

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038534.D
 Acq On : 13 Dec 2018 16:05
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 17:13:24 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	36139	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	147680	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	97120	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	234927	20.00	ng	0.00
76) Chrysene-d12	21.72	240	225592	20.00	ng	0.00
87) Perylene-d12	25.01	264	252224	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	162126	79.57	ng	0.00
7) Phenol-d6	7.21	99	225467	80.61	ng	0.00
23) Nitrobenzene-d5	9.24	82	239044	82.69	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	111432	83.25	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	556345	78.59	ng	0.00
79) Terphenyl-d14	20.04	244	841942	81.22	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	35026	36.936	ng	96
3) Pyridine	3.89	79	99858	38.247	ng	94
4) n-Nitrosodimethylamine	3.82	42	55008	42.999	ng	90
6) Aniline	7.39	93	143355	40.147	ng	98
8) 2-Chlorophenol	7.62	128	94946	40.267	ng	95
9) Benzaldehyde	7.20	77	67811	37.371	ng	98
10) Phenol	7.24	94	118456	39.861	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	94622	39.993	ng	95
12) 1,3-Dichlorobenzene	7.95	146	109500	39.276	ng	99
13) 1,4-Dichlorobenzene	8.09	146	111121	38.917	ng	99
14) 1,2-Dichlorobenzene	8.42	146	104656	38.879	ng	97
15) Benzyl Alcohol	8.30	79	90297	41.358	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	214406	39.560	ng	99
17) 2-Methylphenol	8.50	107	81213	40.790	ng	97
18) Hexachloroethane	9.14	117	40758	39.064	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	80374	40.912	ng	97
20) 3+4-Methylphenols	8.83	107	116838	42.492	ng	99
22) Acetophenone	8.89	105	148769	40.331	ng	# 99
24) Nitrobenzene	9.28	77	119919	41.007	ng	98
25) Isophorone	9.80	82	199920	38.492	ng	98
26) 2-Nitrophenol	9.99	139	61064	40.798	ng	97
27) 2,4-Dimethylphenol	10.03	122	86954	40.536	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	121133	41.328	ng	98
29) 2,4-Dichlorophenol	10.52	162	102488	42.947	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	118250	41.023	ng	93
31) Naphthalene	10.93	128	292455	40.193	ng	99
32) Benzoic acid	10.21	122	45108	36.260	ng	90
33) 4-Chloroaniline	11.04	127	134604	42.609	ng	99
34) Hexachlorobutadiene	11.19	225	79933	40.982	ng	98
35) Caprolactam	11.84	113	38917	39.406	ng	97
36) 4-Chloro-3-methylphenol	12.15	107	110702	40.651	ng	92
37) 2-Methylnaphthalene	12.53	142	213226	41.076	ng	99
38) 1-Methylnaphthalene	12.75	142	207264	41.146	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	146396	40.326	ng	99

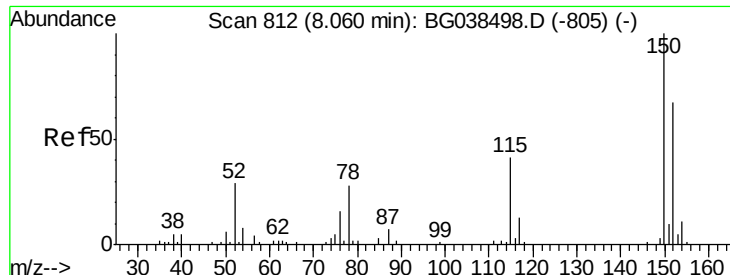
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038534.D
 Acq On : 13 Dec 2018 16:05
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 17:13:24 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	77325	38.770	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	93623	41.943	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	98750	41.784	ng	96
46) 1,1'-Biphenyl	13.53	154	324329	39.835	ng	99
47) 2-Chloronaphthalene	13.58	162	247973	39.429	ng	96
48) 2-Nitroaniline	13.79	65	83644	41.754	ng	94
49) Acenaphthylene	14.42	152	375608	39.950	ng	99
50) Dimethylphthalate	14.15	163	317183	39.992	ng	100
51) 2,6-Dinitrotoluene	14.28	165	72932	40.578	ng	99
52) Acenaphthene	14.76	154	224522	39.936	ng	100
53) 3-Nitroaniline	14.61	138	75805	41.374	ng	96
54) 2,4-Dinitrophenol	14.82	184	37686	38.139	ng	92
55) Dibenzofuran	15.10	168	377884	39.212	ng	98
56) 4-Nitrophenol	14.91	139	57111	41.089	ng	93
57) 2,4-Dinitrotoluene	15.07	165	101205	39.979	ng	98
58) Fluorene	15.74	166	284858	39.897	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	85639	40.277	ng	98
60) Diethylphthalate	15.50	149	338767	38.909	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	177004	39.733	ng	97
62) 4-Nitroaniline	15.78	138	77600	41.140	ng	96
63) Azobenzene	16.03	77	291261	40.044	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	67791	40.452	ng	95
66) n-Nitrosodiphenylamine	15.95	169	279525	40.495	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	117338	40.897	ng	95
68) Hexachlorobenzene	16.74	284	121960	41.006	ng	99
69) Atrazine	16.89	200	106847	41.710	ng	97
70) Pentachlorophenol	17.09	266	75636	42.995	ng	96
71) Phenanthrene	17.49	178	486515	39.936	ng	100
72) Anthracene	17.58	178	482500	40.119	ng	100
73) Carbazole	17.85	167	474355	39.881	ng	98
74) Di-n-butylphthalate	18.38	149	546212	40.022	ng	99
75) Fluoranthene	19.49	202	590095	39.149	ng	98
77) Benzidine	19.68	184	294199	44.097	ng	99
78) Pyrene	19.86	202	601206	40.341	ng	99
80) Butylbenzylphthalate	20.73	149	244320	41.961	ng	98
81) Benzo(a)anthracene	21.70	228	567756	41.302	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	230404	42.261	ng	100
83) Chrysene	21.77	228	534274	40.351	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	342637	41.492	ng	100
85) Di-n-octyl phthalate	22.80	149	572280	41.380	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	650294	41.776	ng	# 85
88) Benzo(b)fluoranthene	23.96	252	564303	40.749	ng	99
89) Benzo(k)fluoranthene	24.03	252	557094	40.399	ng	97
90) Benzo(a)pyrene	24.86	252	541816	40.556	ng	98
91) Dibenzo(a,h)anthracene	28.87	278	541770	40.728	ng	99
92) Benzo(g,h,i)perylene	30.00	276	531938	40.577	ng	97

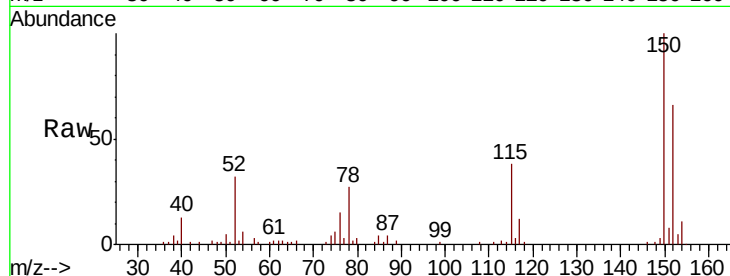
(#) = qualifier out of range (m) = manual integration (+) = signals summed



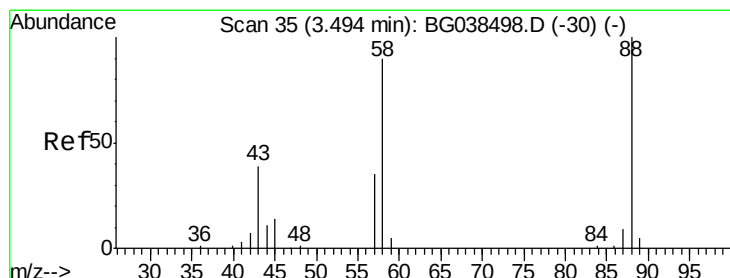
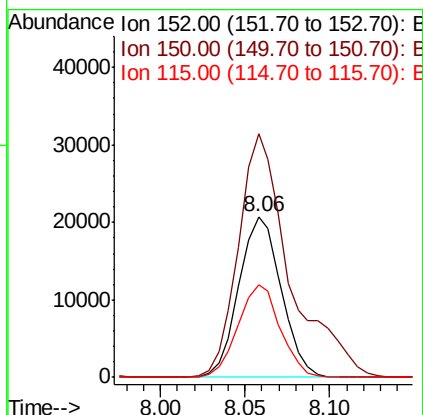
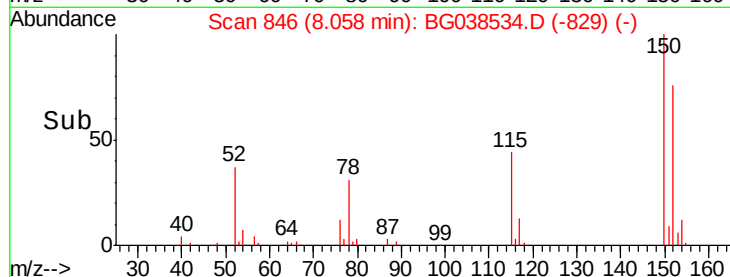
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36139
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 57.7 49.6 74.4

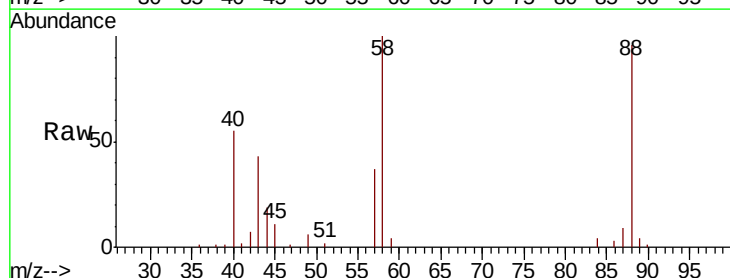


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

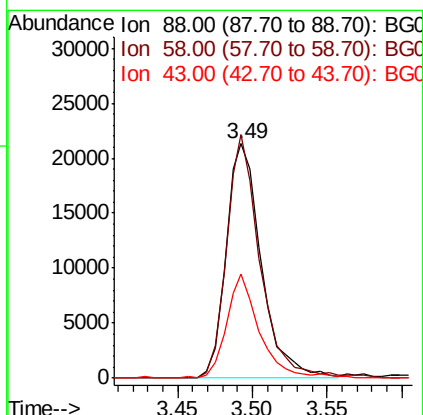
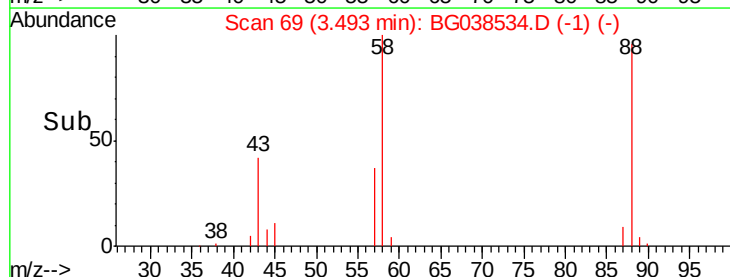


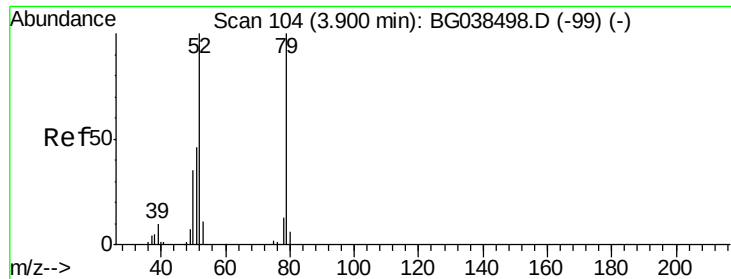
#2
1,4-Dioxane
Concen: 36.936 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion: 88 Resp: 35026
Ion Ratio Lower Upper
88 100
58 99.1 75.7 113.5
43 41.6 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: 38.247 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

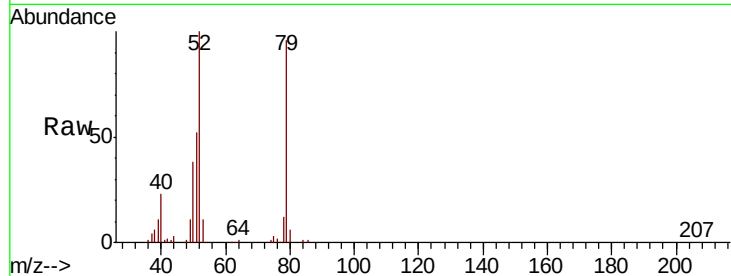
Tot Ion: 79 Resp: 99858

Ion Ratio Lower Upper

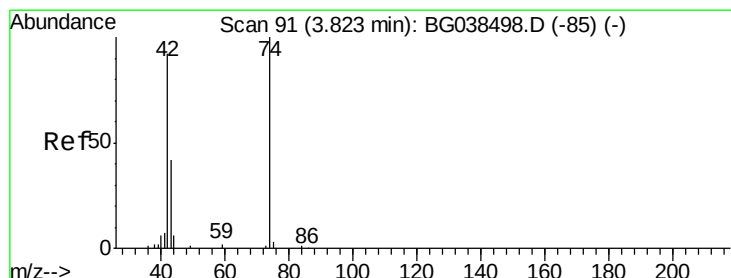
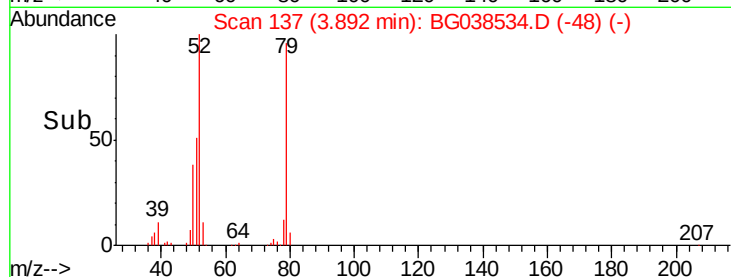
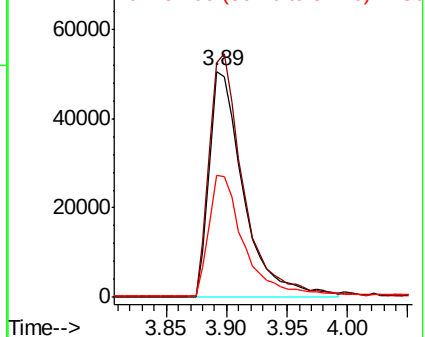
79 100

52 104.1 80.2 120.2

51 53.8 38.0 57.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.999 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

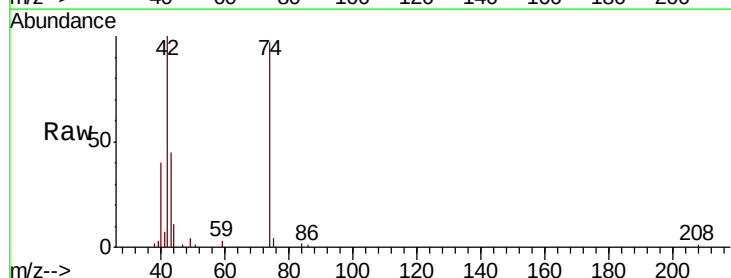
Tgt Ion: 42 Resp: 55008

Ion Ratio Lower Upper

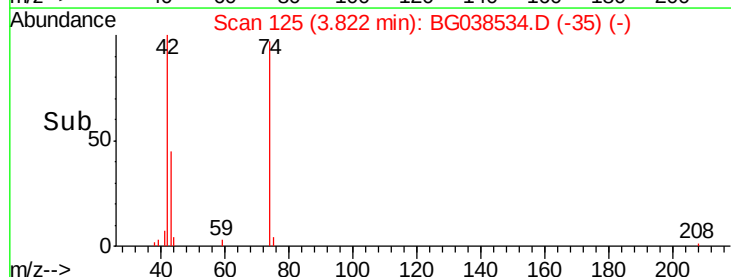
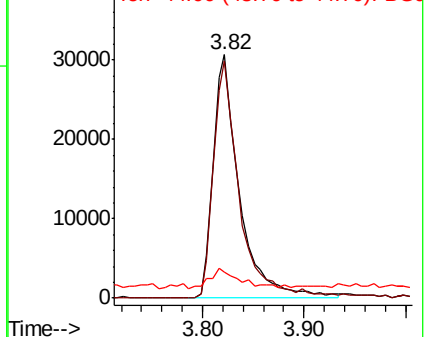
42 100

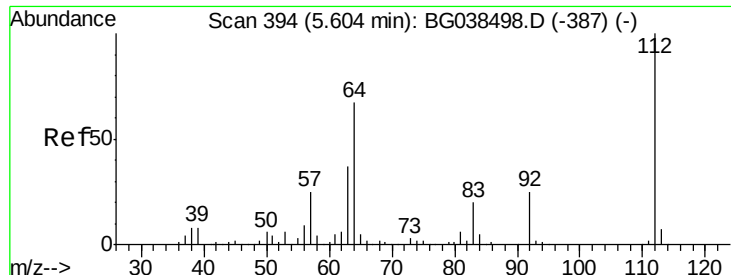
74 97.4 86.7 130.1

44 10.7 7.8 11.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.569 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampled :

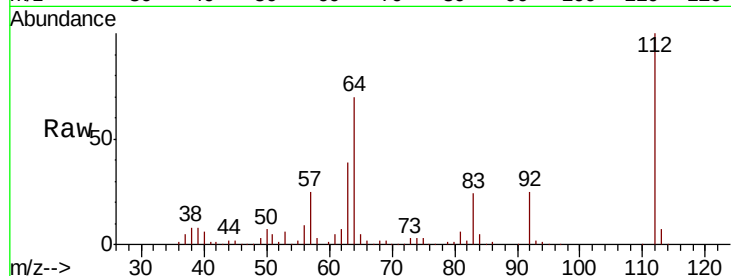
Tot Ion: 112 Resp: 162126

Ion Ratio Lower Upper

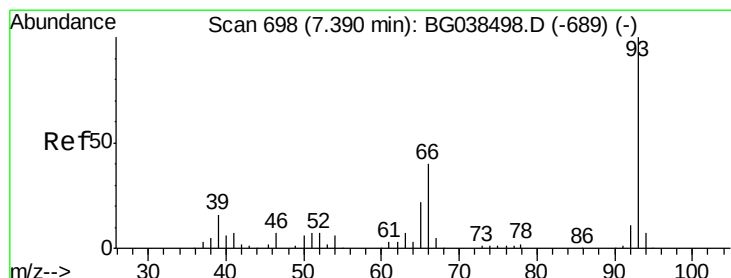
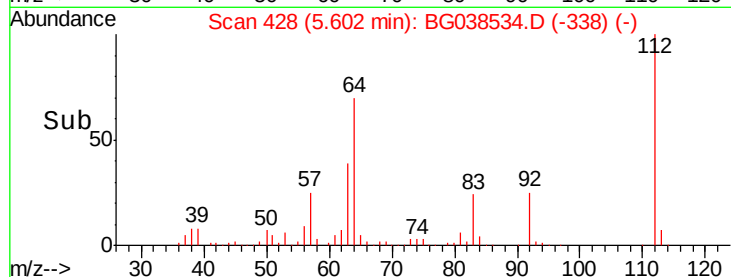
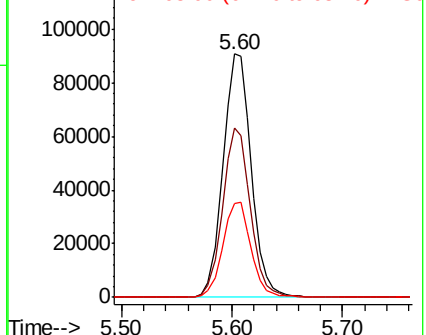
112 100

64 69.7 53.4 80.2

63 38.6 29.3 43.9



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



#6

Aniline

Concen: 40.147 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

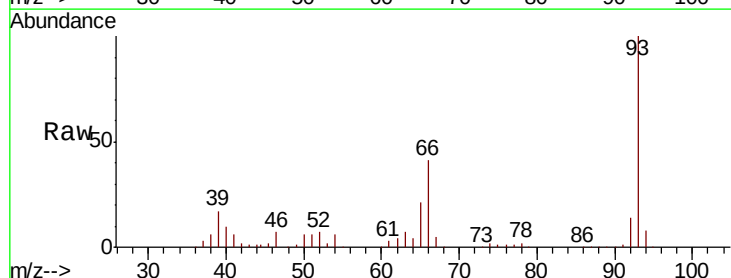
Tgt Ion: 93 Resp: 143355

Ion Ratio Lower Upper

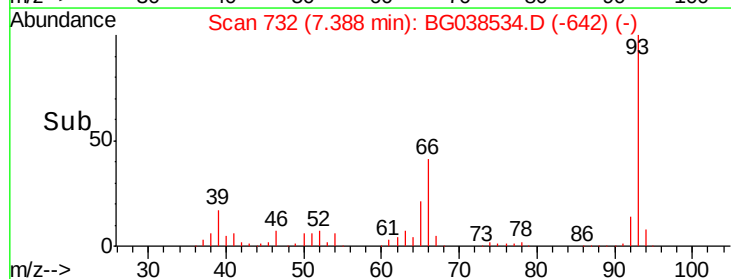
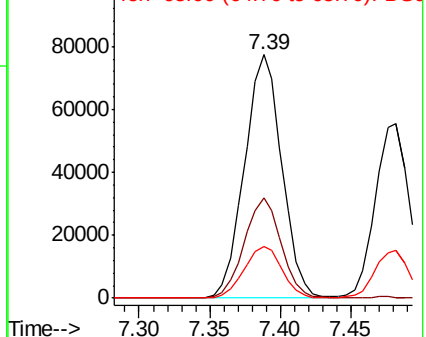
93 100

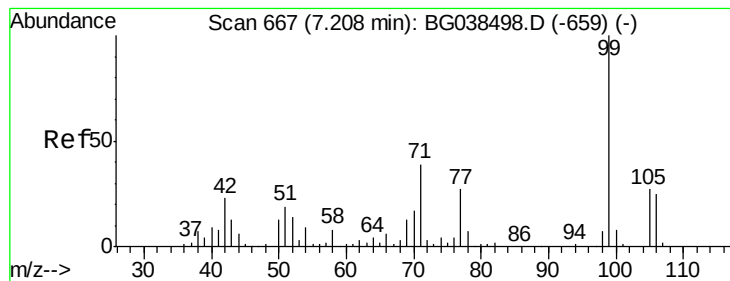
66 41.1 31.7 47.5

65 21.5 17.8 26.6



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





#7

Phenol-d6

Concen: 80.606 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

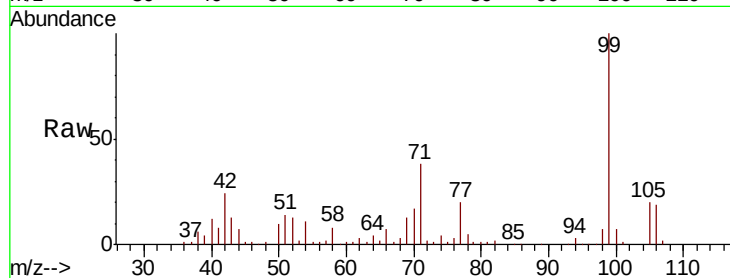
Tot Ion: 99 Resp: 225467

Ion Ratio Lower Upper

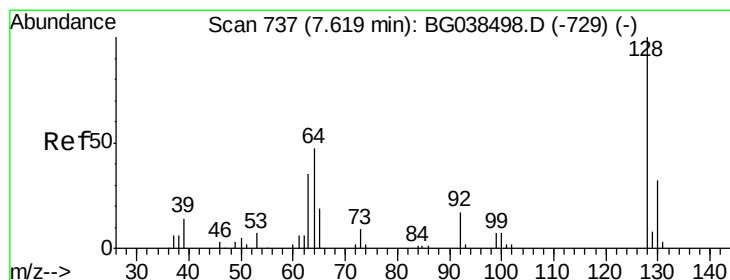
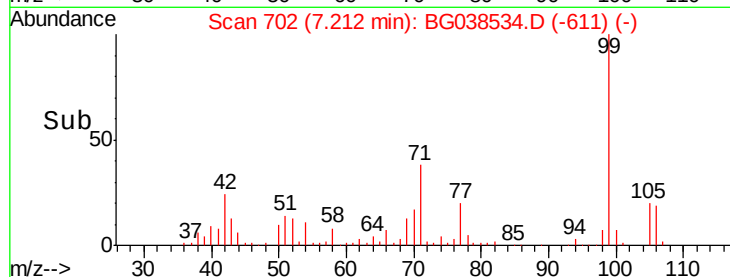
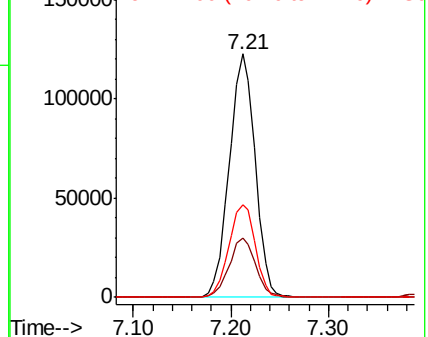
99 100

42 24.3 18.5 27.7

71 37.8 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: 40.267 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

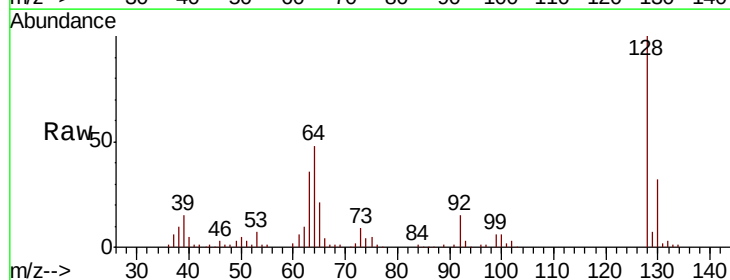
Tgt Ion: 128 Resp: 94946

Ion Ratio Lower Upper

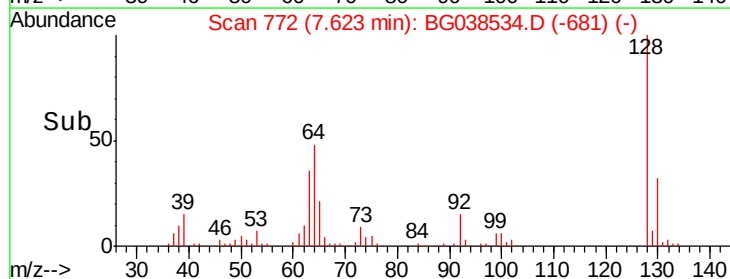
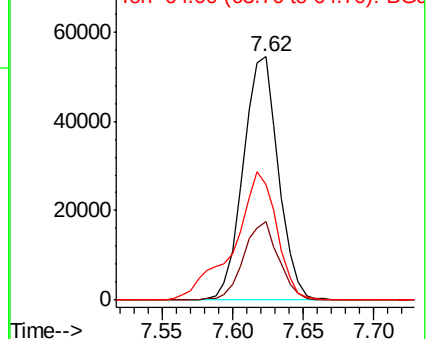
128 100

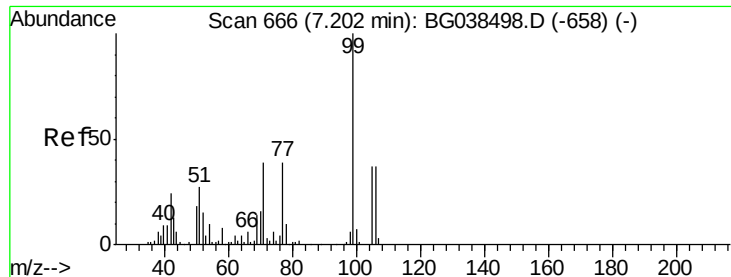
130 32.3 11.8 51.8

64 47.8 33.2 73.2



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





#9

Benzaldehyde

Concen: 37.371 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampled :

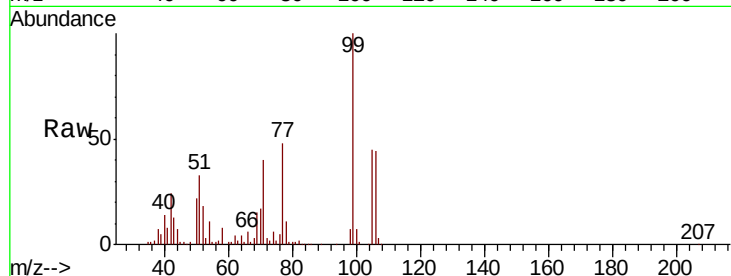
Tot Ion: 77 Resp: 67811

Ion Ratio Lower Upper

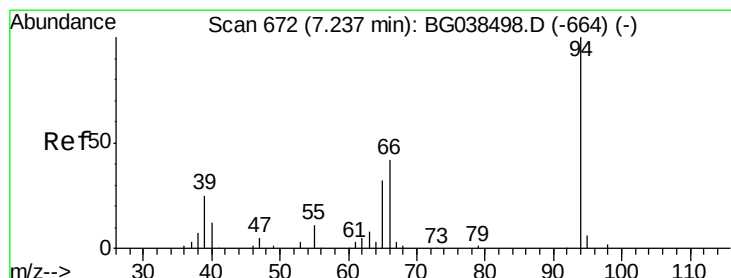
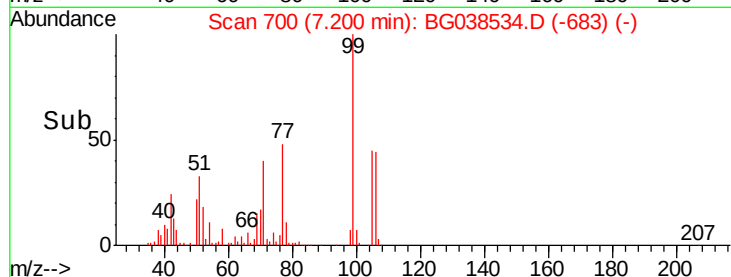
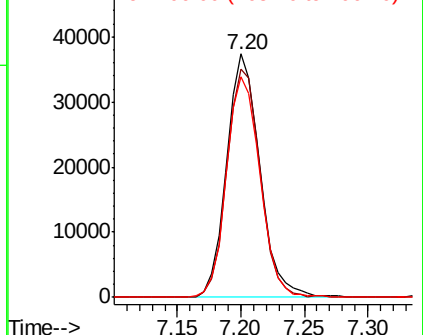
77 100

105 93.5 74.0 114.0

106 90.6 73.9 113.9



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



#10

Phenol

Concen: 39.861 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

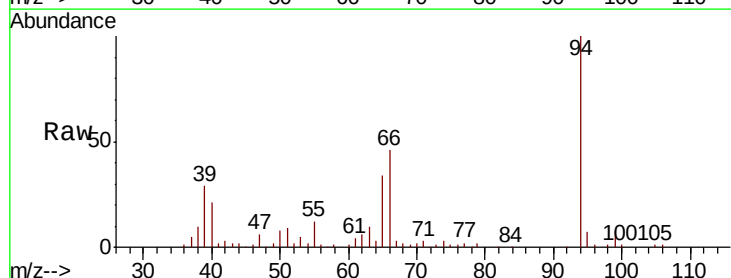
Tgt Ion: 94 Resp: 118456

Ion Ratio Lower Upper

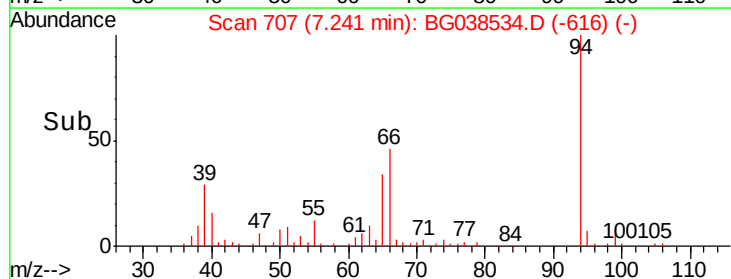
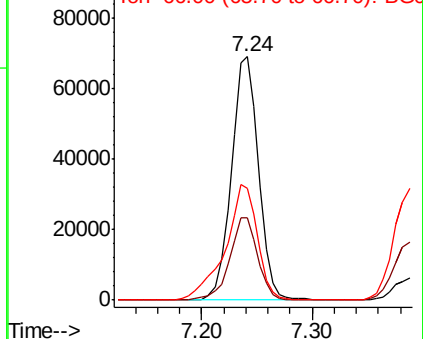
94 100

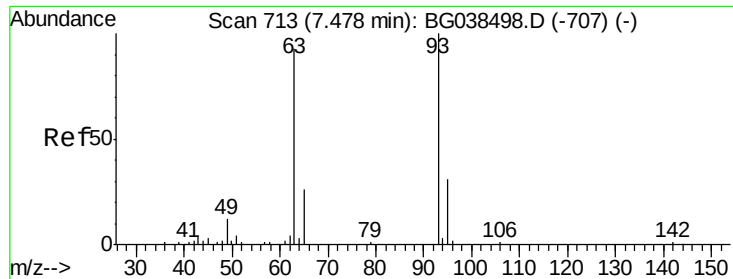
65 33.9 12.6 52.6

66 46.0 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

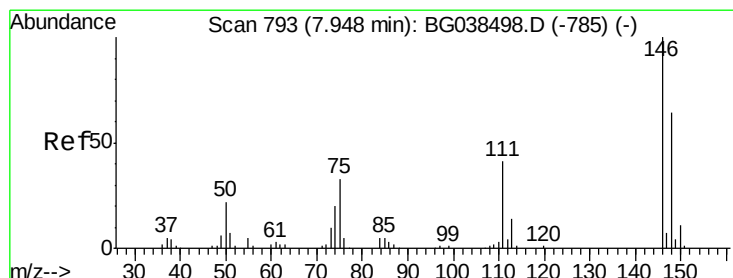
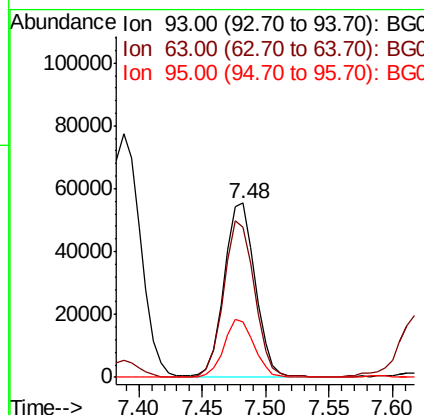
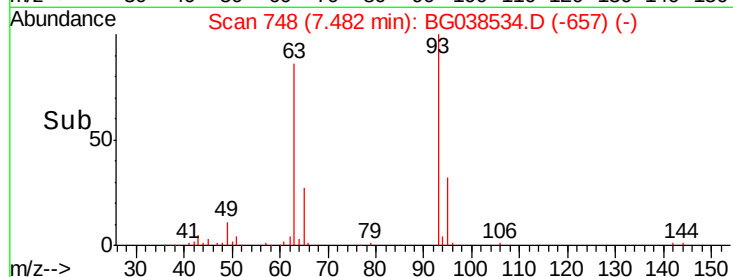
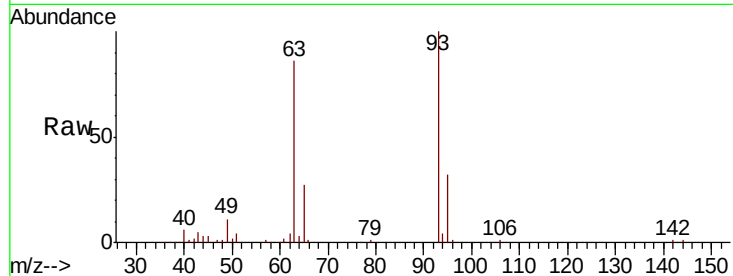




#11
 bis(2-Chloroethyl)ether
 Concen: 39.993 ng
 RT: 7.48 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

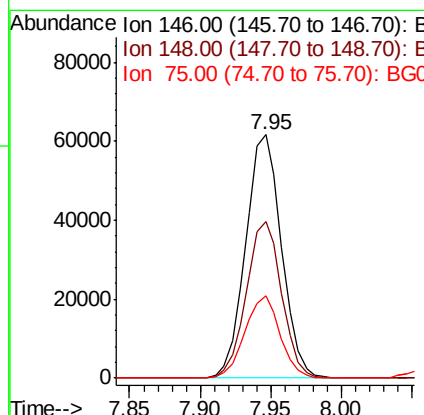
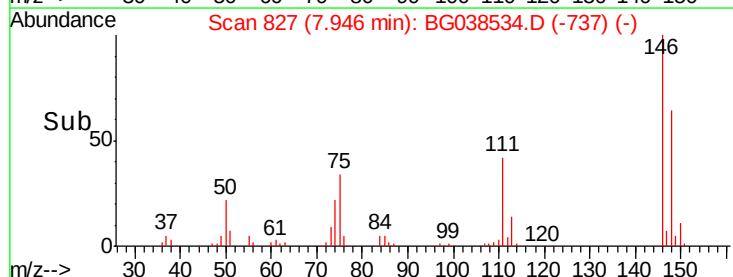
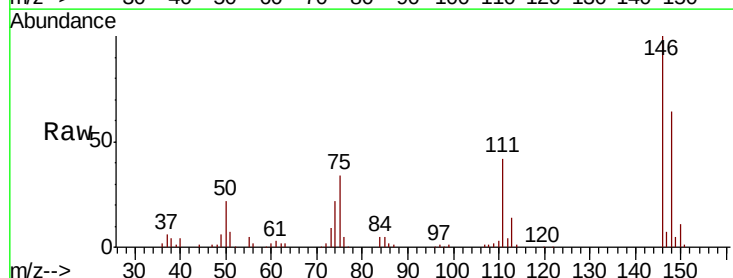
Instrument :
 BNA_G
 ClientSampleId :

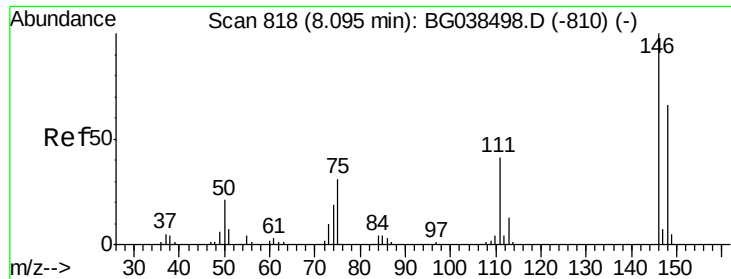
Tot Ion: 93 Resp: 94622
 Ion Ratio Lower Upper
 93 100
 63 86.4 72.2 112.2
 95 32.2 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.276 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion: 146 Resp: 109500
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.0
 75 33.9 26.1 39.1

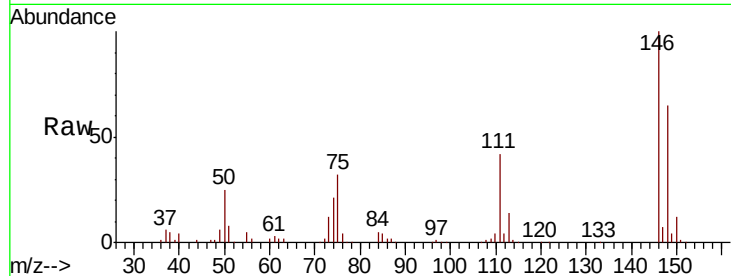




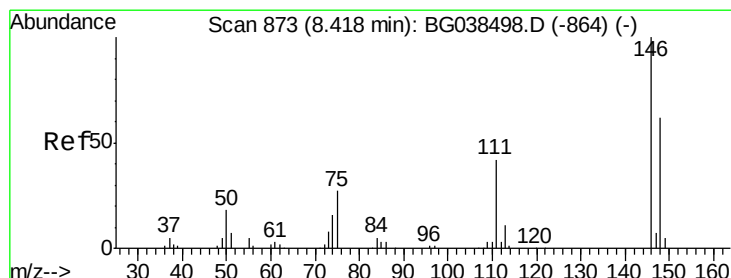
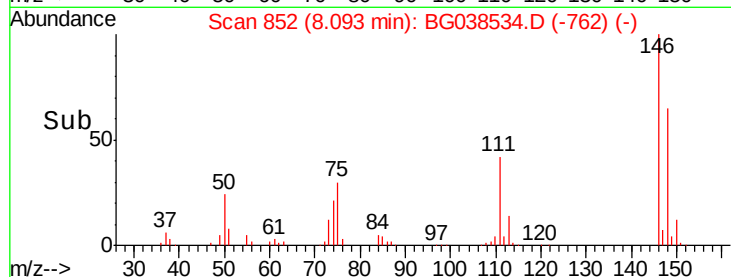
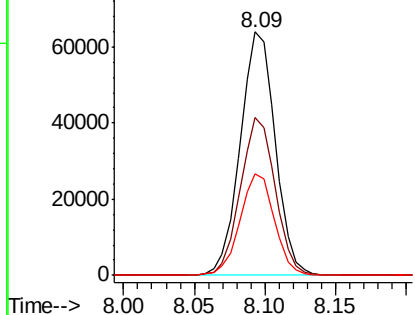
#13
1,4-Dichlorobenzene
Concen: 38.917 ng
RT: 8.09 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 111121
Ion Ratio Lower Upper
146 100
148 65.0 52.4 78.6
111 41.5 33.0 49.4

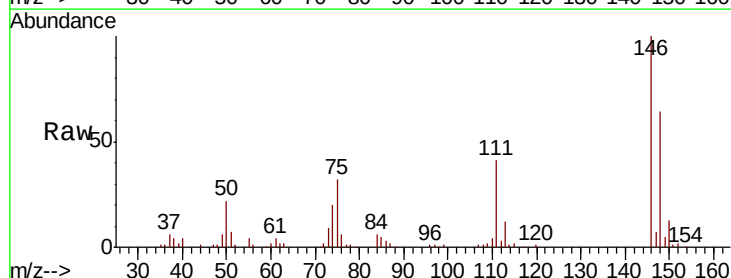


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

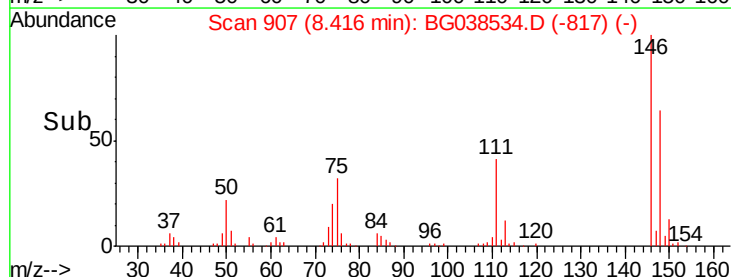
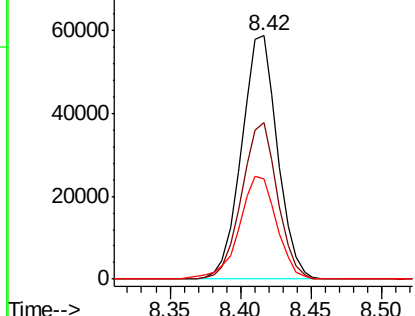


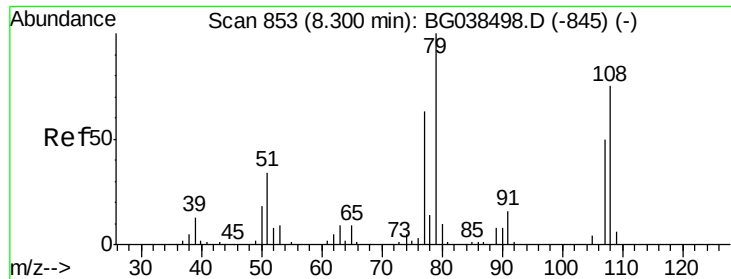
#14
1,2-Dichlorobenzene
Concen: 38.879 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion:146 Resp: 104656
Ion Ratio Lower Upper
146 100
148 64.1 49.4 74.0
111 41.0 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 41.358 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

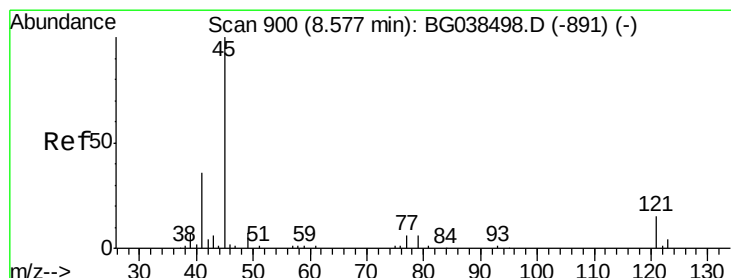
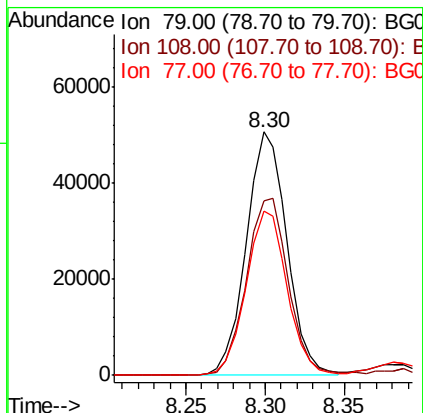
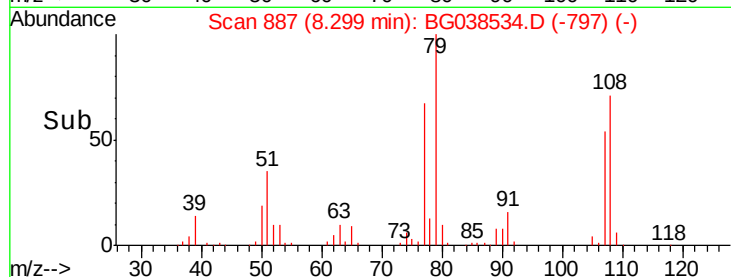
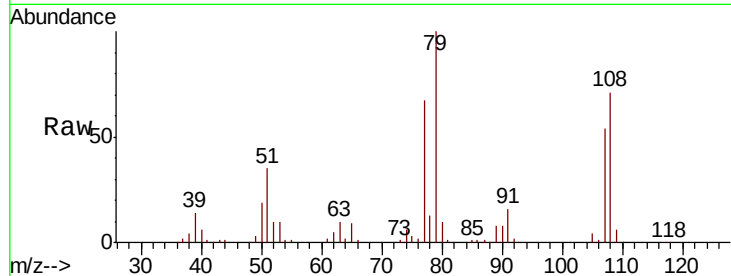
Tot Ion: 79 Resp: 90297

Ion Ratio Lower Upper

79 100

108 71.5 60.2 90.4

77 67.3 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.560 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

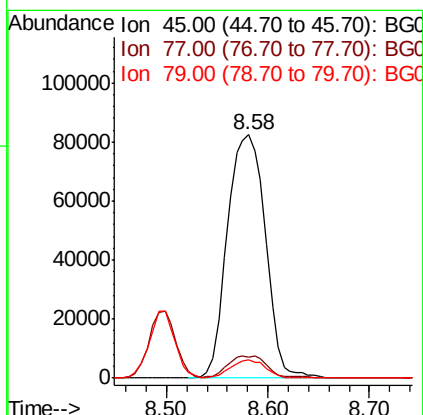
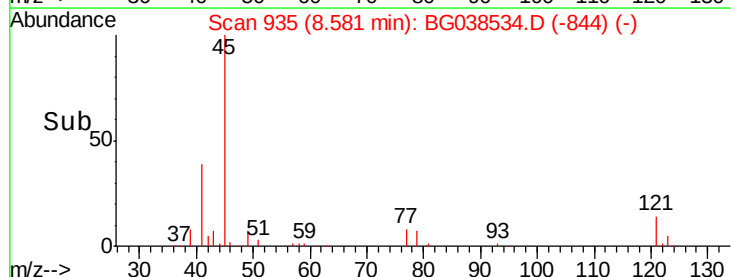
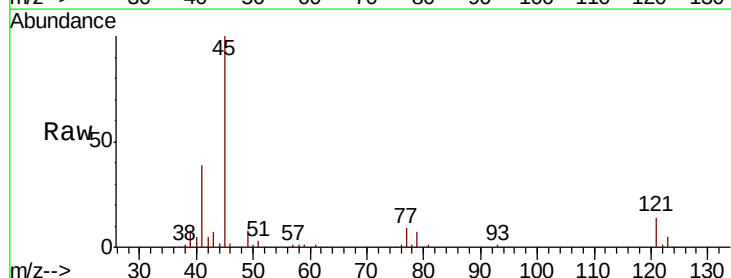
Tgt Ion: 45 Resp: 214406

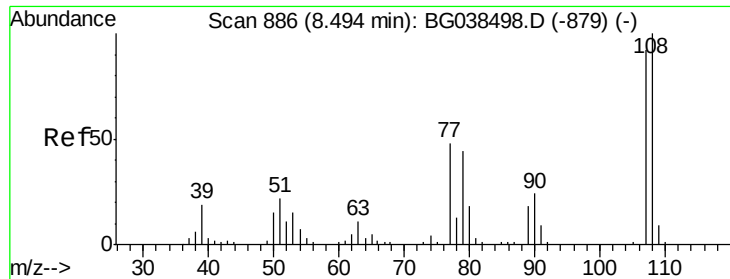
Ion Ratio Lower Upper

45 100

77 8.8 0.0 28.2

79 7.3 0.0 27.2

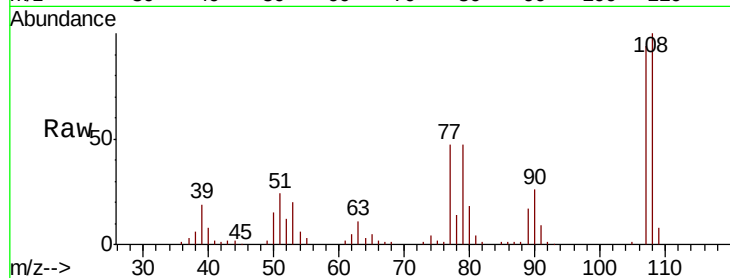




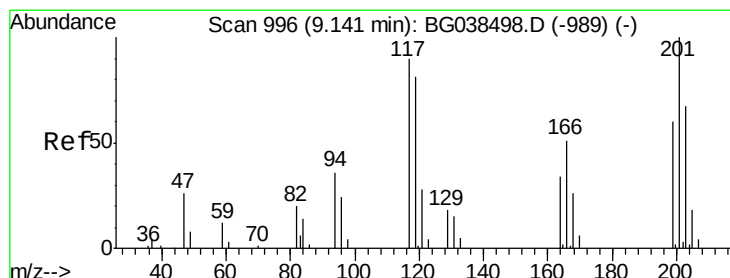
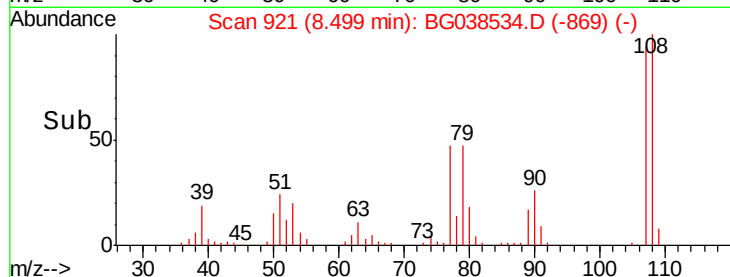
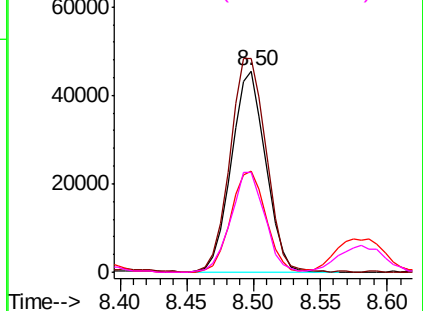
#17
2-Methylphenol
Concen: 40.790 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 81213
Ion Ratio Lower Upper
107 100
108 106.0 87.1 130.7
77 50.3 42.0 63.0
79 49.5 38.2 57.2

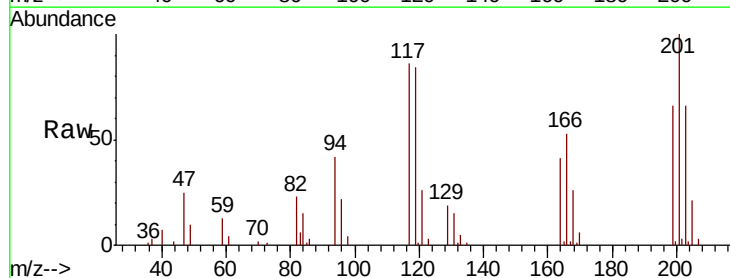


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

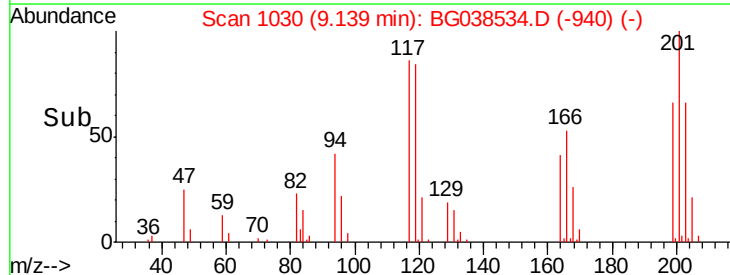
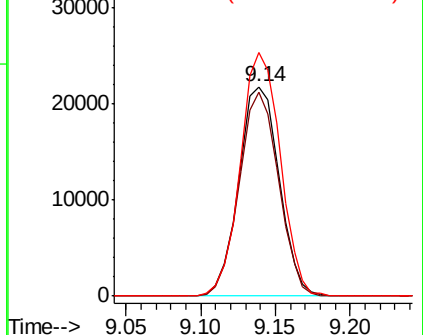


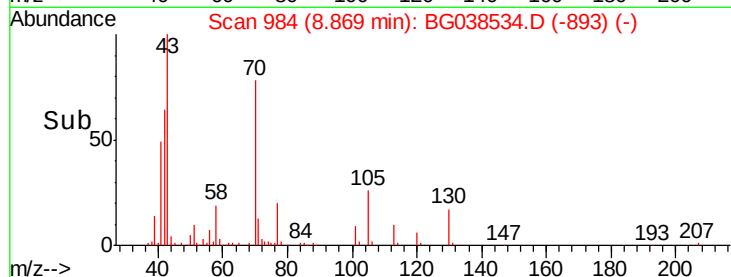
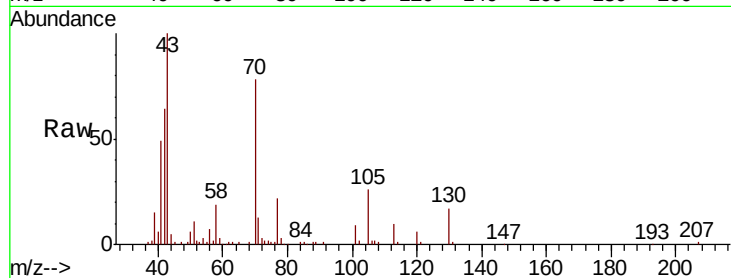
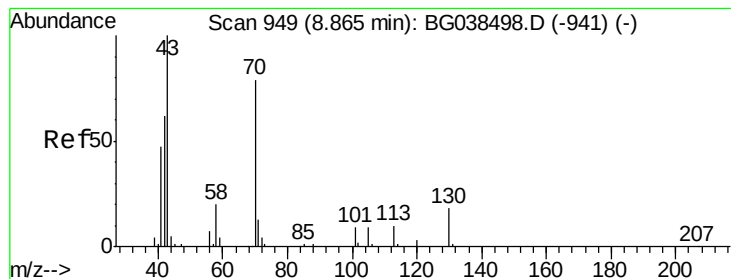
#18
Hexachloroethane
Concen: 39.064 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion:117 Resp: 40758
Ion Ratio Lower Upper
117 100
119 97.4 73.8 110.8
201 119.4 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: 40.912 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 80374

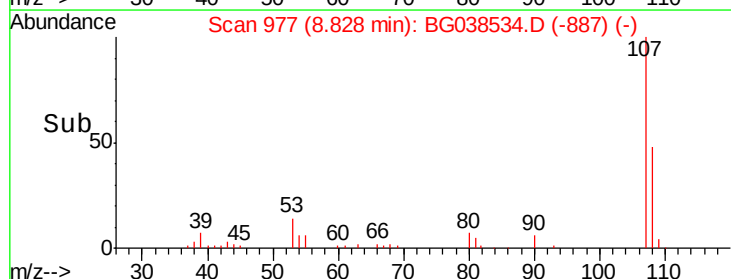
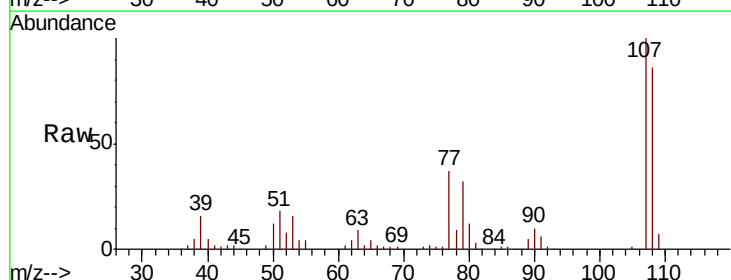
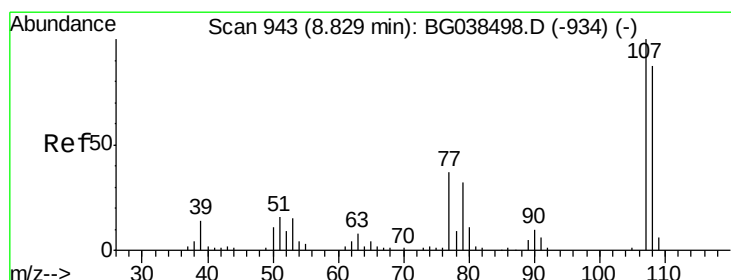
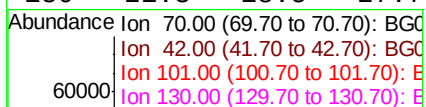
Ion Ratio Lower Upper

70 100

42 82.0 63.6 95.4

101 11.1 9.2 13.8

130 21.3 18.5 27.7



#20

3+4-Methylphenols

Concen: 42.492 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Tgt Ion: 107 Resp: 116838

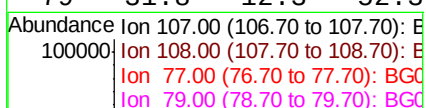
Ion Ratio Lower Upper

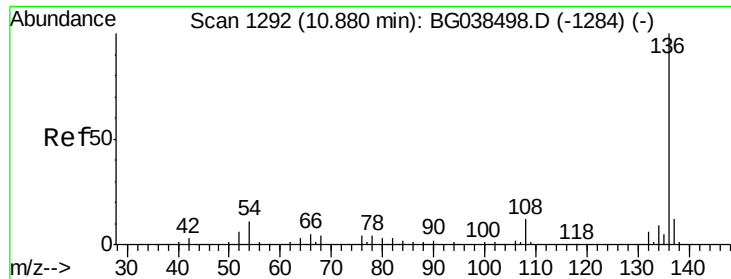
107 100

108 86.2 66.7 106.7

77 37.3 17.3 57.3

79 31.8 12.3 52.3

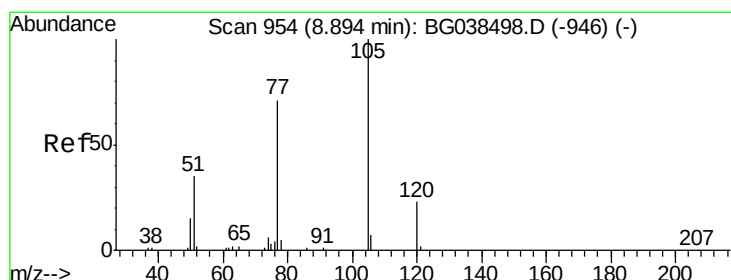
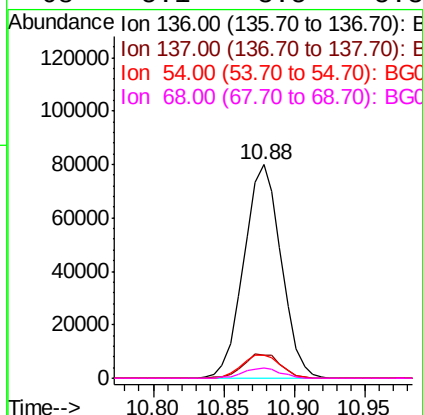
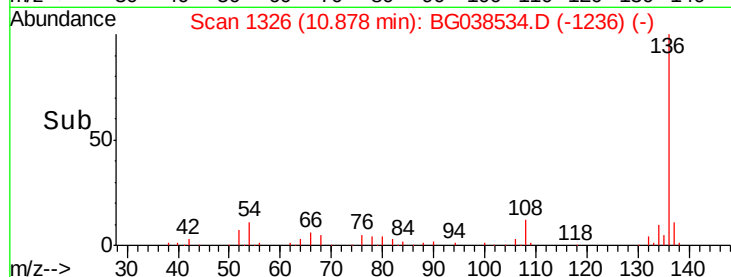
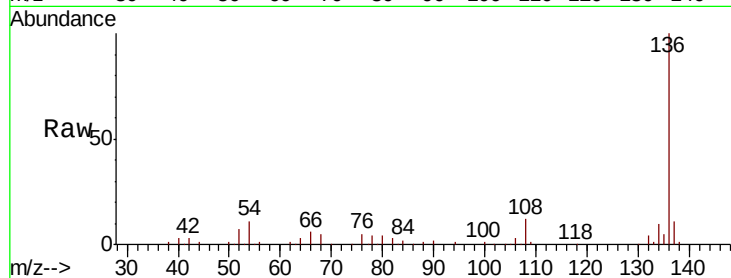




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

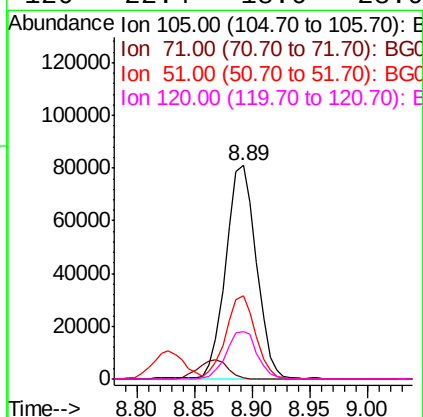
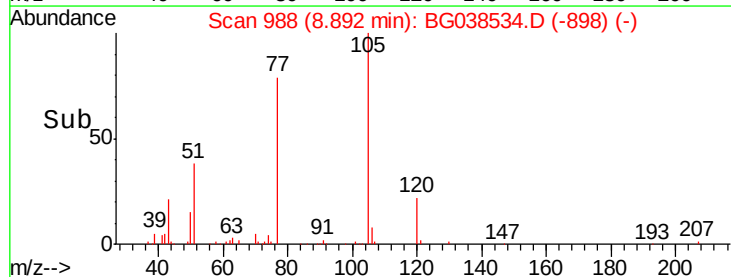
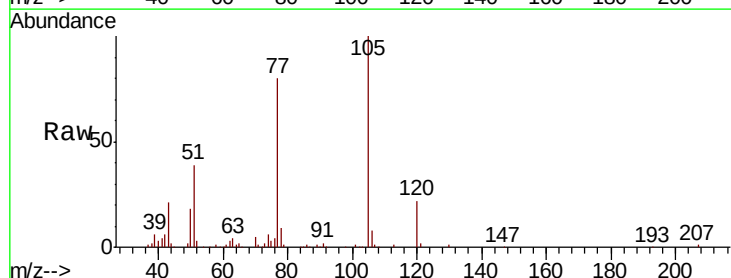
Instrument :
BNA_G
ClientSampleId :

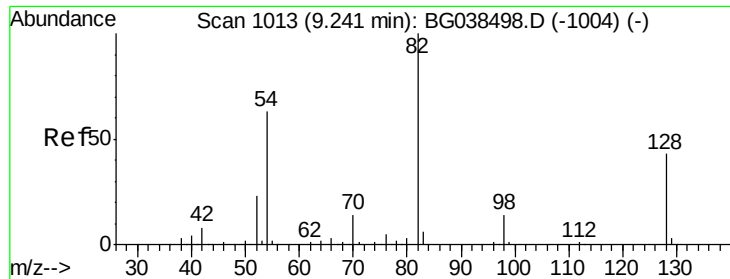
Tot Ion:	136	Resp:	147680
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	11.0	8.5	12.7
68	5.1	3.5	5.3



#22
Acetophenone
Concen: 40.331 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion:	105	Resp:	148769
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6#
51	39.0	30.6	46.0
120	22.4	18.6	28.0

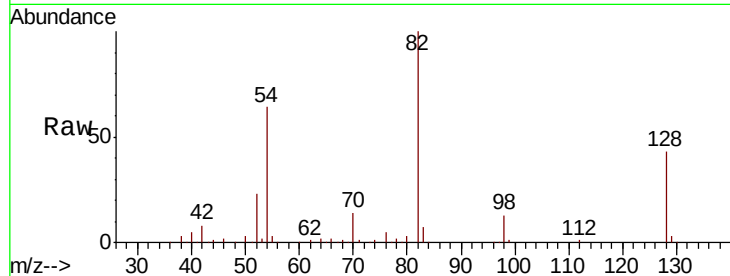




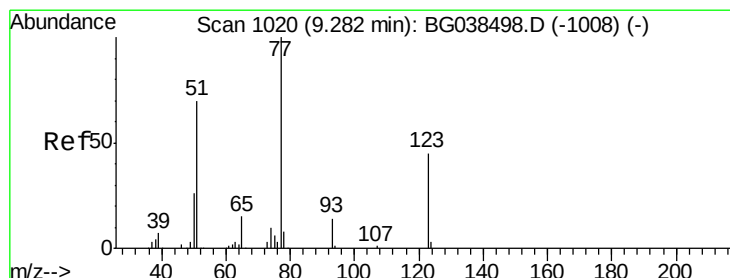
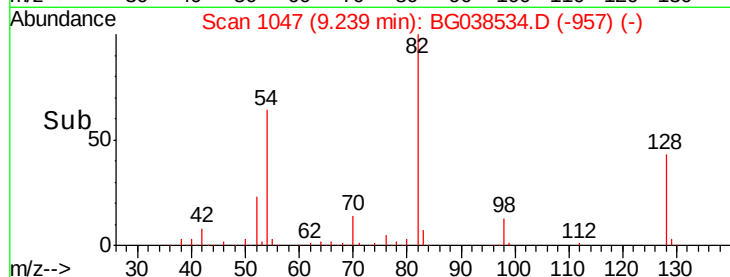
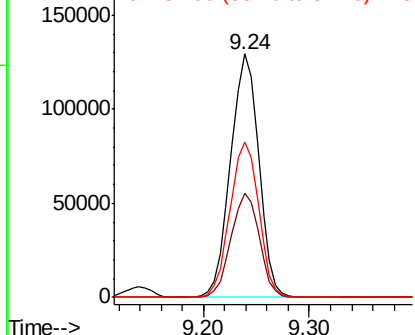
#23
Nitrobenzene-d5
Concen: 82.693 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	63.8	50.6	76.0

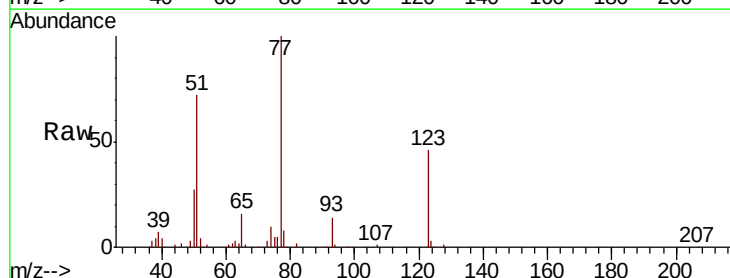


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

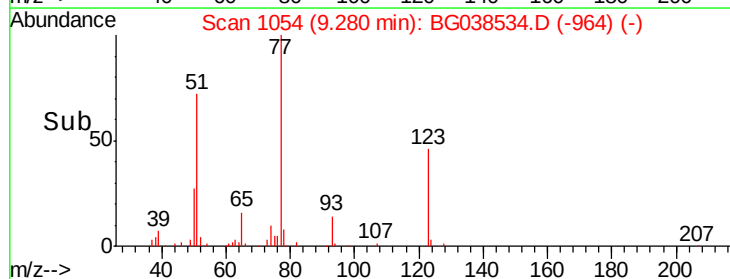
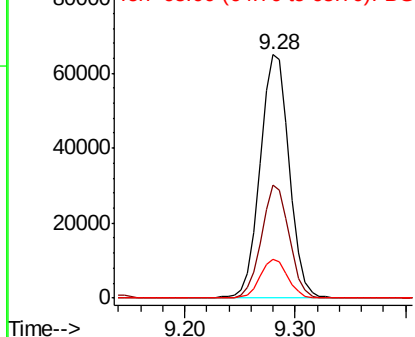


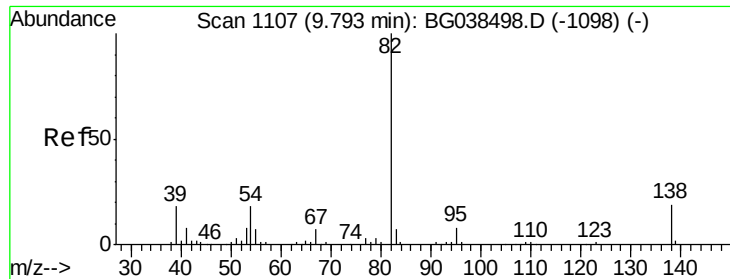
#24
Nitrobenzene
Concen: 41.007 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	35.9	53.9
65	15.9	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: 38.492 ng

RT: 9.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampled :

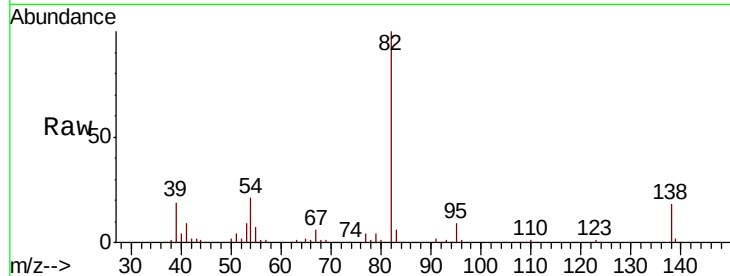
Tot Ion: 82 Resp: 199920

Ion Ratio Lower Upper

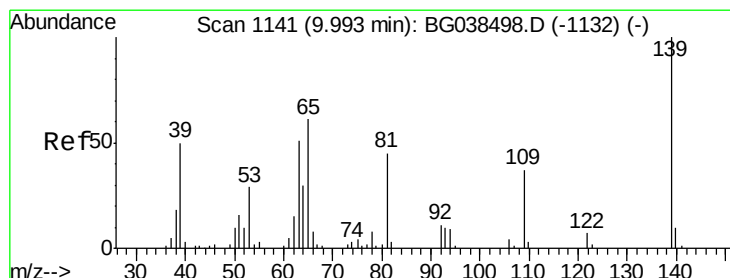
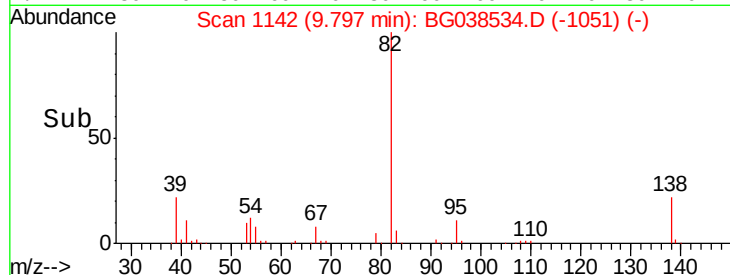
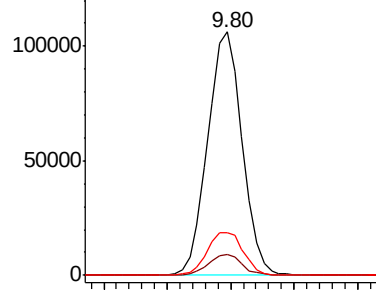
82 100

95 8.6 6.1 9.1

138 17.6 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: 40.798 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

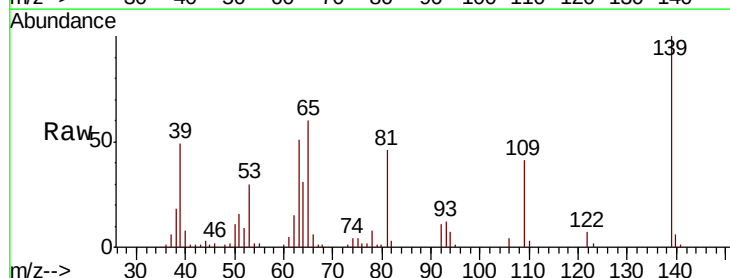
Tgt Ion: 139 Resp: 61064

Ion Ratio Lower Upper

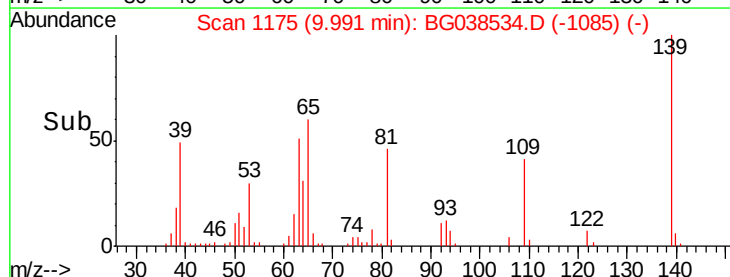
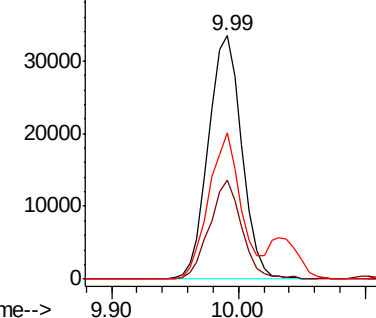
139 100

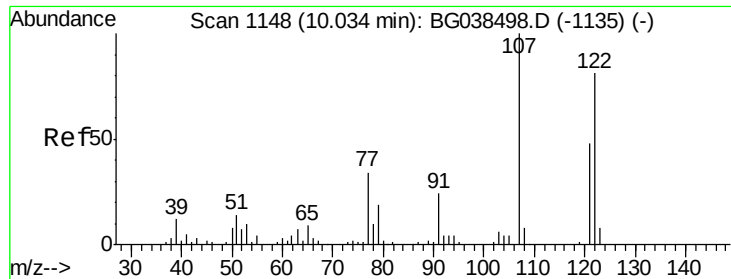
109 40.8 29.5 44.3

65 59.9 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

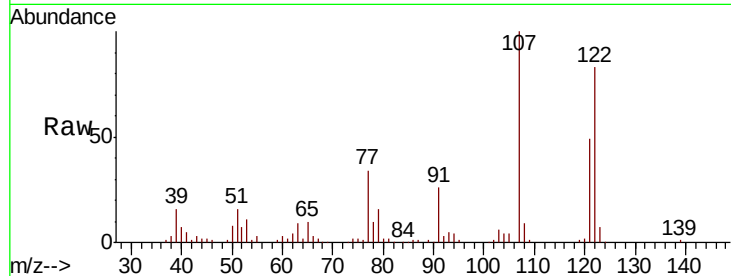




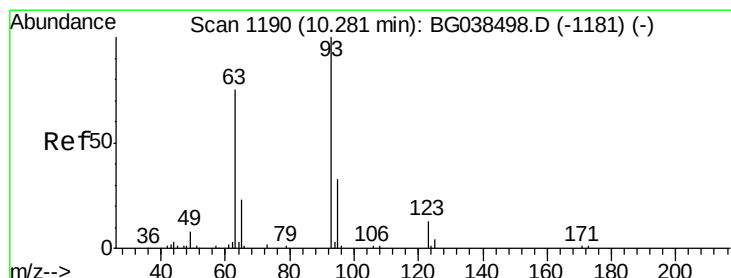
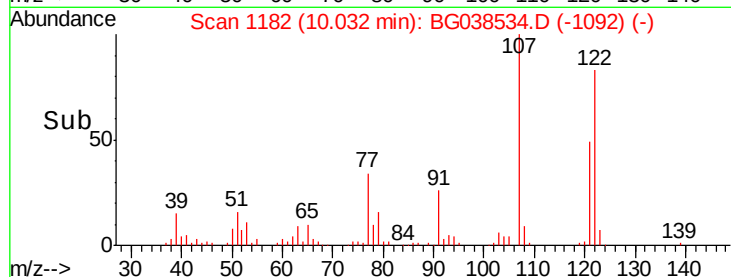
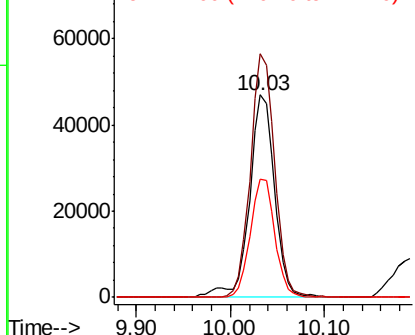
#27
 2,4-Dimethylphenol
 Concen: 40.536 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 86954
 Ion Ratio Lower Upper
 122 100
 107 120.4 98.4 147.6
 121 58.7 47.2 70.8

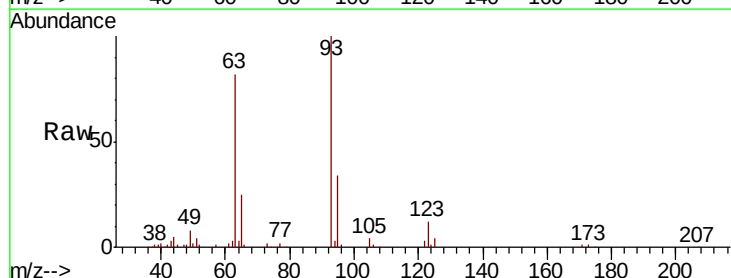


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

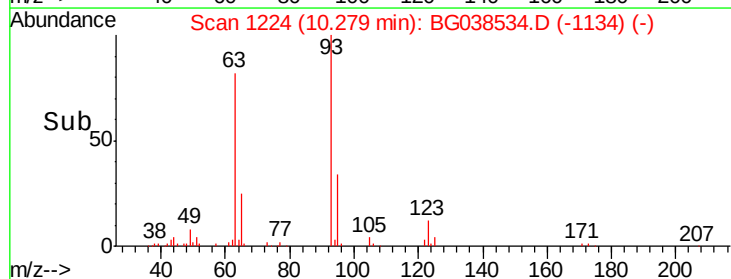
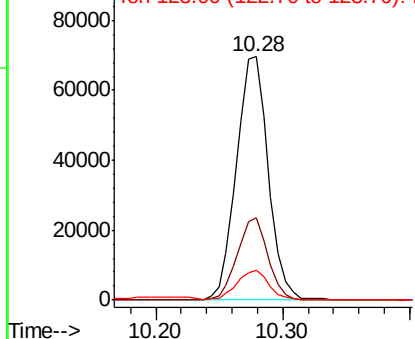


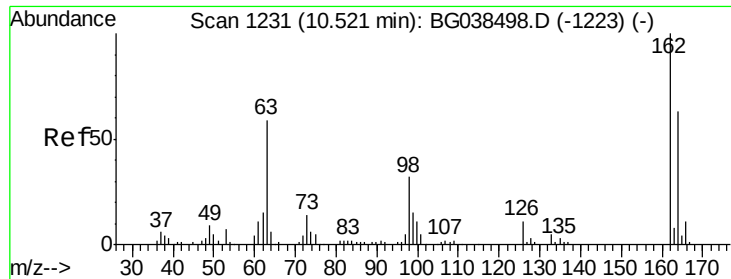
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.328 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion: 93 Resp: 121133
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.6 40.0
 123 12.2 10.6 16.0



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

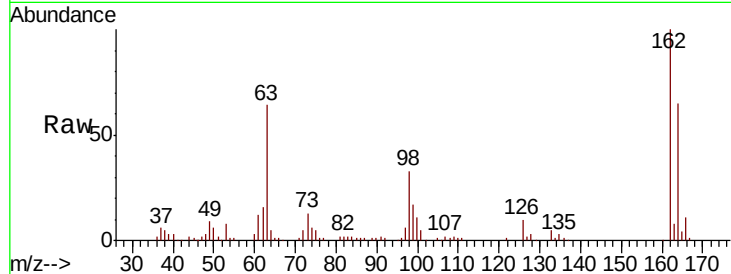




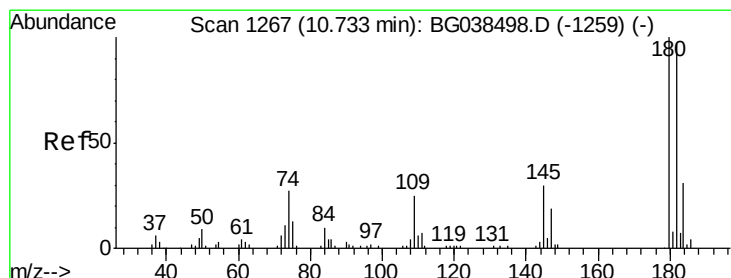
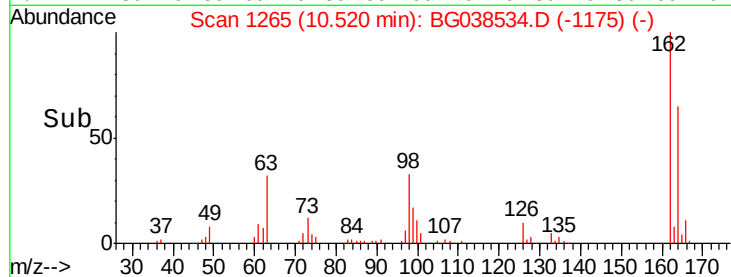
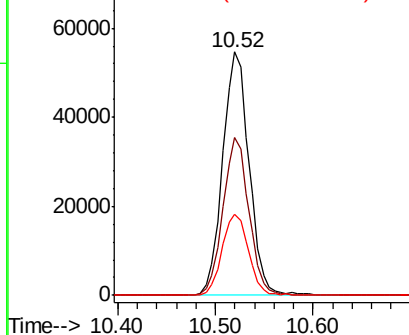
#29
 2,4-Dichlorophenol
 Concen: 42.947 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.9	82.9
98	33.2	12.1	52.1

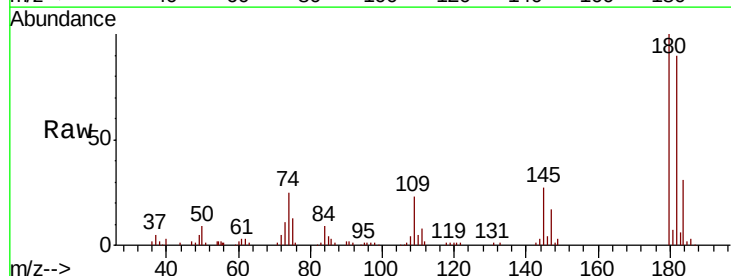


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

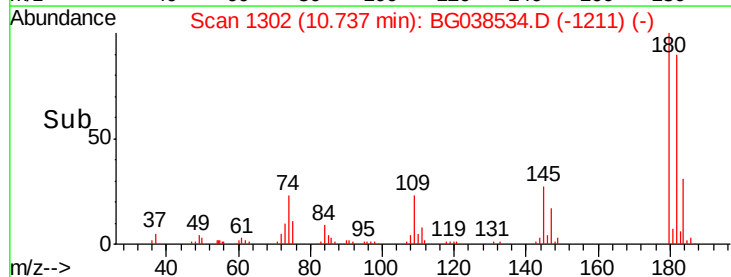
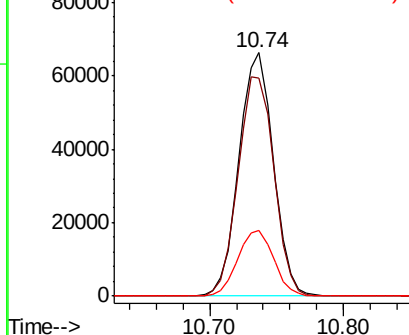


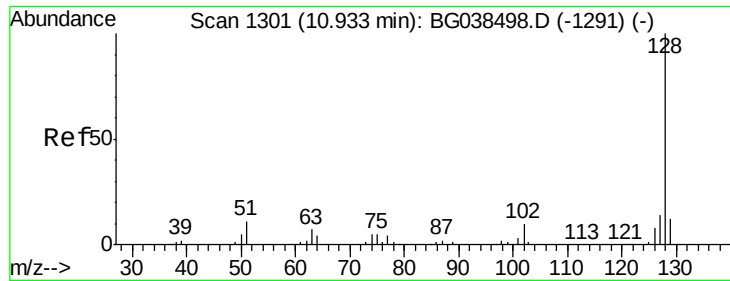
#30
 1,2,4-Trichlorobenzene
 Concen: 41.023 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.6	77.4	116.0
145	27.1	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

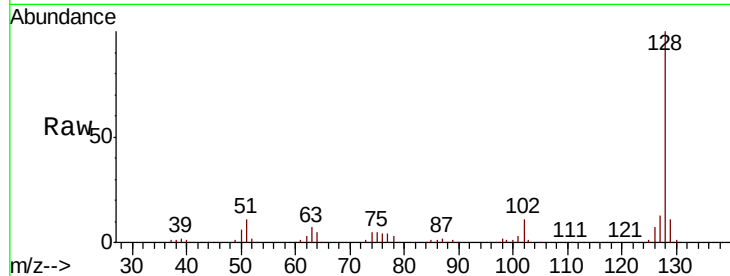




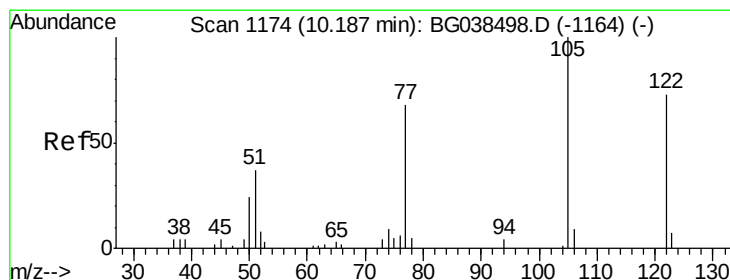
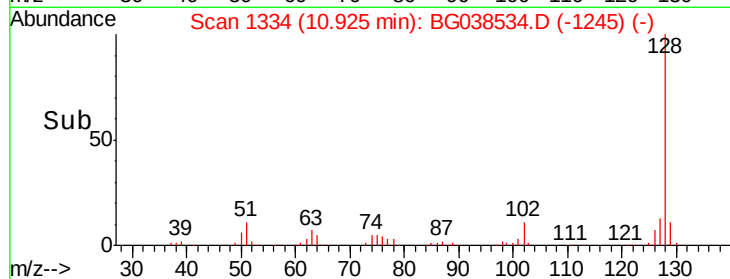
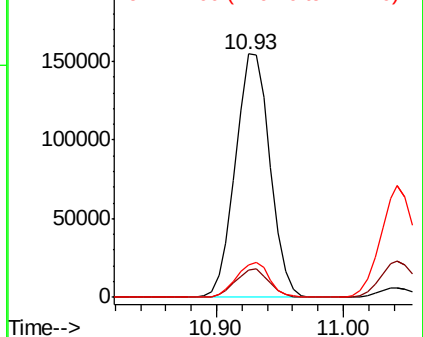
#31
Naphthalene
Concen: 40.193 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 292455
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.3 10.9 16.3

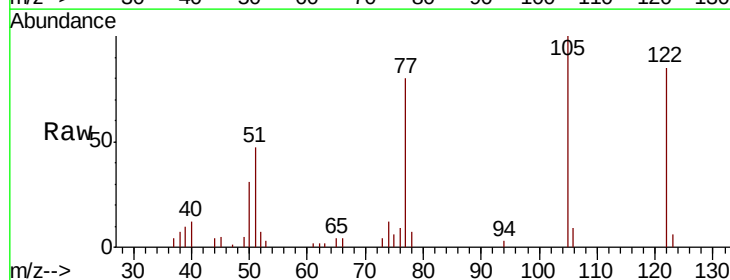


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

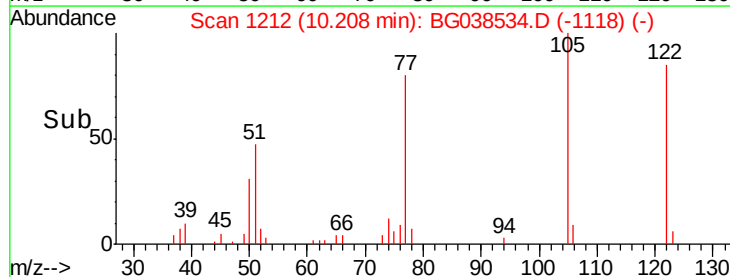
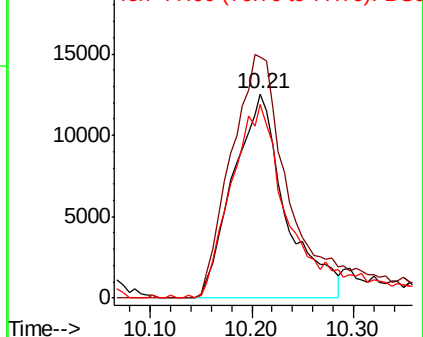


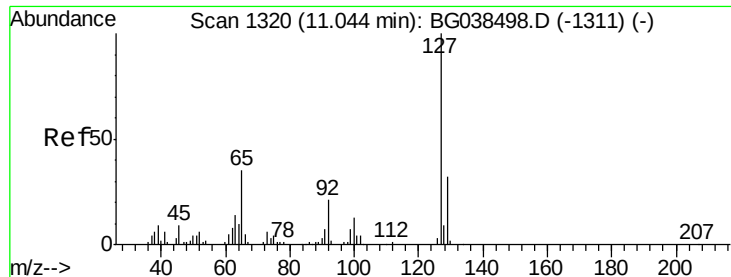
#32
Benzoic acid
Concen: 36.260 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.02 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion:122 Resp: 45108
Ion Ratio Lower Upper
122 100
105 117.9 116.7 156.7
77 94.8 72.5 112.5



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

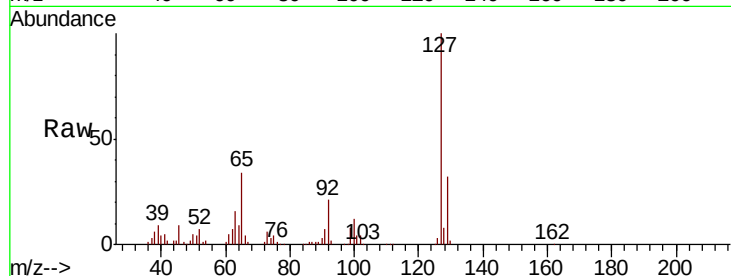




#33
4-Chloroaniline
Concen: 42.609 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	134604
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	34.0	27.8	41.6
92	20.5	17.0	25.6



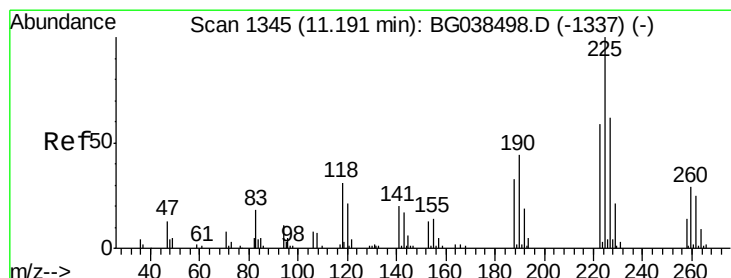
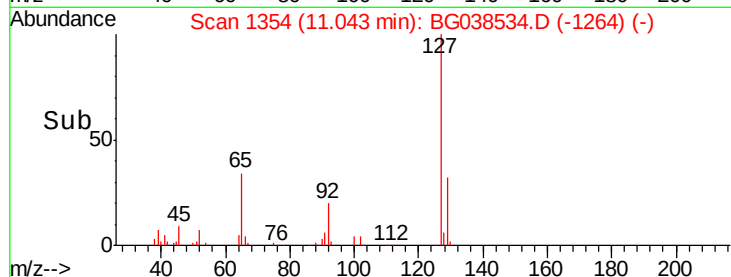
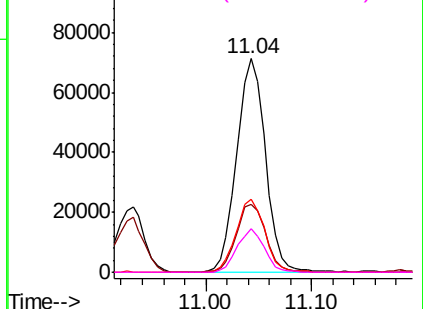
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

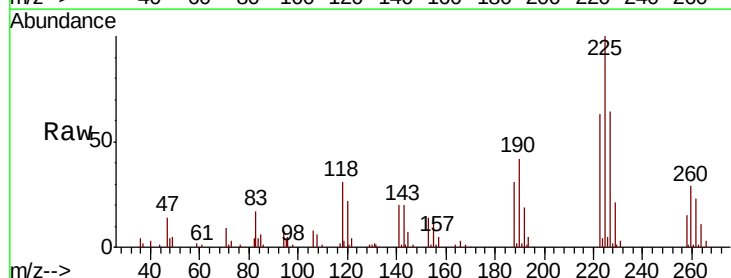
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.982 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion:	225	Resp:	79933
Ion	Ratio	Lower	Upper
225	100		
223	59.7	45.0	67.6
227	63.1	50.6	75.8

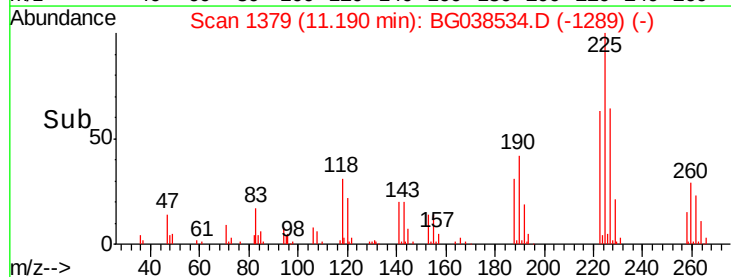
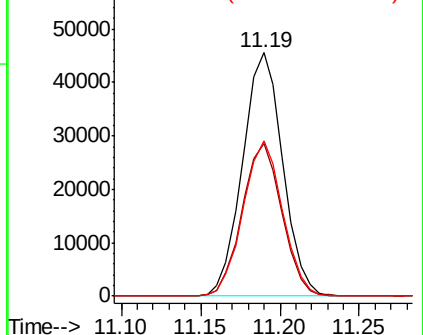


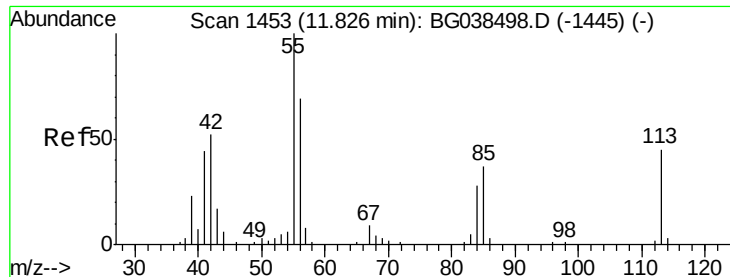
Abundance

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

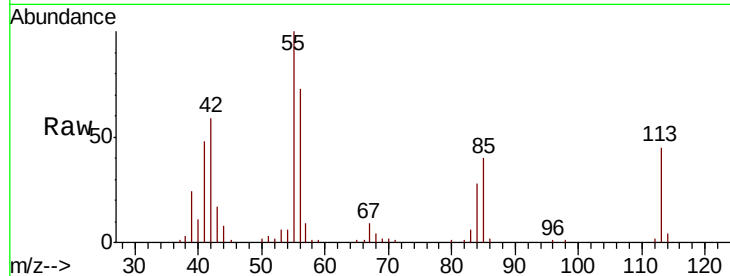




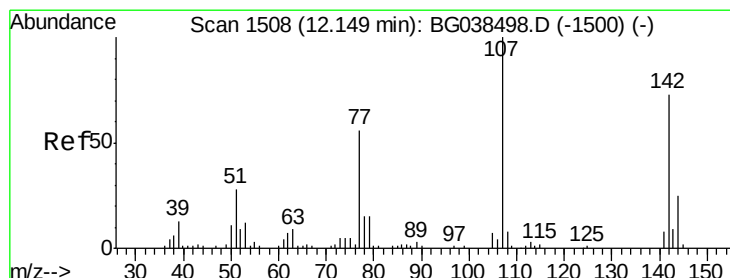
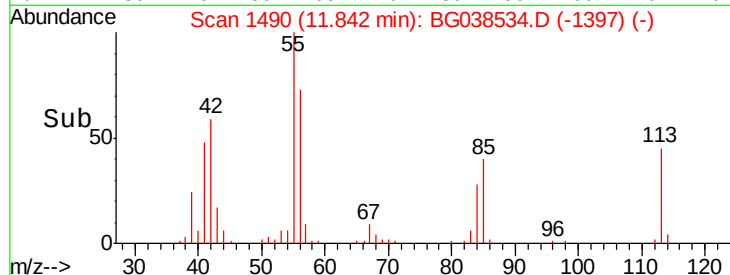
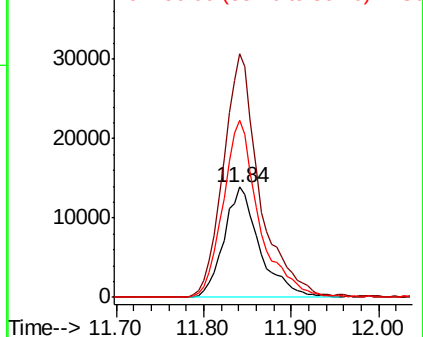
#35
 Caprolactam
 Concen: 39.406 ng
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.02 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 38917
 Ion Ratio Lower Upper
 113 100
 55 220.8 204.3 244.3
 56 161.1 135.0 175.0

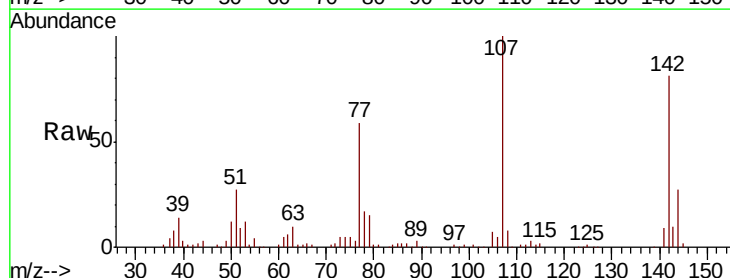


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

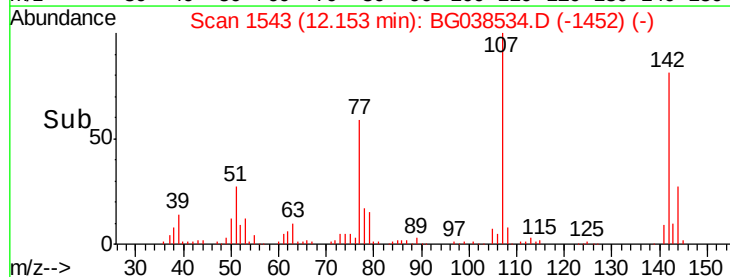
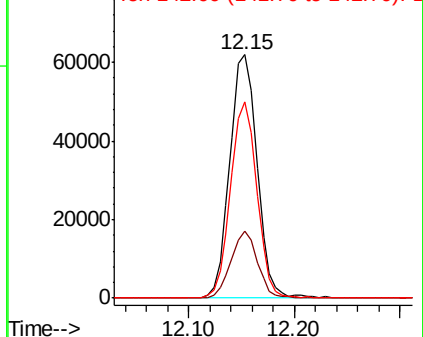


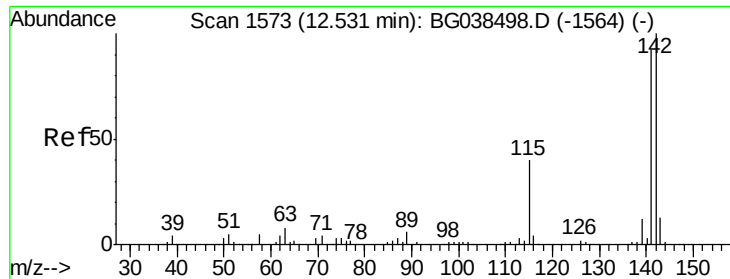
#36
 4-Chloro-3-methylphenol
 Concen: 40.651 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion:107 Resp: 110702
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.1 30.1
 142 80.7 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

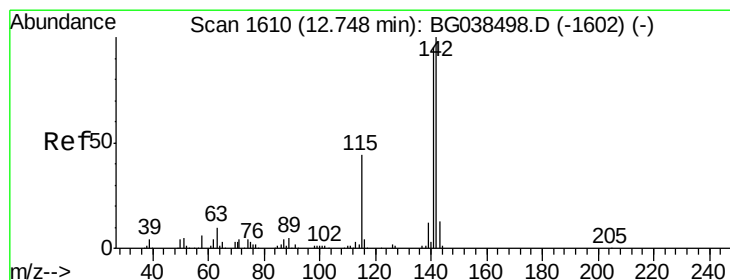
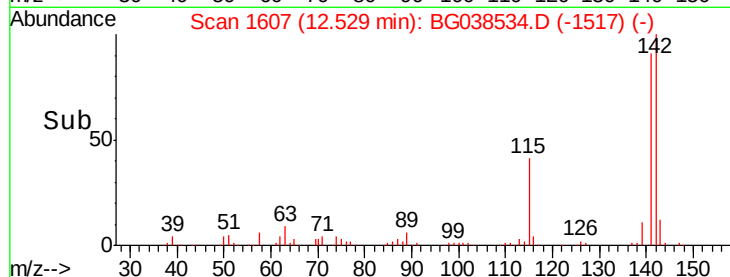
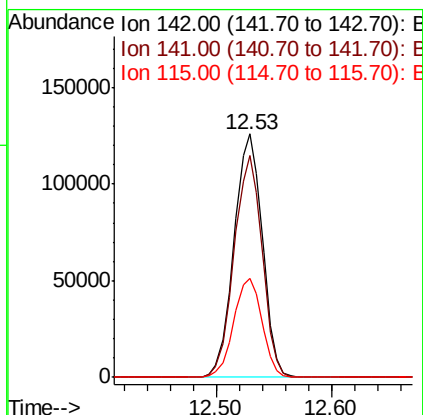
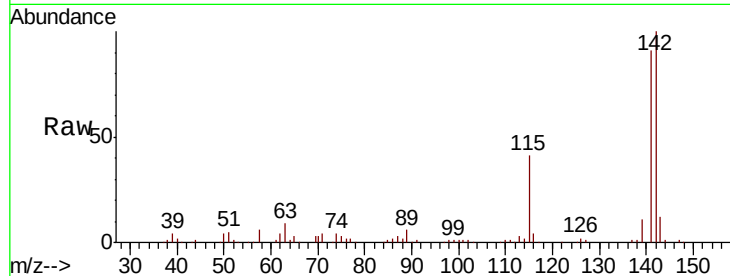




#37
2-Methylnaphthalene
Concen: 41.076 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

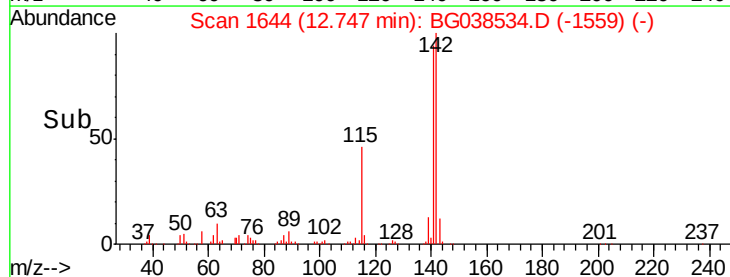
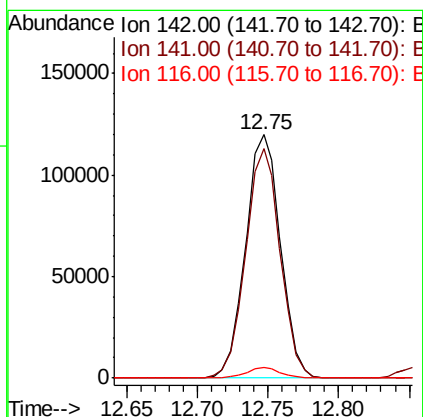
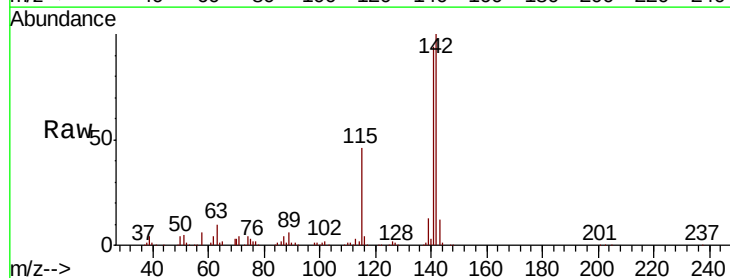
Instrument :
BNA_G
ClientSampleId :

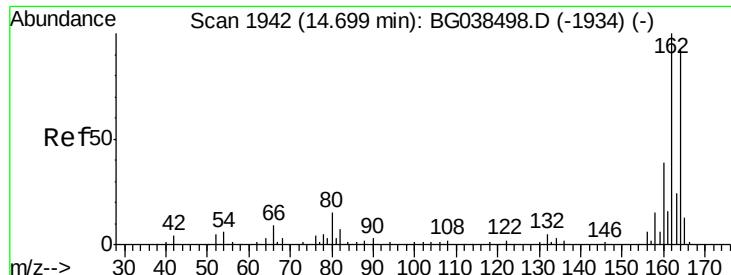
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.5	110.3
115	40.5	31.7	47.5



#38
1-Methylnaphthalene
Concen: 41.146 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.8	113.8
116	4.3	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: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

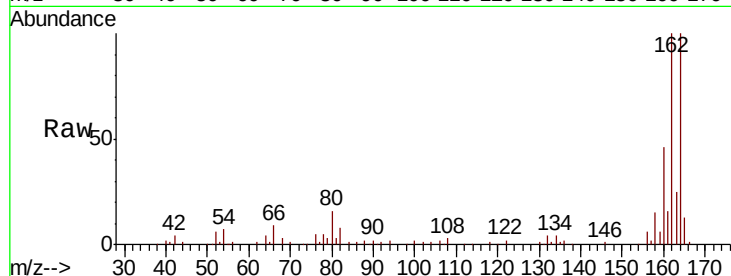
Tot Ion:164 Resp: 97120

Ion Ratio Lower Upper

164 100

162 99.7 86.6 130.0

160 45.9 34.2 51.2

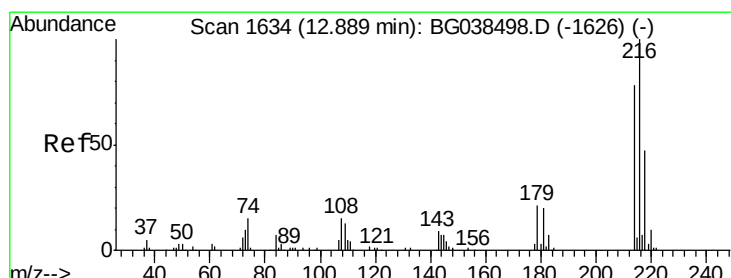
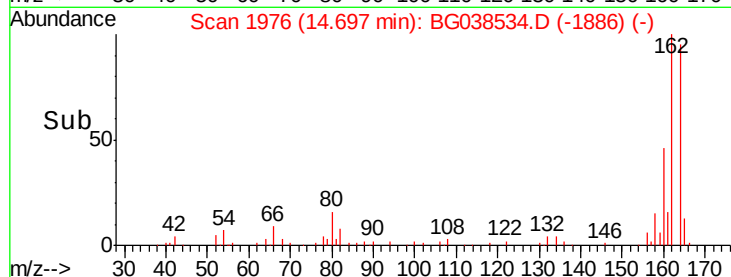
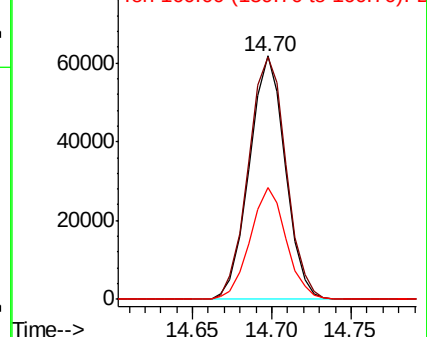


Abundance

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: 40.326 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Tgt Ion:216 Resp: 146396

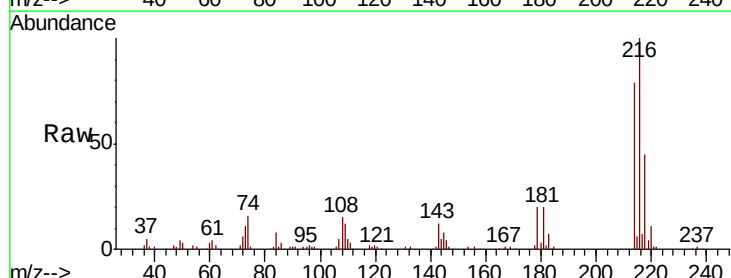
Ion Ratio Lower Upper

216 100

214 79.7 64.1 96.1

179 19.6 16.4 24.6

108 16.2 13.9 20.9



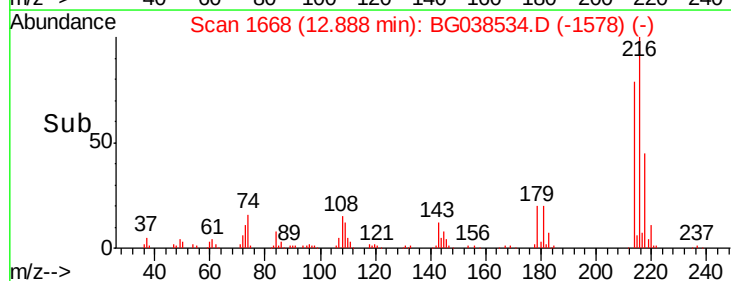
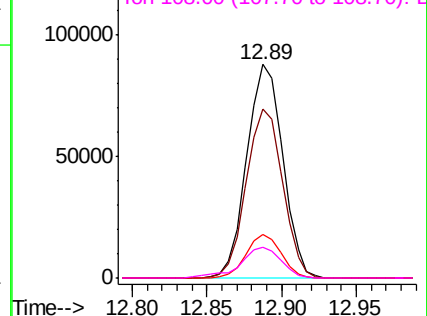
Abundance

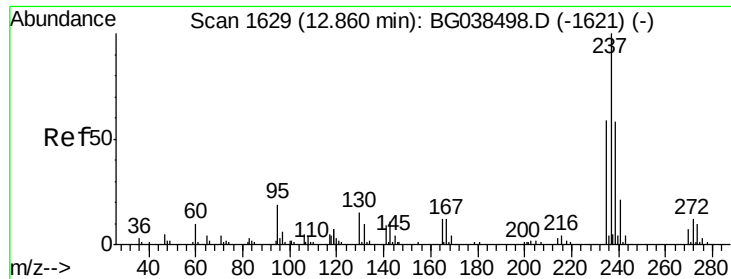
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.770 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

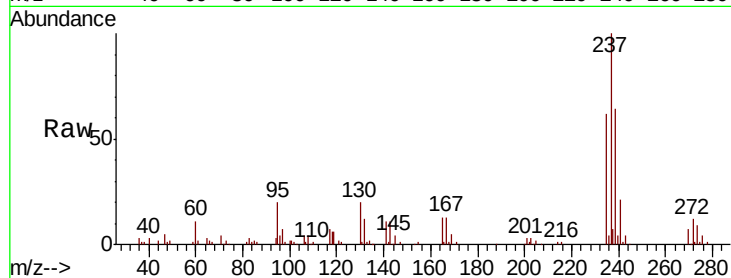
Instrument :

BNA_G

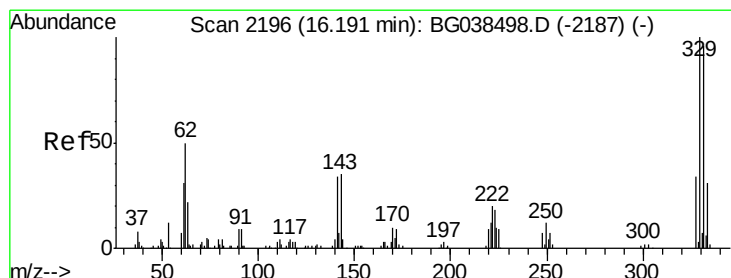
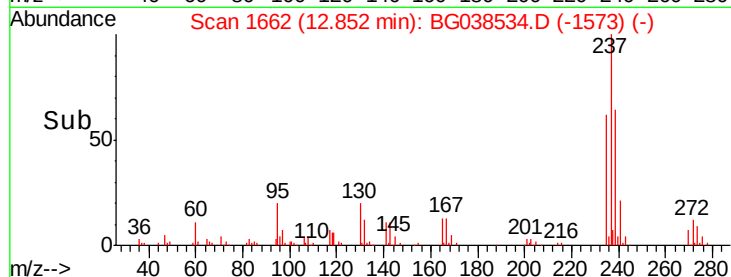
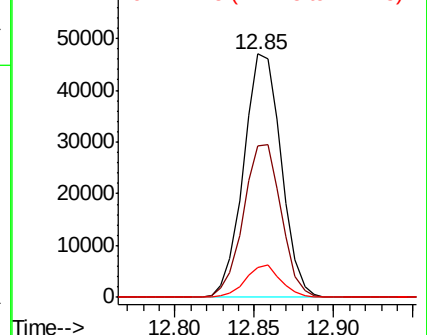
ClientSampleId :

Tot Ion:237 Resp: 77325

Ion	Ratio	Lower	Upper
237	100		
235	62.1	38.8	78.8
272	12.5	0.0	32.0



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



#42

2,4,6-Tribromophenol

Concen: 83.252 ng

RT: 16.19 min Scan# 2230

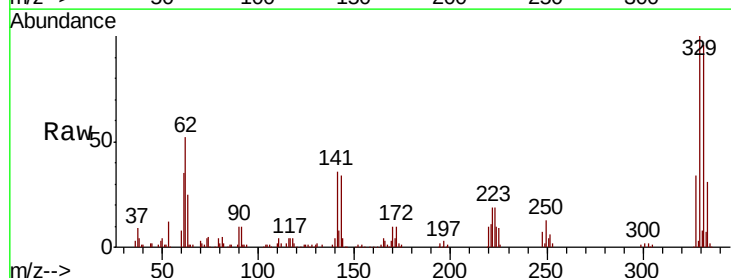
Delta R.T. -0.00 min

Lab File: BG038534.D

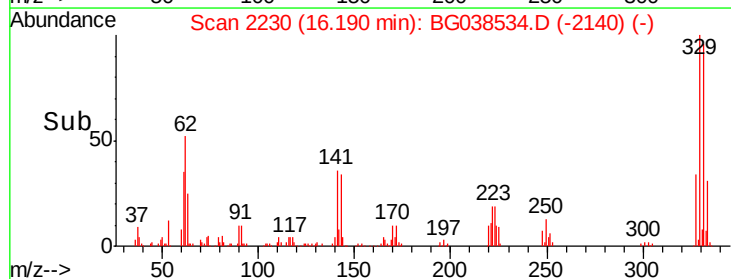
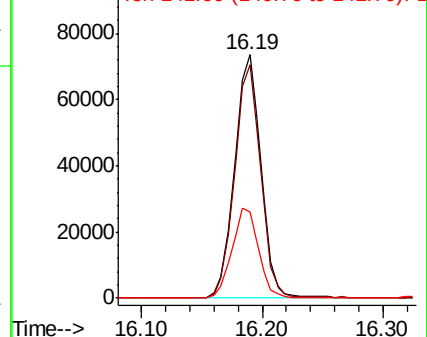
Acq: 13 Dec 2018 16:05

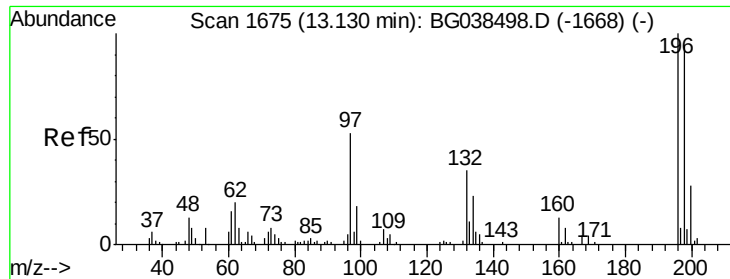
Tgt Ion:330 Resp: 111432

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	37.3	28.8	43.2



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

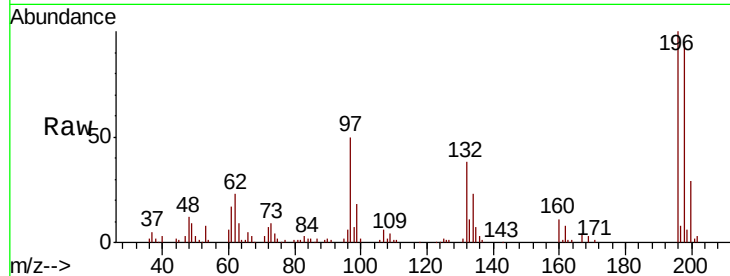




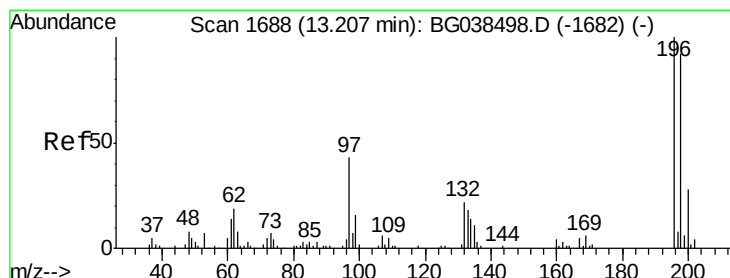
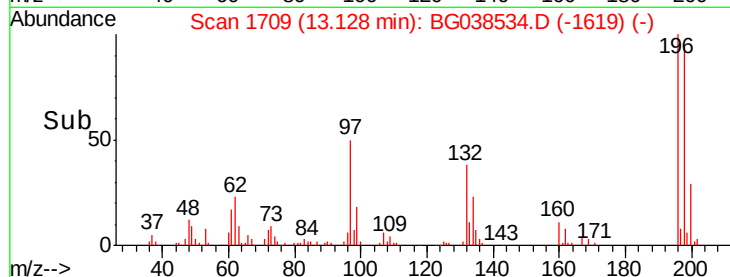
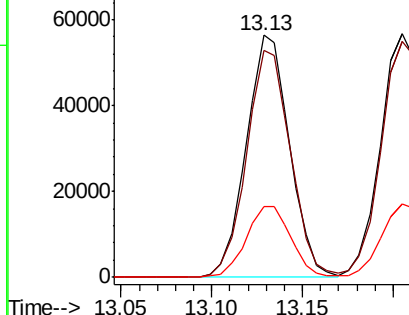
#43
 2,4,6-Trichlorophenol
 Concen: 41.943 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 93623
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.0 112.4
 200 29.2 22.4 33.6

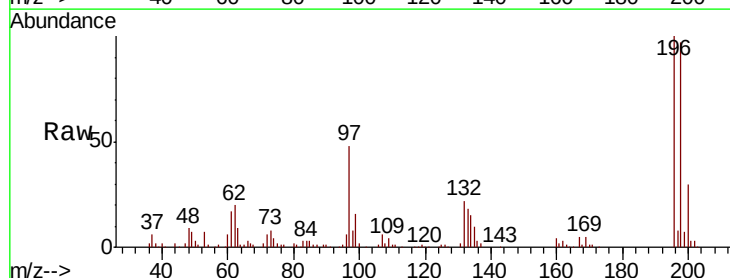


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

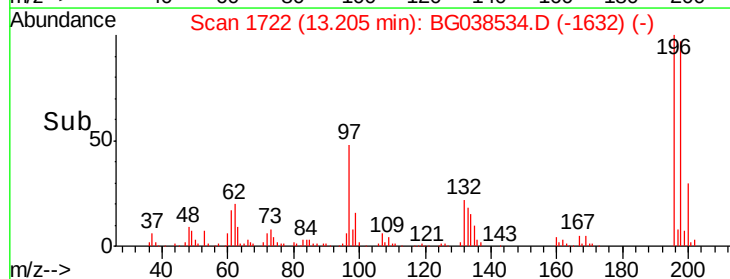
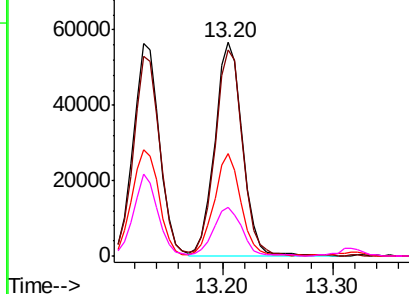


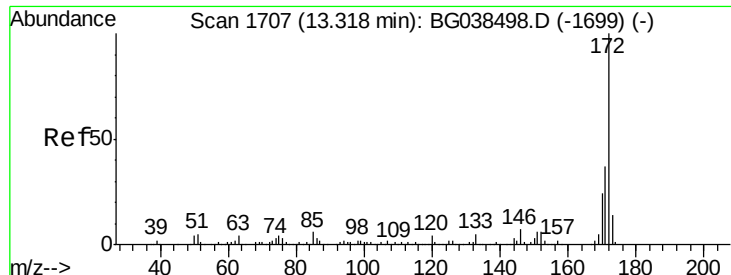
#44
 2,4,5-Trichlorophenol
 Concen: 41.784 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion:196 Resp: 98750
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.0 111.0
 97 48.1 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

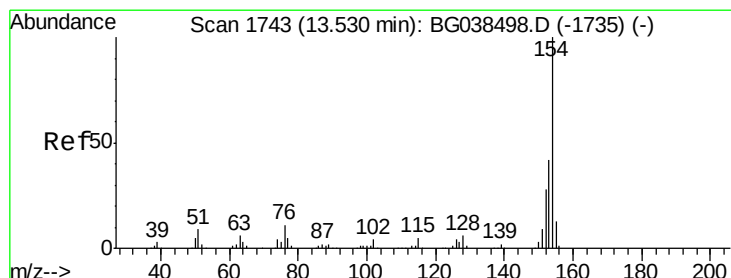
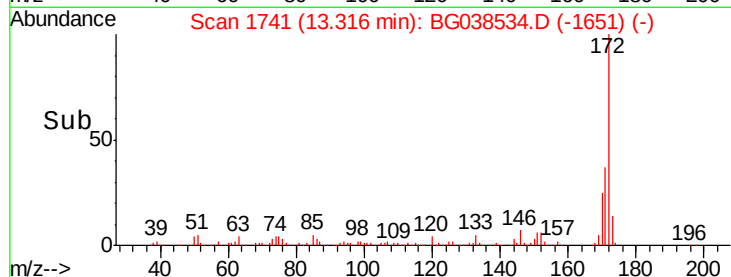
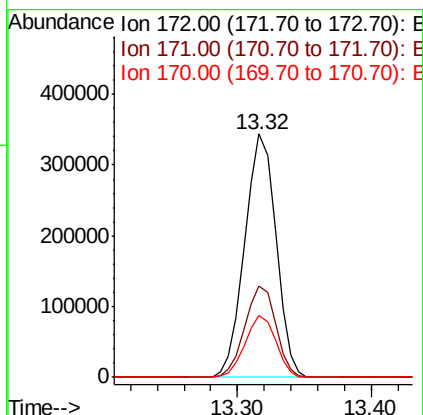
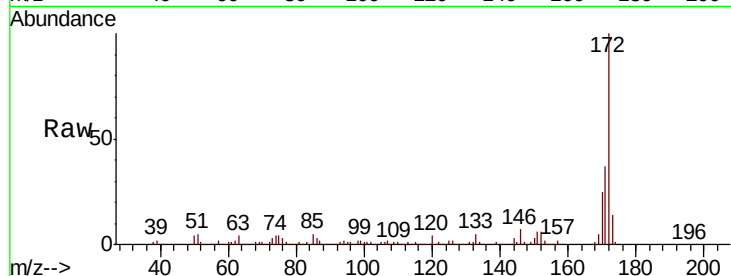




#45
2-Fluorobiphenyl
Concen: 78.585 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

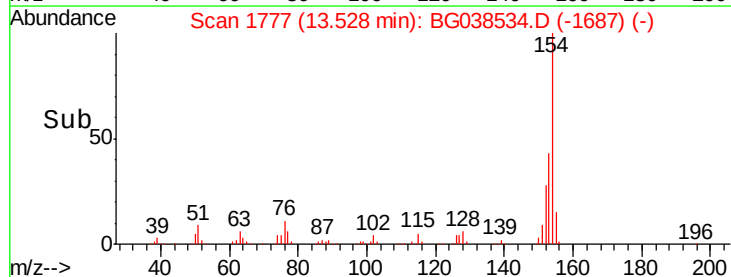
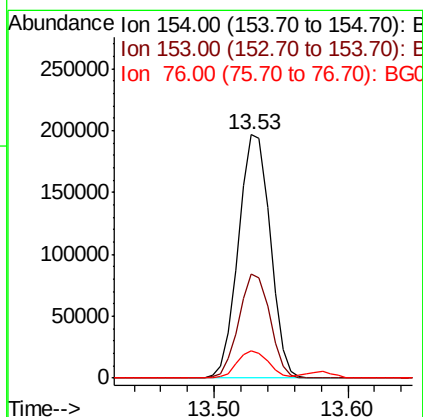
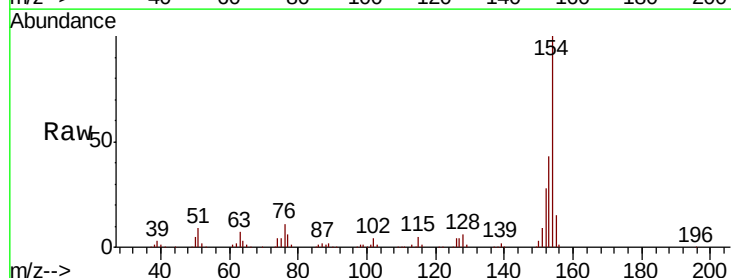
Instrument :
BNA_G
ClientSampleId :

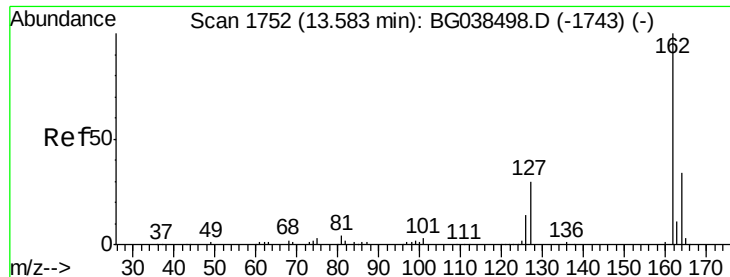
Tot Ion:172 Resp: 556345
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.4 19.5 29.3



#46
1,1'-Biphenyl
Concen: 39.835 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion:154 Resp: 324329
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 11.1 0.0 31.2

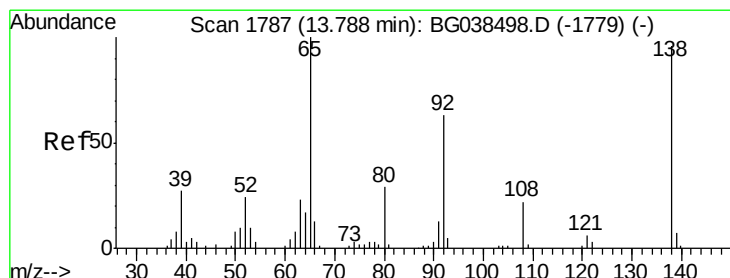
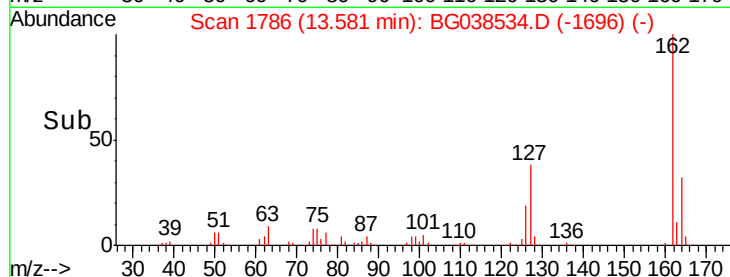
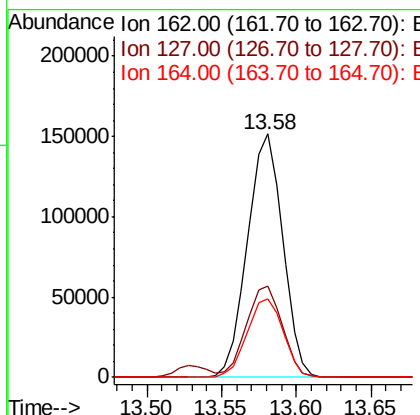
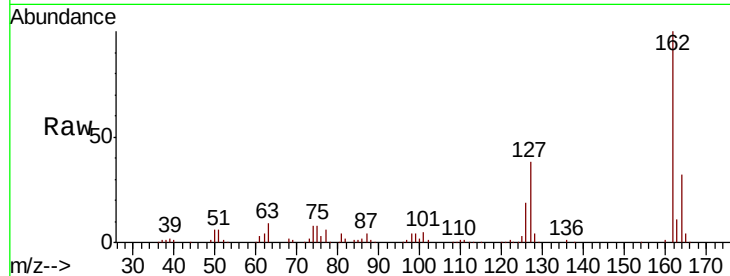




#47
 2-Chloronaphthalene
 Concen: 39.429 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

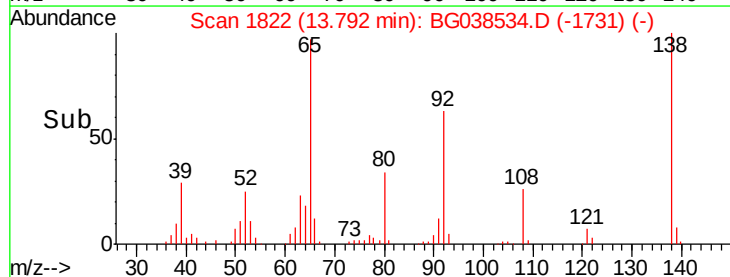
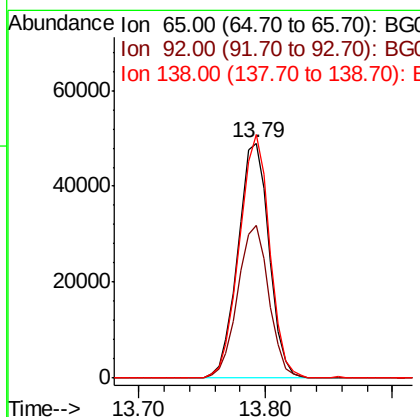
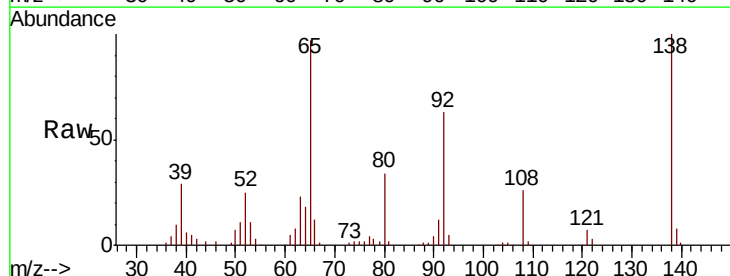
Instrument :
 BNA_G
 ClientSampleId :

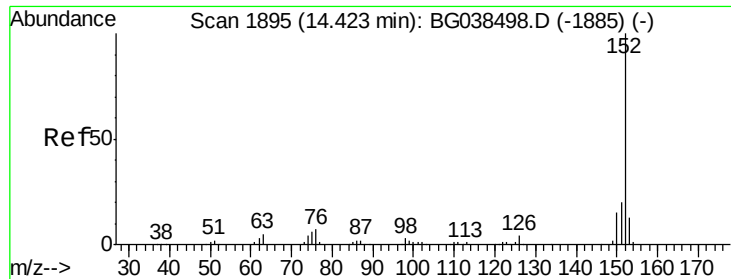
Tot Ion:162 Resp: 247973
 Ion Ratio Lower Upper
 162 100
 127 37.6 27.8 41.8
 164 32.0 26.9 40.3



#48
 2-Nitroaniline
 Concen: 41.754 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion: 65 Resp: 83644
 Ion Ratio Lower Upper
 65 100
 92 64.8 50.0 75.0
 138 103.5 76.9 115.3





#49

Acenaphthylene

Concen: 39.950 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

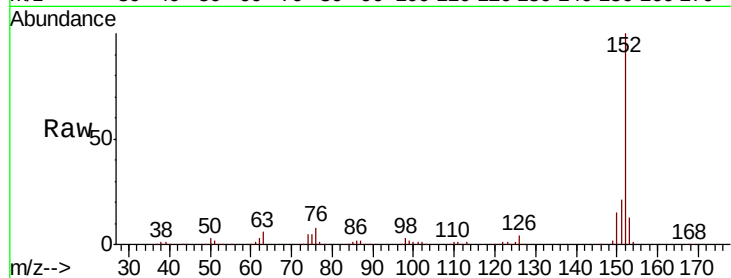
Tot Ion:152 Resp: 375608

Ion Ratio Lower Upper

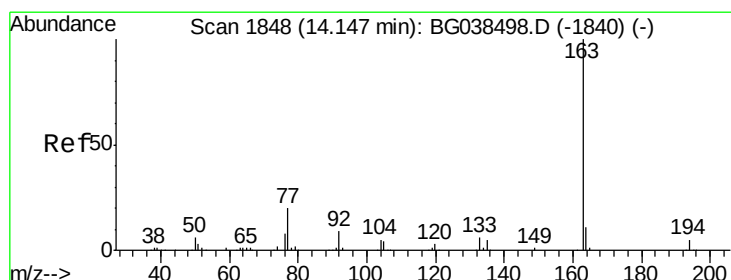
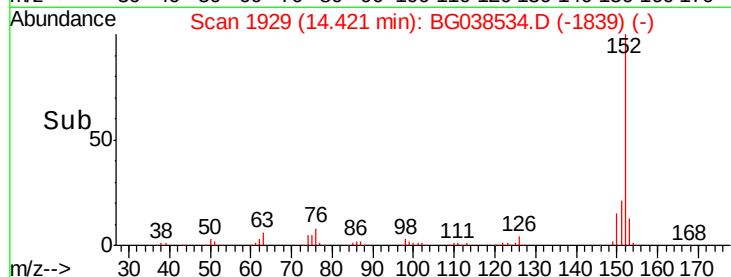
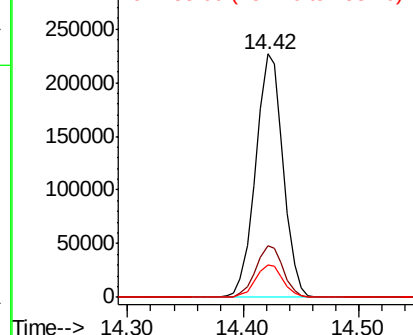
152 100

151 21.2 16.4 24.6

153 13.1 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: 39.992 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

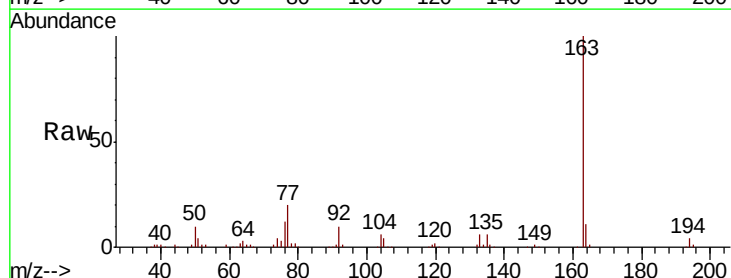
Tgt Ion:163 Resp: 317183

Ion Ratio Lower Upper

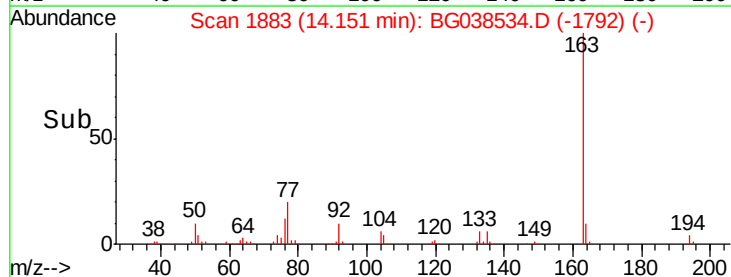
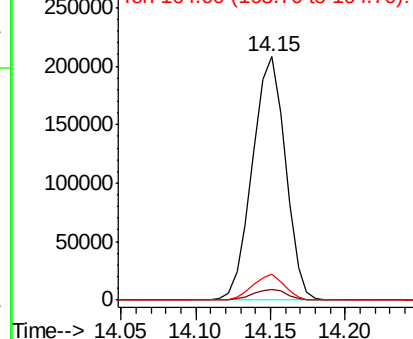
163 100

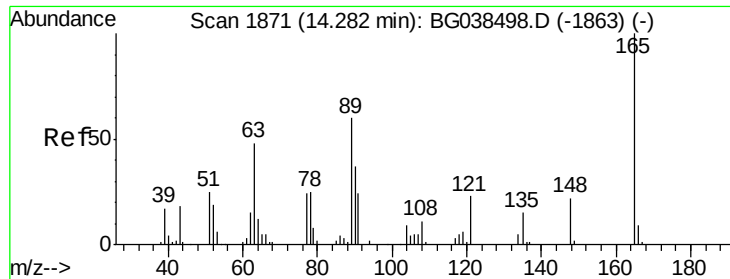
194 4.4 3.7 5.5

164 10.6 8.6 12.8



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

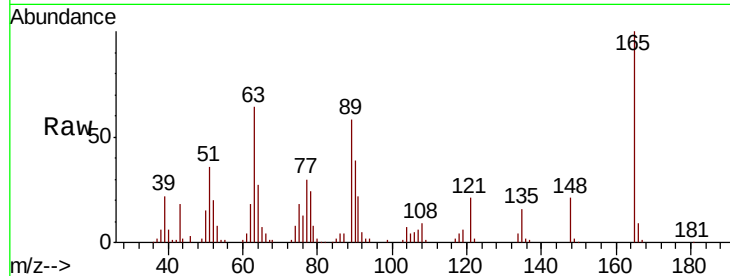




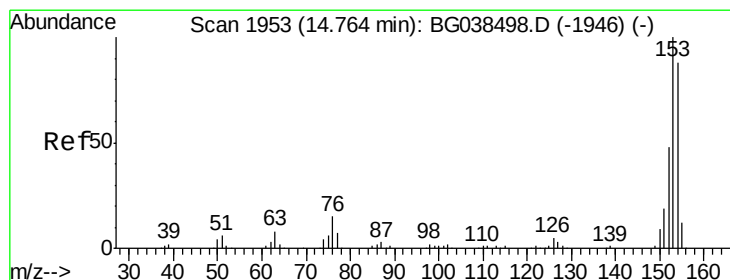
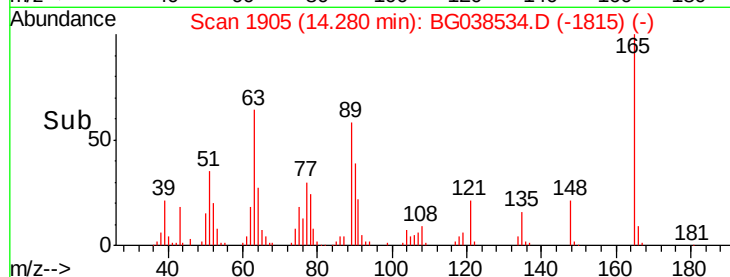
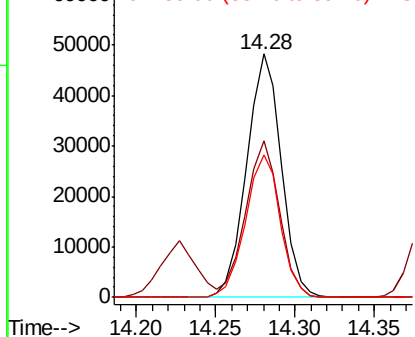
#51
 2,6-Dinitrotoluene
 Concen: 40.578 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 72932
 Ion Ratio Lower Upper
 165 100
 63 64.1 51.8 77.6
 89 58.5 47.9 71.9

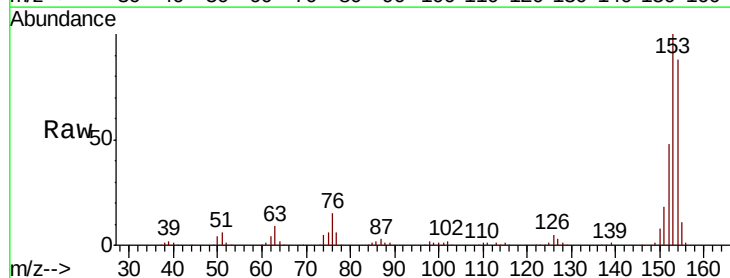


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

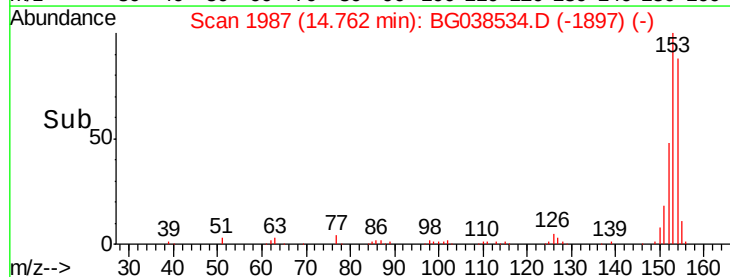
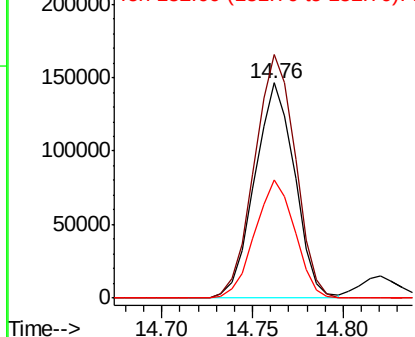


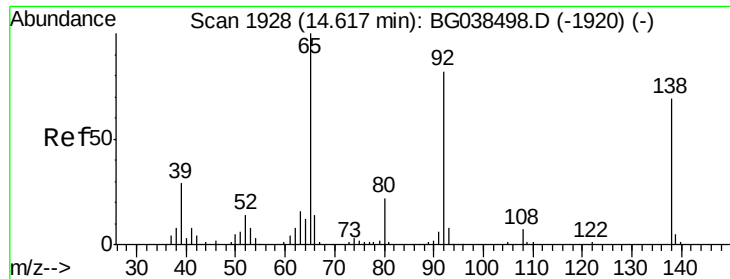
#52
 Acenaphthene
 Concen: 39.936 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion:154 Resp: 224522
 Ion Ratio Lower Upper
 154 100
 153 113.2 90.6 136.0
 152 54.8 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

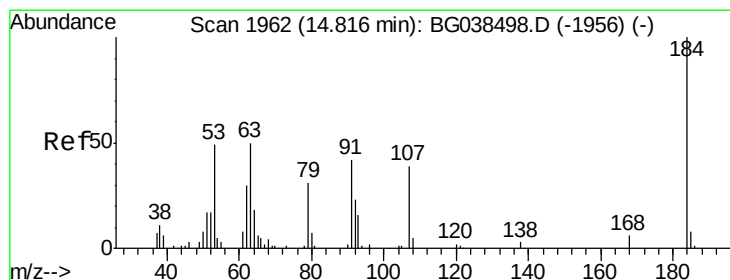
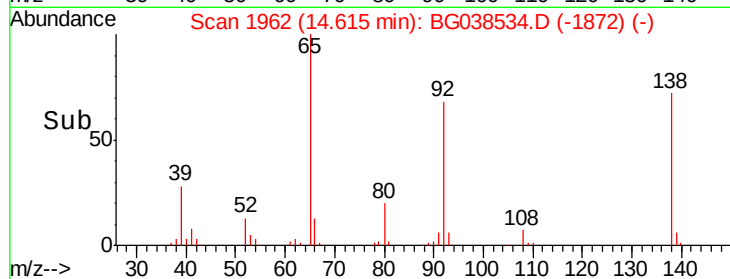
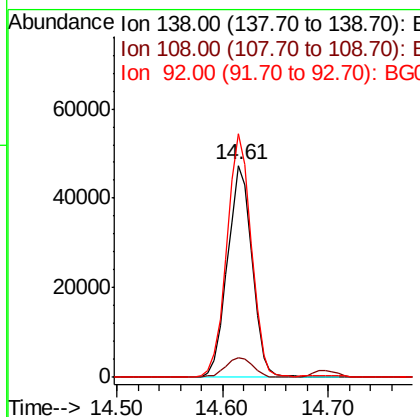
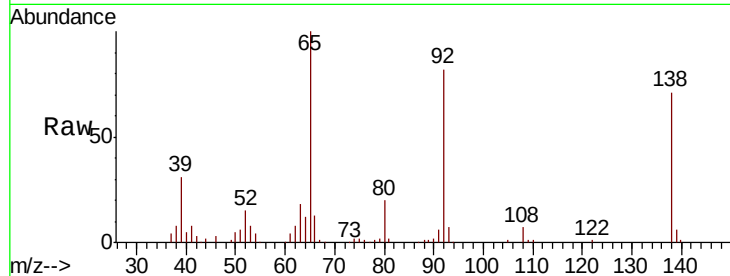




#53
3-Nitroaniline
Concen: 41.374 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

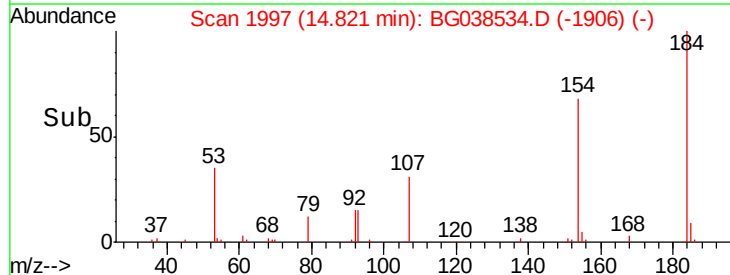
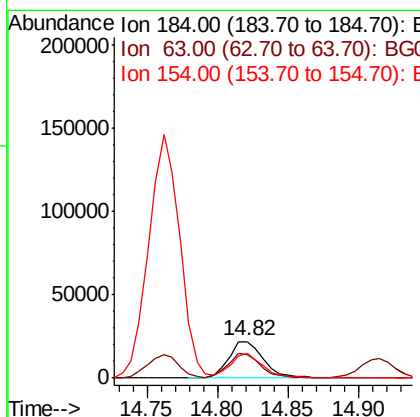
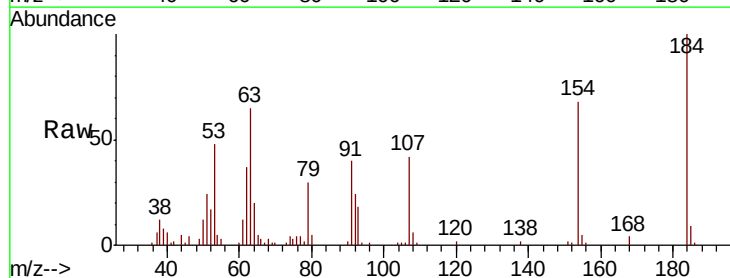
Instrument :
BNA_G
ClientSampleId :

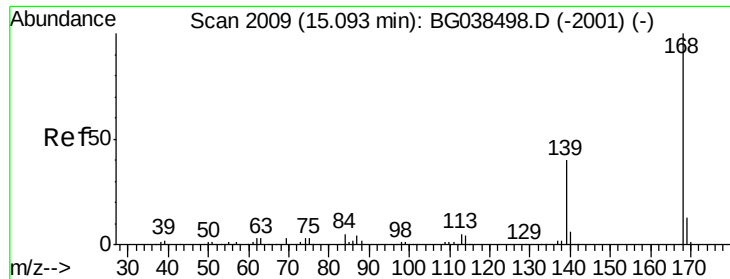
Tot Ion:138 Resp: 75805
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 114.9 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 38.139 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion:184 Resp: 37686
Ion Ratio Lower Upper
184 100
63 65.1 47.0 70.6
154 68.5 50.3 75.5

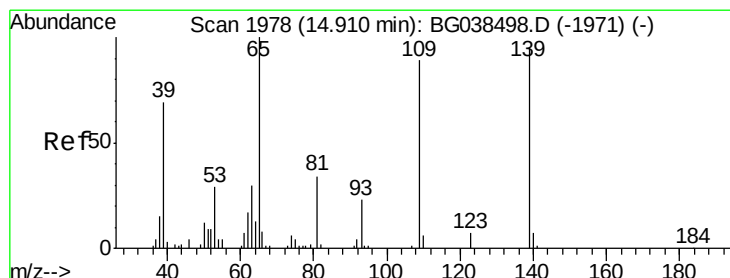
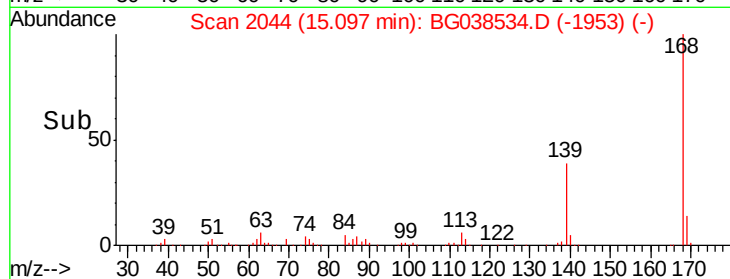
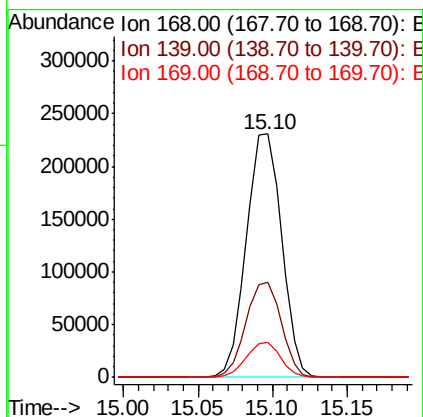
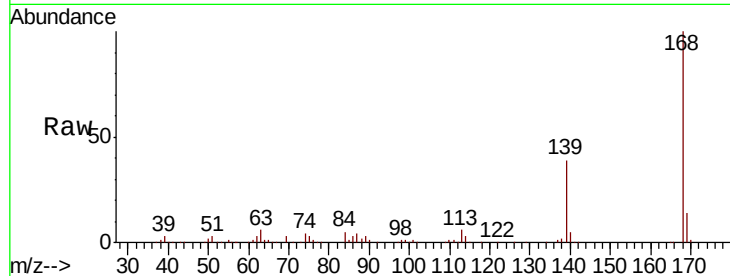




#55
Dibenzenofuran
Concen: 39.212 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

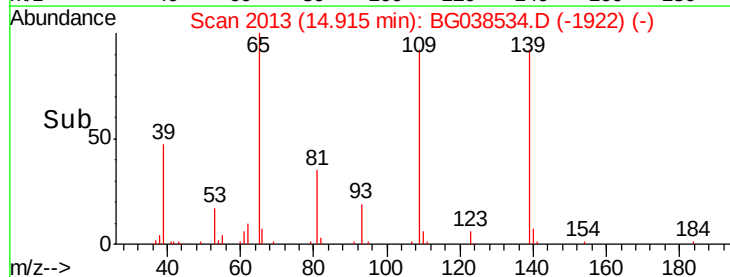
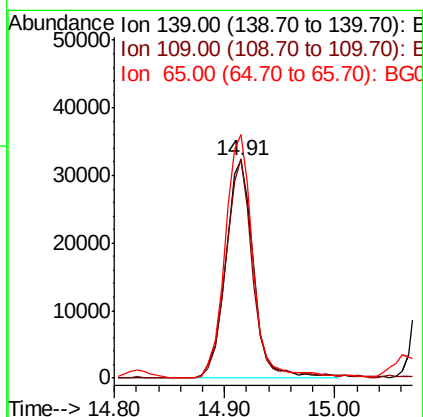
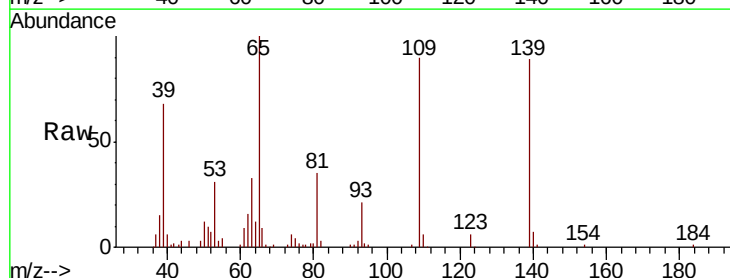
Instrument :
BNA_G
ClientSampleId :

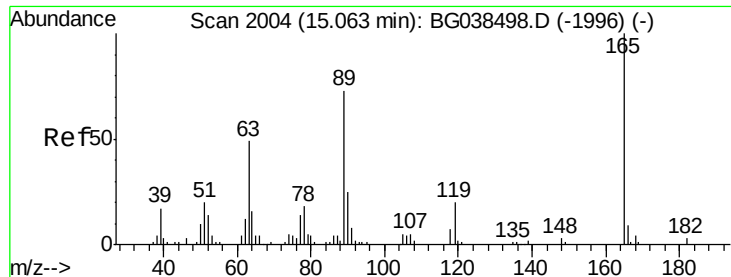
Tot Ion:168 Resp: 377884
Ion Ratio Lower Upper
168 100
139 39.3 32.2 48.2
169 14.3 10.6 16.0



#56
4-Nitrophenol
Concen: 41.089 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion:139 Resp: 57111
Ion Ratio Lower Upper
139 100
109 100.7 73.6 113.6
65 111.9 84.8 124.8

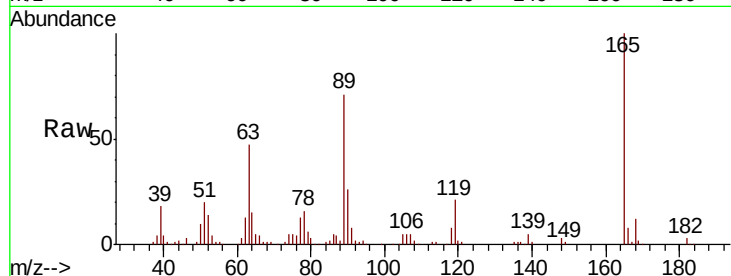




#57
 2,4-Dinitrotoluene
 Concen: 39.979 ng
 RT: 15.07 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	39.0	58.4
89	71.0	58.0	87.0
182	2.9	2.3	3.5



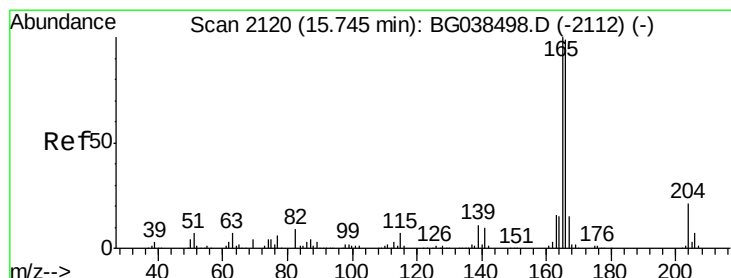
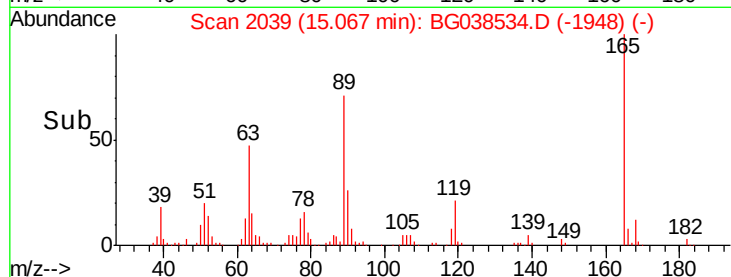
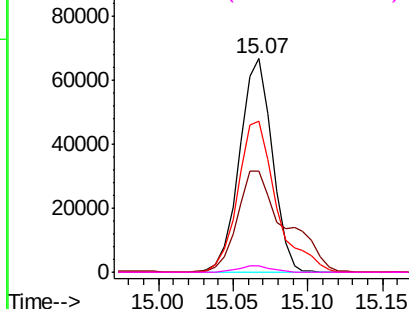
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

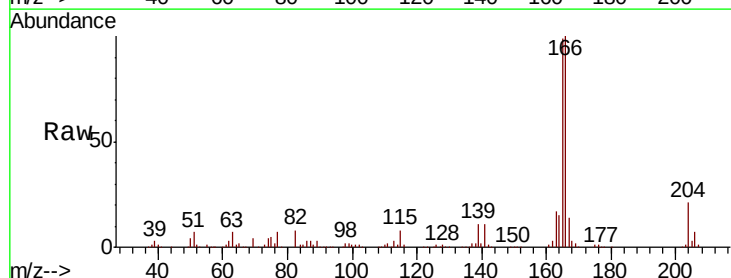
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.897 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.6	120.8
167	14.3	12.0	18.0

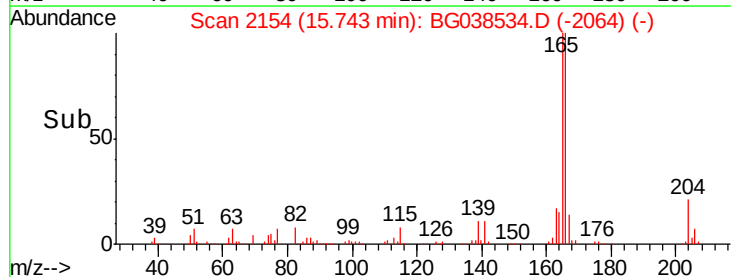
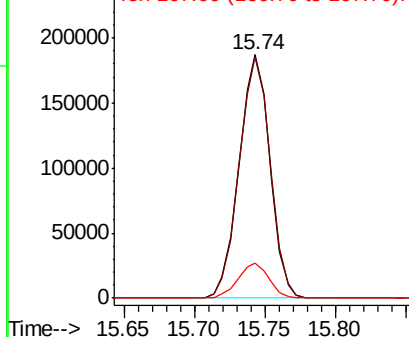


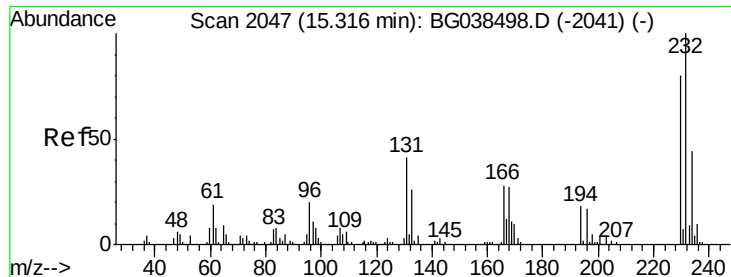
Abundance

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

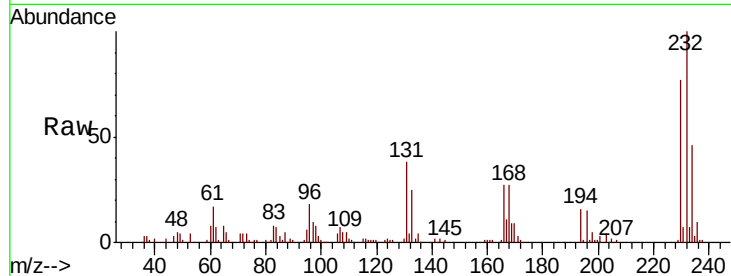




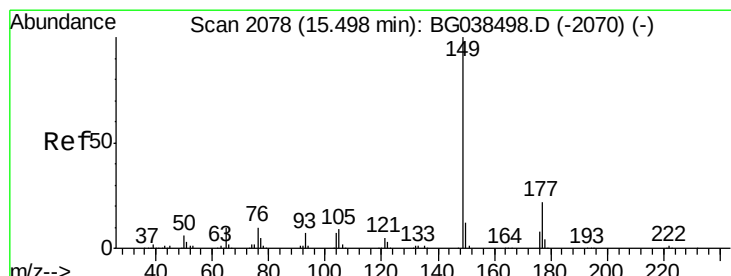
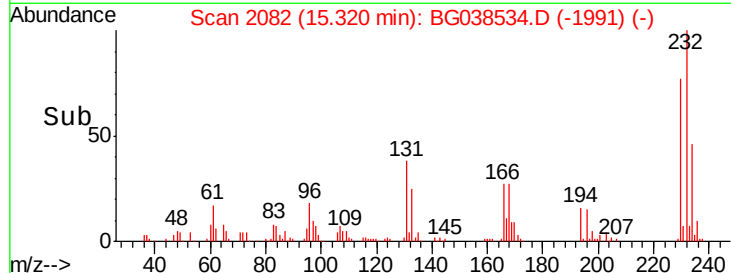
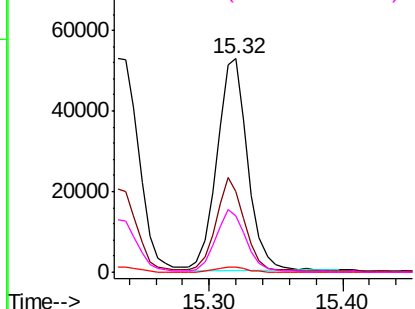
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.277 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	85639
Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.0	49.4
130	2.5	2.0	3.0
166	29.3	23.1	34.7

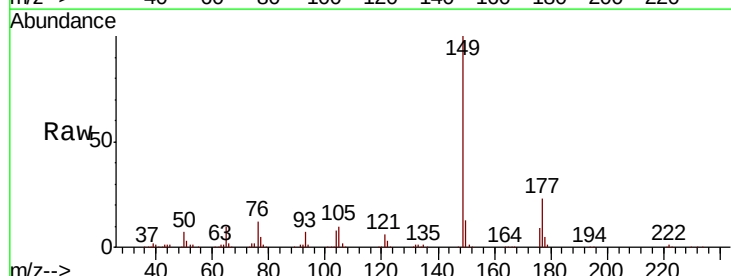


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

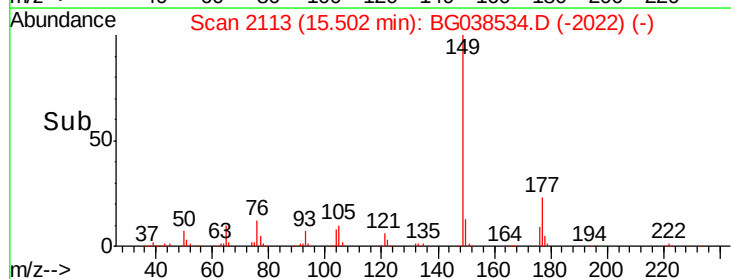
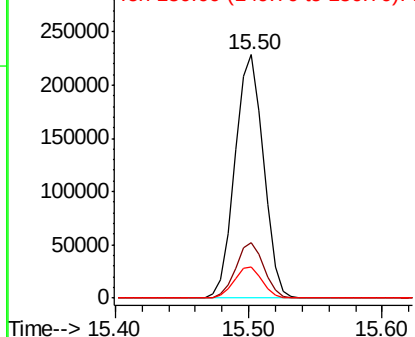


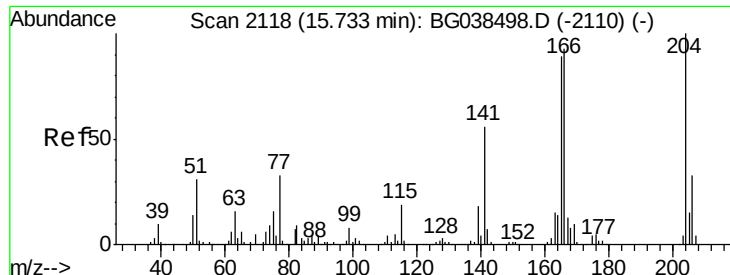
#60
 Diethylphthalate
 Concen: 38.909 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion:	149	Resp:	338767
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.9	9.9	14.9



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

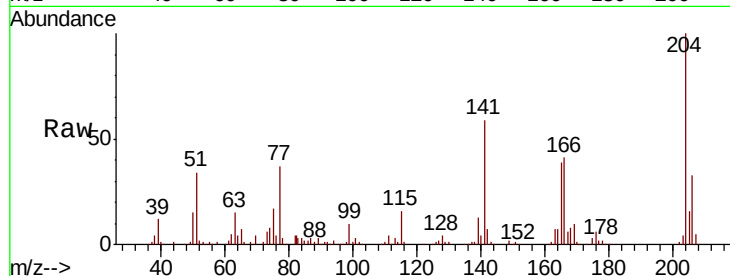




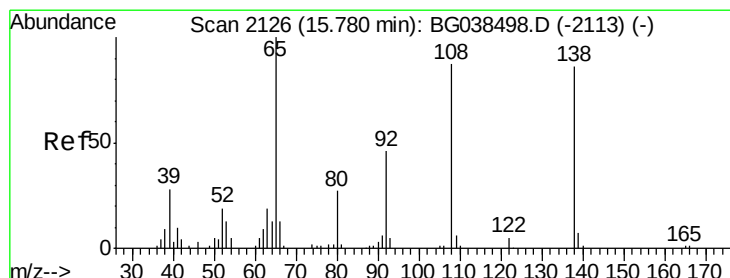
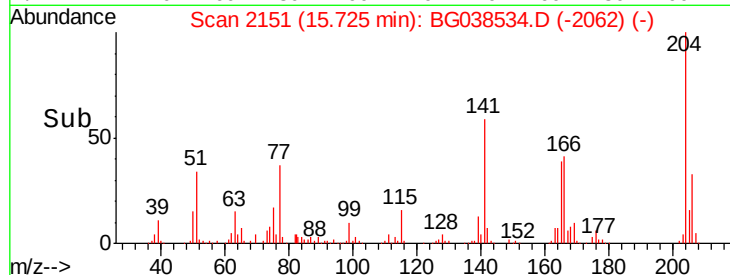
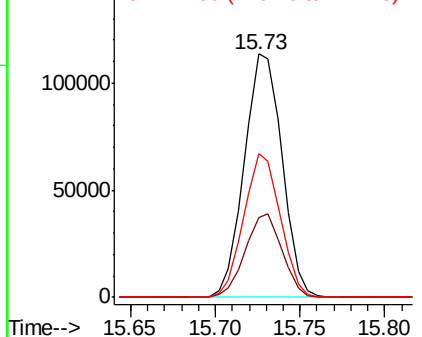
#61
4-Chlorophenyl-phenylether
Concen: 39.733 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 177004
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 59.2 44.4 66.6

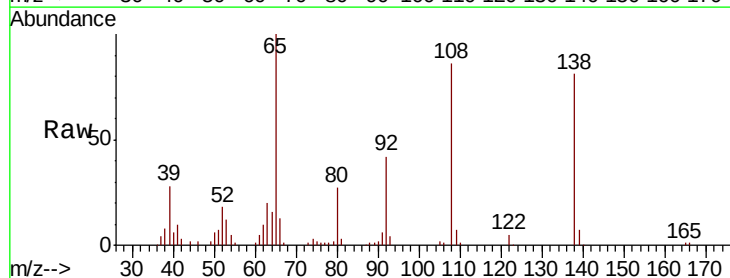


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

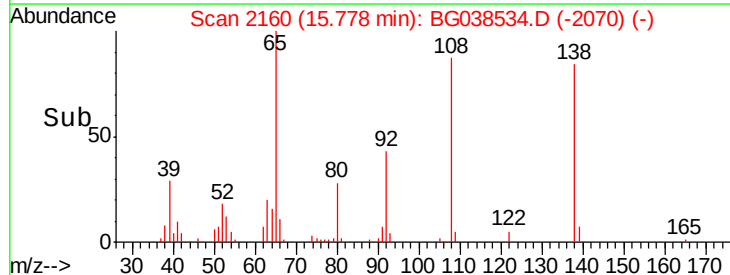
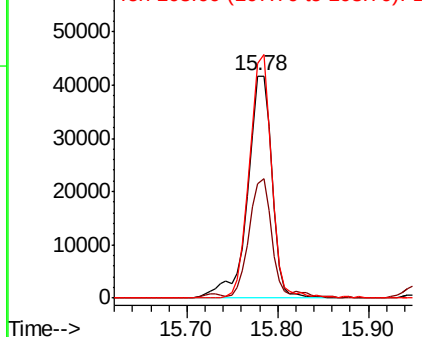


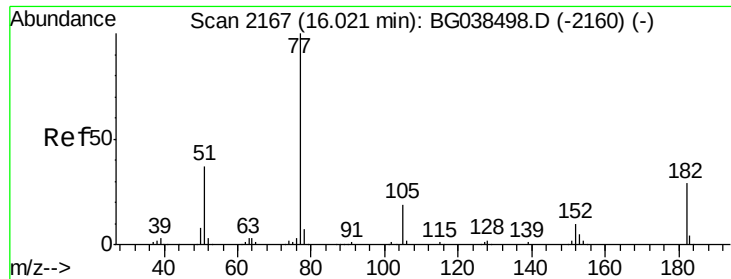
#62
4-Nitroaniline
Concen: 41.140 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038534.D
Acq: 13 Dec 2018 16:05

Tgt Ion:138 Resp: 77600
Ion Ratio Lower Upper
138 100
92 51.6 33.3 73.3
108 105.9 81.4 121.4



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





#63

Azobenzene

Concen: 40.044 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 291261

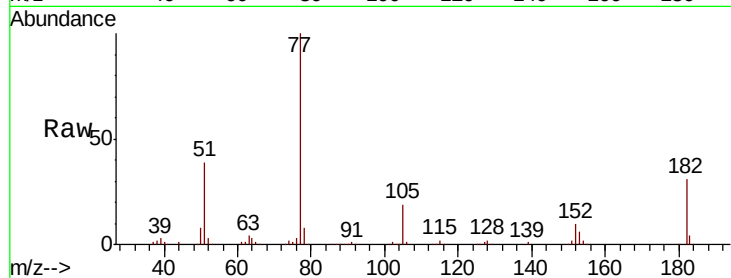
Ion Ratio Lower Upper

77 100

182 31.2 8.7 48.7

105 19.4 0.0 38.7

51 39.2 16.6 56.6

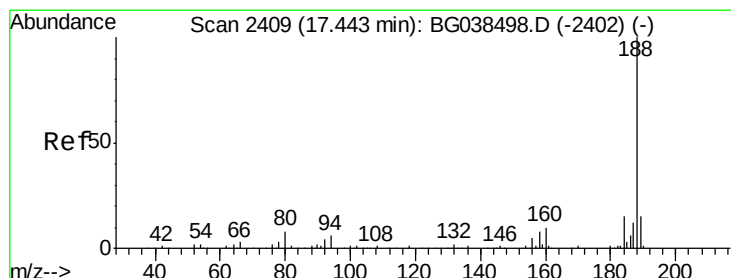
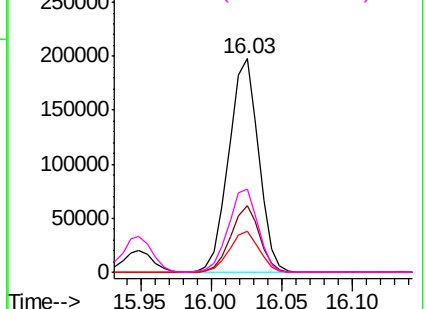
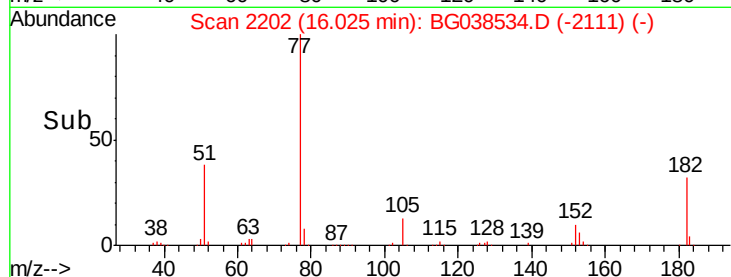


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

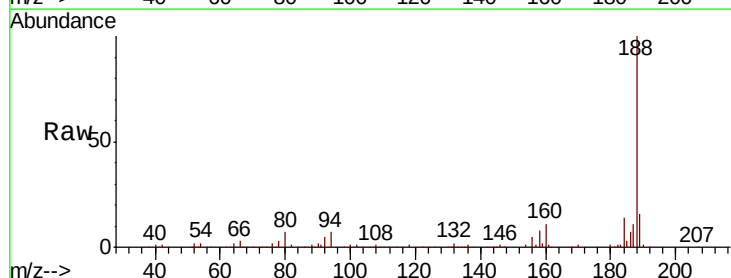
Tgt Ion: 188 Resp: 234927

Ion Ratio Lower Upper

188 100

94 7.3 5.1 7.7

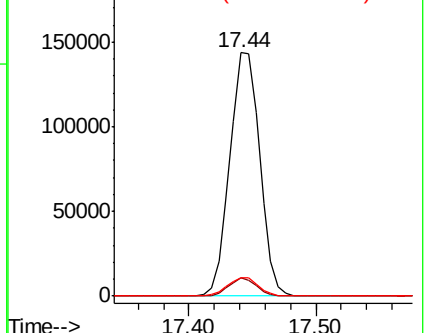
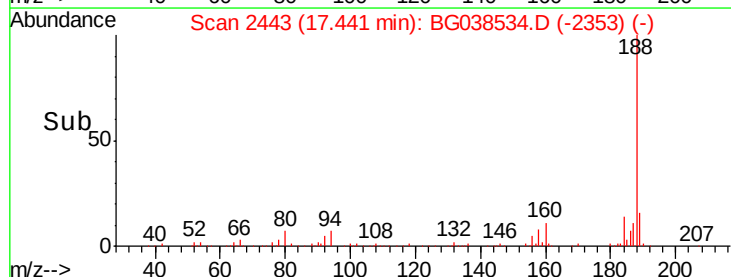
80 7.5 6.1 9.1

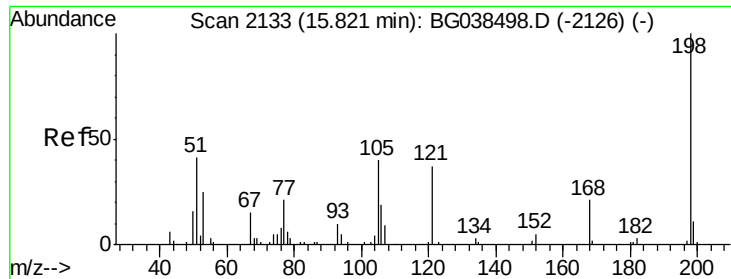


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

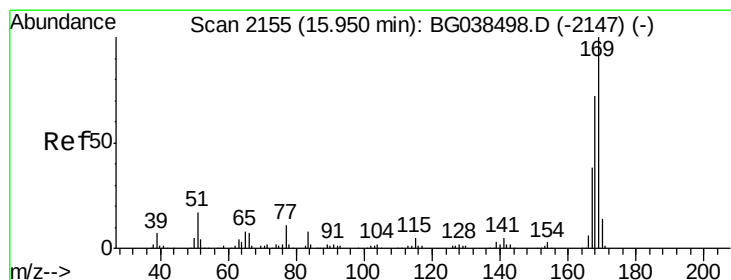
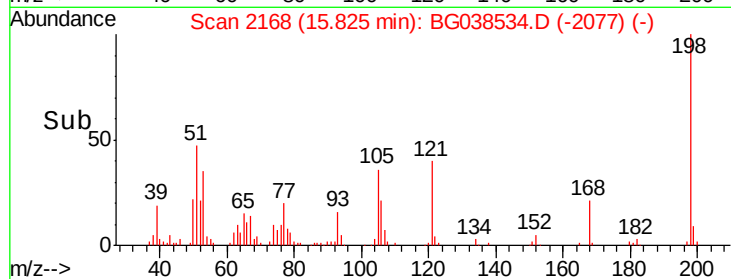
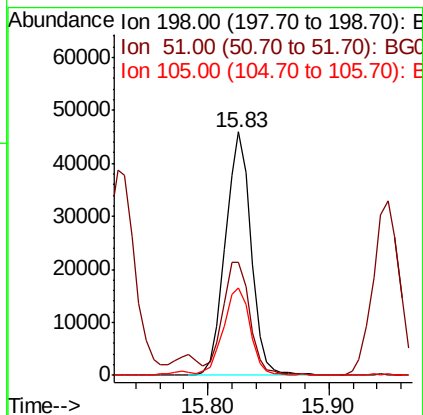
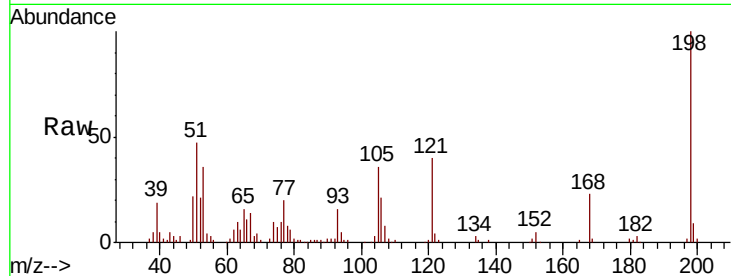




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.452 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

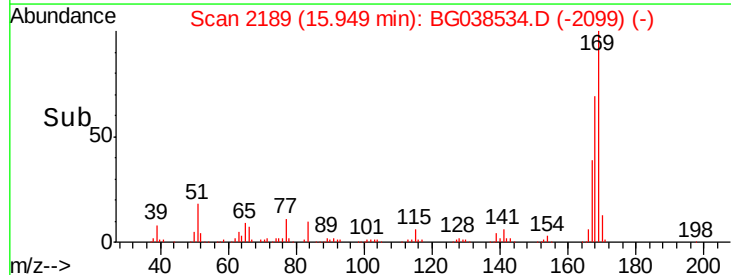
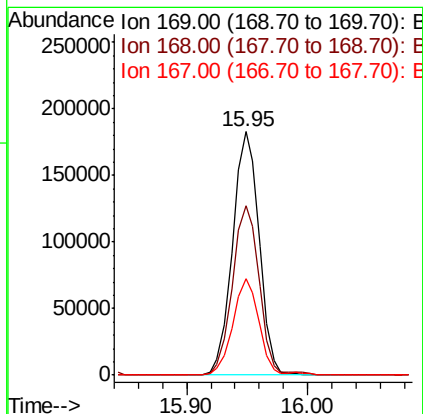
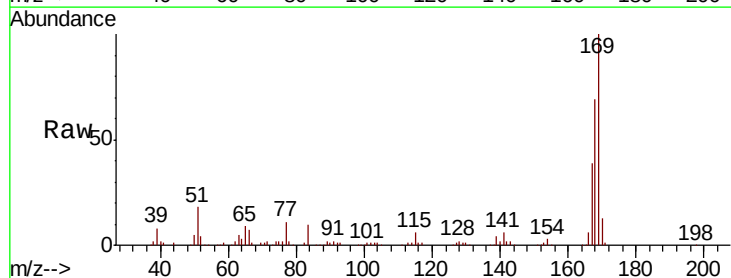
Instrument :
 BNA_G
 ClientSampled :

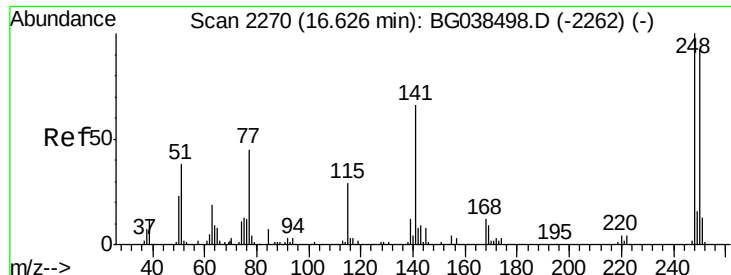
Tot Ion:198 Resp: 67791
 Ion Ratio Lower Upper
 198 100
 51 46.7 28.6 68.6
 105 35.7 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 40.495 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion:169 Resp: 279525
 Ion Ratio Lower Upper
 169 100
 168 69.4 57.5 86.3
 167 39.4 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 40.897 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampled :

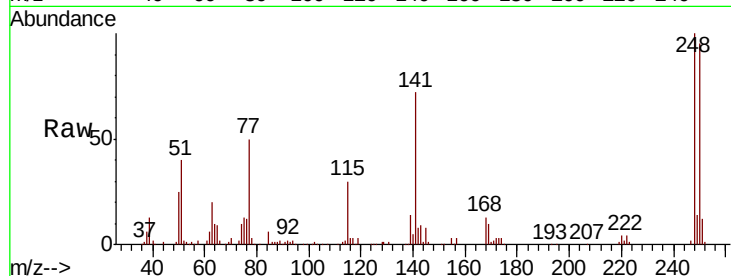
Tot Ion:248 Resp: 117338

Ion Ratio Lower Upper

248 100

250 95.0 73.4 110.2

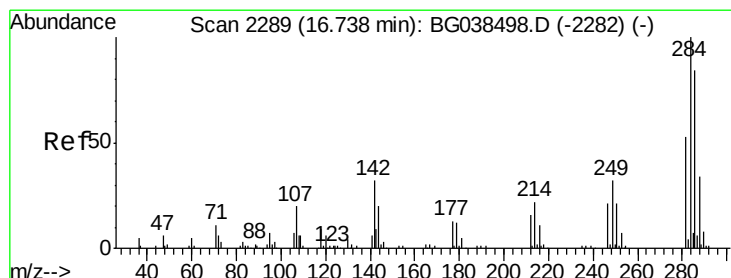
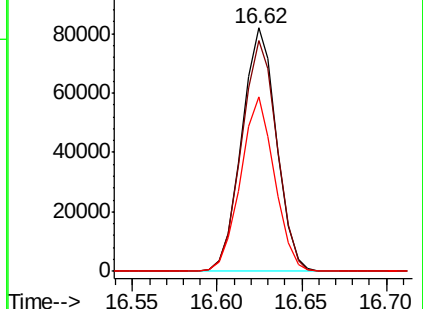
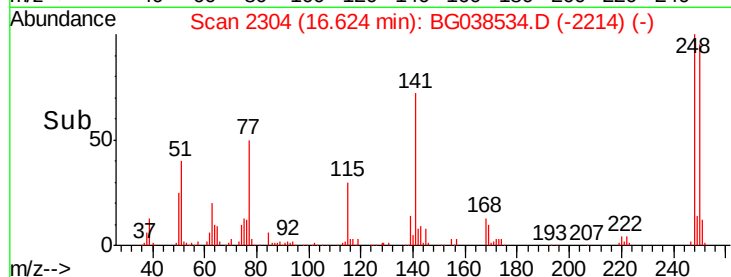
141 71.7 52.9 79.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.006 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

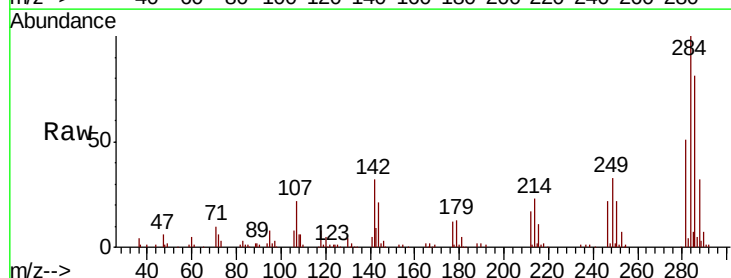
Tgt Ion:284 Resp: 121960

Ion Ratio Lower Upper

284 100

142 32.4 25.8 38.6

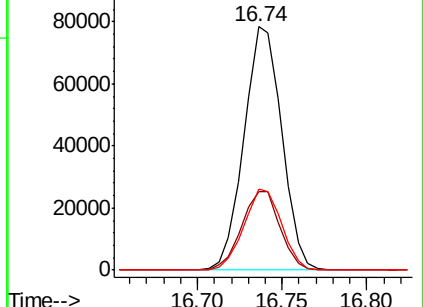
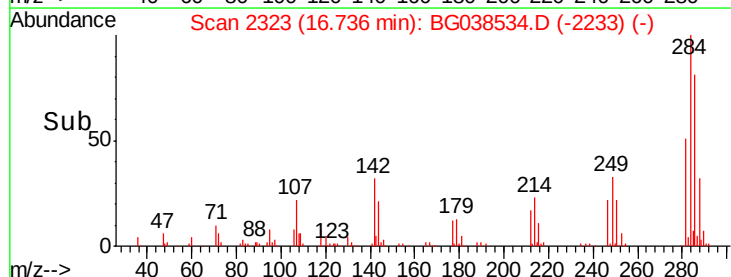
249 35.2 27.0 40.4

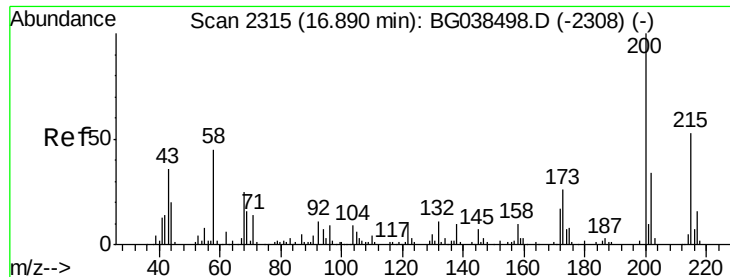


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.710 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampled :

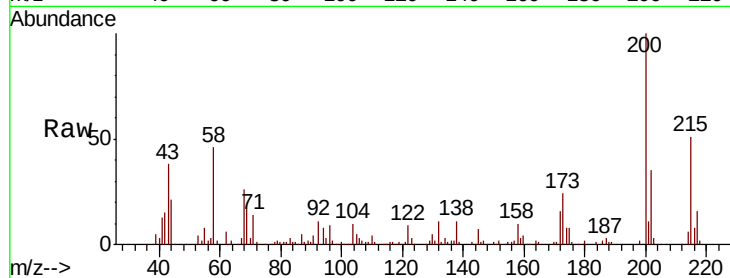
Tot Ion:200 Resp: 106847

Ion Ratio Lower Upper

200 100

173 23.9 5.9 45.9

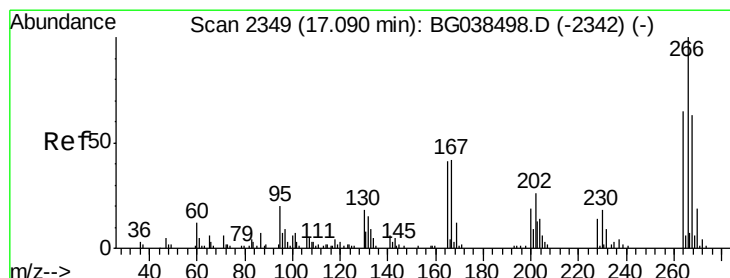
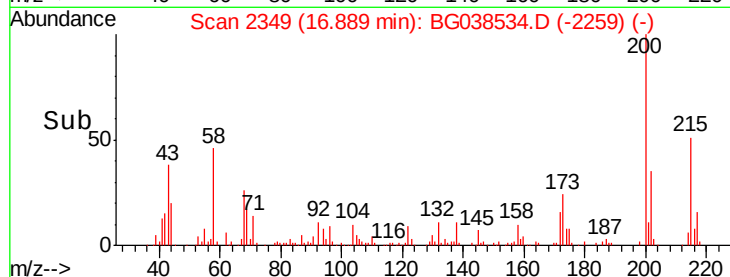
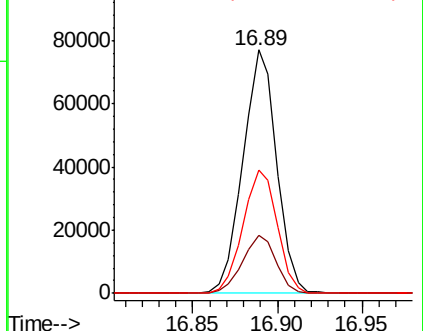
215 50.9 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.995 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

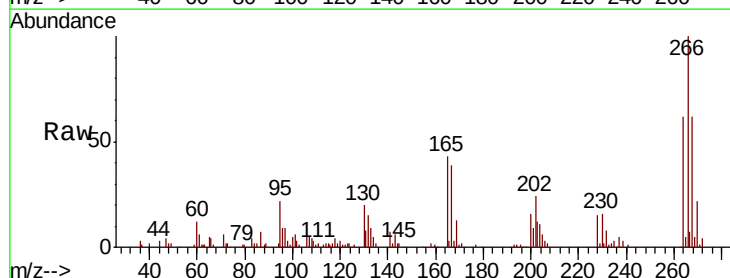
Tgt Ion:266 Resp: 75636

Ion Ratio Lower Upper

266 100

268 67.0 55.0 82.6

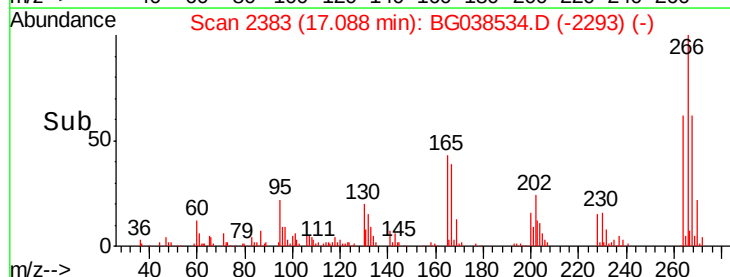
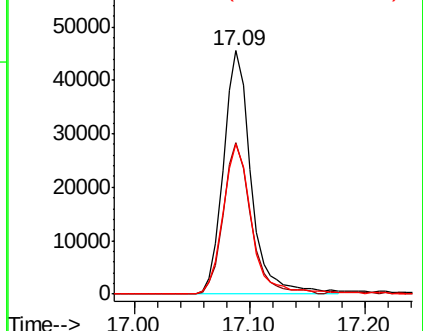
264 66.5 56.7 85.1

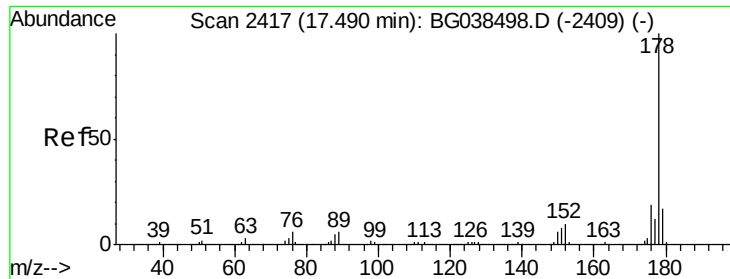


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

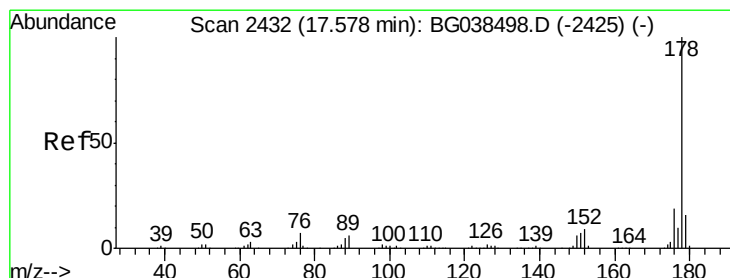
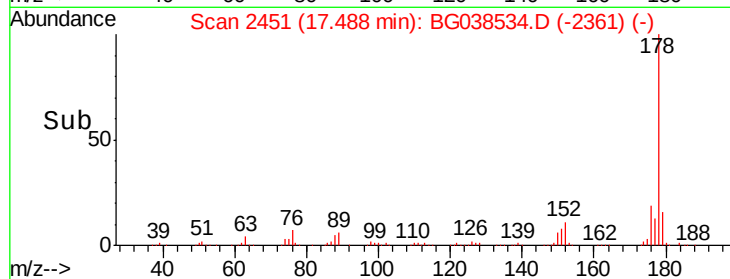
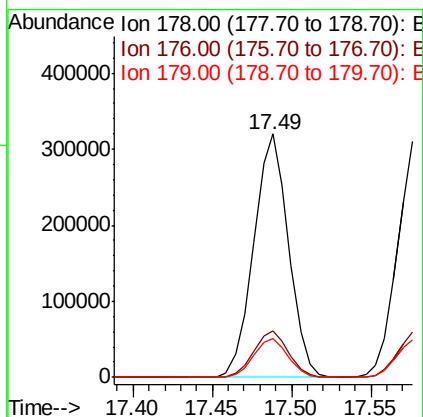
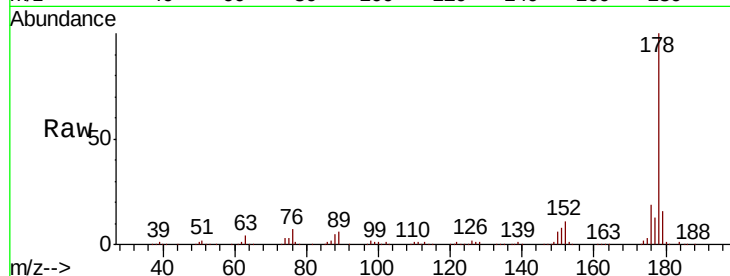




#71
 Phenanthrene
 Concen: 39.936 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

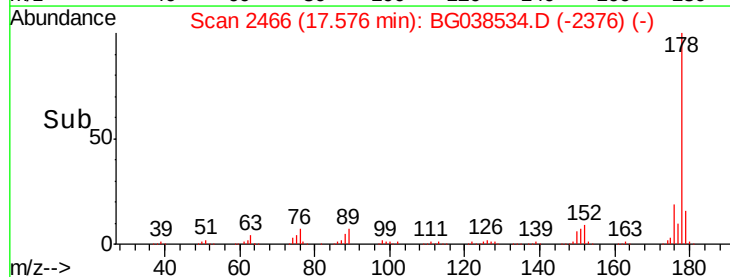
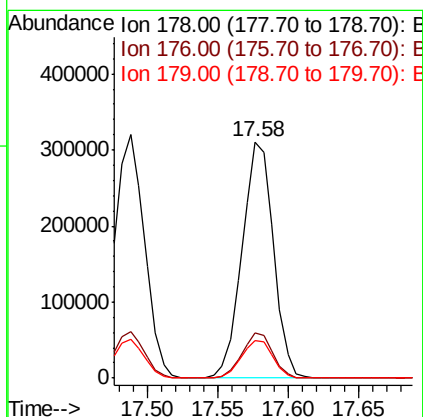
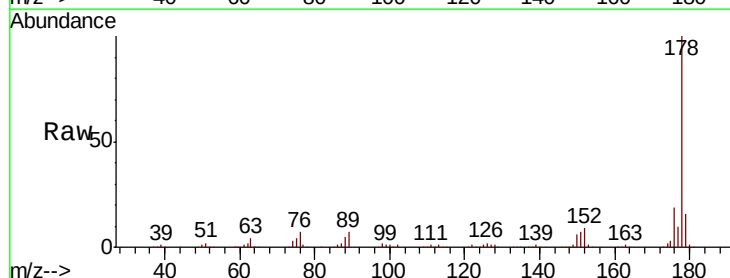
Instrument :
 BNA_G
 ClientSampleId :

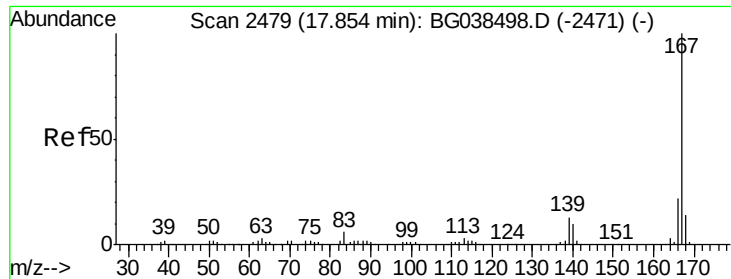
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.1	13.2	19.8



#72
 Anthracene
 Concen: 40.119 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.0	12.9	19.3

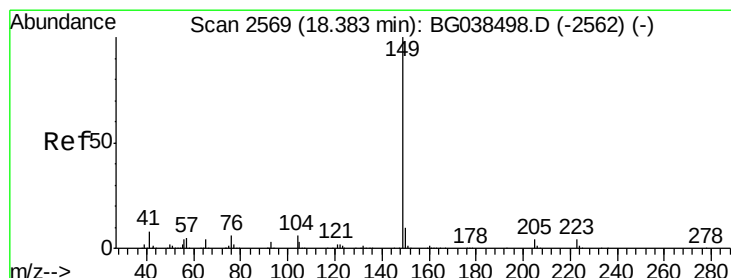
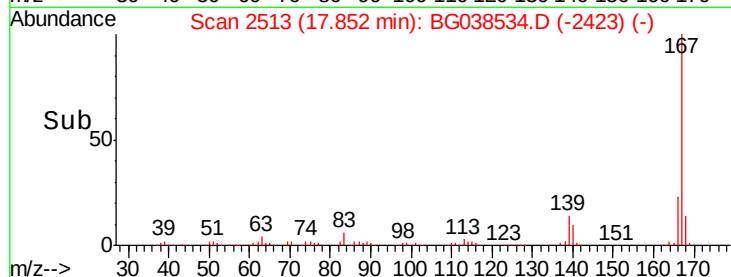
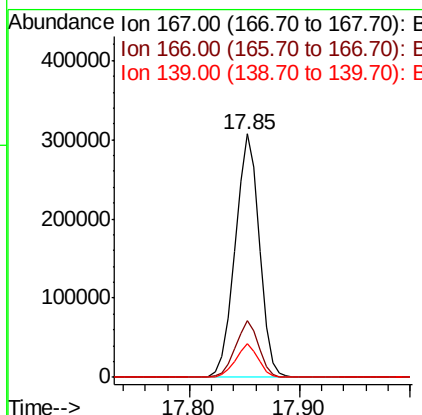
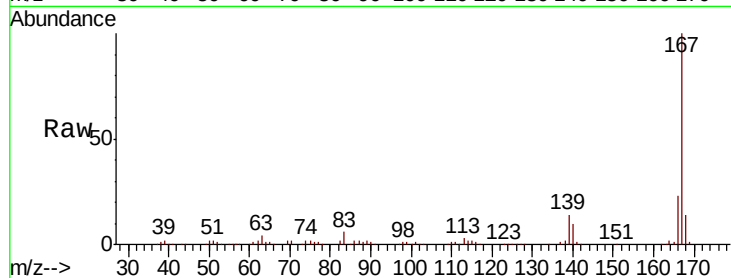




#73
 Carbazole
 Concen: 39.881 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

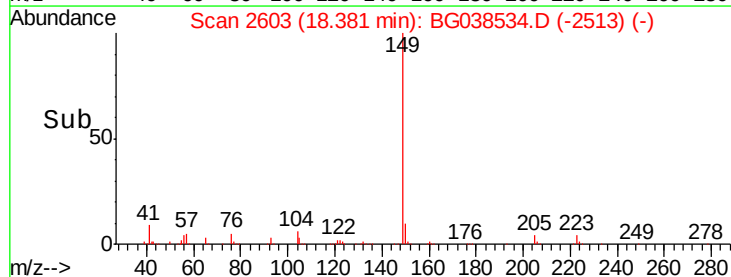
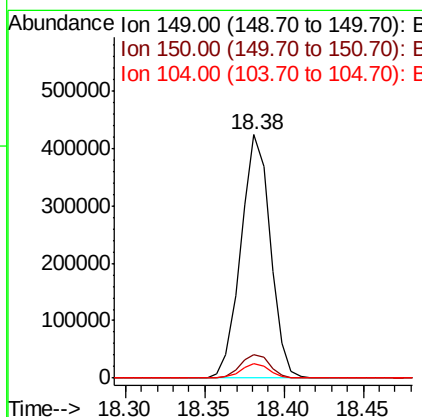
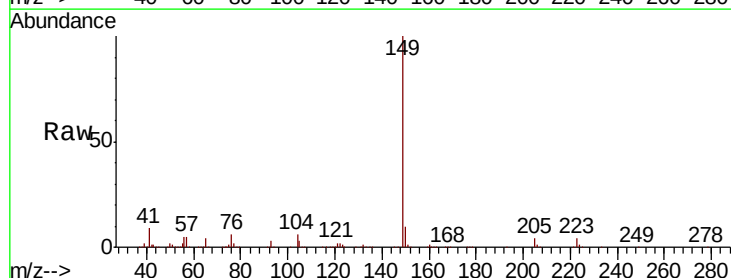
Instrument :
 BNA_G
 ClientSampleId :

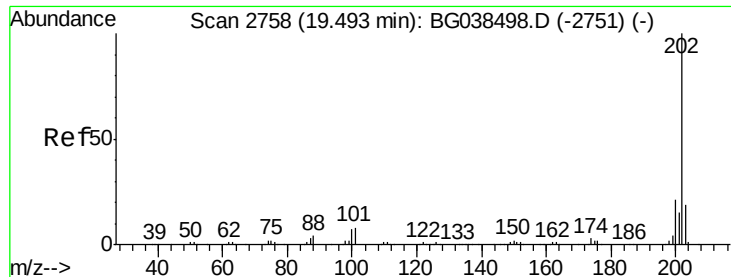
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.9	26.9
139	13.6	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 40.022 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038534.D
 Acq: 13 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 39.149 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampled :

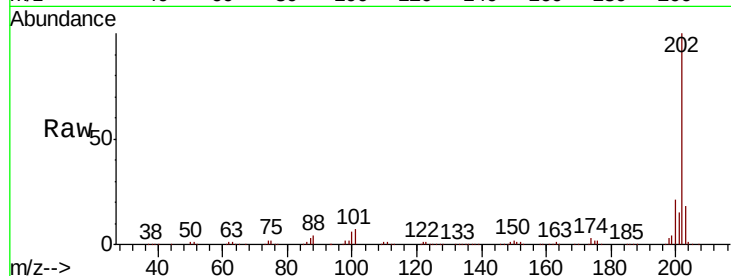
Tot Ion:202 Resp: 590095

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.1

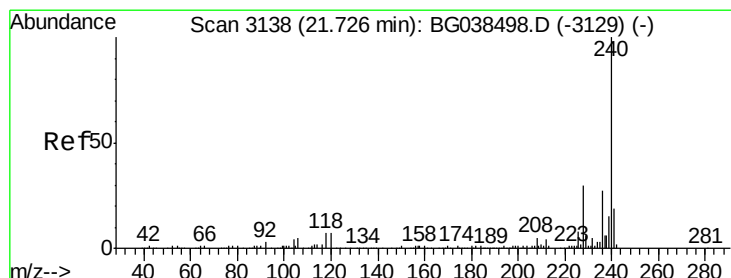
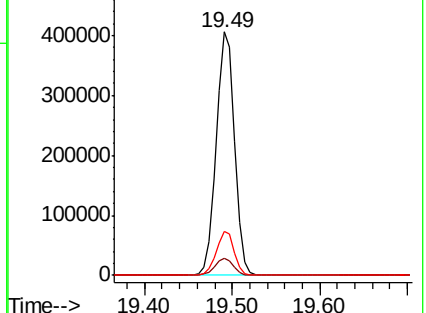
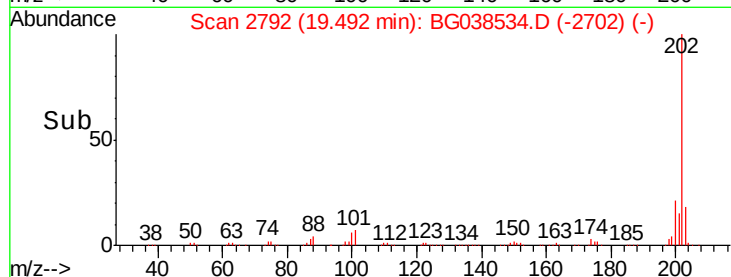
203 18.0 0.0 39.0



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: BG038534.D

Acq: 13 Dec 2018 16:05

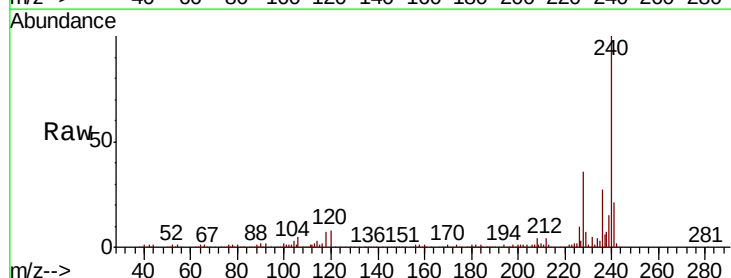
Tgt Ion:240 Resp: 225592

Ion Ratio Lower Upper

240 100

120 7.9 5.3 7.9

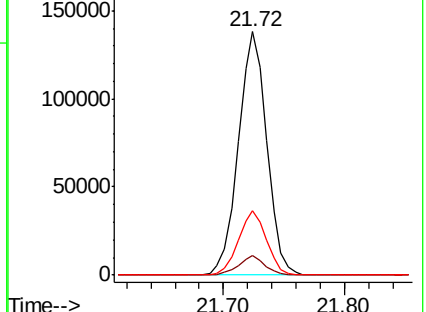
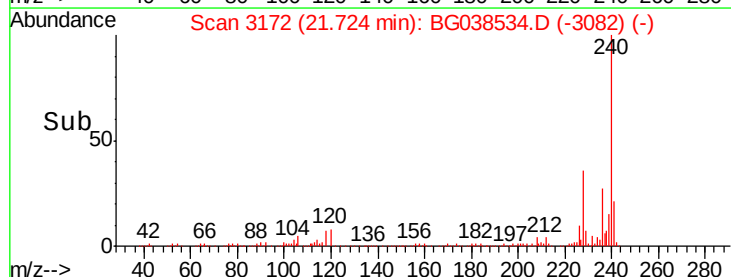
236 26.6 21.4 32.2

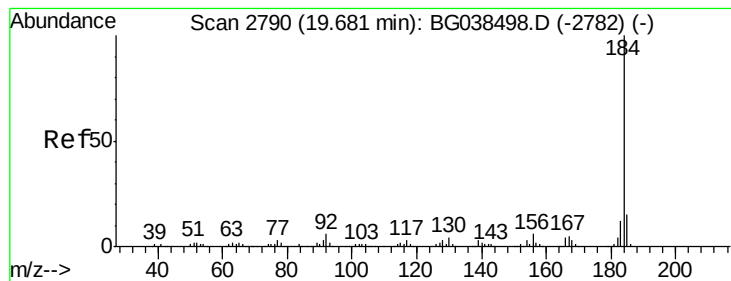


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.097 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

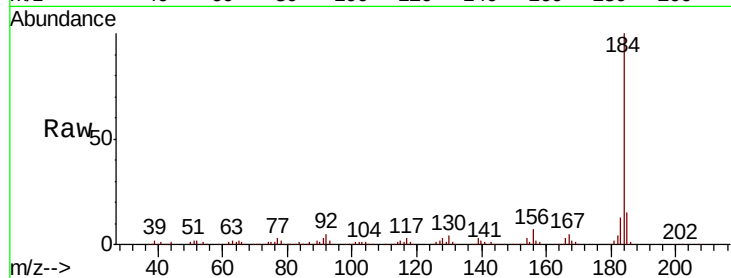
Tot Ion:184 Resp: 294199

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

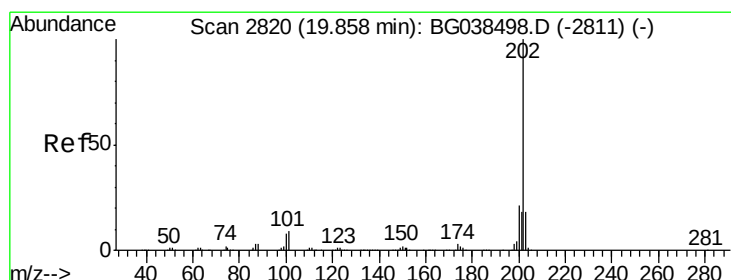
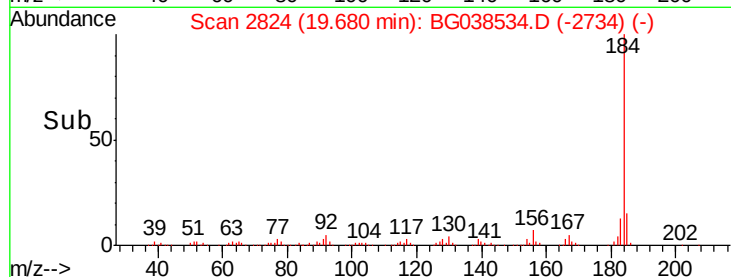
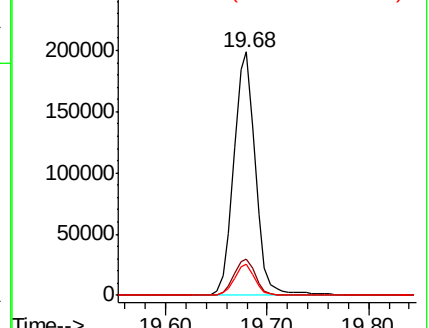
183 12.6 9.6 14.4



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: 40.341 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

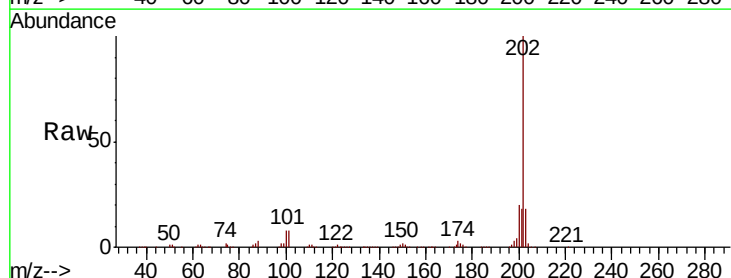
Tgt Ion:202 Resp: 601206

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

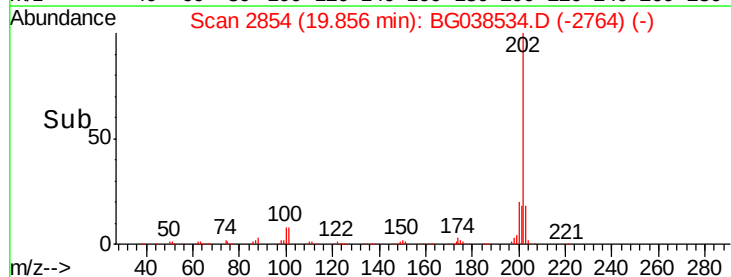
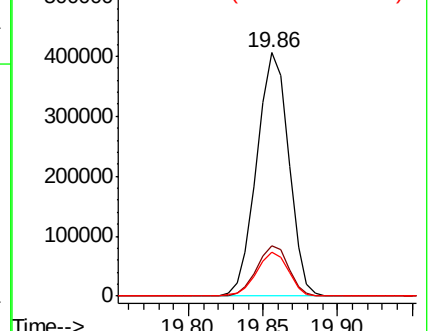
203 17.9 14.6 21.8

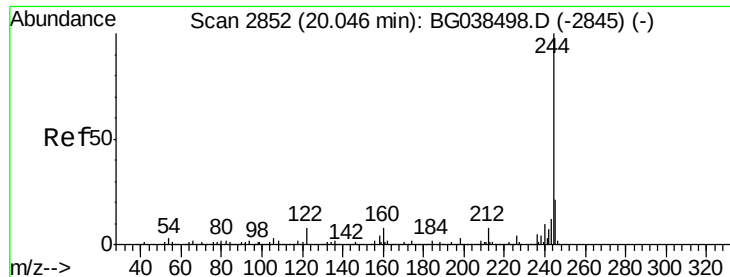


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.224 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

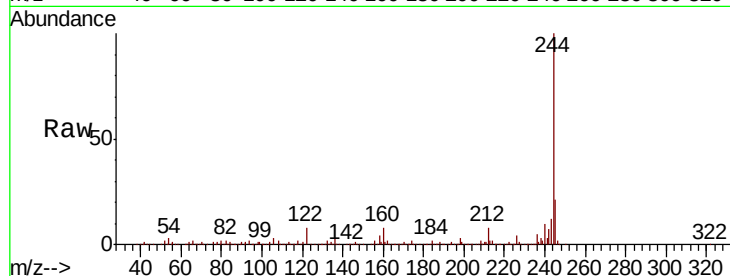
Tot Ion:244 Resp: 841942

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

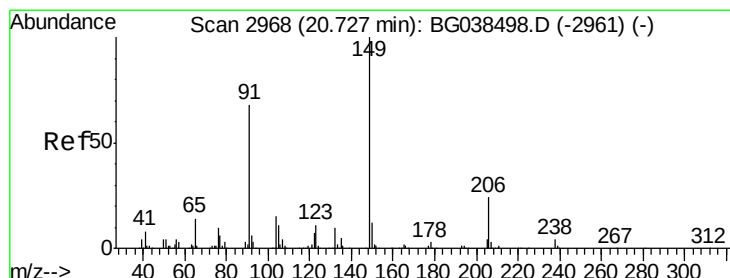
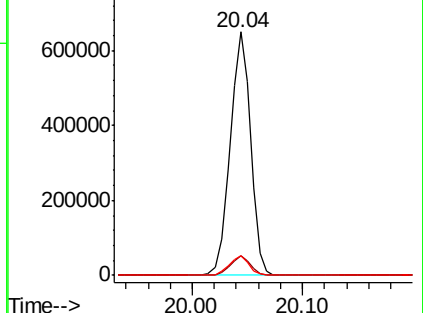
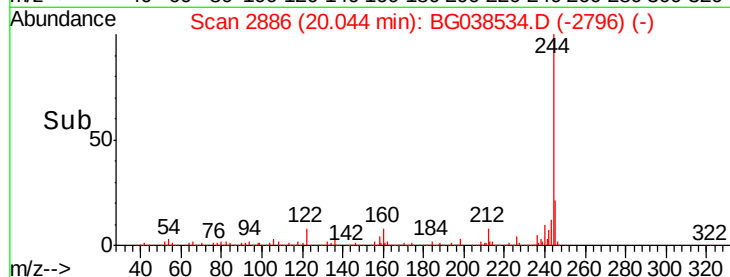
122 7.9 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.961 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

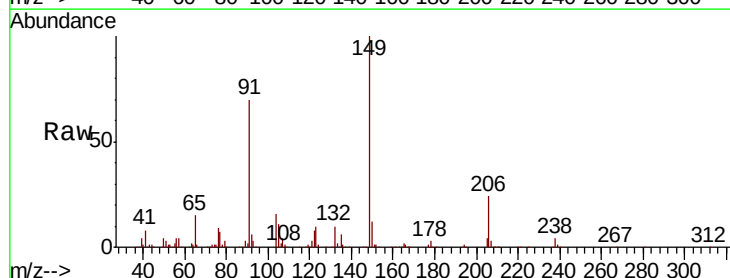
Tgt Ion:149 Resp: 244320

Ion Ratio Lower Upper

149 100

91 69.8 54.5 81.7

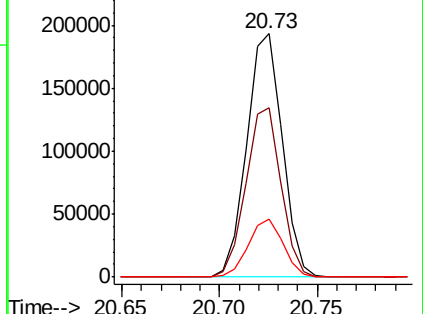
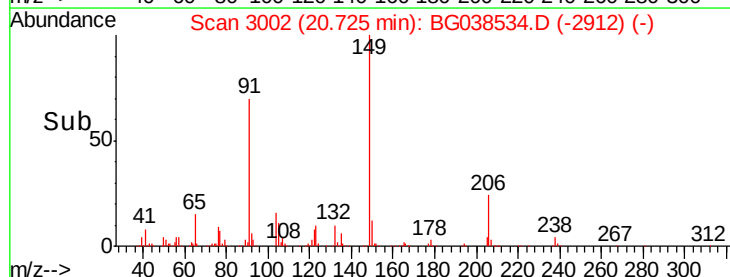
206 23.8 19.0 28.6

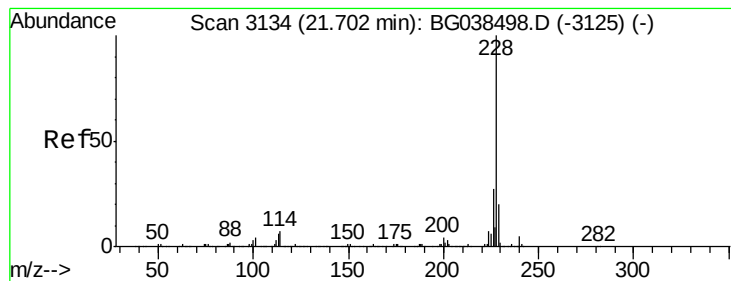


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.302 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

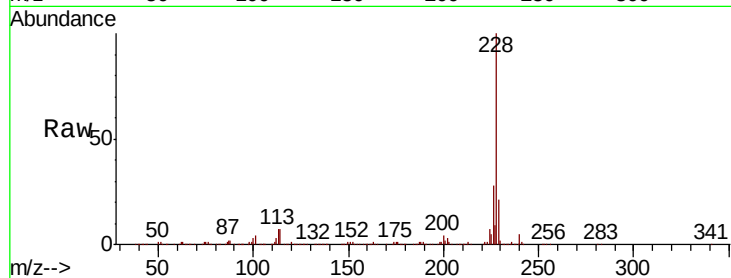
Tot Ion:228 Resp: 567756

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

229 21.4 15.8 23.6

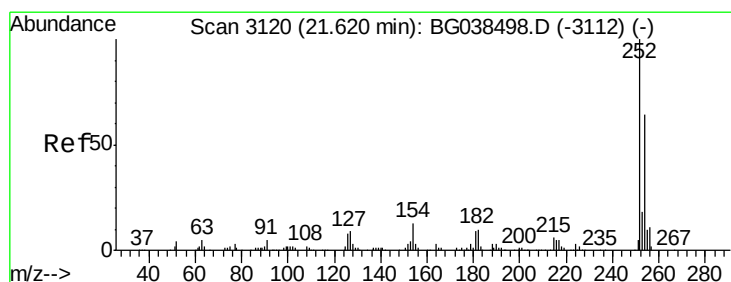
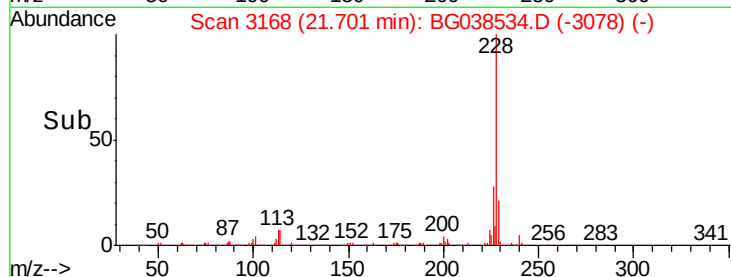
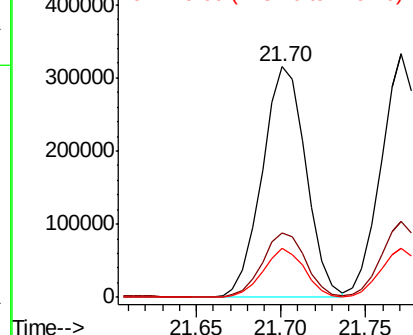


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.261 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

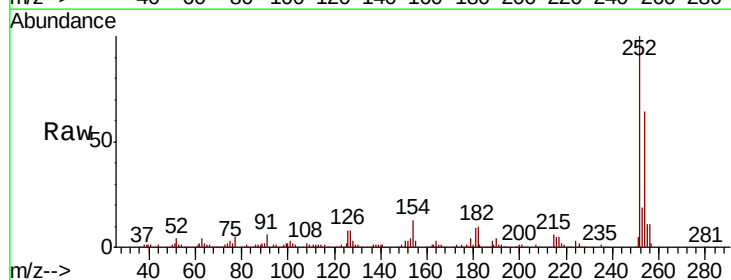
Tgt Ion:252 Resp: 230404

Ion Ratio Lower Upper

252 100

254 63.9 50.9 76.3

126 8.3 6.3 9.5

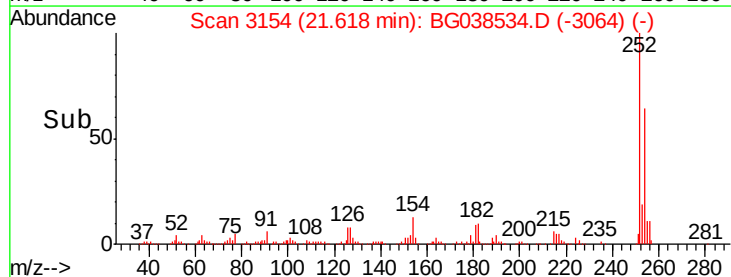
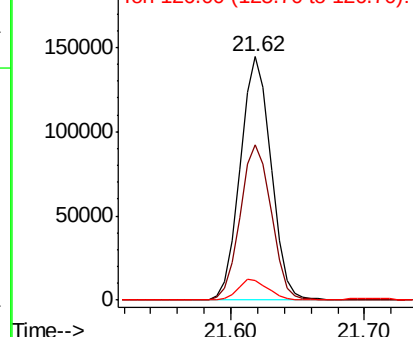


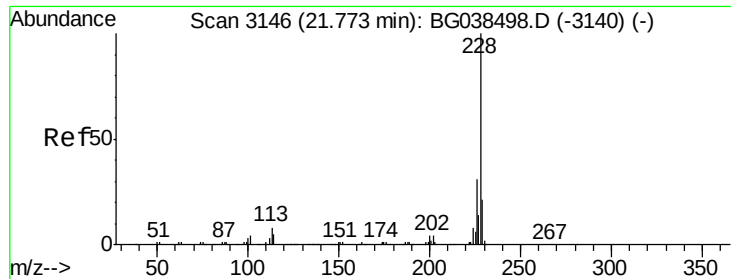
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.351 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampled :

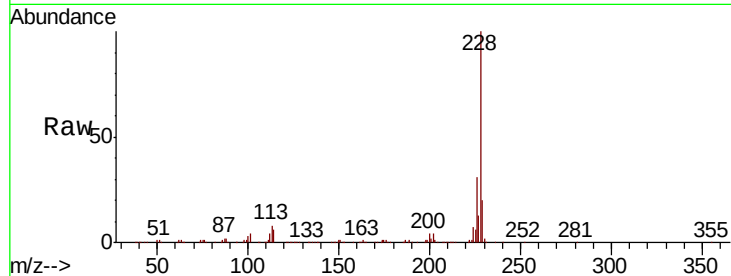
Tot Ion:228 Resp: 534274

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

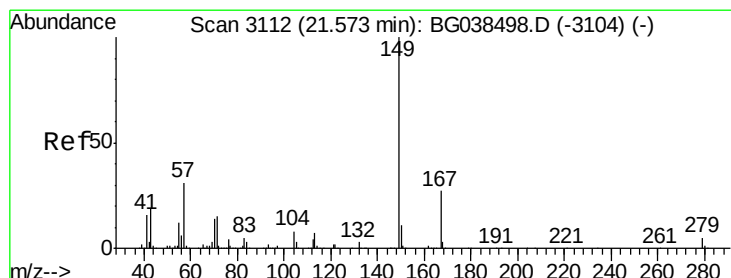
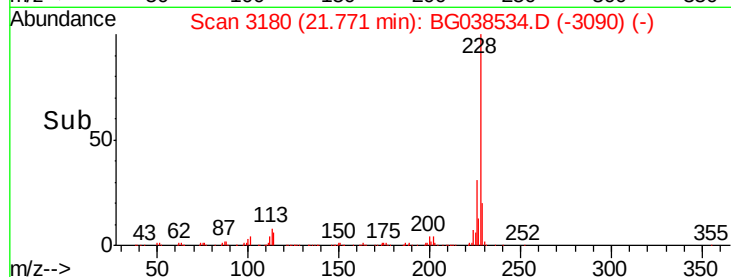
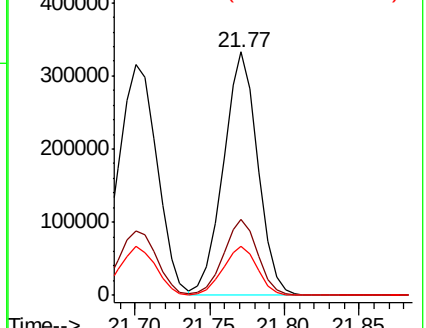
229 20.0 16.5 24.7



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: 41.492 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

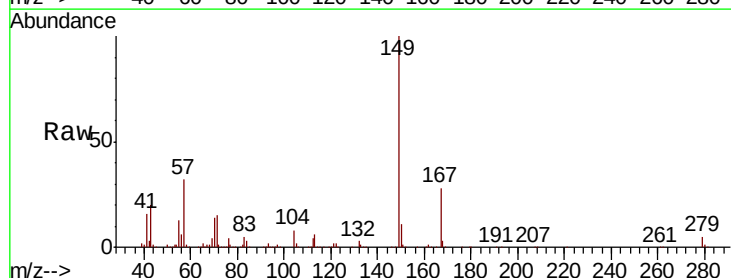
Tgt Ion:149 Resp: 342637

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

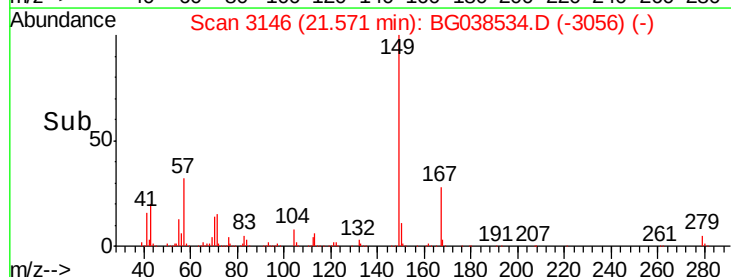
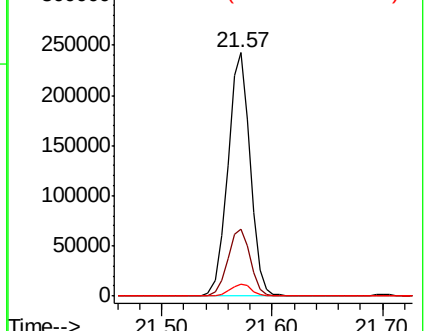
279 5.1 4.2 6.2

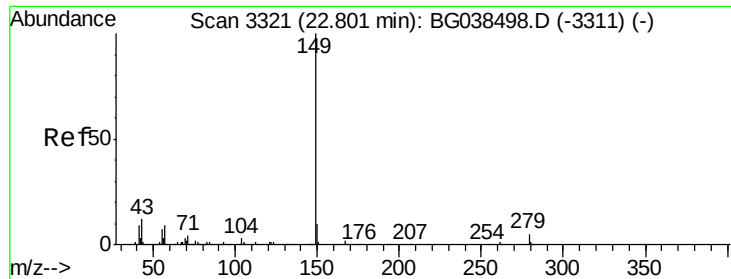


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.380 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

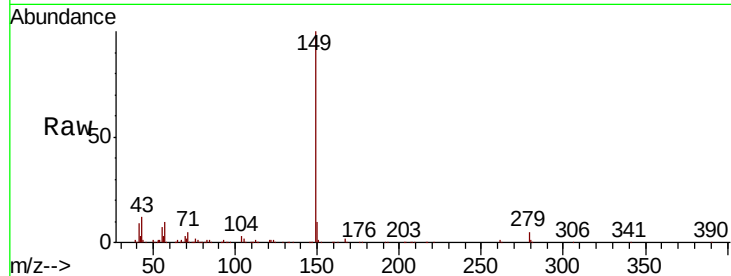
Tot Ion:149 Resp: 572280

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

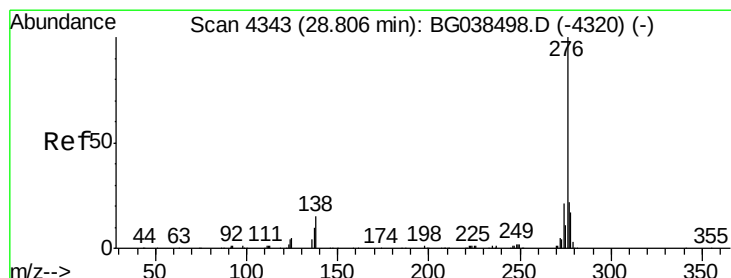
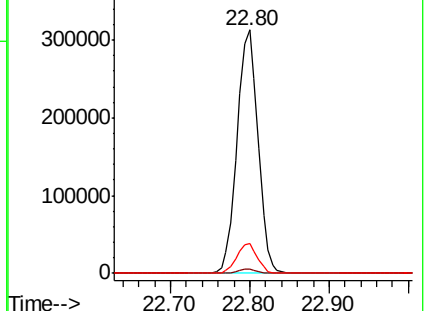
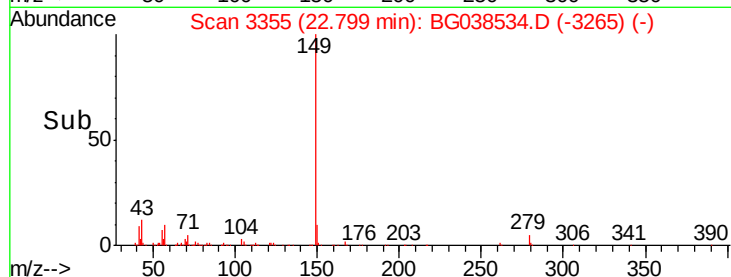
43 12.2 9.3 13.9



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: 41.776 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

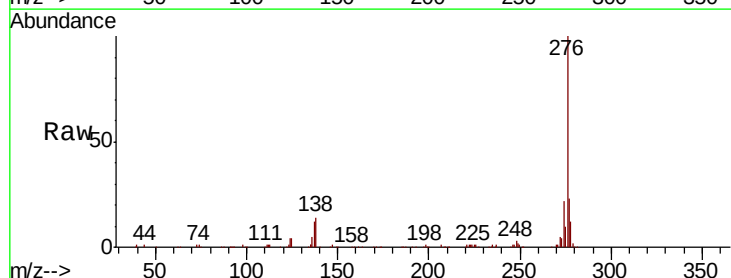
Tgt Ion:276 Resp: 650294

Ion Ratio Lower Upper

276 100

138 11.4 14.4 21.6#

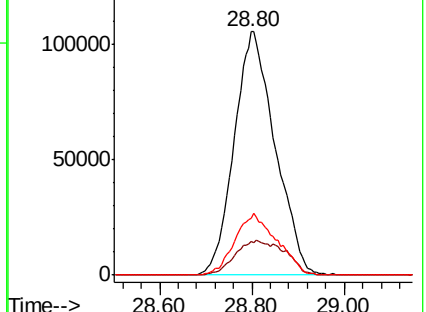
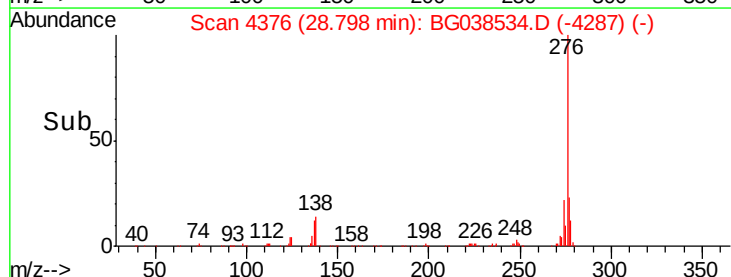
277 25.9 0.0 0.0#

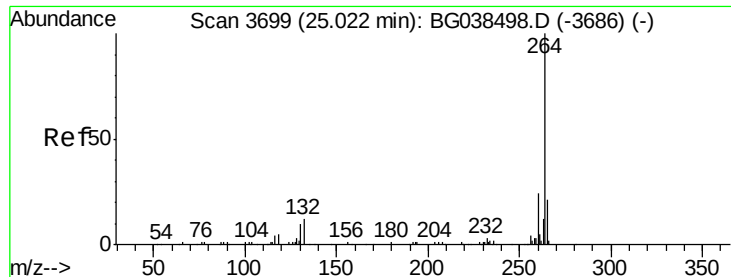


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

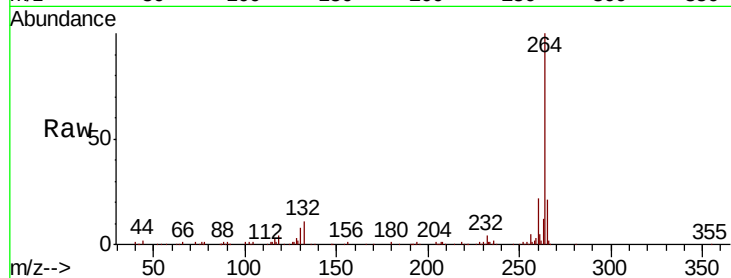
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 252224

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.9	28.3
265	21.3	17.0	25.4

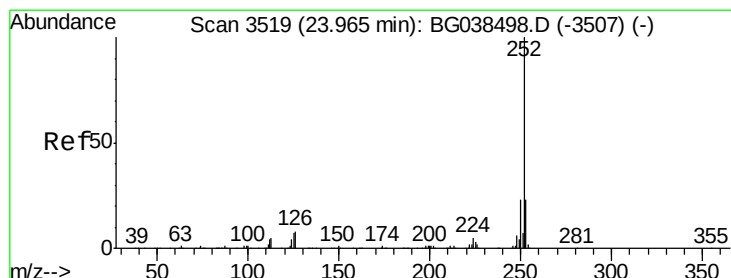
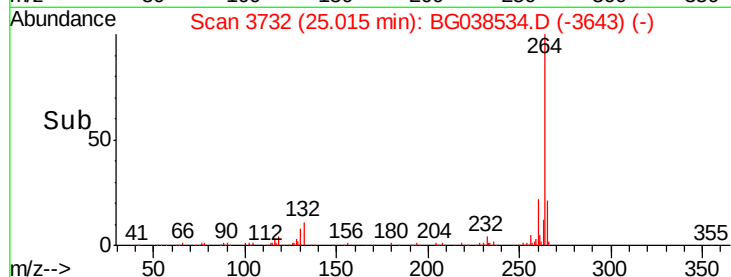
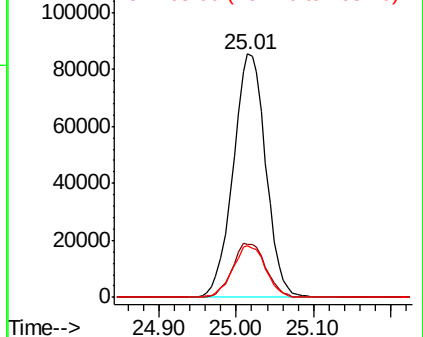


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.749 ng

RT: 23.96 min Scan# 3553

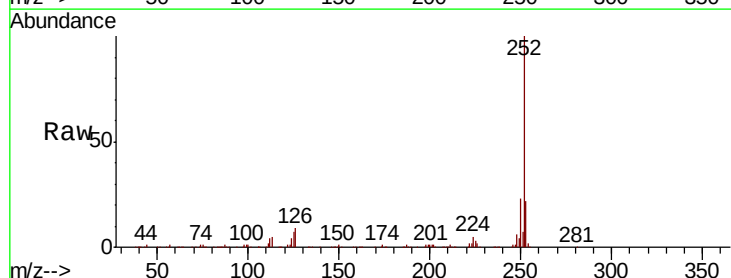
Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Tgt Ion:252 Resp: 564303

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	6.9	5.5	8.3

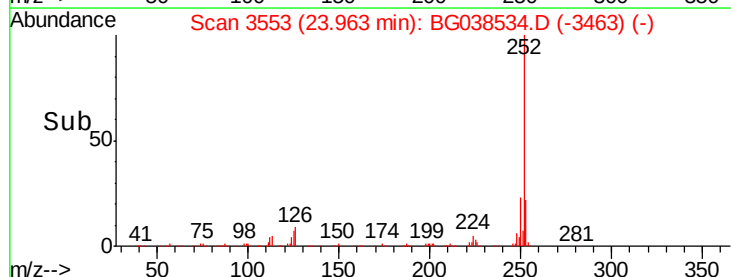
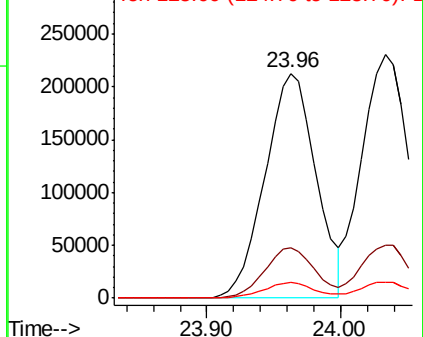


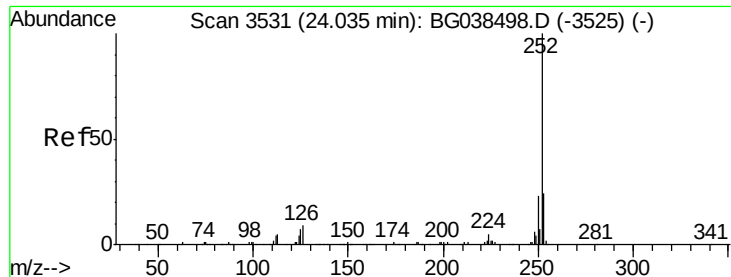
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.399 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

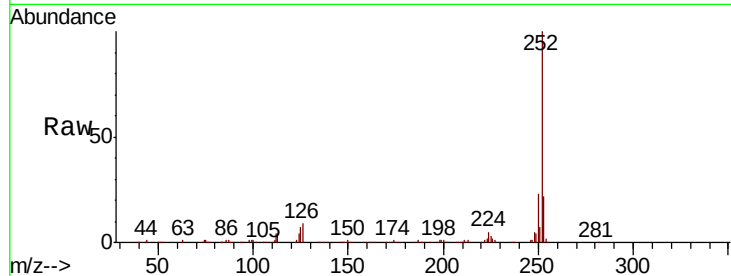
Tot Ion:252 Resp: 557094

Ion Ratio Lower Upper

252 100

253 21.8 18.9 28.3

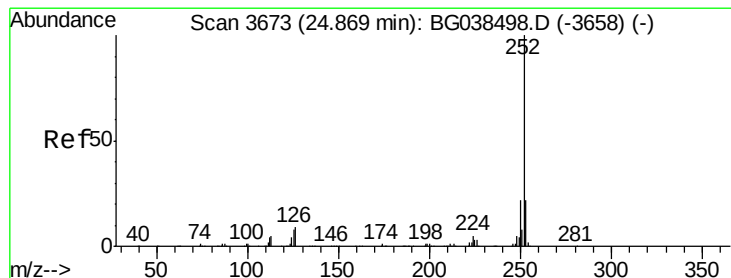
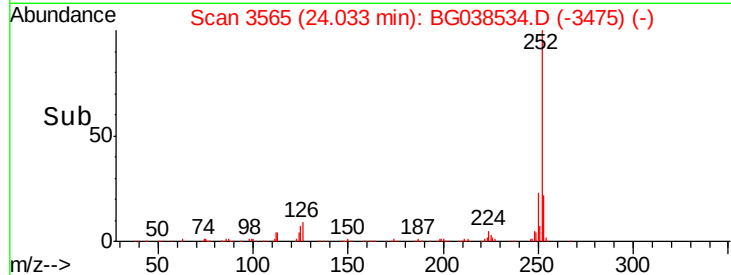
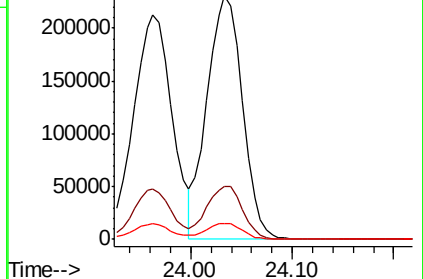
125 6.7 5.4 8.2



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



#90

Benzo(a)pyrene

Concen: 40.556 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

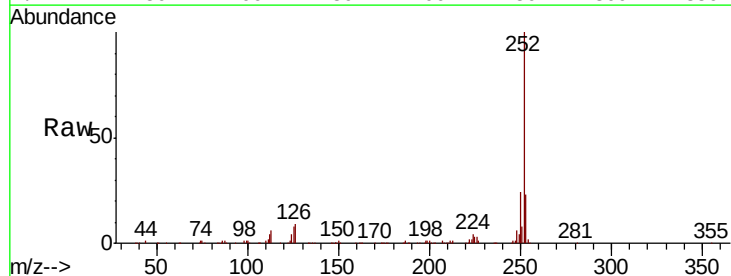
Tgt Ion:252 Resp: 541816

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

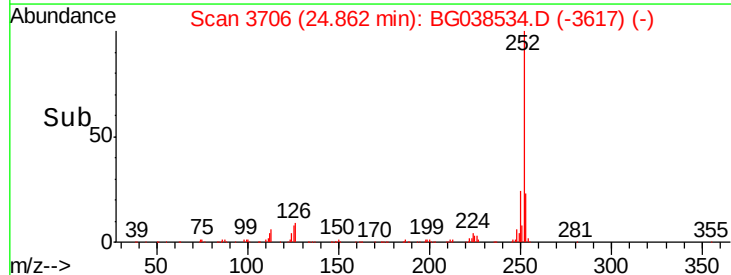
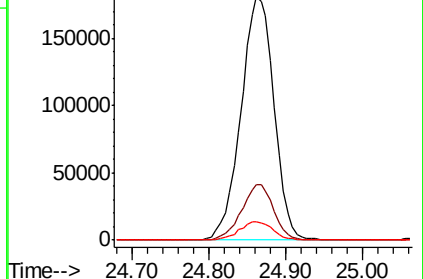
125 7.6 6.4 9.6

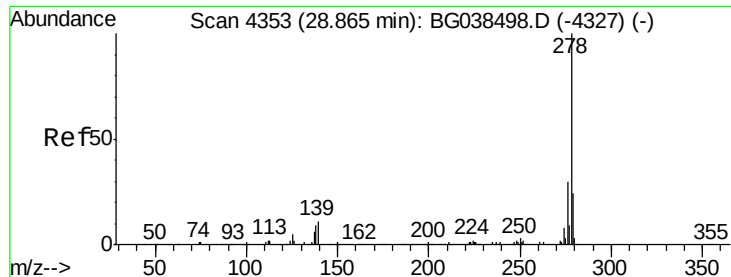


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.728 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

Instrument :

BNA_G

ClientSampleId :

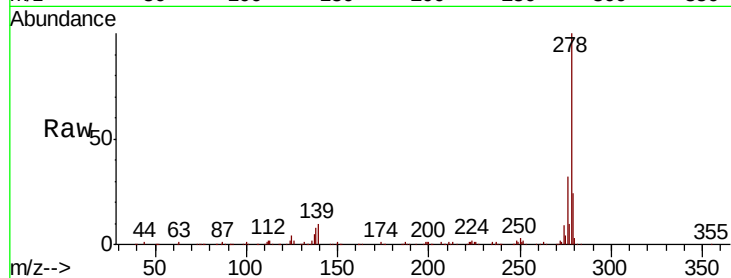
Tot Ion:278 Resp: 541770

Ion Ratio Lower Upper

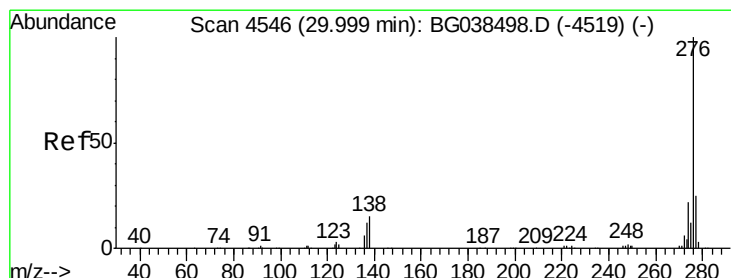
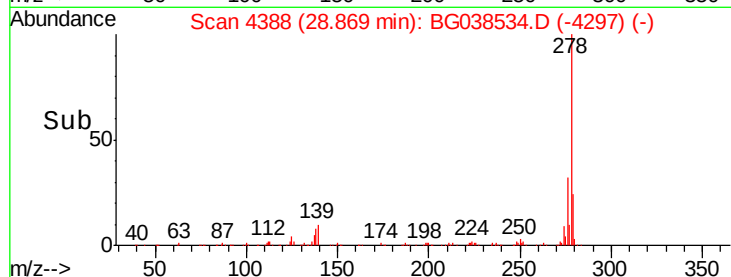
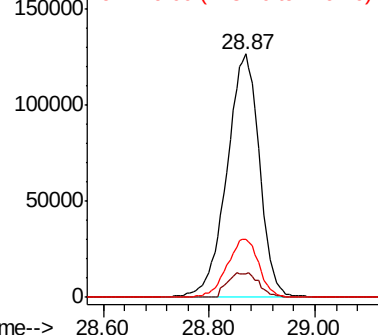
278 100

139 9.6 8.6 12.8

279 23.8 19.0 28.6



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



#92

Benzo(g,h,i)perylene

Concen: 40.577 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038534.D

Acq: 13 Dec 2018 16:05

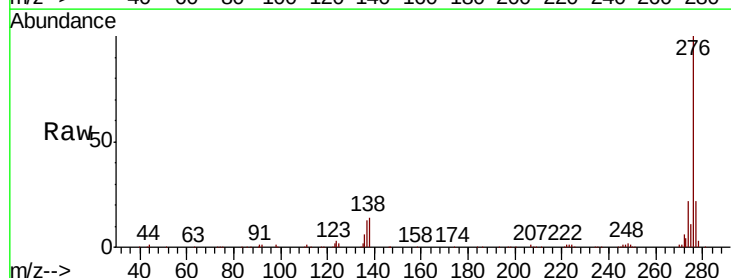
Tgt Ion:276 Resp: 531938

Ion Ratio Lower Upper

276 100

277 22.4 19.8 29.8

138 14.3 11.8 17.6



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

