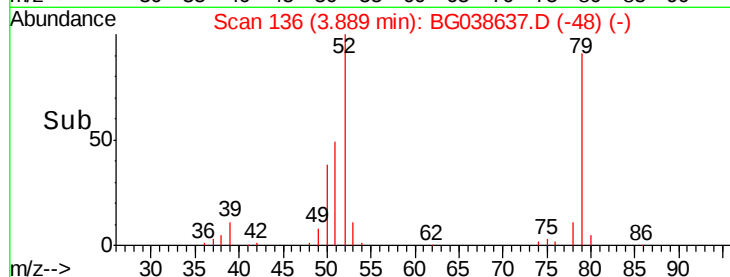
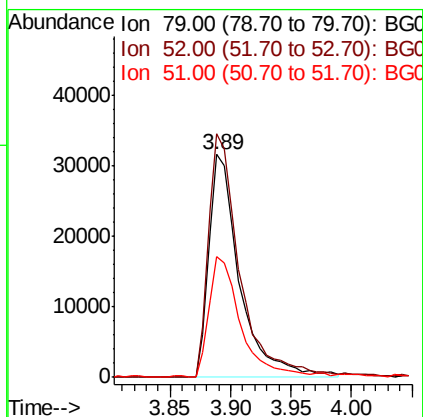
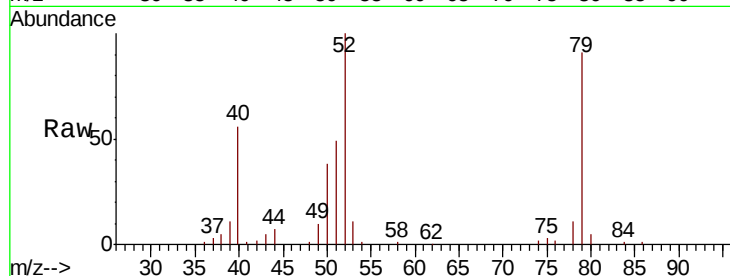




#3
 Pvridine
 Concen: 34.983 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

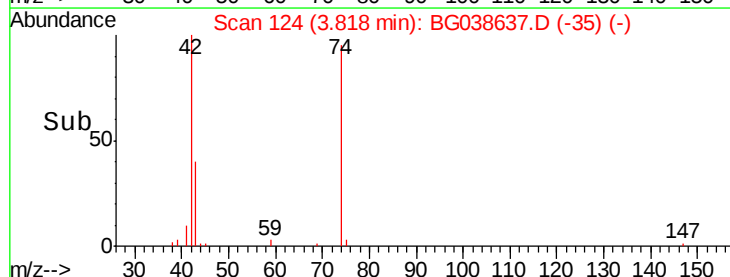
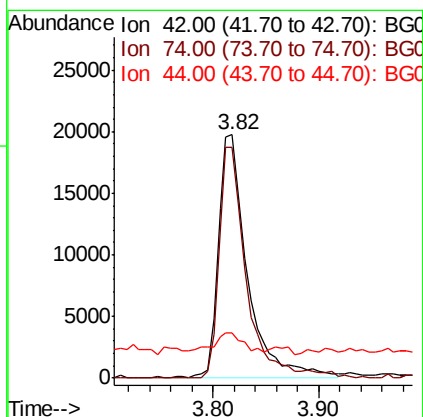
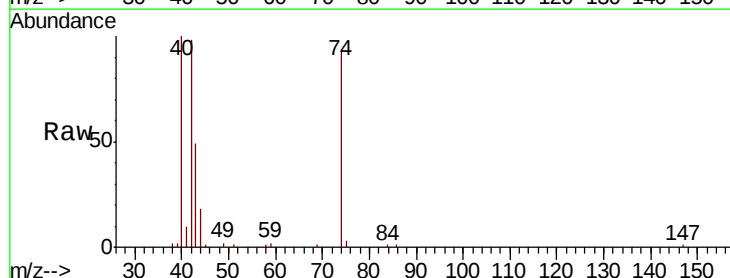
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 79 Resp: 55620
 Ion Ratio Lower Upper
 79 100
 52 109.3 80.2 120.2
 51 54.0 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 48.606 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion: 42 Resp: 37865
 Ion Ratio Lower Upper
 42 100
 74 95.0 86.7 130.1
 44 18.8 7.8 11.8#





#5

2-Fluorophenol

Concen: 141.811 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampled :

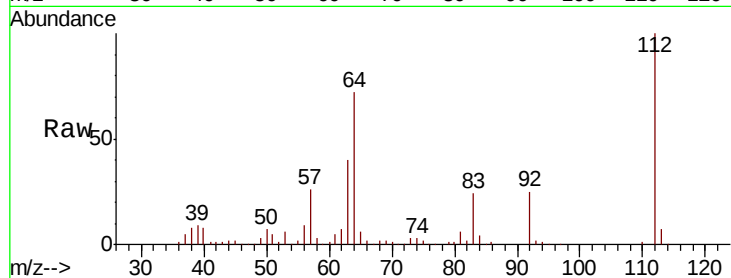
Tot Ion:112 Resp: 175955

Ion Ratio Lower Upper

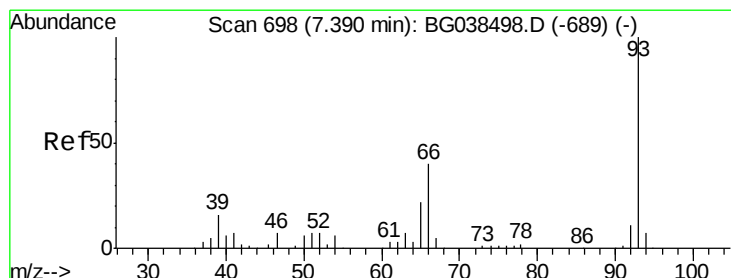
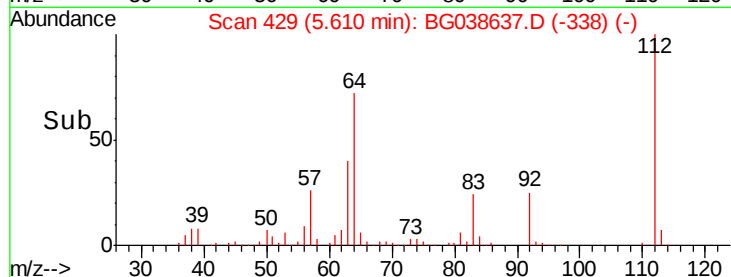
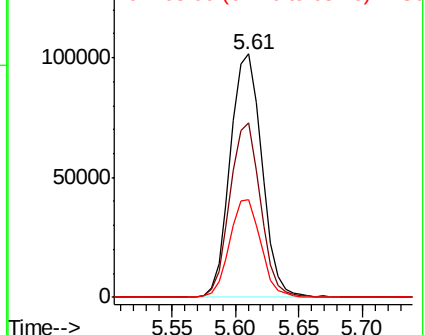
112 100

64 71.8 53.4 80.2

63 40.1 29.3 43.9



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



#6

Aniline

Concen: 31.872 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

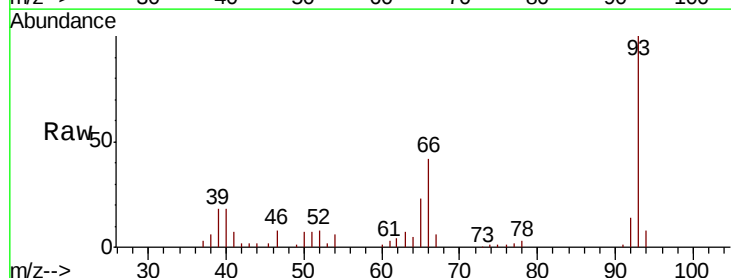
Tgt Ion: 93 Resp: 69303

Ion Ratio Lower Upper

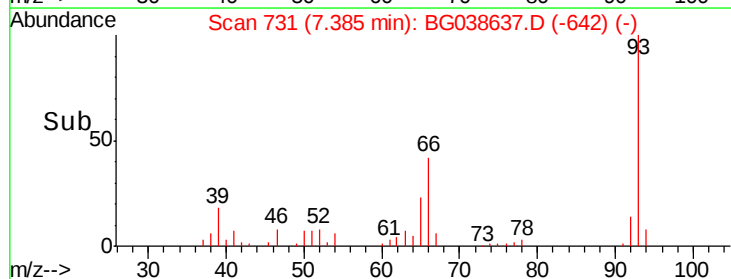
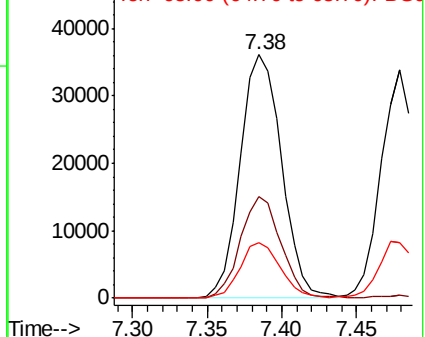
93 100

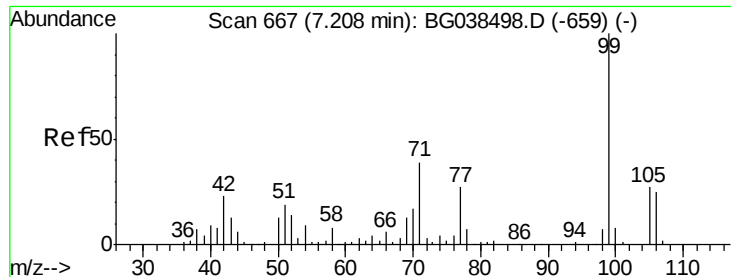
66 41.9 31.7 47.5

65 22.5 17.8 26.6



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





#7

Phenol-d6

Concen: 135.507 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

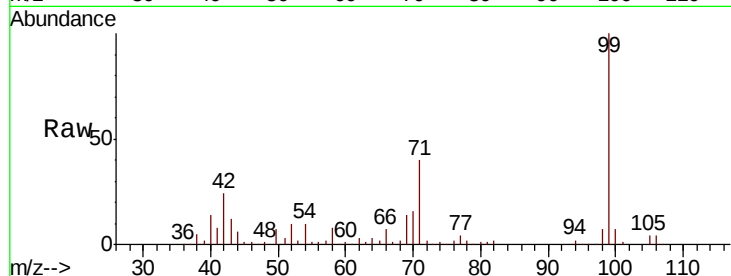
Tot Ion: 99 Resp: 230814

Ion Ratio Lower Upper

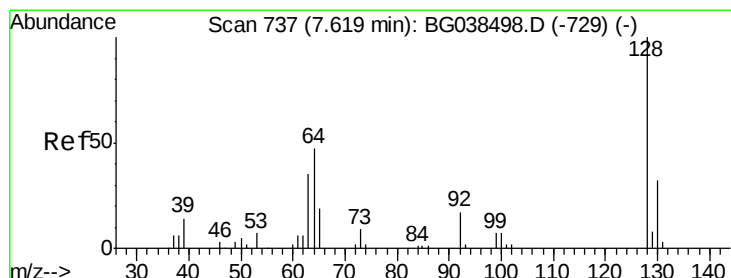
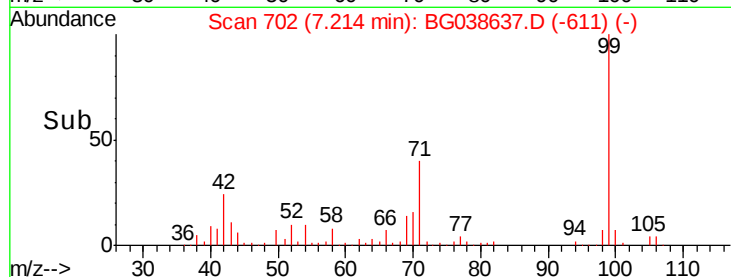
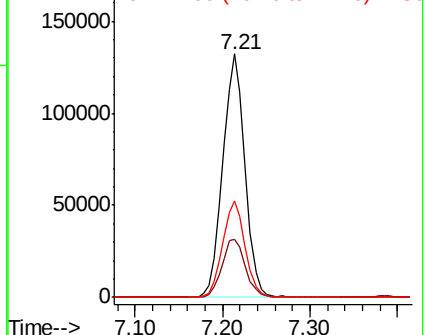
99 100

42 23.8 18.5 27.7

71 39.5 31.1 46.7



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



#8

2-Chlorophenol

Concen: 43.340 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

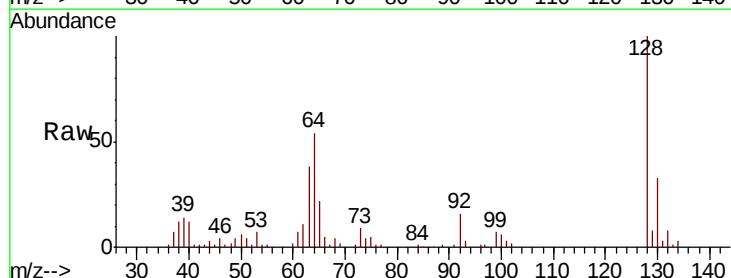
Tgt Ion: 128 Resp: 62230

Ion Ratio Lower Upper

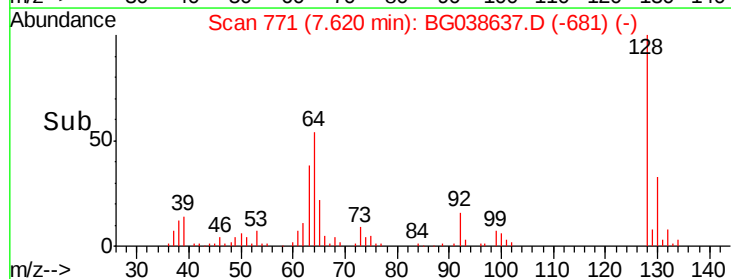
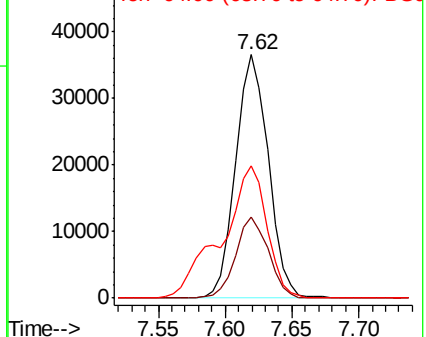
128 100

130 33.1 11.8 51.8

64 54.1 33.2 73.2



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





#9

Benzaldehyde

Concen: 19.234 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

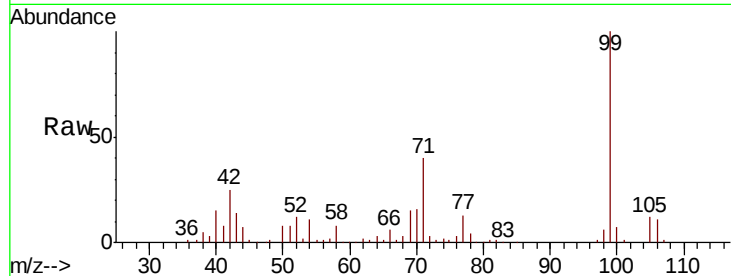
Tot Ion: 77 Resp: 21253

Ion Ratio Lower Upper

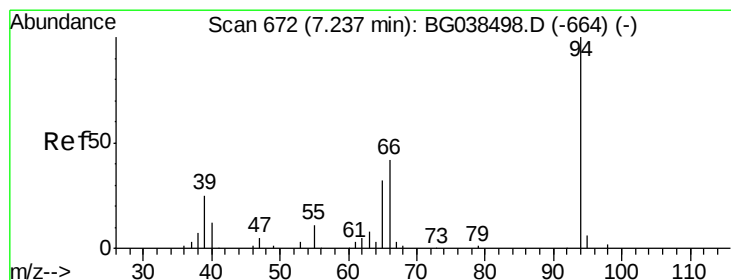
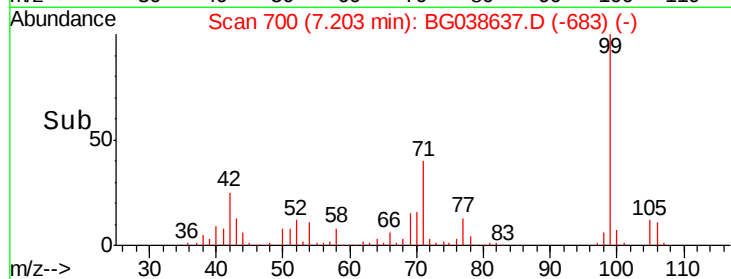
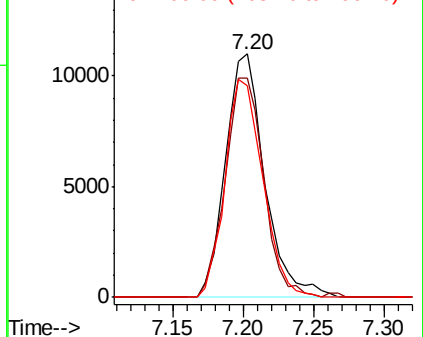
77 100

105 90.3 74.0 114.0

106 87.2 73.9 113.9



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



#10

Phenol

Concen: 42.923 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

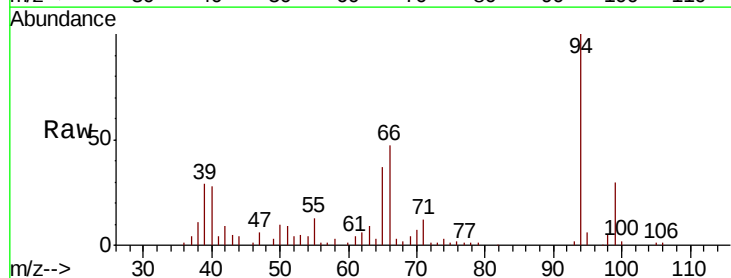
Tgt Ion: 94 Resp: 77674

Ion Ratio Lower Upper

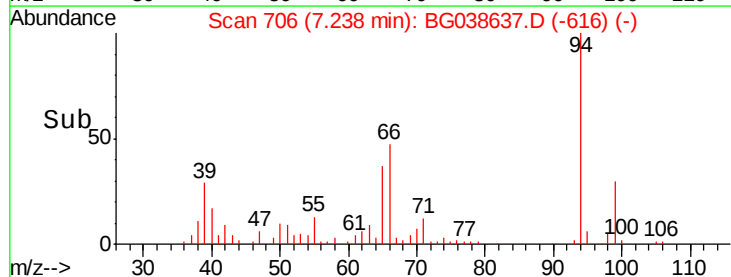
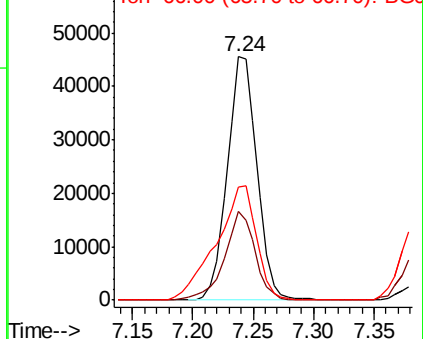
94 100

65 36.7 12.6 52.6

66 46.7 24.1 64.1



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

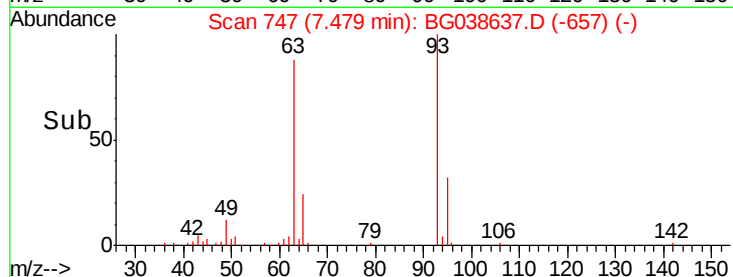
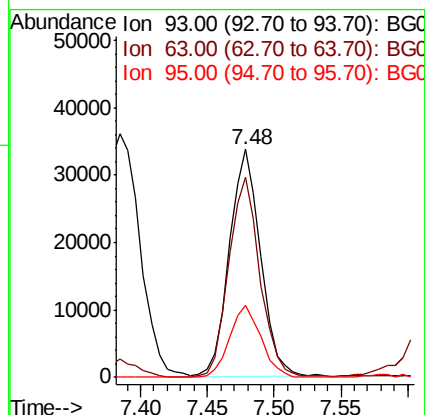
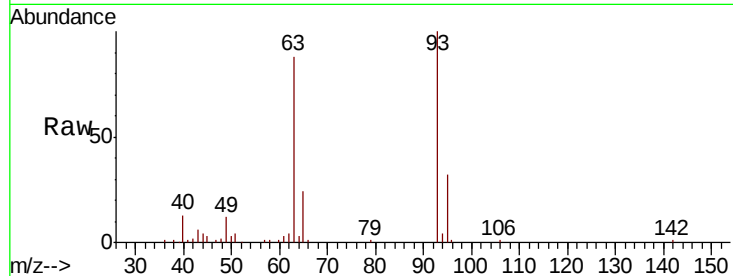




#11
 bis(2-Chloroethyl)ether
 Concen: 38.292 ng
 RT: 7.48 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

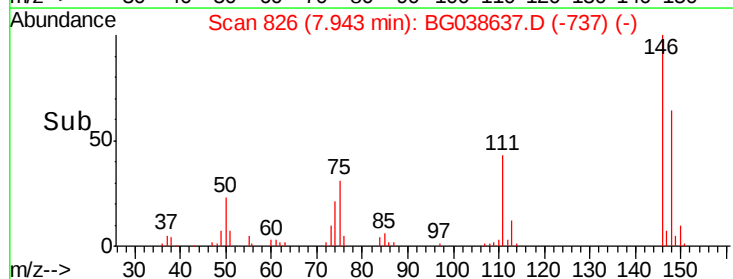
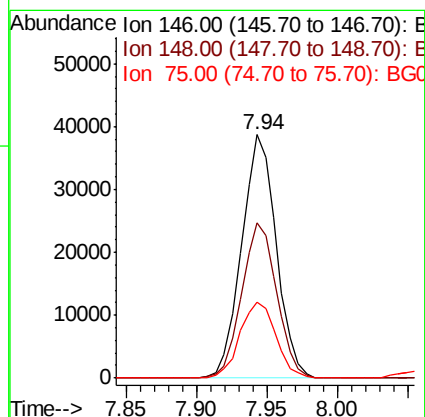
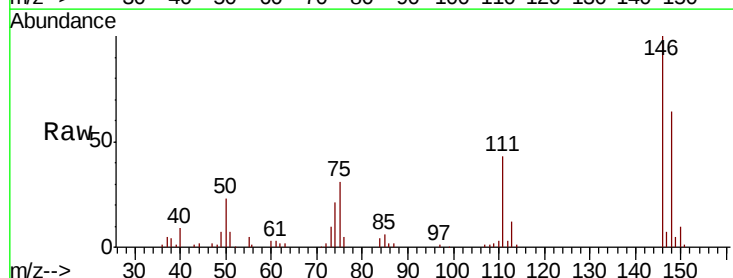
Instrument :
 BNA_G
 ClientSampleId :

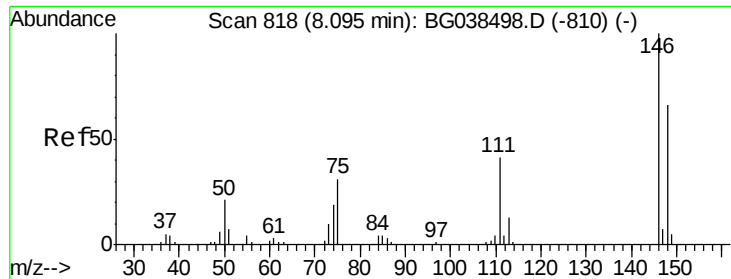
Tot Ion: 93 Resp: 55169
 Ion Ratio Lower Upper
 93 100
 63 87.5 72.2 112.2
 95 31.6 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.089 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion: 146 Resp: 66362
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.0
 75 31.1 26.1 39.1

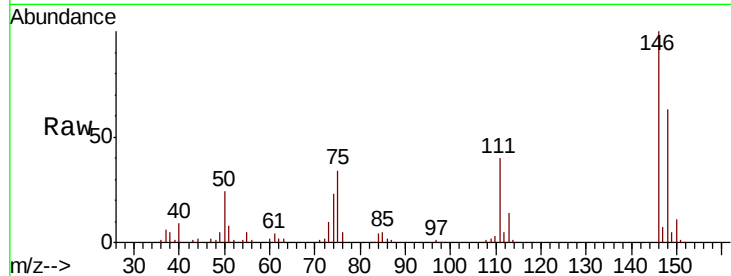




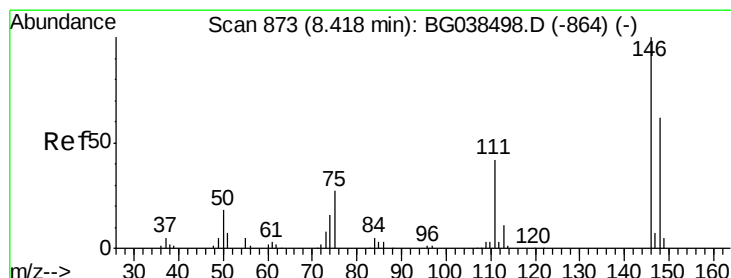
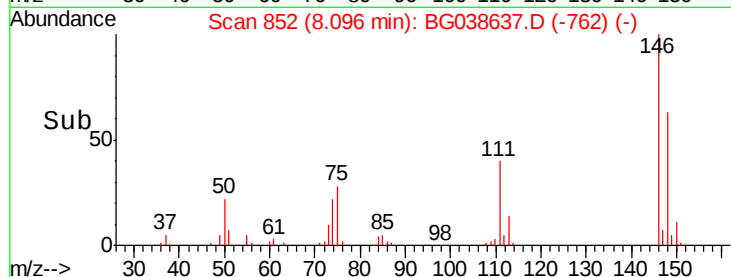
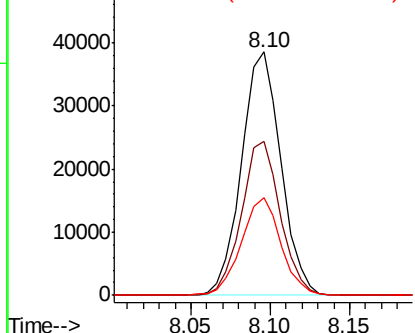
#13
 1,4-Dichlorobenzene
 Concen: 38.186 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 66396
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.4 78.6
 111 40.2 33.0 49.4

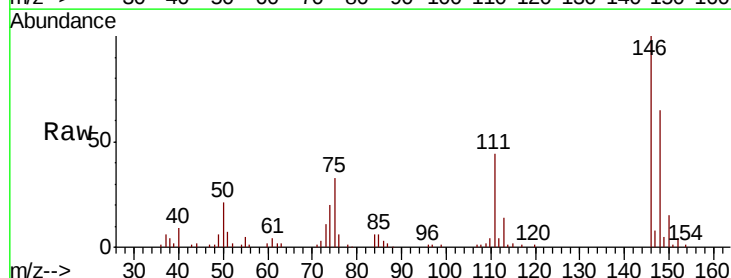


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

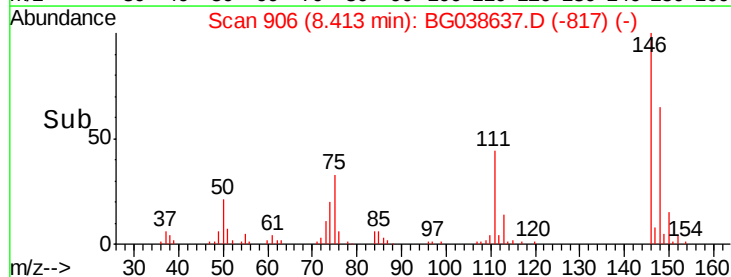
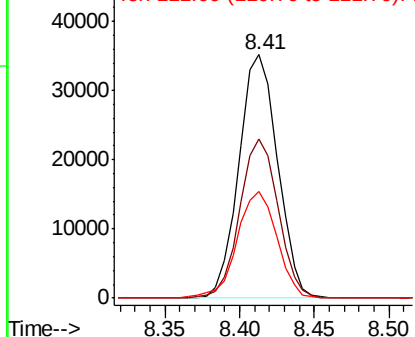


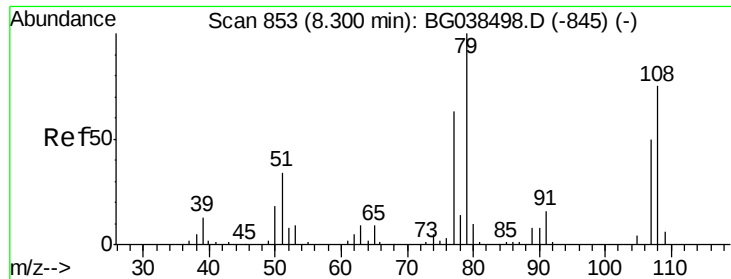
#14
 1,2-Dichlorobenzene
 Concen: 38.546 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion:146 Resp: 63185
 Ion Ratio Lower Upper
 146 100
 148 65.2 49.4 74.0
 111 43.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.131 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampleId :

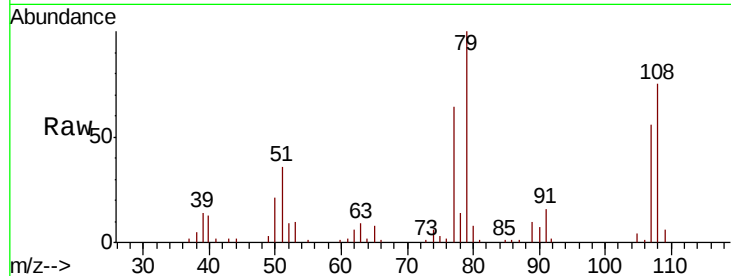
Tot Ion: 79 Resp: 56014

Ion Ratio Lower Upper

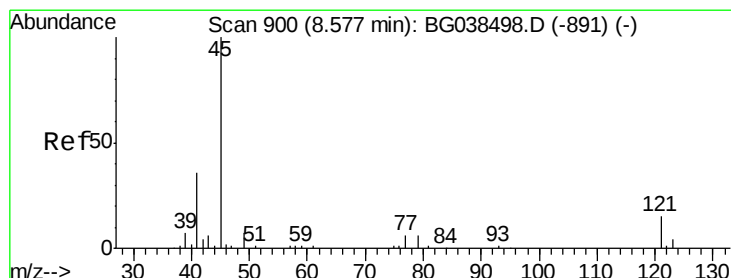
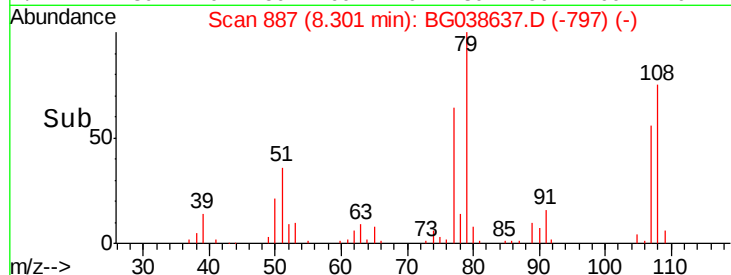
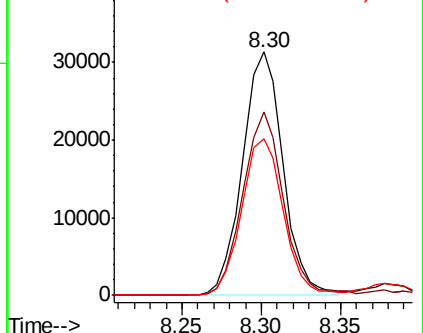
79 100

108 75.4 60.2 90.4

77 64.5 50.7 76.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.498 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

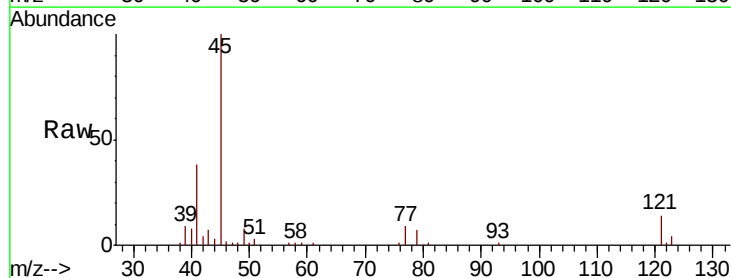
Tgt Ion: 45 Resp: 123760

Ion Ratio Lower Upper

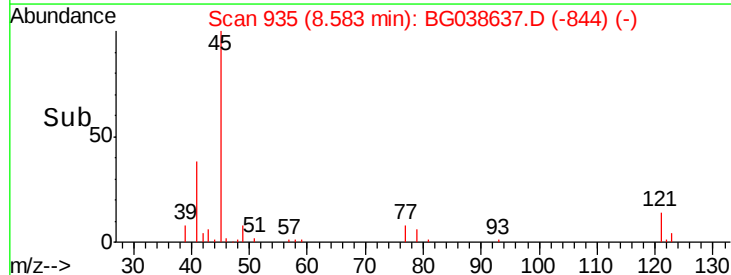
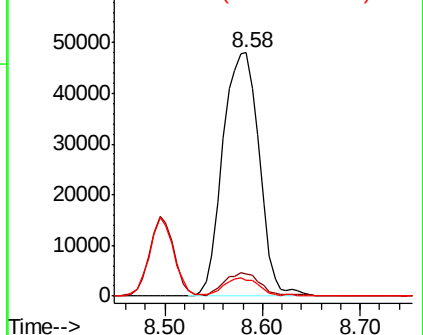
45 100

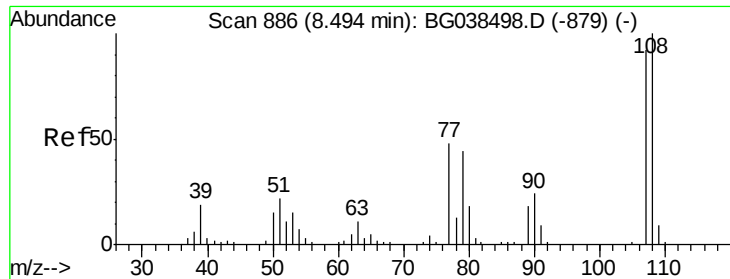
77 9.2 0.0 28.2

79 6.6 0.0 27.2



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

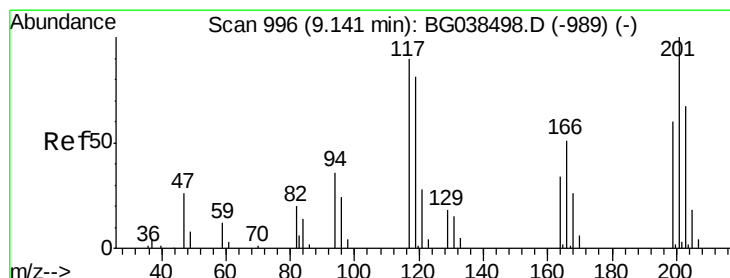
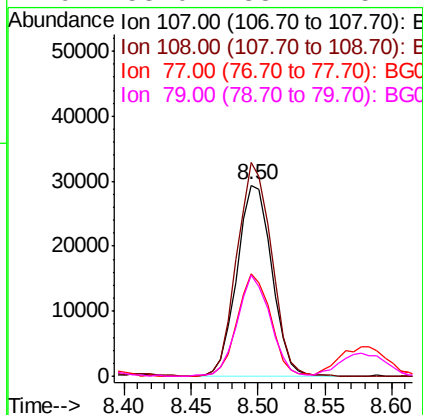
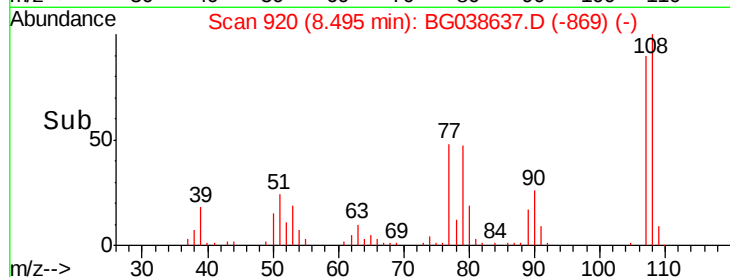
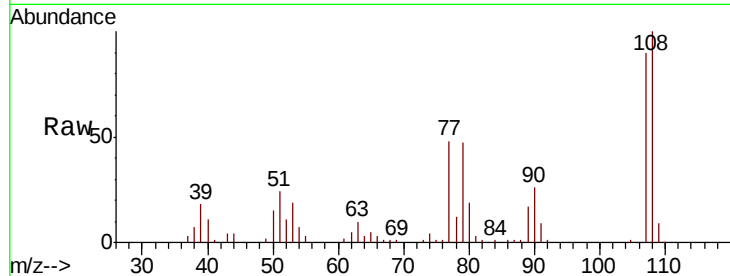




#17
2-Methylphenol
Concen: 43.983 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

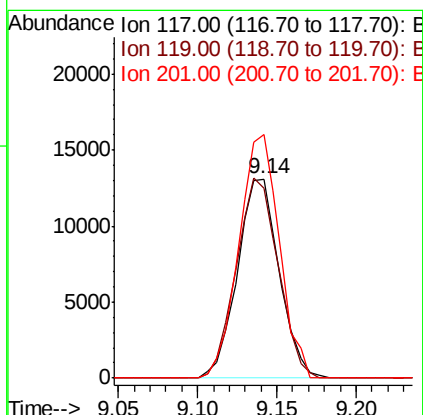
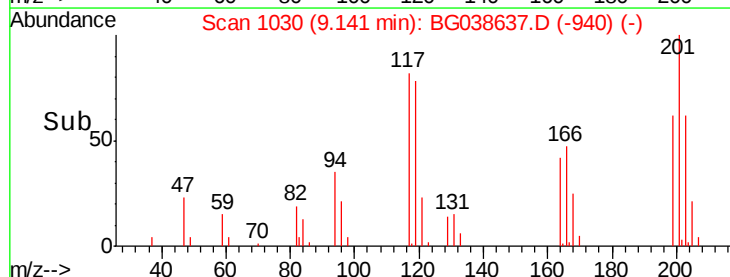
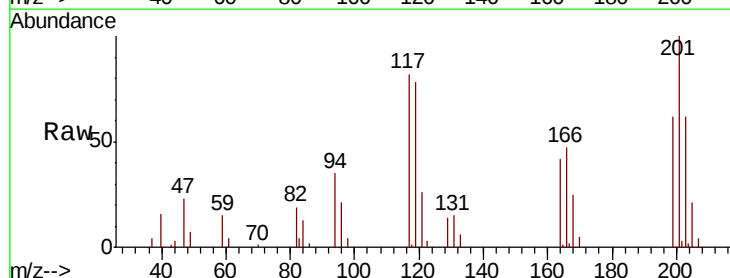
Instrument :
BNA_G
ClientSampleId :

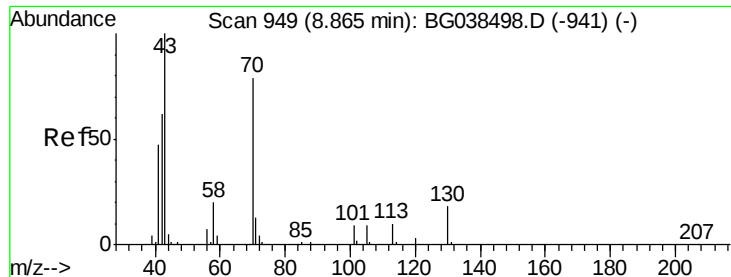
Tot Ion:107 Resp: 53326
Ion Ratio Lower Upper
107 100
108 111.6 87.1 130.7
77 53.5 42.0 63.0
79 53.0 38.2 57.2



#18
Hexachloroethane
Concen: 37.600 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:117 Resp: 23890
Ion Ratio Lower Upper
117 100
119 95.4 73.8 110.8
201 125.8 89.4 134.0

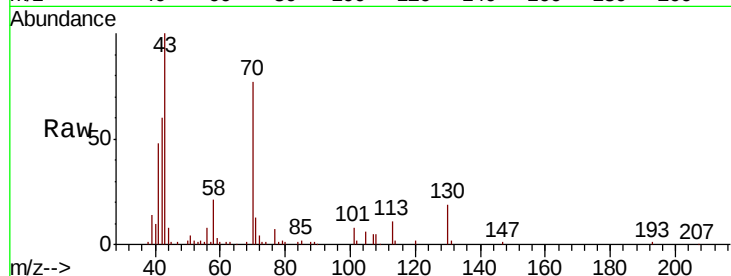




#19
n-Nitroso-di-n-propylamine
Concen: 37.596 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	44977
Ion	Ratio	Lower	Upper
70	100		
42	78.8	63.6	95.4
101	10.6	9.2	13.8
130	24.8	18.5	27.7



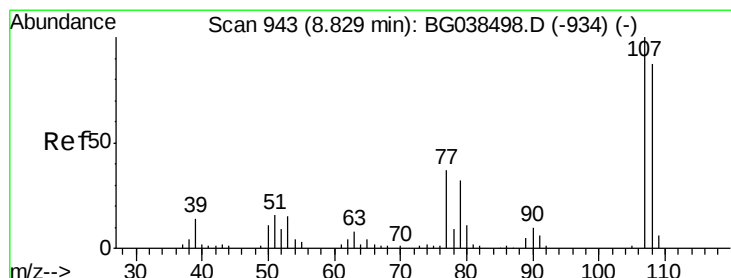
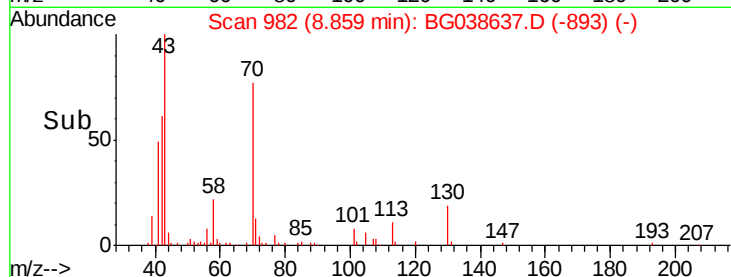
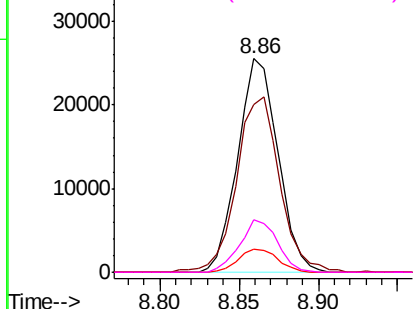
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

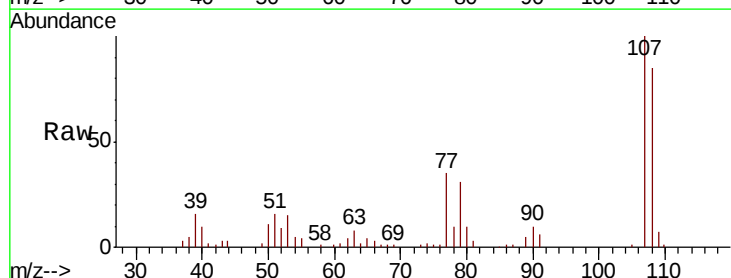
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.120 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:	107	Resp:	72201
Ion	Ratio	Lower	Upper
107	100		
108	85.2	66.7	106.7
77	34.5	17.3	57.3
79	30.6	12.3	52.3



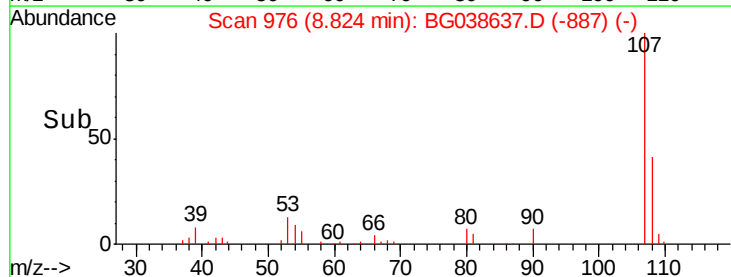
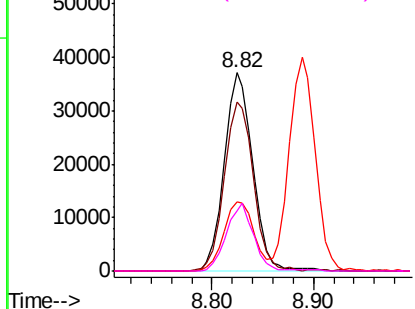
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

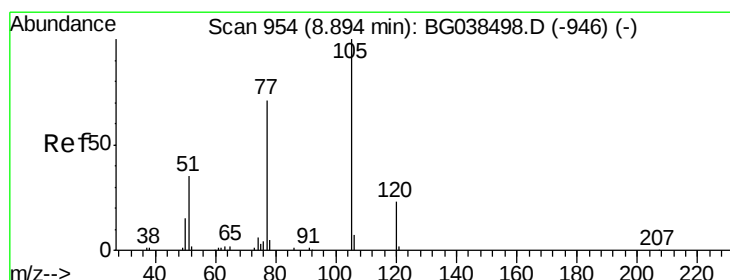
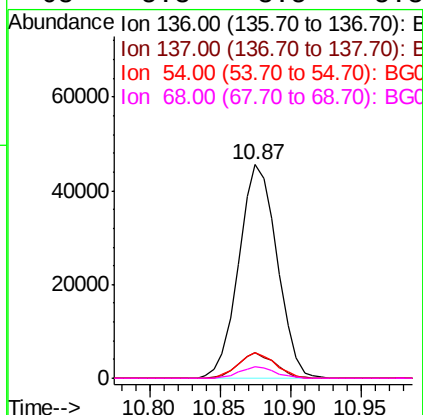
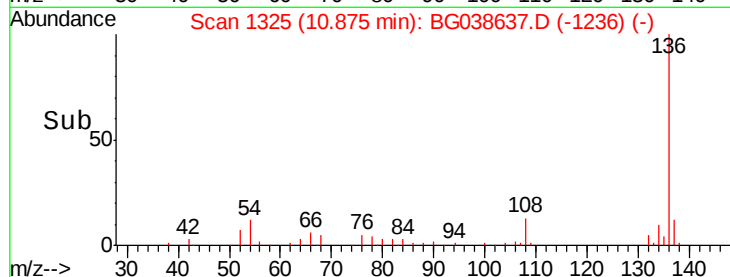
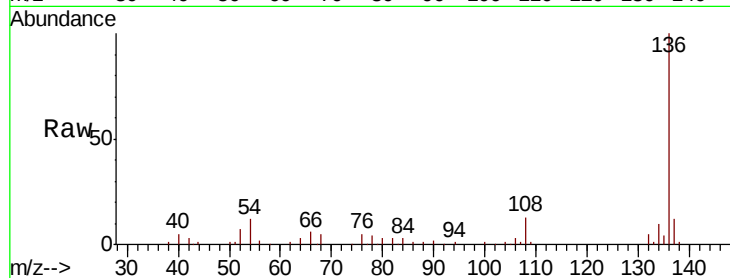




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

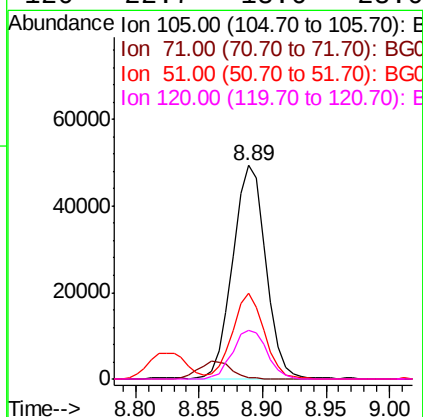
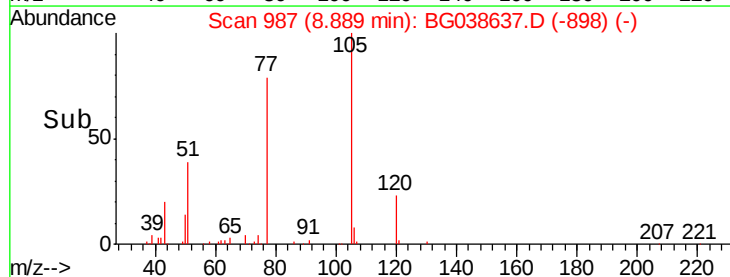
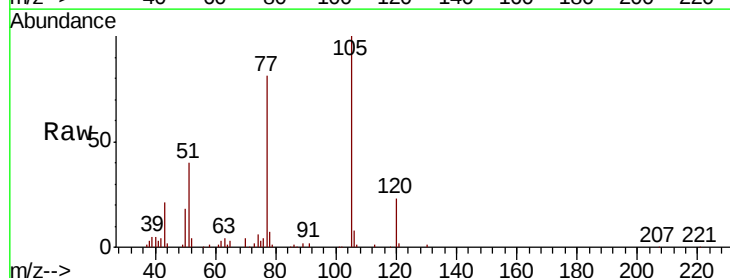
Instrument :
BNA_G
ClientSampleId :

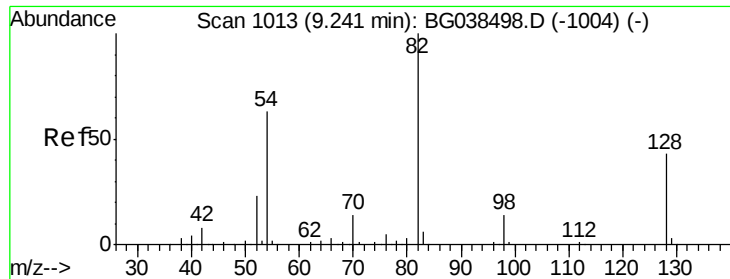
Tot Ion:136	Resp:	86550
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.3 13.9
54	12.1	8.5 12.7
68	5.3	3.5 5.3#



#22
Acetophenone
Concen: 41.423 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:105	Resp:	89550
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	40.2	30.6 46.0
120	22.7	18.6 28.0

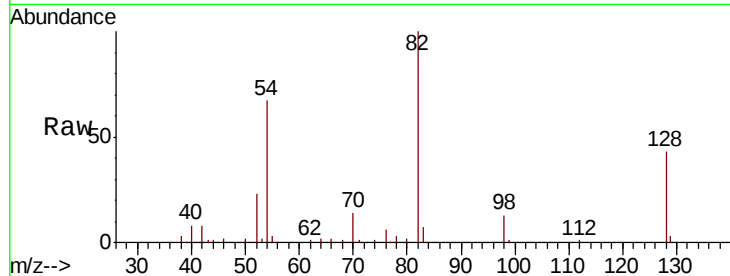




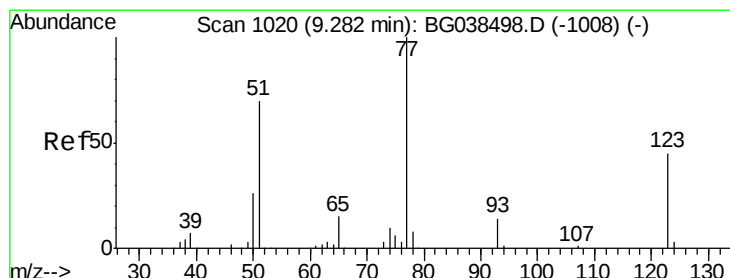
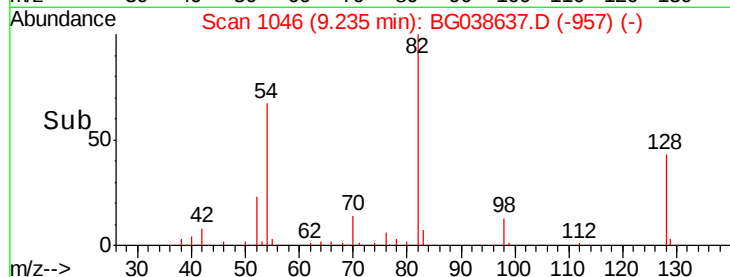
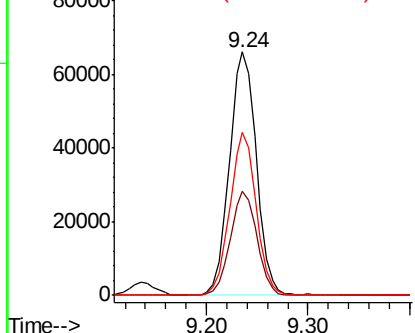
#23
Nitrobenzene-d5
Concen: 71.848 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 121723
Ion Ratio Lower Upper
82 100
128 42.5 34.6 52.0
54 66.9 50.6 76.0

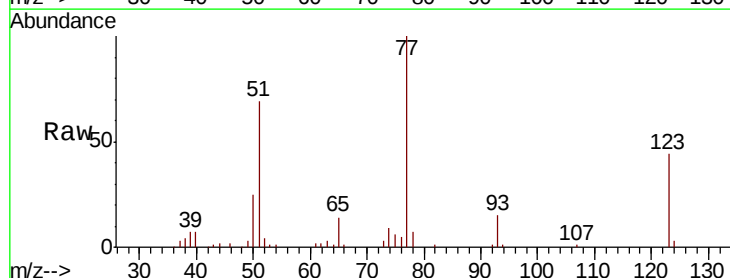


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

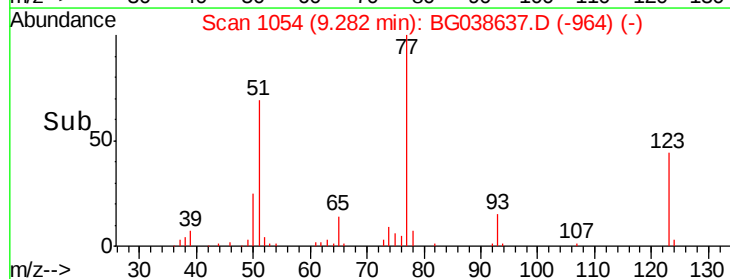
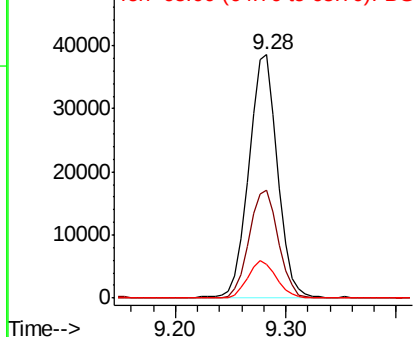


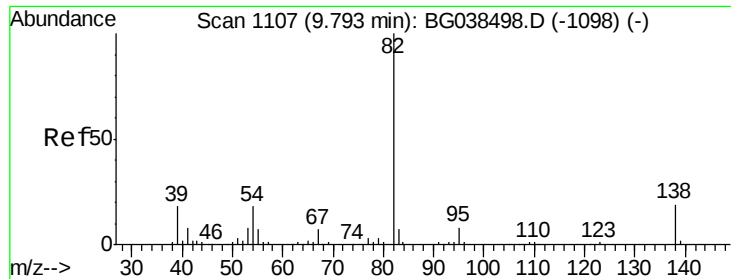
#24
Nitrobenzene
Concen: 41.121 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion: 77 Resp: 70476
Ion Ratio Lower Upper
77 100
123 44.2 35.9 53.9
65 14.0 12.0 18.0



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

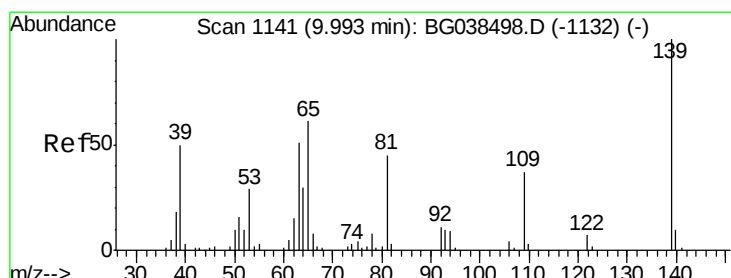
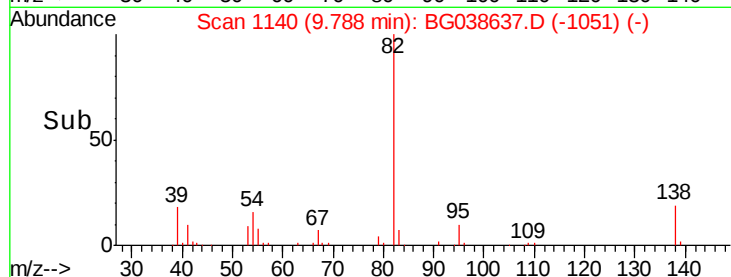
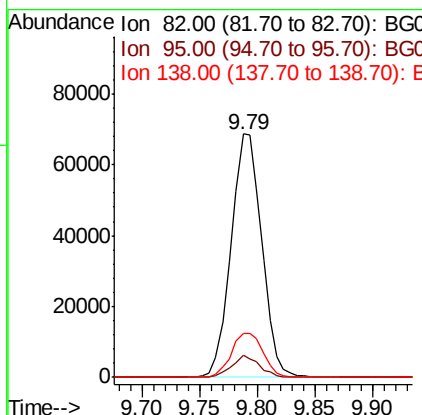
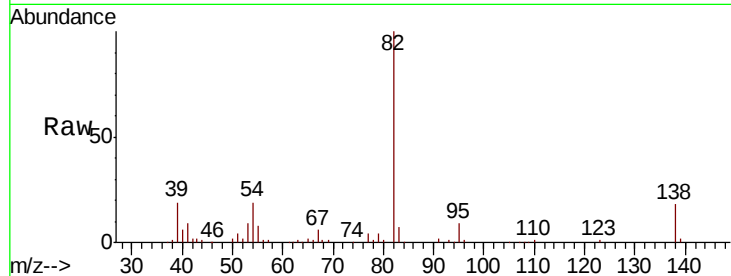




#25
Isophorone
Concen: 41.482 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

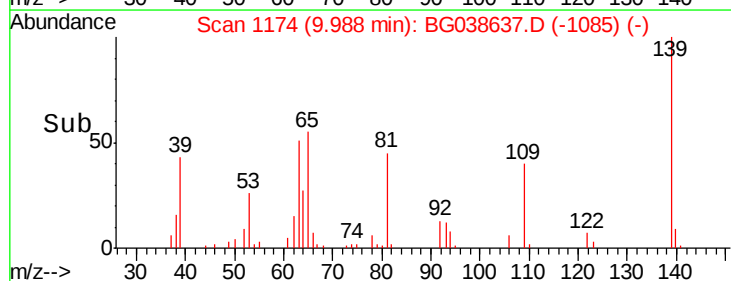
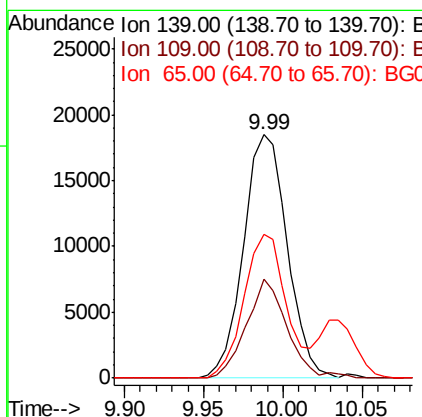
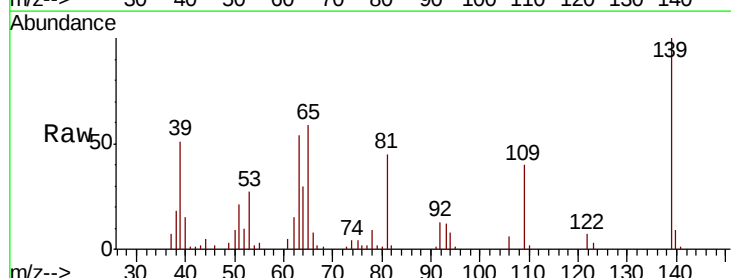
Instrument :
BNA_G
ClientSampleId :

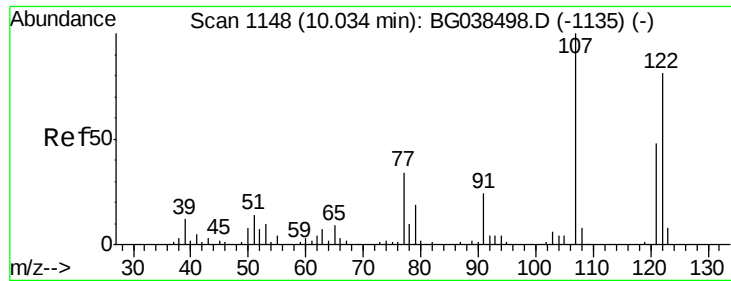
Tot Ion: 82 Resp: 126269
Ion Ratio Lower Upper
82 100
95 9.1 6.1 9.1#
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 40.349 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion: 139 Resp: 35394
Ion Ratio Lower Upper
139 100
109 40.4 29.5 44.3
65 58.9 48.5 72.7

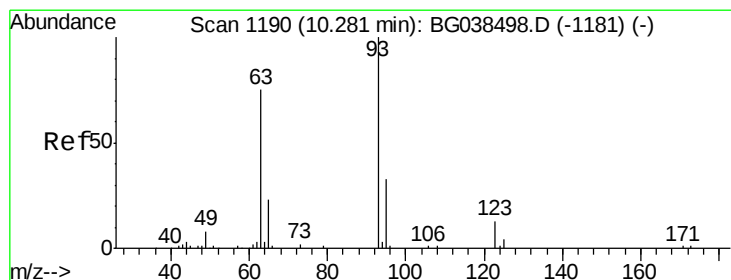
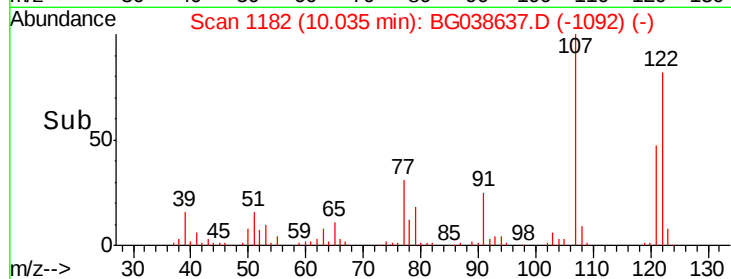
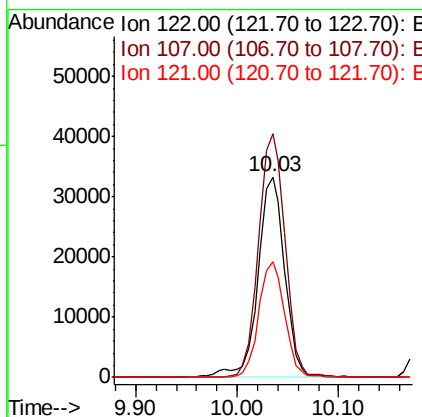
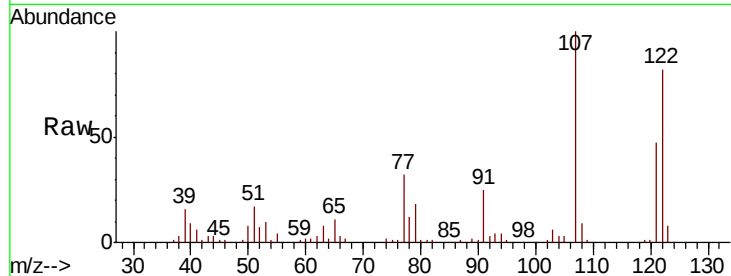




#27
 2,4-Dimethylphenol
 Concen: 48.261 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

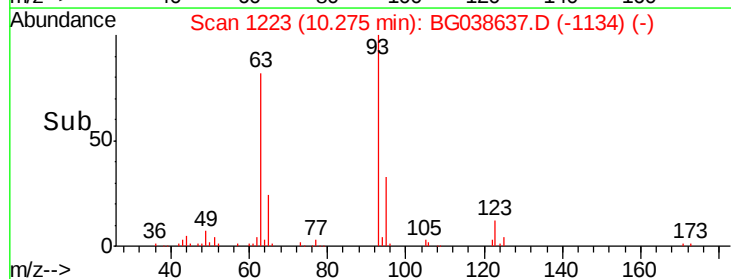
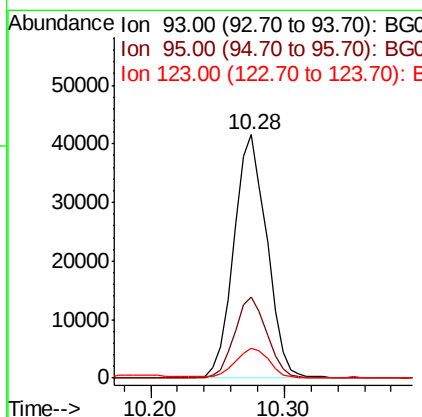
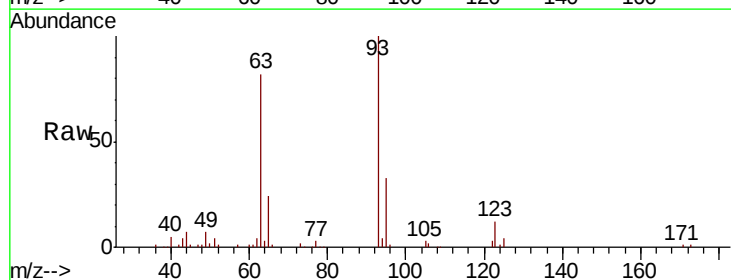
Instrument :
 BNA_G
 ClientSampleId :

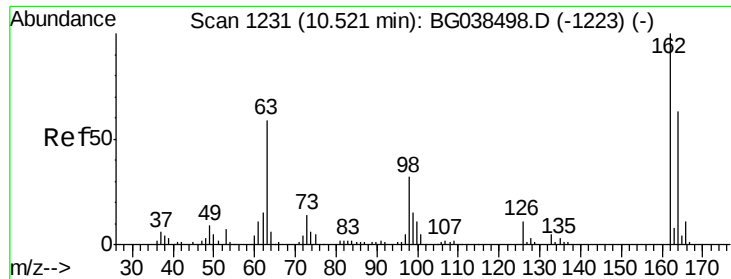
Tot Ion:122 Resp: 60672
 Ion Ratio Lower Upper
 122 100
 107 121.3 98.4 147.6
 121 57.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.370 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion: 93 Resp: 71065
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.6 40.0
 123 12.5 10.6 16.0

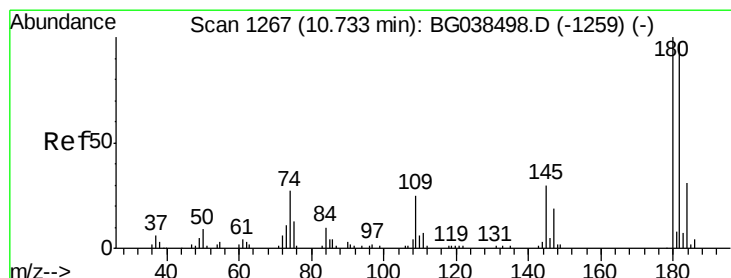
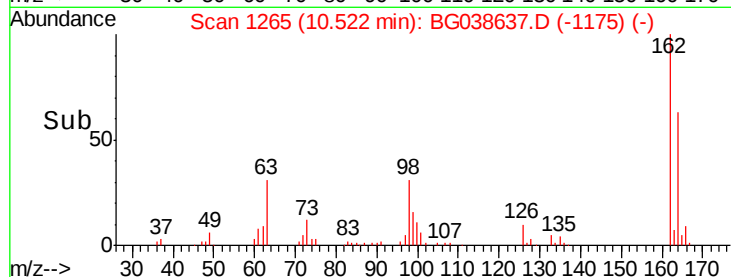
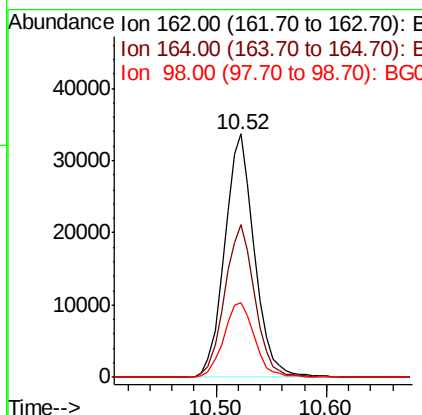
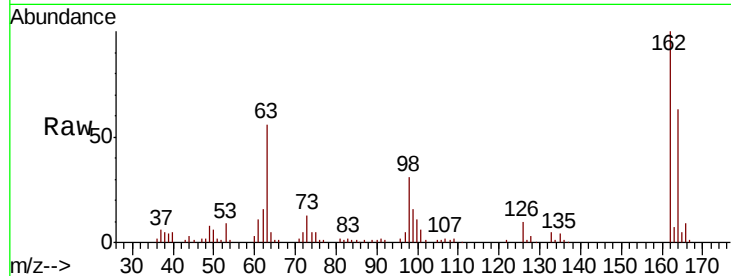




#29
2,4-Dichlorophenol
Concen: 45.324 ng
RT: 10.52 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

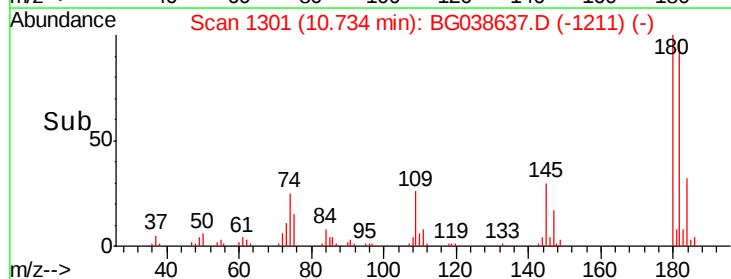
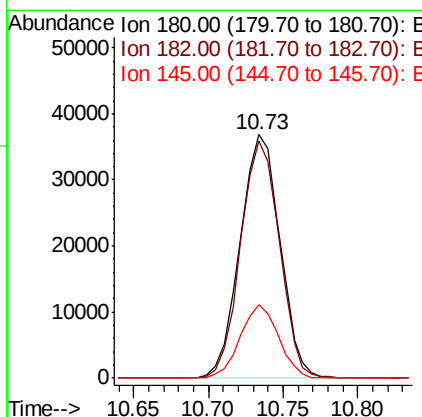
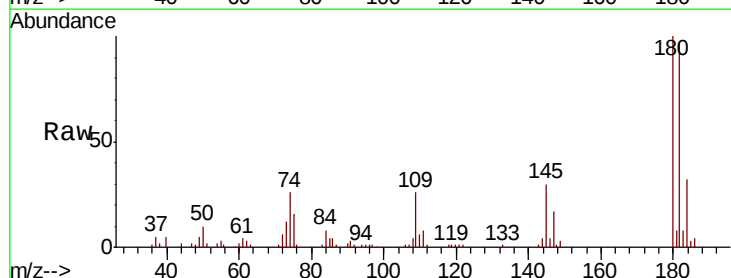
Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 63389
Ion Ratio Lower Upper
162 100
164 62.6 42.9 82.9
98 30.8 12.1 52.1



#30
1,2,4-Trichlorobenzene
Concen: 40.270 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:180 Resp: 68029
Ion Ratio Lower Upper
180 100
182 97.2 77.4 116.0
145 30.0 24.1 36.1

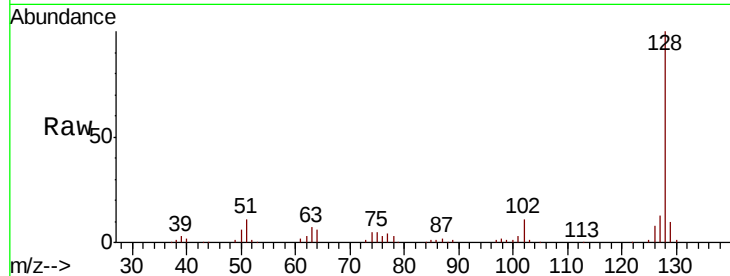




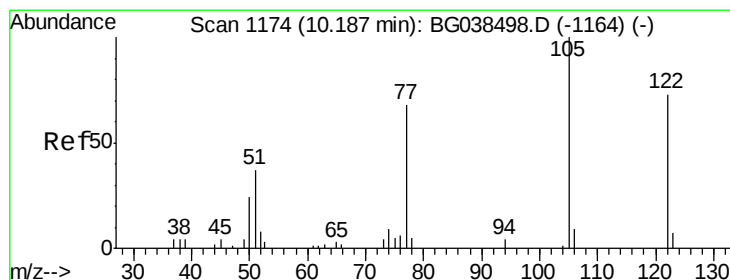
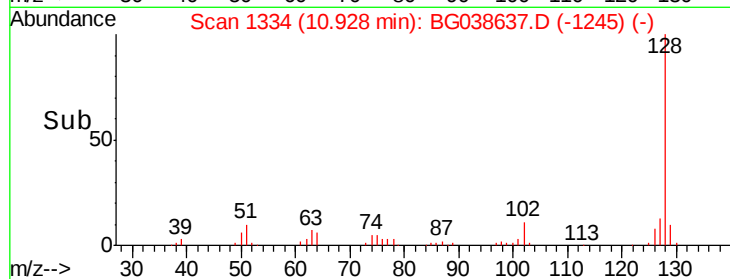
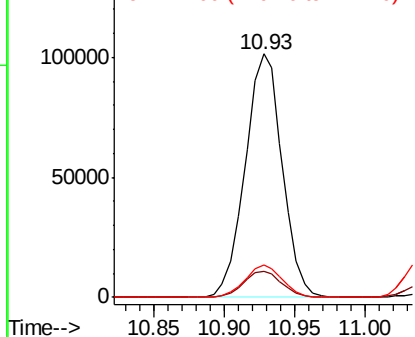
#31
Naphthalene
Concen: 43.589 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 185880
Ion Ratio Lower Upper
128 100
129 10.4 9.5 14.3
127 13.5 10.9 16.3

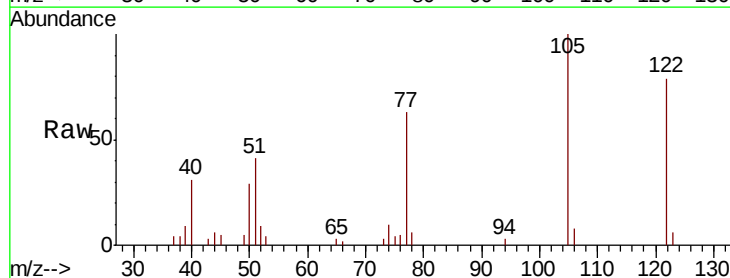


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

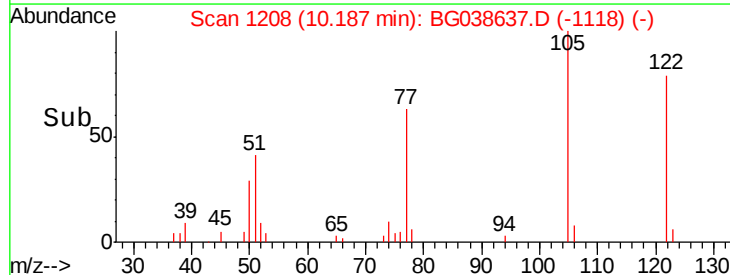
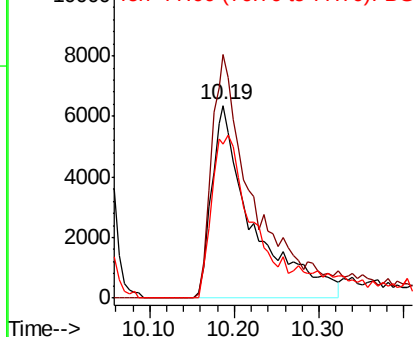


#32
Benzoic acid
Concen: 31.386 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:122 Resp: 21499
Ion Ratio Lower Upper
122 100
105 126.2 116.7 156.7
77 79.8 72.5 112.5



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

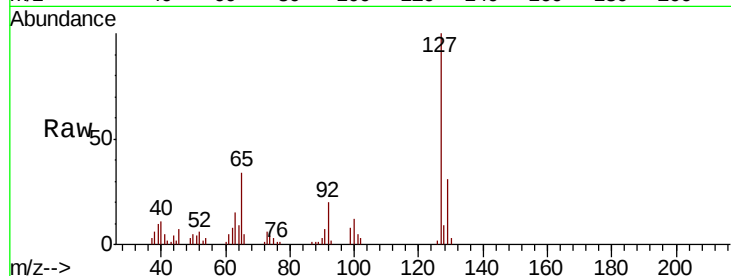




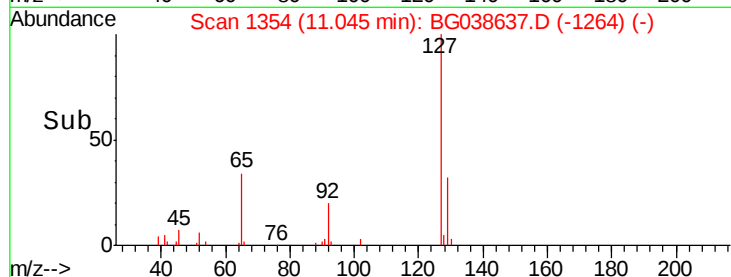
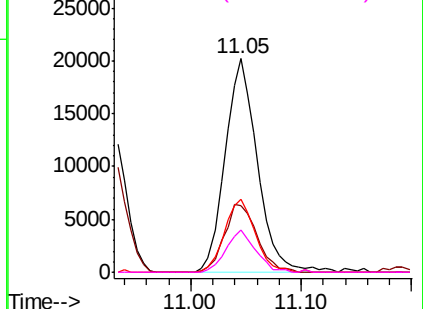
#33
4-Chloroaniline
Concen: 22.360 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	41397
Ion	Ratio	Lower Upper
127	100	
129	31.0	25.8 38.8
65	34.5	27.8 41.6
92	19.5	17.0 25.6

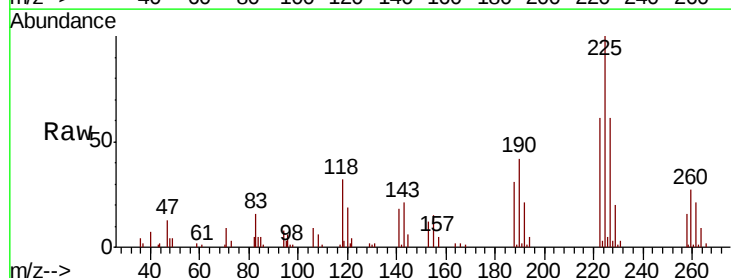


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

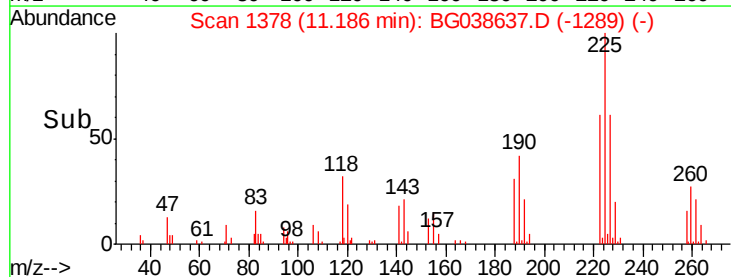
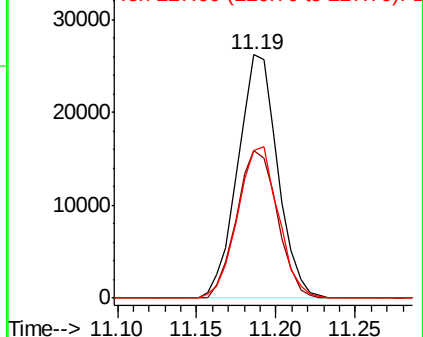


#34
Hexachlorobutadiene
Concen: 39.995 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:225	Resp:	45718
Ion	Ratio	Lower Upper
225	100	
223	64.2	45.0 67.6
227	63.5	50.6 75.8



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

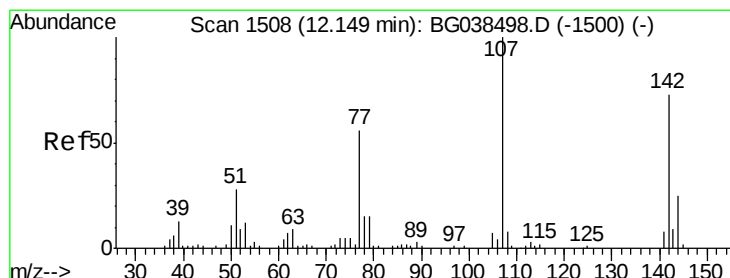
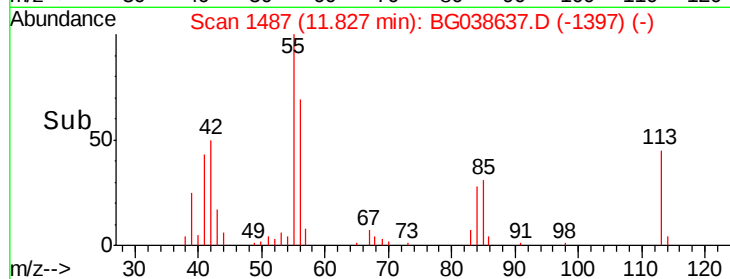
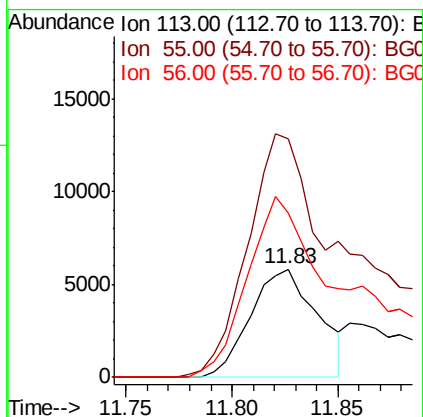
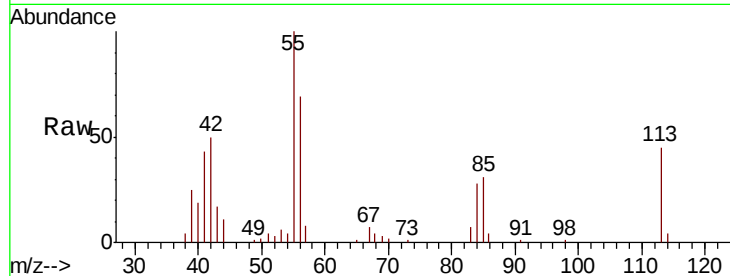




#35
Caprolactam
Concen: 22.101 ng
RT: 11.83 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

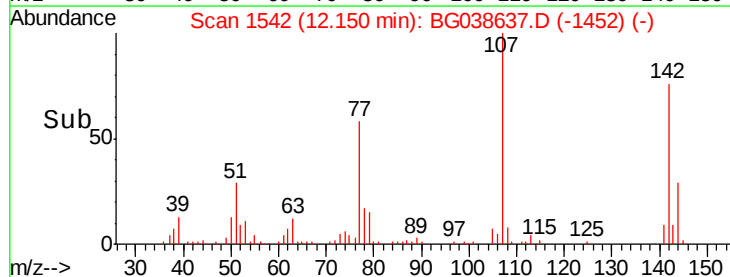
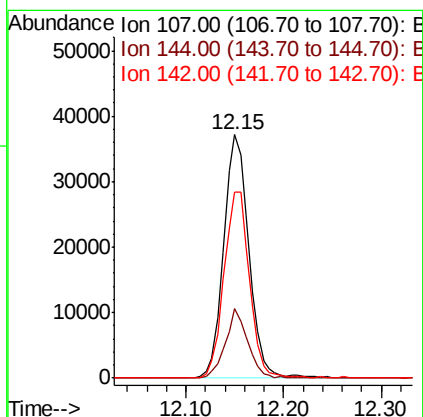
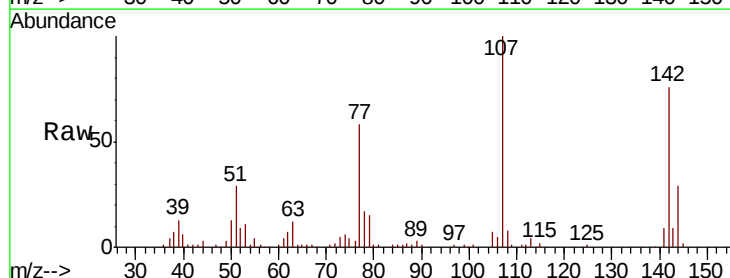
Instrument :
BNA_G
ClientSampleId :

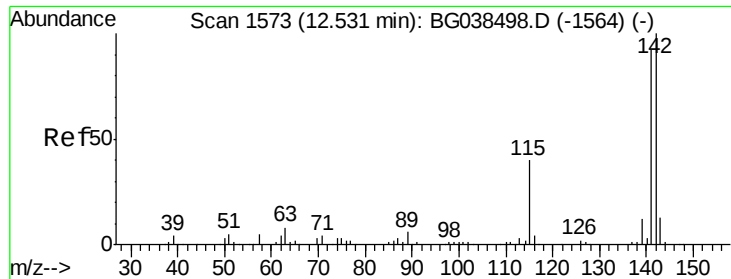
Tot Ion:113 Resp: 12792
Ion Ratio Lower Upper
113 100
55 220.4 204.3 244.3
56 151.3 135.0 175.0



#36
4-Chloro-3-methylphenol
Concen: 41.526 ng
RT: 12.15 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:107 Resp: 66276
Ion Ratio Lower Upper
107 100
144 28.6 20.1 30.1
142 76.5 58.7 88.1

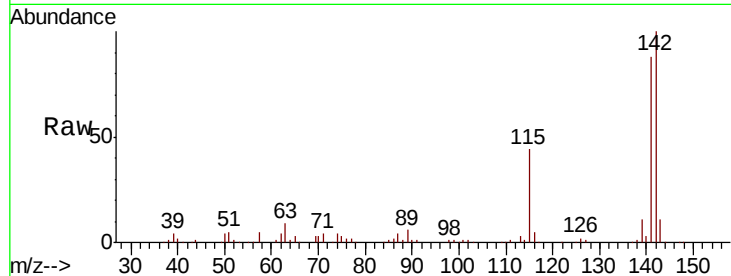




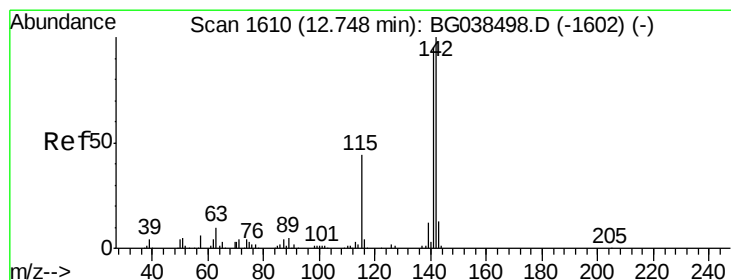
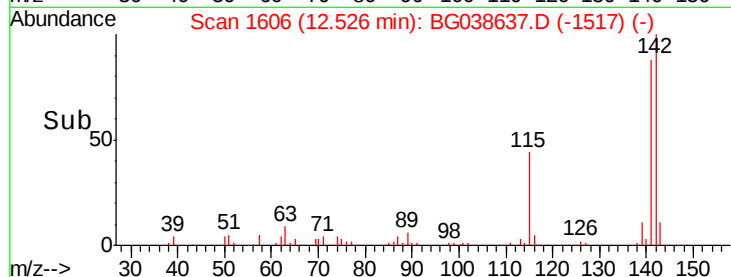
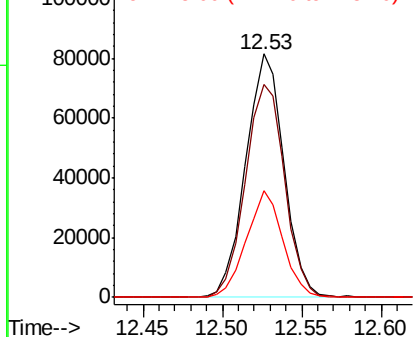
#37
 2-Methylnaphthalene
 Concen: 44.753 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 136151
 Ion Ratio Lower Upper
 142 100
 141 87.7 73.5 110.3
 115 44.0 31.7 47.5

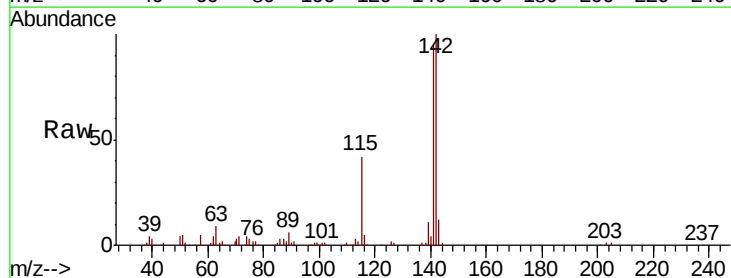


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

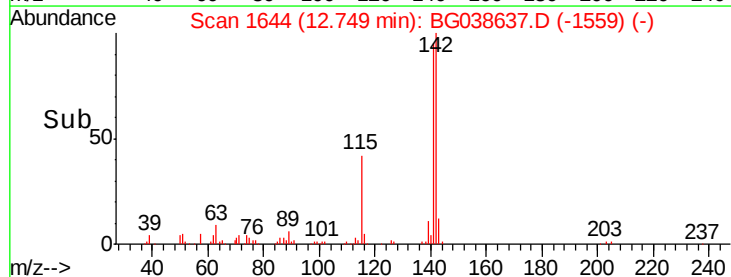
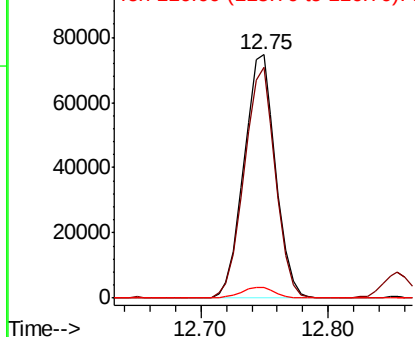


#38
 1-Methylnaphthalene
 Concen: 43.686 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion:142 Resp: 128967
 Ion Ratio Lower Upper
 142 100
 141 94.7 75.8 113.8
 116 4.5 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

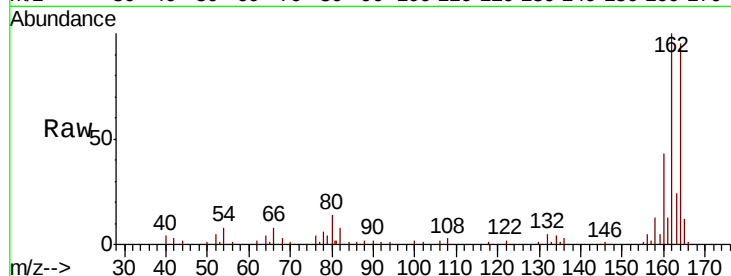
Tot Ion:164 Resp: 54214

Ion Ratio Lower Upper

164 100

162 105.3 86.6 130.0

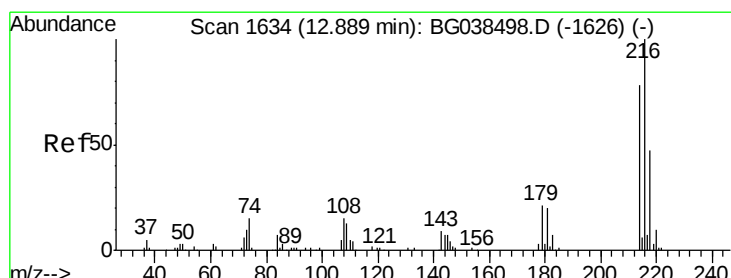
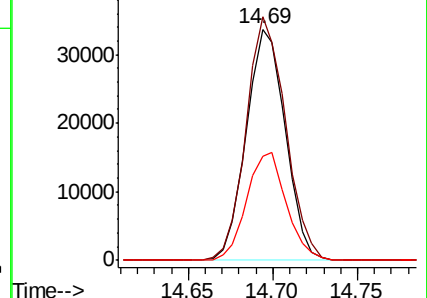
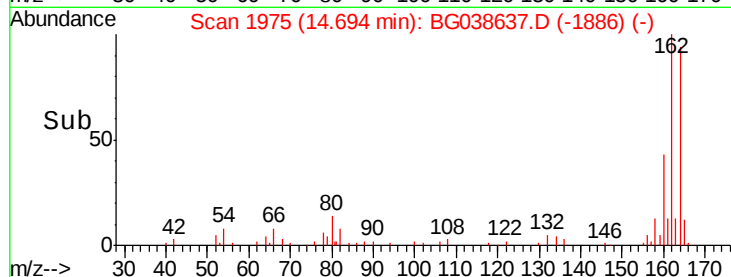
160 44.8 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.520 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Tgt Ion:216 Resp: 80087

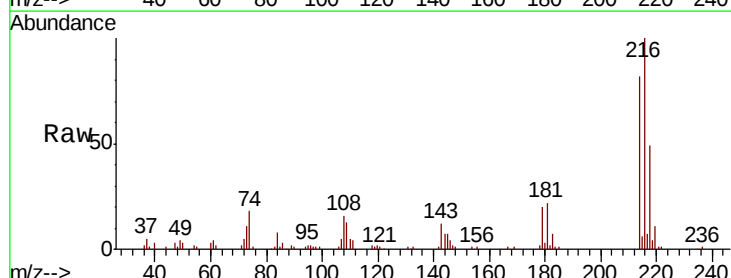
Ion Ratio Lower Upper

216 100

214 80.4 64.1 96.1

179 20.4 16.4 24.6

108 19.5 13.9 20.9

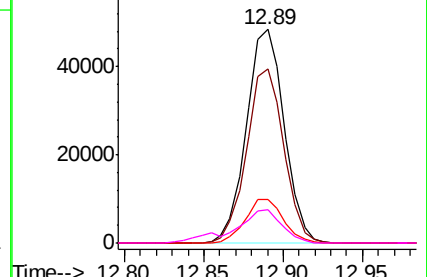
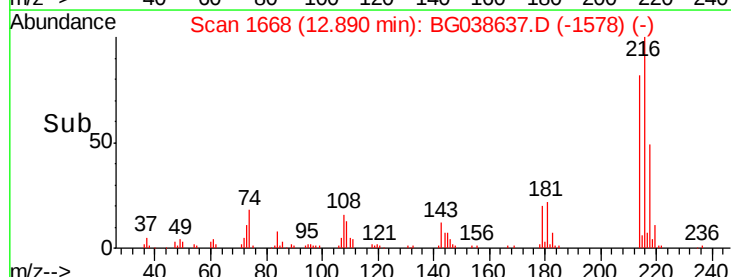


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.578 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

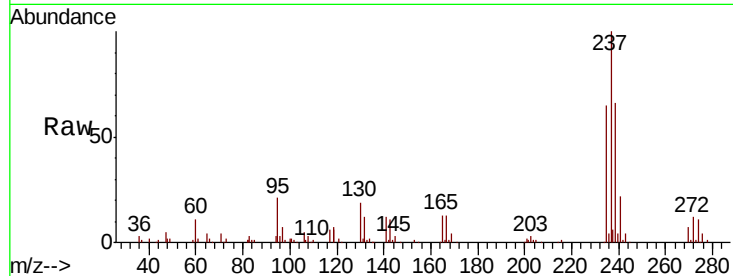
Tot Ion:237 Resp: 109752

Ion Ratio Lower Upper

237 100

235 65.0 38.8 78.8

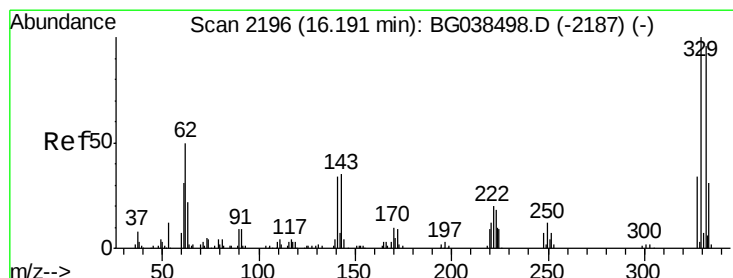
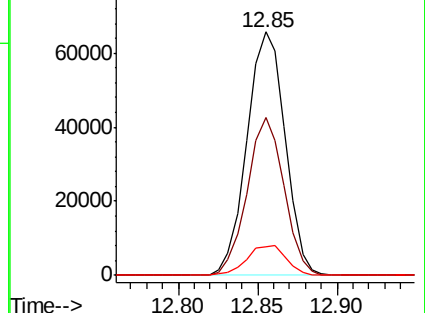
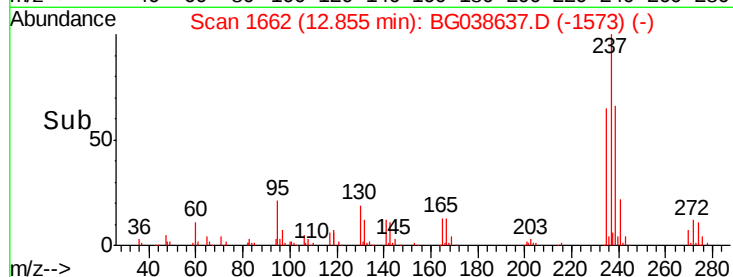
272 11.9 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.821 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

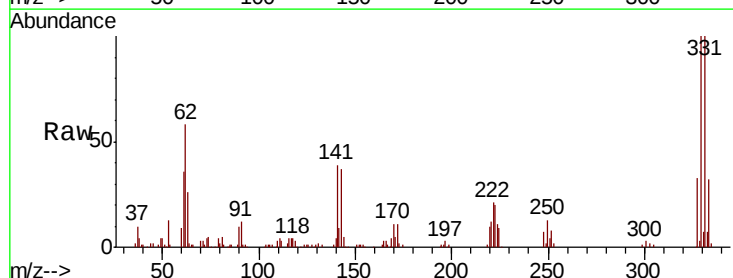
Tgt Ion:330 Resp: 102975

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

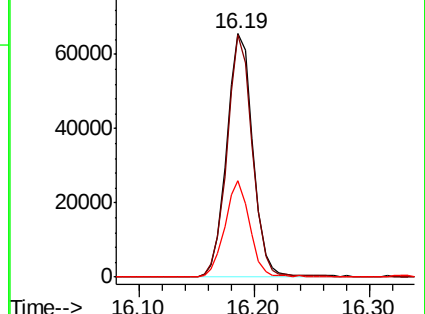
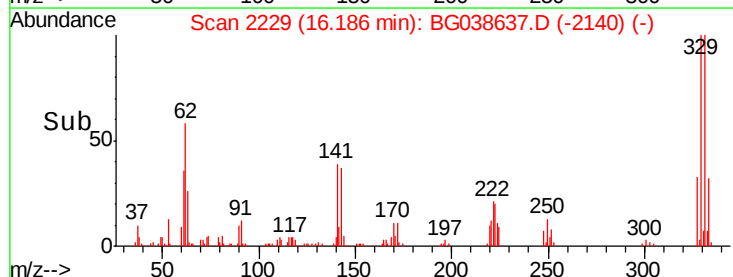
141 37.9 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

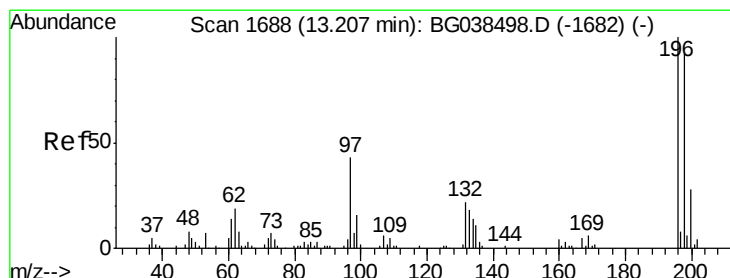
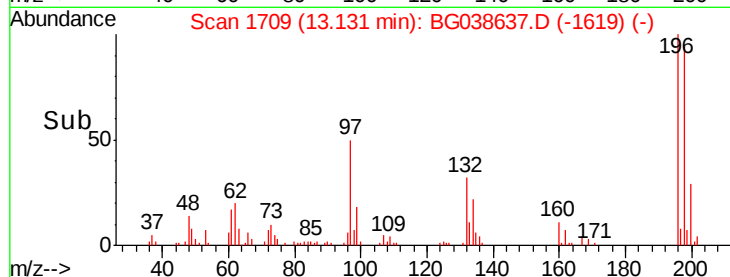
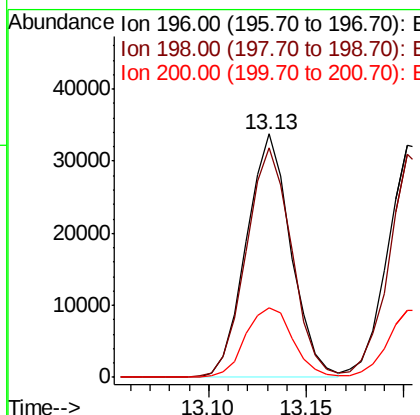
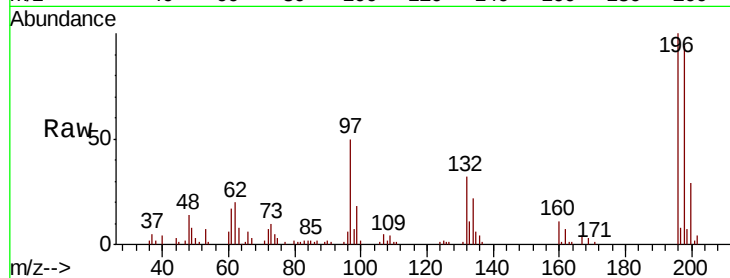




#43
 2,4,6-Trichlorophenol
 Concen: 42.864 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

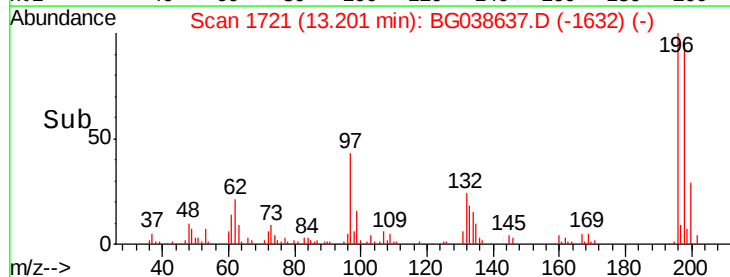
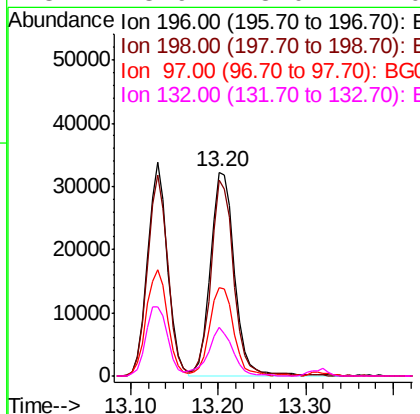
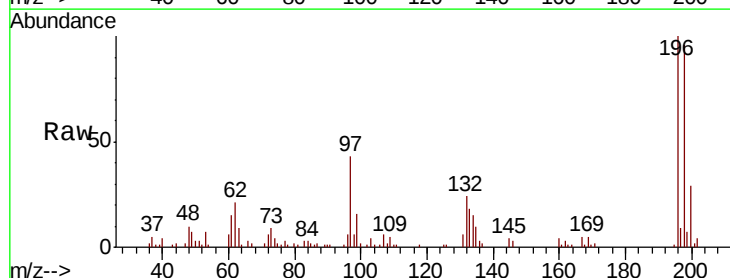
Instrument :
 BNA_G
 ClientSampleId :

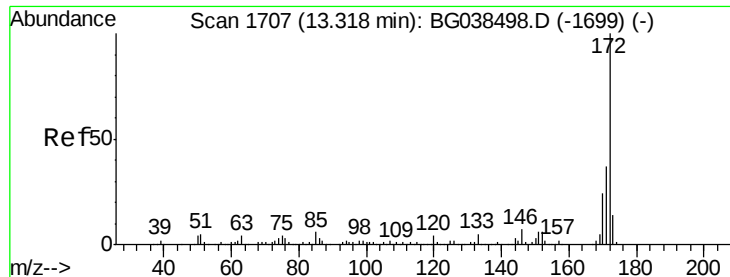
Tot Ion:196 Resp: 53410
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.0 112.4
 200 28.7 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.052 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion:196 Resp: 62073
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.0 111.0
 97 43.1 35.1 52.7
 132 23.9 18.0 27.0

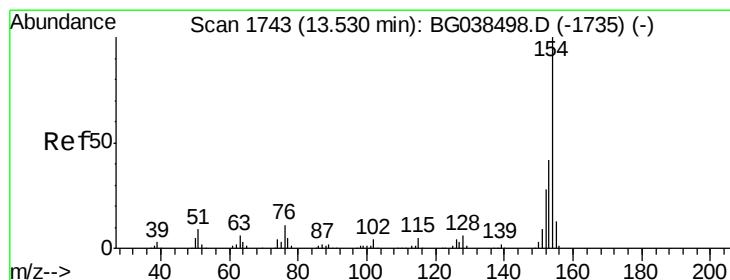
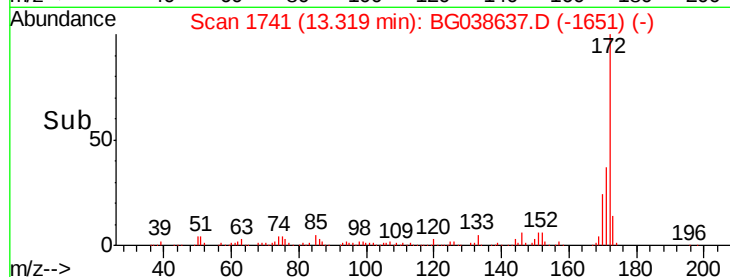
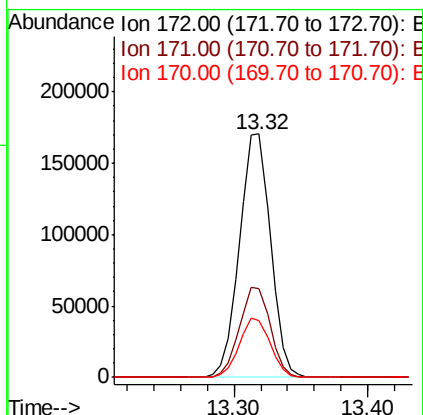
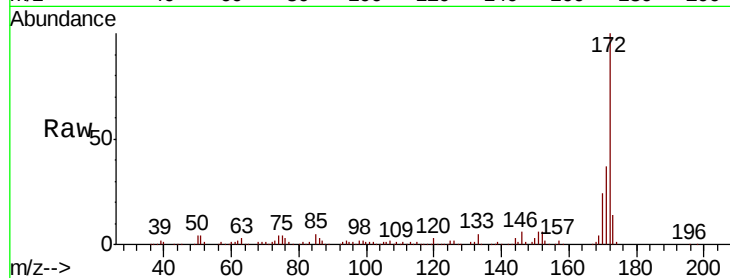




#45
2-Fluorobiphenyl
Concen: 69.345 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

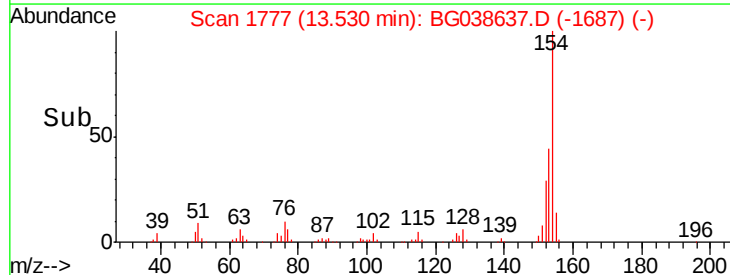
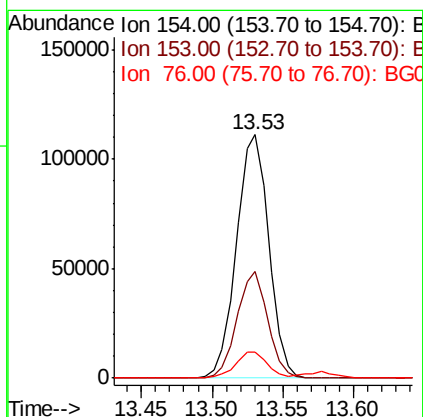
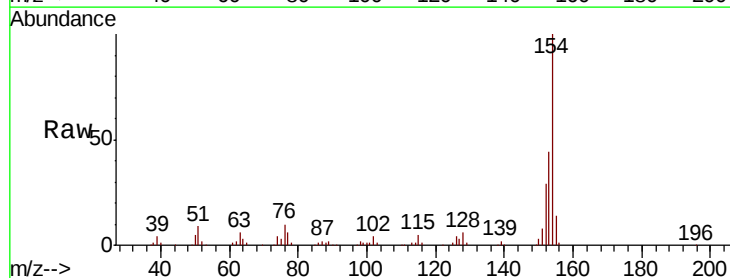
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 274045
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 23.6 19.5 29.3



#46
1,1'-Biphenyl
Concen: 39.034 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:154 Resp: 177406
Ion Ratio Lower Upper
154 100
153 43.8 22.1 62.1
76 10.5 0.0 31.2

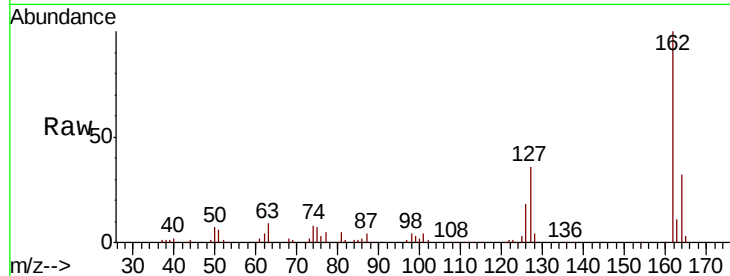




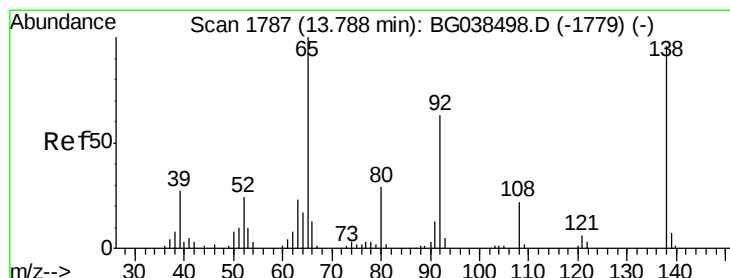
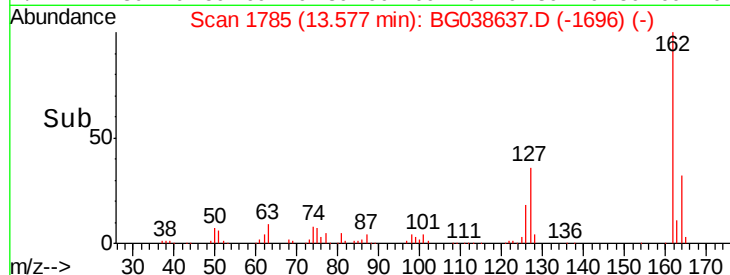
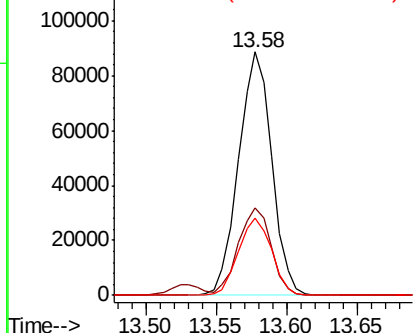
#47
 2-Chloronaphthalene
 Concen: 41.457 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.8	27.8	41.8
164	31.6	26.9	40.3

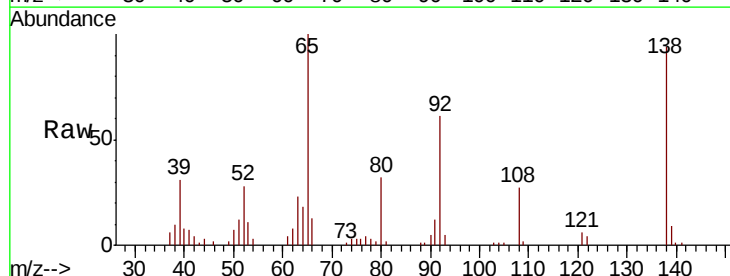


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

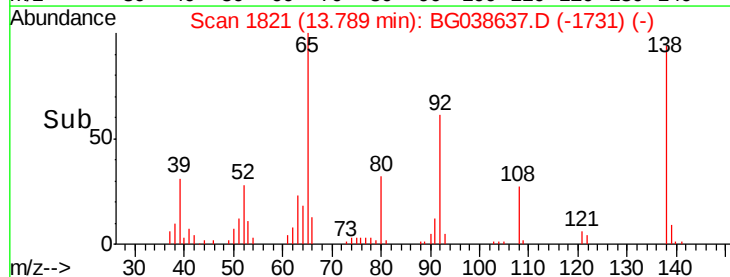
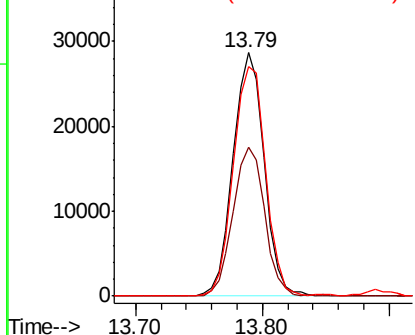


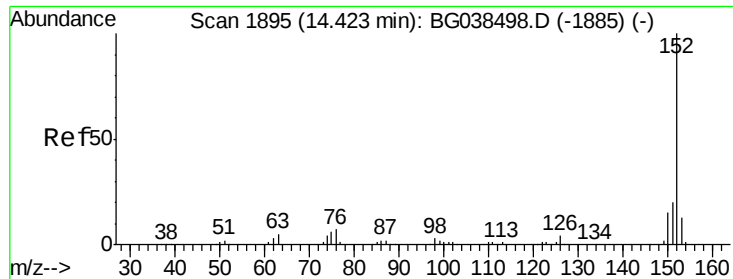
#48
 2-Nitroaniline
 Concen: 43.273 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	50.0	75.0
138	94.4	76.9	115.3



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





#49

Acenaphthylene

Concen: 43.853 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

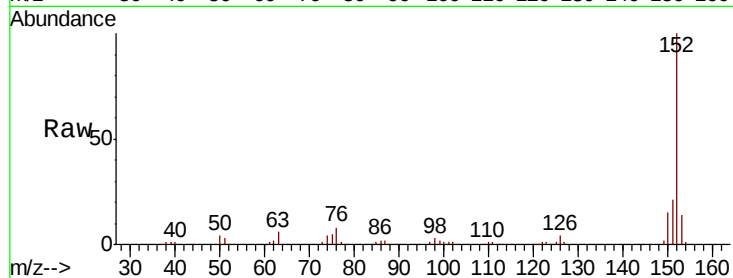
Tot Ion:152 Resp: 230157

Ion Ratio Lower Upper

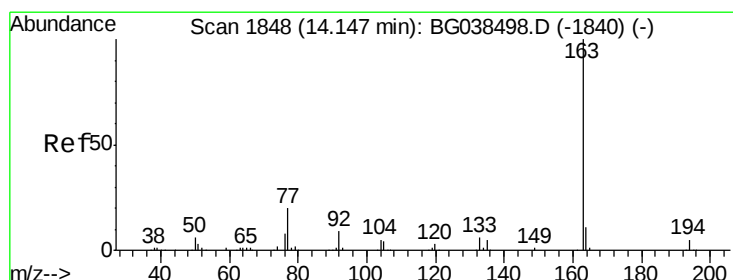
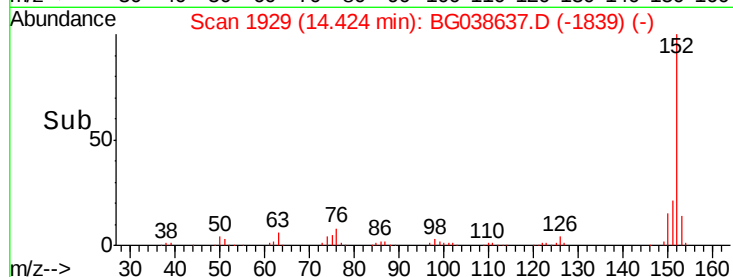
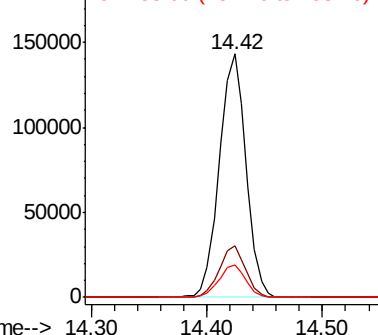
152 100

151 21.3 16.4 24.6

153 13.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.052 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

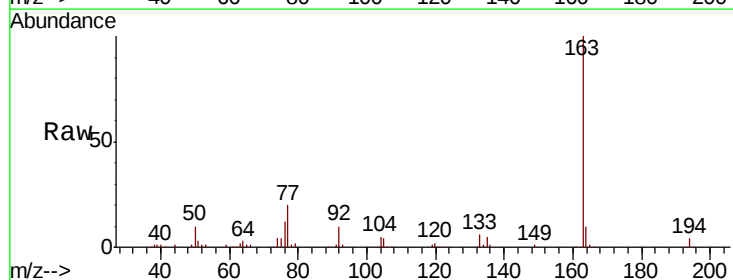
Tgt Ion:163 Resp: 186179

Ion Ratio Lower Upper

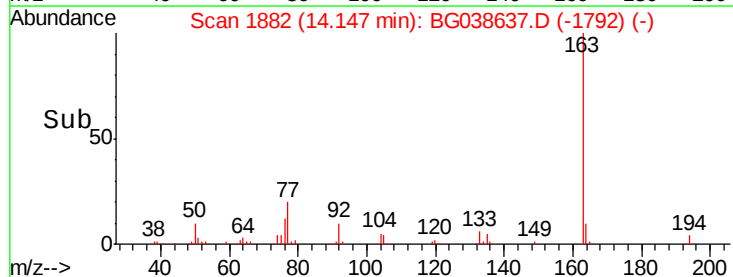
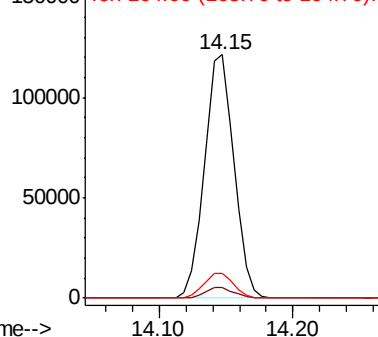
163 100

194 4.5 3.7 5.5

164 10.4 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

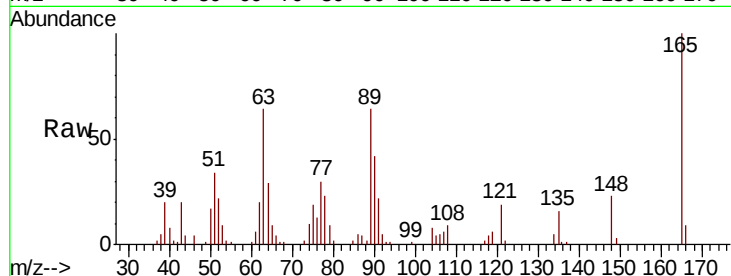




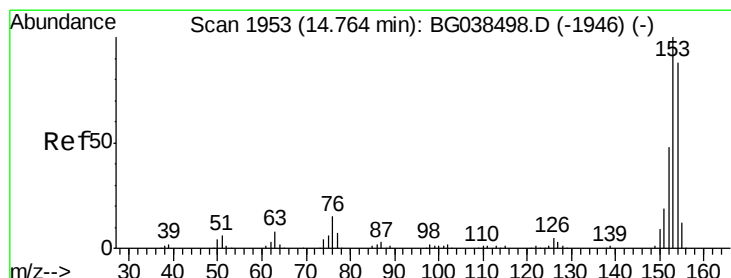
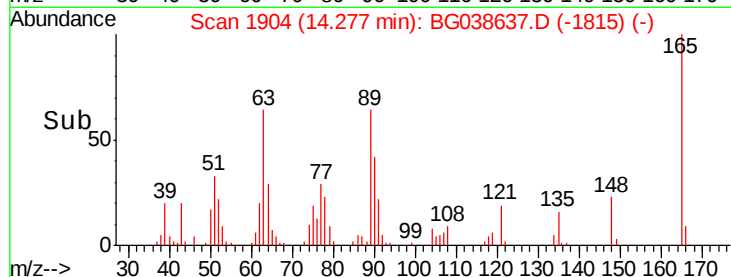
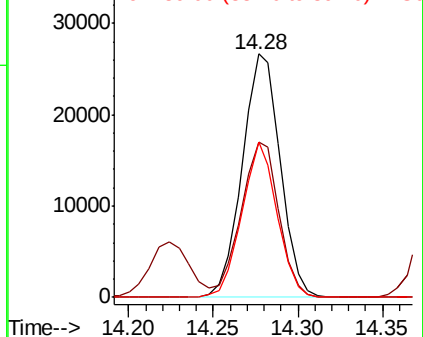
#51
 2,6-Dinitrotoluene
 Concen: 41.567 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 41704
 Ion Ratio Lower Upper
 165 100
 63 63.7 51.8 77.6
 89 63.8 47.9 71.9

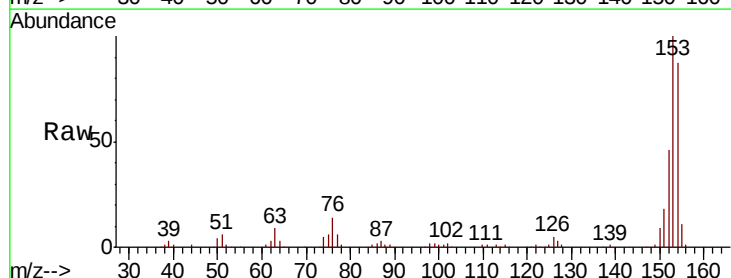


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

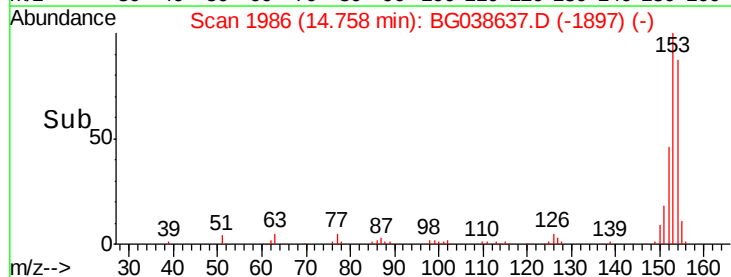
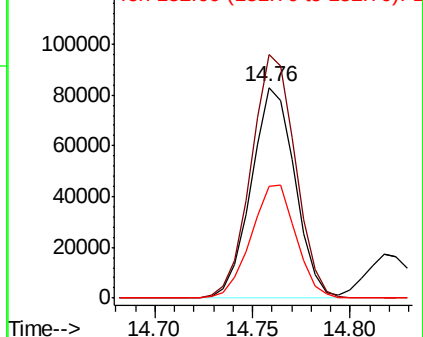


#52
 Acenaphthene
 Concen: 40.933 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion:154 Resp: 128461
 Ion Ratio Lower Upper
 154 100
 153 115.6 90.6 136.0
 152 53.2 43.5 65.3



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





#53

3-Nitroaniline

Concen: 29.756 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

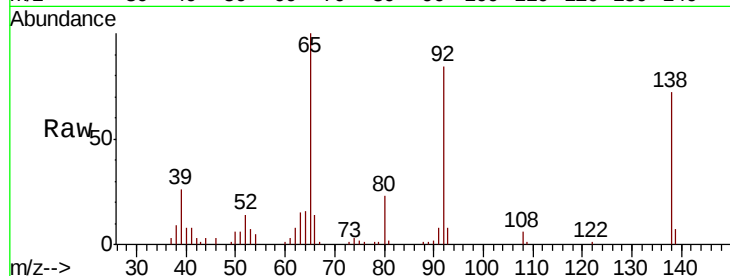
Tot Ion:138 Resp: 30433

Ion Ratio Lower Upper

138 100

108 8.9 7.9 11.9

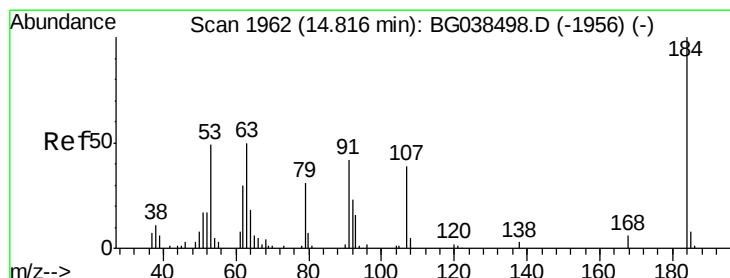
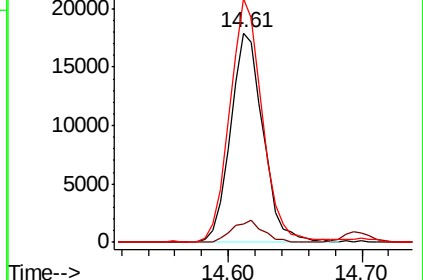
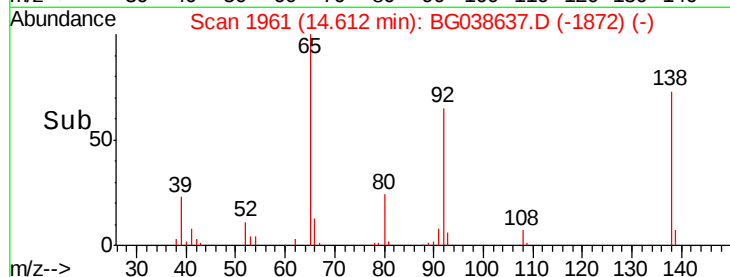
92 116.2 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 79.211 ng

RT: 14.82 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

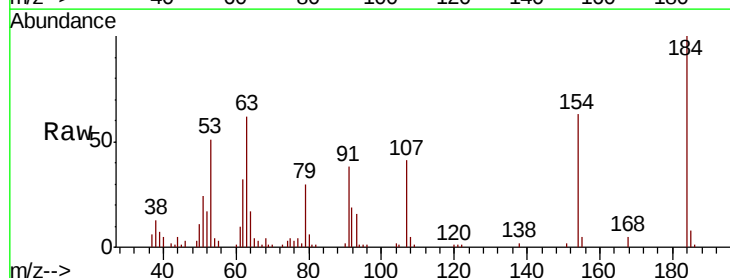
Tgt Ion:184 Resp: 47254

Ion Ratio Lower Upper

184 100

63 61.6 47.0 70.6

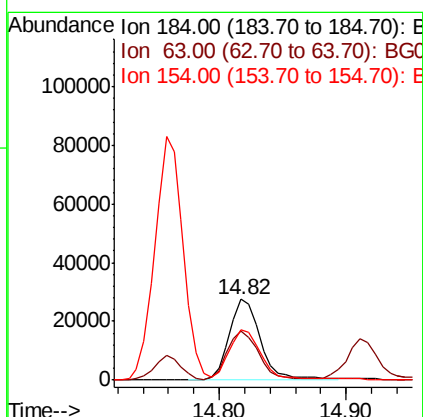
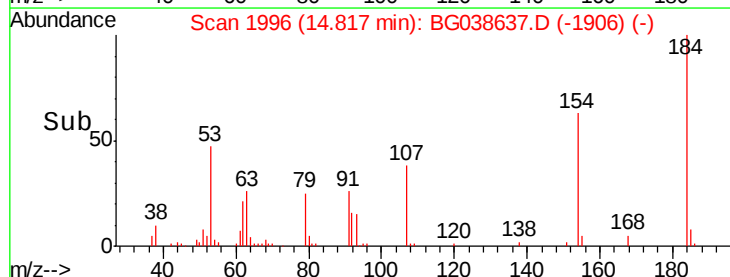
154 62.8 50.3 75.5

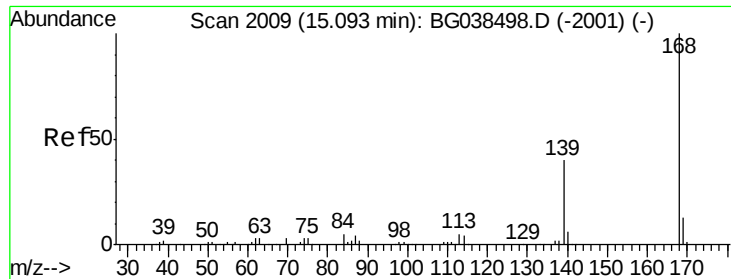


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

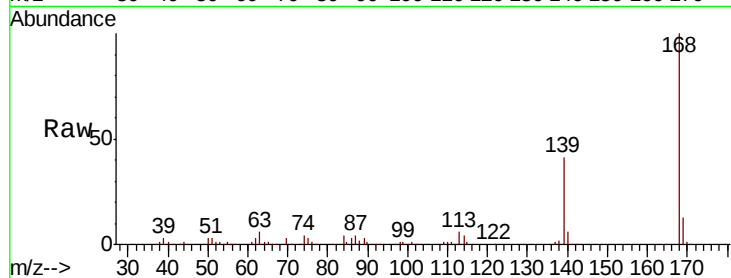




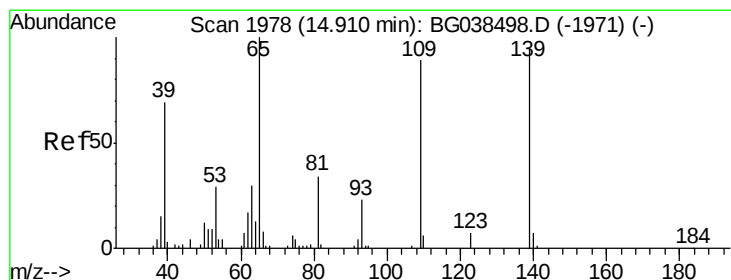
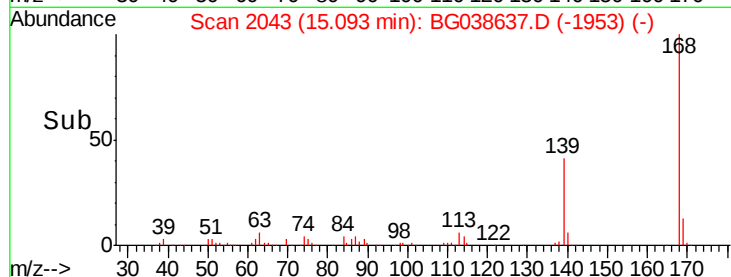
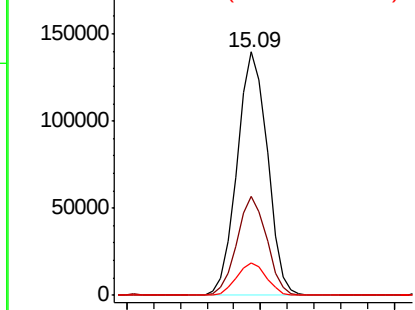
#55
Dibenzenofuran
Concen: 40.719 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 219051
Ion Ratio Lower Upper
168 100
139 40.8 32.2 48.2
169 13.3 10.6 16.0

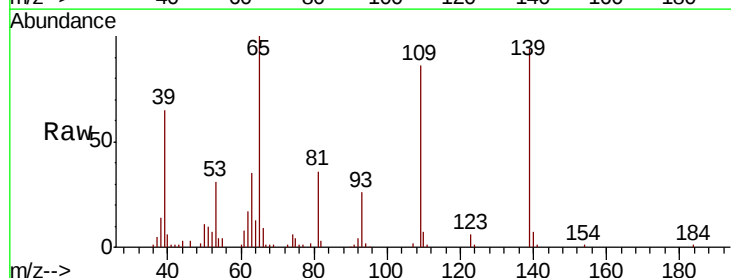


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

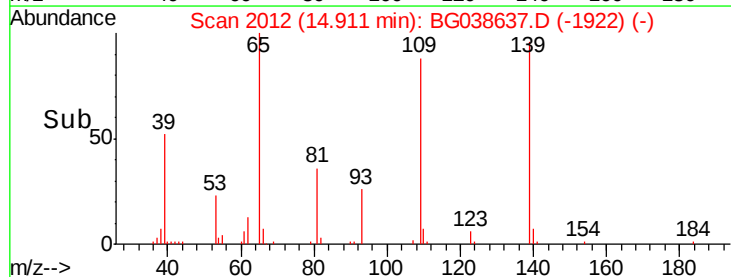
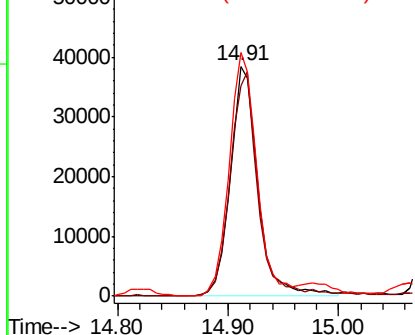


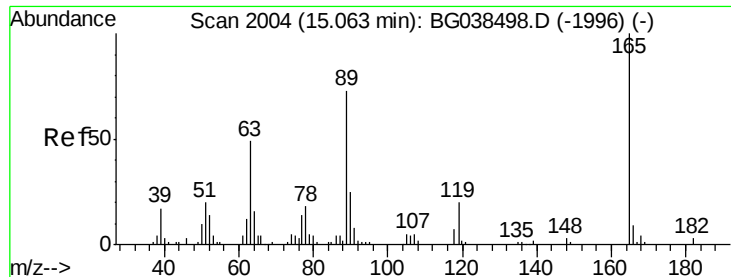
#56
4-Nitrophenol
Concen: 86.977 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:139 Resp: 67484
Ion Ratio Lower Upper
139 100
109 91.3 73.6 113.6
65 105.8 84.8 124.8



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

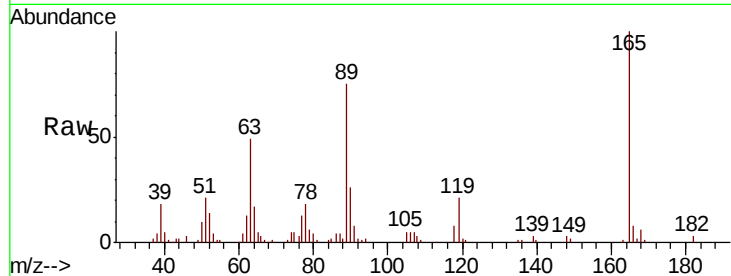




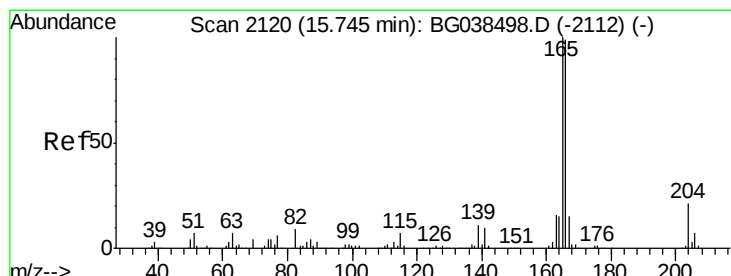
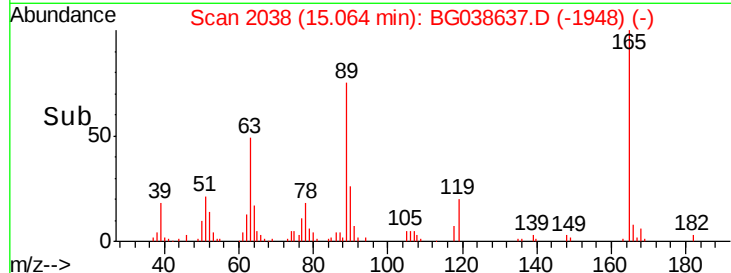
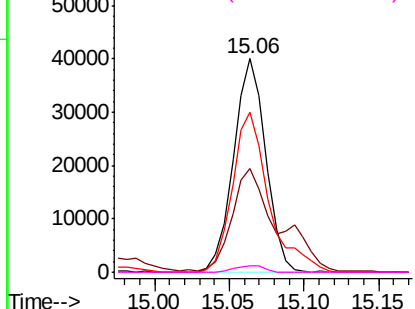
#57
2,4-Dinitrotoluene
Concen: 42.411 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 59932
Ion Ratio Lower Upper
165 100
63 48.7 39.0 58.4
89 74.7 58.0 87.0
182 2.9 2.3 3.5

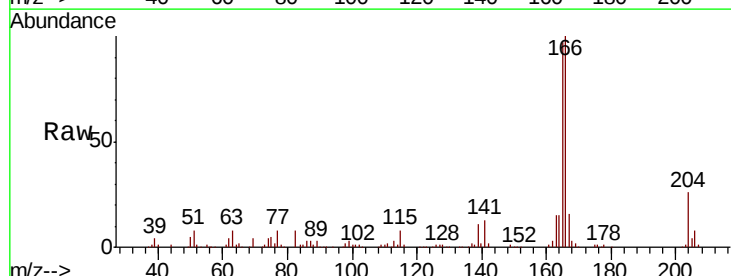


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

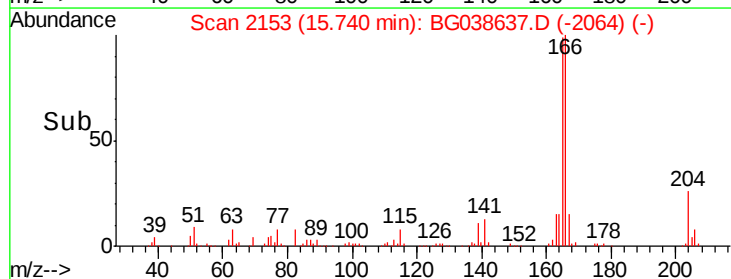
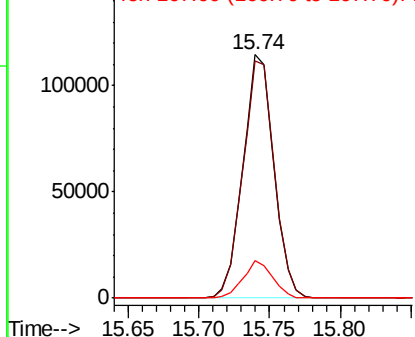


#58
Fluorene
Concen: 43.906 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:166 Resp: 174993
Ion Ratio Lower Upper
166 100
165 97.2 80.6 120.8
167 15.6 12.0 18.0



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

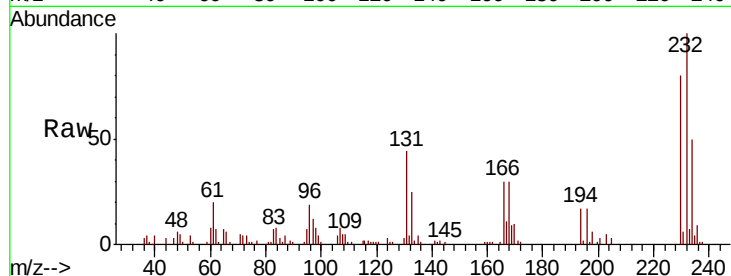




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.724 ng
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.9	33.0	49.4
130	2.2	2.0	3.0
166	29.6	23.1	34.7



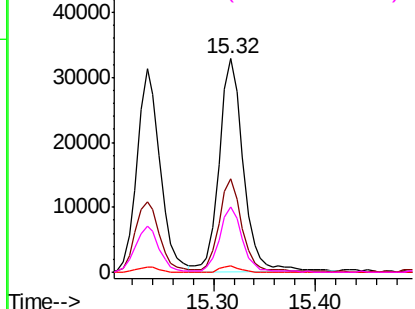
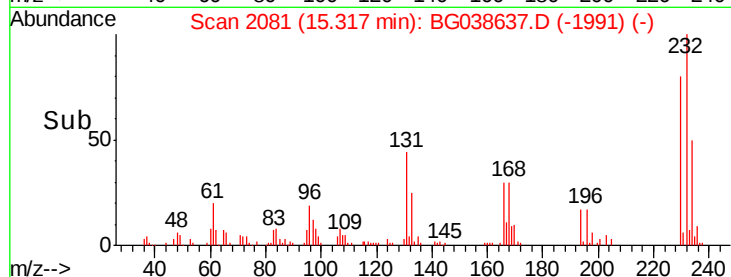
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

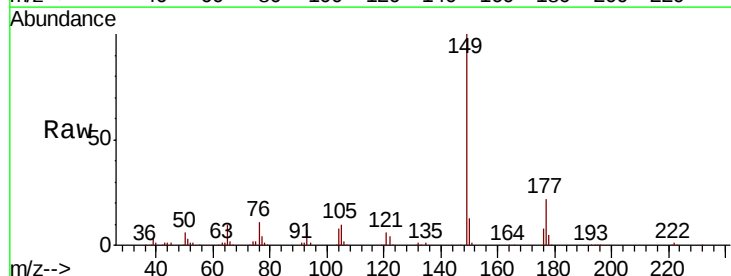
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.571 ng
RT: 15.50 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.9	9.9	14.9

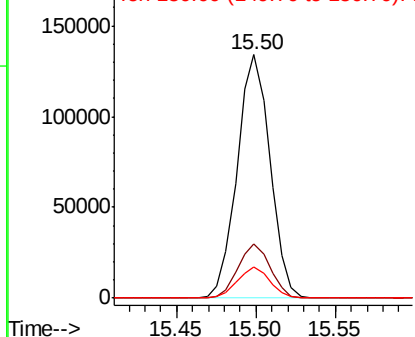
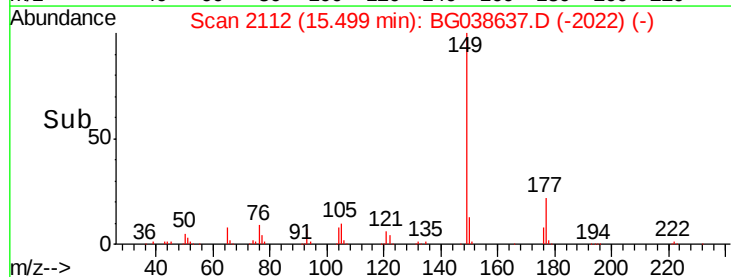


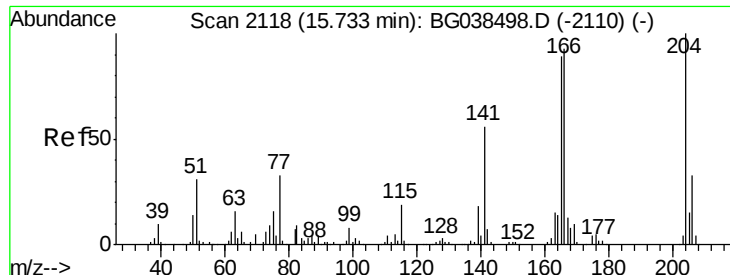
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

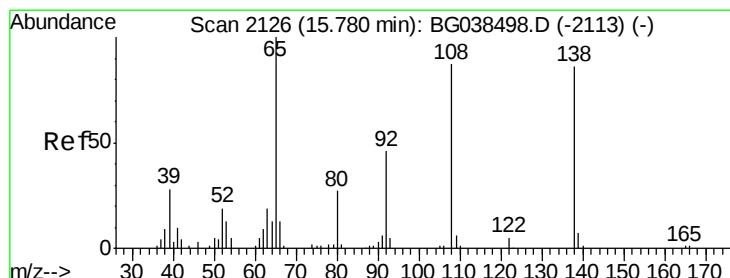
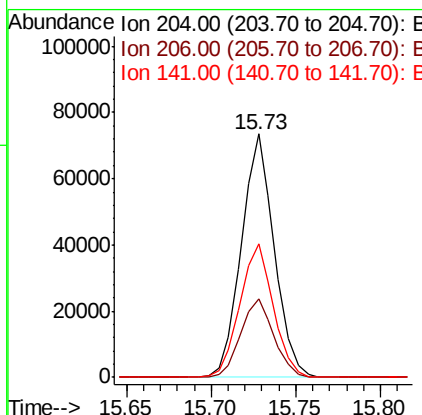
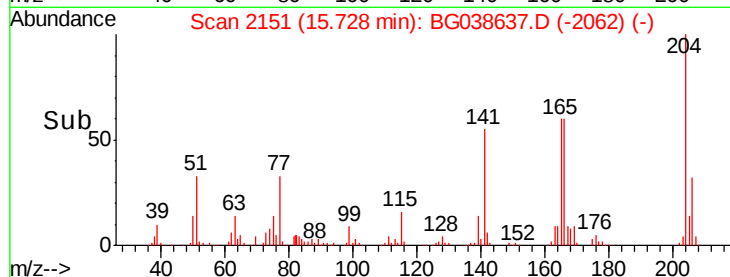
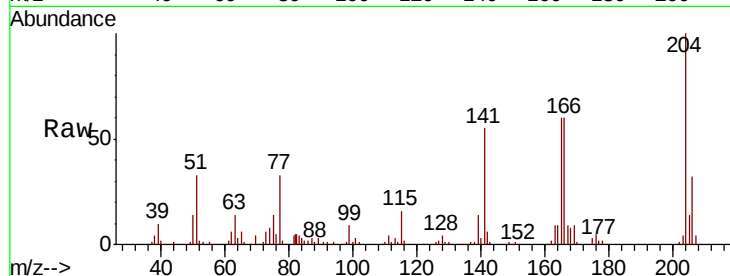




#61
4-Chlorophenyl-phenylether
Concen: 39.887 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

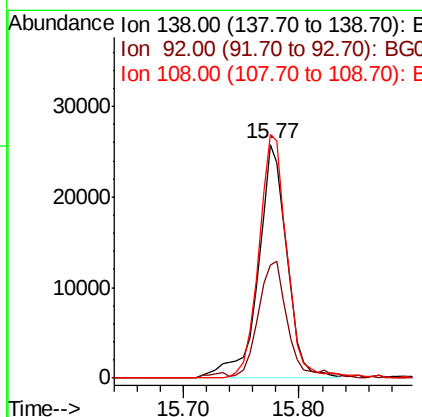
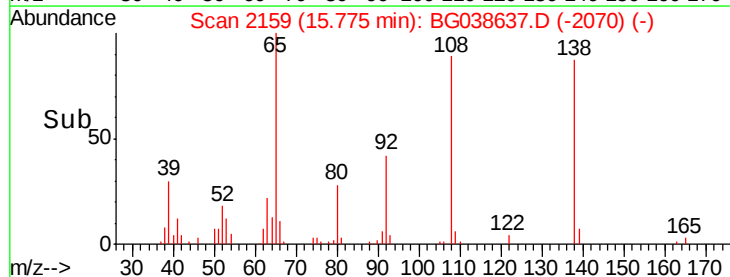
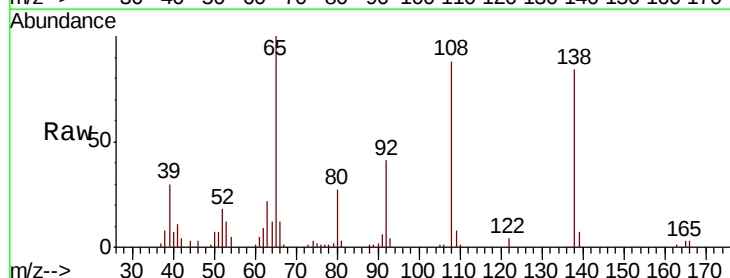
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.0	39.0
141	55.0	44.4	66.6



#62
4-Nitroaniline
Concen: 42.577 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	33.3	73.3
108	104.2	81.4	121.4





#63

Azobenzene

Concen: 41.250 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

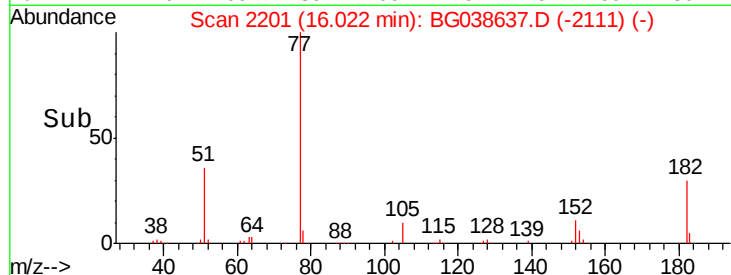
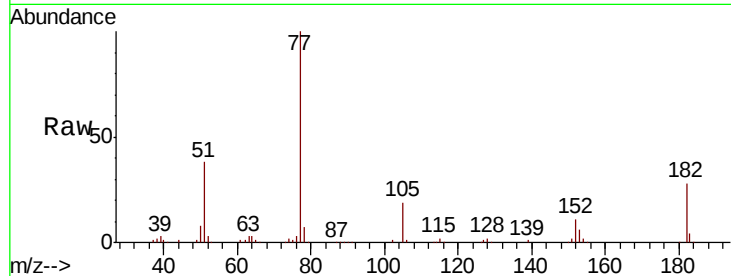
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 167481

Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.7	48.7
105	19.1	0.0	38.7
51	37.7	16.6	56.6

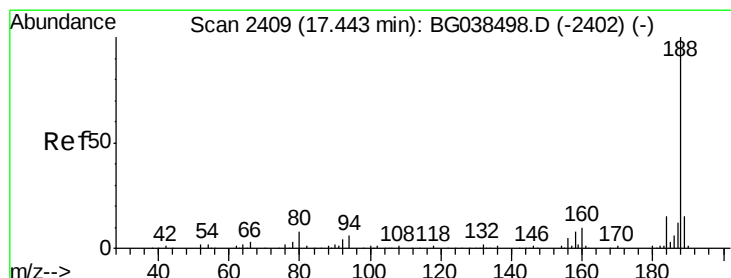
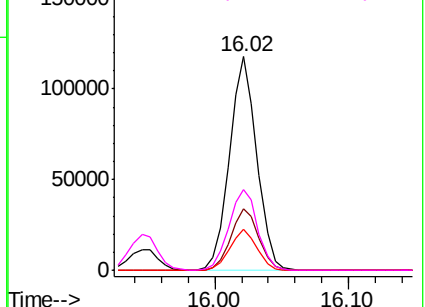


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

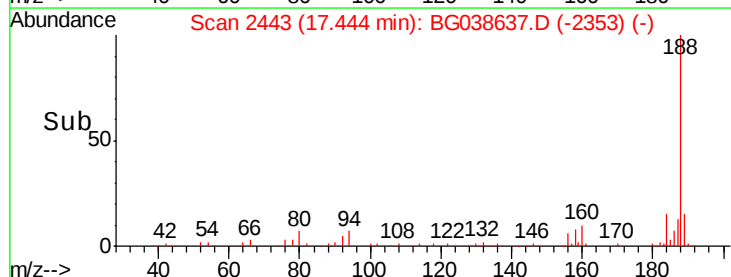
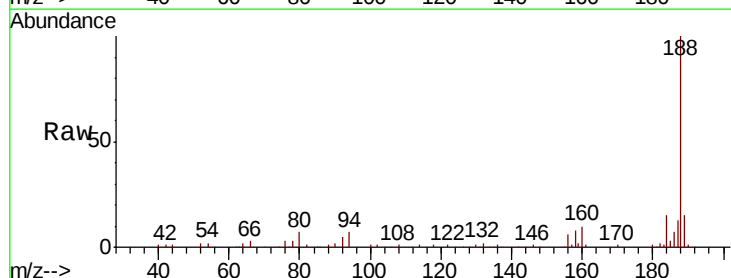
Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Tgt Ion: 188 Resp: 136892

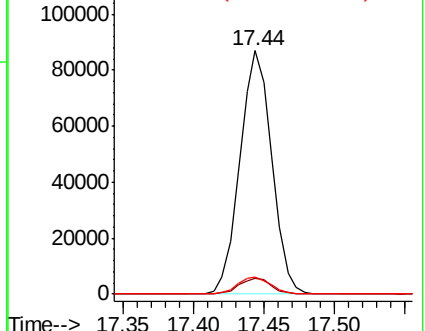
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	6.8	6.1	9.1

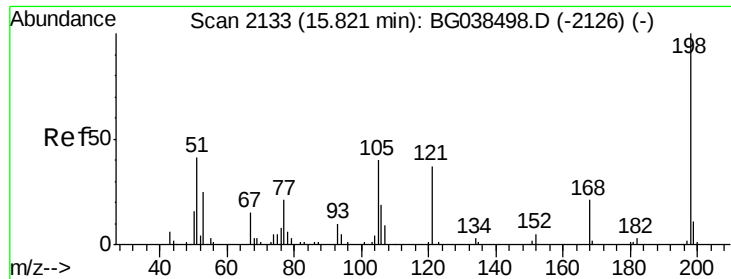


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

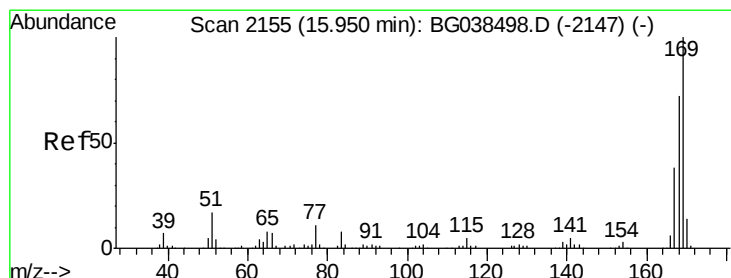
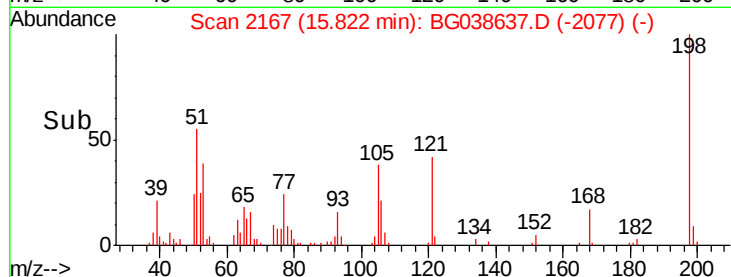
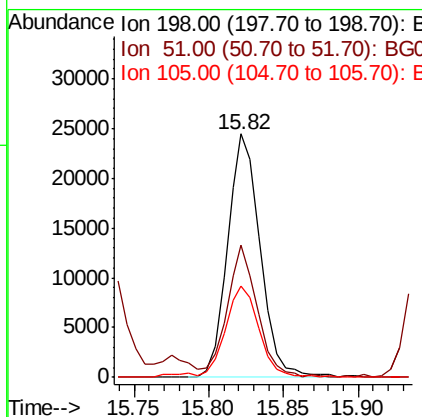
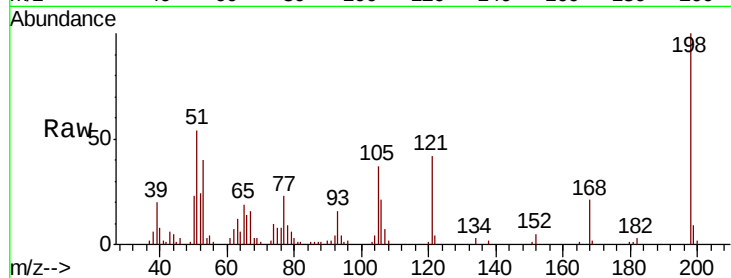




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.181 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

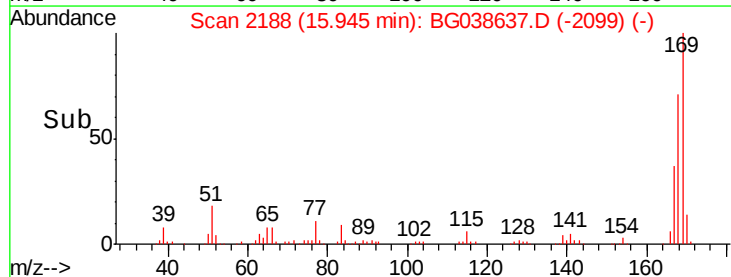
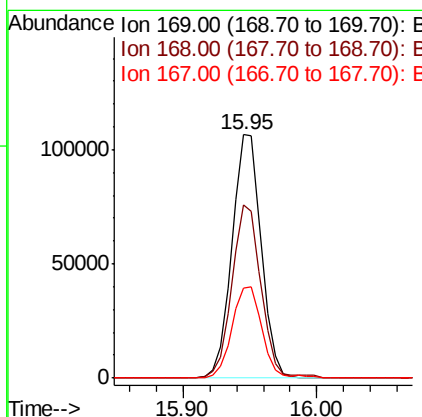
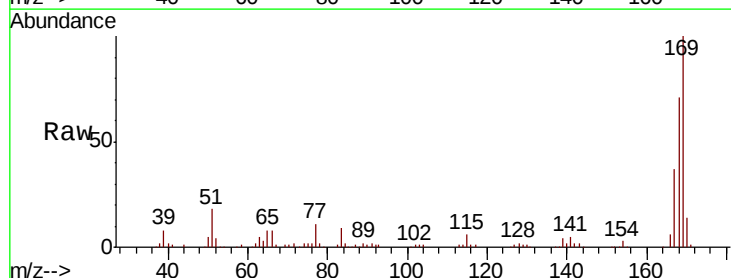
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 37285
 Ion Ratio Lower Upper
 198 100
 51 54.3 28.6 68.6
 105 37.3 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 40.185 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion:169 Resp: 161632
 Ion Ratio Lower Upper
 169 100
 168 71.0 57.5 86.3
 167 37.0 30.2 45.2

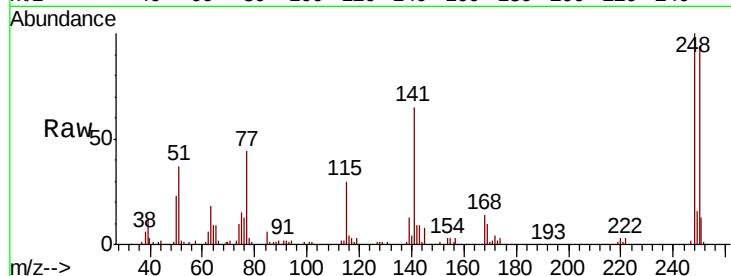




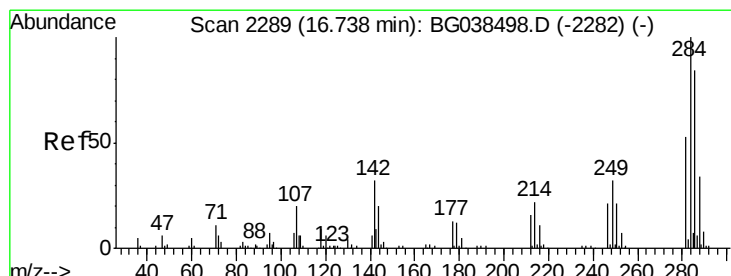
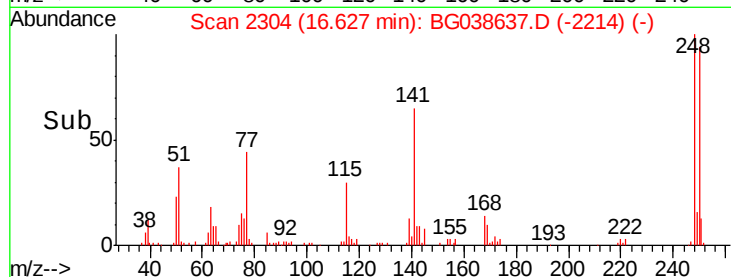
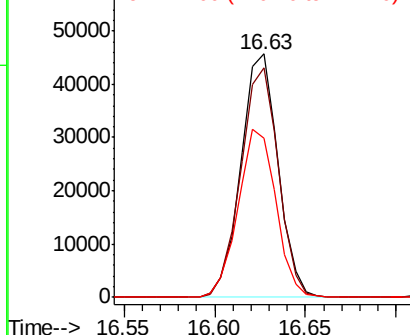
#67
4-Bromophenyl-phenylether
Concen: 38.952 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 65122
Ion Ratio Lower Upper
248 100
250 94.1 73.4 110.2
141 65.3 52.9 79.3

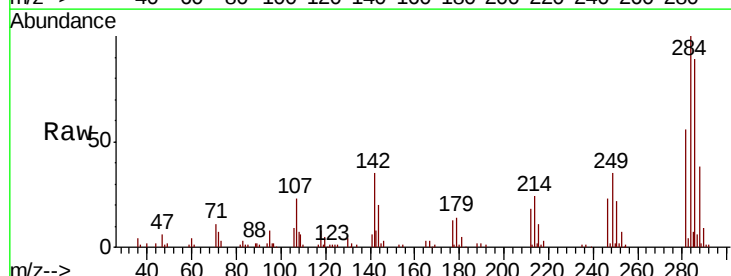


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

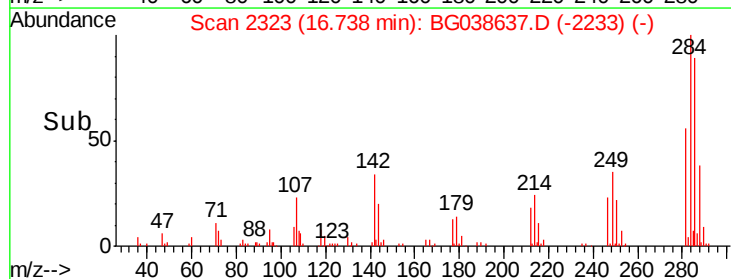
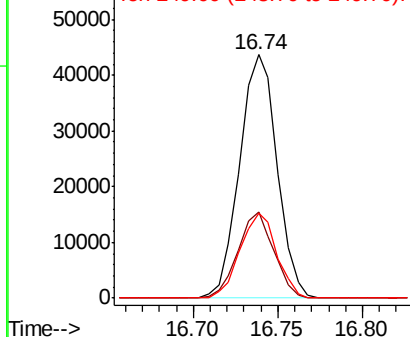


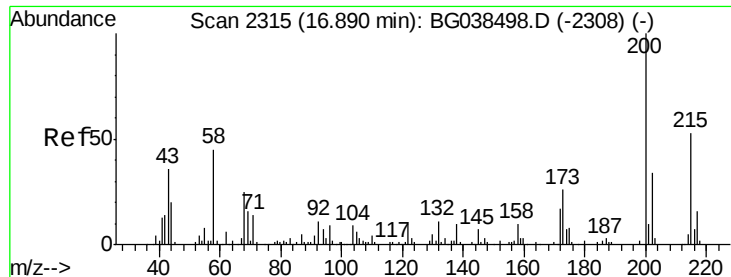
#68
Hexachlorobenzene
Concen: 38.922 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion:284 Resp: 67454
Ion Ratio Lower Upper
284 100
142 35.4 25.8 38.6
249 34.8 27.0 40.4



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





#69

Atrazine

Concen: 46.066 ng

RT: 16.89 min Scan# 2349

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

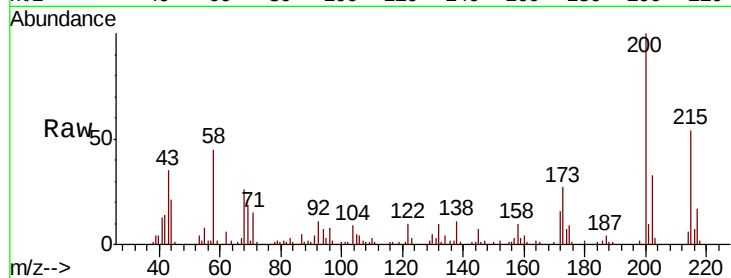
Tot Ion:200 Resp: 68762

Ion Ratio Lower Upper

200 100

173 26.6 5.9 45.9

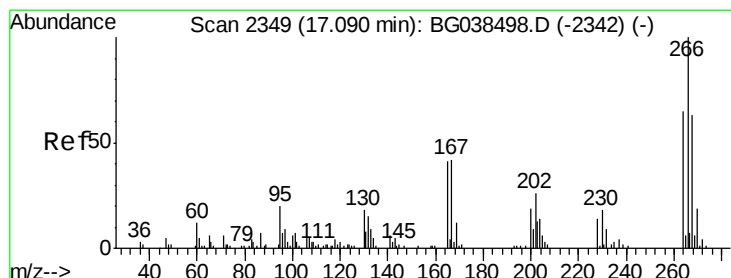
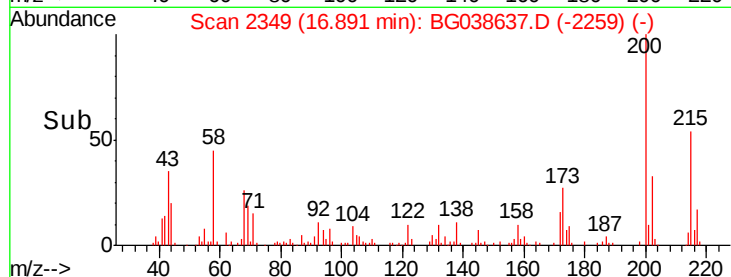
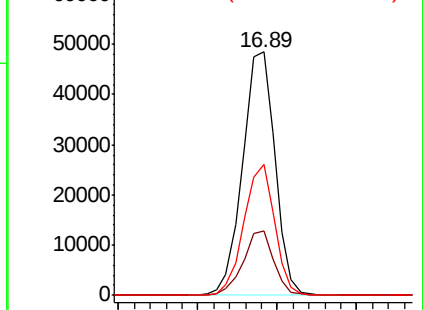
215 54.0 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.275 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

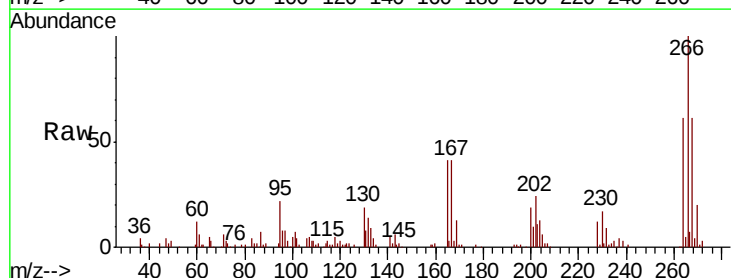
Tgt Ion:266 Resp: 77163

Ion Ratio Lower Upper

266 100

268 64.9 55.0 82.6

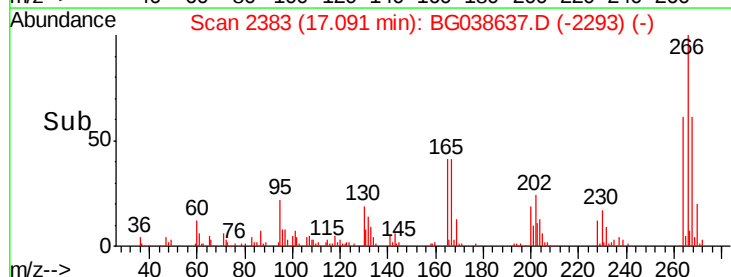
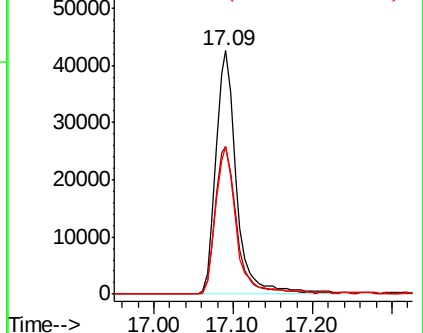
264 65.6 56.7 85.1

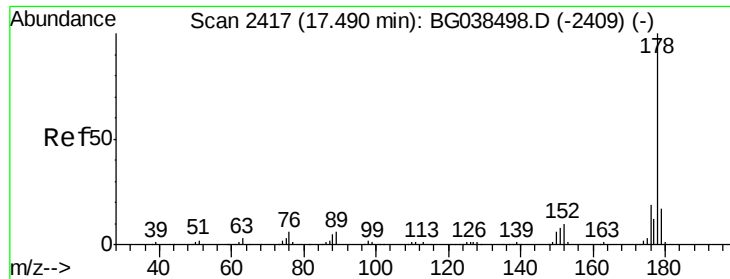


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

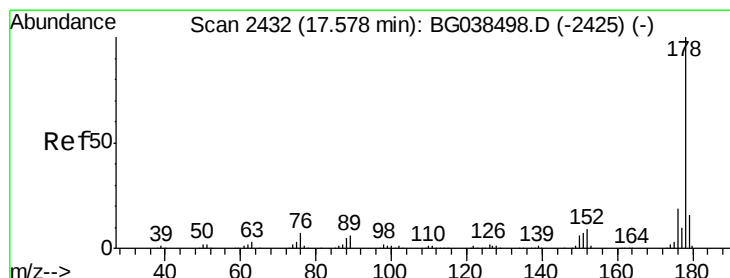
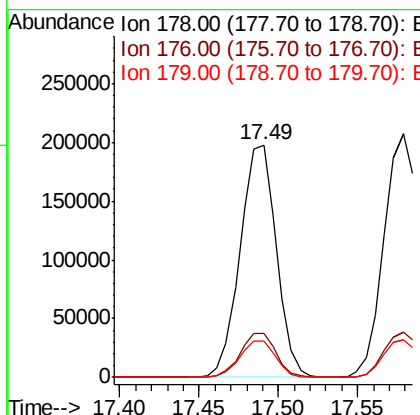
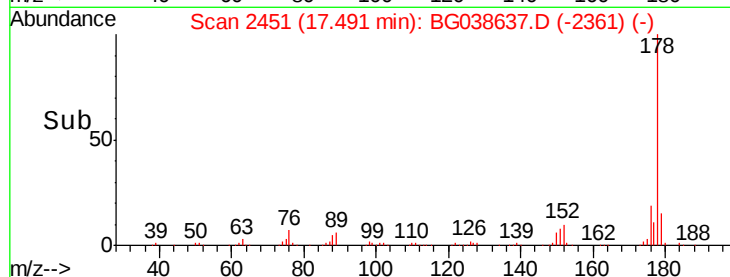
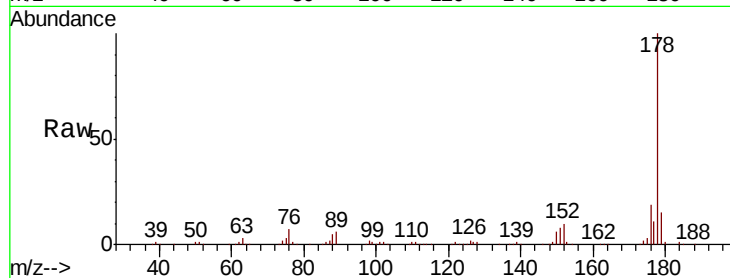




#71
 Phenanthrene
 Concen: 44.147 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

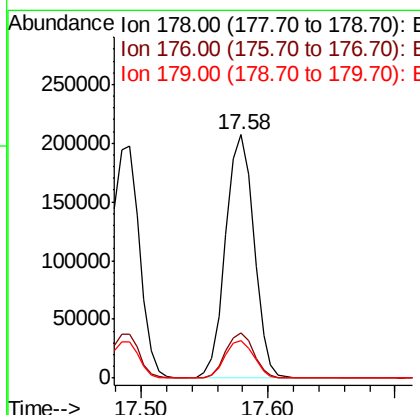
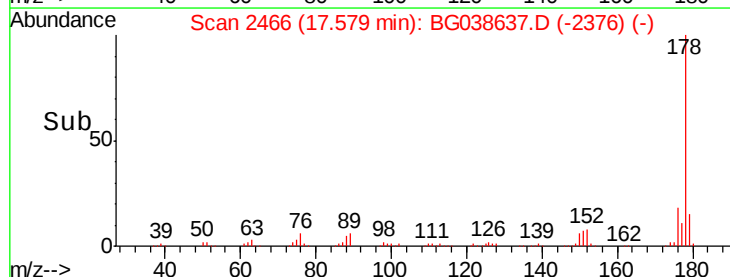
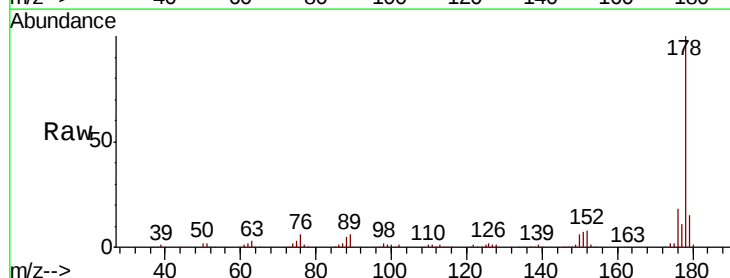
Instrument :
 BNA_G
 ClientSampleId :

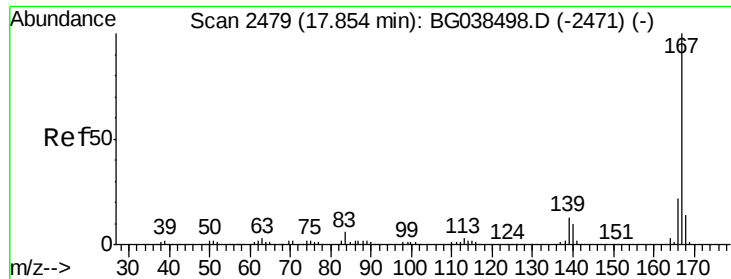
Tot Ion:178 Resp: 313386
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.5 13.2 19.8



#72
 Anthracene
 Concen: 45.857 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion:178 Resp: 321366
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 15.5 12.9 19.3

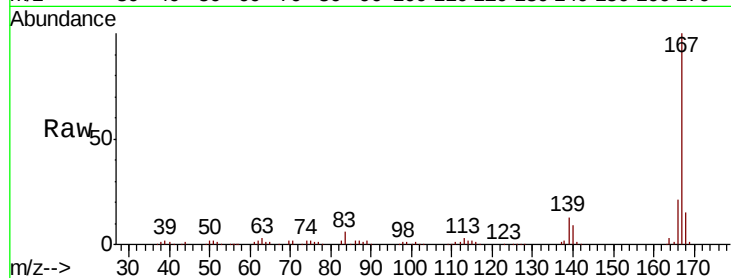




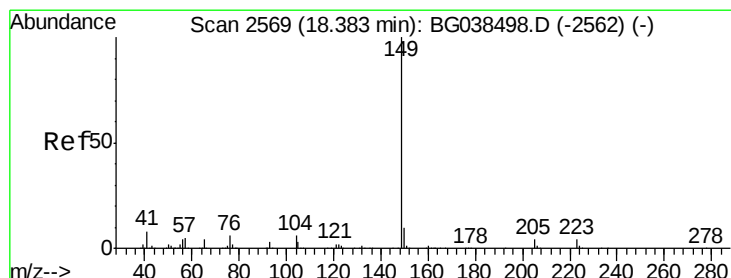
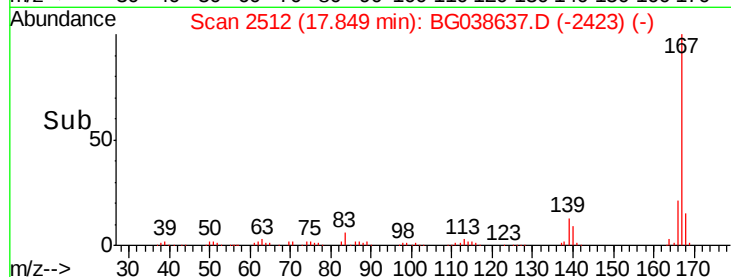
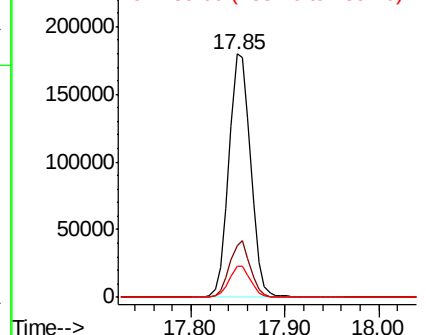
#73
 Carbazole
 Concen: 41.880 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167	Resp:	290258
Ion Ratio	Lower	Upper
167	100	
166	21.0	17.9 26.9
139	12.8	10.2 15.2

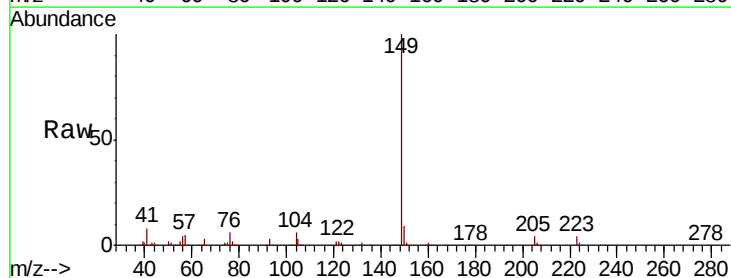


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

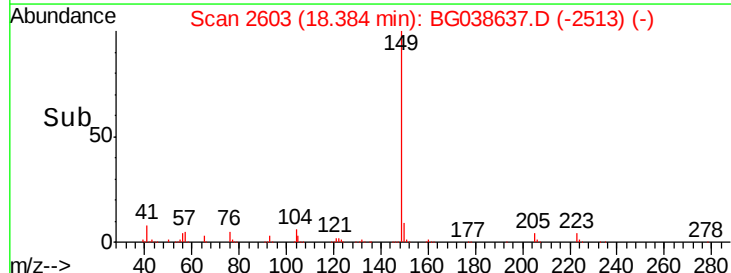
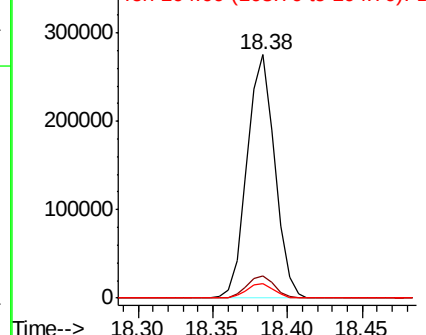


#74
 Di-n-butylphthalate
 Concen: 44.478 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038637.D
 Acq: 16 Dec 2018 12:46

Tgt Ion:149	Resp:	353716
Ion Ratio	Lower	Upper
149	100	
150	8.9	7.6 11.4
104	5.8	5.0 7.4



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

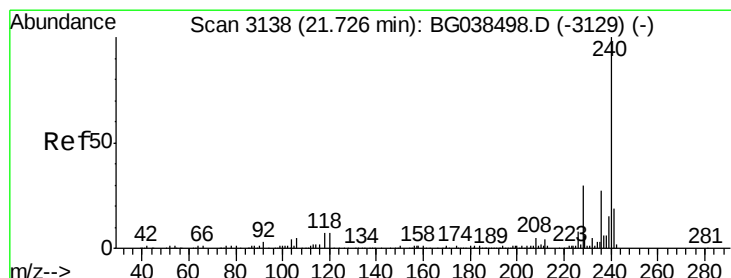
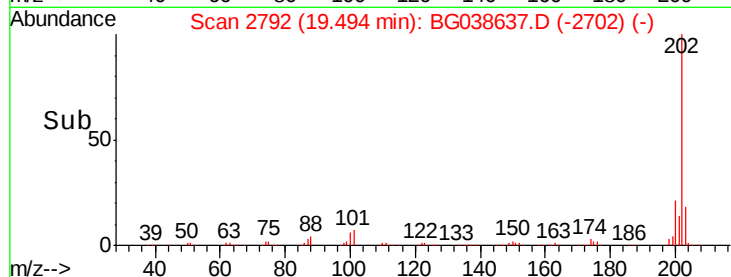
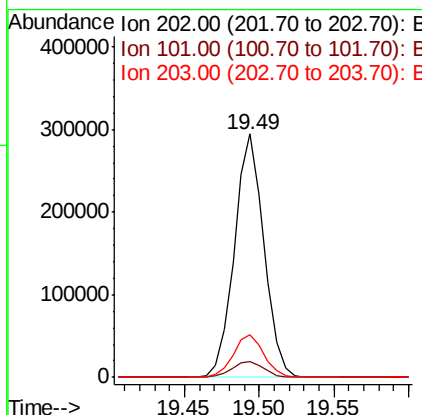
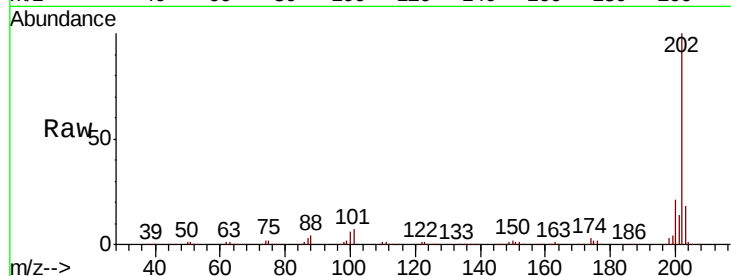




#75
Fluoranthene
Concen: 46.135 ng
RT: 19.49 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

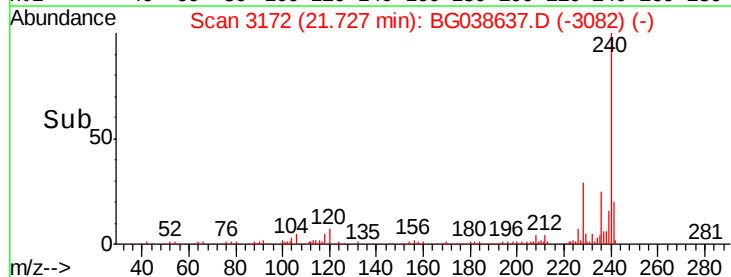
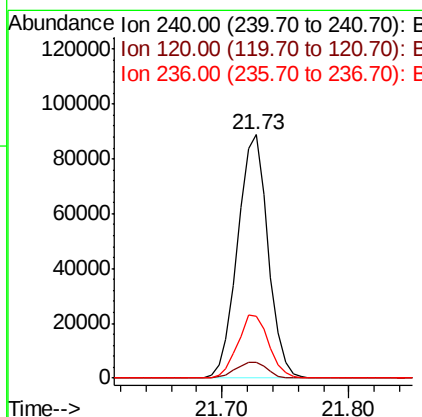
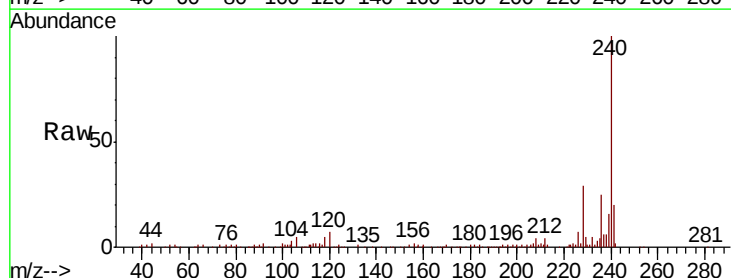
Instrument :
BNA_G
ClientSampleId :

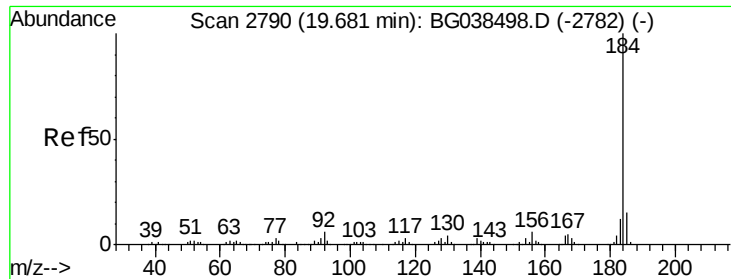
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.1
203	17.5	0.0	39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	25.4	21.4	32.2





#77

Benzidine

Concen: 44.768 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

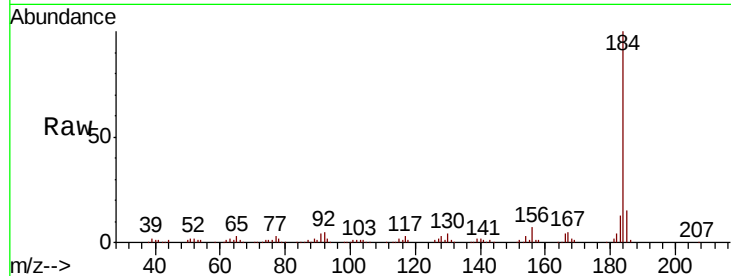
Tot Ion:184 Resp: 194892

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

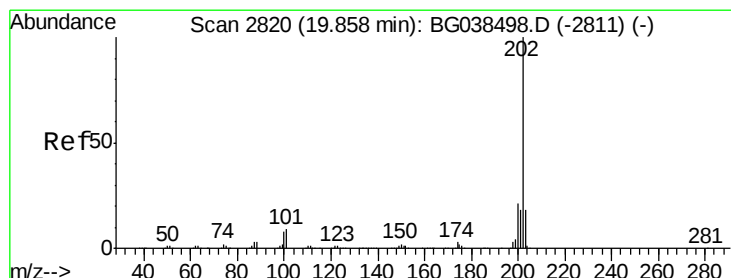
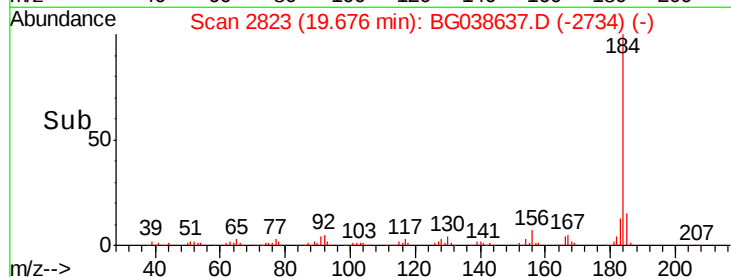
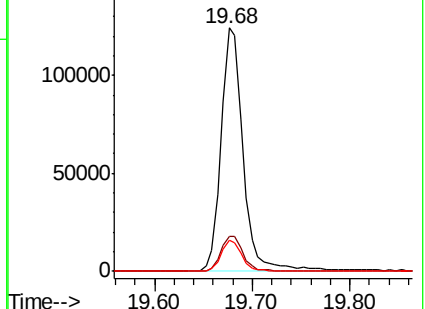
183 13.0 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.082 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

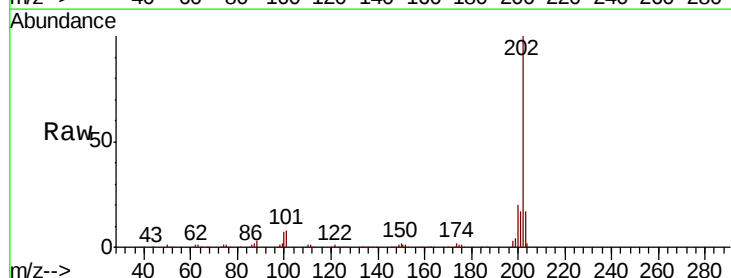
Tgt Ion:202 Resp: 409232

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

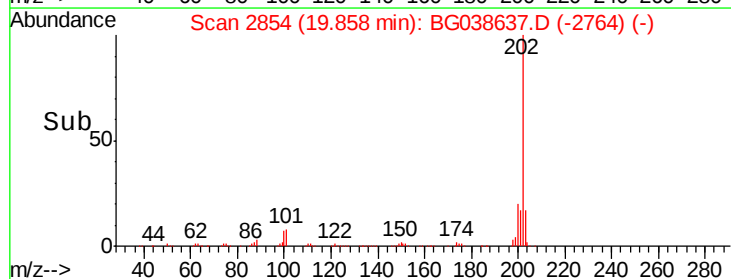
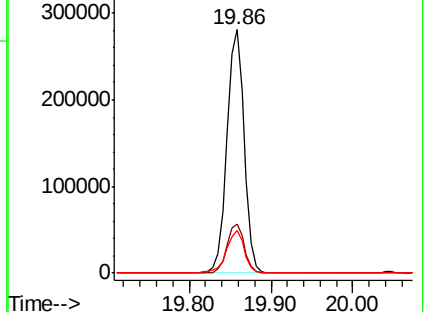
203 17.4 14.6 21.8

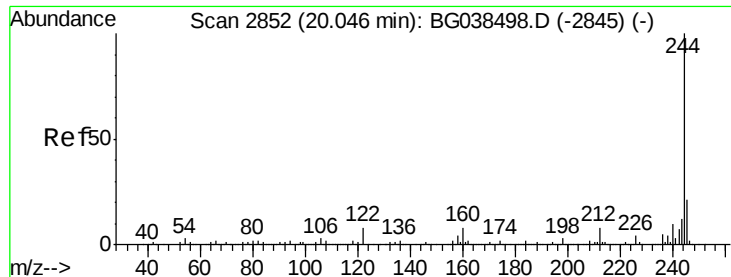


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.744 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

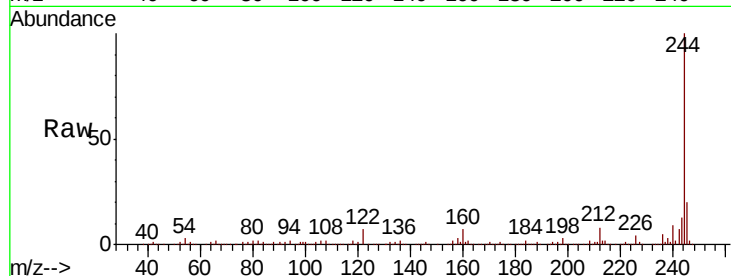
Tot Ion:244 Resp: 559669

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

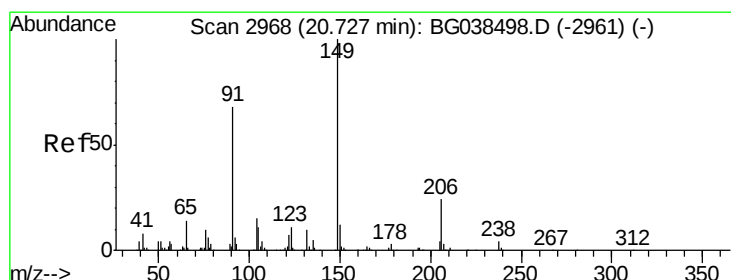
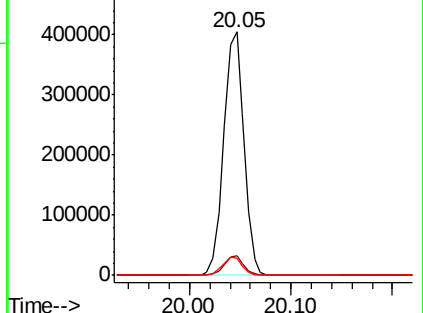
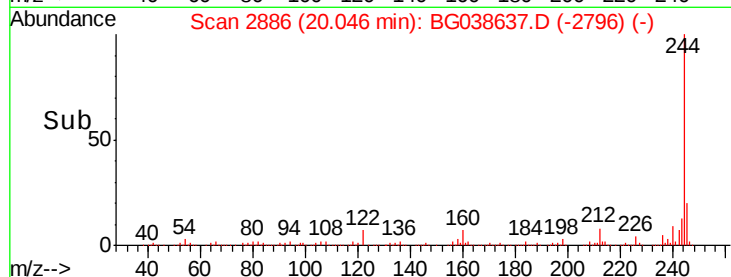
122 6.8 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.215 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

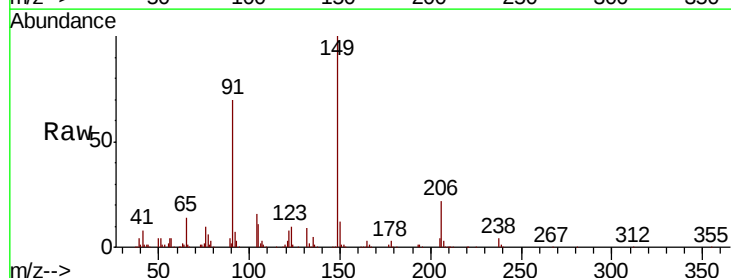
Tgt Ion:149 Resp: 160388

Ion Ratio Lower Upper

149 100

91 69.8 54.5 81.7

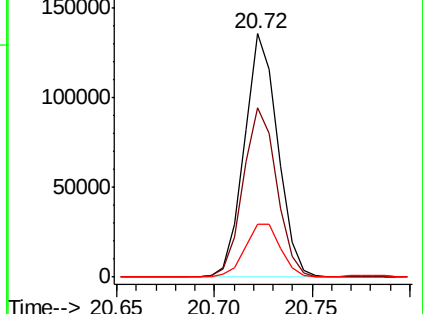
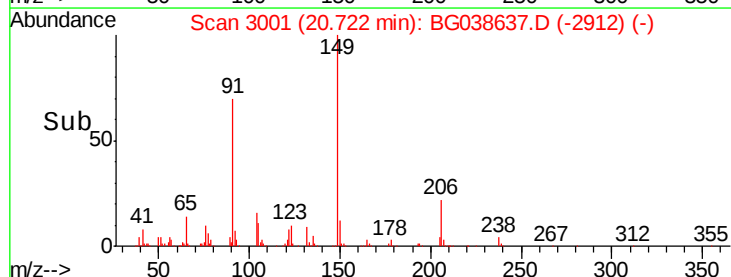
206 21.7 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.578 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

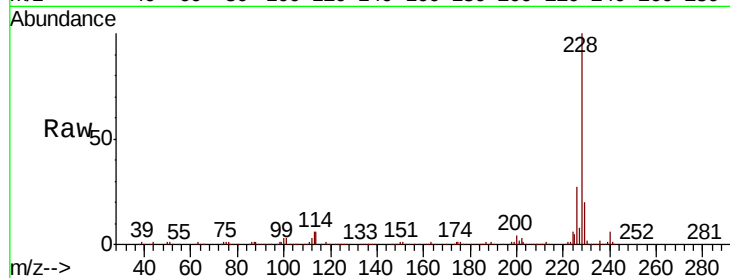
Tot Ion:228 Resp: 399862

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

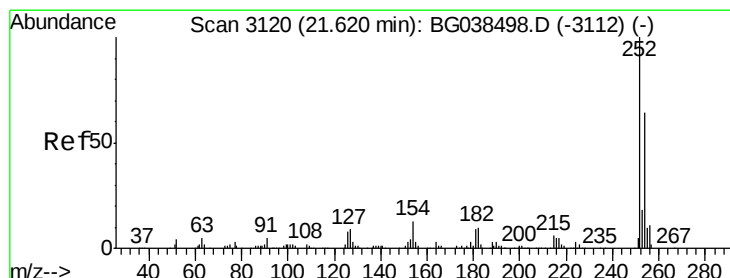
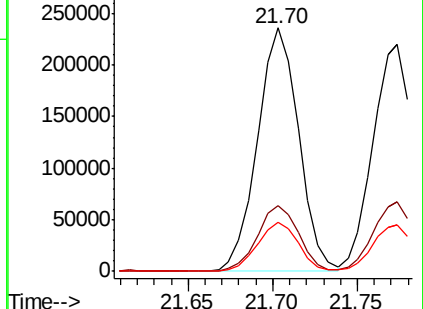
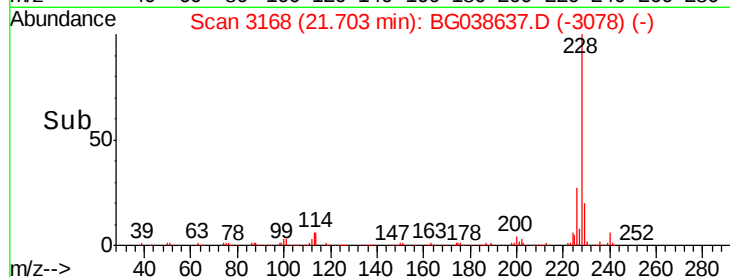
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.541 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

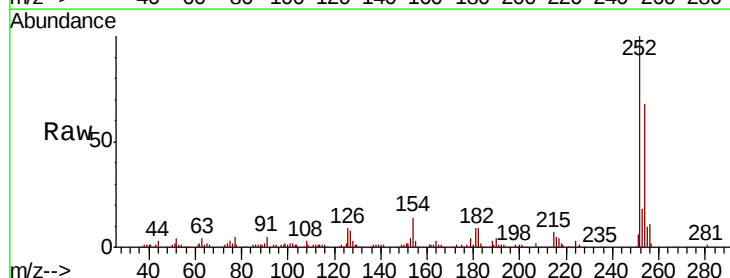
Tgt Ion:252 Resp: 105091

Ion Ratio Lower Upper

252 100

254 67.5 50.9 76.3

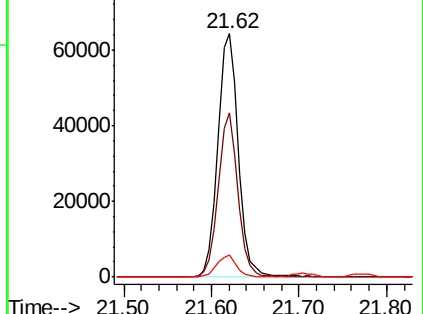
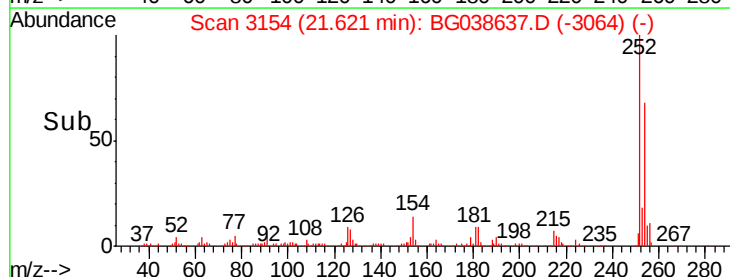
126 8.9 6.3 9.5

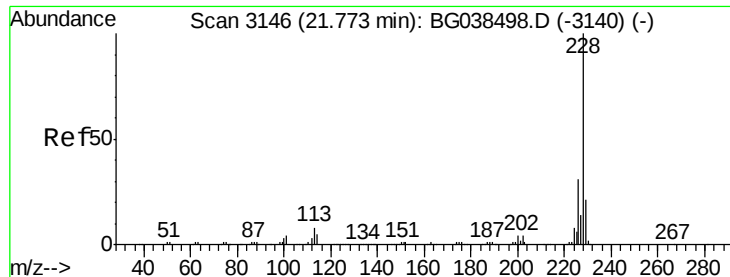


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.769 ng

RT: 21.77 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

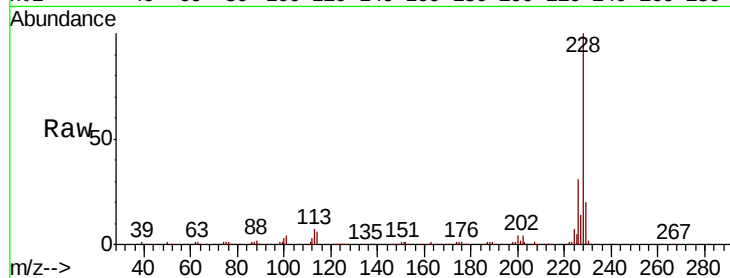
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 369514

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.3	16.5	24.7

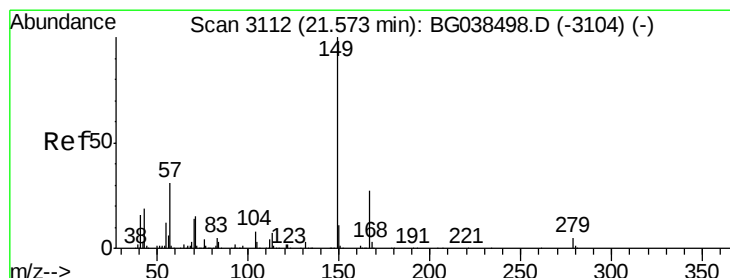
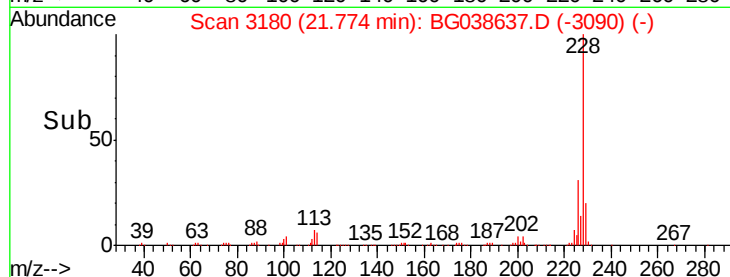
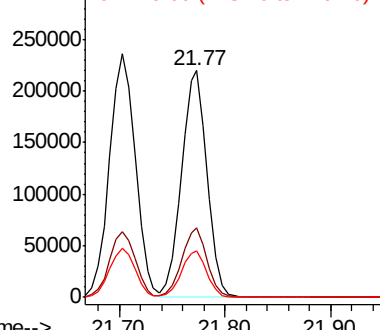


Abundance

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: 42.147 ng

RT: 21.57 min Scan# 3146

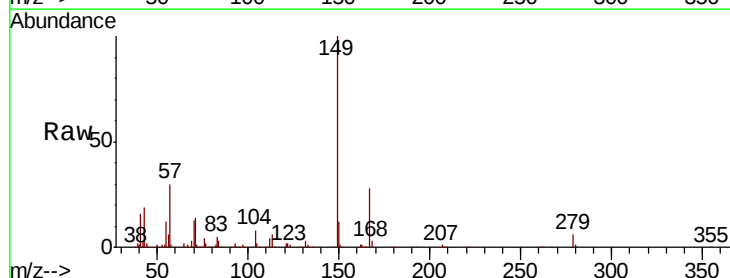
Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Tgt Ion:149 Resp: 227107

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.9	32.9
279	5.7	4.2	6.2

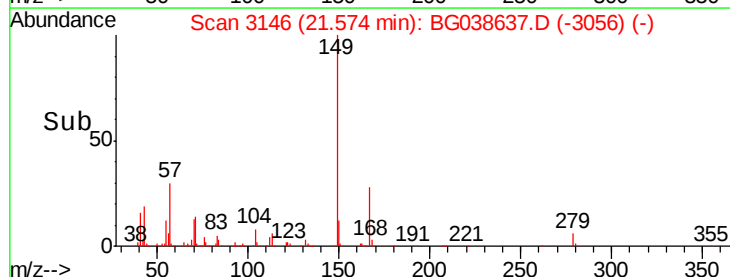
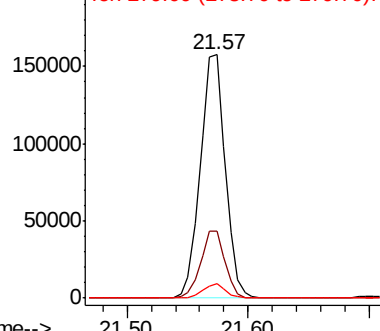


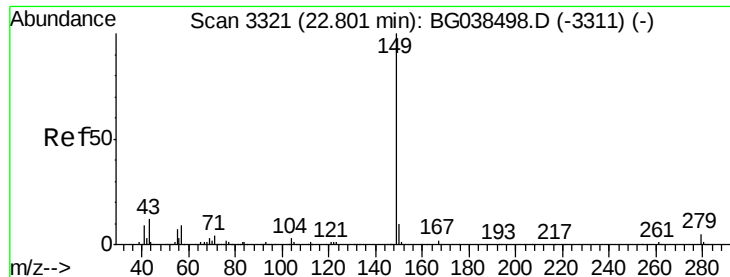
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.251 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

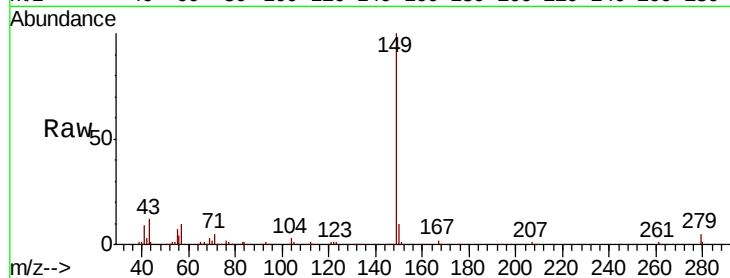
Tot Ion:149 Resp: 390309

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

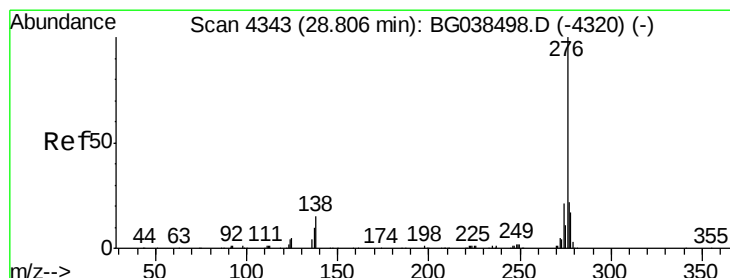
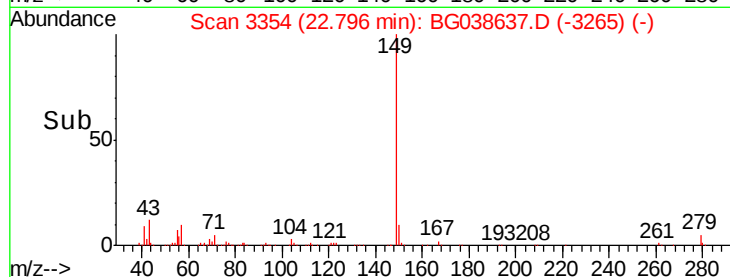
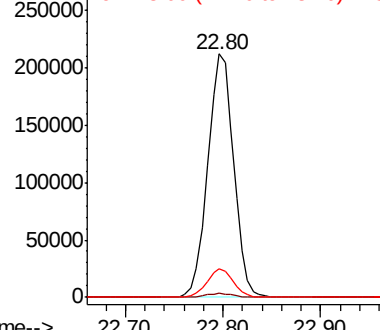
43 11.9 9.3 13.9



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: 44.911 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

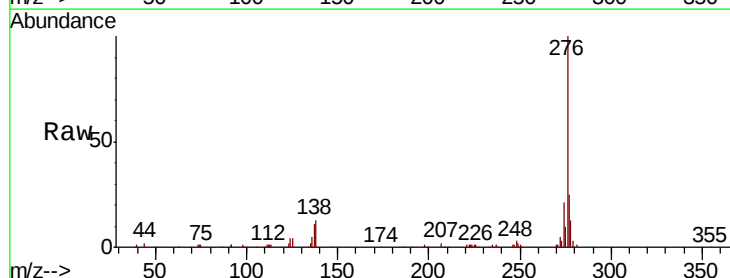
Tgt Ion:276 Resp: 456178

Ion Ratio Lower Upper

276 100

138 16.9 14.4 21.6

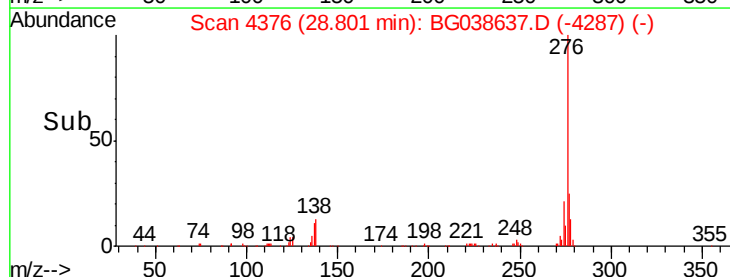
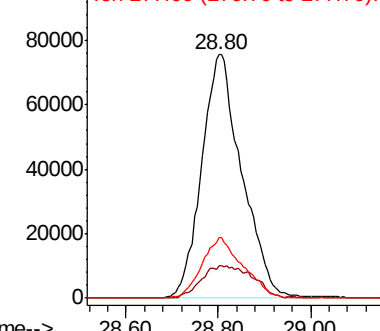
277 25.3 0.0 0.0#

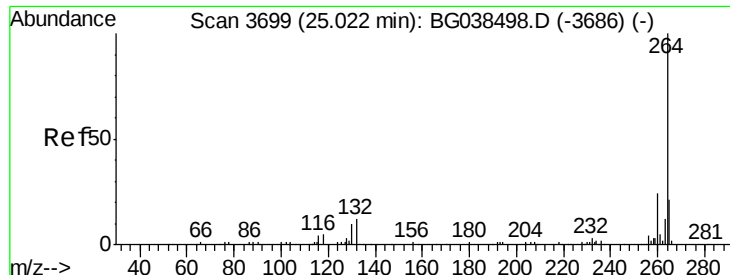


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

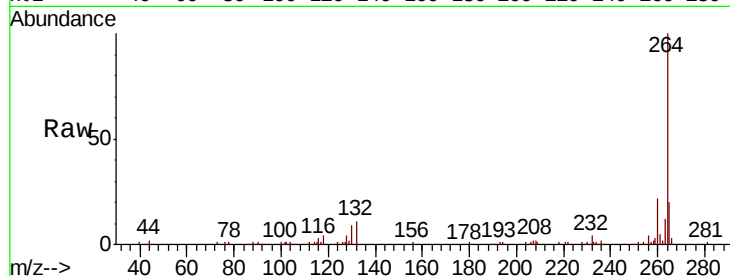




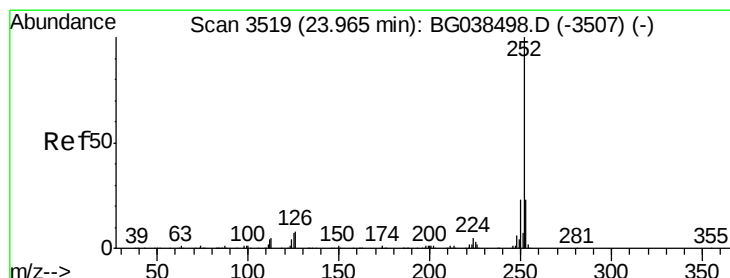
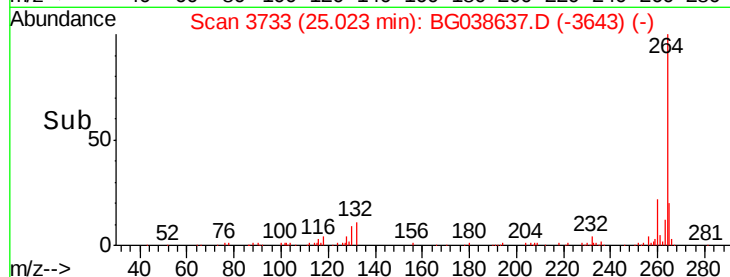
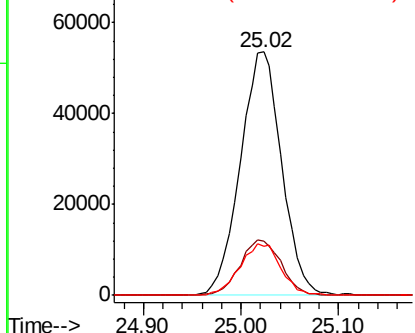
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.9	28.3
265	20.4	17.0	25.4

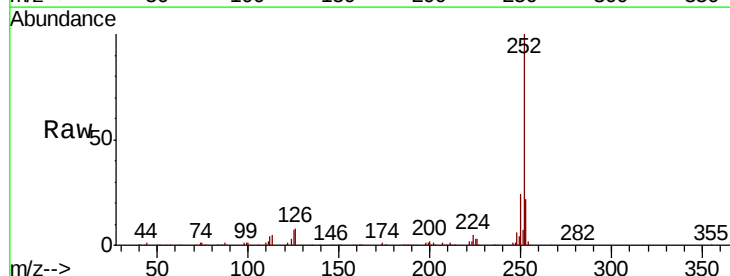


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

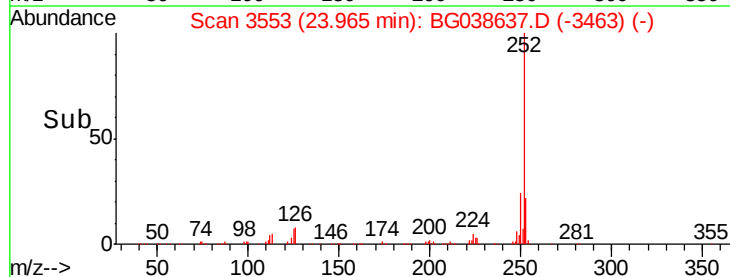
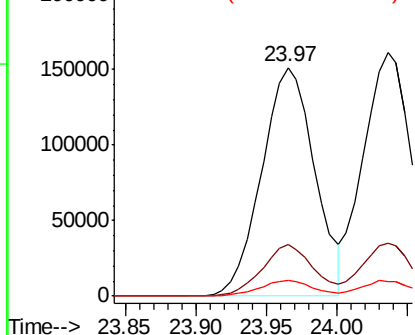


#88
Benzo(b)fluoranthene
Concen: 45.750 ng
RT: 23.97 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.6	5.5	8.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

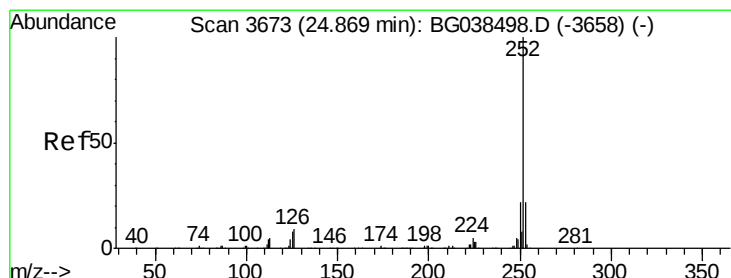
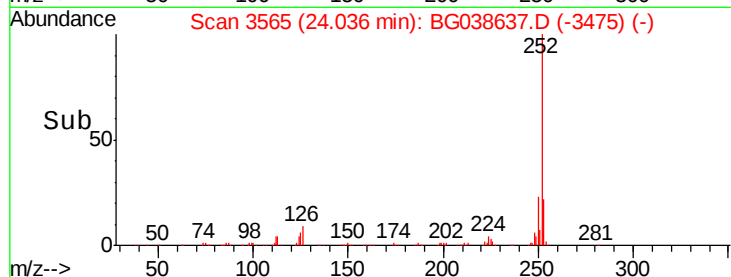
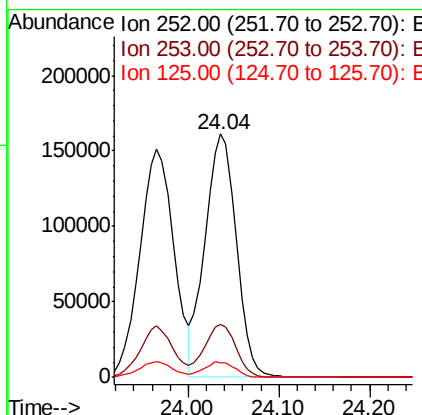
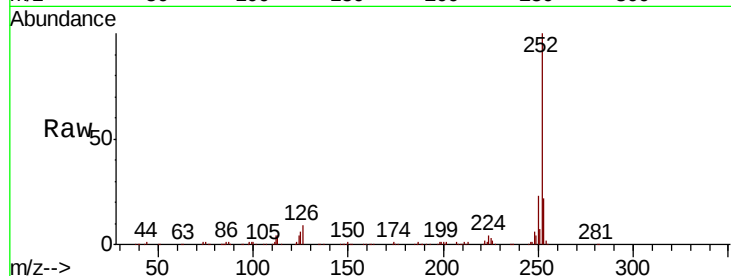




#89
Benzo(k)fluoranthene
Concen: 44.647 ng
RT: 24.04 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

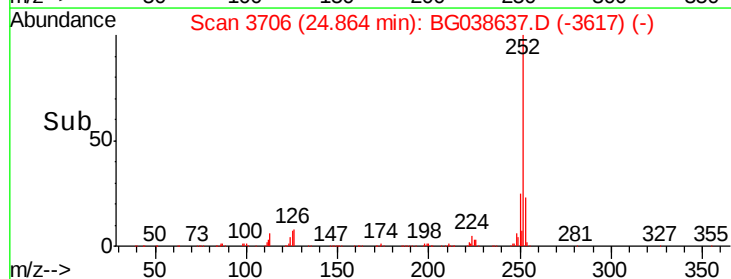
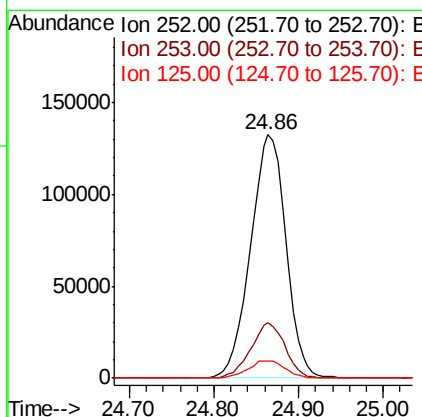
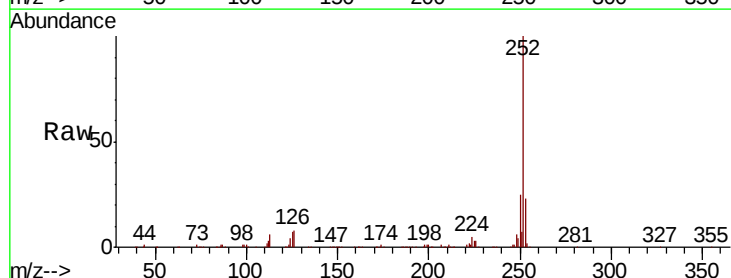
Instrument :
BNA_G
ClientSampleId :

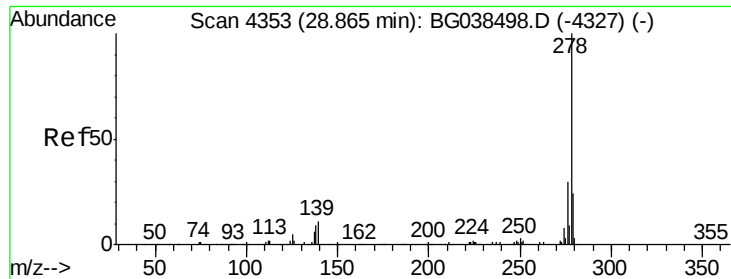
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	6.1	5.4	8.2



#90
Benzo(a)pyrene
Concen: 46.150 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038637.D
Acq: 16 Dec 2018 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	7.0	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 45.010 ng

RT: 28.87 min Scan# 4387

Delta R.T. 0.00 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

Instrument :

BNA_G

ClientSampleId :

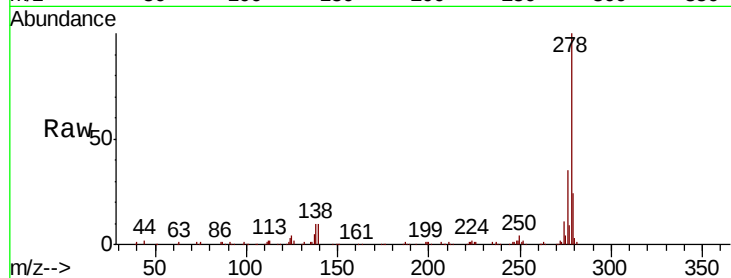
Tot Ion:278 Resp: 375759

Ion Ratio Lower Upper

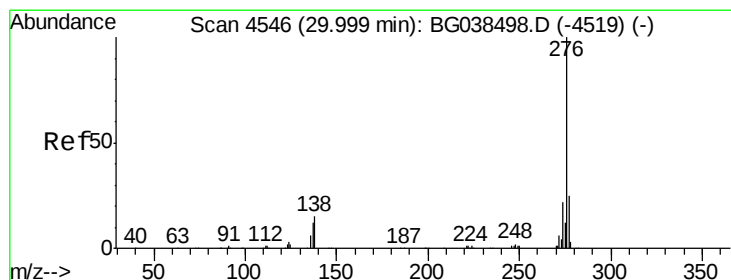
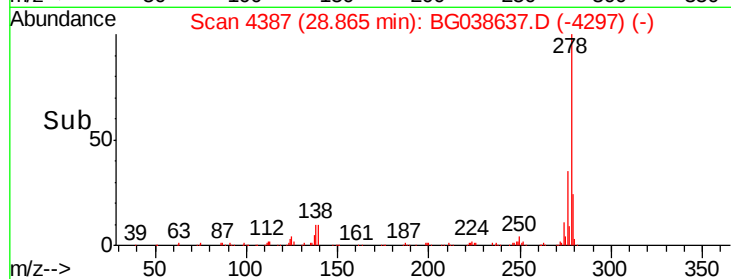
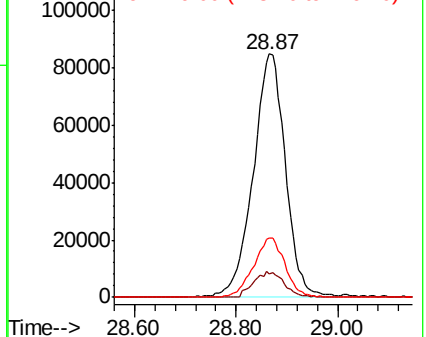
278 100

139 9.5 8.6 12.8

279 24.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.412 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038637.D

Acq: 16 Dec 2018 12:46

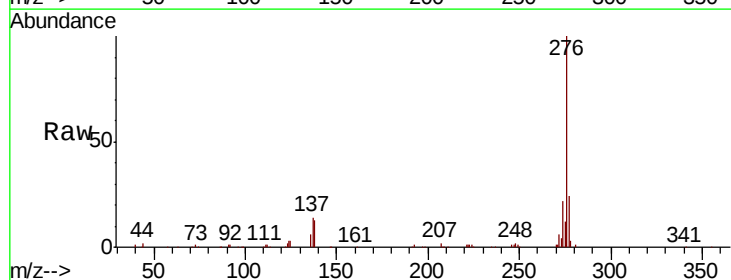
Tgt Ion:276 Resp: 373618

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 13.1 11.8 17.6



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

