

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038881.D
 Acq On : 28 Dec 2018 19:50
 Operator : JU/SJ
 Sample : J6193-12MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 00:21:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23507	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	100845	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	76912	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	192921	20.00	ng	0.00
76) Chrysene-d12	21.72	240	192639	20.00	ng	0.00
87) Perylene-d12	25.02	264	209739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	198768	149.97	ng	0.01
7) Phenol-d6	7.22	99	261949	143.97	ng	0.02
23) Nitrobenzene-d5	9.23	82	188160	95.32	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	193579	182.62	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	532877	95.05	ng	0.00
79) Terphenyl-d14	20.04	244	997006	112.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	19252	31.211	ng	# 1
3) Pyridine	3.91	79	51043	30.056	ng	99
4) n-Nitrosodimethylamine	3.82	42	35137	42.226	ng	95
6) Aniline	7.39	93	24977	10.754	ng	96
8) 2-Chlorophenol	7.62	128	85434	55.703	ng	93
9) Benzaldehyde	7.20	77	45157	38.259	ng	96
10) Phenol	7.25	94	89727	46.419	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	67686	43.982	ng	94
12) 1,3-Dichlorobenzene	7.94	146	81180	44.766	ng	98
13) 1,4-Dichlorobenzene	8.09	146	85541	46.057	ng	96
14) 1,2-Dichlorobenzene	8.41	146	80823	46.160	ng	97
15) Benzyl Alcohol	8.30	79	81176	57.160	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	136108	38.608	ng	97
17) 2-Methylphenol	8.50	107	74747	57.717	ng	98
18) Hexachloroethane	9.13	117	29113	42.897	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	60568	47.397	ng	92
20) 3+4-Methylphenols	8.83	107	102556	57.340	ng	96
22) Acetophenone	8.89	105	123596	49.067	ng	# 95
24) Nitrobenzene	9.28	77	94320	47.232	ng	94
25) Isophorone	9.79	82	177729	50.112	ng	# 96
26) 2-Nitrophenol	9.99	139	51128	50.024	ng	92
27) 2,4-Dimethylphenol	10.04	122	92690	63.279	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	101500	50.712	ng	99
29) 2,4-Dichlorophenol	10.53	162	108318	66.470	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	99957	50.782	ng	94
31) Naphthalene	10.93	128	270172	54.375	ng	99
32) Benzoic acid	10.20	122	42537	46.202	ng	89
33) 4-Chloroaniline	11.05	127	6447	2.989	ng	93
34) Hexachlorobutadiene	11.18	225	66034	49.579	ng	99
35) Caprolactam	11.84	113	19986	29.636	ng	# 89
36) 4-Chloro-3-methylphenol	12.16	107	114449	61.545	ng	91
37) 2-Methylnaphthalene	12.52	142	213371	60.193	ng	98
38) 1-Methylnaphthalene	12.75	142	207105	60.209	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	133848	46.557	ng	99

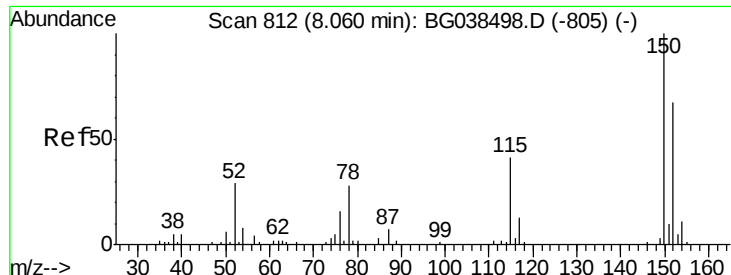
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038881.D
 Acq On : 28 Dec 2018 19:50
 Operator : JU/SJ
 Sample : J6193-12MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 00:21:07 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	110453	69.930	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	102924	58.225	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	111907	59.793	ng	96
46) 1,1'-Biphenyl	13.53	154	296668	46.011	ng	98
47) 2-Chloronaphthalene	13.58	162	241283	48.445	ng	98
48) 2-Nitroaniline	13.79	65	77791	49.036	ng	88
49) Acenaphthylene	14.42	152	397172	53.343	ng	98
50) Dimethylphthalate	14.15	163	329944	52.531	ng	99
51) 2,6-Dinitrotoluene	14.28	165	75602	53.115	ng	91
52) Acenaphthene	14.76	154	229784	51.611	ng	97
53) 3-Nitroaniline	14.62	138	15510	10.690	ng	95
54) 2,4-Dinitrophenol	14.83	184	27214	35.234	ng	96
55) Dibenzofuran	15.09	168	397961	52.145	ng	97
56) 4-Nitrophenol	14.93	139	90002	81.766	ng	96
57) 2,4-Dinitrotoluene	15.07	165	105228	52.490	ng	93
58) Fluorene	15.74	166	319881	56.573	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	102670	60.973	ng	96
60) Diethylphthalate	15.50	149	336572	48.814	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	184041	52.167	ng	99
62) 4-Nitroaniline	15.78	138	71461	47.839	ng	98
63) Azobenzene	16.02	77	268971	46.696	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	36851	26.777	ng	82
66) n-Nitrosodiphenylamine	15.95	169	295449	52.122	ng	96
67) 4-Bromophenyl-phenylether	16.62	248	123600	52.459	ng	97
68) Hexachlorobenzene	16.74	284	131673	53.912	ng	95
69) Atrazine	16.89	200	118849	56.497	ng	99
70) Pentachlorophenol	17.09	266	97313	67.362	ng	94
71) Phenanthrene	17.49	178	544500	54.427	ng	99
72) Anthracene	17.58	178	554369	56.131	ng	100
73) Carbazole	17.85	167	478473	48.987	ng	100
74) Di-n-butylphthalate	18.38	149	552798	49.323	ng	99
75) Fluoranthene	19.49	202	656913	53.071	ng	97
77) Benzidine	19.68	184	90032	15.803	ng	99
78) Pyrene	19.86	202	660663	51.913	ng	100
80) Butylbenzylphthalate	20.73	149	249534	50.188	ng	95
81) Benzo(a)anthracene	21.71	228	649853	55.361	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	77503	16.648	ng	100
83) Chrysene	21.77	228	605268	53.533	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	350121	49.651	ng	97
85) Di-n-octyl phthalate	22.79	149	595624	50.435	ng	97
86) Indeno(1,2,3-cd)pyrene	28.82	276	768746	57.833	ng	# 72
88) Benzo(b)fluoranthene	23.97	252	661039	57.404	ng	98
89) Benzo(k)fluoranthene	24.04	252	633606	55.255	ng	97
90) Benzo(a)pyrene	24.87	252	636097	57.257	ng	98
91) Dibenzo(a,h)anthracene	28.88	278	634561	57.367	ng	98
92) Benzo(g,h,i)perylene	30.01	276	631929	57.970	ng	97

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

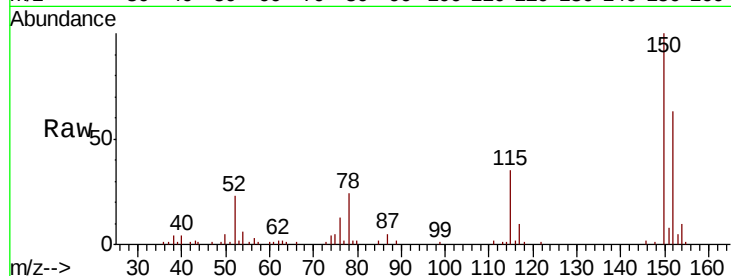


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	119.5	179.3
115	55.7	49.6	74.4

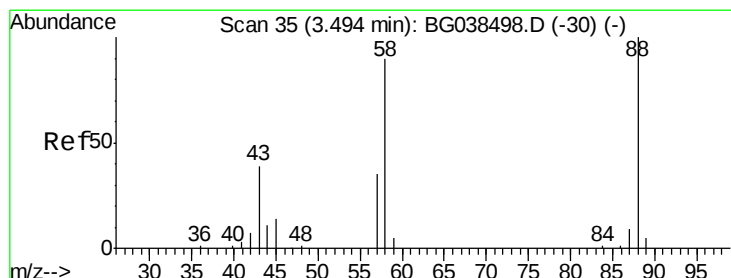
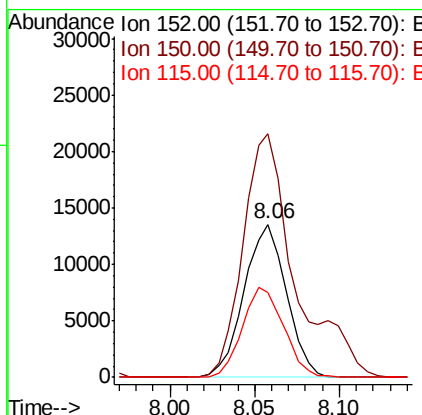
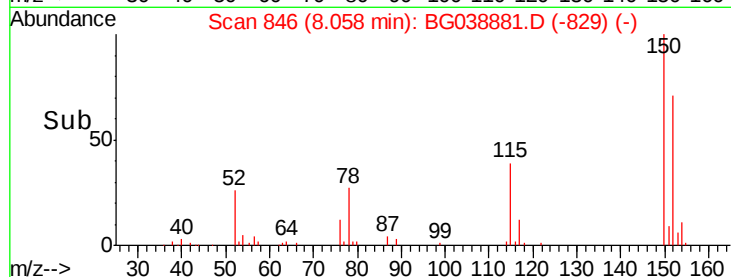


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

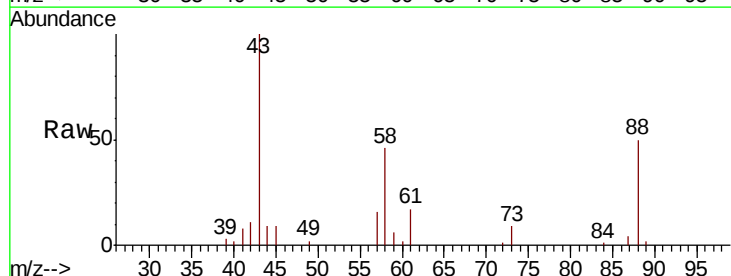
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.211 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.3	75.7	113.5
43	238.9	31.6	47.4

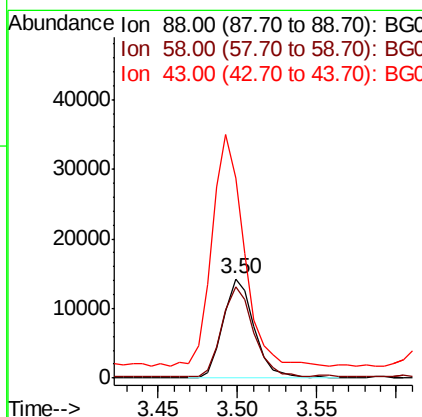
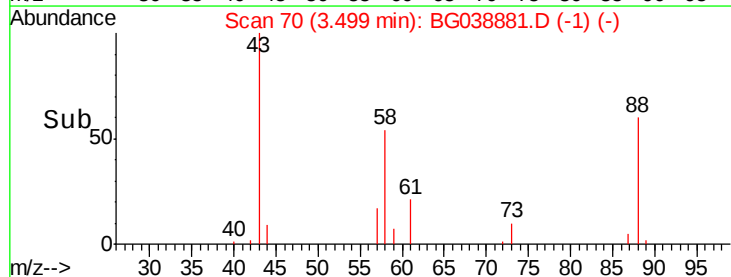


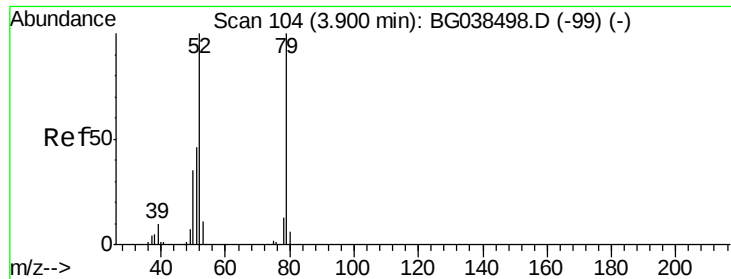
Abundance

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: 30.056 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

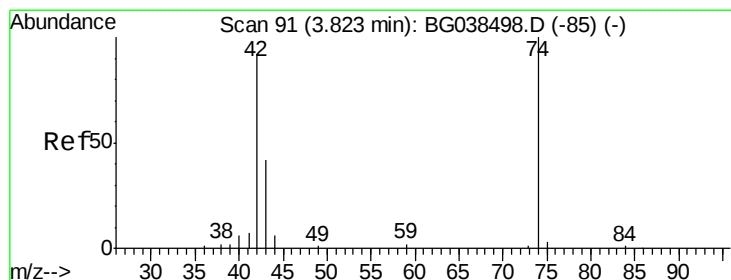
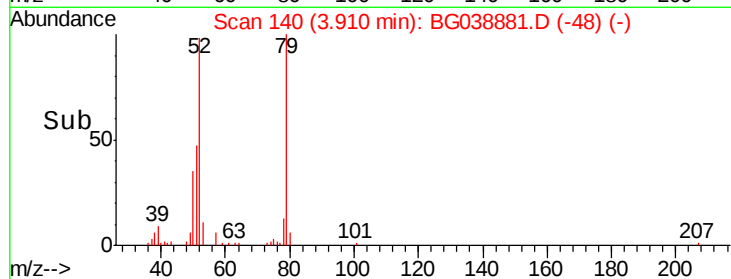
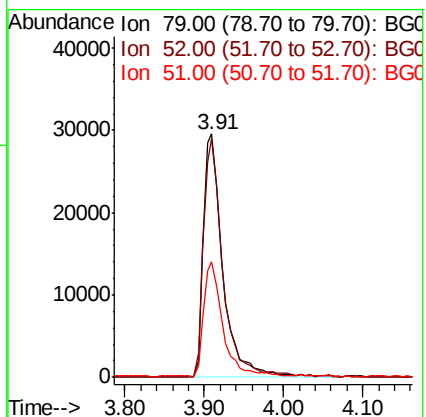
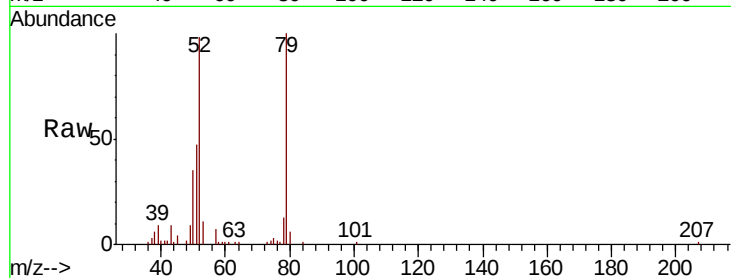
Tot Ion: 79 Resp: 51043

Ion Ratio Lower Upper

79 100

52 98.1 80.2 120.2

51 47.4 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 42.226 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

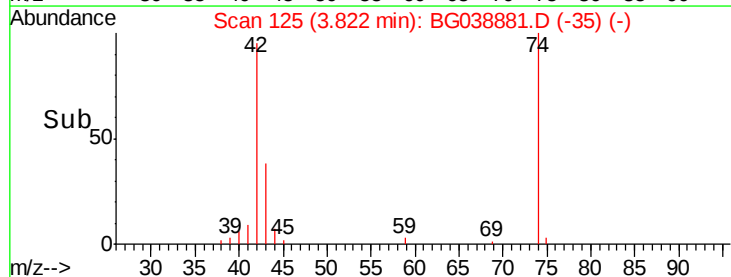
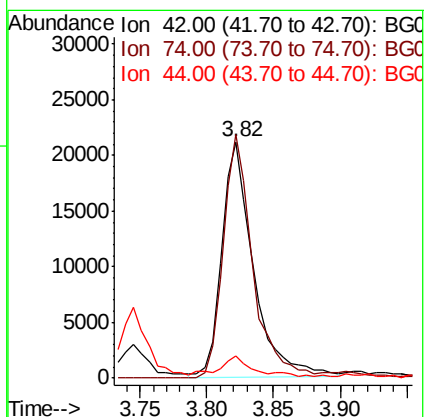
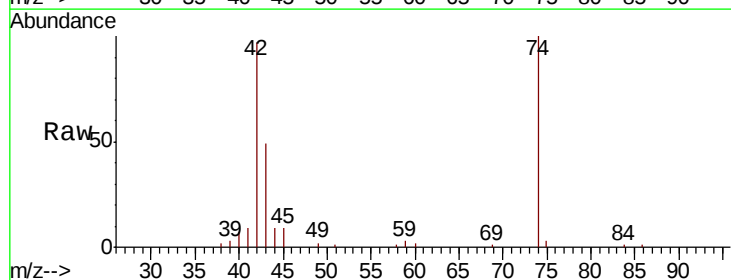
Tgt Ion: 42 Resp: 35137

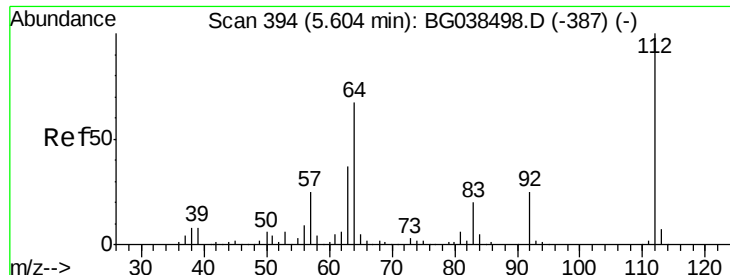
Ion Ratio Lower Upper

42 100

74 103.1 86.7 130.1

44 9.3 7.8 11.8





#5

2-Fluorophenol

Concen: 149.975 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampled :

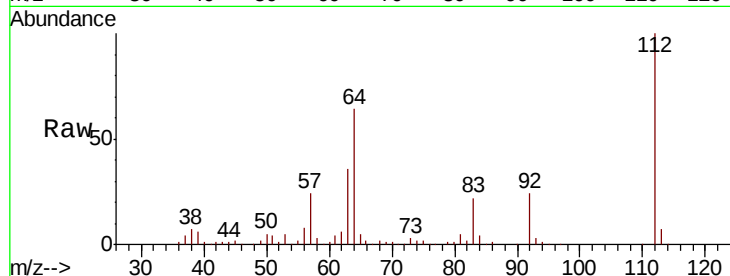
Tot Ion: 112 Resp: 198768

Ion Ratio Lower Upper

112 100

64 64.4 53.4 80.2

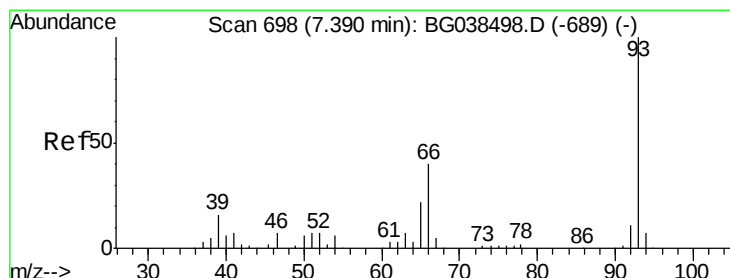
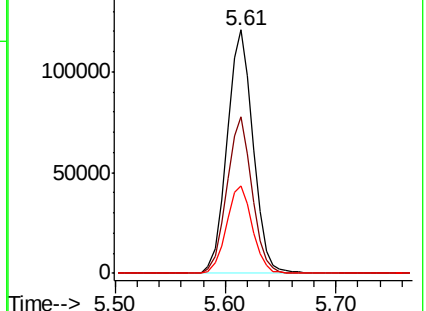
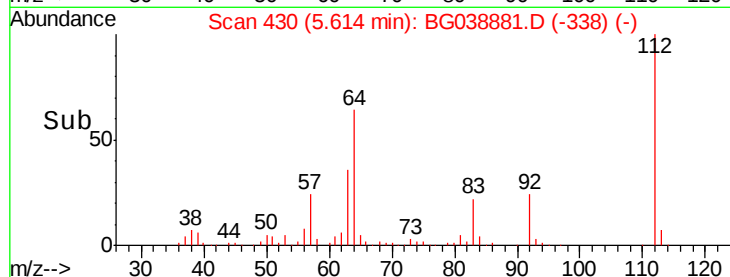
63 35.9 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.754 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

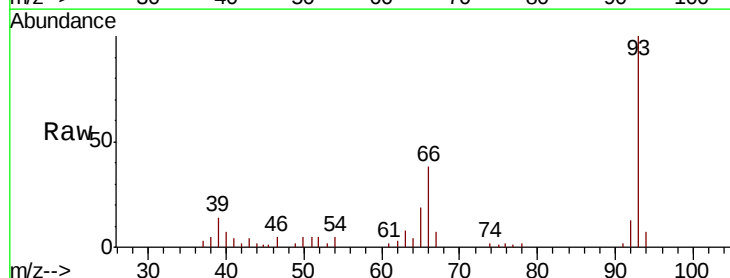
Tgt Ion: 93 Resp: 24977

Ion Ratio Lower Upper

93 100

66 37.7 31.7 47.5

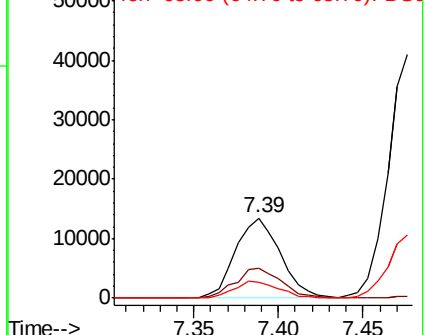
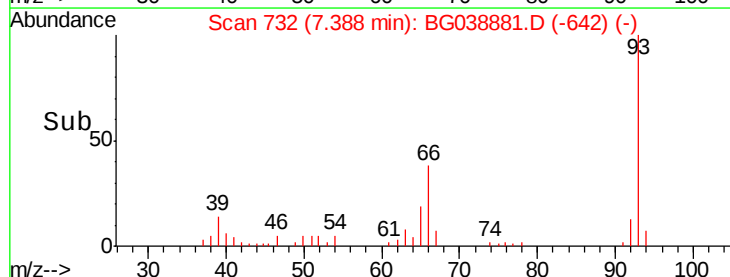
65 19.1 17.8 26.6

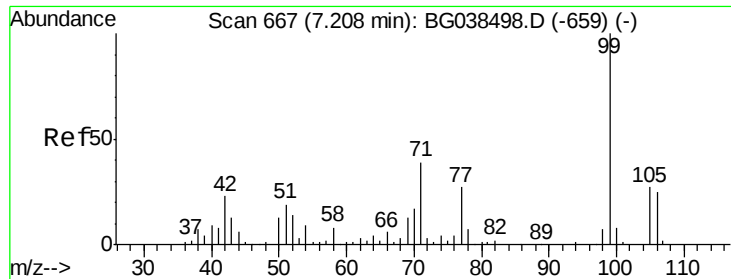


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.972 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

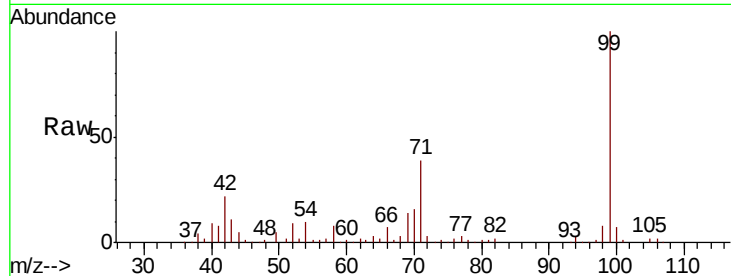
Tot Ion: 99 Resp: 261949

Ion Ratio Lower Upper

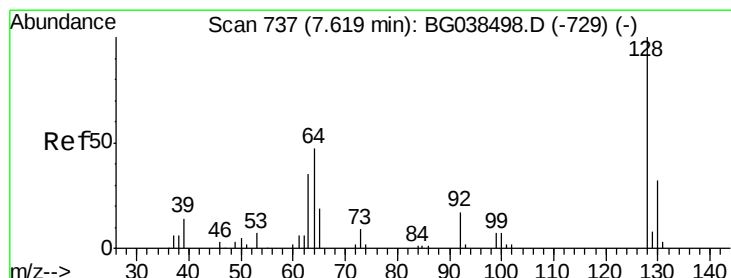
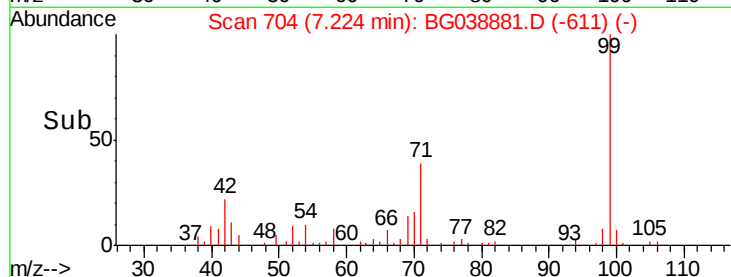
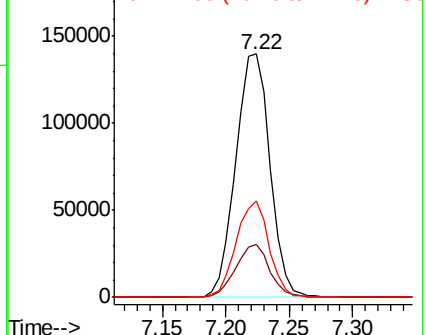
99 100

42 21.6 18.5 27.7

71 39.4 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: 55.703 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

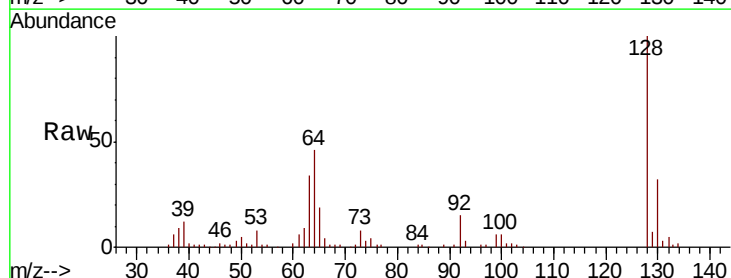
Tgt Ion: 128 Resp: 85434

Ion Ratio Lower Upper

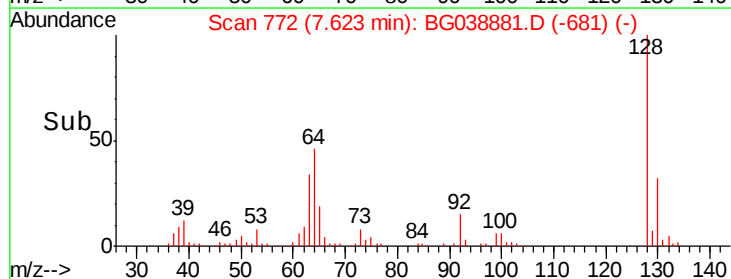
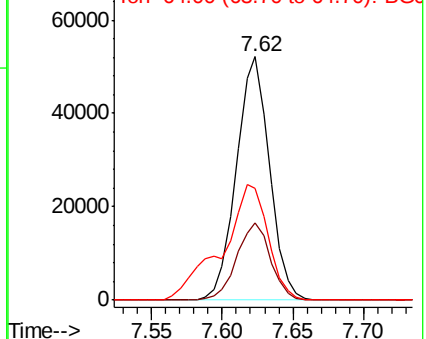
128 100

130 31.7 11.8 51.8

64 45.7 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

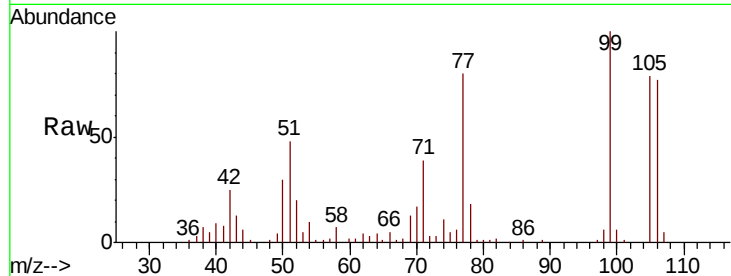




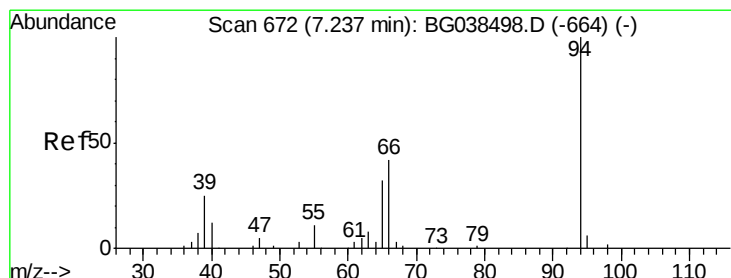
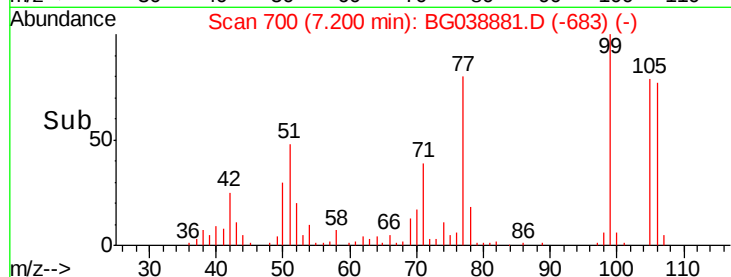
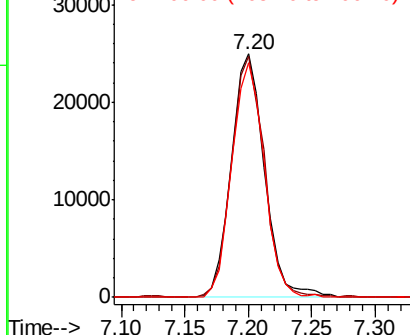
#9
Benzaldehyde
Concen: 38.259 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 45157
Ion Ratio Lower Upper
77 100
105 98.9 74.0 114.0
106 96.2 73.9 113.9

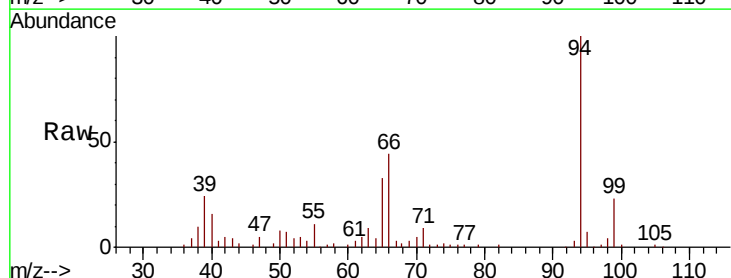


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

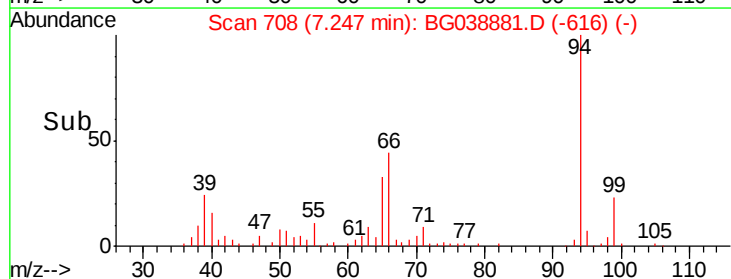
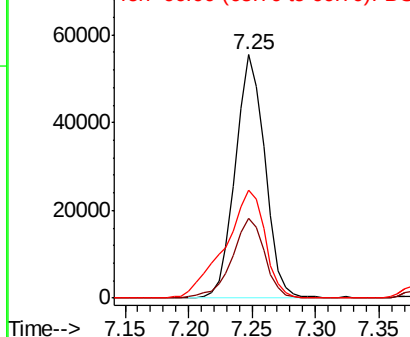


#10
Phenol
Concen: 46.419 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion: 94 Resp: 89727
Ion Ratio Lower Upper
94 100
65 32.7 12.6 52.6
66 44.4 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



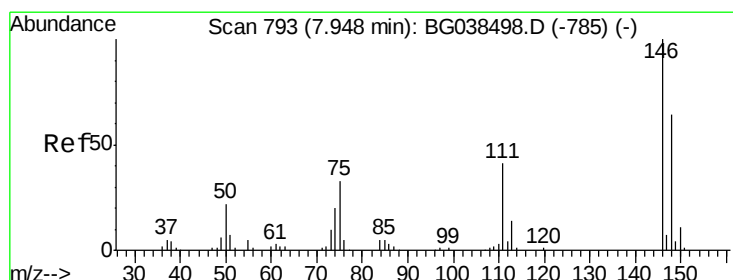
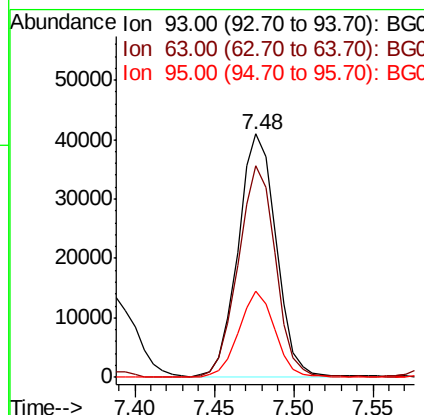
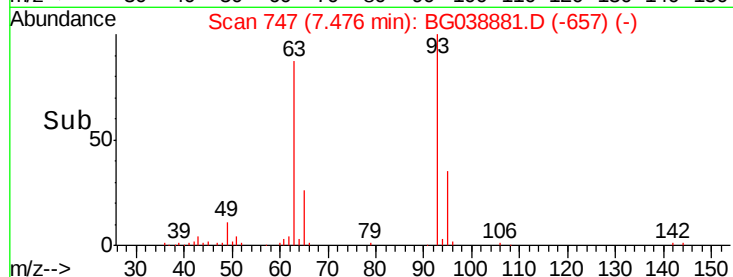
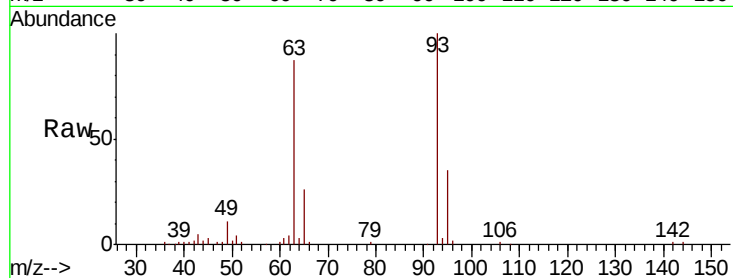


#11
bis(2-Chloroethyl)ether
Concen: 43.982 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 67686

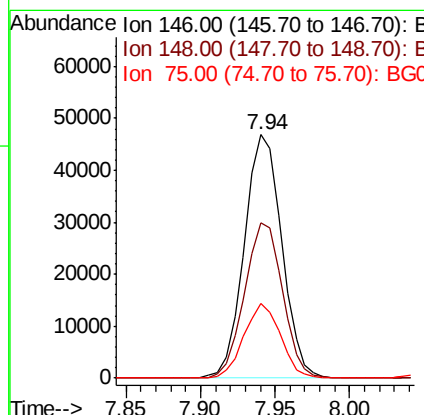
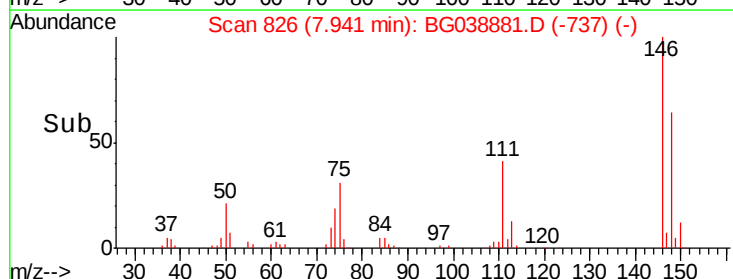
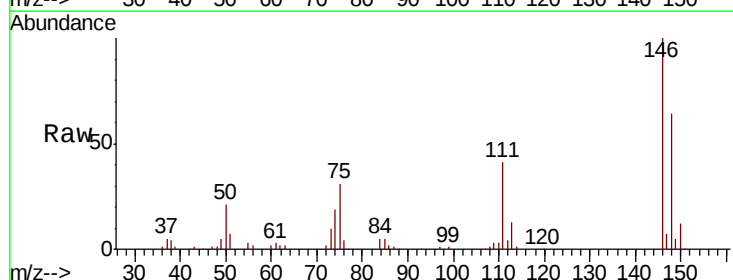
Ion	Ratio	Lower	Upper
93	100		
63	86.9	72.2	112.2
95	35.2	11.2	51.2

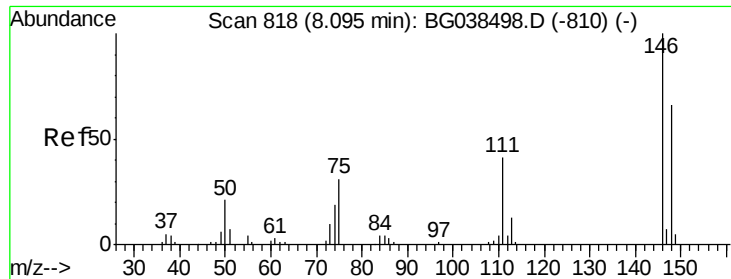


#12
1,3-Dichlorobenzene
Concen: 44.766 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion: 146 Resp: 81180

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
75	30.7	26.1	39.1

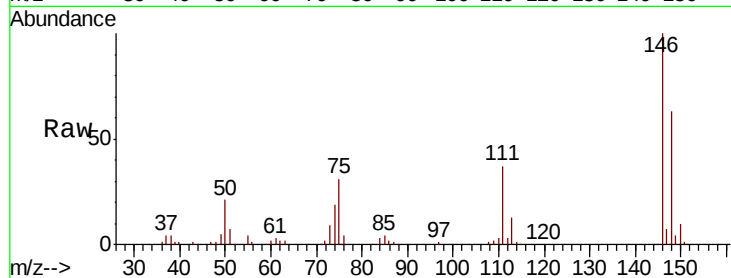




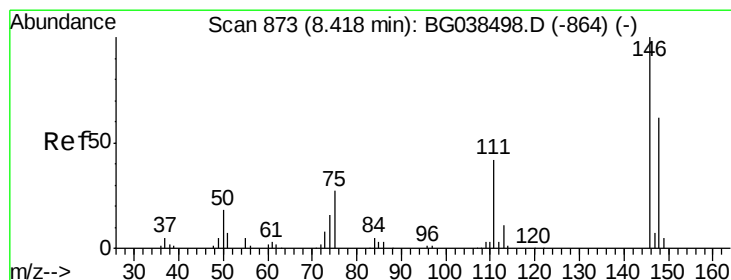
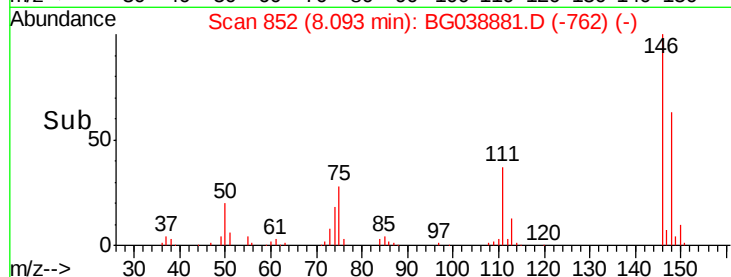
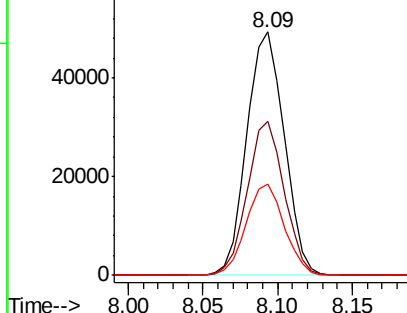
#13
 1,4-Dichlorobenzene
 Concen: 46.057 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 85541
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.4 78.6
 111 37.5 33.0 49.4

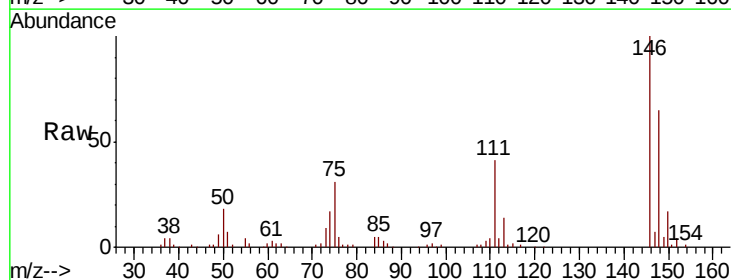


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

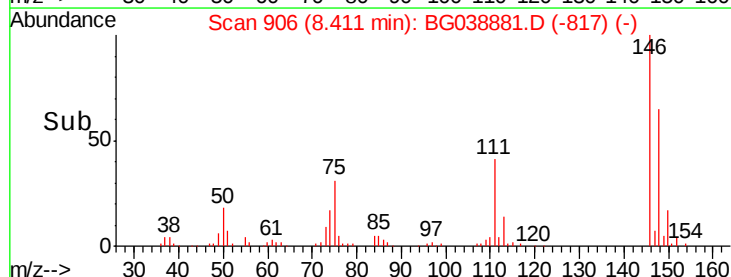
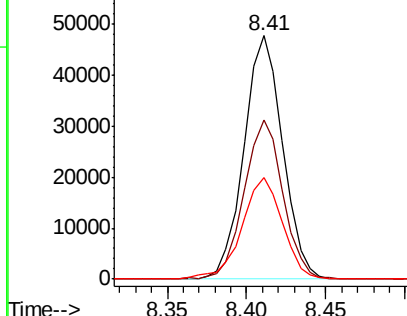


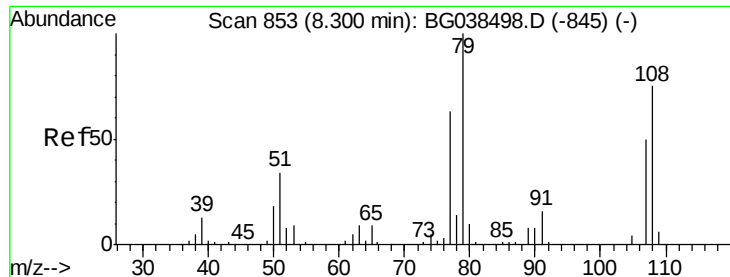
#14
 1,2-Dichlorobenzene
 Concen: 46.160 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion:146 Resp: 80823
 Ion Ratio Lower Upper
 146 100
 148 65.1 49.4 74.0
 111 41.5 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: 57.160 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampled :

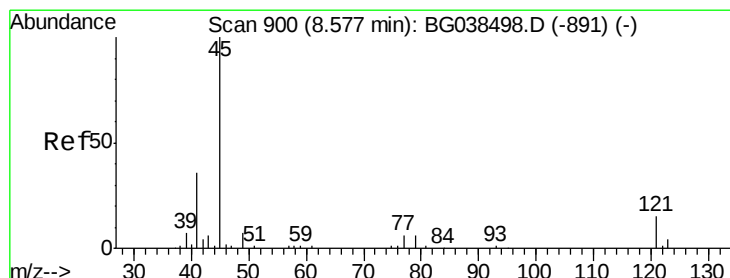
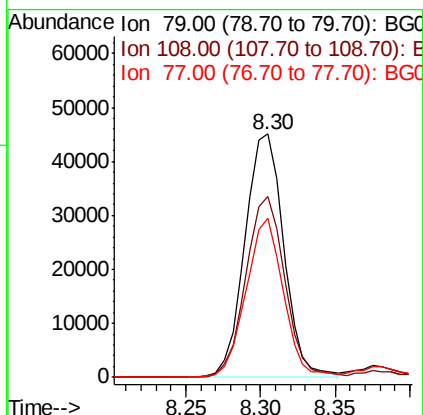
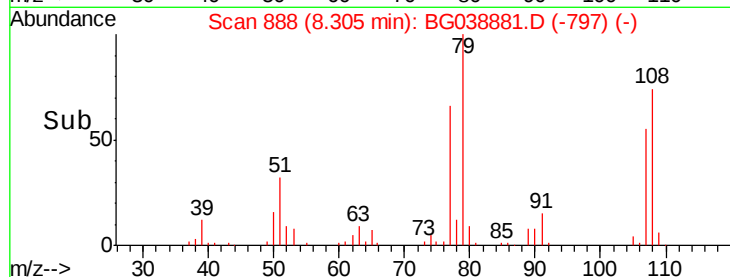
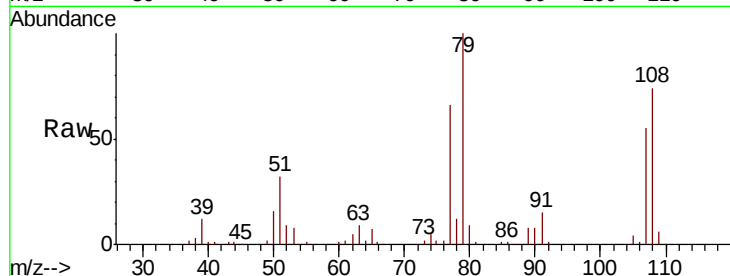
Tot Ion: 79 Resp: 81176

Ion Ratio Lower Upper

79 100

108 74.3 60.2 90.4

77 65.5 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.608 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

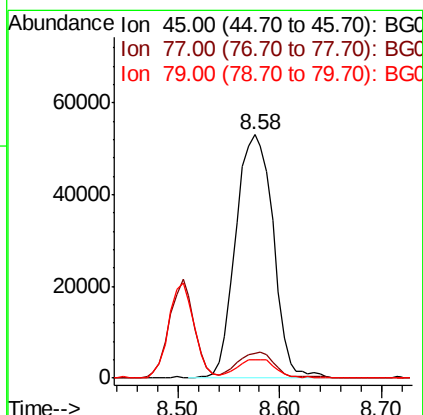
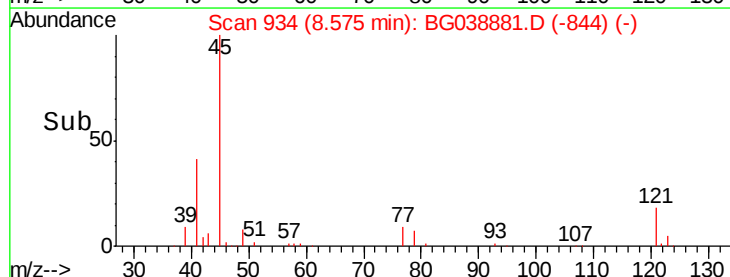
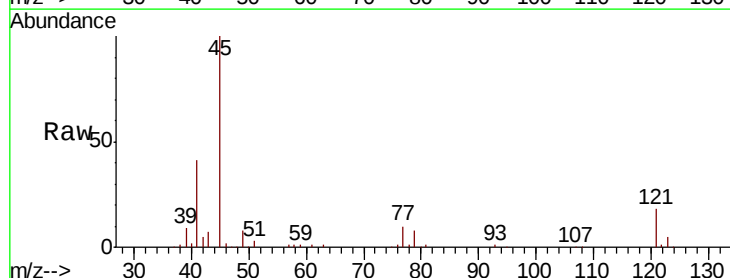
Tgt Ion: 45 Resp: 136108

Ion Ratio Lower Upper

45 100

77 10.0 0.0 28.2

79 7.7 0.0 27.2

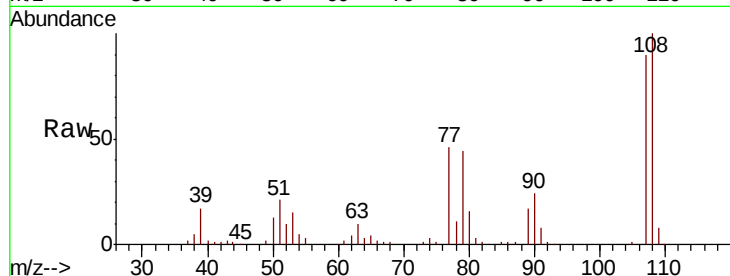




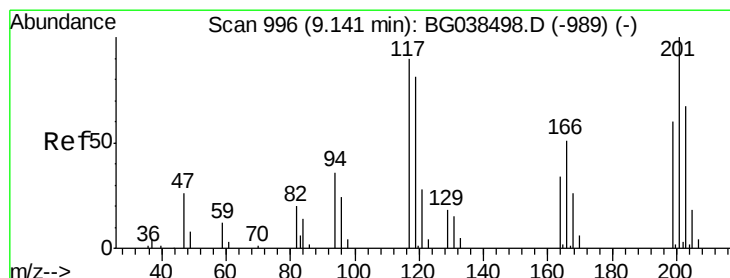
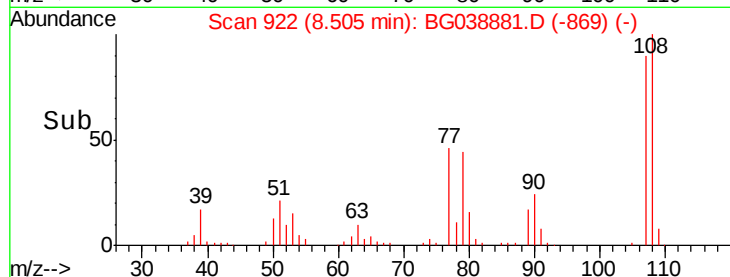
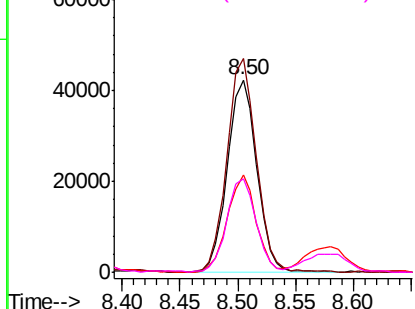
#17
2-Methylphenol
Concen: 57.717 ng
RT: 8.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 74747
Ion Ratio Lower Upper
107 100
108 111.2 87.1 130.7
77 50.8 42.0 63.0
79 49.0 38.2 57.2

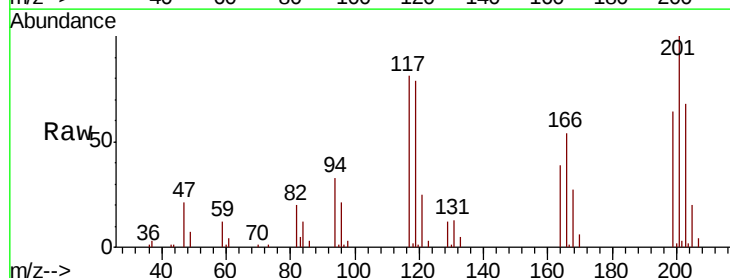


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

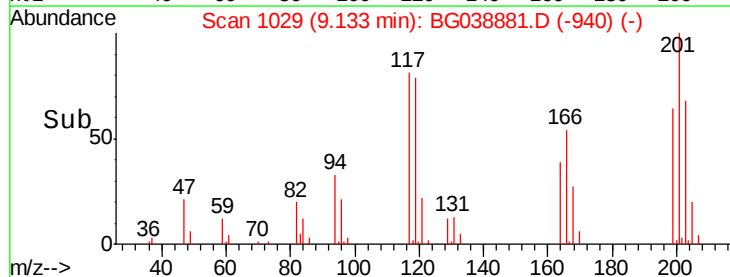
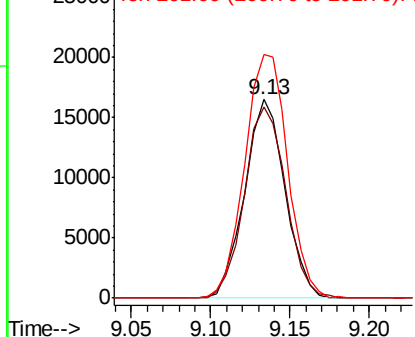


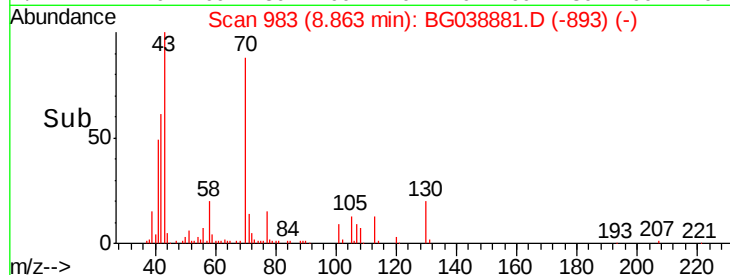
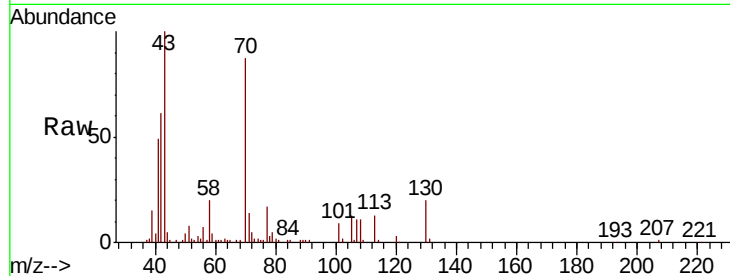
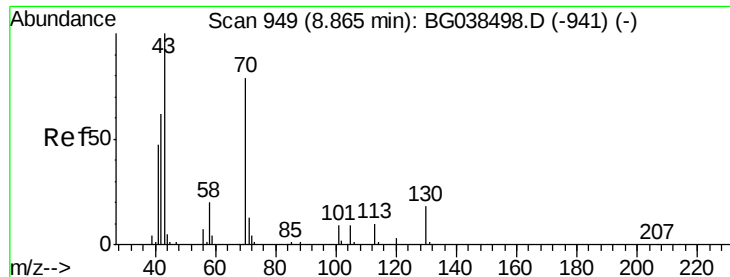
#18
Hexachloroethane
Concen: 42.897 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:117 Resp: 29113
Ion Ratio Lower Upper
117 100
119 96.7 73.8 110.8
201 126.4 89.4 134.0



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

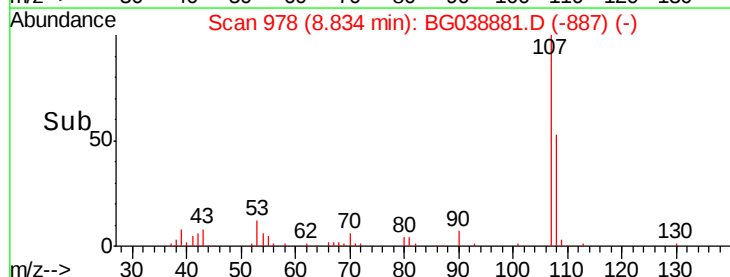
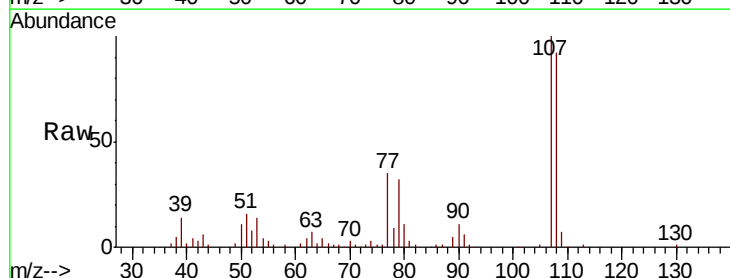
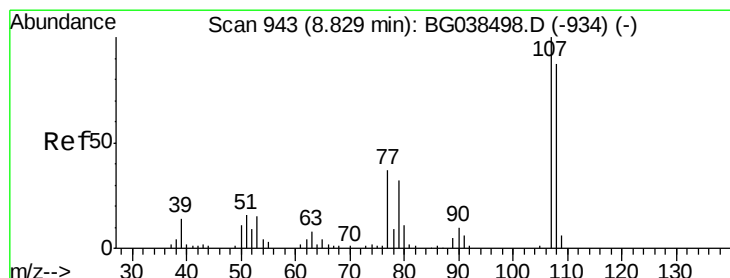
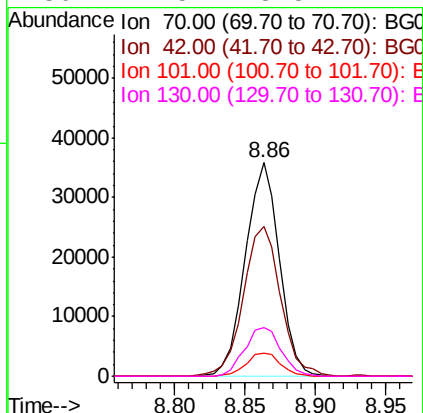




#19
n-Nitroso-di-n-propylamine
Concen: 47.397 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

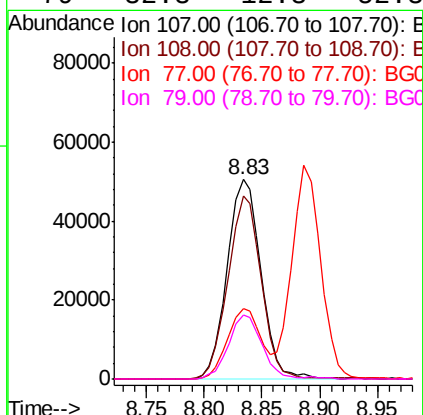
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	60568
Ion	Ratio	Lower	Upper
70	100		
42	69.9	63.6	95.4
101	10.7	9.2	13.8
130	22.5	18.5	27.7



#20
3+4-Methylphenols
Concen: 57.340 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:	107	Resp:	102556
Ion	Ratio	Lower	Upper
107	100		
108	91.9	66.7	106.7
77	35.3	17.3	57.3
79	32.3	12.3	52.3

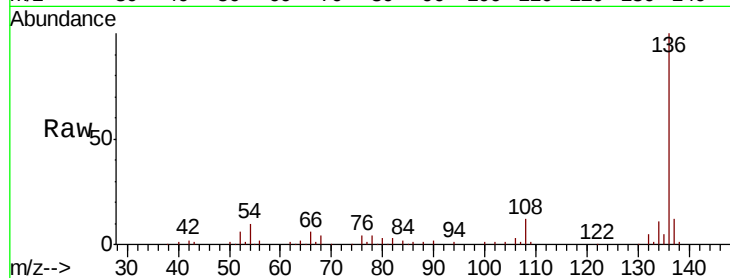




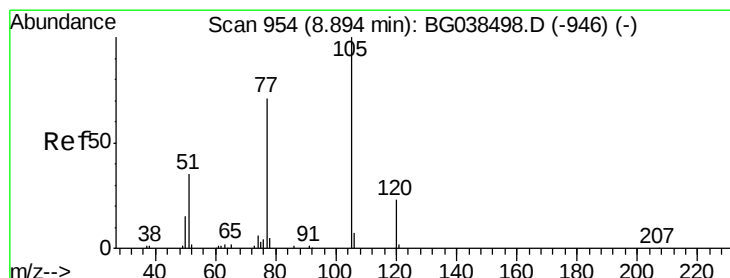
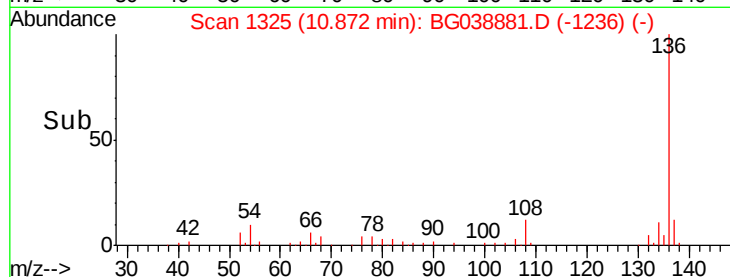
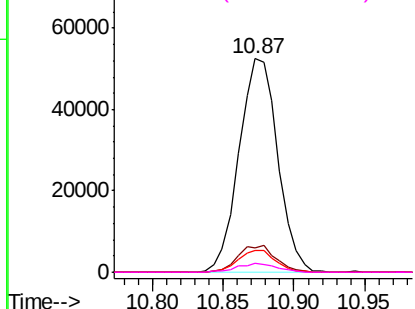
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	100845
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.3 13.9
54	10.3	8.5 12.7
68	4.3	3.5 5.3

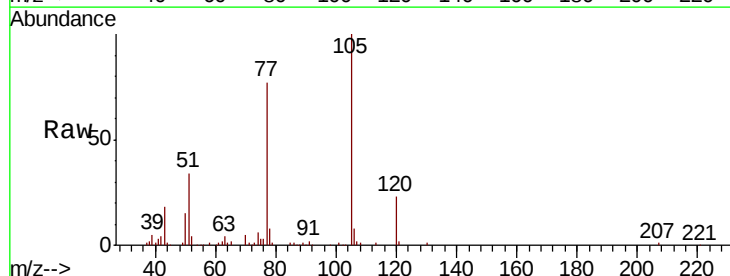


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

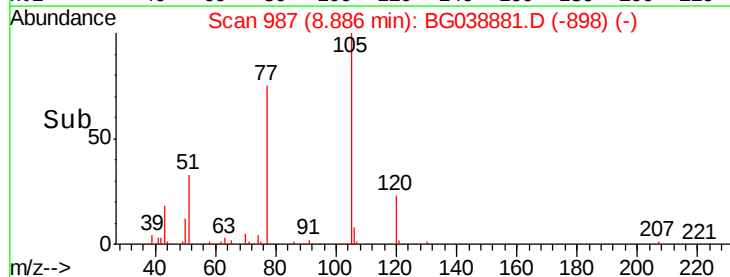
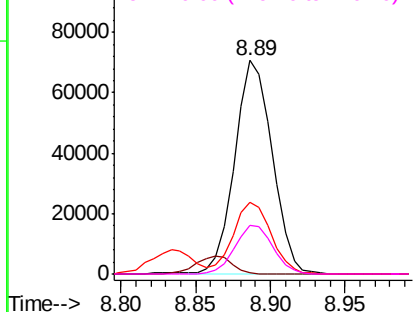


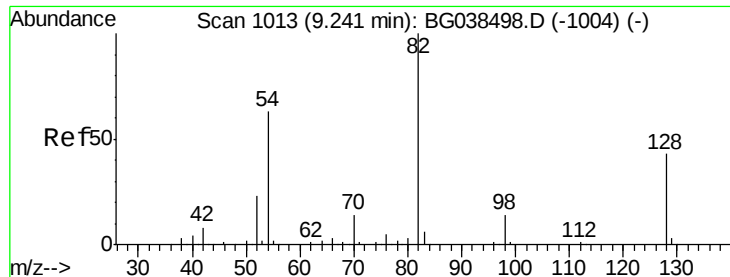
#22
Acetophenone
Concen: 49.067 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:105	Resp:	123596
Ion Ratio	Lower	Upper
105	100	
71	0.9	0.4 0.6#
51	33.5	30.6 46.0
120	22.5	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 95.320 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

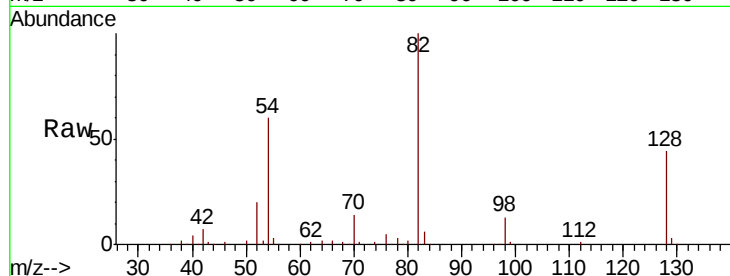
Tot Ion: 82 Resp: 188160

Ion Ratio Lower Upper

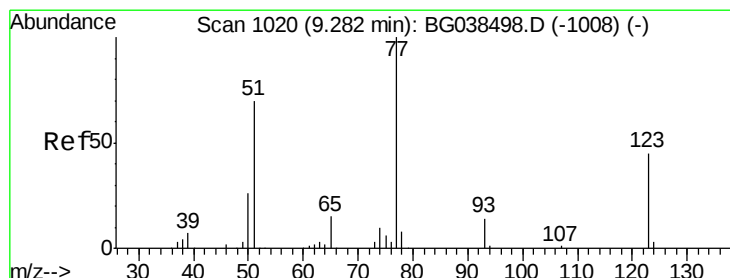
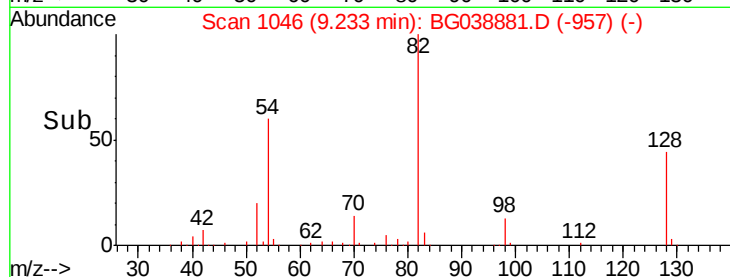
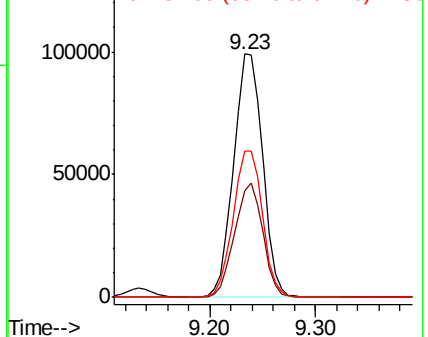
82 100

128 43.7 34.6 52.0

54 60.0 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: 47.232 ng

RT: 9.28 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

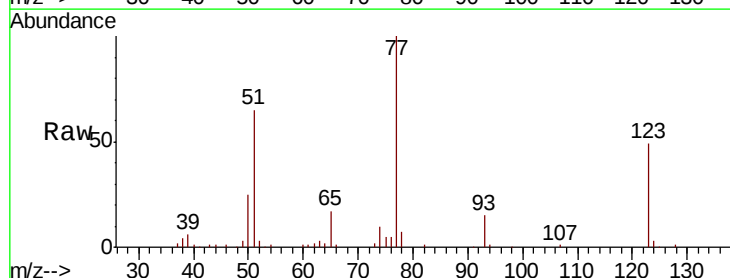
Tgt Ion: 77 Resp: 94320

Ion Ratio Lower Upper

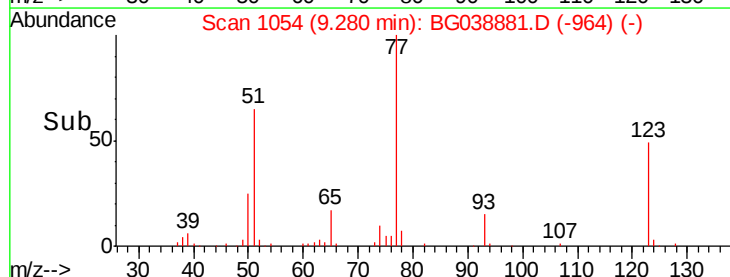
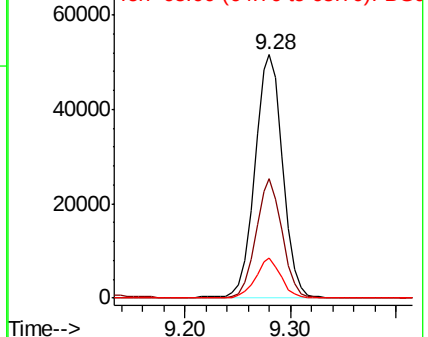
77 100

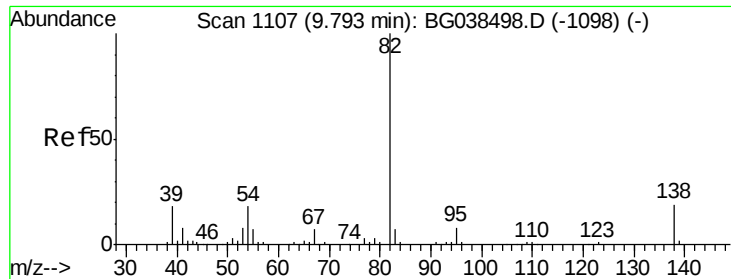
123 49.3 35.9 53.9

65 16.6 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

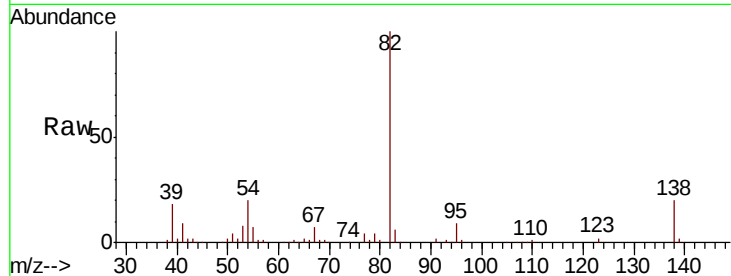




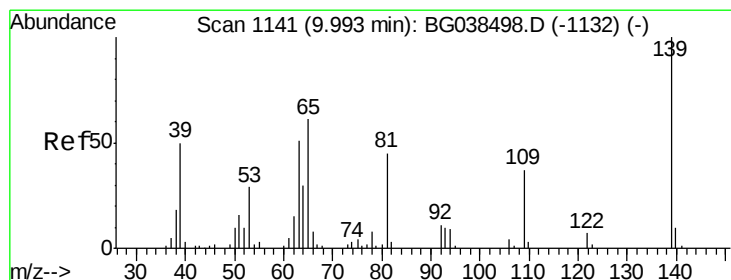
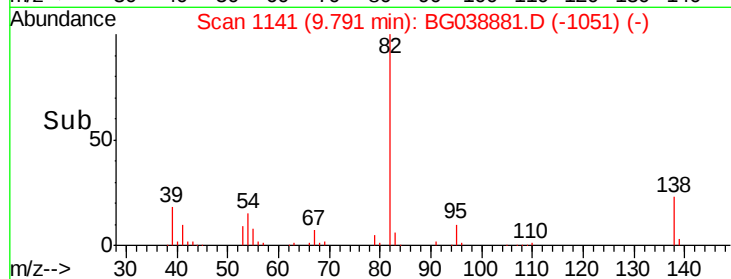
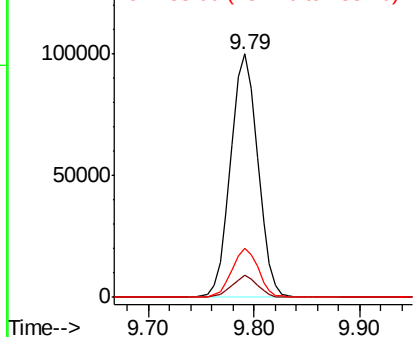
#25
Isophorone
Concen: 50.112 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 177729
Ion Ratio Lower Upper
82 100
95 9.4 6.1 9.1#
138 20.4 14.9 22.3

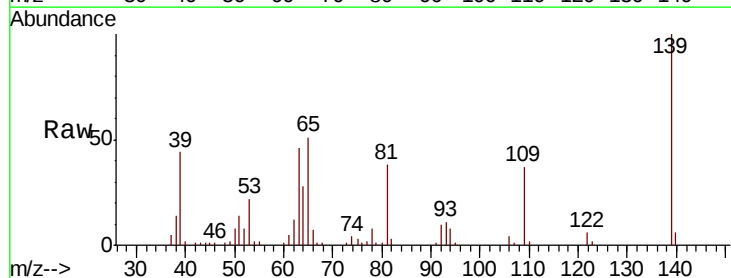


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

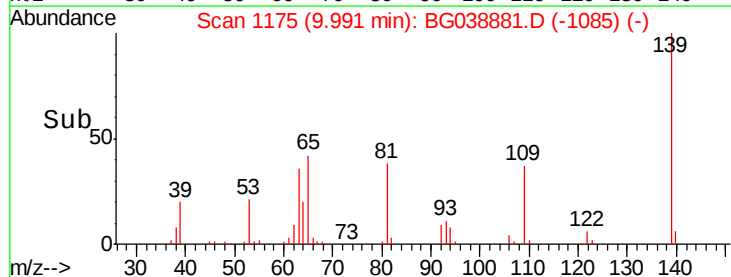
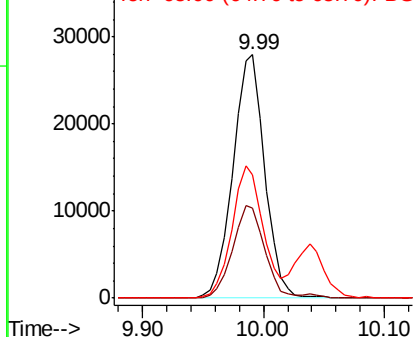


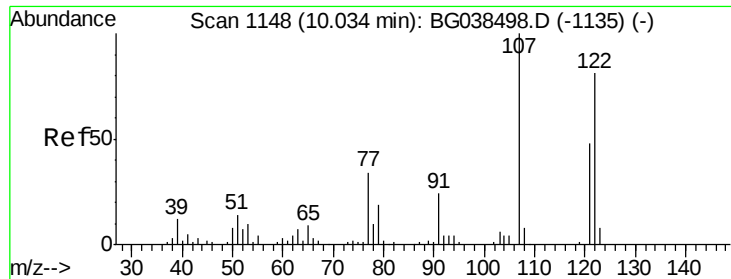
#26
2-Nitrophenol
Concen: 50.024 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion: 139 Resp: 51128
Ion Ratio Lower Upper
139 100
109 37.0 29.5 44.3
65 50.9 48.5 72.7



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

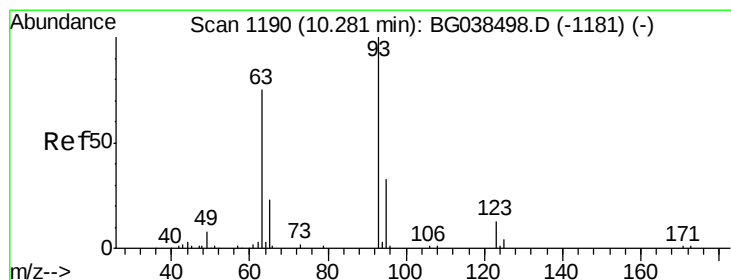
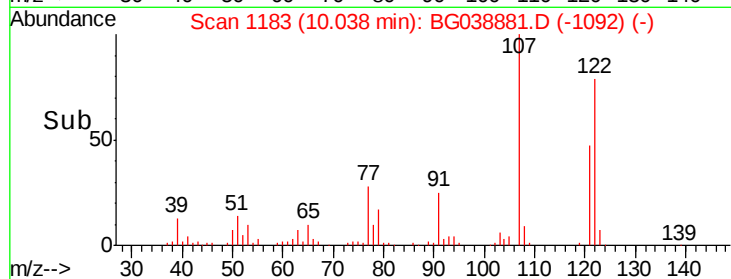
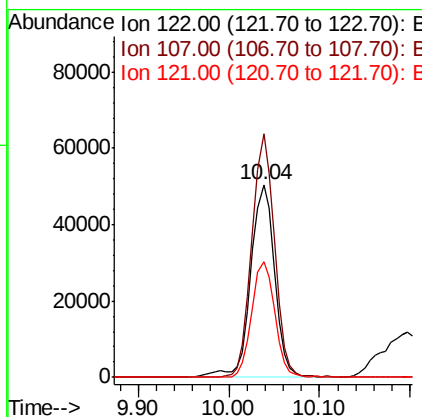
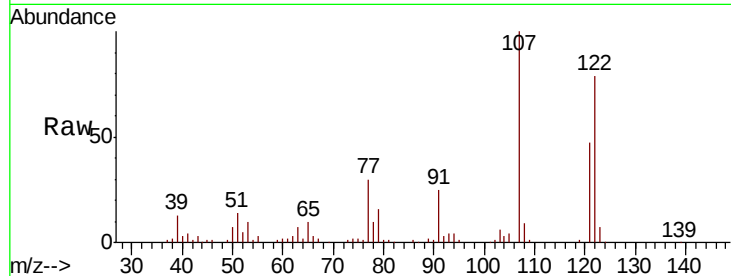




#27
 2,4-Dimethylphenol
 Concen: 63.279 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

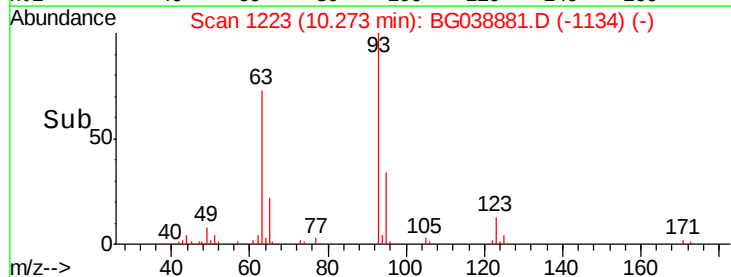
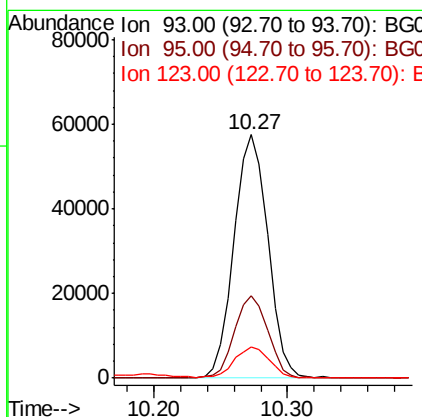
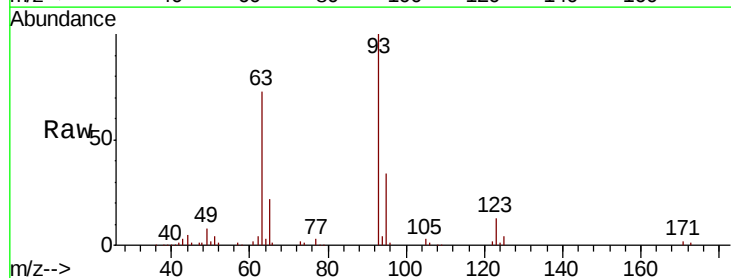
Instrument :
 BNA_G
 ClientSampleId :

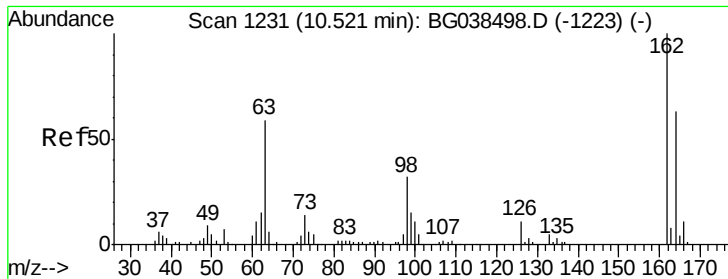
Tot Ion:122 Resp: 92690
 Ion Ratio Lower Upper
 122 100
 107 126.6 98.4 147.6
 121 59.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.712 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion: 93 Resp: 101500
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.6 40.0
 123 12.7 10.6 16.0

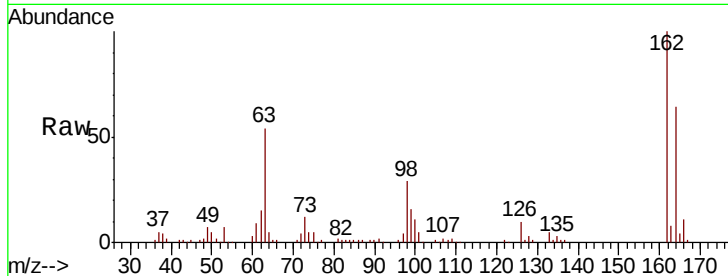




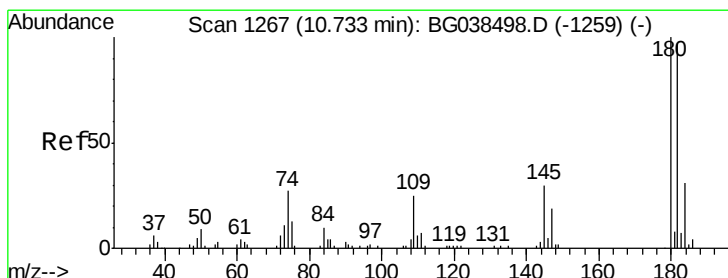
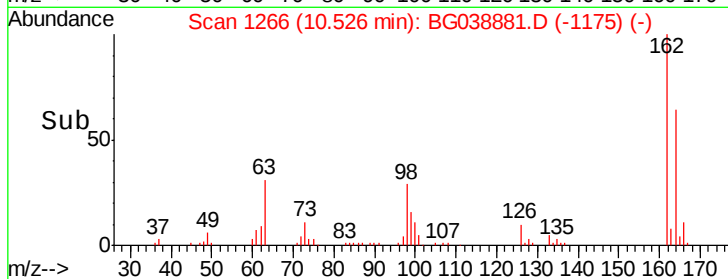
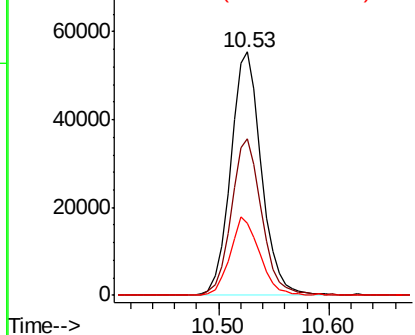
#29
 2,4-Dichlorophenol
 Concen: 66.470 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.9	82.9
98	29.4	12.1	52.1

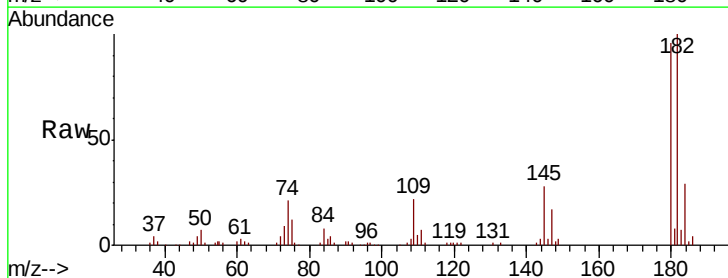


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

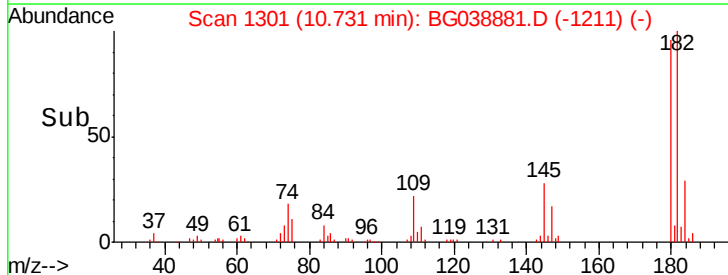
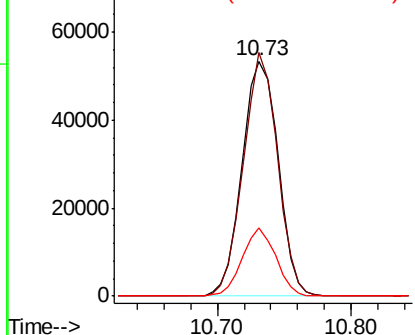


#30
 1,2,4-Trichlorobenzene
 Concen: 50.782 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.7	77.4	116.0
145	29.3	24.1	36.1



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

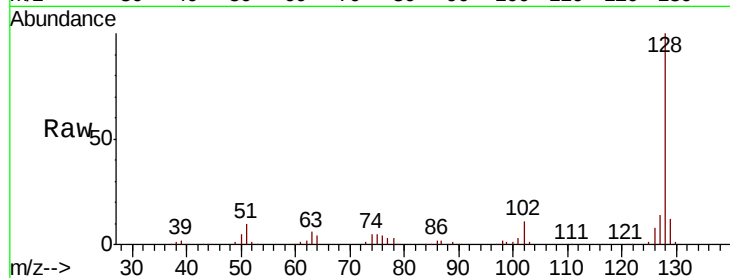




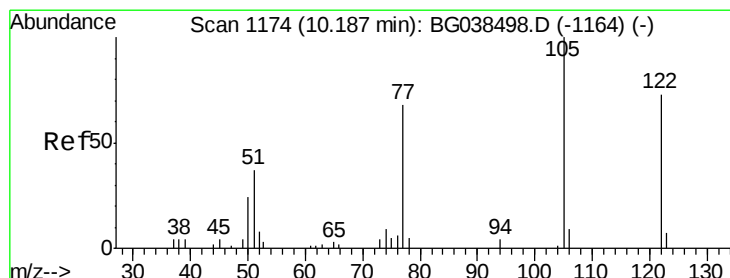
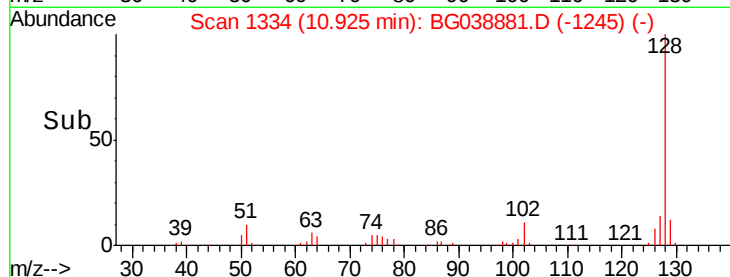
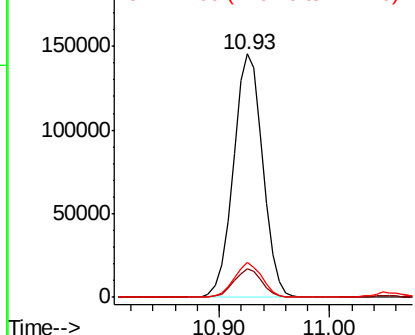
#31
Naphthalene
Concen: 54.375 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 270172
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 14.2 10.9 16.3

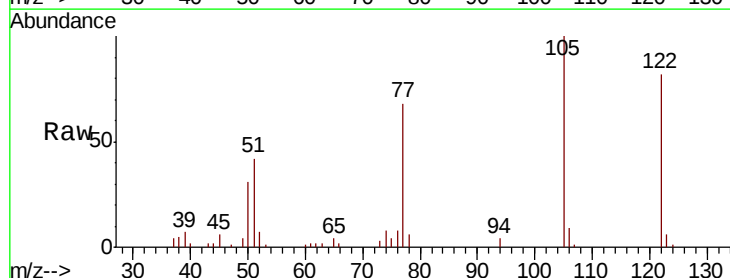


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

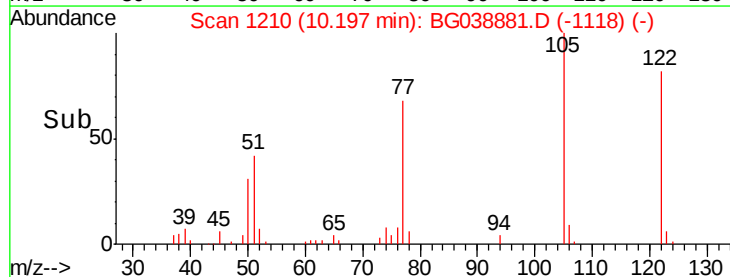
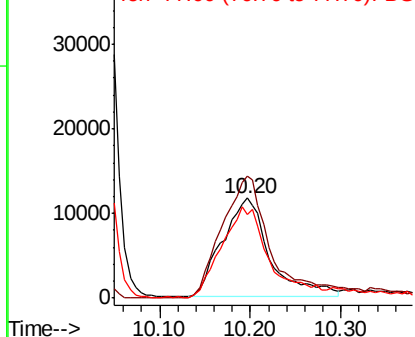


#32
Benzoic acid
Concen: 46.202 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:122 Resp: 42537
Ion Ratio Lower Upper
122 100
105 122.4 116.7 156.7
77 83.6 72.5 112.5



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

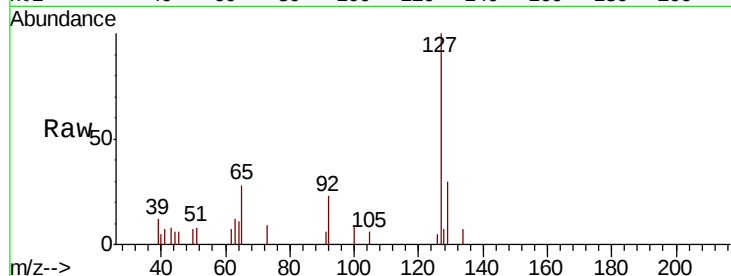




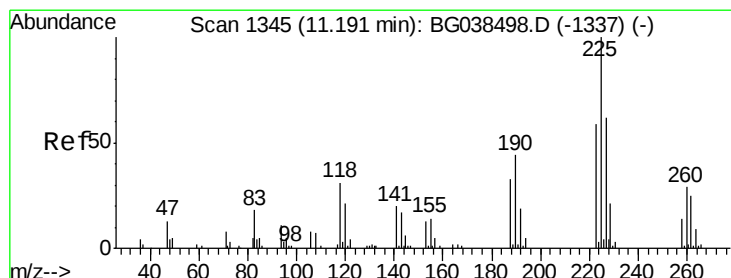
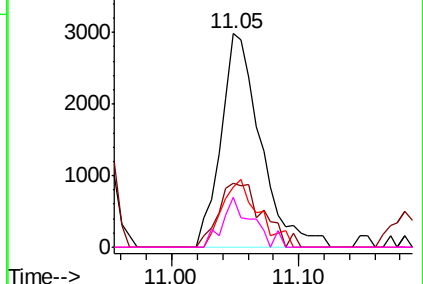
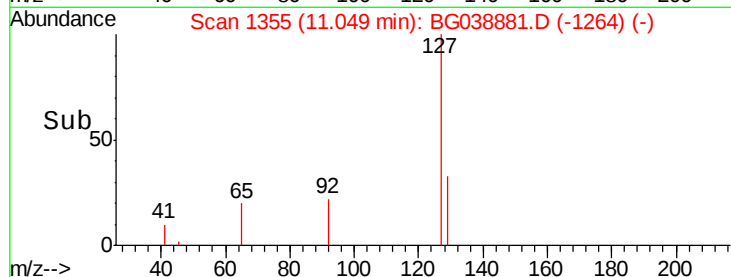
#33
4-Chloroaniline
Concen: 2.989 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp: 6447
Ion Ratio	Lower Upper
127 100	
129 30.2	25.8 38.8
65 28.3	27.8 41.6
92 23.4	17.0 25.6

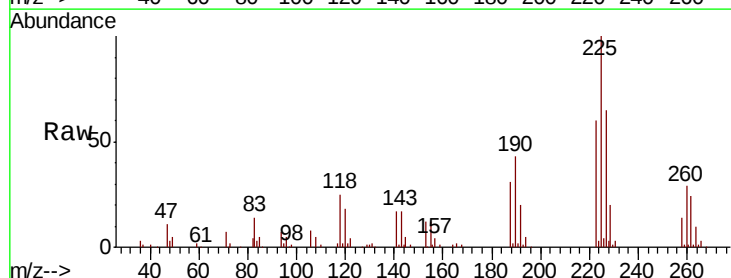


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

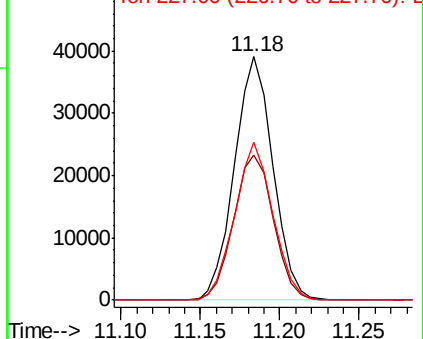
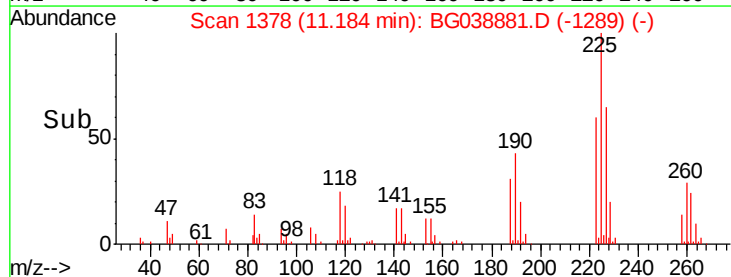


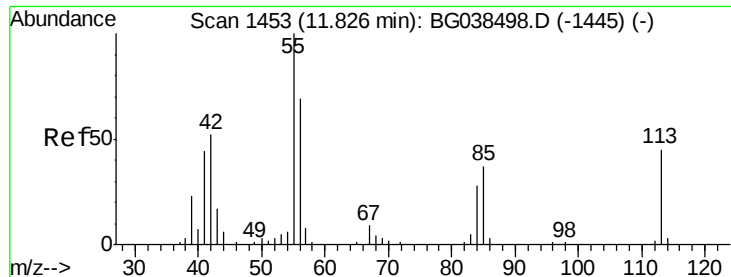
#34
Hexachlorobutadiene
Concen: 49.579 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:225	Resp: 66034
Ion Ratio	Lower Upper
225 100	
223 57.2	45.0 67.6
227 62.3	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: 29.636 ng

RT: 11.84 min Scan# 1490

Delta R.T. 0.02 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampled :

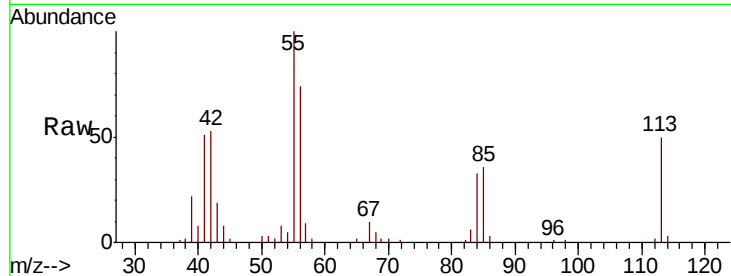
Tot Ion:113 Resp: 19986

Ion Ratio Lower Upper

113 100

55 200.1 204.3 244.3#

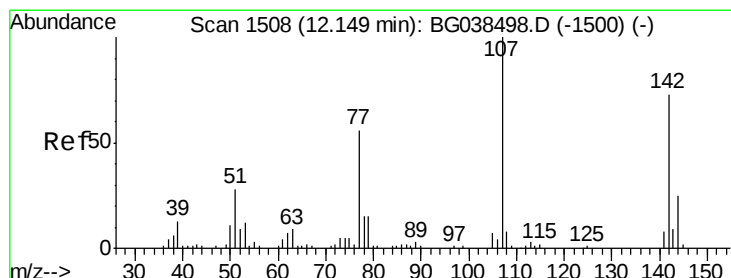
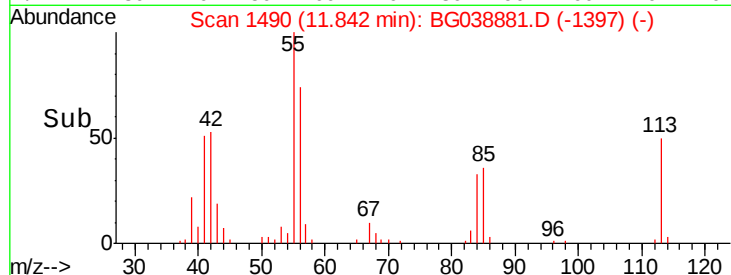
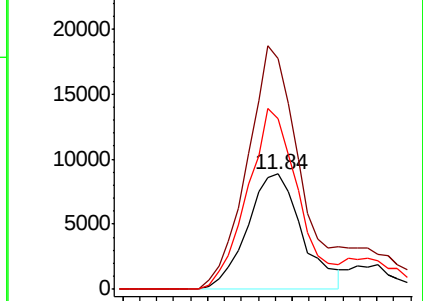
56 147.6 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 61.545 ng

RT: 12.16 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

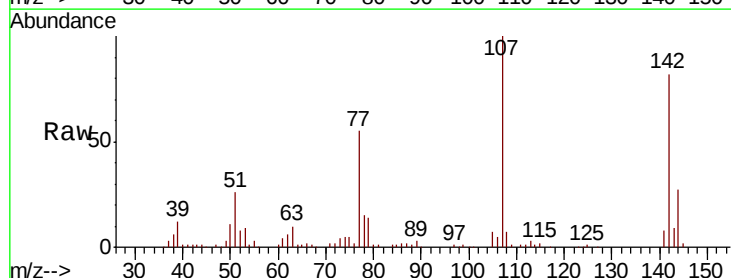
Tgt Ion:107 Resp: 114449

Ion Ratio Lower Upper

107 100

144 27.1 20.1 30.1

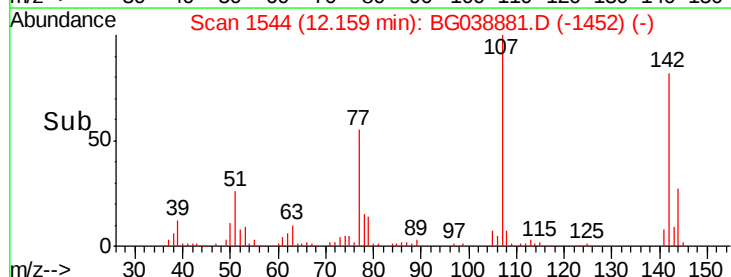
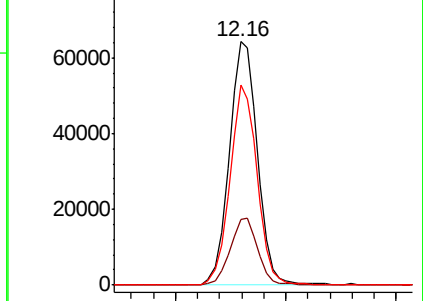
142 82.2 58.7 88.1

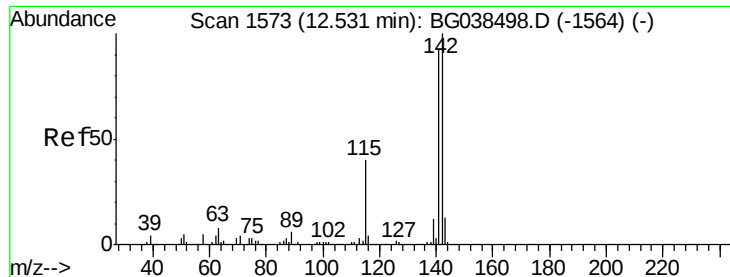


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

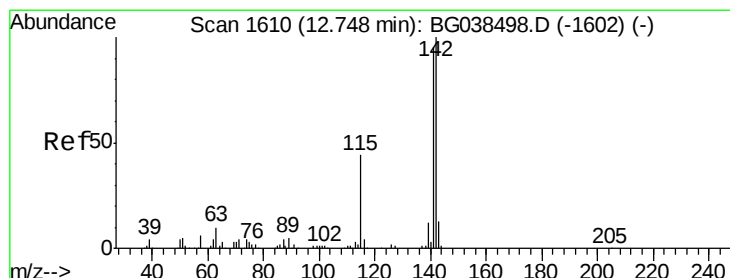
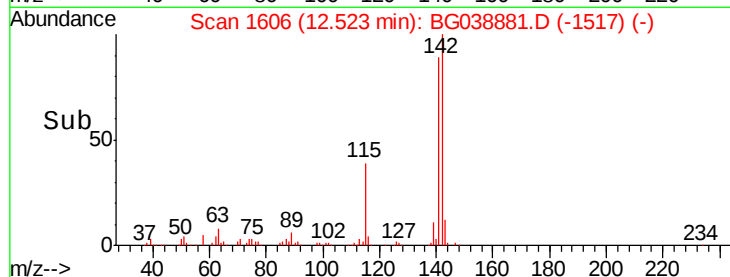
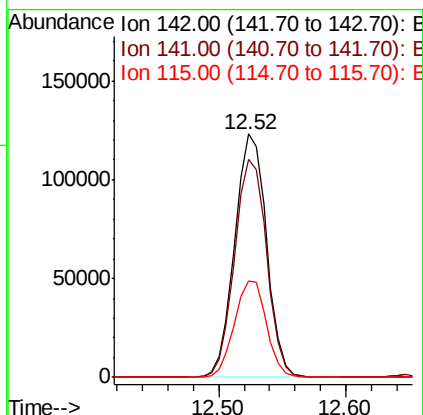
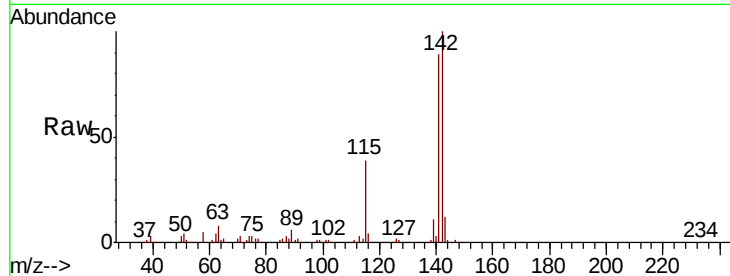




#37
2-Methylnaphthalene
Concen: 60.193 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

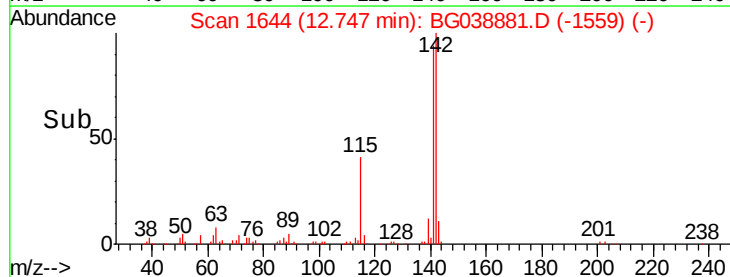
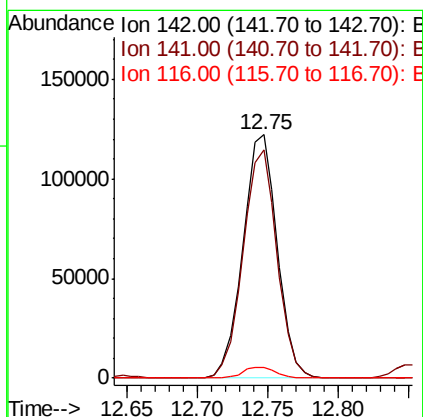
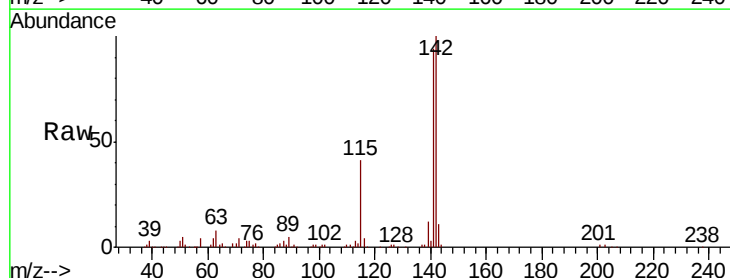
Instrument :
BNA_G
ClientSampleId :

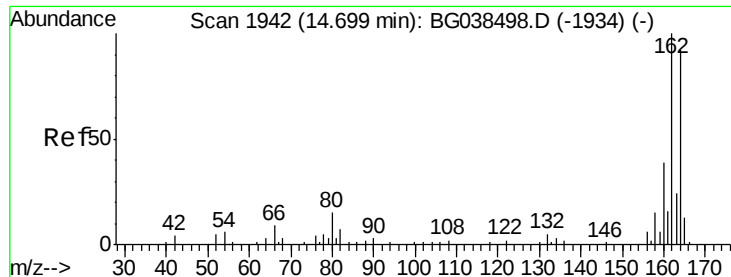
Tot Ion:142 Resp: 213371
Ion Ratio Lower Upper
142 100
141 89.3 73.5 110.3
115 39.4 31.7 47.5



#38
1-Methylnaphthalene
Concen: 60.209 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:142 Resp: 207105
Ion Ratio Lower Upper
142 100
141 94.0 75.8 113.8
116 4.1 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

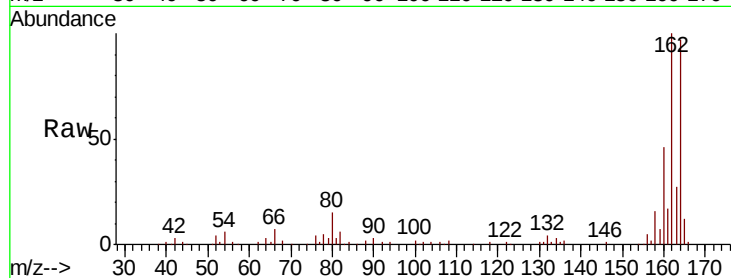
Tot Ion:164 Resp: 76912

Ion Ratio Lower Upper

164 100

162 103.6 86.6 130.0

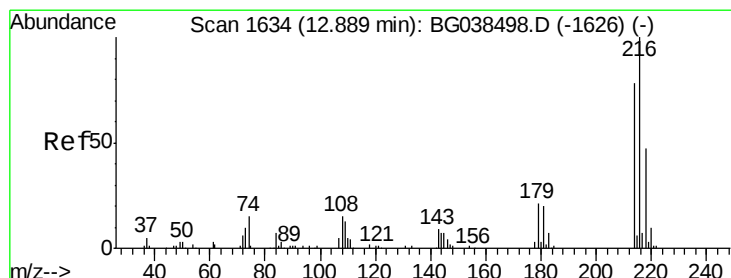
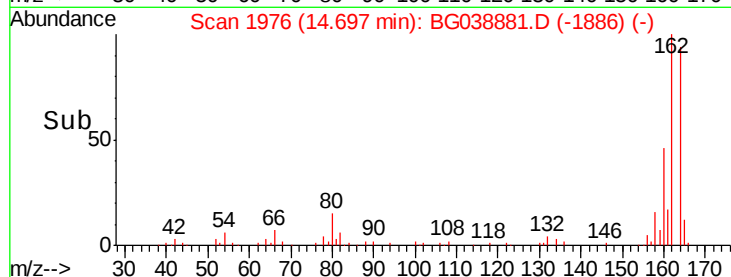
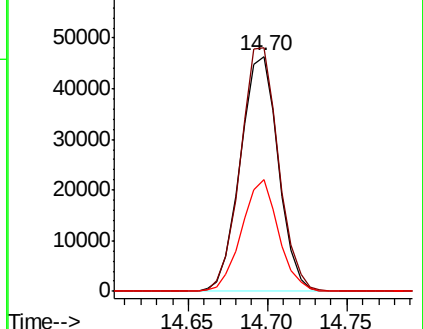
160 47.8 34.2 51.2



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: 46.557 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Tgt Ion:216 Resp: 133848

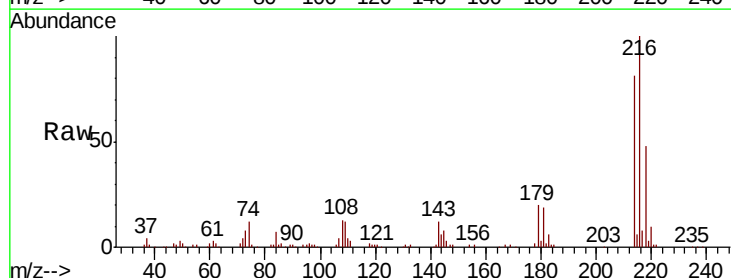
Ion Ratio Lower Upper

216 100

214 80.1 64.1 96.1

179 19.9 16.4 24.6

108 15.6 13.9 20.9

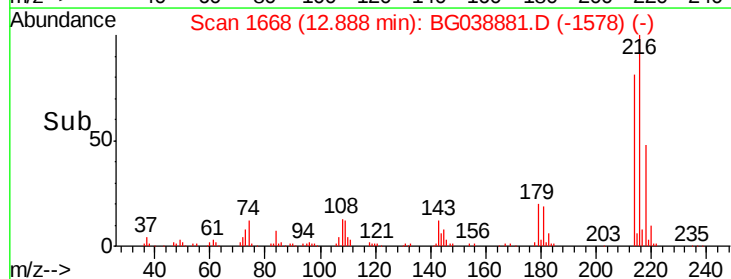
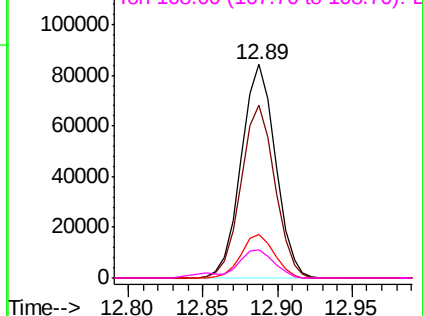


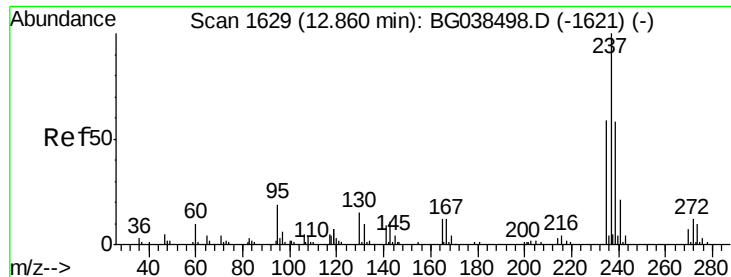
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.930 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

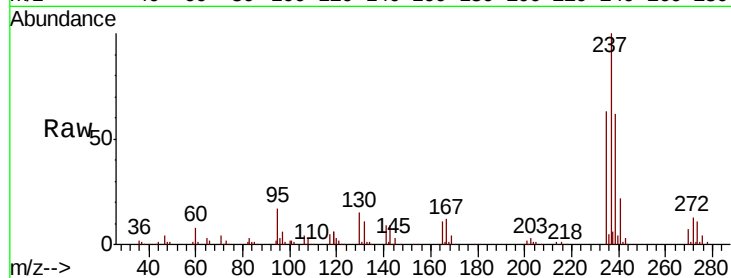
Tot Ion:237 Resp: 110453

Ion Ratio Lower Upper

237 100

235 63.2 38.8 78.8

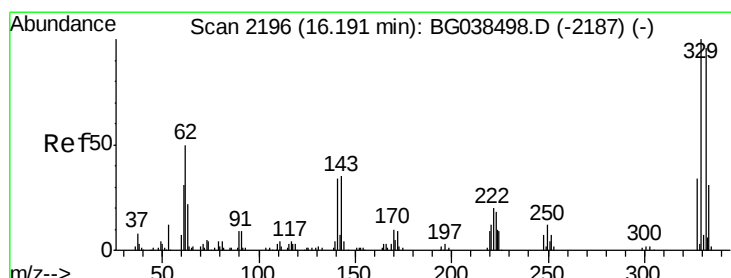
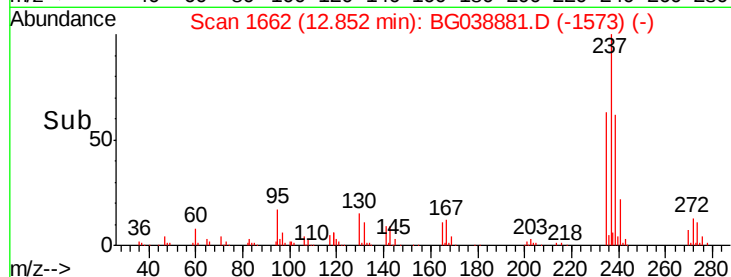
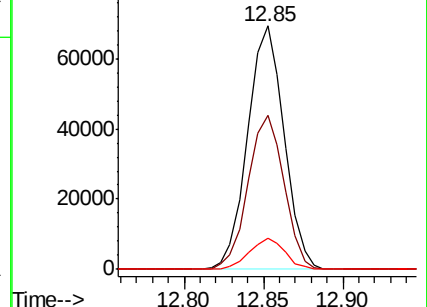
272 12.6 0.0 32.0



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: 182.624 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

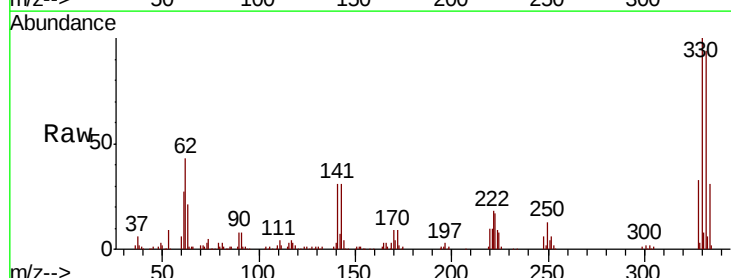
Tgt Ion:330 Resp: 193579

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

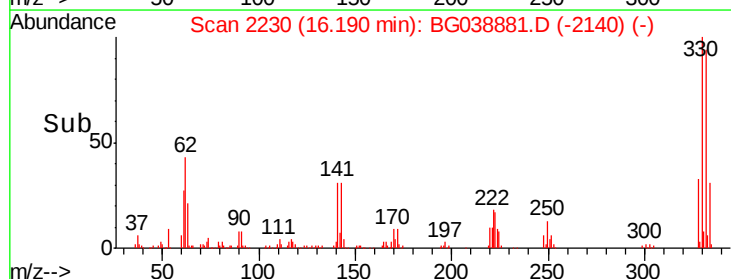
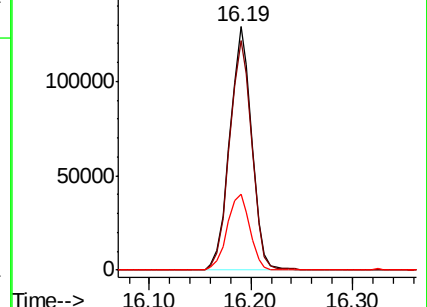
141 32.2 28.8 43.2



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

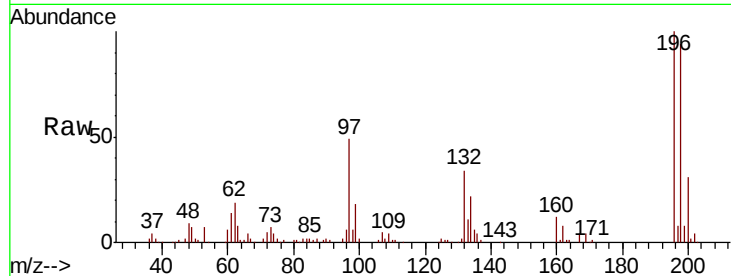




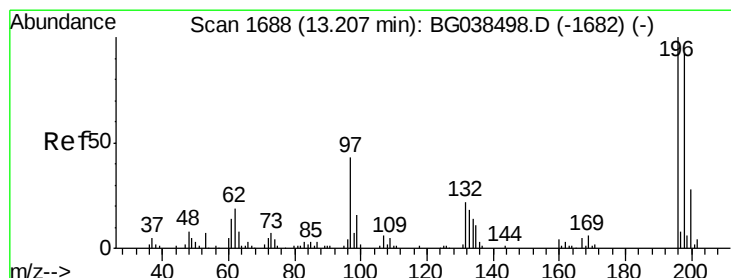
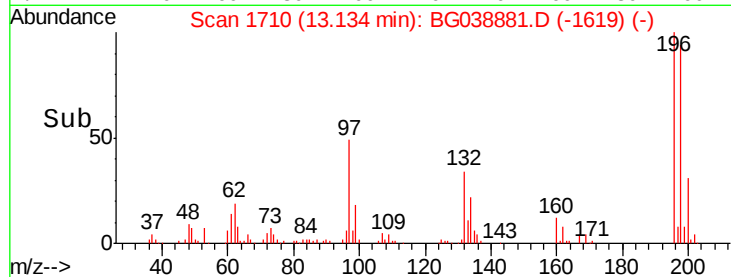
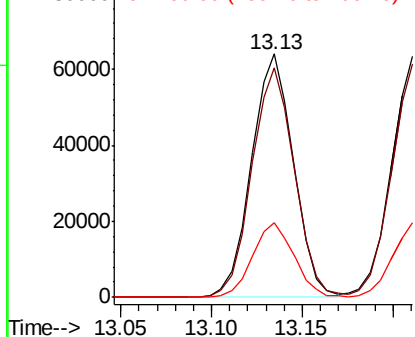
#43
 2,4,6-Trichlorophenol
 Concen: 58.225 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 102924
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.0 112.4
 200 30.6 22.4 33.6

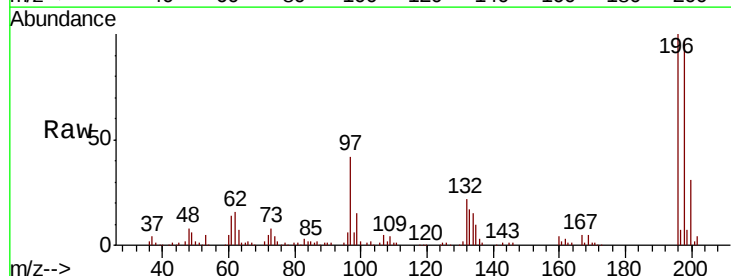


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

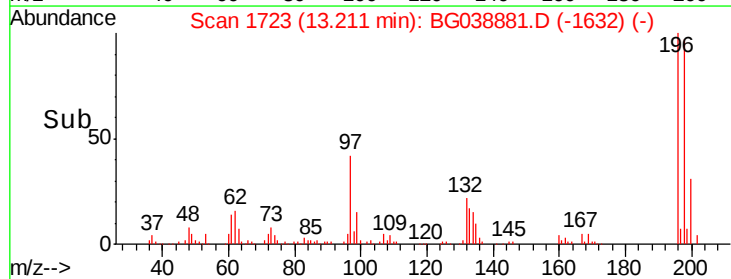
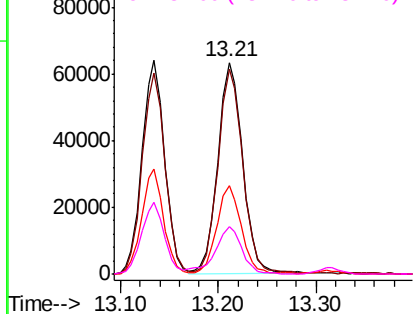


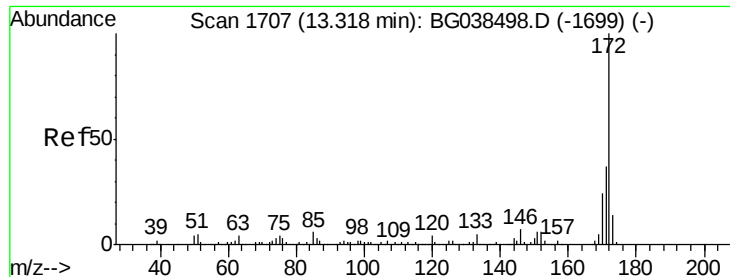
#44
 2,4,5-Trichlorophenol
 Concen: 59.793 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion:196 Resp: 111907
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.0 111.0
 97 41.5 35.1 52.7
 132 22.5 18.0 27.0



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

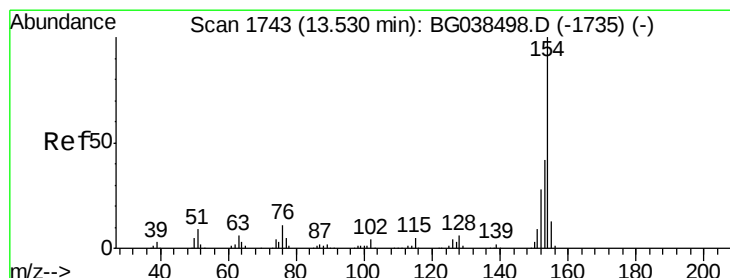
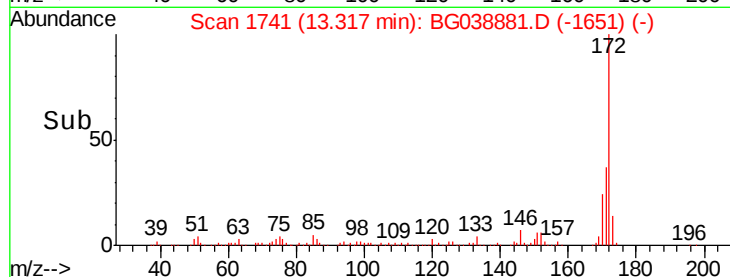
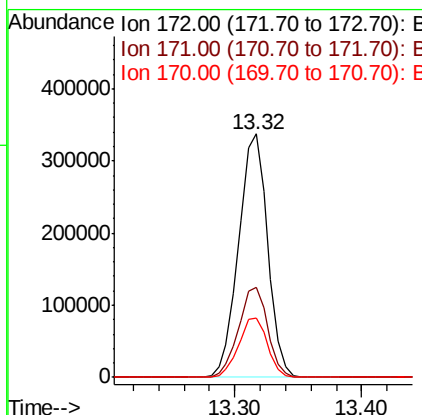
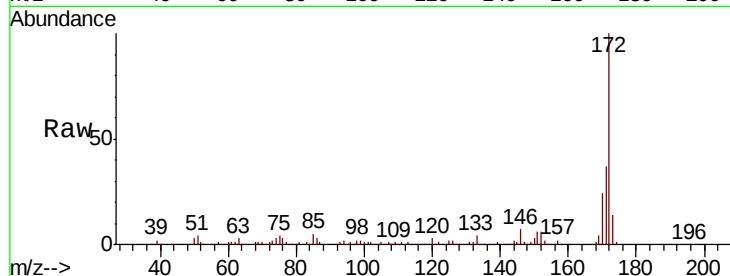




#45
 2-Fluorobiphenyl
 Concen: 95.047 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

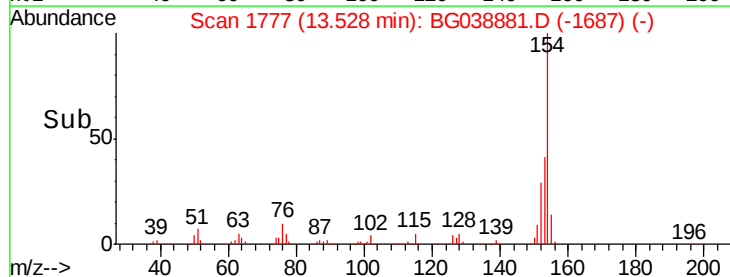
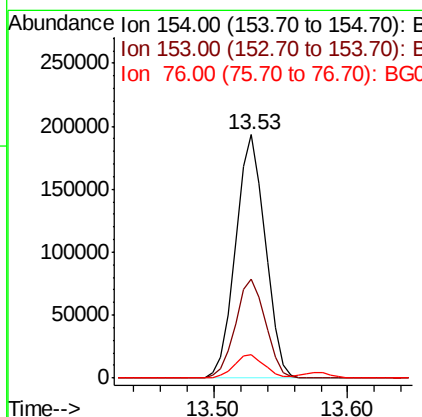
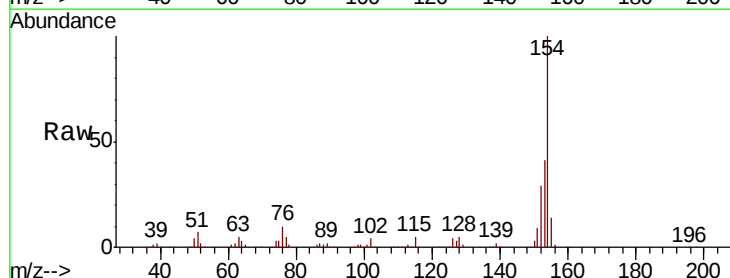
Instrument :
 BNA_G
 ClientSampleId :

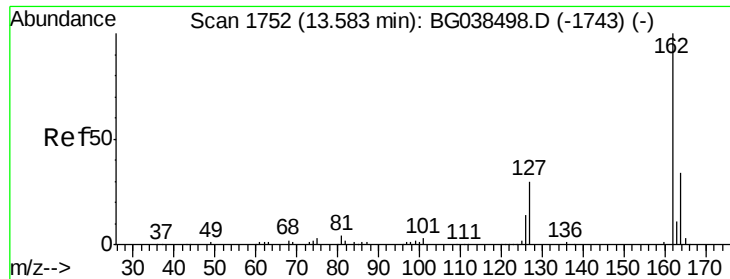
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.1	19.5	29.3



#46
 1,1'-Biphenyl
 Concen: 46.011 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.1	62.1
76	9.7	0.0	31.2

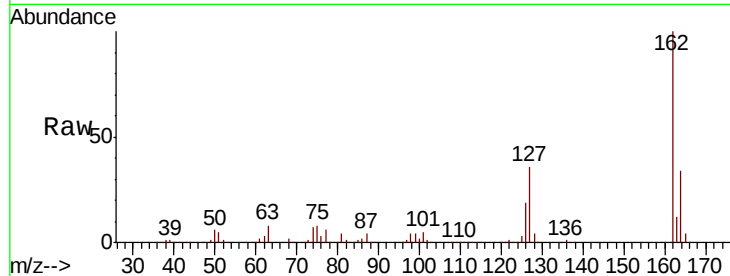




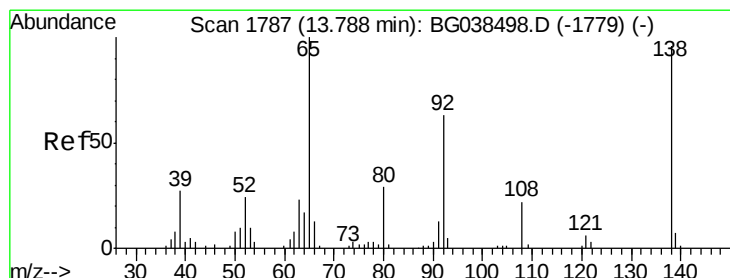
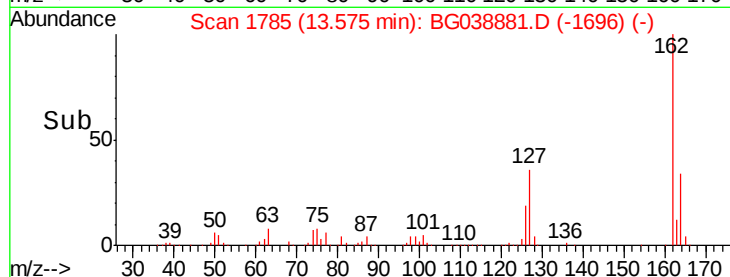
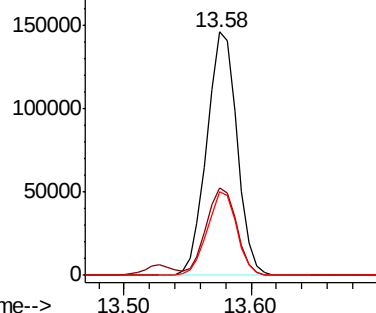
#47
 2-Chloronaphthalene
 Concen: 48.445 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.9	27.8	41.8
164	34.3	26.9	40.3

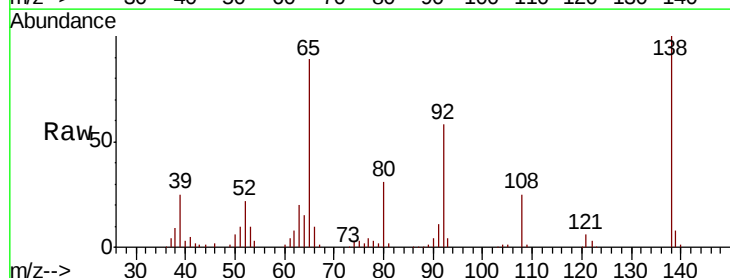


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

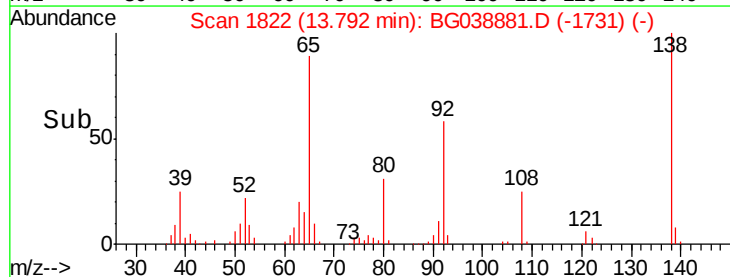
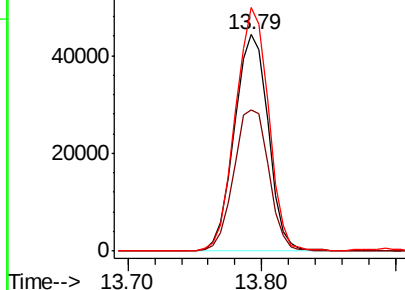


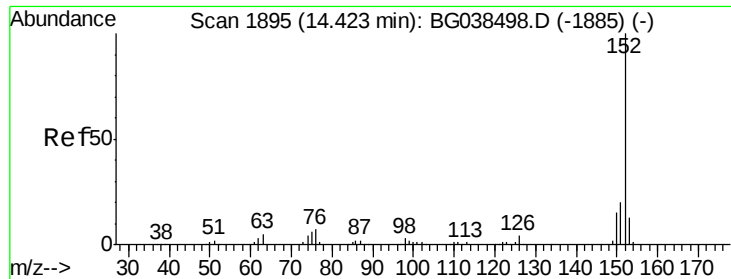
#48
 2-Nitroaniline
 Concen: 49.036 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	50.0	75.0
138	112.4	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: 53.343 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

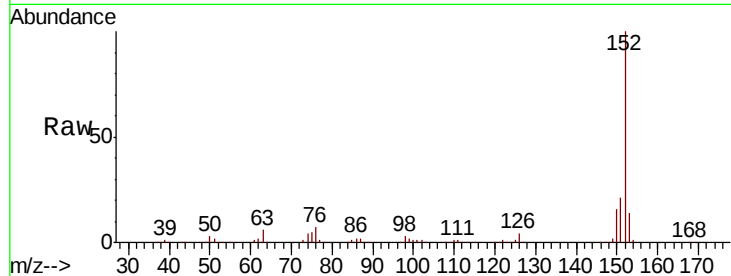
Tot Ion:152 Resp: 397172

Ion Ratio Lower Upper

152 100

151 21.3 16.4 24.6

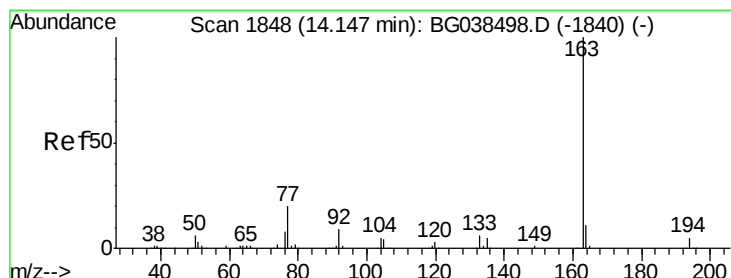
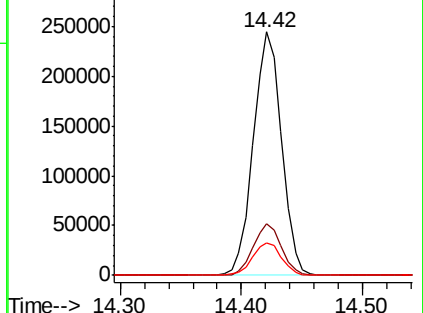
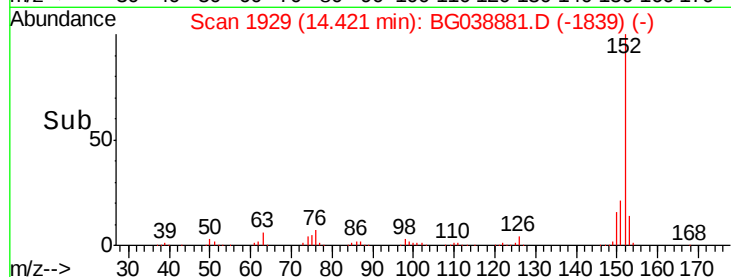
153 13.5 10.4 15.6



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: 52.531 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

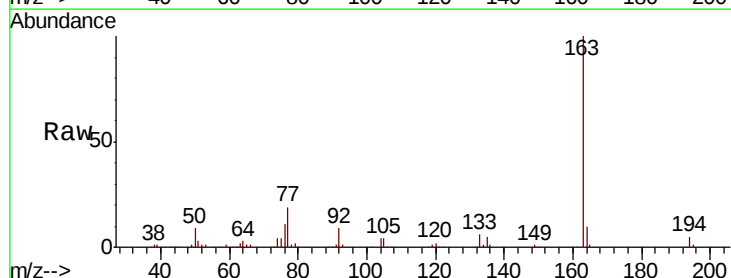
Tgt Ion:163 Resp: 329944

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

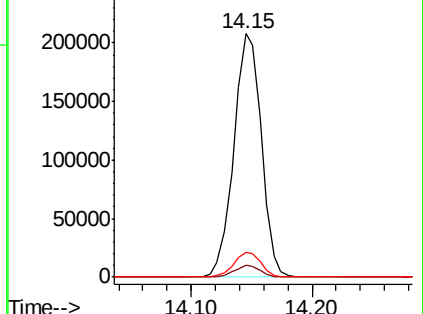
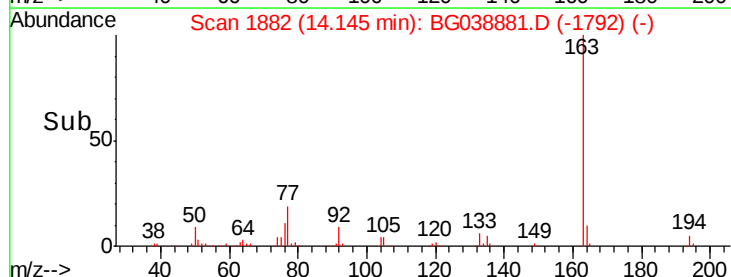
164 10.4 8.6 12.8

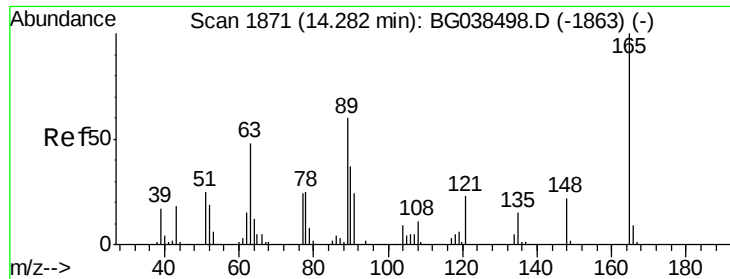


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

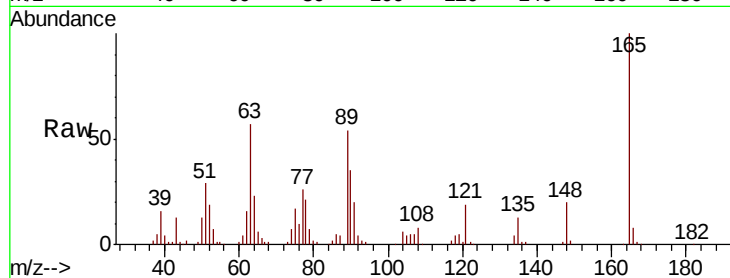




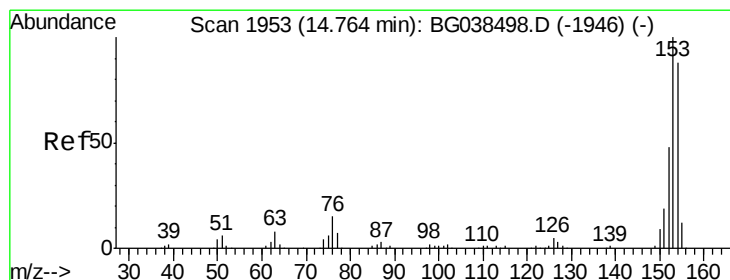
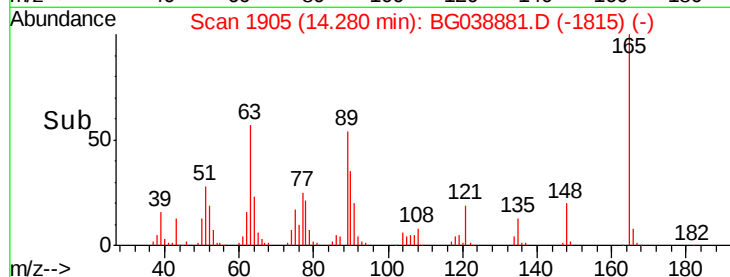
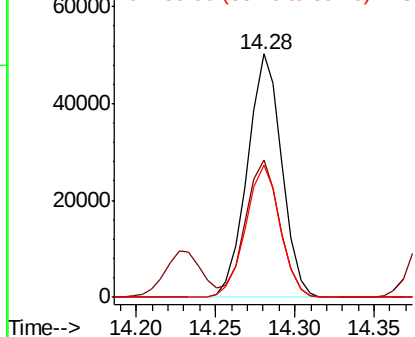
#51
2,6-Dinitrotoluene
Concen: 53.115 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 75602
Ion Ratio Lower Upper
165 100
63 56.6 51.8 77.6
89 54.4 47.9 71.9

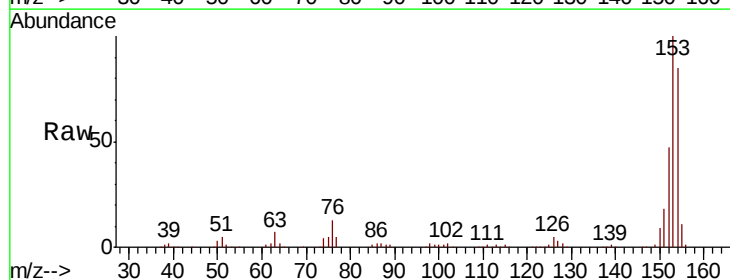


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

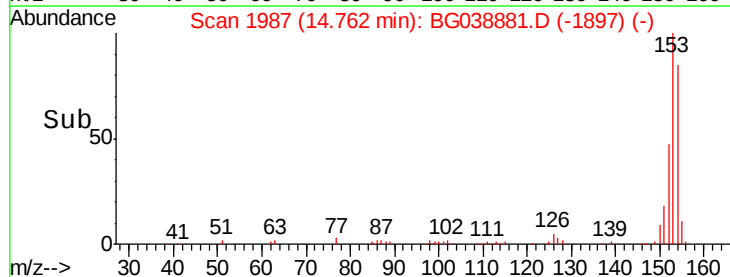
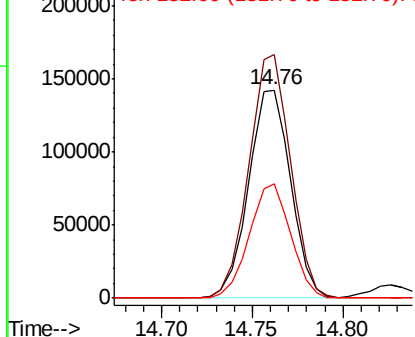


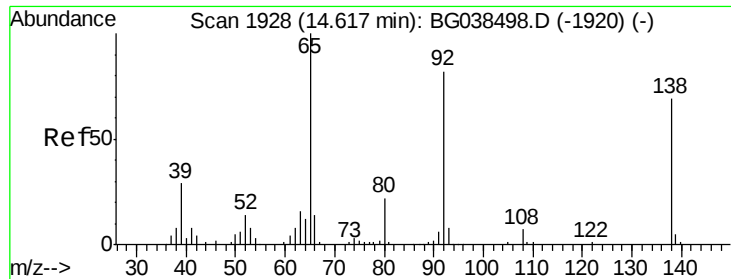
#52
Acenaphthene
Concen: 51.611 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:154 Resp: 229784
Ion Ratio Lower Upper
154 100
153 117.1 90.6 136.0
152 55.3 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

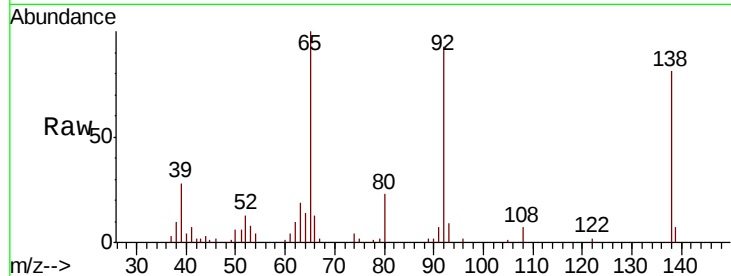




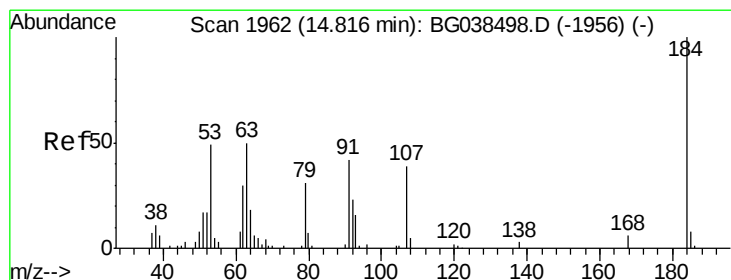
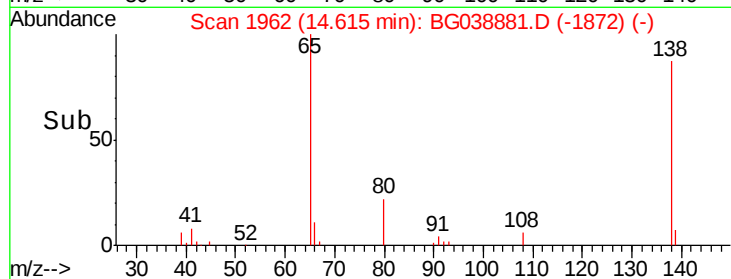
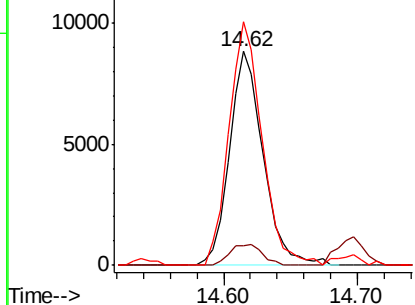
#53
3-Nitroaniline
Concen: 10.690 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 15510
Ion Ratio Lower Upper
138 100
108 9.2 7.9 11.9
92 113.7 95.3 142.9

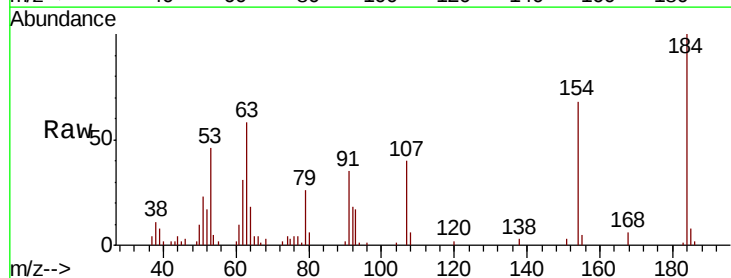


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

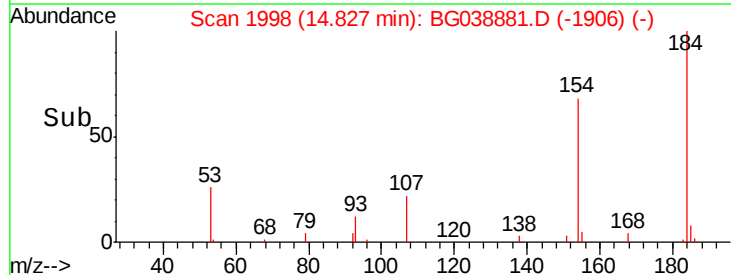
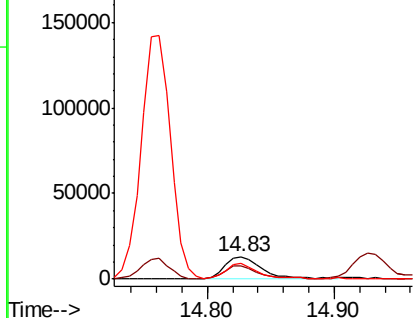


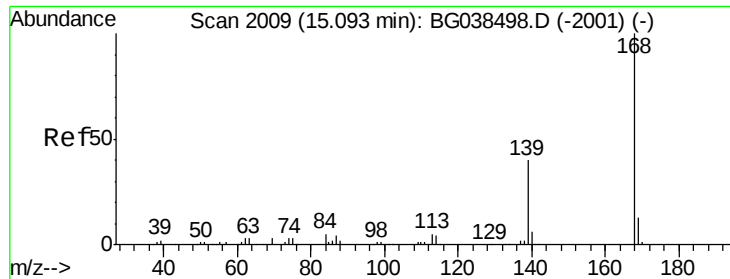
#54
2,4-Dinitrophenol
Concen: 35.234 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:184 Resp: 27214
Ion Ratio Lower Upper
184 100
63 57.8 47.0 70.6
154 67.7 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

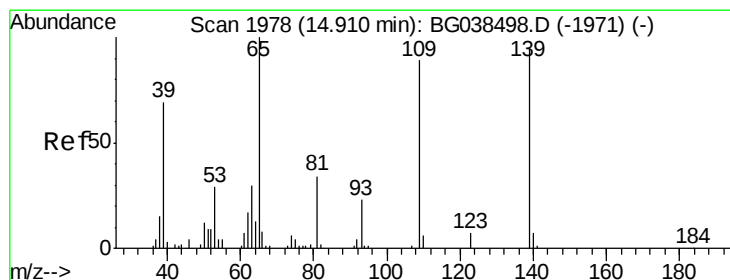
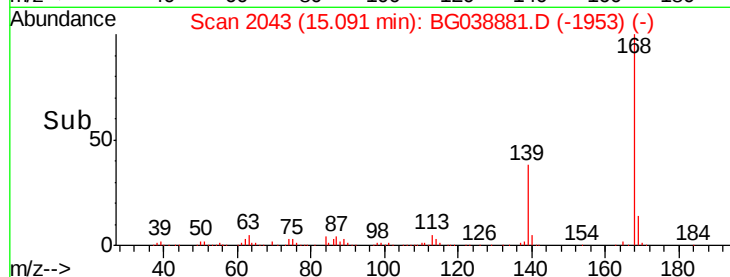
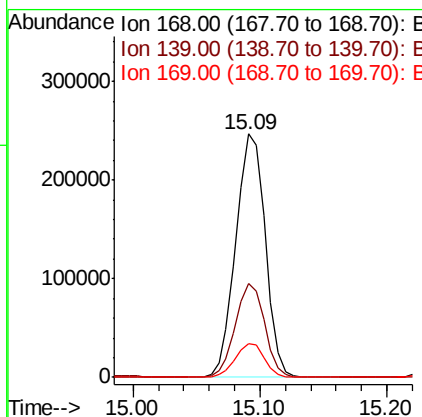
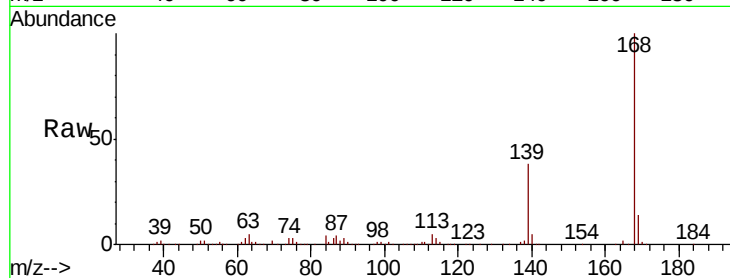




#55
Dibenzenofuran
Concen: 52.145 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

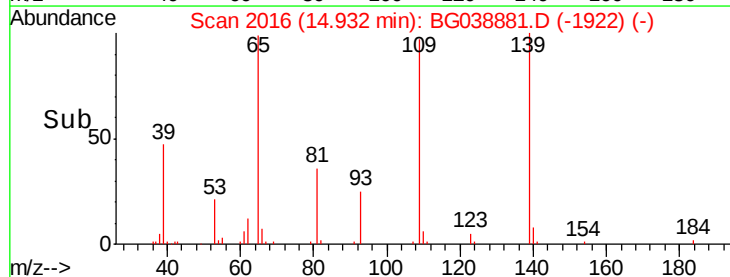
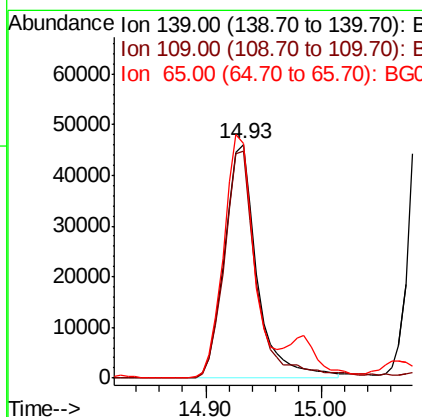
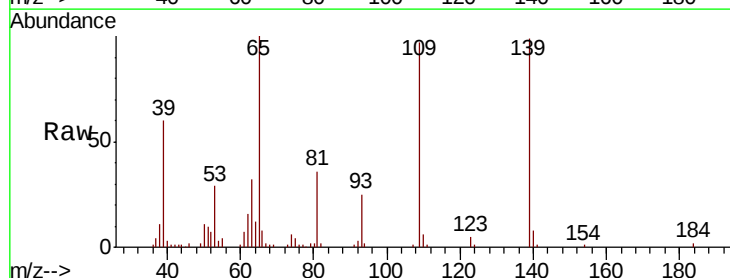
Instrument :
BNA_G
ClientSampleId :

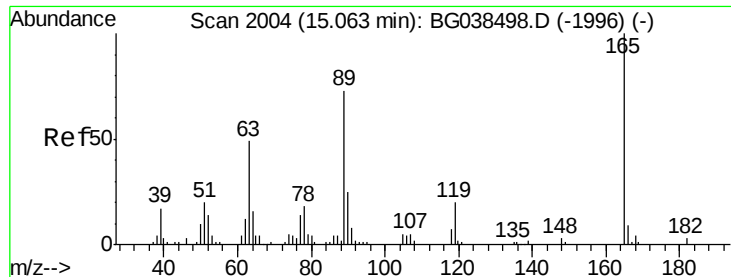
Tot Ion:168 Resp: 397961
Ion Ratio Lower Upper
168 100
139 38.3 32.2 48.2
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 81.766 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.02 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:139 Resp: 90002
Ion Ratio Lower Upper
139 100
109 97.4 73.6 113.6
65 100.6 84.8 124.8

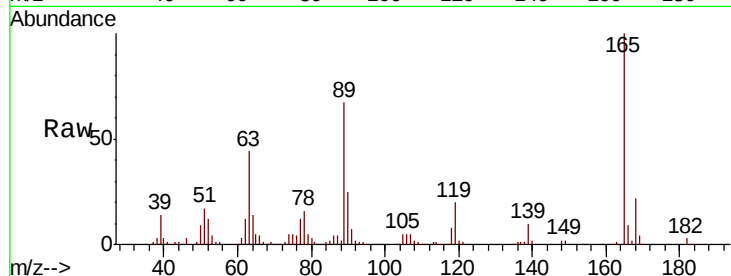




#57
2,4-Dinitrotoluene
Concen: 52.490 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	43.9	39.0	58.4	
89	67.0	58.0	87.0	
182	3.2	2.3	3.5	



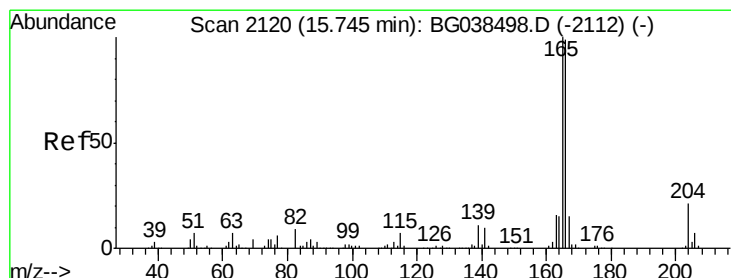
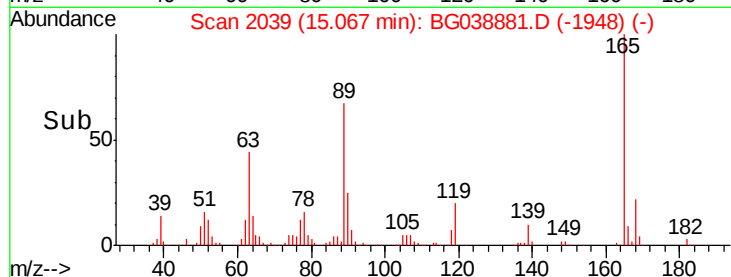
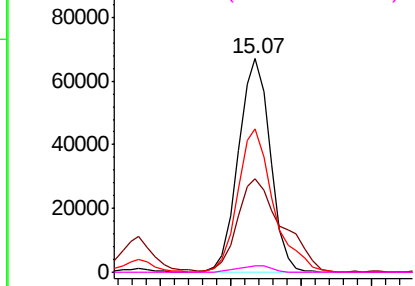
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

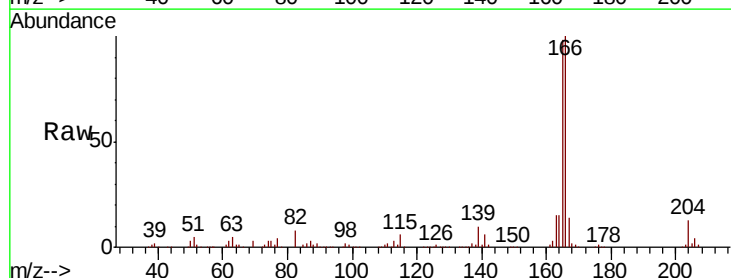
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 56.573 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.7	80.6	120.8	
167	13.7	12.0	18.0	

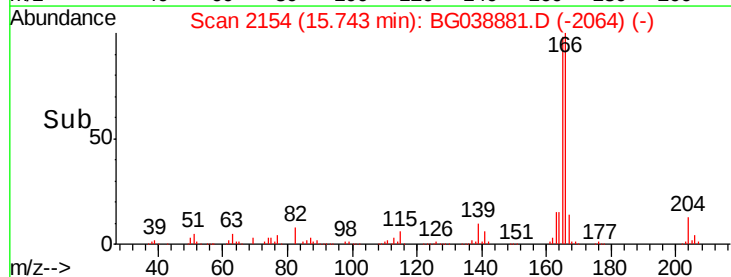
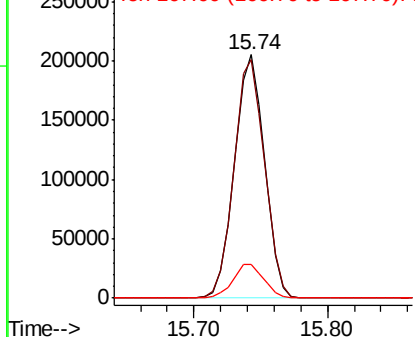


Abundance

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

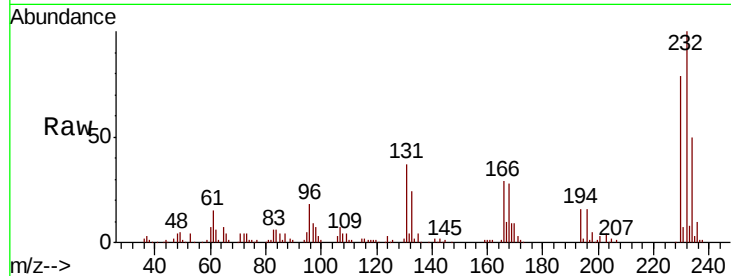




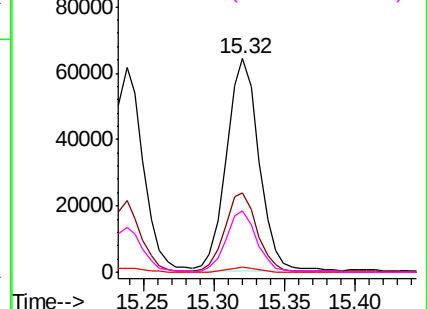
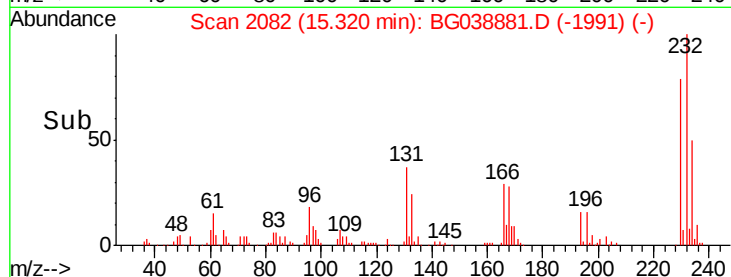
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.973 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.3	33.0	49.4
130	2.2	2.0	3.0
166	27.9	23.1	34.7

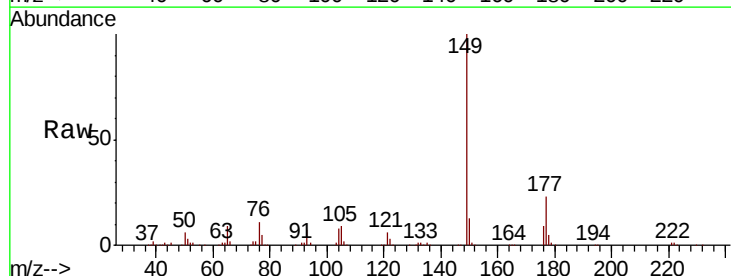


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

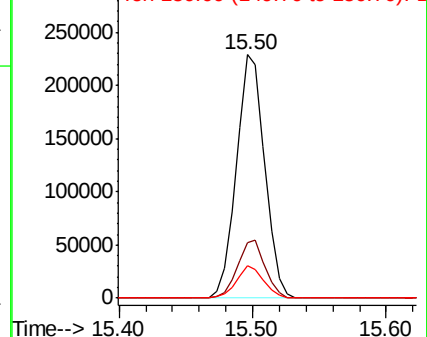
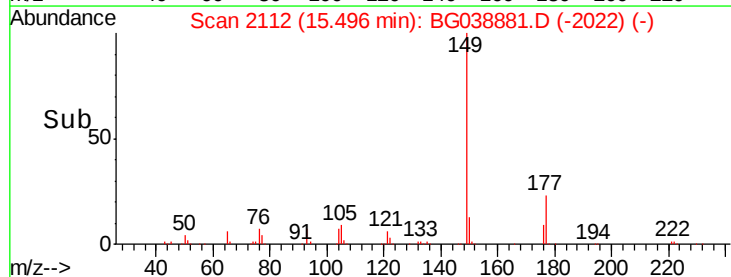


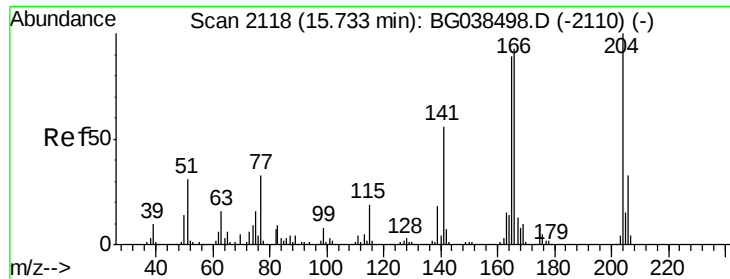
#60
Diethylphthalate
Concen: 48.814 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.7	26.5
150	13.1	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

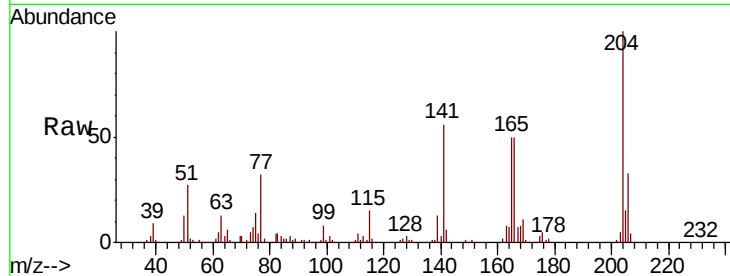




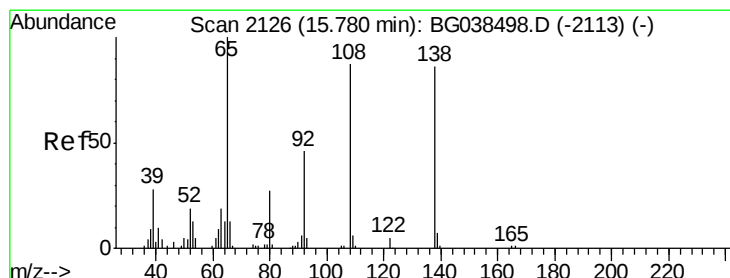
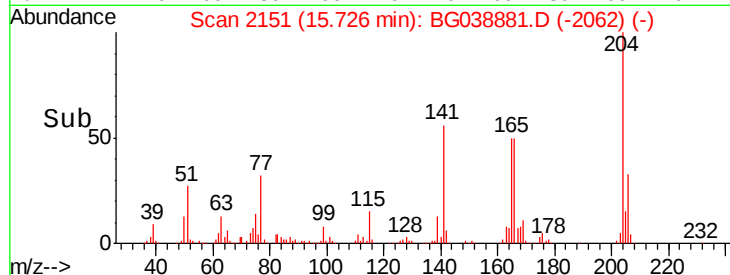
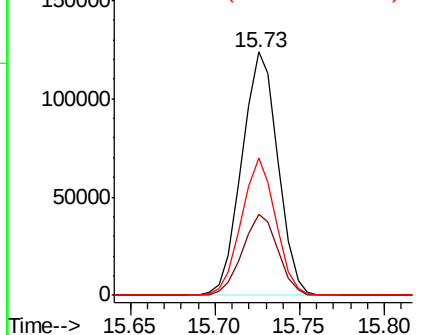
#61
4-Chlorophenyl-phenylether
Concen: 52.167 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 184041
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 56.4 44.4 66.6

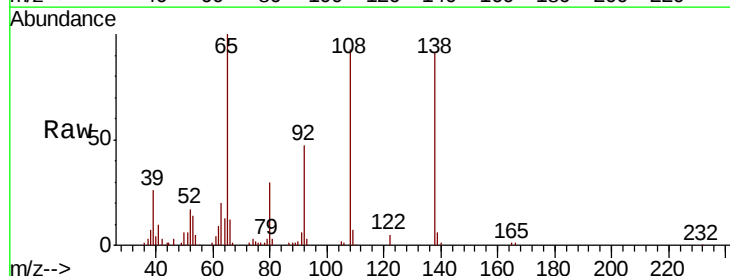


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

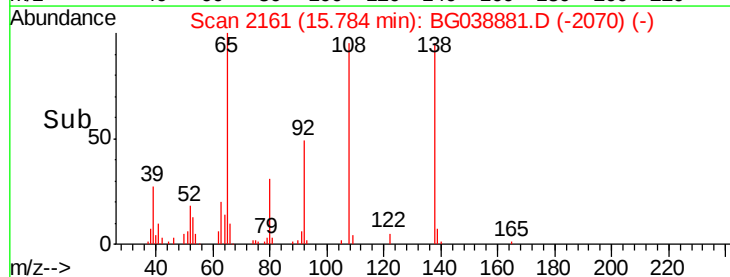
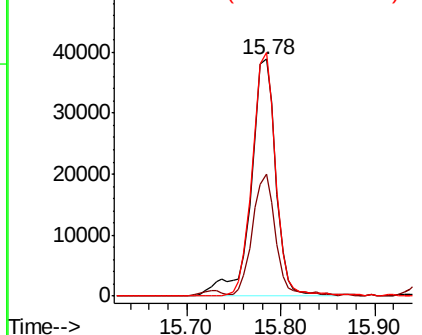


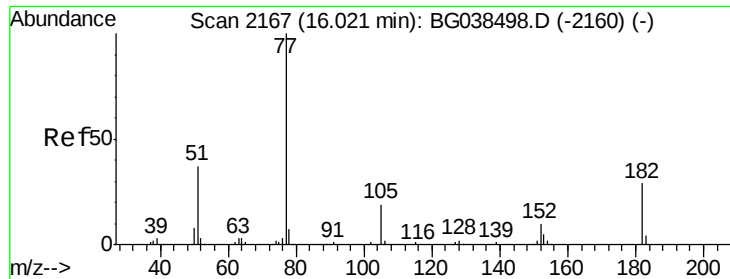
#62
4-Nitroaniline
Concen: 47.839 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:138 Resp: 71461
Ion Ratio Lower Upper
138 100
92 51.5 33.3 73.3
108 102.8 81.4 121.4



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

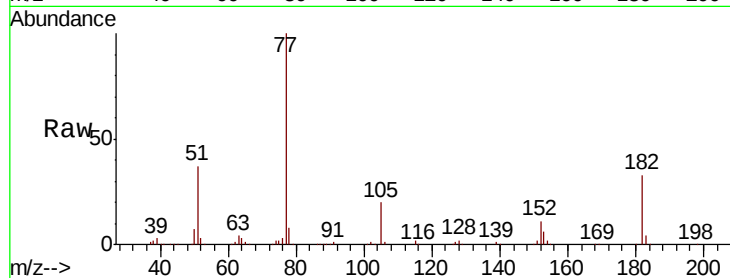




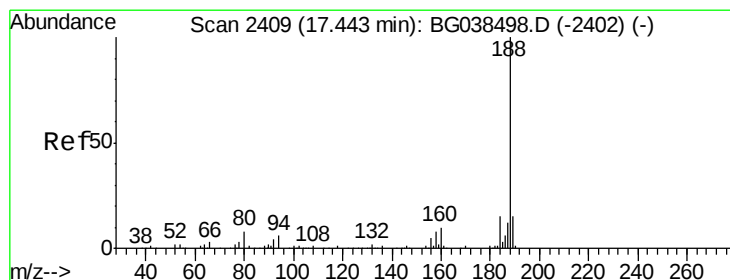
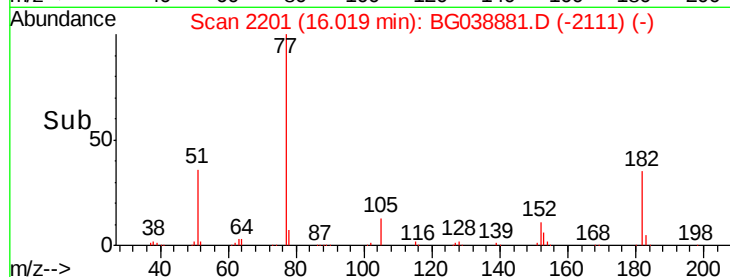
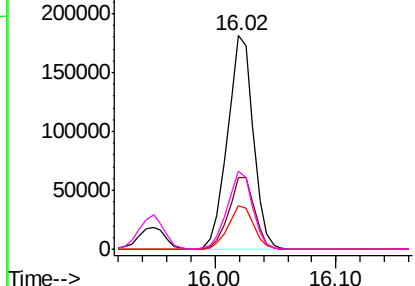
#63
Azobenzene
Concen: 46.696 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 268971
Ion Ratio Lower Upper
77 100
182 33.4 8.7 48.7
105 20.5 0.0 38.7
51 36.9 16.6 56.6

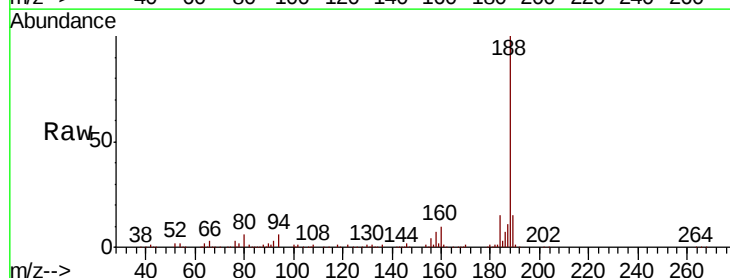


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

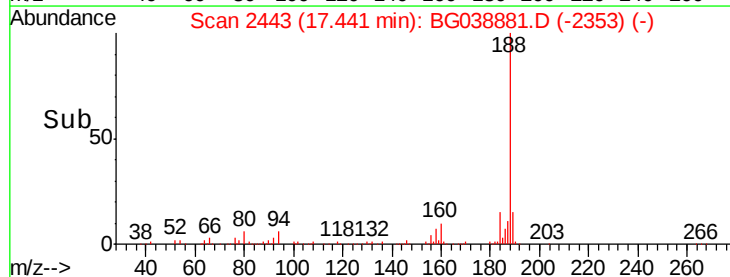
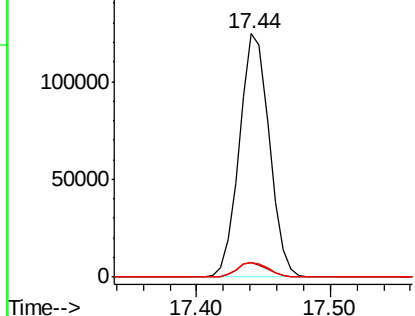


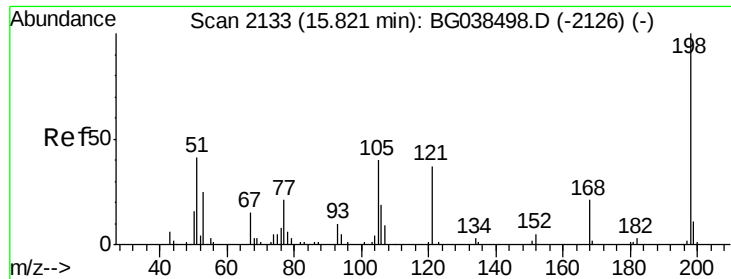
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion: 188 Resp: 192921
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 5.9 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

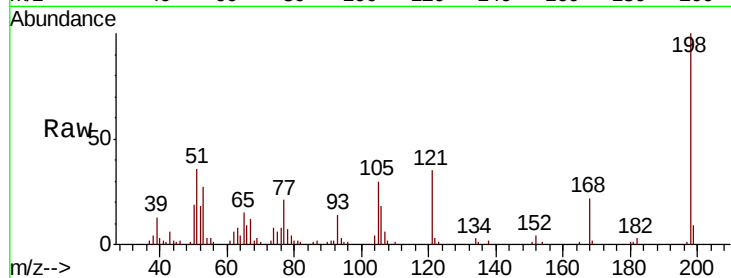




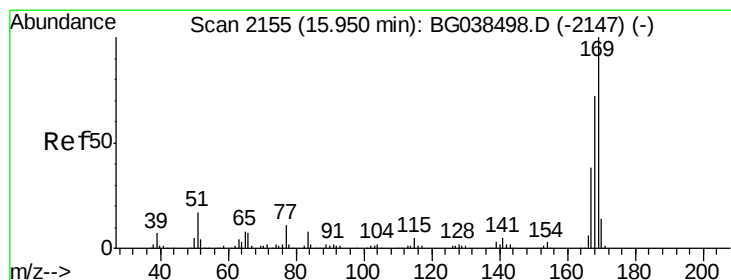
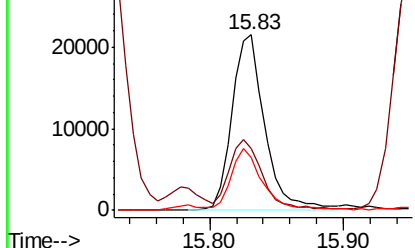
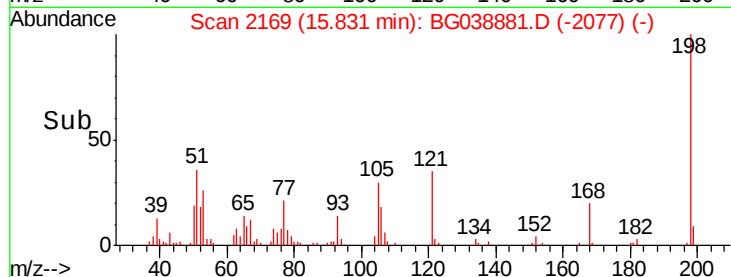
#65
 4,6-Dinitro-2-methylphenol
 Concen: 26.777 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.01 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 36851
 Ion Ratio Lower Upper
 198 100
 51 35.6 28.6 68.6
 105 29.8 20.4 60.4

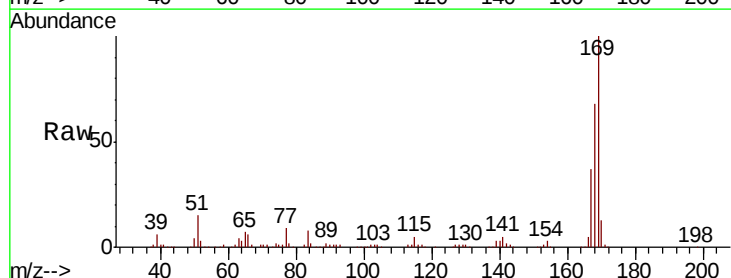


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

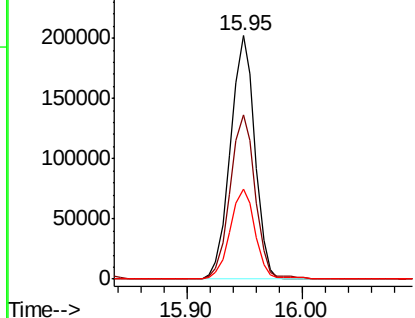
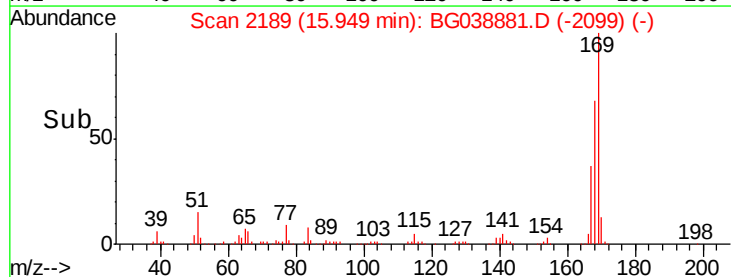


#66
 n-Nitrosodiphenylamine
 Concen: 52.122 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion:169 Resp: 295449
 Ion Ratio Lower Upper
 169 100
 168 67.6 57.5 86.3
 167 36.9 30.2 45.2



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

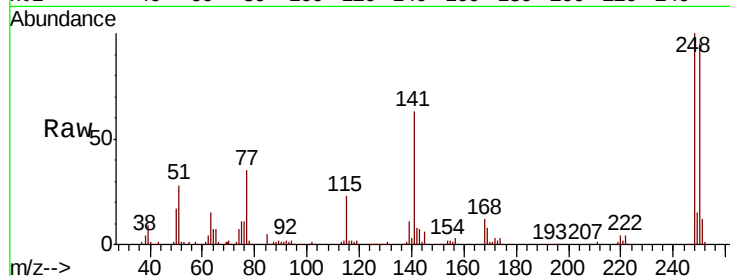




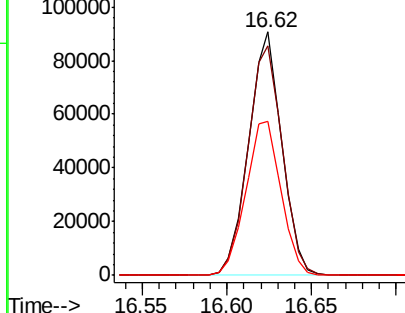
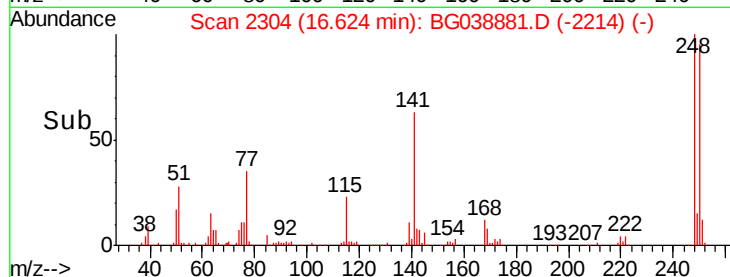
#67
 4-Bromophenyl-phenylether
 Concen: 52.459 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 123600
 Ion Ratio Lower Upper
 248 100
 250 94.5 73.4 110.2
 141 63.2 52.9 79.3

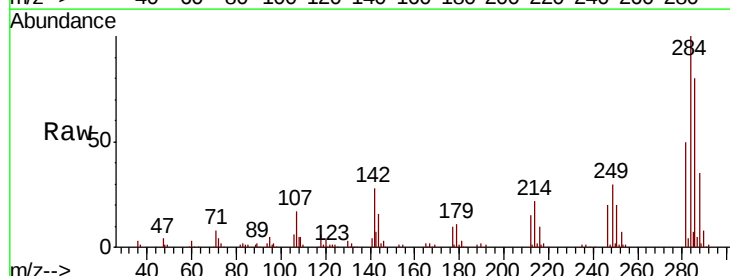


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

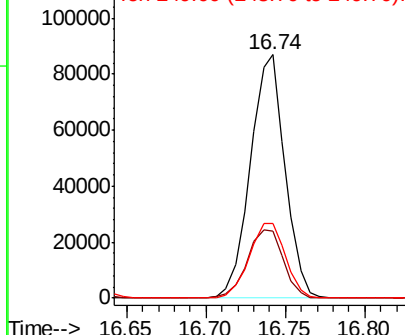
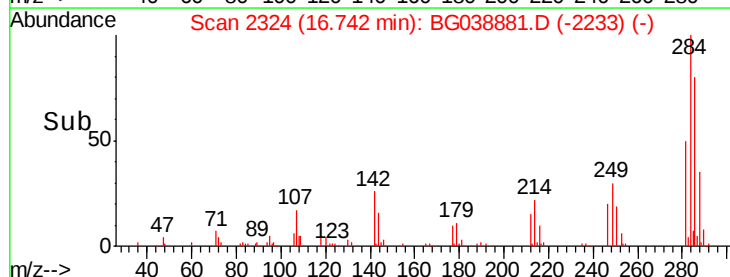


#68
 Hexachlorobenzene
 Concen: 53.912 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion:284 Resp: 131673
 Ion Ratio Lower Upper
 284 100
 142 27.6 25.8 38.6
 249 32.9 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

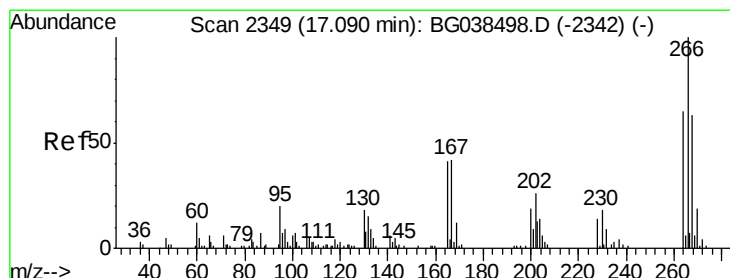
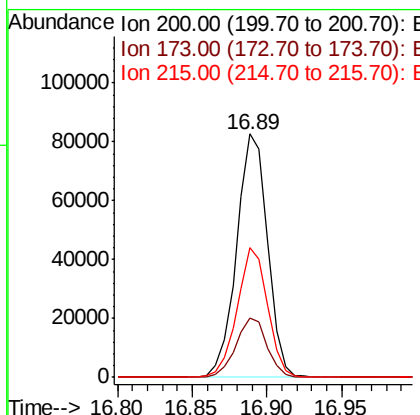
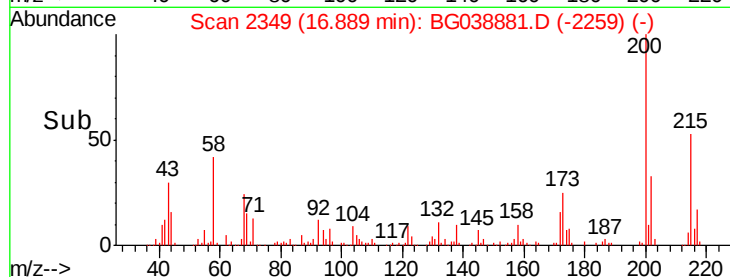
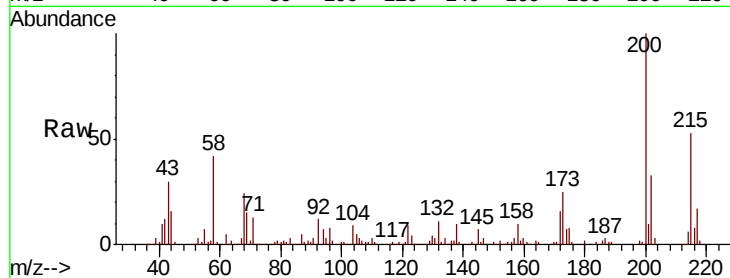




#69
 Atrazine
 Concen: 56.497 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

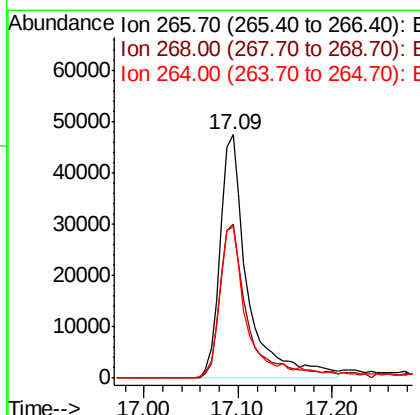
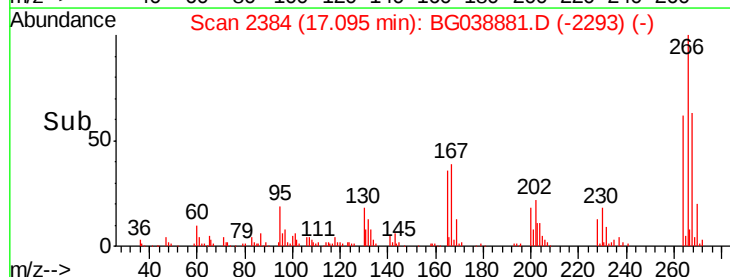
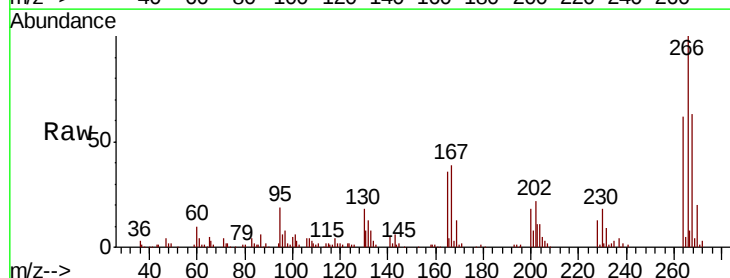
Instrument :
 BNA_G
 ClientSampled :

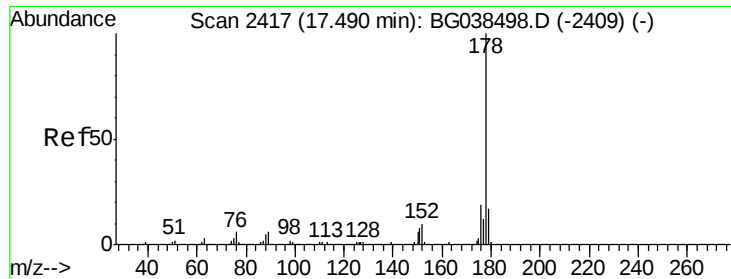
Tot Ion:200 Resp: 118849
 Ion Ratio Lower Upper
 200 100
 173 24.6 5.9 45.9
 215 53.4 33.1 73.1



#70
 Pentachlorophenol
 Concen: 67.362 ng
 RT: 17.09 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion:266 Resp: 97313
 Ion Ratio Lower Upper
 266 100
 268 67.7 55.0 82.6
 264 62.4 56.7 85.1

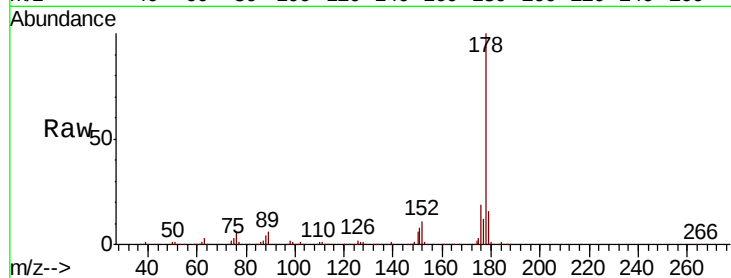




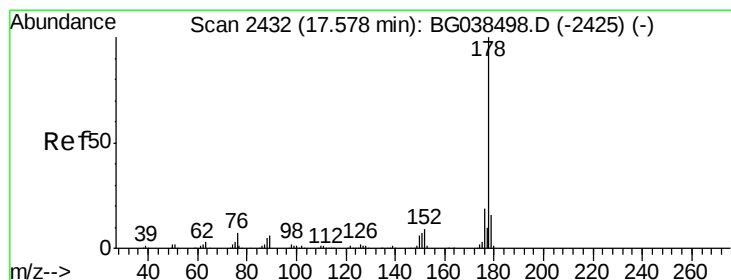
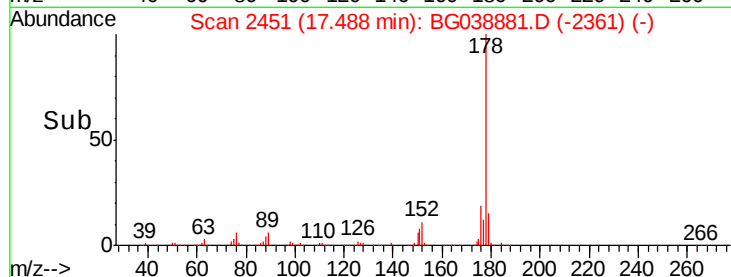
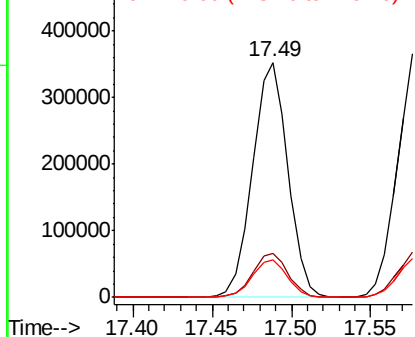
#71
Phenanthrene
Concen: 54.427 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 544500
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.8 13.2 19.8

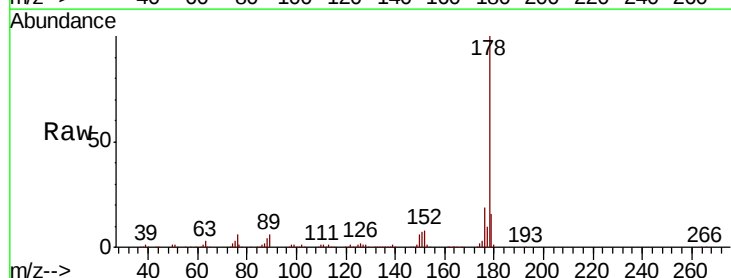


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

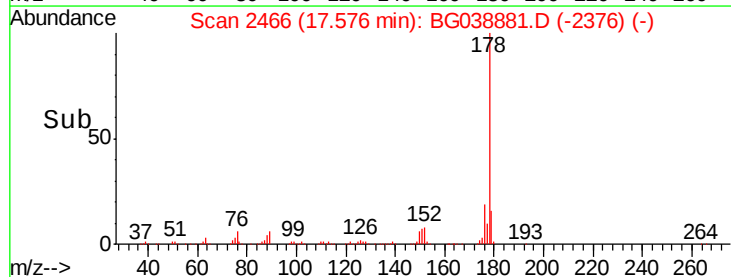
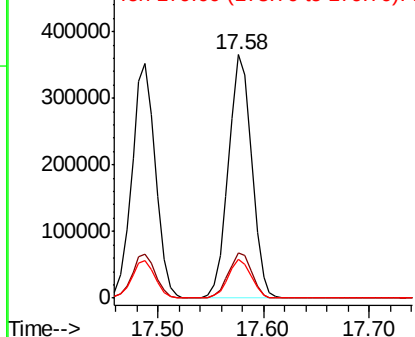


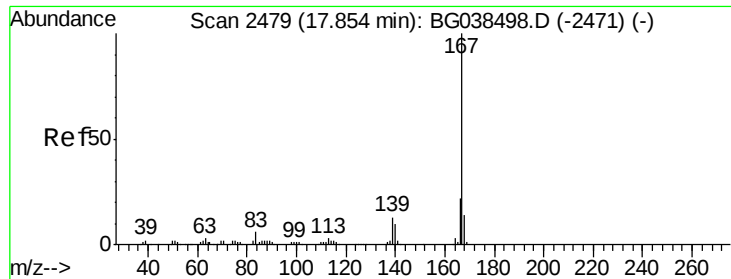
#72
Anthracene
Concen: 56.131 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:178 Resp: 554369
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 16.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.987 ng

RT: 17.85 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

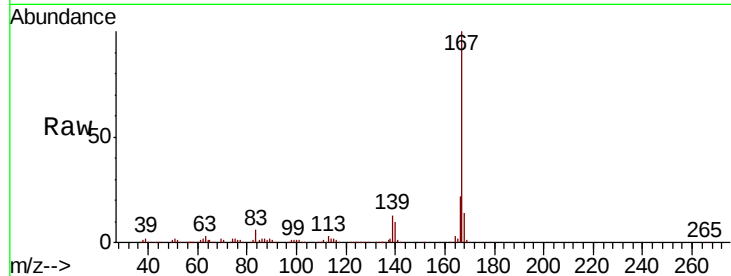
Tot Ion:167 Resp: 478473

Ion Ratio Lower Upper

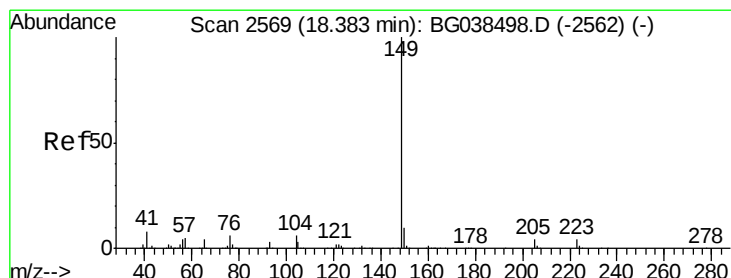
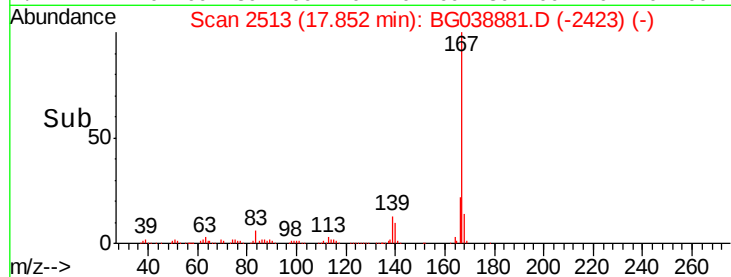
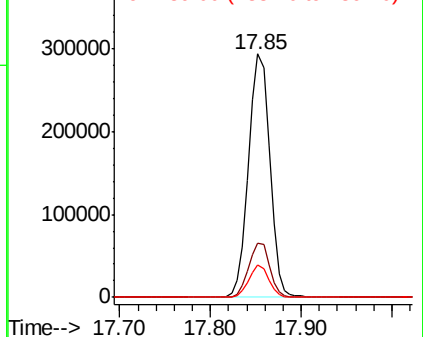
167 100

166 22.4 17.9 26.9

139 13.2 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: 49.323 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

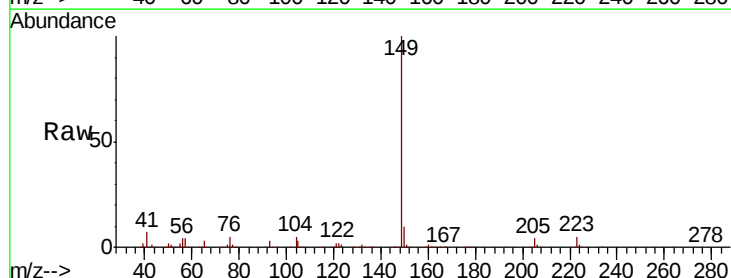
Tgt Ion:149 Resp: 552798

Ion Ratio Lower Upper

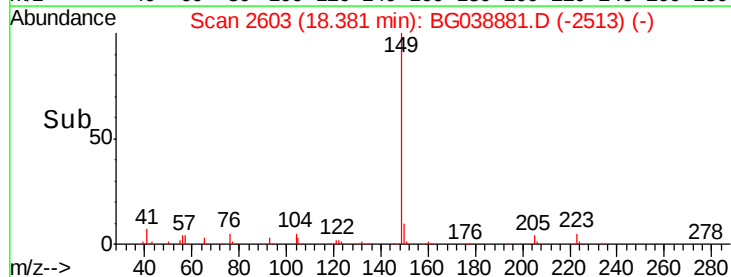
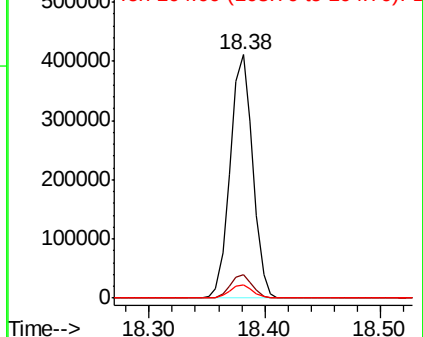
149 100

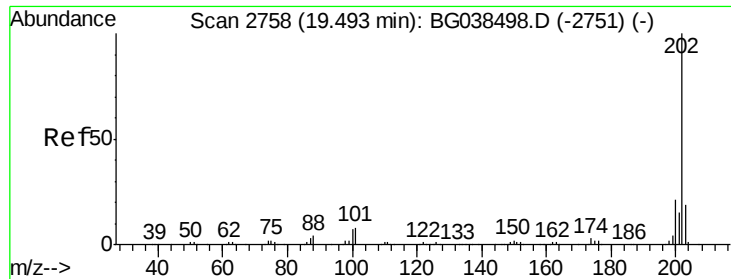
150 9.5 7.6 11.4

104 5.4 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

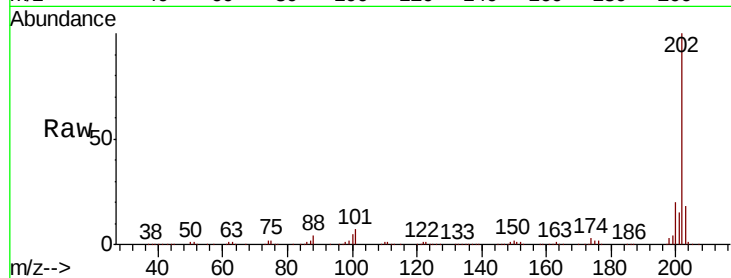




#75
 Fluoranthene
 Concen: 53.071 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.1
203	18.1	0.0	39.0

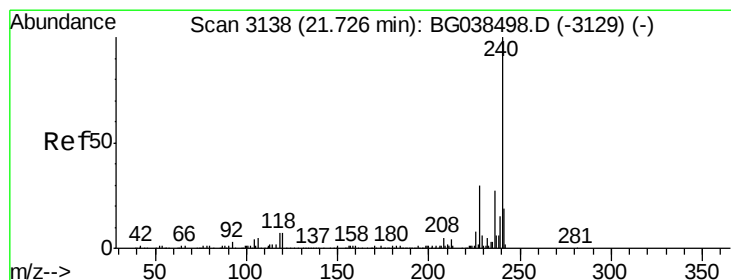
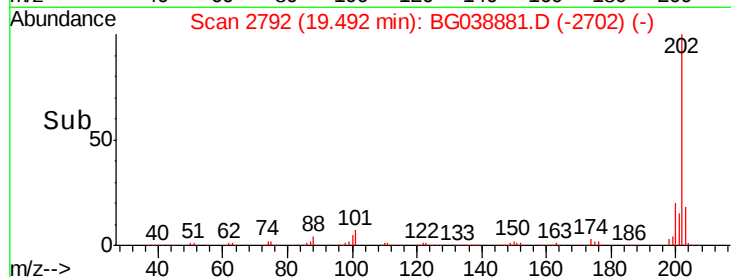
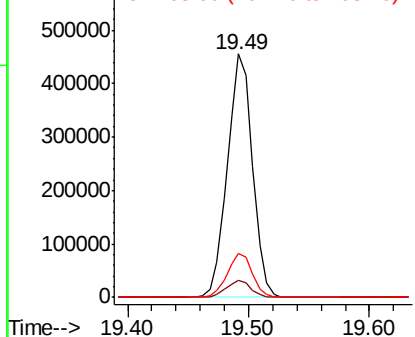


Abundance

Ion 202.00 (201.70 to 202.70): E

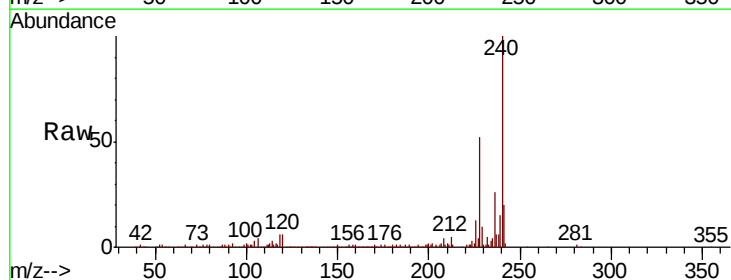
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038881.D
 Acq: 28 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.3	7.9
236	25.7	21.4	32.2

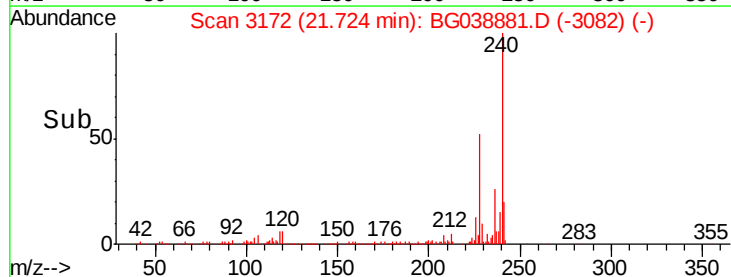
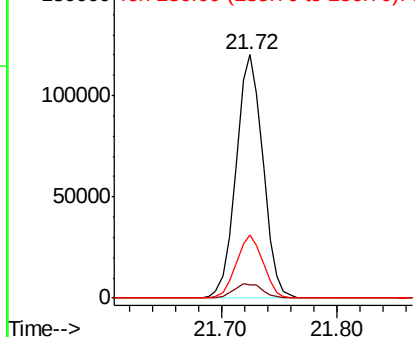


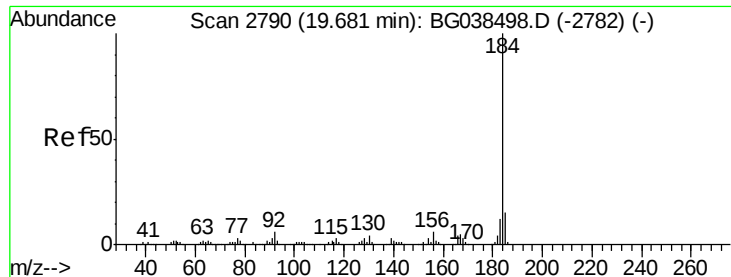
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.803 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

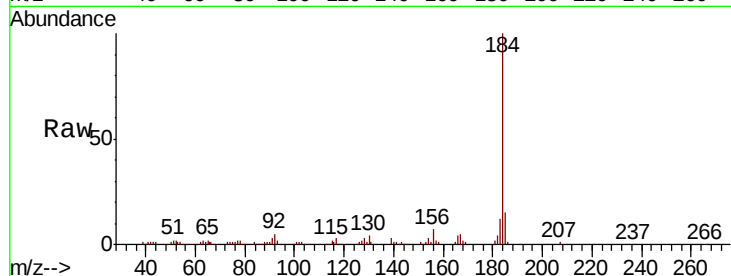
Tot Ion:184 Resp: 90032

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

183 11.8 9.6 14.4

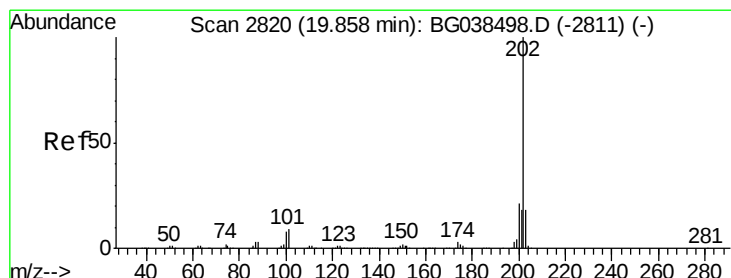
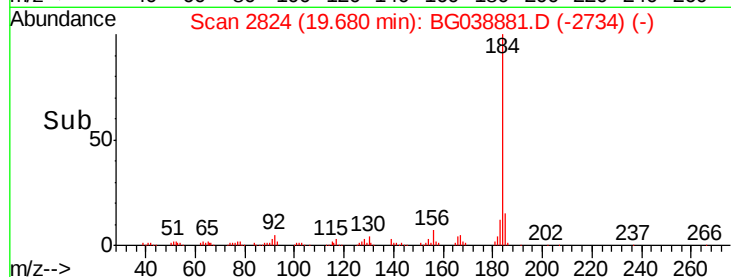
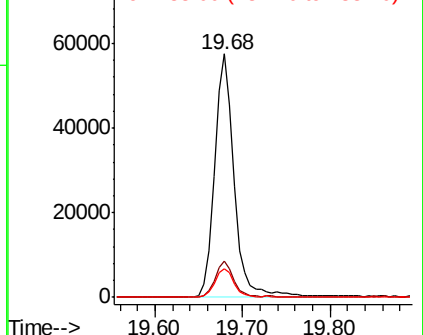


Abundance

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: 51.913 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

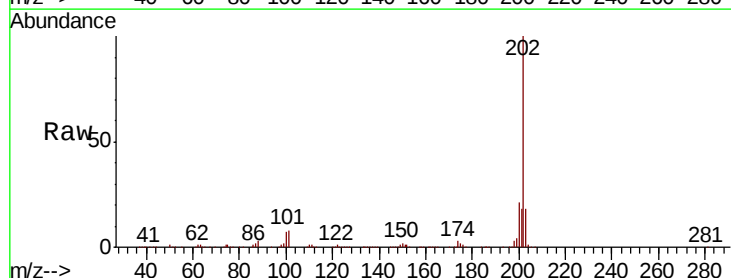
Tgt Ion:202 Resp: 660663

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

203 18.1 14.6 21.8

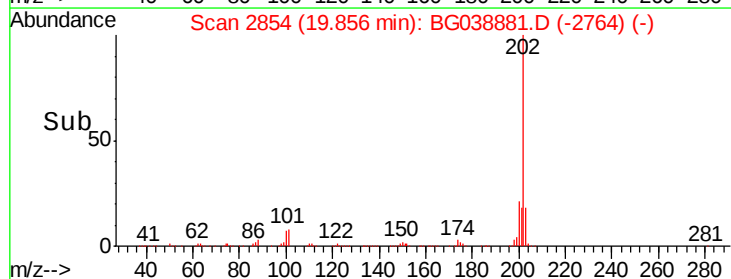
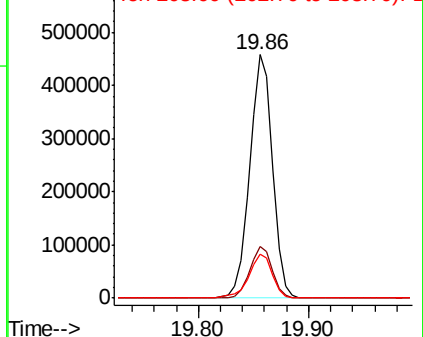


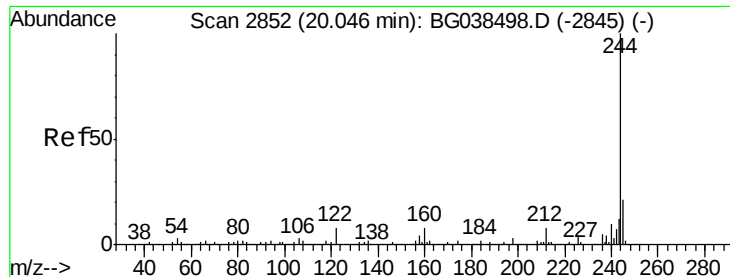
Abundance

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: 112.636 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampled :

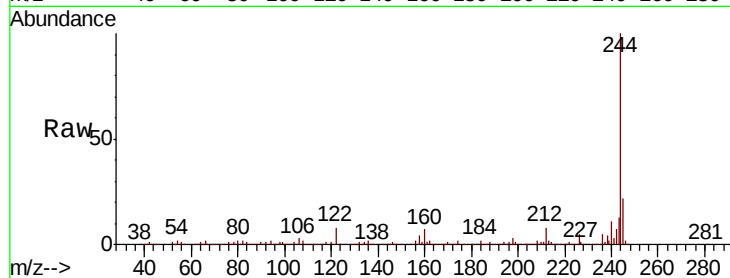
Tot Ion:244 Resp: 997006

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

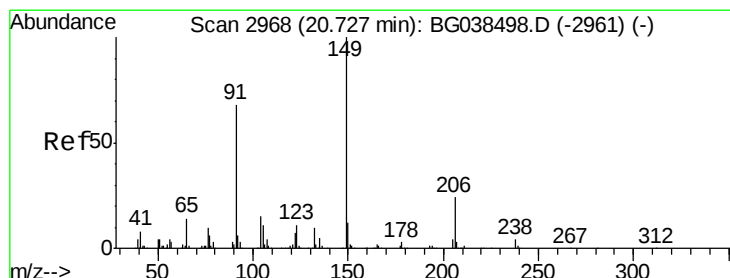
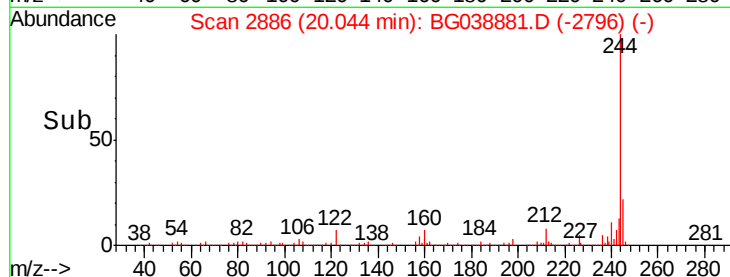
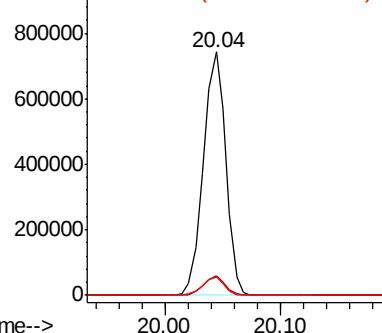
122 7.5 6.3 9.5



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: 50.188 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

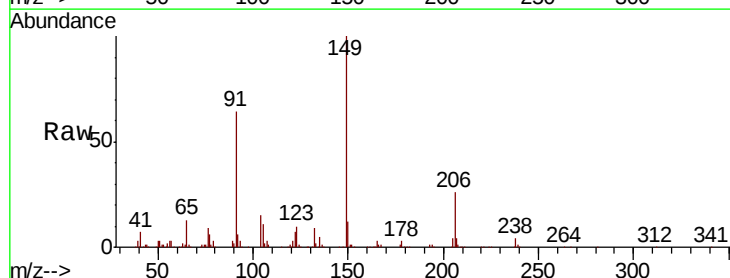
Tgt Ion:149 Resp: 249534

Ion Ratio Lower Upper

149 100

91 63.6 54.5 81.7

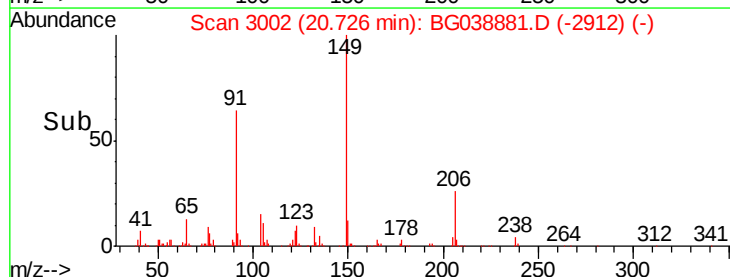
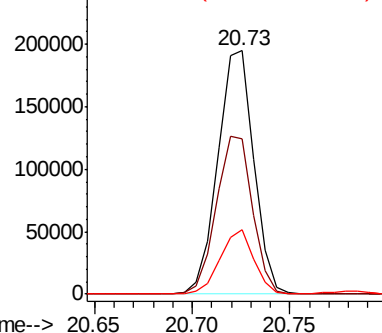
206 26.3 19.0 28.6

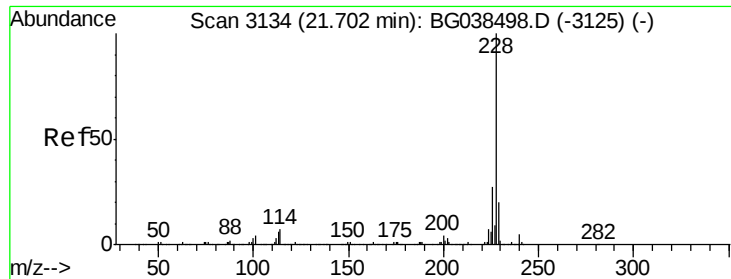


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

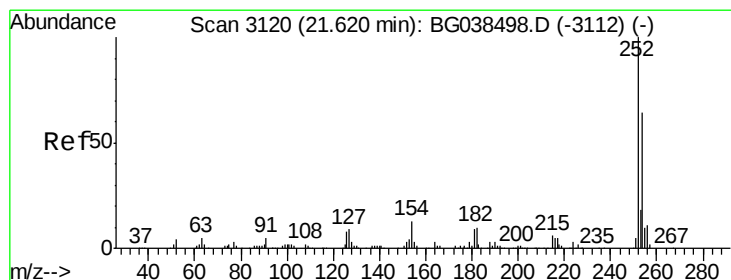
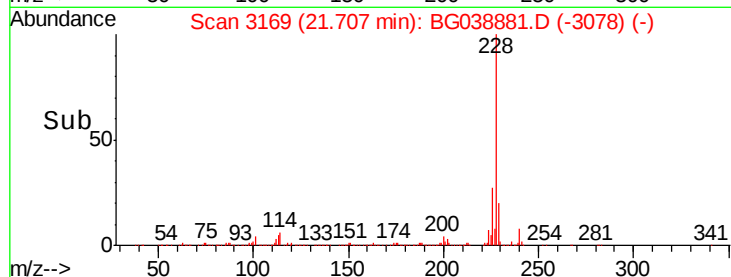
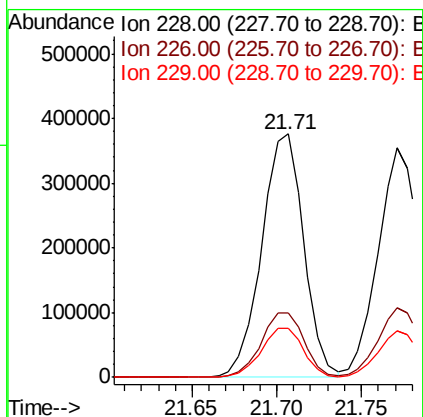
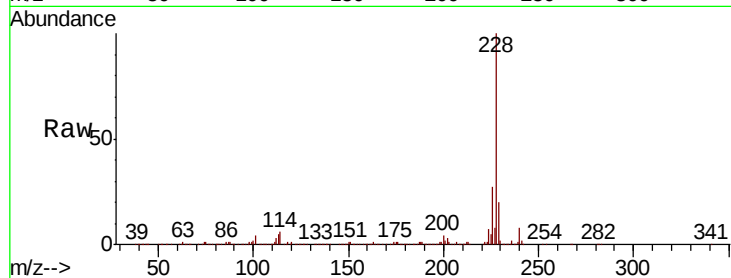




#81
Benzo(a)anthracene
Concen: 55.361 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

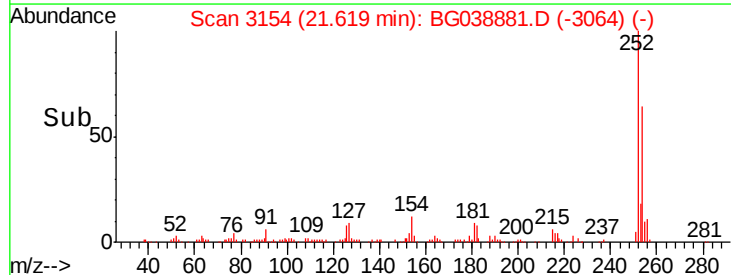
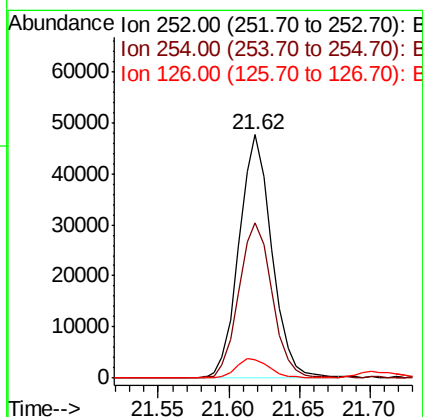
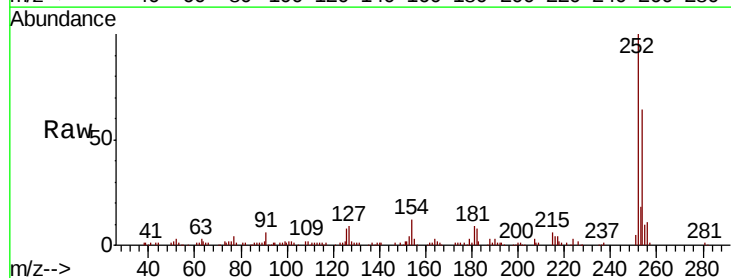
Instrument :
BNA_G
ClientSampleId :

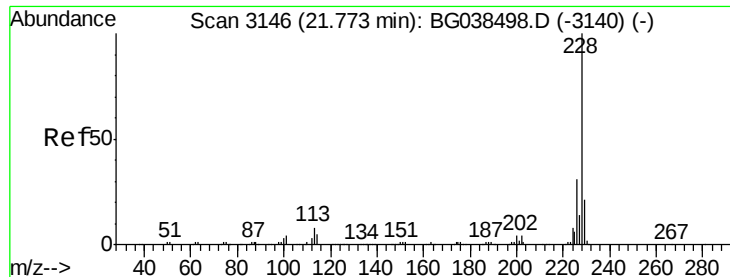
Tot Ion:228 Resp: 649853
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 16.648 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion:252 Resp: 77503
Ion Ratio Lower Upper
252 100
254 63.7 50.9 76.3
126 7.7 6.3 9.5





#83

Chrysene

Concen: 53.533 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

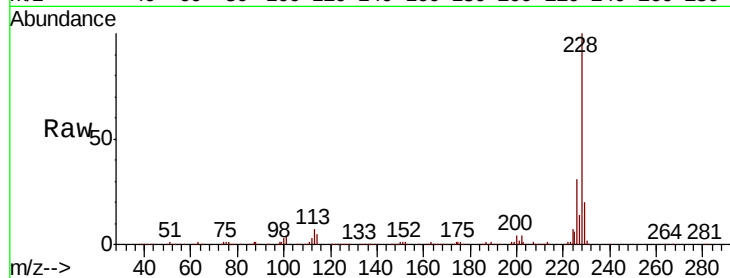
Tot Ion:228 Resp: 605268

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	20.2	16.5	24.7

228 100

226 30.5 25.0 37.4

229 20.2 16.5 24.7

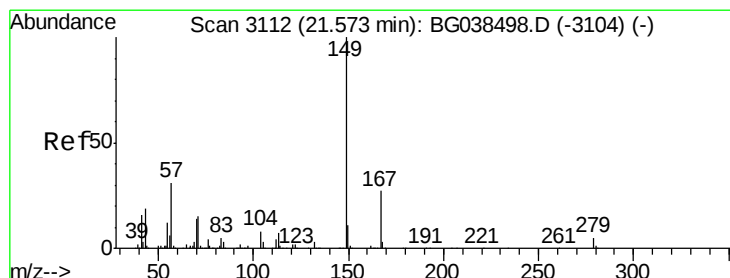
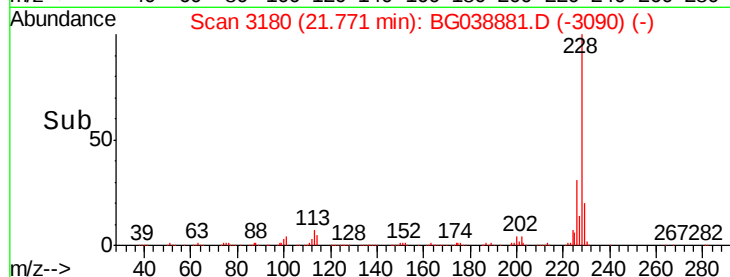
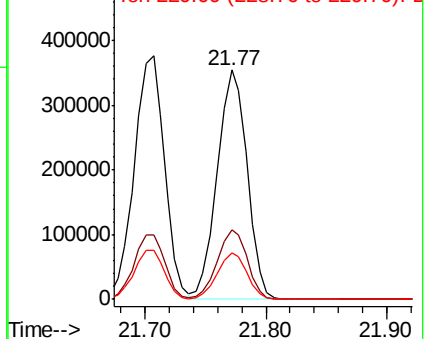


Abundance

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: 49.651 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

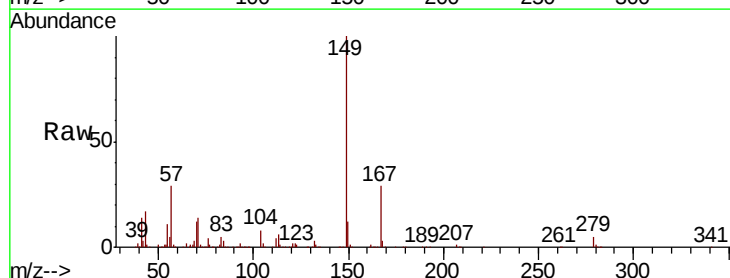
Tgt Ion:149 Resp: 350121

Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.9	32.9
279	5.3	4.2	6.2

149 100

167 29.3 21.9 32.9

279 5.3 4.2 6.2

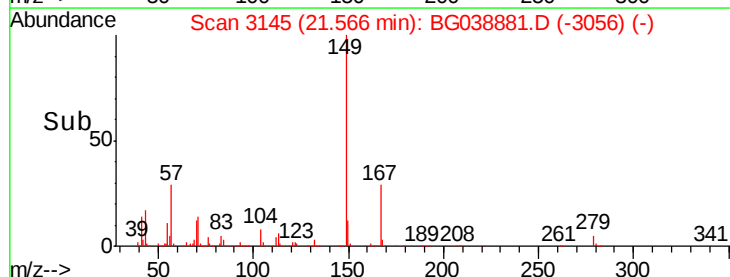
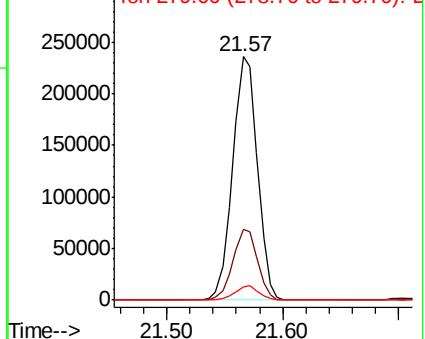


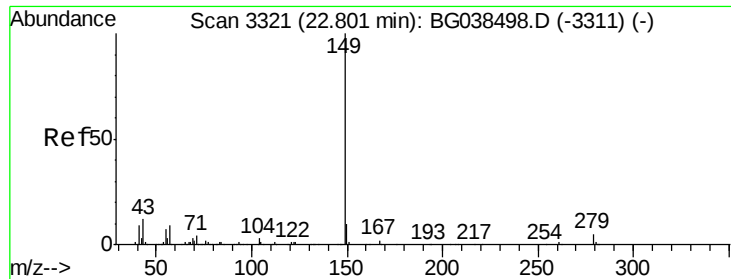
Abundance

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: 50.435 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038881.D

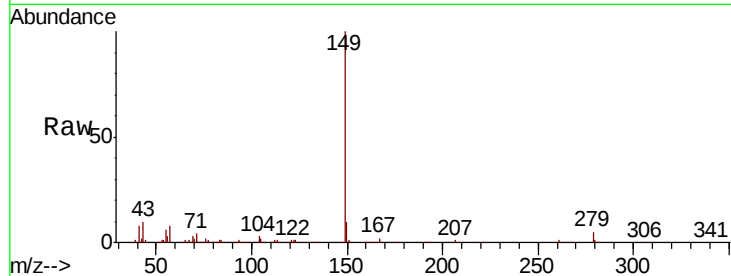
Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

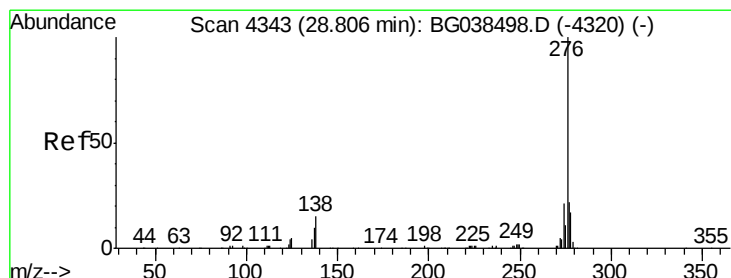
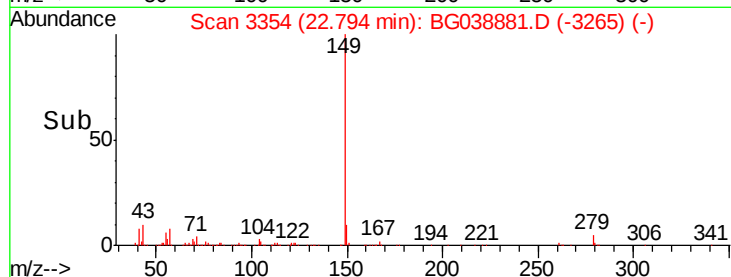
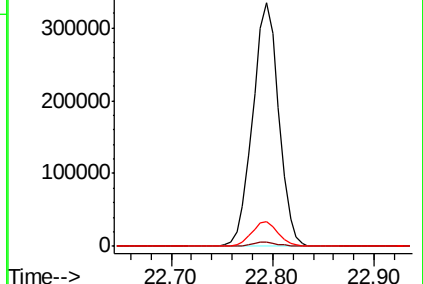
Tot Ion:	149	Resp:	595624
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	10.2	9.3	13.9



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: 57.833 ng

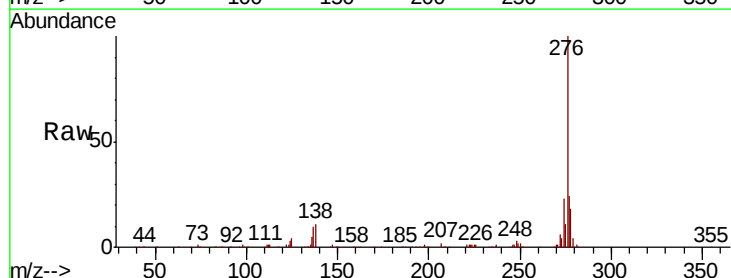
RT: 28.82 min Scan# 4379

Delta R.T. 0.01 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

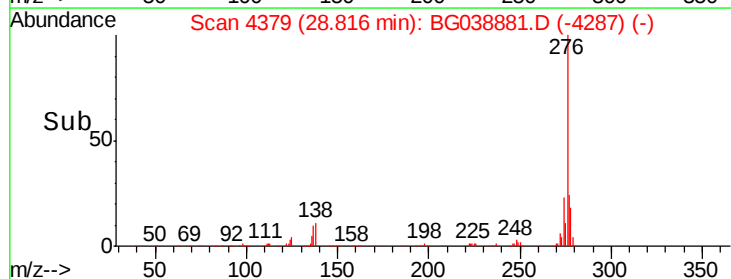
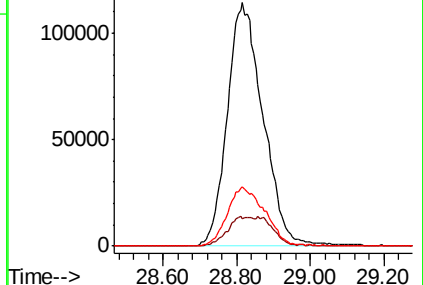
Tgt Ion:	276	Resp:	768746
Ion	Ratio	Lower	Upper
276	100		
138	5.5	14.4	21.6#
277	25.4	0.0	0.0#

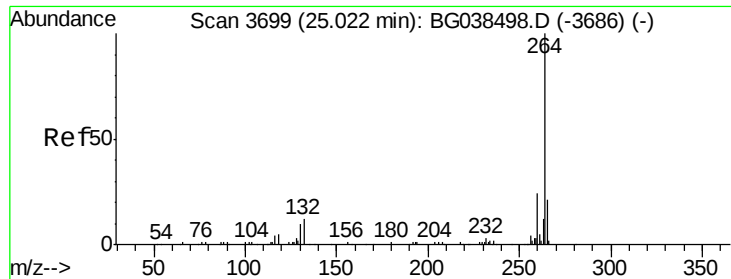


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG038881.D

Acq: 28 Dec 2018 19:50

Instrument :

BNA_G

ClientSampleId :

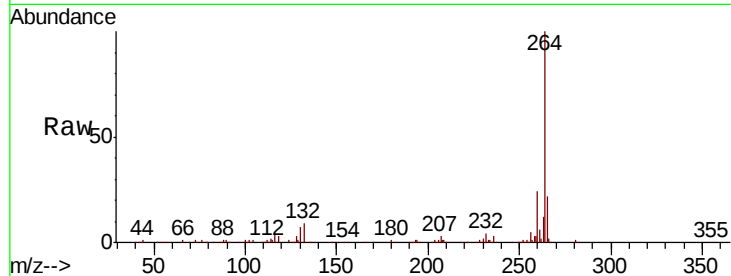
Tot Ion:264 Resp: 209739

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

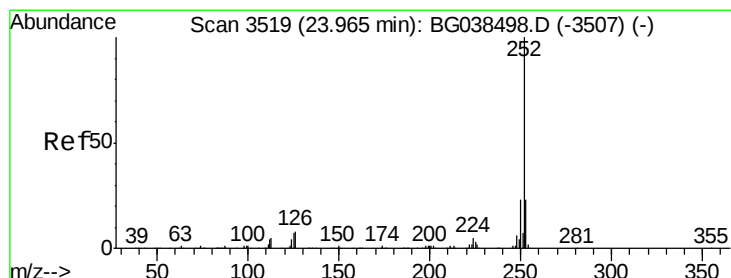
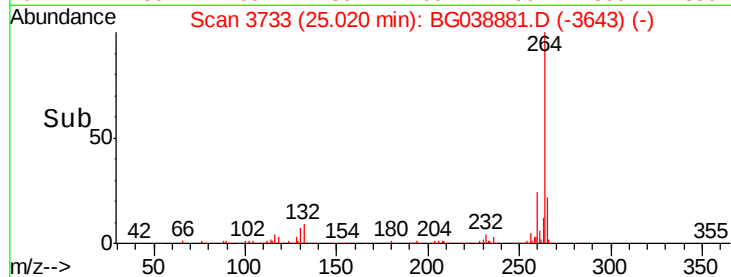
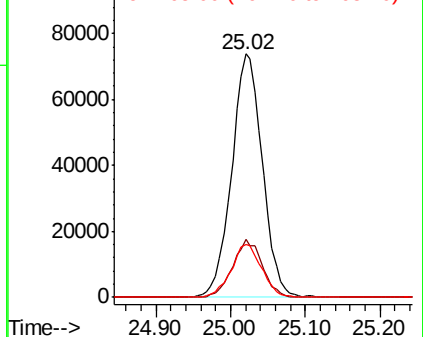
265 21.8 17.0 25.4



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: 57.404 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG038881.D

Acq: 28 Dec 2018 19:50

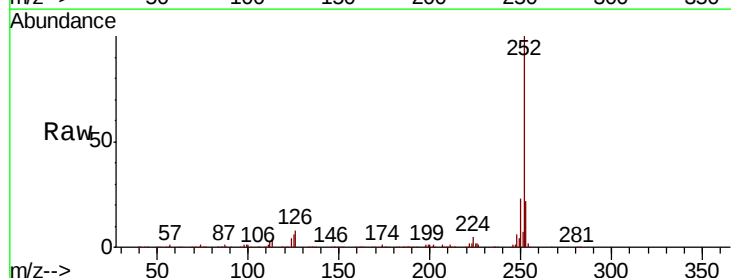
Tgt Ion:252 Resp: 661039

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

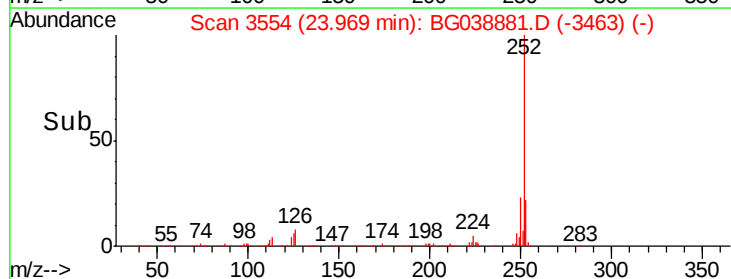
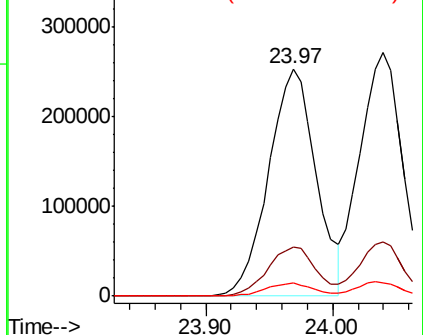
125 6.0 5.5 8.3

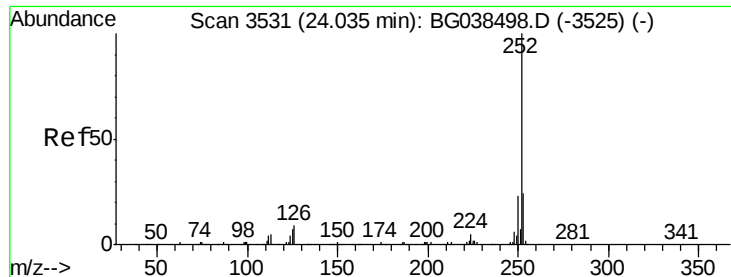


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

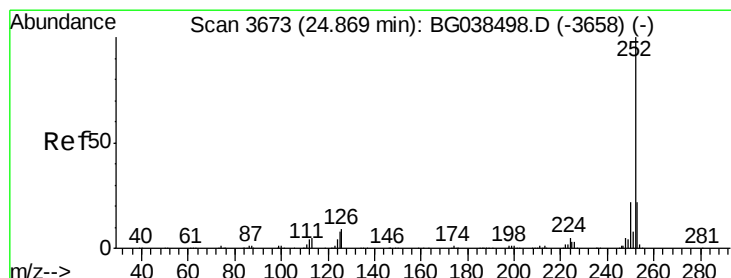
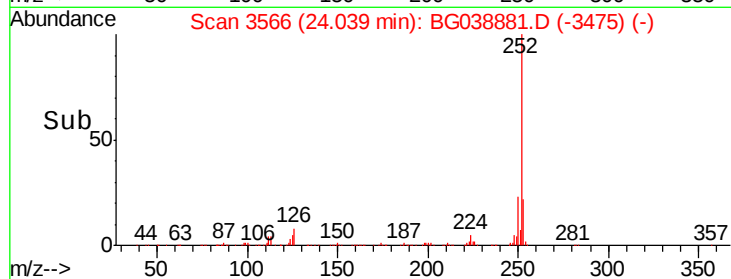
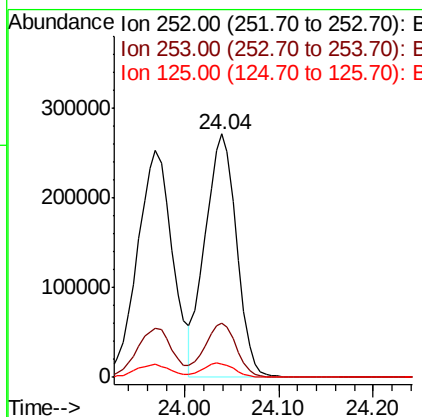
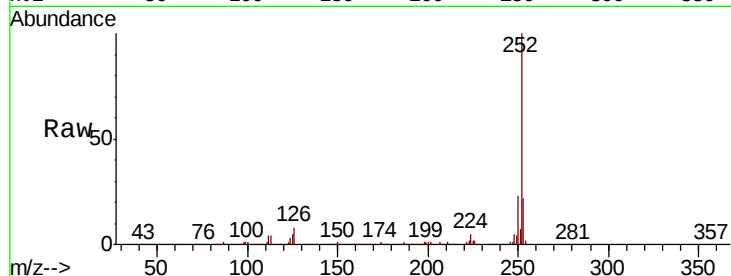




#89
Benzo(k)fluoranthene
Concen: 55.255 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

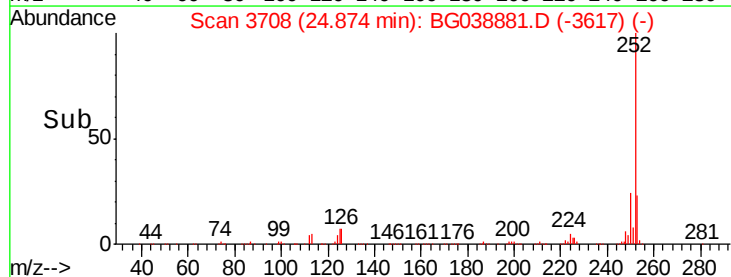
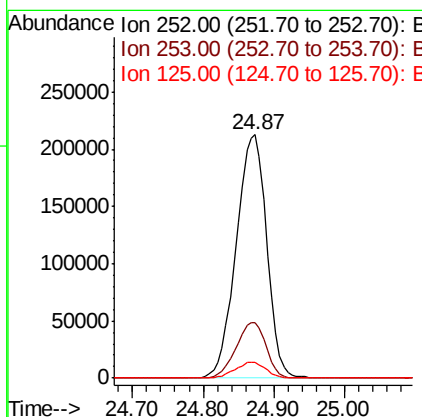
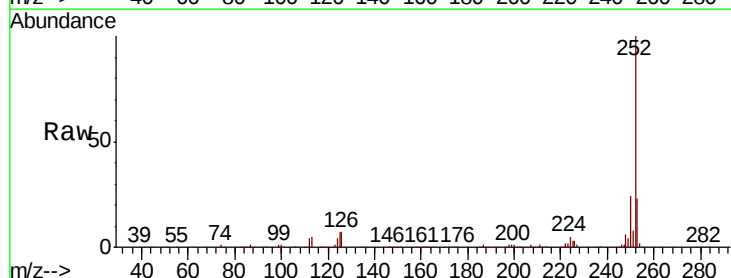
Instrument :
BNA_G
ClientSampleId :

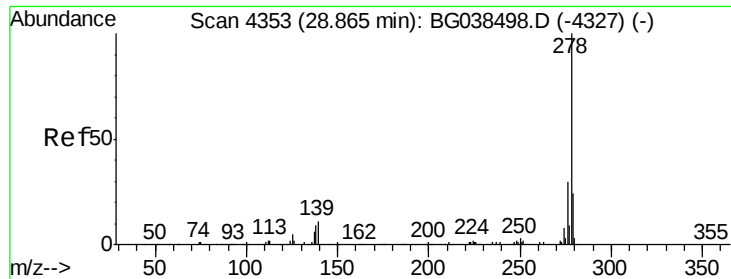
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	5.5	5.4	8.2



#90
Benzo(a)pyrene
Concen: 57.257 ng
RT: 24.87 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	6.7	6.4	9.6

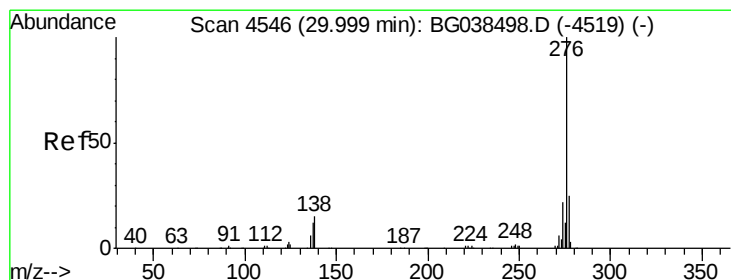
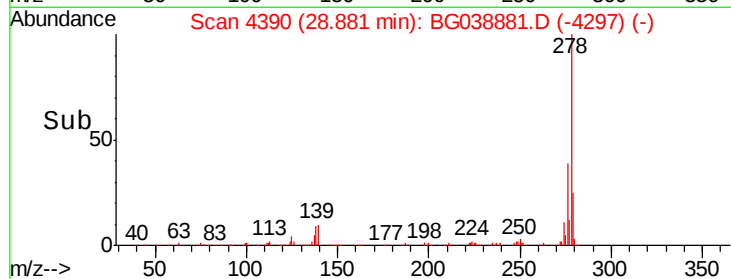
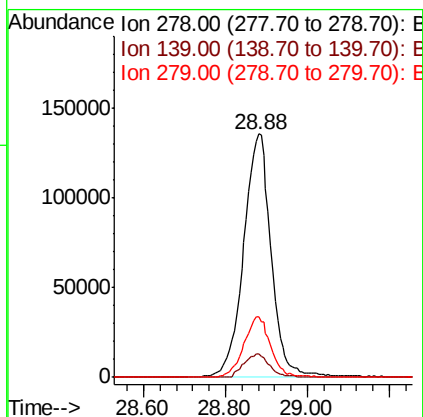
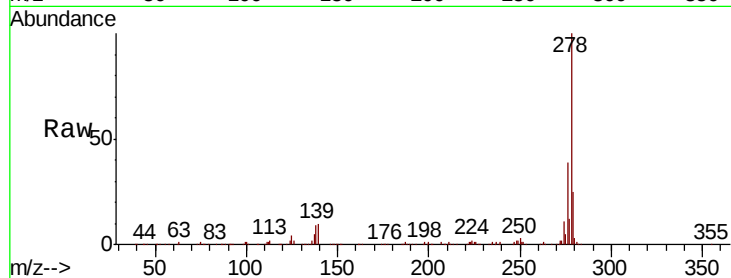




#91
Dibenzo(a,h)anthracene
Concen: 57.367 ng
RT: 28.88 min Scan# 4390
Delta R.T. 0.02 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	8.6	12.8
279	24.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 57.970 ng
RT: 30.01 min Scan# 4583
Delta R.T. 0.02 min
Lab File: BG038881.D
Acq: 28 Dec 2018 19:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	13.0	11.8	17.6

