

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG038998.D
 Acq On : 8 Jan 2019 17:54
 Operator : JU/SJ
 Sample : PB116229BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 02:48:20 2019
 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	8.04	152	24348	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	99950	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	73100	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	187142	20.00	ng	0.00
76) Chrysene-d12	21.71	240	192753	20.00	ng	-0.01
87) Perylene-d12	25.00	264	191209	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	193568	141.01	ng	0.00
7) Phenol-d6	7.21	99	269463	142.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	128022	65.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	158719	157.55	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	376961	70.74	ng	-0.01
79) Terphenyl-d14	20.03	244	739731	83.52	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	18098	28.327	ng	94
3) Pyridine	3.88	79	47597	27.058	ng	93
4) n-Nitrosodimethylamine	3.81	42	27559	31.975	ng	91
6) Aniline	7.37	93	76722	31.892	ng	96
8) 2-Chlorophenol	7.61	128	71470	44.989	ng	92
9) Benzaldehyde	7.19	77	13969	11.426	ng	97
10) Phenol	7.24	94	90084	44.994	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	56717	35.581	ng	91
12) 1,3-Dichlorobenzene	7.93	146	69939	37.235	ng	96
13) 1,4-Dichlorobenzene	8.08	146	72198	37.530	ng	94
14) 1,2-Dichlorobenzene	8.40	146	68789	37.930	ng	97
15) Benzyl Alcohol	8.29	79	63366	43.078	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	110260	30.196	ng	98
17) 2-Methylphenol	8.49	107	63076	47.023	ng	98
18) Hexachloroethane	9.12	117	24553	34.928	ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	48953	36.985	ng	93
20) 3+4-Methylphenols	8.82	107	88846	47.959	ng	95
22) Acetophenone	8.88	105	100732	40.349	ng	94
24) Nitrobenzene	9.26	77	74864	37.825	ng	100
25) Isophorone	9.78	82	145554	41.407	ng	96
26) 2-Nitrophenol	9.97	139	43719	43.158	ng	90
27) 2,4-Dimethylphenol	10.02	122	74668	51.432	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	83719	42.203	ng	99
29) 2,4-Dichlorophenol	10.51	162	83321	51.589	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	82686	42.384	ng	98
31) Naphthalene	10.91	128	219767	44.626	ng	99
32) Benzoic acid	10.19	122	37842	42.511	ng	90
33) 4-Chloroaniline	11.03	127	63689	29.788	ng	95
34) Hexachlorobutadiene	11.17	225	55192	41.810	ng	98
35) Caprolactam	11.82	113	14681	21.964	ng	# 90
36) 4-Chloro-3-methylphenol	12.15	107	86291	46.818	ng	90
37) 2-Methylnaphthalene	12.51	142	172692	49.154	ng	99
38) 1-Methylnaphthalene	12.74	142	164693	48.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	107840	39.466	ng	98

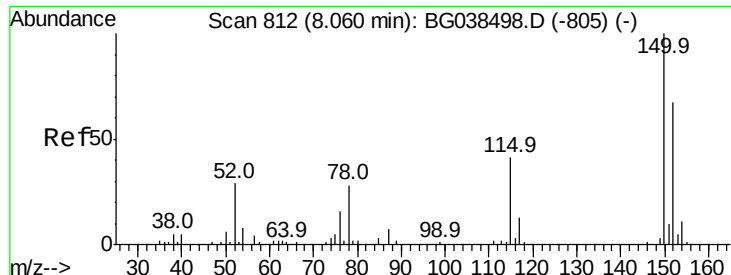
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	133757	89.100	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	79191	47.135	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	82845	46.573	ng	95
46) 1,1'-Biphenyl	13.52	154	237037	38.680	ng	97
47) 2-Chloronaphthalene	13.56	162	189423	40.016	ng	97
48) 2-Nitroaniline	13.78	65	56166	37.251	ng	# 85
49) Acenaphthylene	14.41	152	309967	43.801	ng	98
50) Dimethylphthalate	14.13	163	261678	43.835	ng	99
51) 2,6-Dinitrotoluene	14.27	165	58735	43.417	ng	# 85
52) Acenaphthene	14.75	154	178544	42.193	ng	97
53) 3-Nitroaniline	14.61	138	41174	29.857	ng	91
54) 2,4-Dinitrophenol	14.82	184	77990	95.797	ng	93
55) Dibenzofuran	15.08	168	308049	42.468	ng	98
56) 4-Nitrophenol	14.92	139	88115	84.227	ng	94
57) 2,4-Dinitrotoluene	15.06	165	82859	43.487	ng	90
58) Fluorene	15.73	166	248151	46.176	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	79753	49.833	ng	97
60) Diethylphthalate	15.49	149	264357	40.339	ng	97
61) 4-Chlorophenyl-phenylether	15.71	204	142364	42.458	ng	99
62) 4-Nitroaniline	15.77	138	59001	41.558	ng	94
63) Azobenzene	16.01	77	205165	37.476	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	56542	42.354	ng	85
66) n-Nitrosodiphenylamine	15.94	169	227006	41.284	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	96807	42.356	ng	95
68) Hexachlorobenzene	16.73	284	104866	44.262	ng	# 94
69) Atrazine	16.88	200	93809	45.971	ng	96
70) Pentachlorophenol	17.08	266	116066	82.824	ng	94
71) Phenanthrene	17.48	178	430987	44.411	ng	99
72) Anthracene	17.57	178	435803	45.489	ng	100
73) Carbazole	17.84	167	388002	40.951	ng	99
74) Di-n-butylphthalate	18.37	149	452924	41.660	ng	99
75) Fluoranthene	19.49	202	542644	45.193	ng	97
77) Benzidine	19.67	184	199483	34.994	ng	100
78) Pyrene	19.85	202	539732	42.386	ng	100
80) Butylbenzylphthalate	20.71	149	203695	40.944	ng	93
81) Benzo(a)anthracene	21.70	228	524401	44.647	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	146399	31.428	ng	98
83) Chrysene	21.76	228	494326	43.695	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	282359	40.018	ng	97
85) Di-n-octyl phthalate	22.78	149	483064	40.880	ng	95
86) Indeno(1,2,3-cd)pyrene	28.79	276	586592	44.103	ng	# 94
88) Benzo(b)fluoranthene	23.95	252	528357	50.329	ng	99
89) Benzo(k)fluoranthene	24.02	252	499060	47.739	ng	97
90) Benzo(a)pyrene	24.85	252	506966	50.056	ng	# 97
91) Dibenzo(a,h)anthracene	28.85	278	483623	47.959	ng	98
92) Benzo(g,h,i)perylene	29.98	276	489586	49.264	ng	94

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

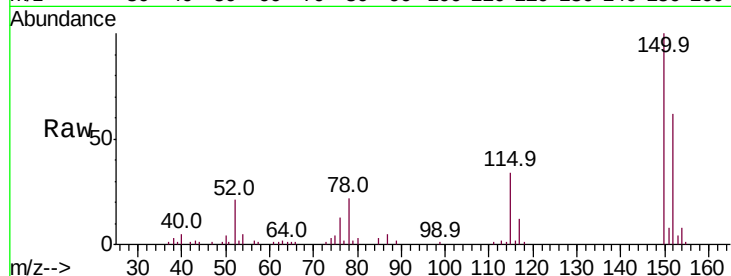


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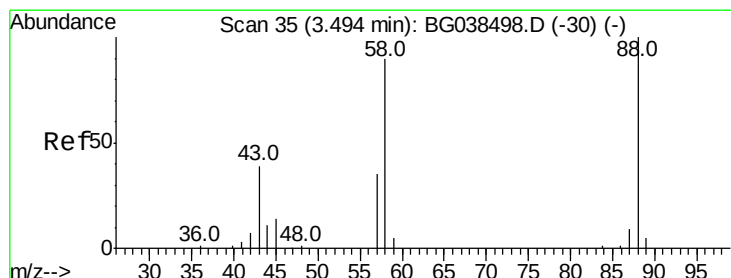
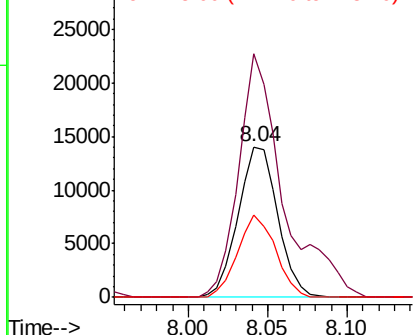
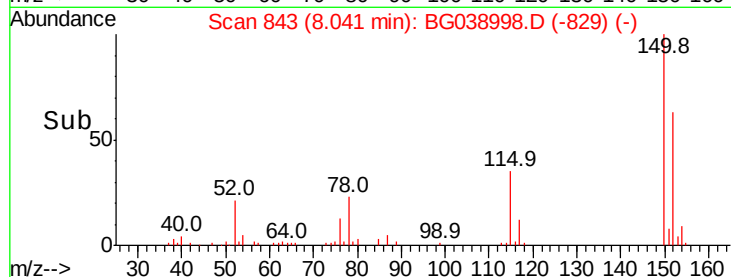
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 24348
Ion Ratio Lower Upper
152 100
150 161.9 119.5 179.3
115 55.2 49.6 74.4



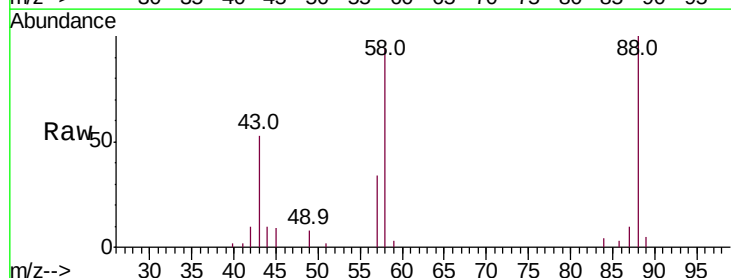
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



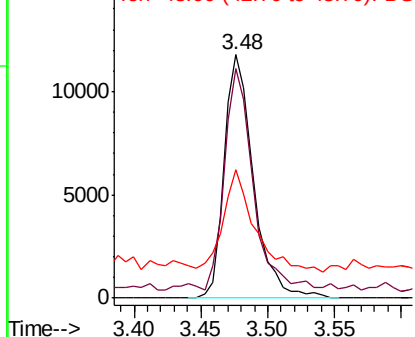
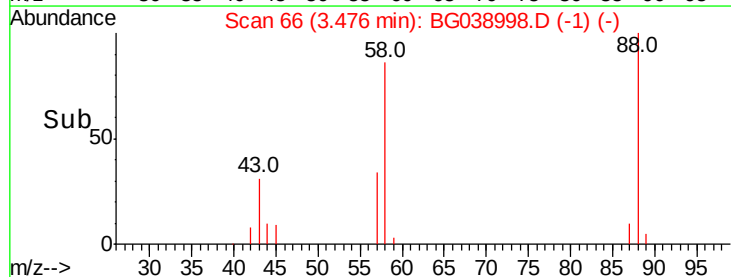
#2

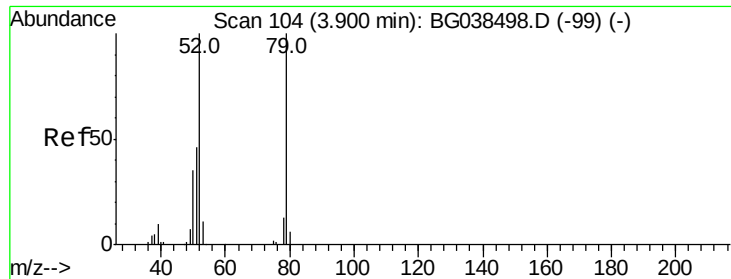
1,4-Dioxane
Concen: 28.327 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion: 88 Resp: 18098
Ion Ratio Lower Upper
88 100
58 90.3 75.7 113.5
43 45.6 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

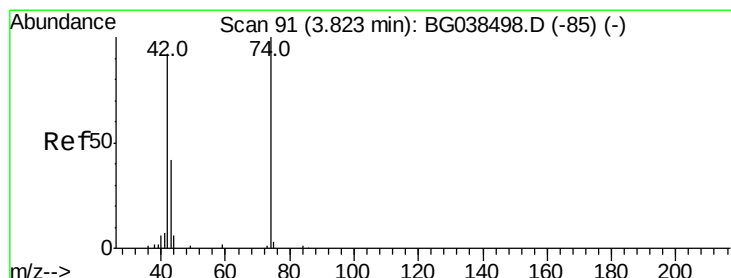
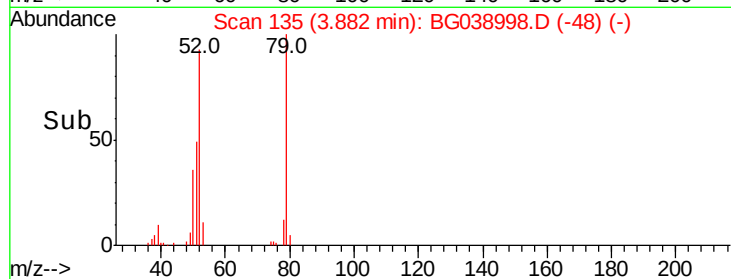
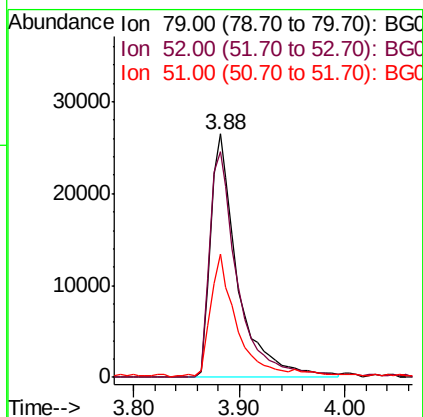
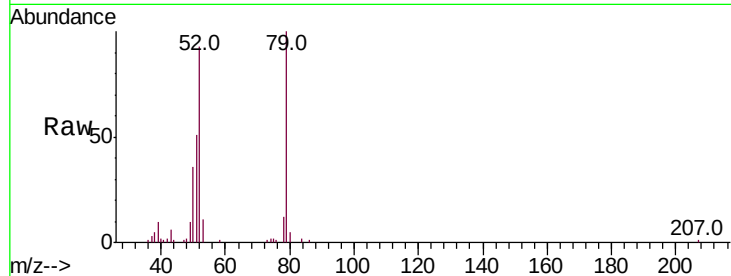




#3
 Pvridine
 Concen: 27.058 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

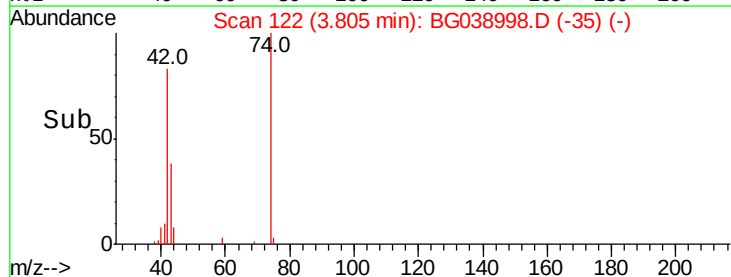
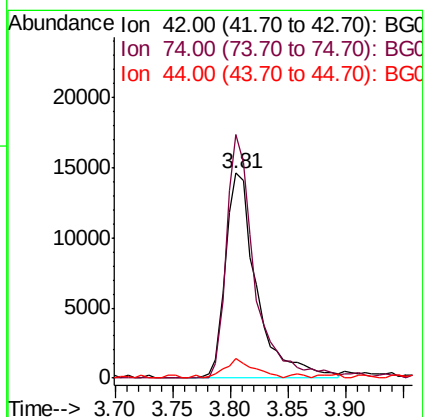
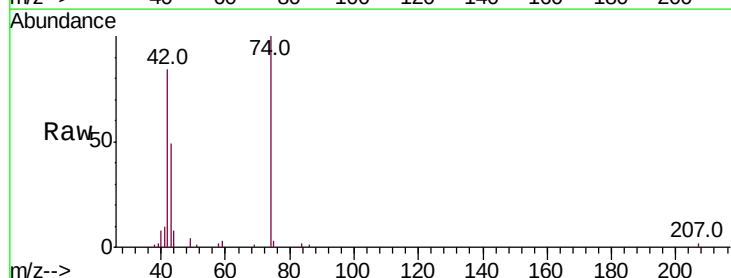
Instrument :
 BNA_G
 ClientSampleId :

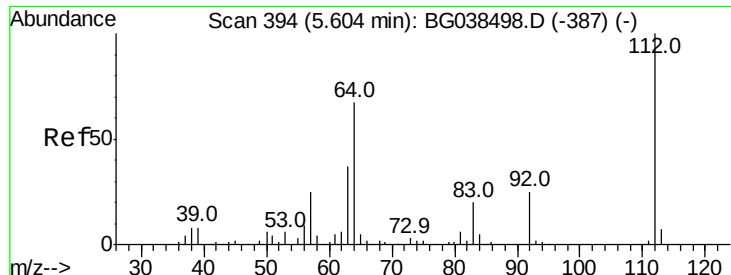
Tot Ion: 79 Resp: 47597
 Ion Ratio Lower Upper
 79 100
 52 92.7 80.2 120.2
 51 50.6 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 31.975 ng
 RT: 3.81 min Scan# 122
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion: 42 Resp: 27559
 Ion Ratio Lower Upper
 42 100
 74 118.8 86.7 130.1
 44 9.7 7.8 11.8

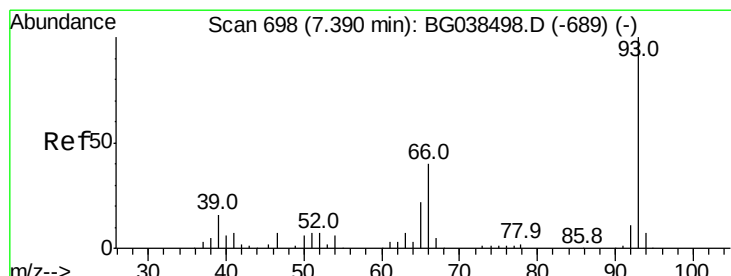
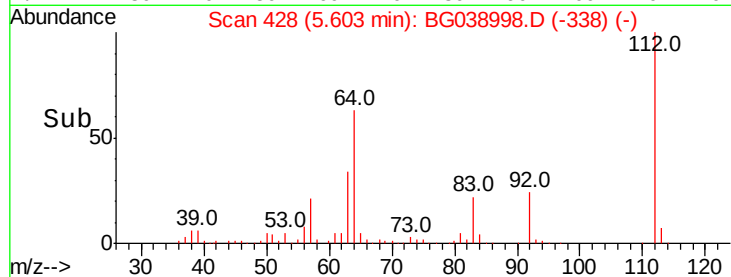
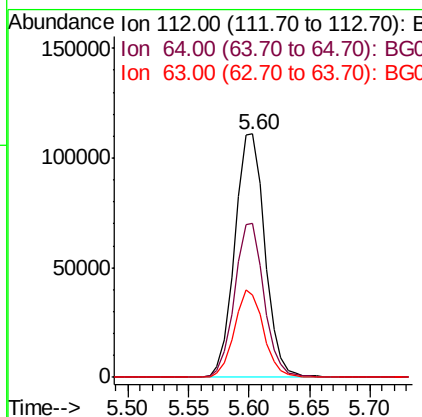
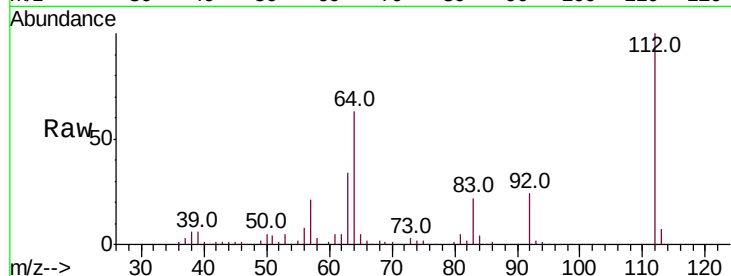




#5
 2-Fluorophenol
 Concen: 141.006 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

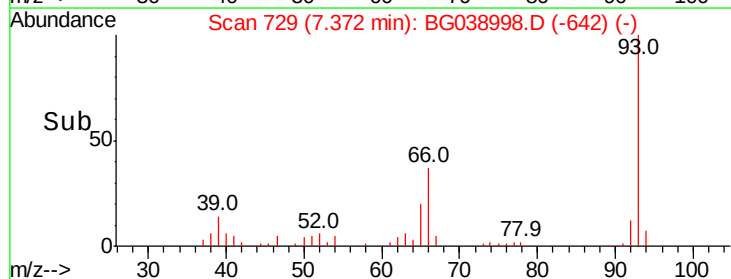
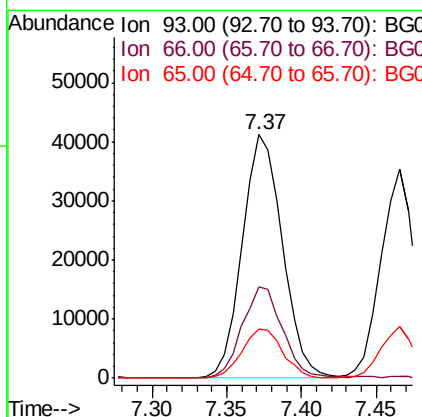
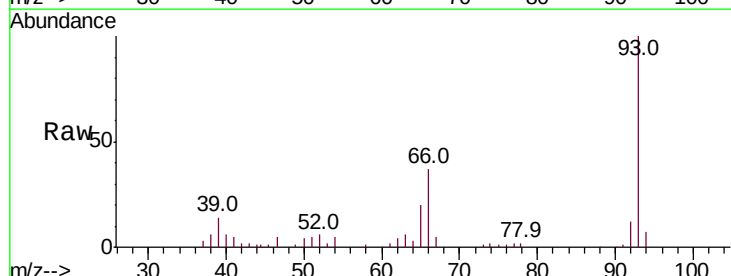
Instrument :
 BNA_G
 ClientSampleId :

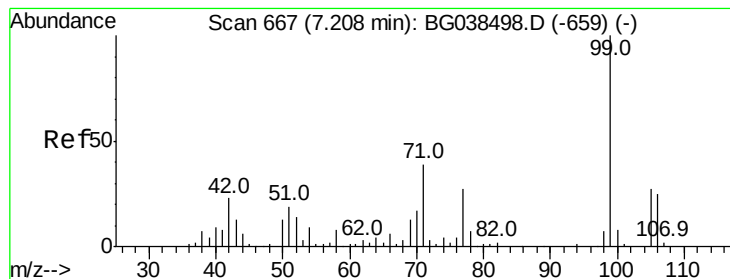
Tot Ion:	112	Resp:	193568
Ion	Ratio	Lower	Upper
112	100		
64	63.1	53.4	80.2
63	33.8	29.3	43.9



#6
 Aniline
 Concen: 31.892 ng
 RT: 7.37 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:	93	Resp:	76722
Ion	Ratio	Lower	Upper
93	100		
66	37.2	31.7	47.5
65	20.2	17.8	26.6





#7

Phenol-d6

Concen: 142.986 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

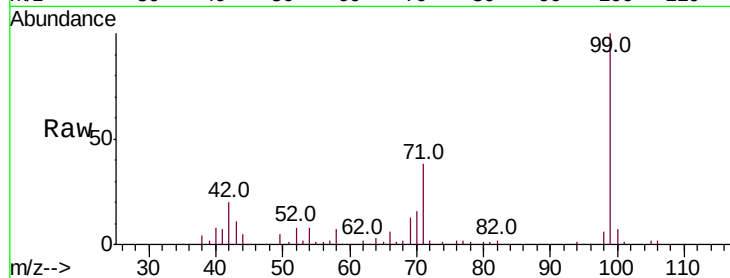
Tot Ion: 99 Resp: 269463

Ion Ratio Lower Upper

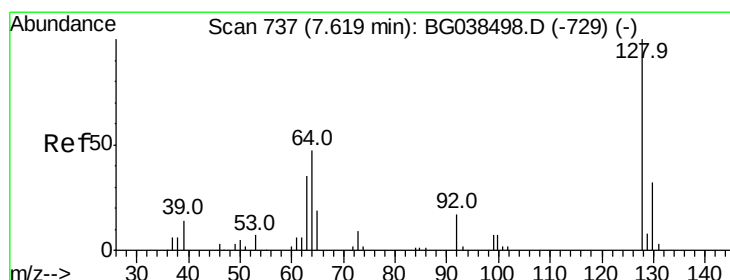
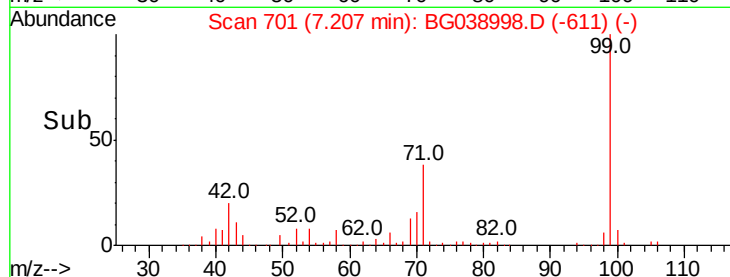
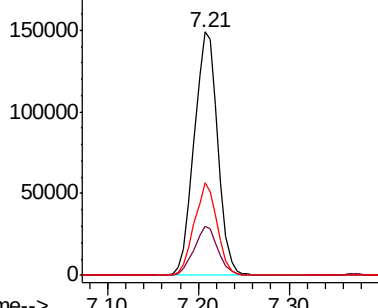
99 100

42 20.0 18.5 27.7

71 38.2 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: 44.989 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

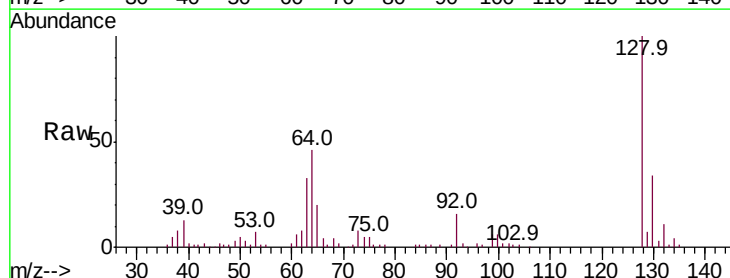
Tgt Ion: 128 Resp: 71470

Ion Ratio Lower Upper

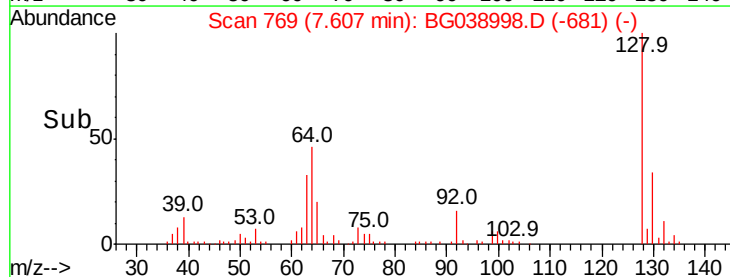
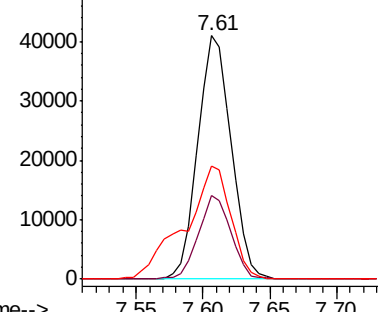
128 100

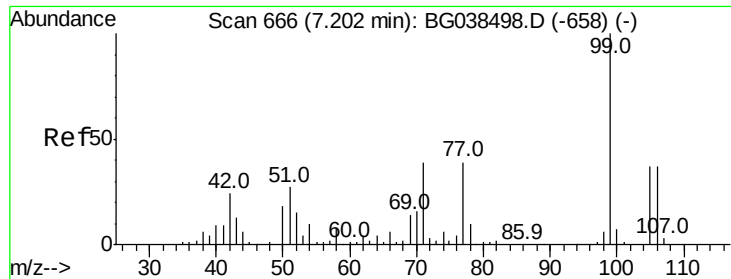
130 34.3 11.8 51.8

64 46.4 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: 11.426 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampleId :

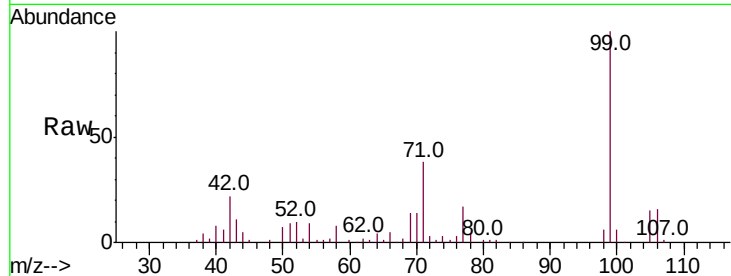
Tot Ion: 77 Resp: 13969

Ion Ratio Lower Upper

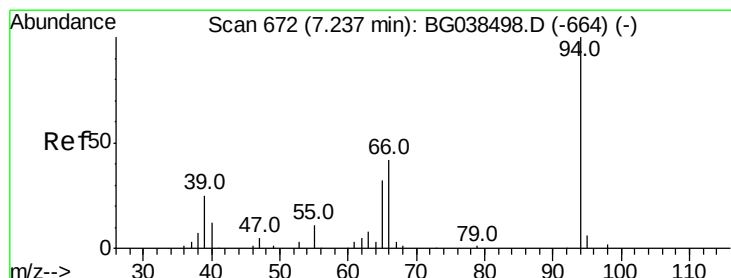
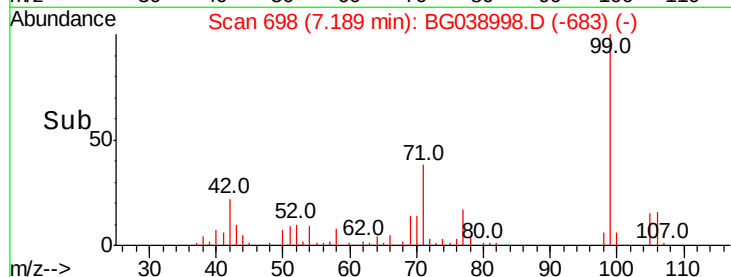
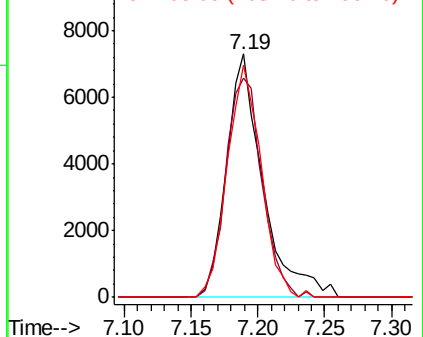
77 100

105 89.9 74.0 114.0

106 95.2 73.9 113.9



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



#10

Phenol

Concen: 44.994 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

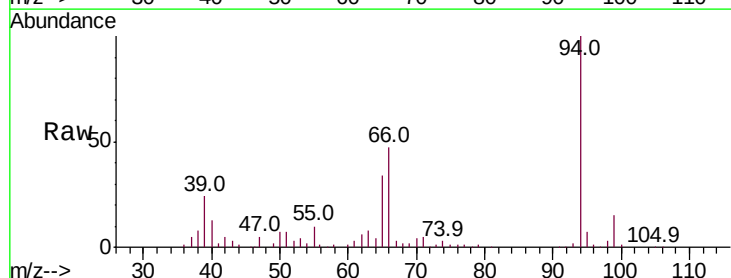
Tgt Ion: 94 Resp: 90084

Ion Ratio Lower Upper

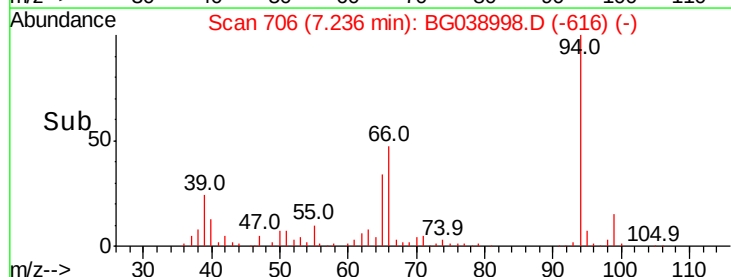
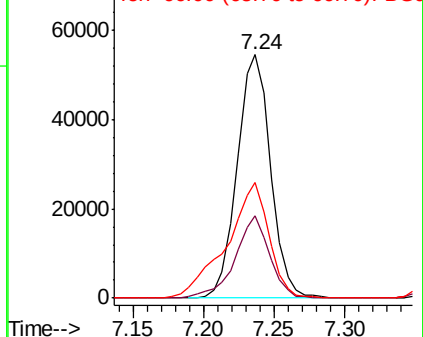
94 100

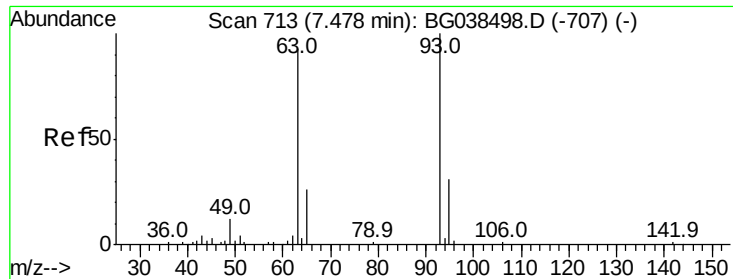
65 33.7 12.6 52.6

66 47.4 24.1 64.1



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





#11

bis(2-Chloroethyl)ether

Concen: 35.581 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampleId :

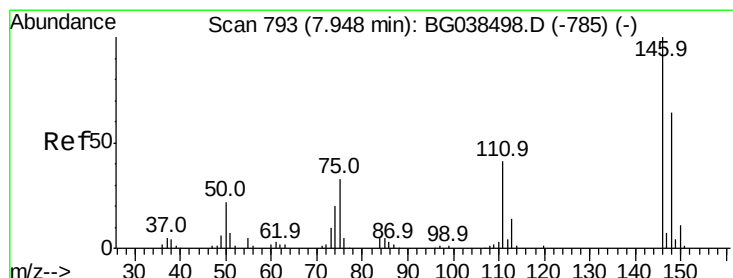
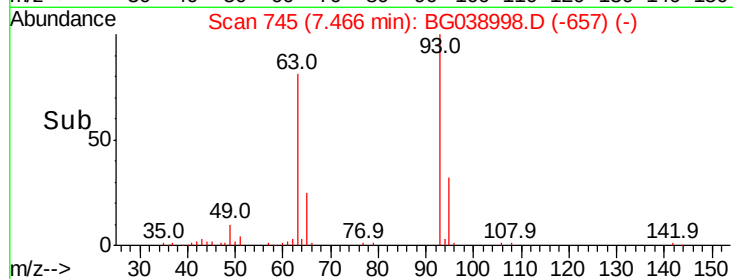
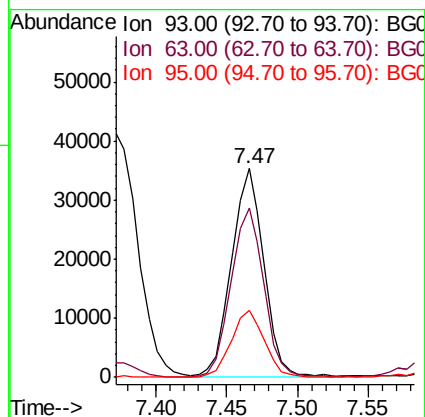
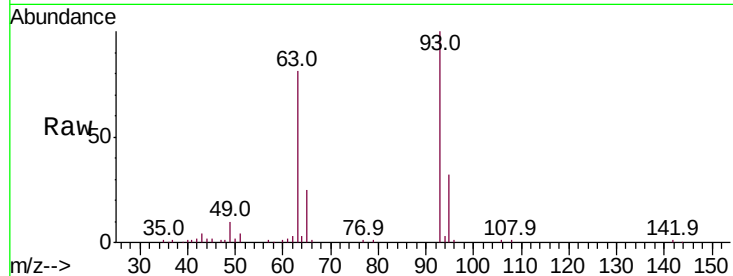
Tot Ion: 93 Resp: 56717

Ion Ratio Lower Upper

93 100

63 80.9 72.2 112.2

95 32.3 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 37.235 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

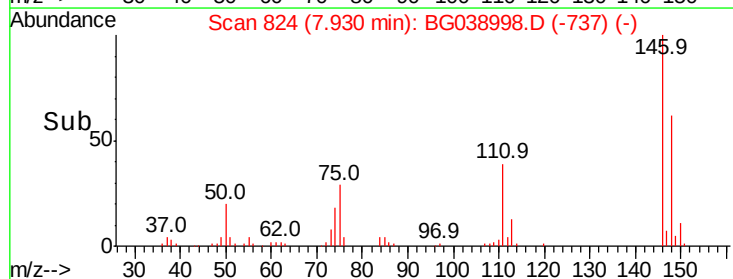
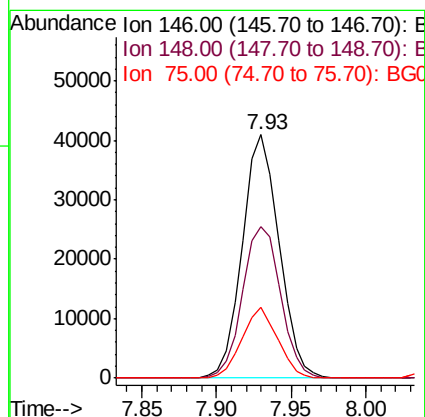
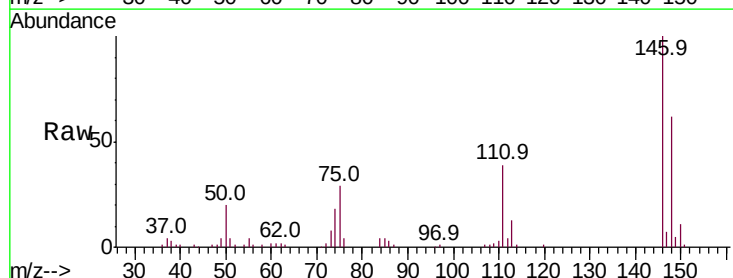
Tgt Ion:146 Resp: 69939

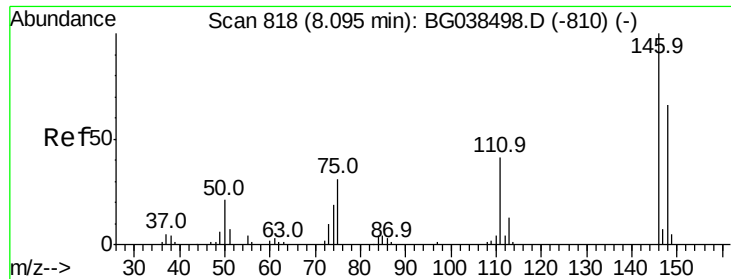
Ion Ratio Lower Upper

146 100

148 62.3 51.4 77.0

75 29.1 26.1 39.1

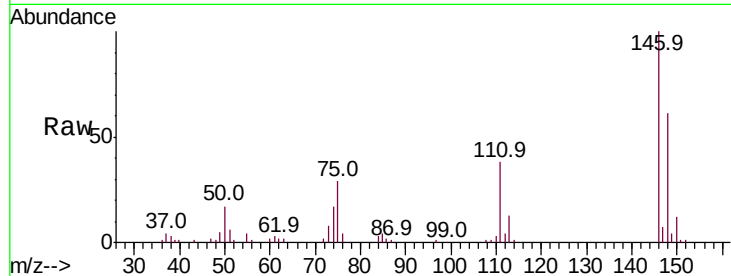




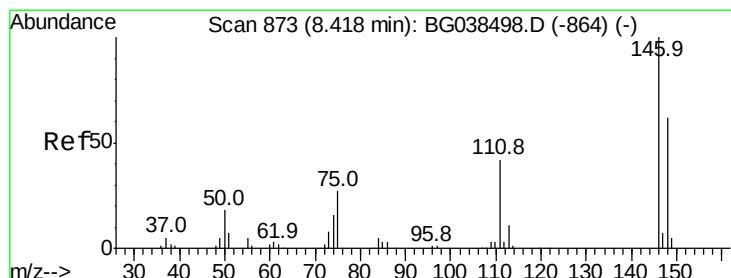
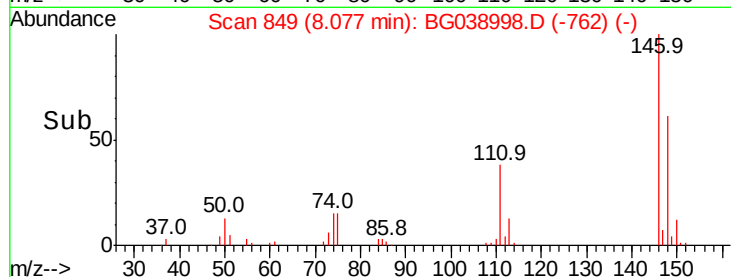
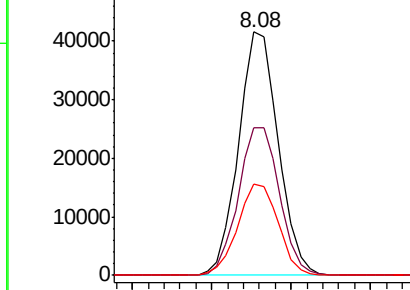
#13
 1,4-Dichlorobenzene
 Concen: 37.530 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 72198
 Ion Ratio Lower Upper
 146 100
 148 60.8 52.4 78.6
 111 37.7 33.0 49.4

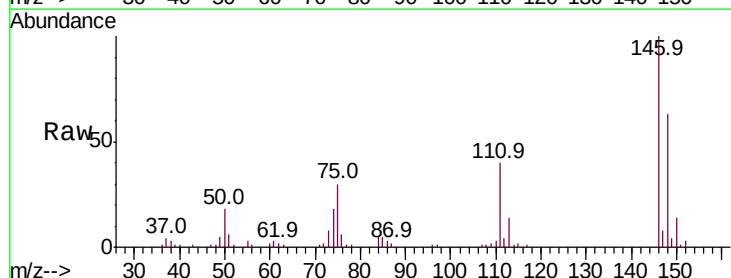


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

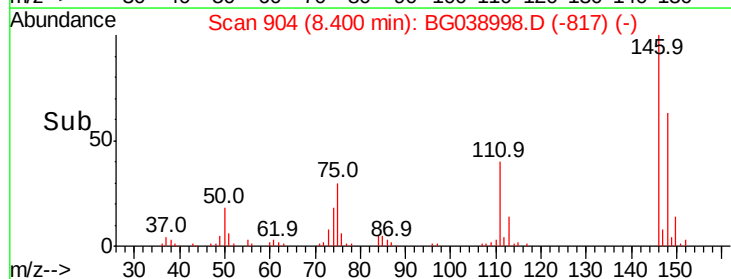
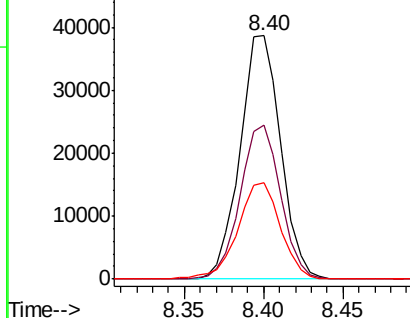


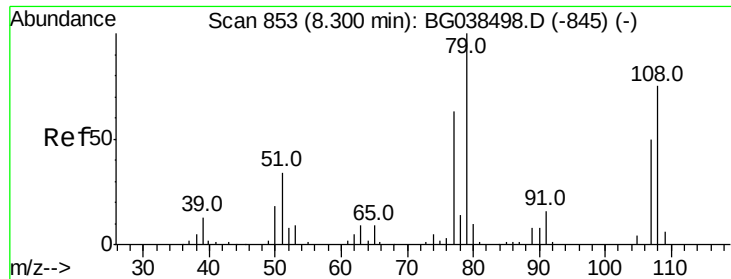
#14
 1,2-Dichlorobenzene
 Concen: 37.930 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:146 Resp: 68789
 Ion Ratio Lower Upper
 146 100
 148 63.0 49.4 74.0
 111 39.5 33.8 50.6



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

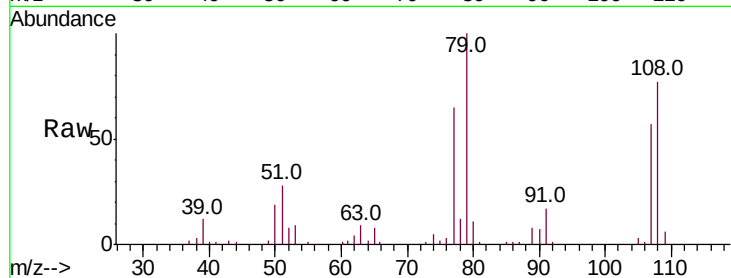




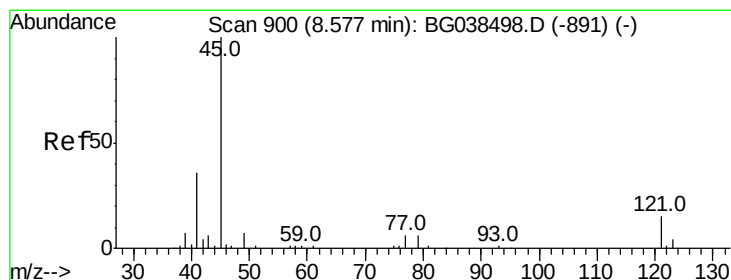
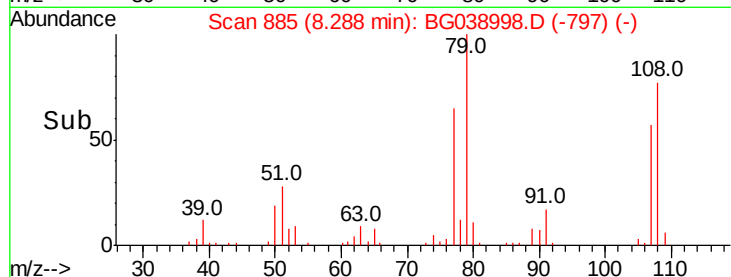
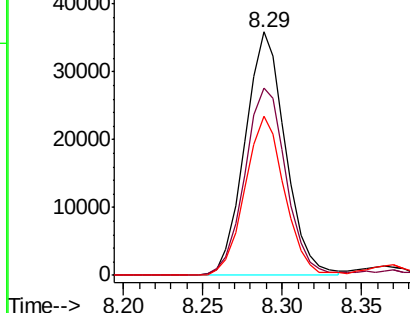
#15
Benzyl Alcohol
Concen: 43.078 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 63366
Ion Ratio Lower Upper
79 100
108 77.1 60.2 90.4
77 65.3 50.7 76.1

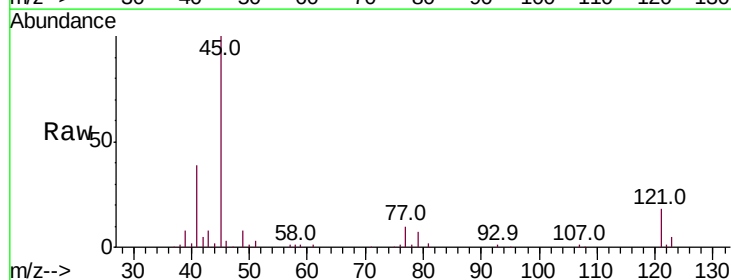


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

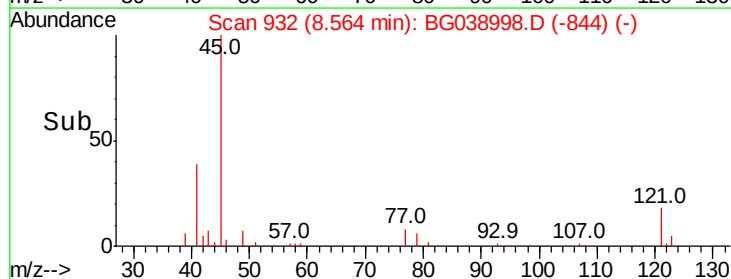
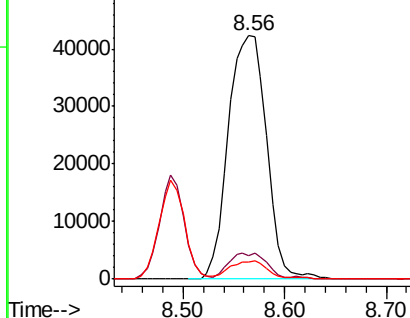


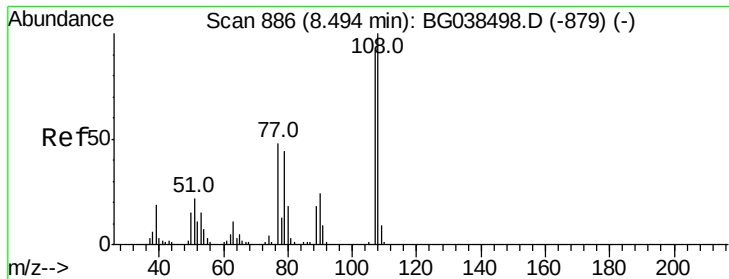
#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.196 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion: 45 Resp: 110260
Ion Ratio Lower Upper
45 100
77 9.7 0.0 28.2
79 7.2 0.0 27.2



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

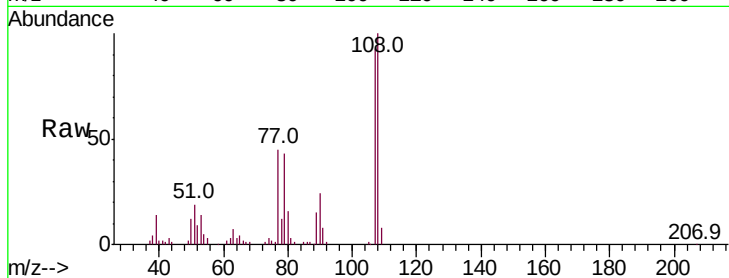




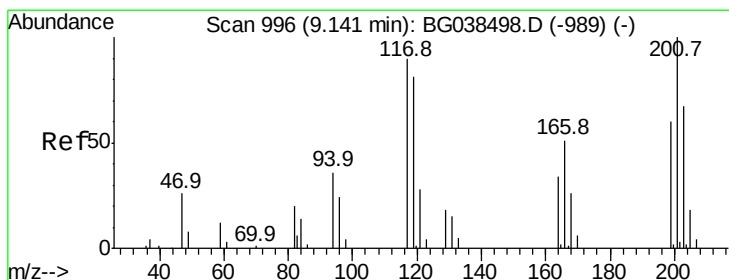
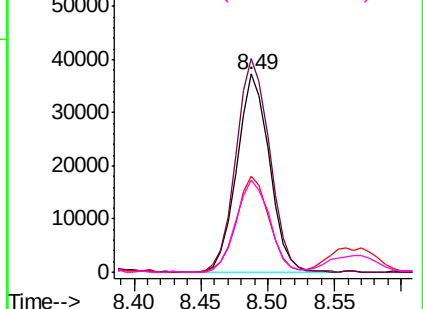
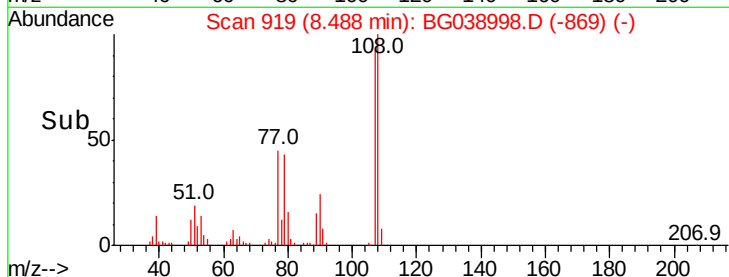
#17
2-Methylphenol
Concen: 47.023 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 63076
Ion Ratio Lower Upper
107 100
108 107.8 87.1 130.7
77 48.4 42.0 63.0
79 46.3 38.2 57.2

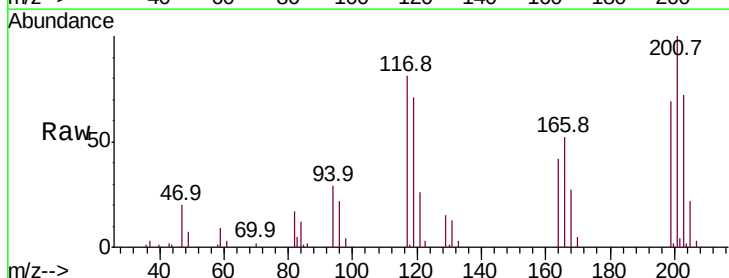


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

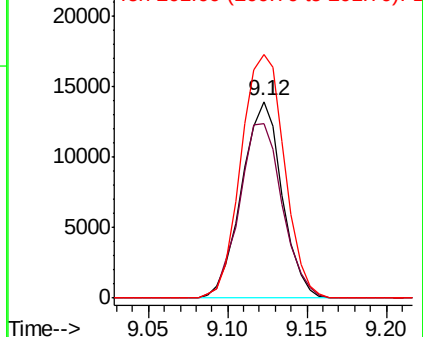
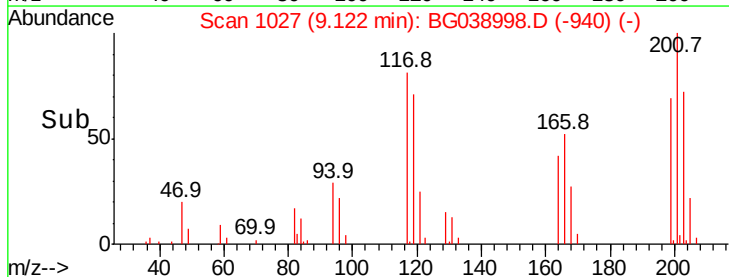


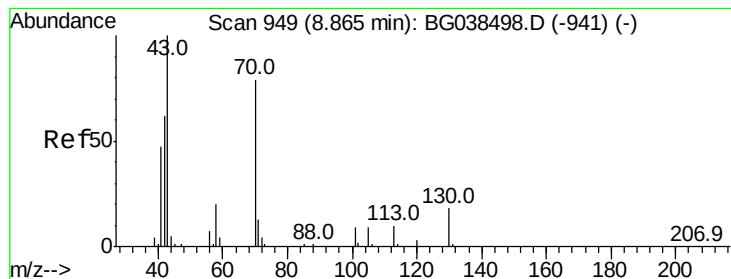
#18
Hexachloroethane
Concen: 34.928 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:117 Resp: 24553
Ion Ratio Lower Upper
117 100
119 88.5 73.8 110.8
201 128.5 89.4 134.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.985 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 48953

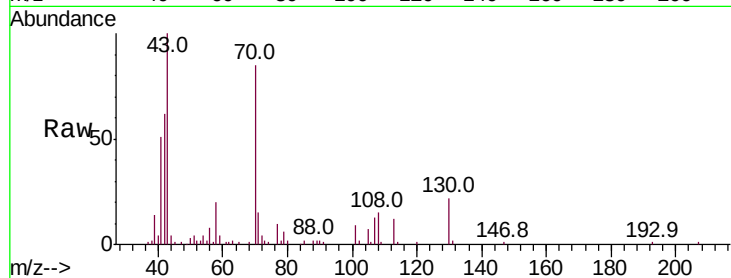
Ion Ratio Lower Upper

70 100

42 72.7 63.6 95.4

101 11.0 9.2 13.8

130 26.0 18.5 27.7

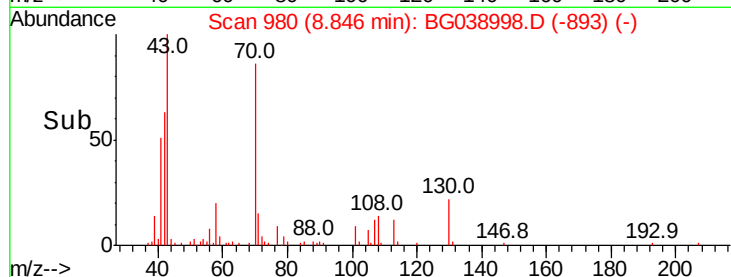
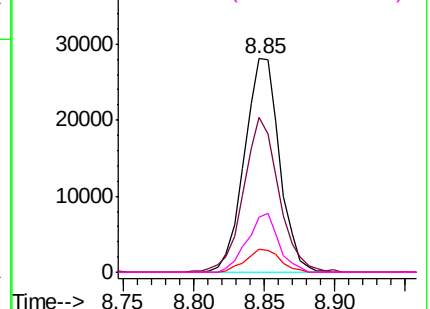


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 47.959 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:107 Resp: 88846

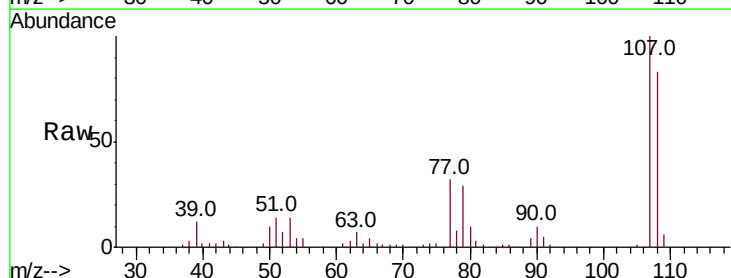
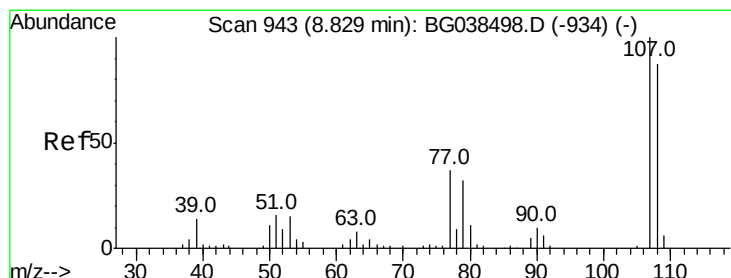
Ion Ratio Lower Upper

107 100

108 83.5 66.7 106.7

77 32.4 17.3 57.3

79 28.6 12.3 52.3

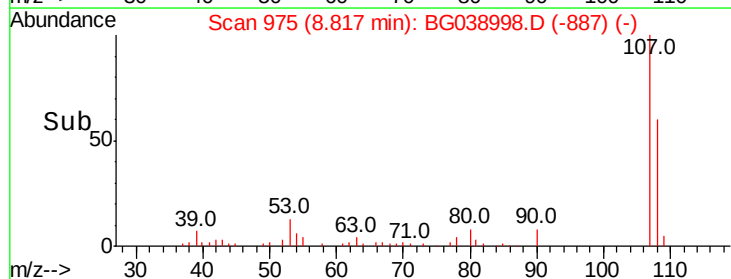
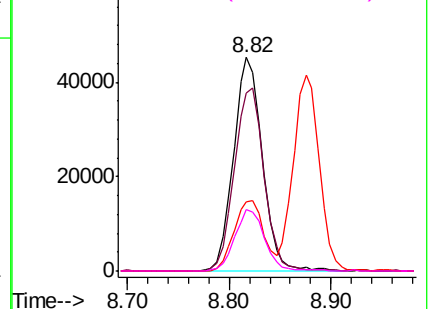


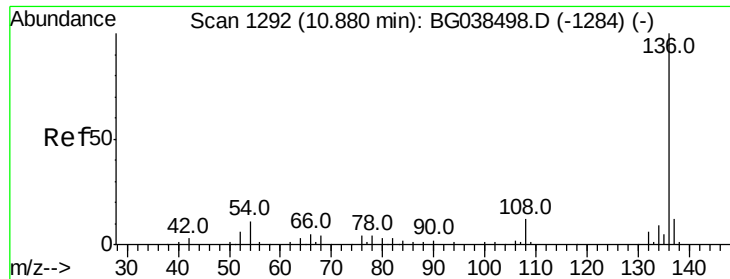
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 79.00 (78.70 to 79.70): BG0

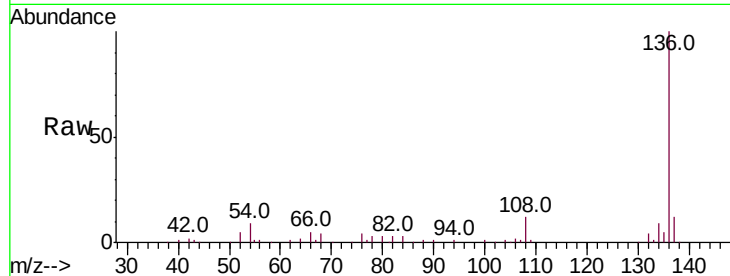




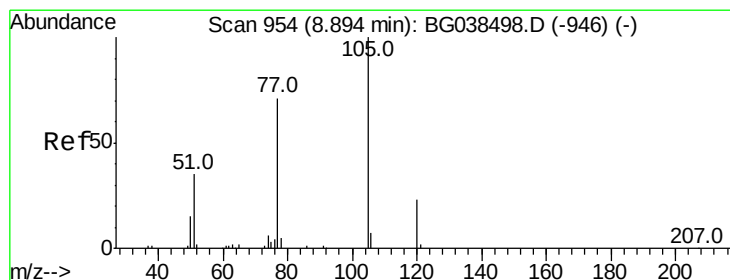
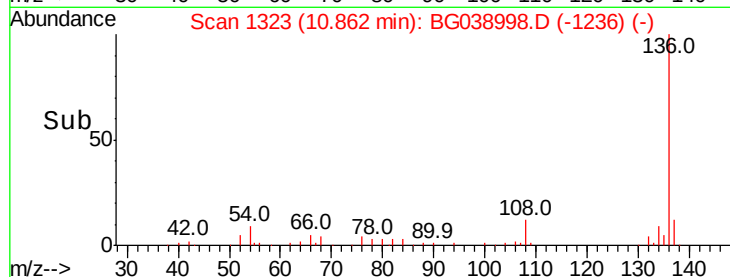
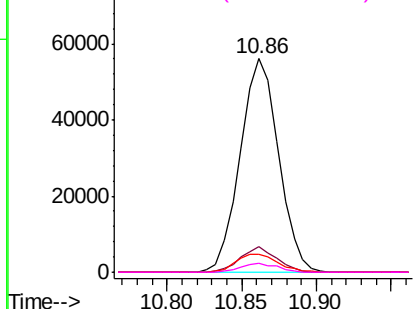
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	99950
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.3 13.9
54	8.6	8.5 12.7
68	4.3	3.5 5.3

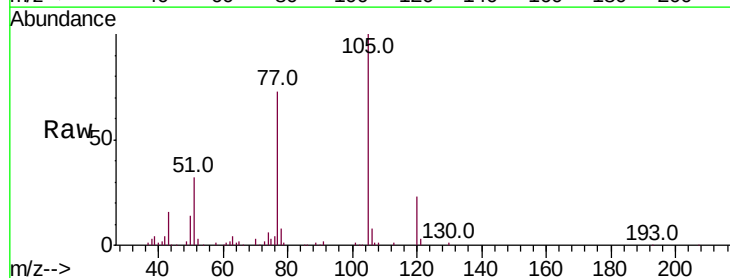


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

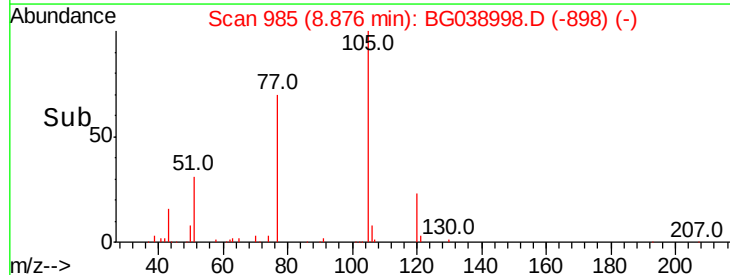
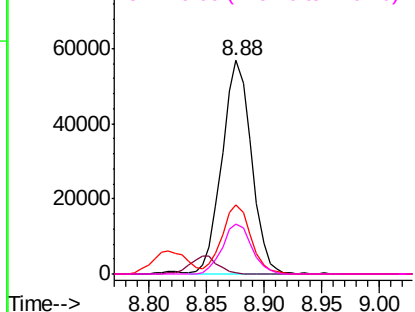


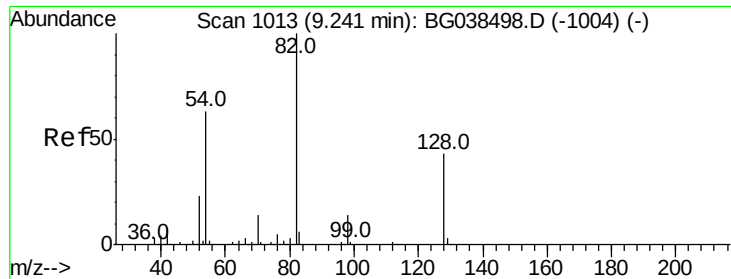
#22
Acetophenone
Concen: 40.349 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:105	Resp:	100732
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.4 0.6
51	32.1	30.6 46.0
120	23.2	18.6 28.0



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

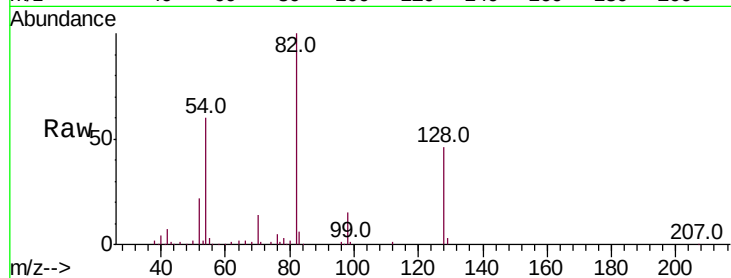




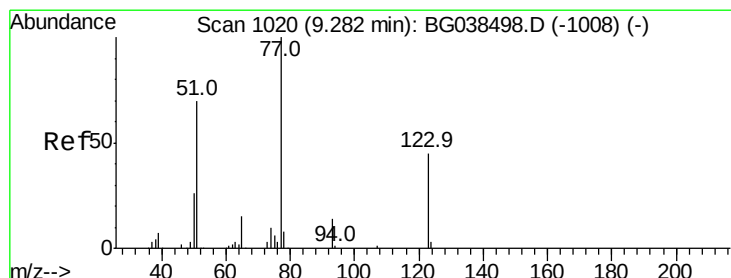
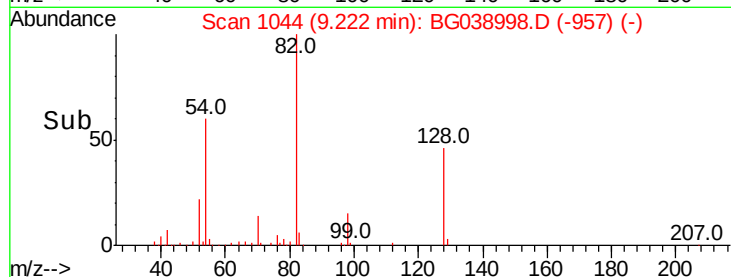
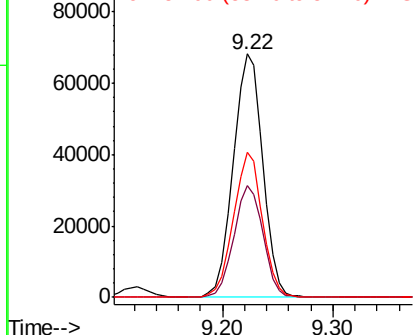
#23
Nitrobenzene-d5
Concen: 65.435 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 128022
Ion Ratio Lower Upper
82 100
128 46.1 34.6 52.0
54 59.8 50.6 76.0

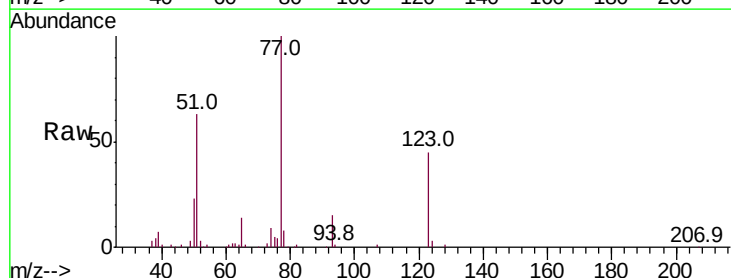


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

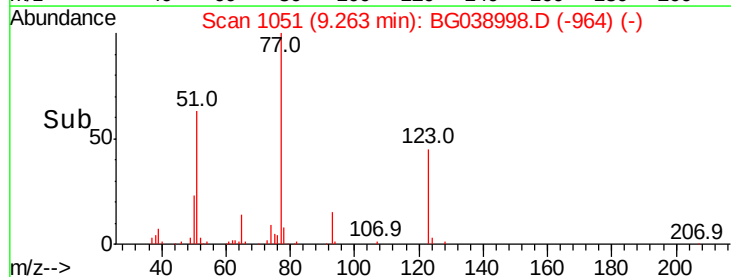
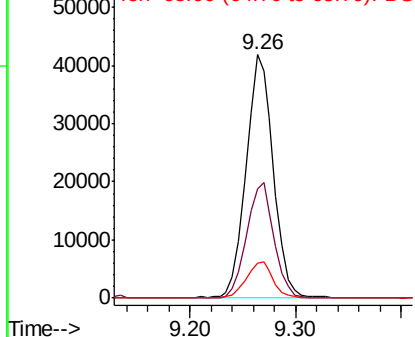


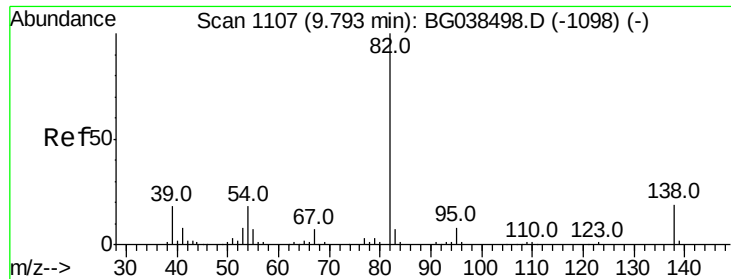
#24
Nitrobenzene
Concen: 37.825 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion: 77 Resp: 74864
Ion Ratio Lower Upper
77 100
123 45.0 35.9 53.9
65 14.4 12.0 18.0



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





#25

Isophorone

Concen: 41.407 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

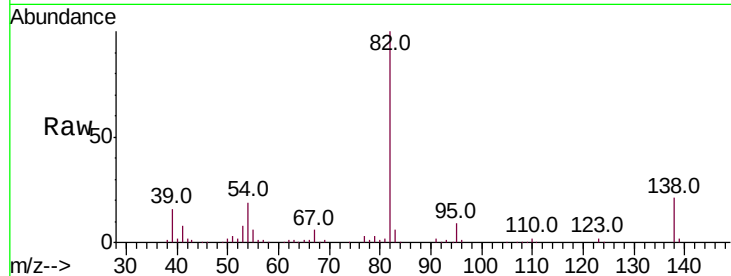
Tot Ion: 82 Resp: 145554

Ion Ratio Lower Upper

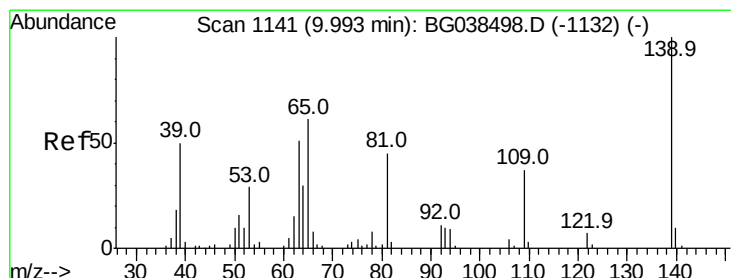
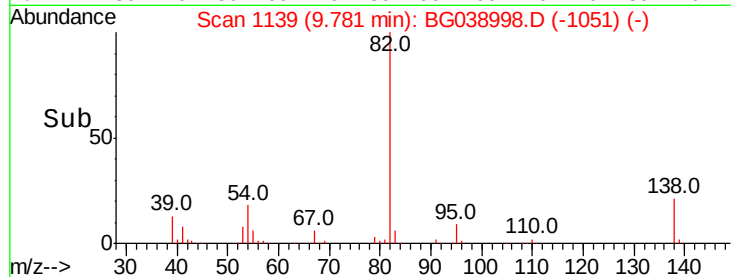
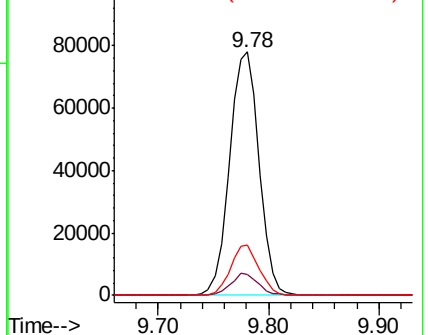
82 100

95 8.6 6.1 9.1

138 20.8 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: 43.158 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

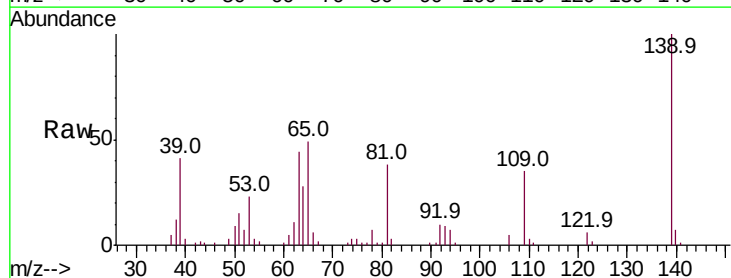
Tgt Ion: 139 Resp: 43719

Ion Ratio Lower Upper

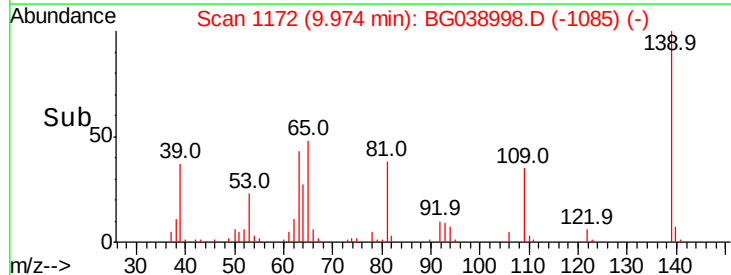
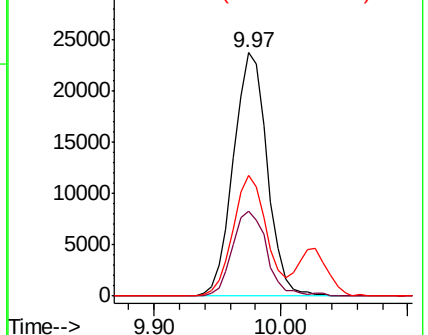
139 100

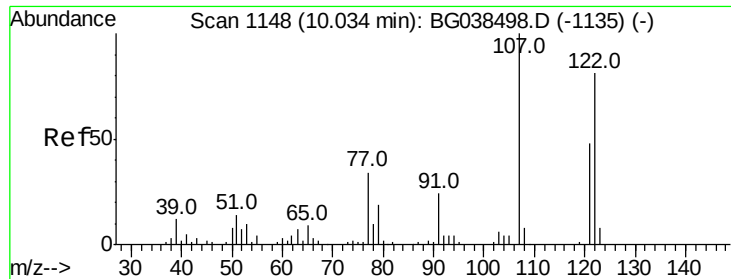
109 35.0 29.5 44.3

65 49.4 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

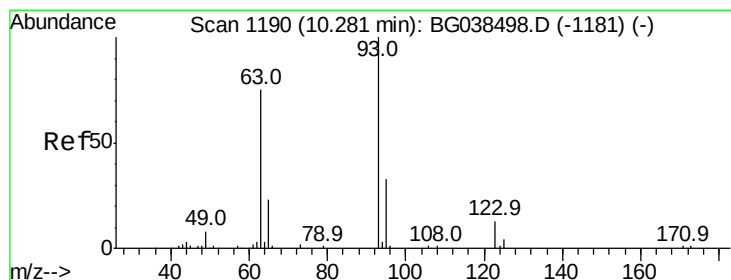
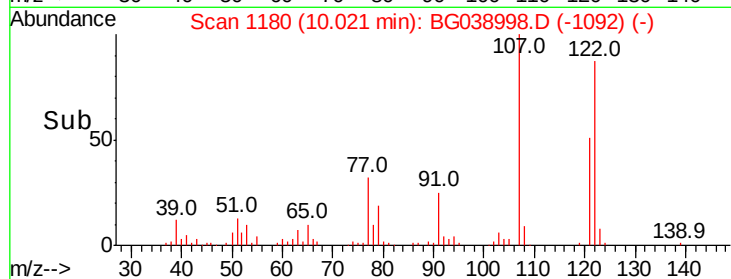
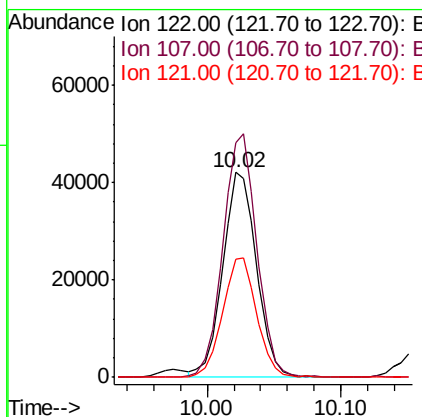
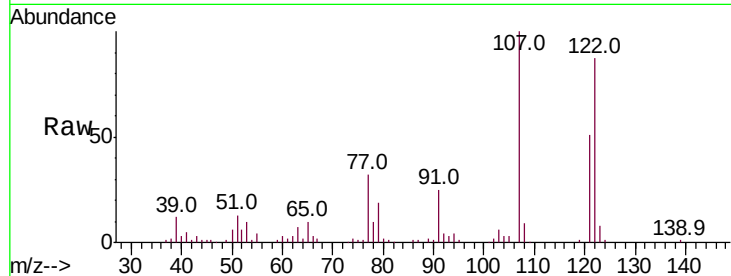




#27
 2,4-Dimethylphenol
 Concen: 51.432 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

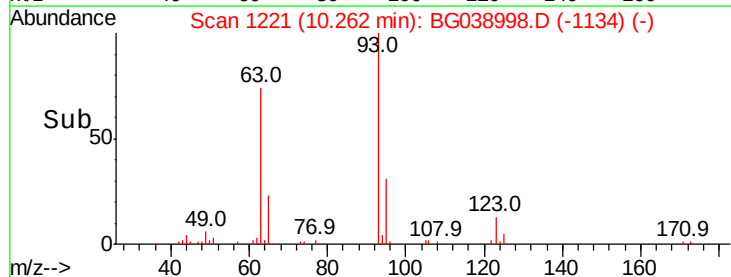
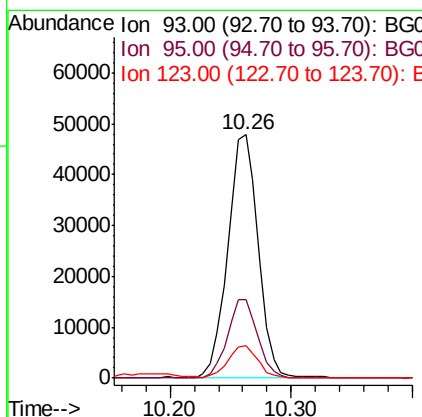
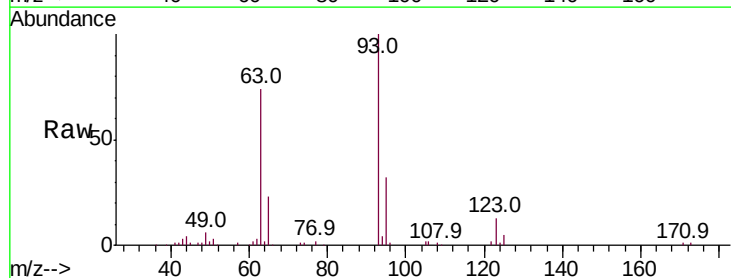
Instrument :
 BNA_G
 ClientSampleId :

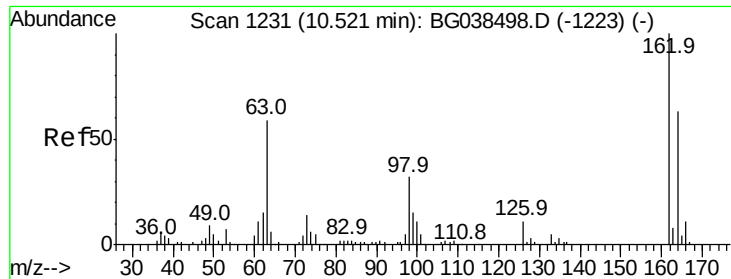
Tot Ion:122 Resp: 74668
 Ion Ratio Lower Upper
 122 100
 107 114.5 98.4 147.6
 121 57.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.203 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion: 93 Resp: 83719
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.6 40.0
 123 13.1 10.6 16.0

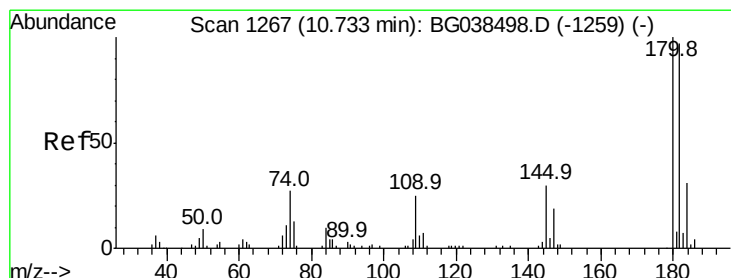
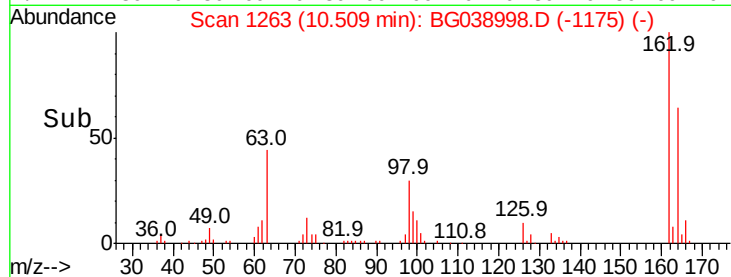
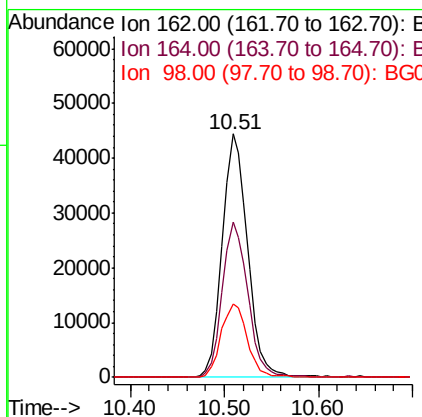
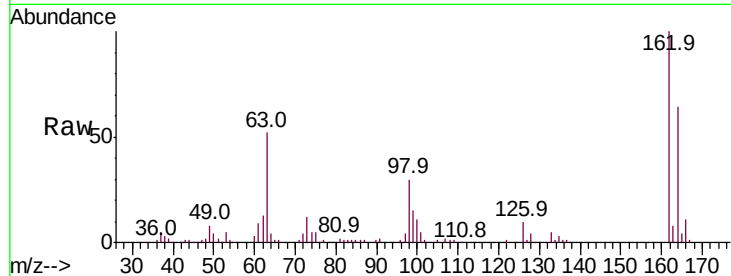




#29
 2,4-Dichlorophenol
 Concen: 51.589 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

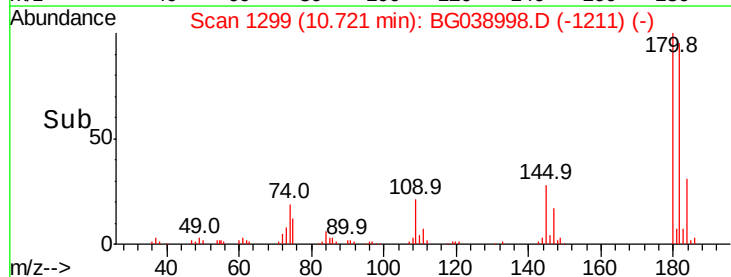
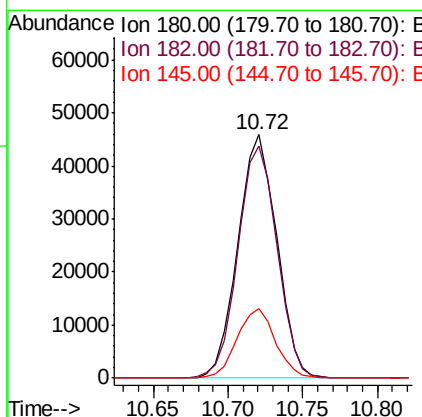
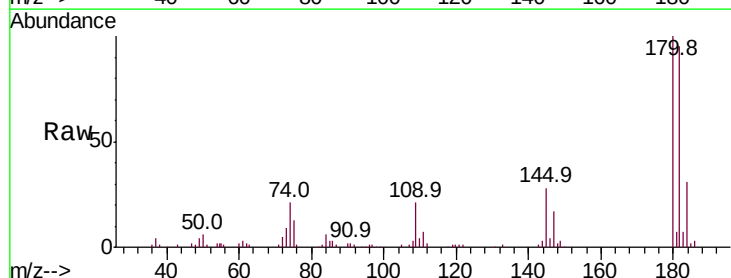
Instrument :
 BNA_G
 ClientSampled :

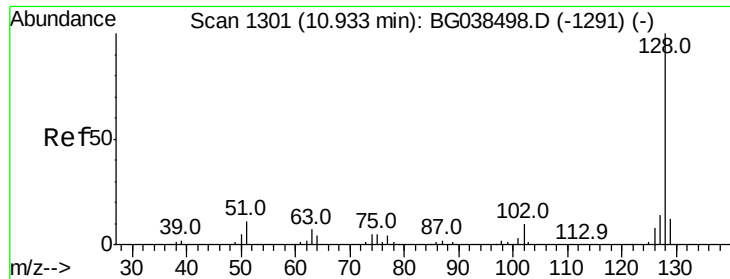
Tot Ion:162 Resp: 83321
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.9 82.9
 98 30.0 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.384 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:180 Resp: 82686
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.4 116.0
 145 28.5 24.1 36.1

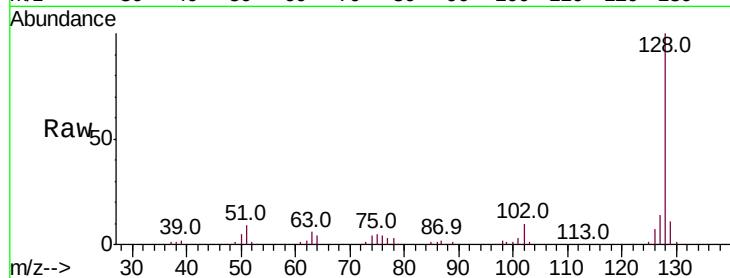




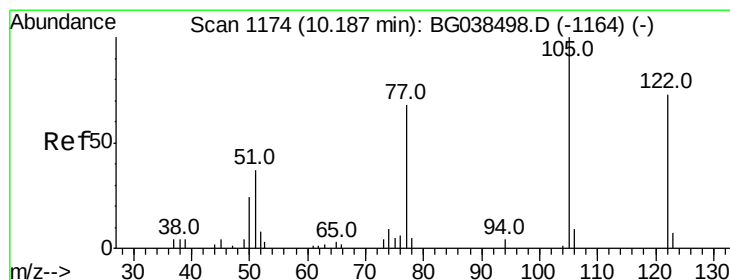
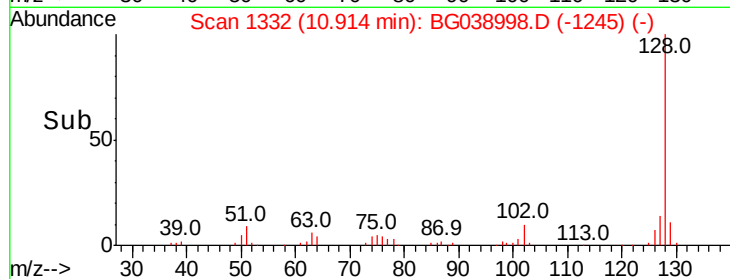
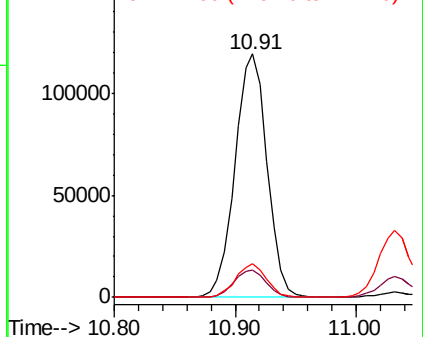
#31
Naphthalene
Concen: 44.626 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 219767
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.9 10.9 16.3

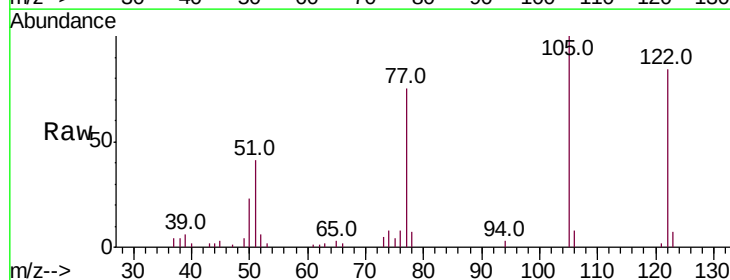


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

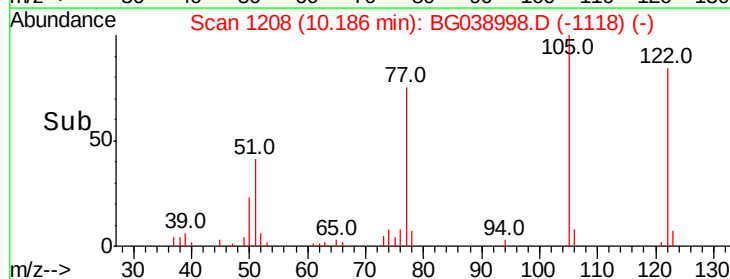
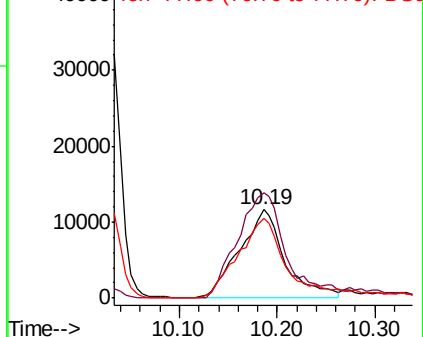


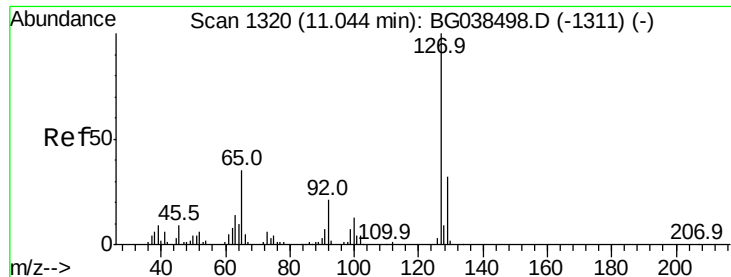
#32
Benzoic acid
Concen: 42.511 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:122 Resp: 37842
Ion Ratio Lower Upper
122 100
105 119.3 116.7 156.7
77 89.7 72.5 112.5



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

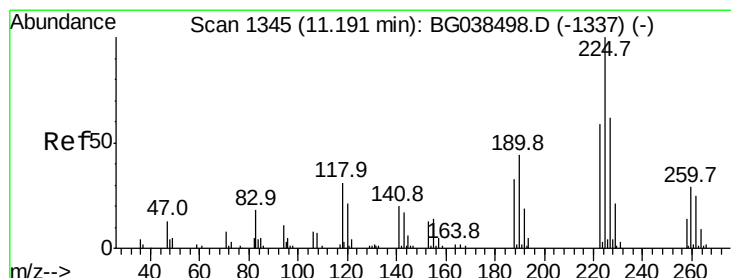
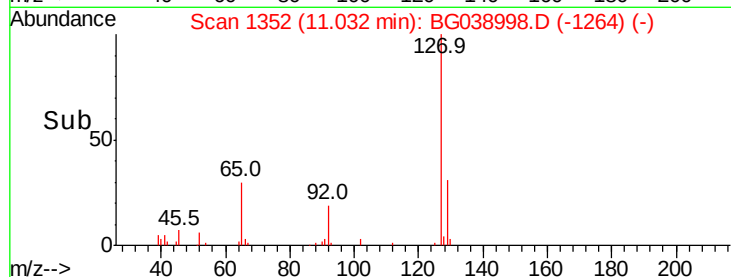
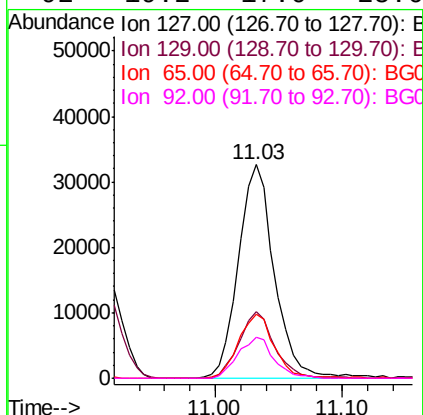
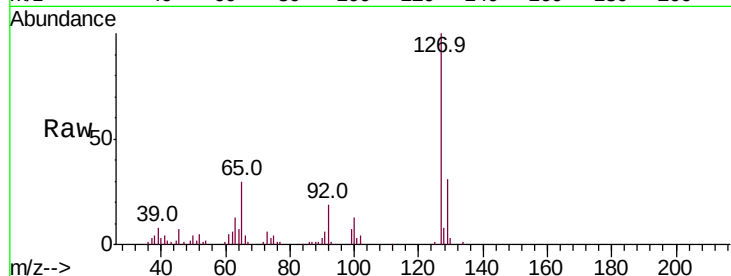




#33
4-Chloroaniline
Concen: 29.788 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

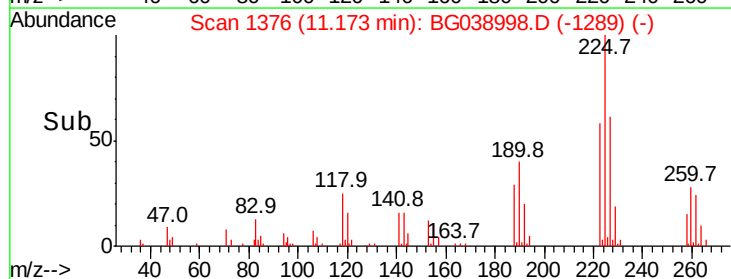
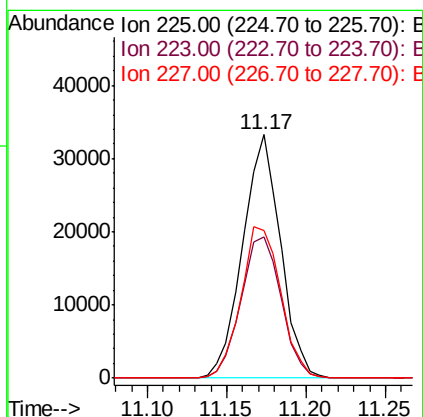
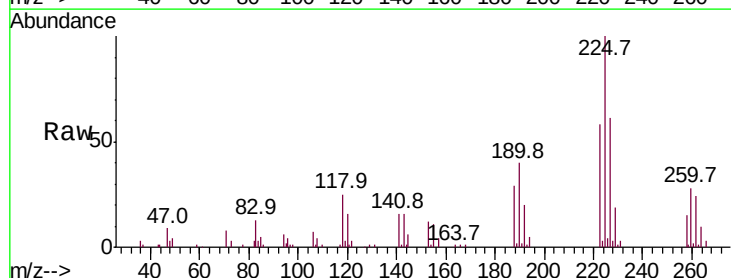
Instrument :
BNA_G
ClientSampleId :

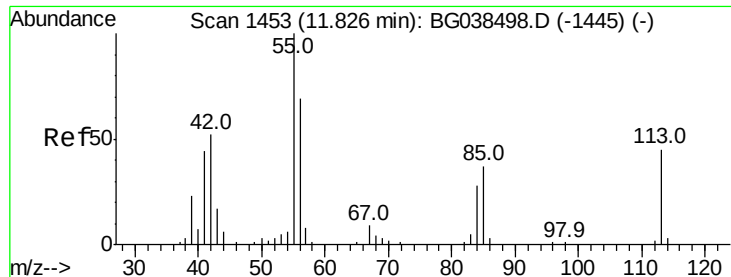
Tot Ion:	127	Resp:	63689
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	30.0	27.8	41.6
92	19.2	17.0	25.6



#34
Hexachlorobutadiene
Concen: 41.810 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:	225	Resp:	55192
Ion	Ratio	Lower	Upper
225	100		
223	55.9	45.0	67.6
227	60.7	50.6	75.8





#35

Caprolactam

Concen: 21.964 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

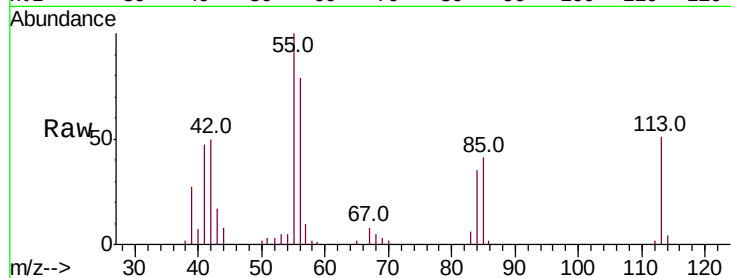
Tot Ion:113 Resp: 14681

Ion Ratio Lower Upper

113 100

55 197.2 204.3 244.3#

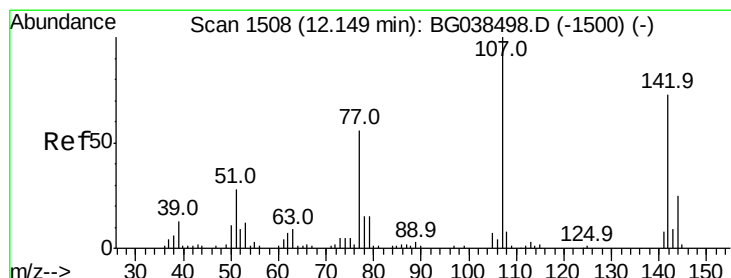
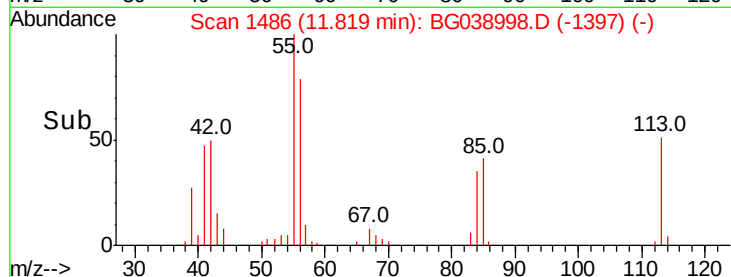
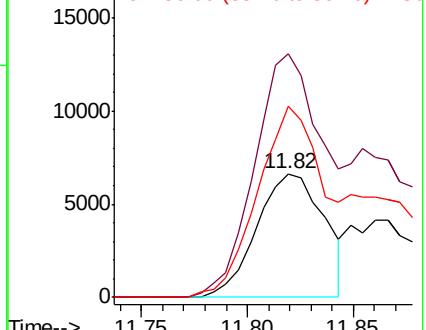
56 155.1 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.818 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

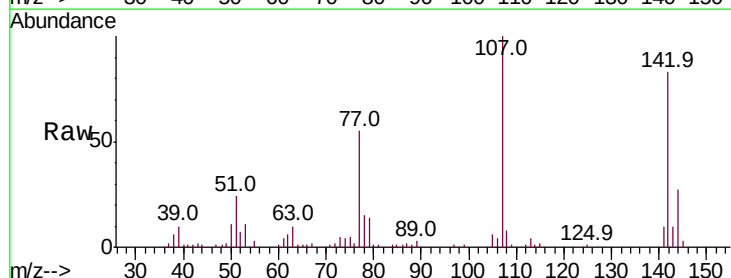
Tgt Ion:107 Resp: 86291

Ion Ratio Lower Upper

107 100

144 26.7 20.1 30.1

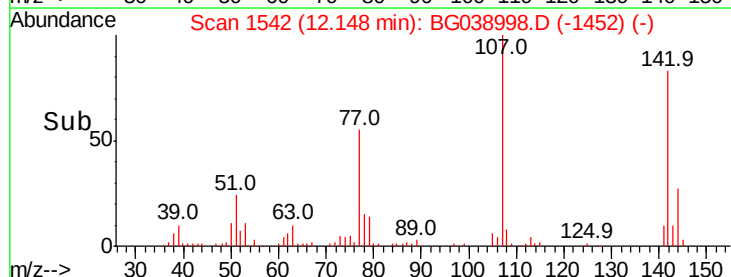
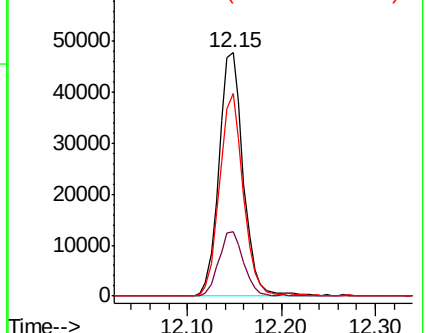
142 83.4 58.7 88.1

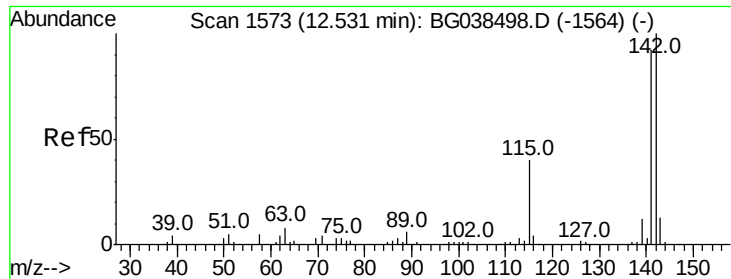


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

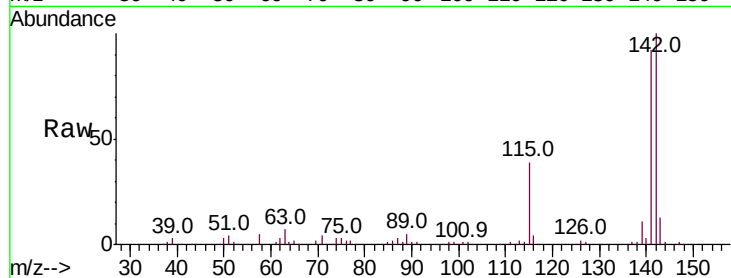




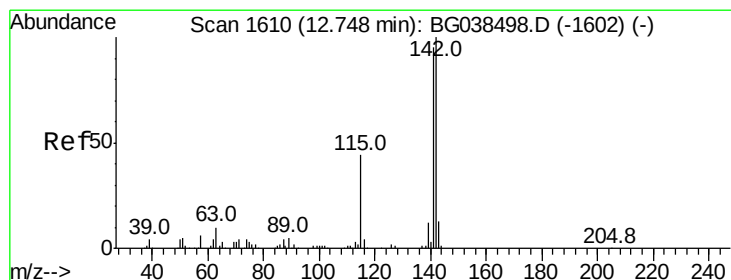
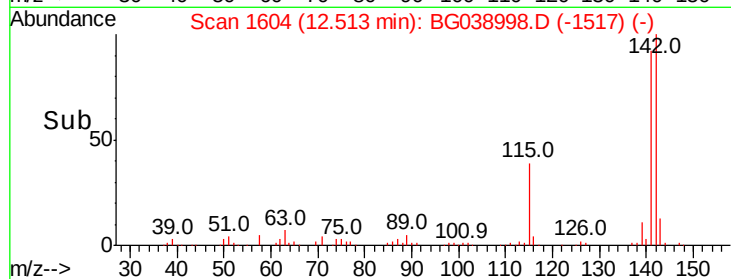
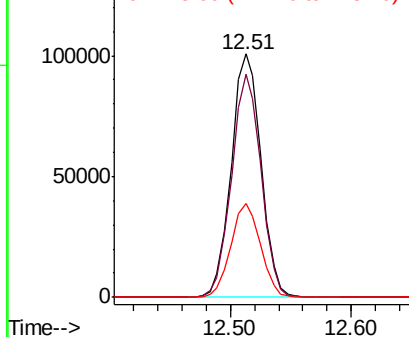
#37
2-Methylnaphthalene
Concen: 49.154 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 172692
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3
115 38.8 31.7 47.5

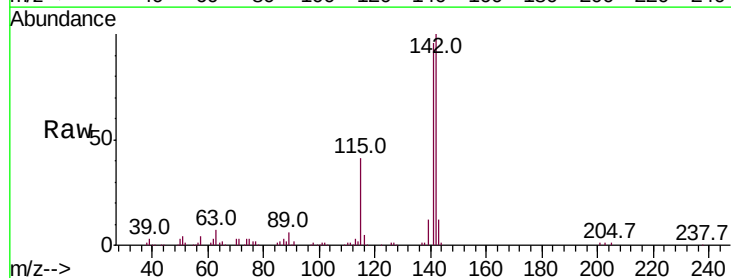


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

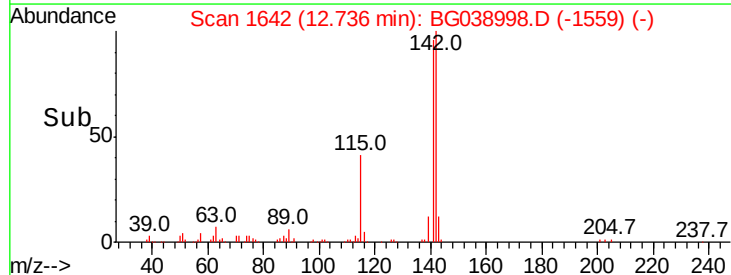
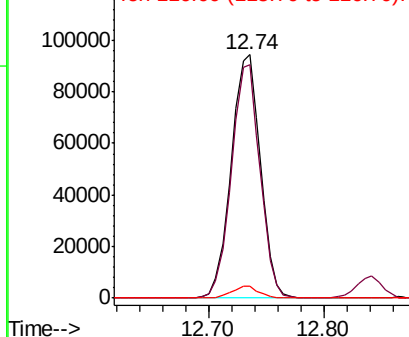


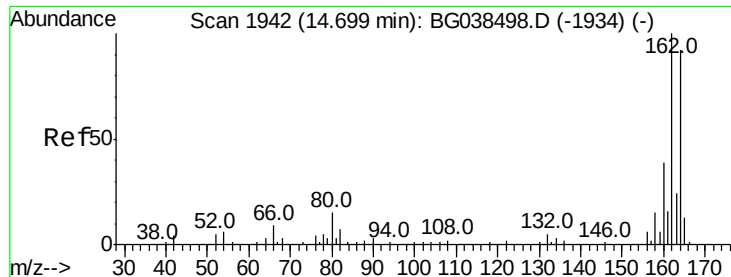
#38
1-Methylnaphthalene
Concen: 48.308 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:142 Resp: 164693
Ion Ratio Lower Upper
142 100
141 95.9 75.8 113.8
116 5.1 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampleId :

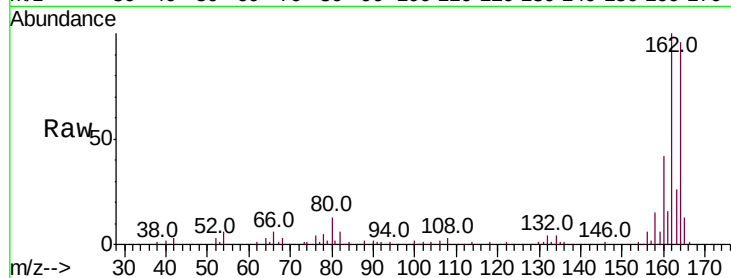
Tot Ion:164 Resp: 73100

Ion Ratio Lower Upper

164 100

162 104.4 86.6 130.0

160 44.0 34.2 51.2

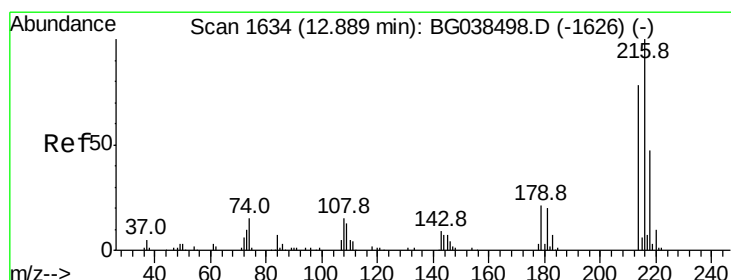
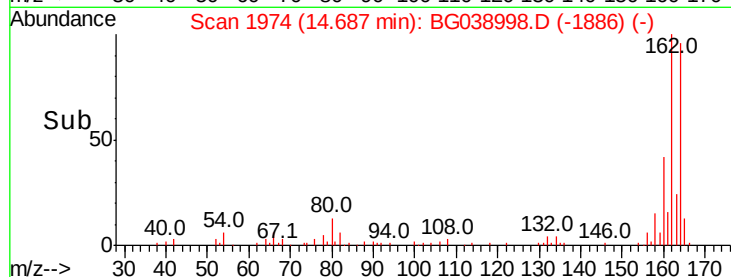
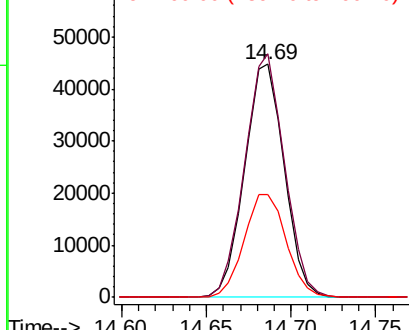


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.466 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:216 Resp: 107840

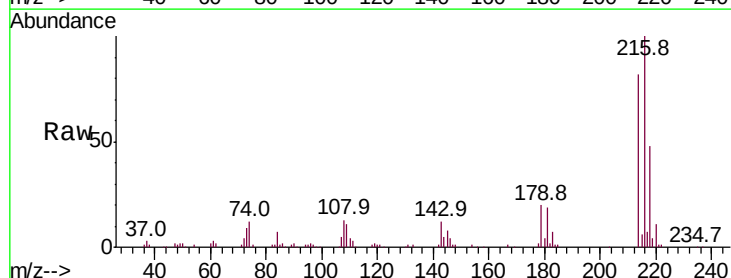
Ion Ratio Lower Upper

216 100

214 81.6 64.1 96.1

179 20.0 16.4 24.6

108 16.1 13.9 20.9



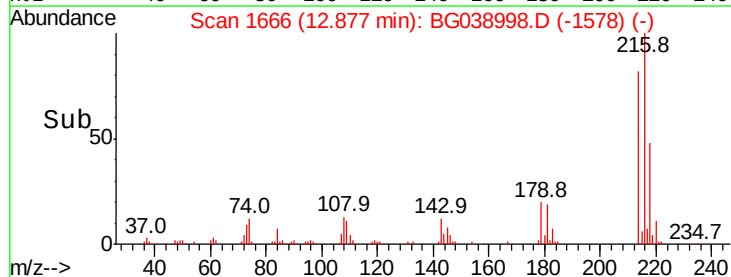
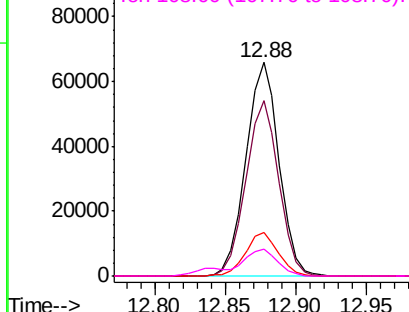
Abundance

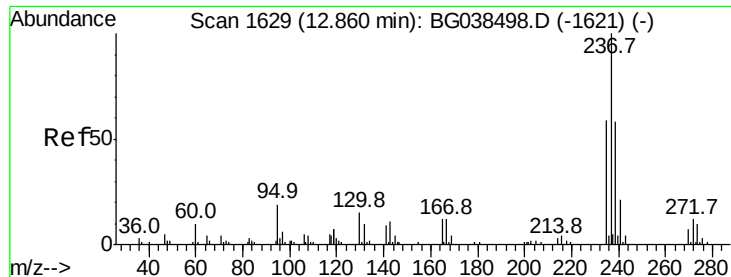
Ion 216.00 (215.70 to 216.70): E

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

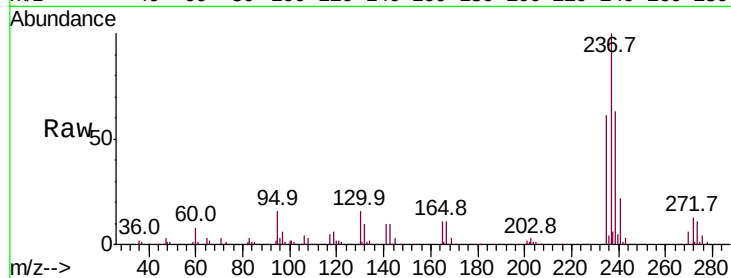




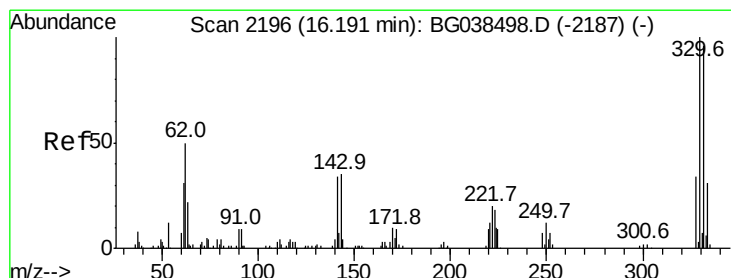
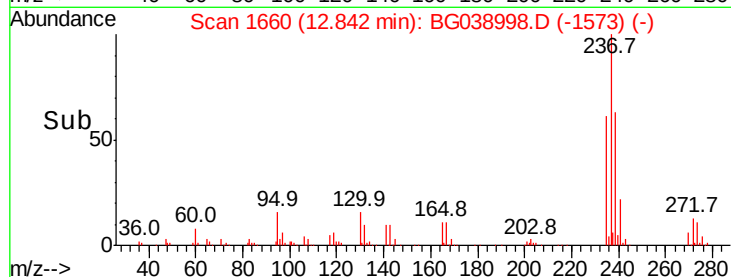
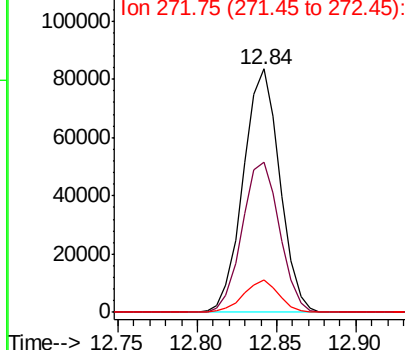
#41
Hexachlorocyclopentadiene
Concen: 89.100 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.5	38.8	78.8
272	13.4	0.0	32.0

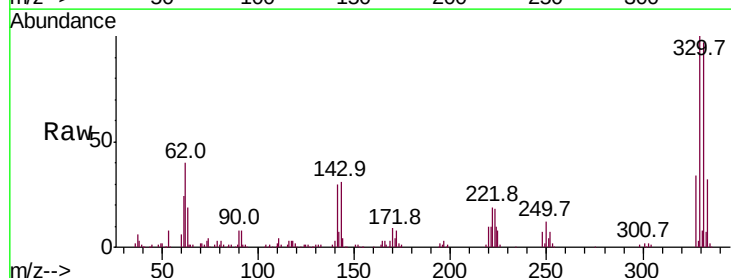


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

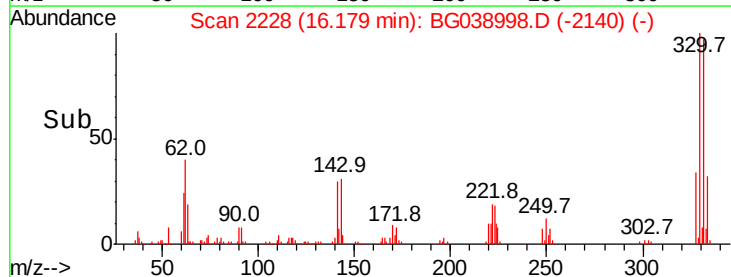
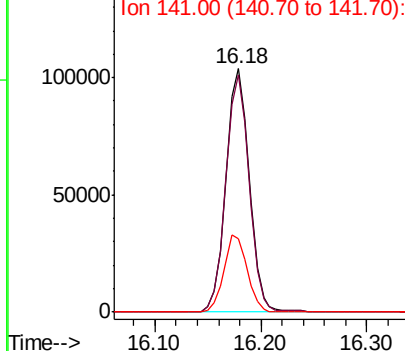


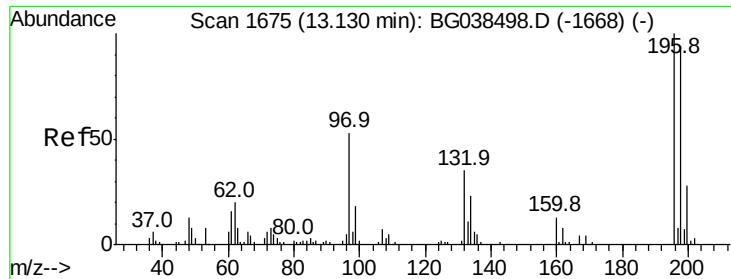
#42
2,4,6-Tribromophenol
Concen: 157.545 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	31.5	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

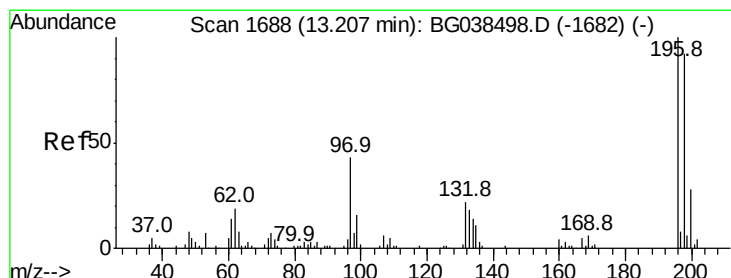
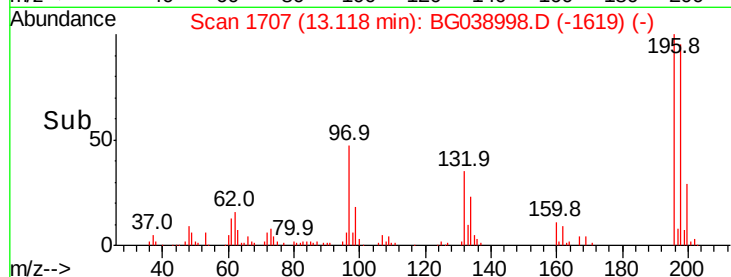
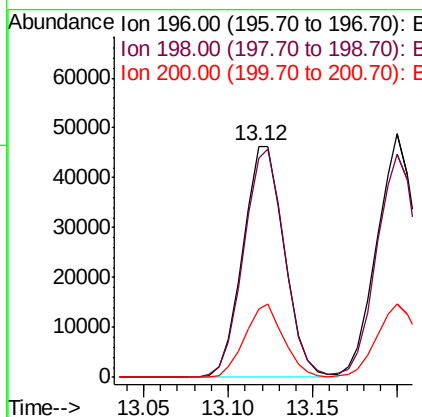
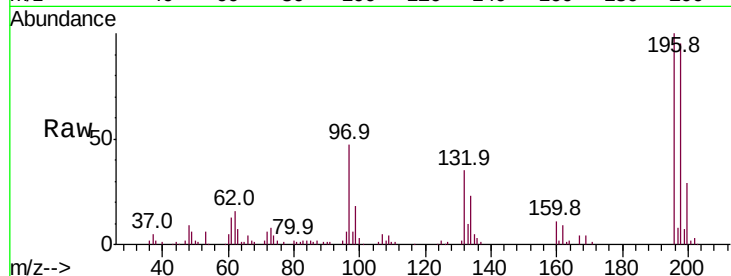




#43
 2,4,6-Trichlorophenol
 Concen: 47.135 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

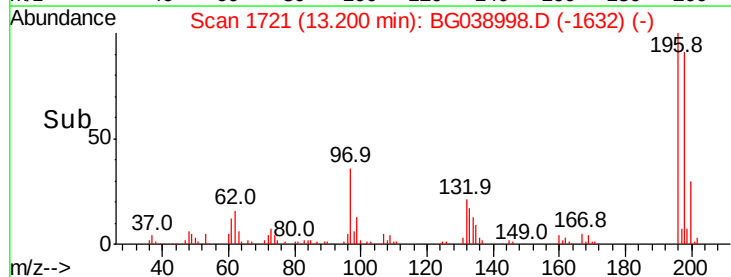
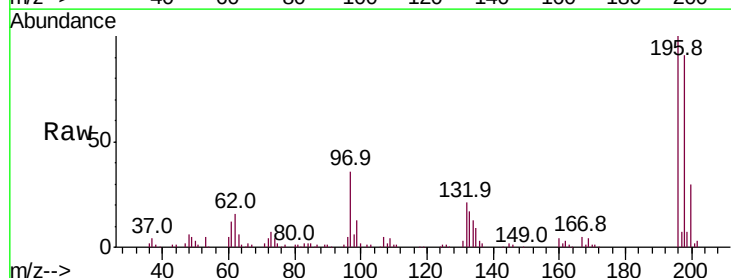
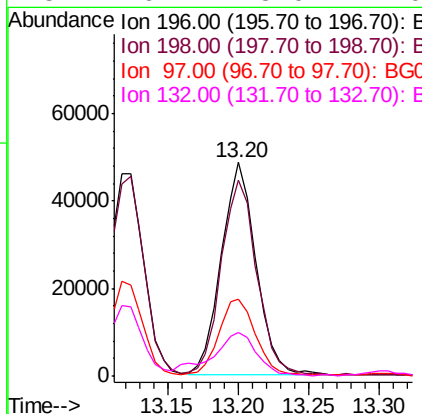
Instrument :
 BNA_G
 ClientSampleId :

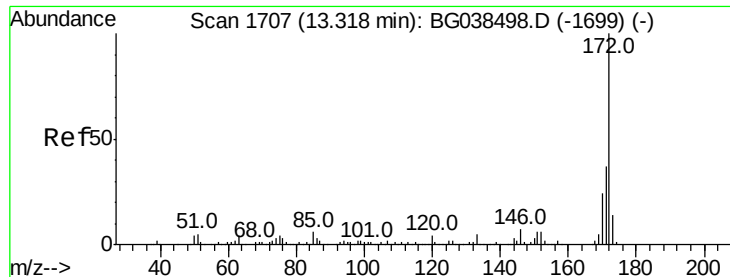
Tot Ion:196 Resp: 79191
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.0 112.4
 200 29.5 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.573 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:196 Resp: 82845
 Ion Ratio Lower Upper
 196 100
 198 91.5 74.0 111.0
 97 35.9 35.1 52.7
 132 20.7 18.0 27.0

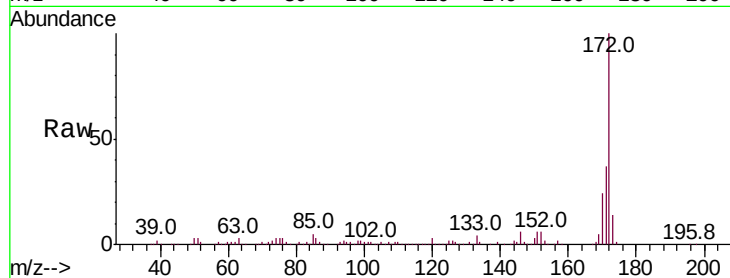




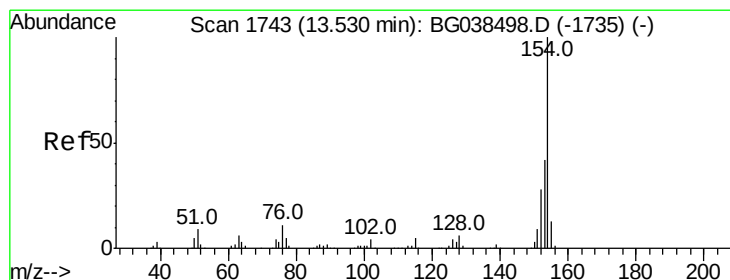
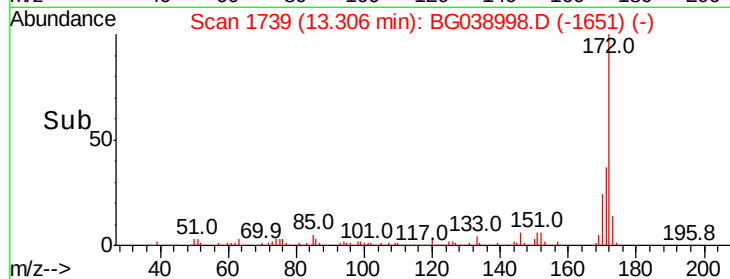
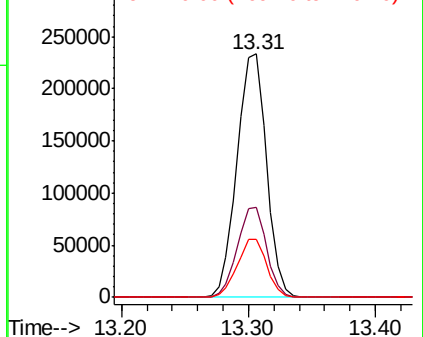
#45
2-Fluorobiphenyl
Concen: 70.743 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 376961
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.1 19.5 29.3

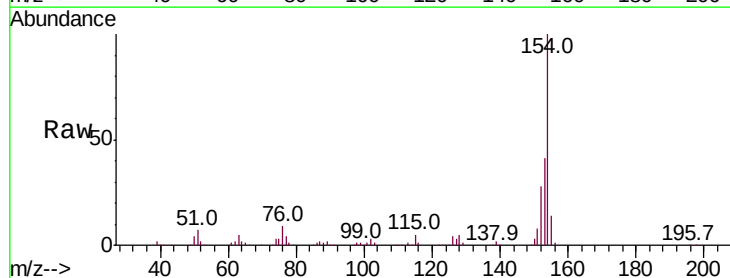


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

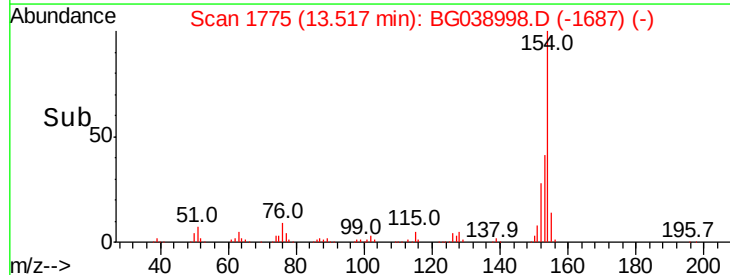
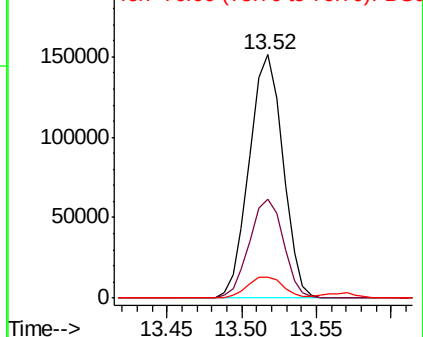


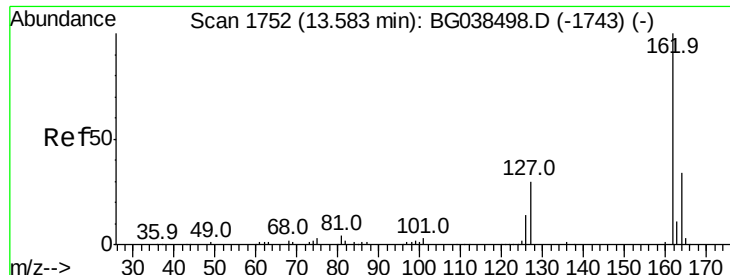
#46
1,1'-Biphenyl
Concen: 38.680 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:154 Resp: 237037
Ion Ratio Lower Upper
154 100
153 40.5 22.1 62.1
76 8.6 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

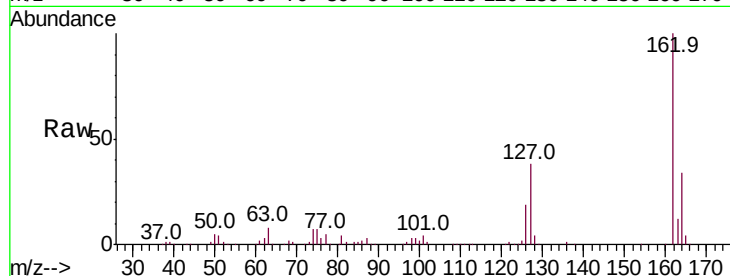




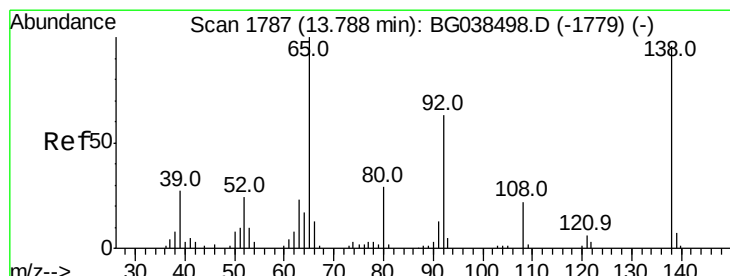
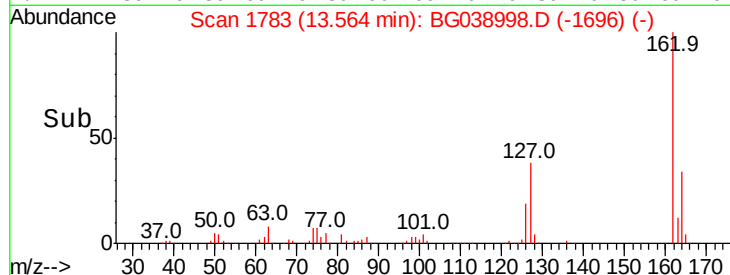
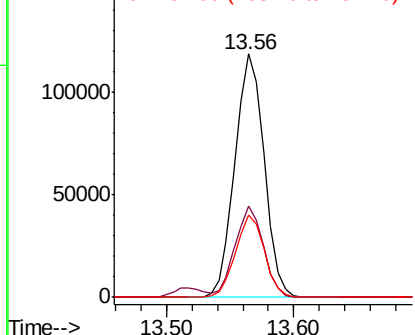
#47
 2-Chloronaphthalene
 Concen: 40.016 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 189423
 Ion Ratio Lower Upper
 162 100
 127 37.6 27.8 41.8
 164 33.8 26.9 40.3

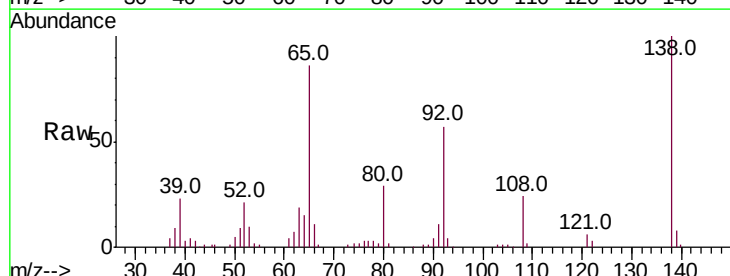


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

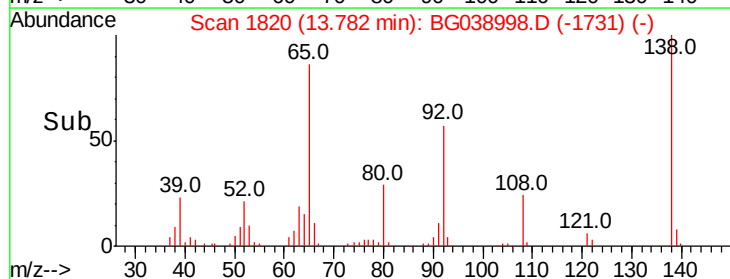
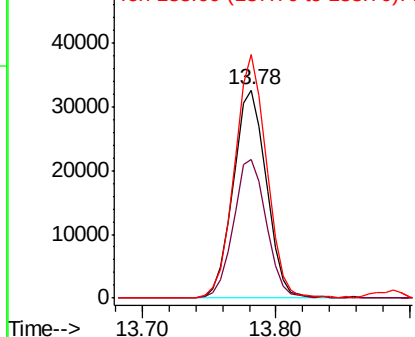


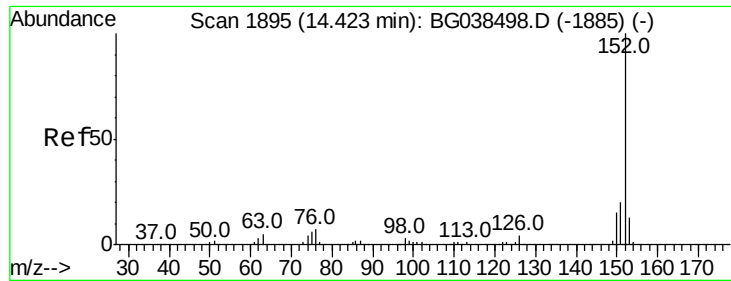
#48
 2-Nitroaniline
 Concen: 37.251 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion: 65 Resp: 56166
 Ion Ratio Lower Upper
 65 100
 92 66.4 50.0 75.0
 138 116.9 76.9 115.3#



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





#49

Acenaphthylene

Concen: 43.801 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

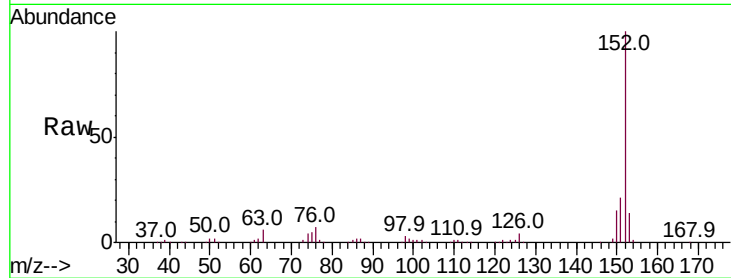
Tot Ion:152 Resp: 309967

Ion Ratio Lower Upper

152 100

151 21.3 16.4 24.6

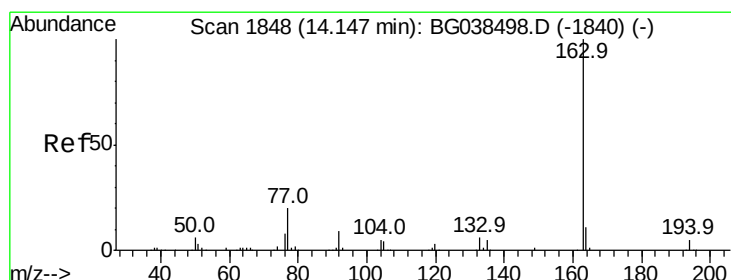
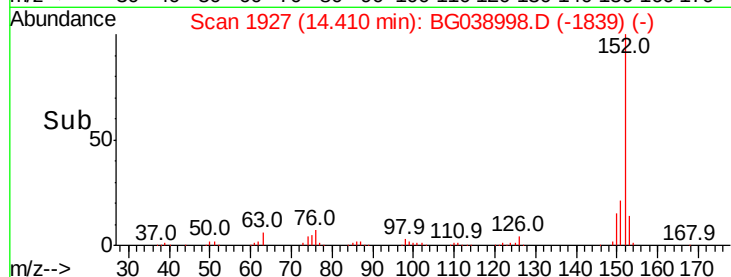
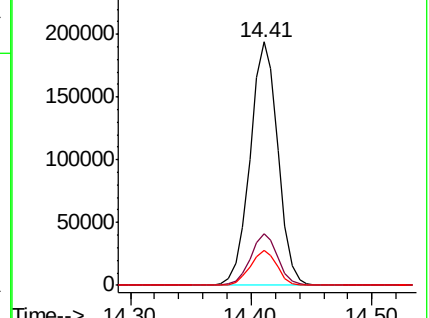
153 14.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.835 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

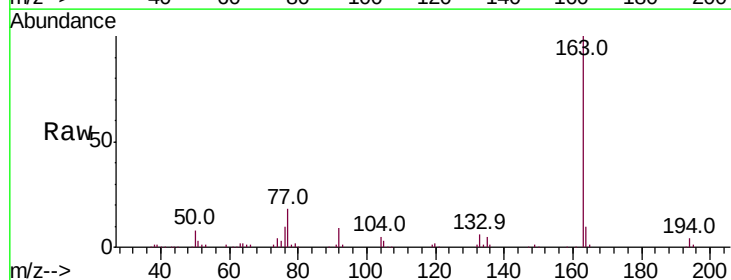
Tgt Ion:163 Resp: 261678

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

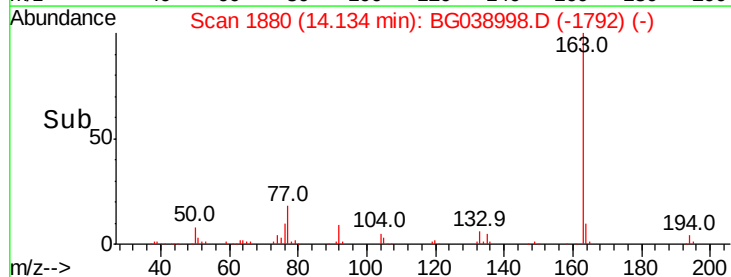
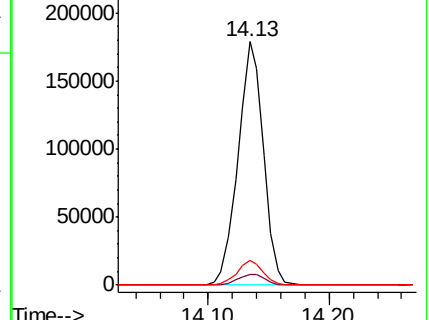
164 10.4 8.6 12.8

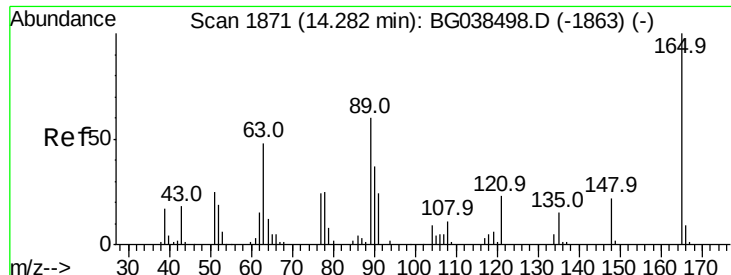


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.417 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

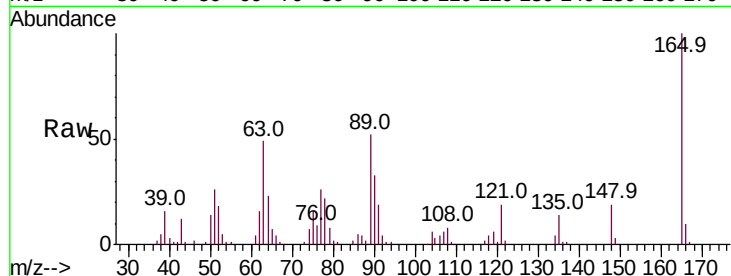
Tot Ion:165 Resp: 58735

Ion Ratio Lower Upper

165 100

63 48.7 51.8 77.6#

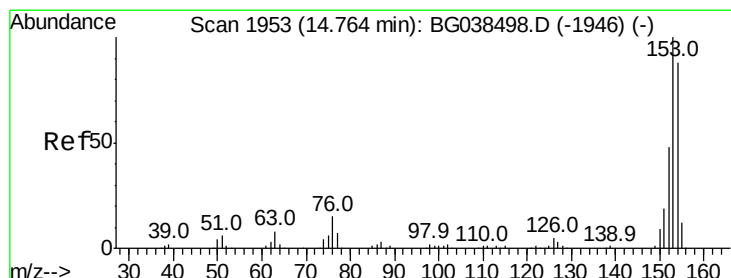
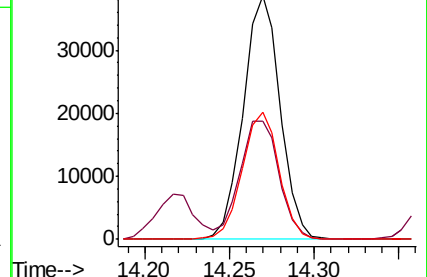
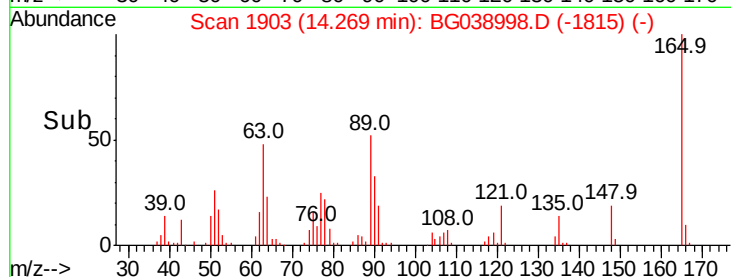
89 52.2 47.9 71.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.193 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

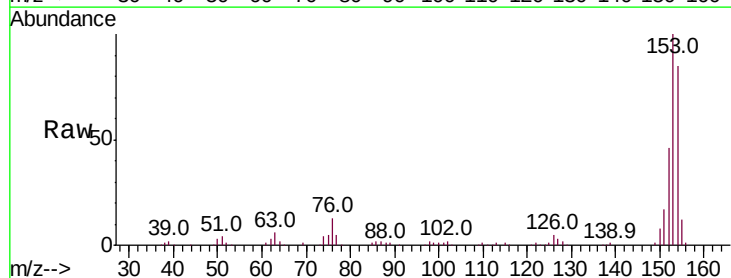
Tgt Ion:154 Resp: 178544

Ion Ratio Lower Upper

154 100

153 117.8 90.6 136.0

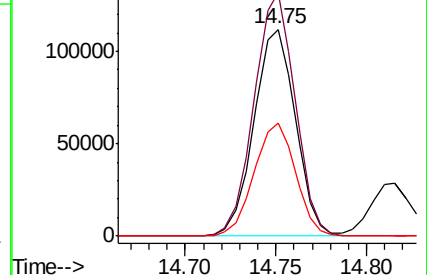
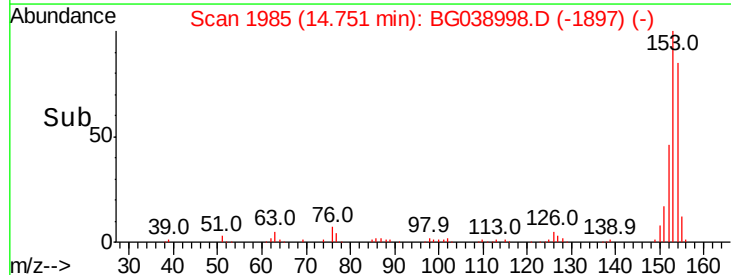
152 54.6 43.5 65.3

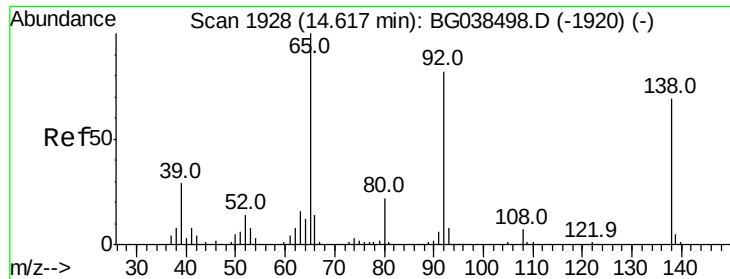


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

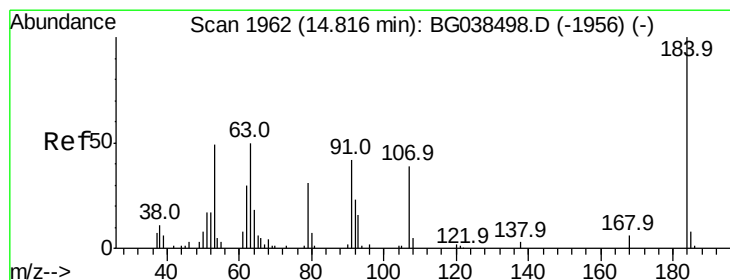
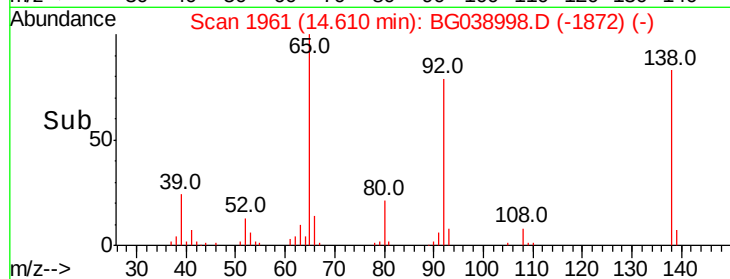
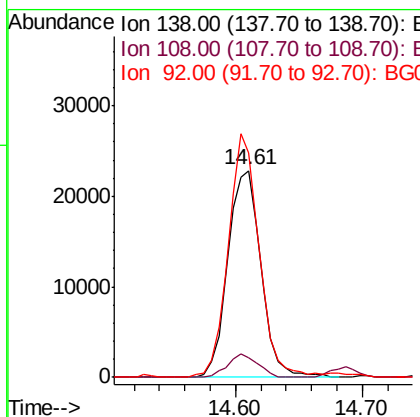
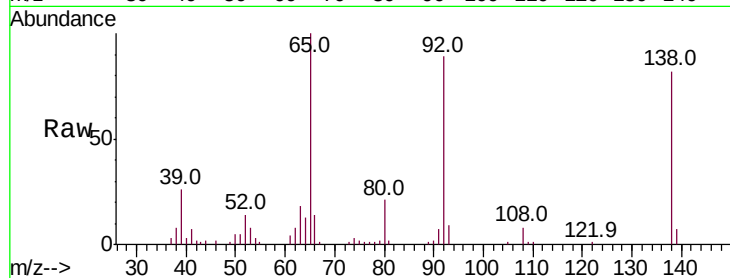




#53
 3-Nitroaniline
 Concen: 29.857 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

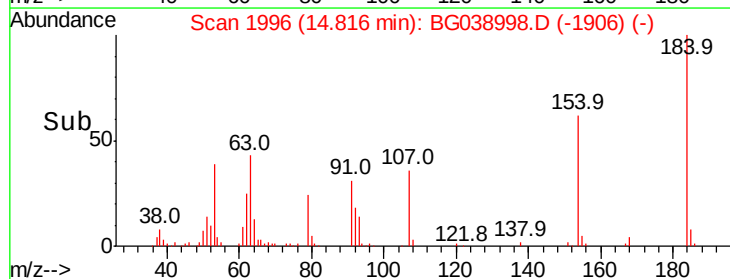
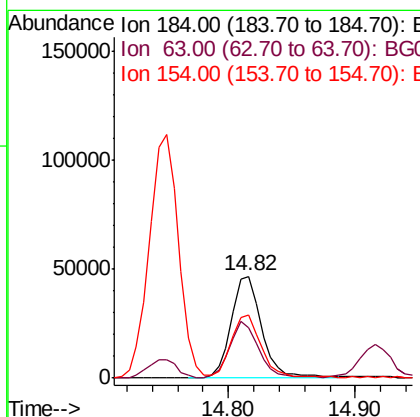
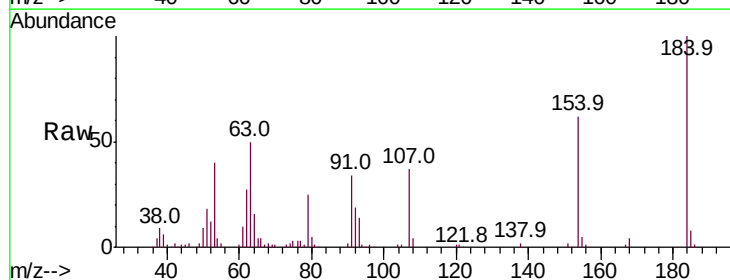
Instrument :
 BNA_G
 ClientSampleId :

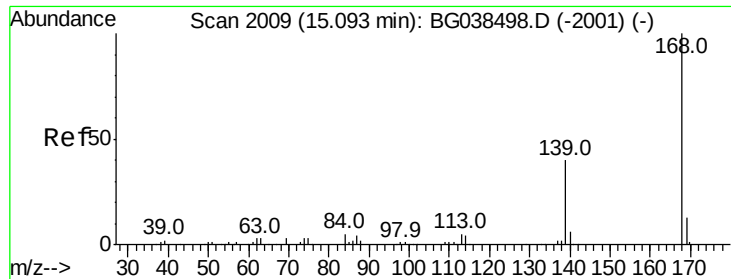
Tot Ion:138 Resp: 41174
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.9 11.9
 92 108.7 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 95.797 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:184 Resp: 77990
 Ion Ratio Lower Upper
 184 100
 63 49.7 47.0 70.6
 154 61.9 50.3 75.5

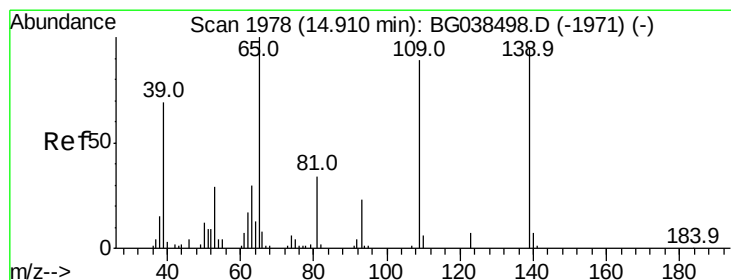
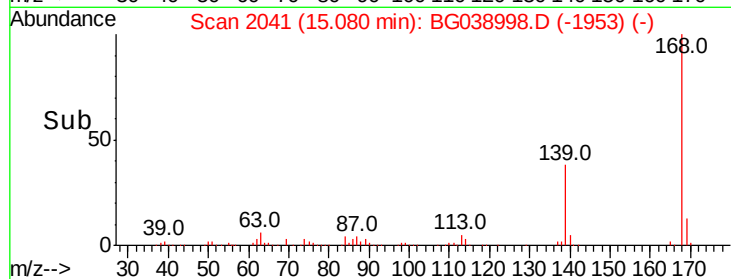
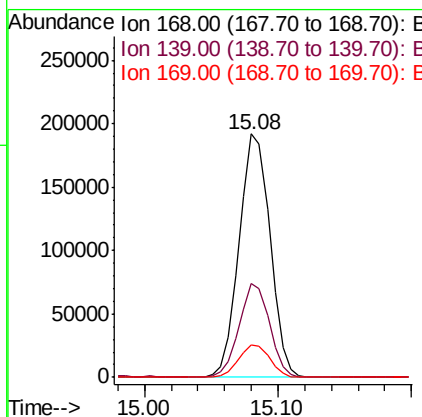
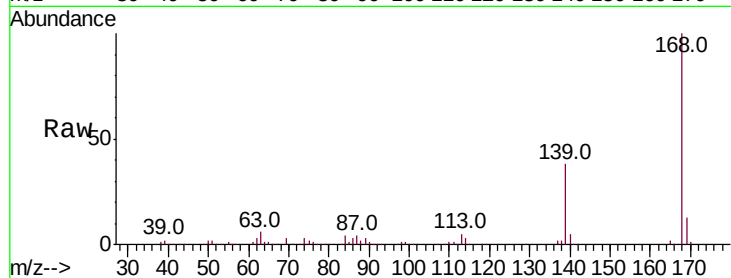




#55
Dibenzofuran
Concen: 42.468 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

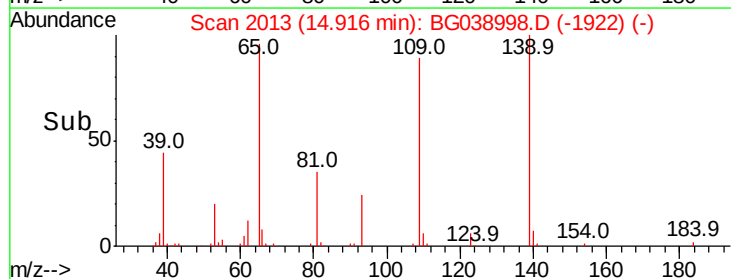
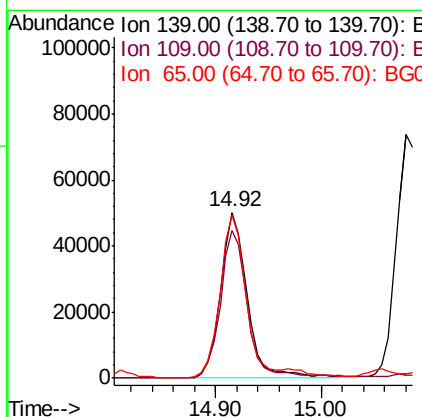
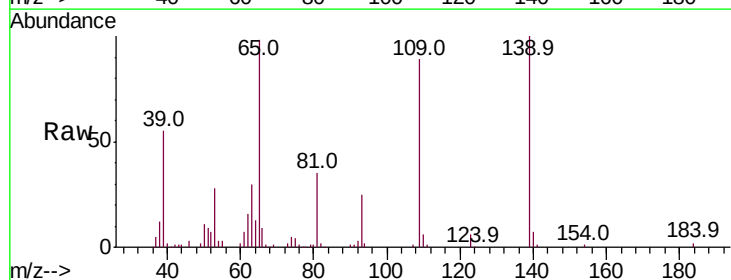
Instrument :
BNA_G
ClientSampleId :

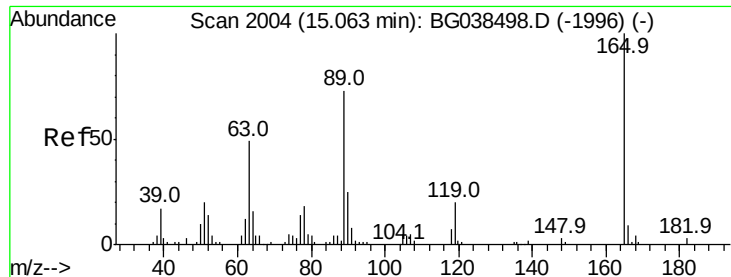
Tot Ion:168 Resp: 308049
Ion Ratio Lower Upper
168 100
139 38.4 32.2 48.2
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 84.227 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:139 Resp: 88115
Ion Ratio Lower Upper
139 100
109 89.0 73.6 113.6
65 98.0 84.8 124.8

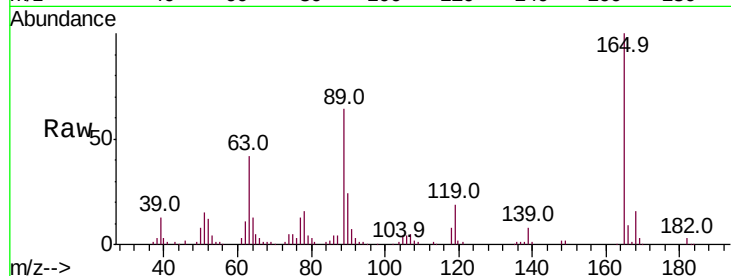




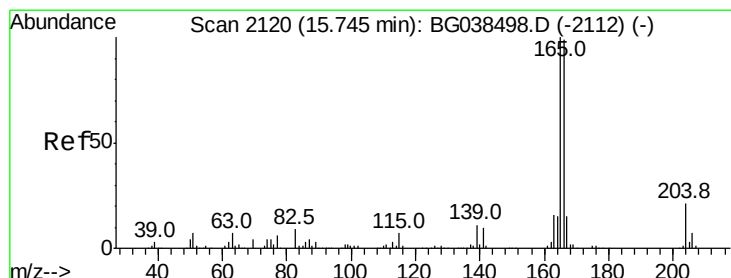
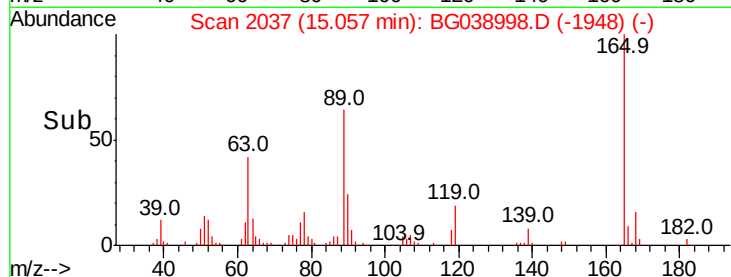
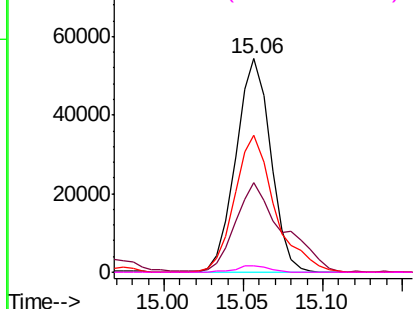
#57
2,4-Dinitrotoluene
Concen: 43.487 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 82859
Ion Ratio Lower Upper
165 100
63 42.1 39.0 58.4
89 64.3 58.0 87.0
182 2.8 2.3 3.5

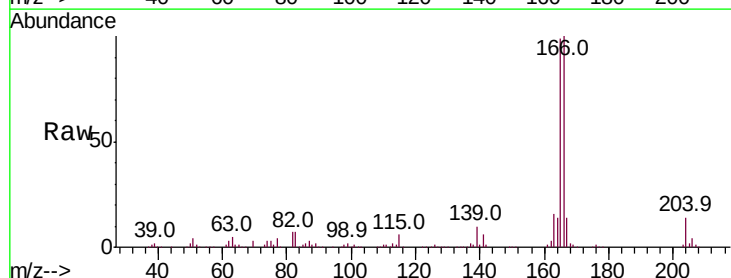


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

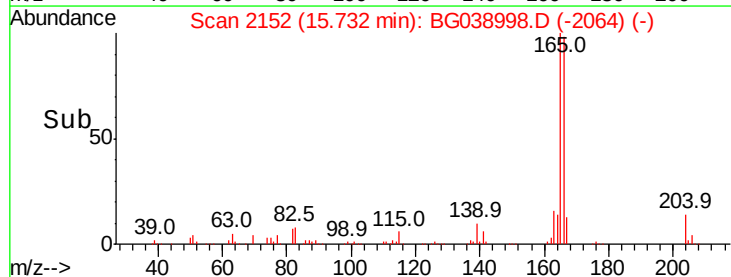
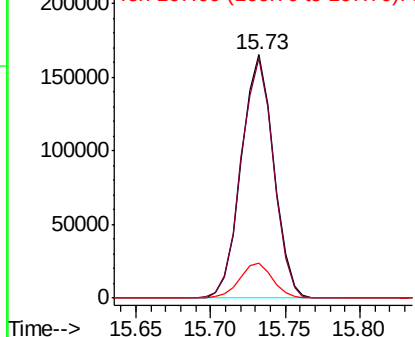


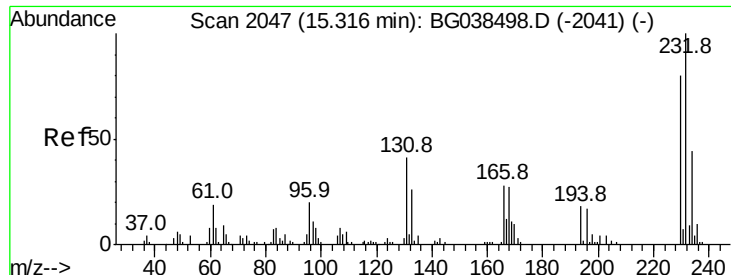
#58
Fluorene
Concen: 46.176 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:166 Resp: 248151
Ion Ratio Lower Upper
166 100
165 98.6 80.6 120.8
167 14.2 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

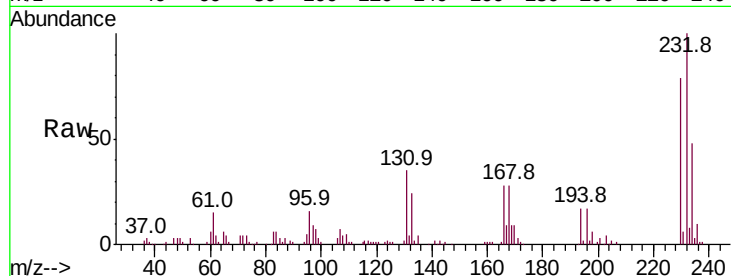




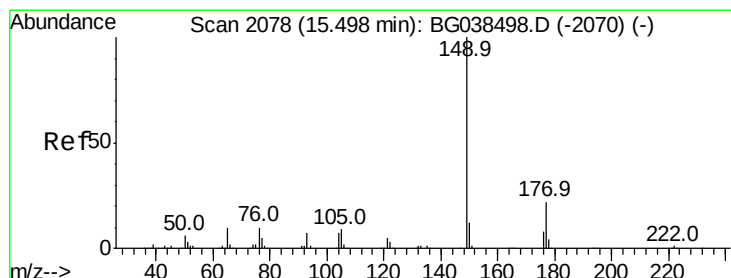
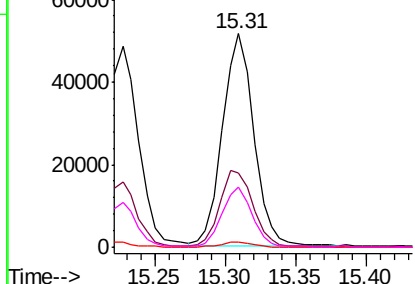
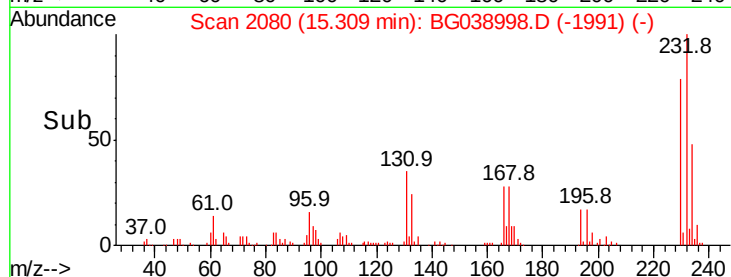
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.833 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 79753
 Ion Ratio Lower Upper
 232 100
 131 39.1 33.0 49.4
 130 2.4 2.0 3.0
 166 27.7 23.1 34.7

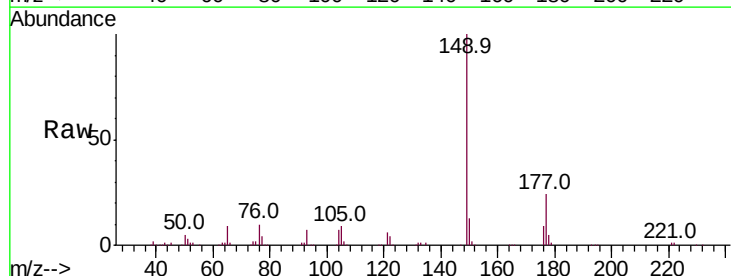


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

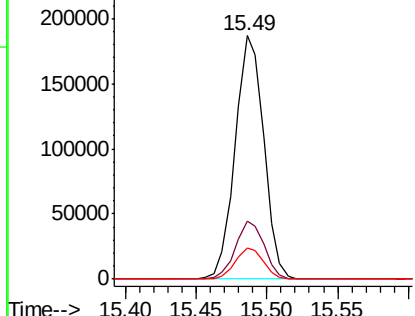
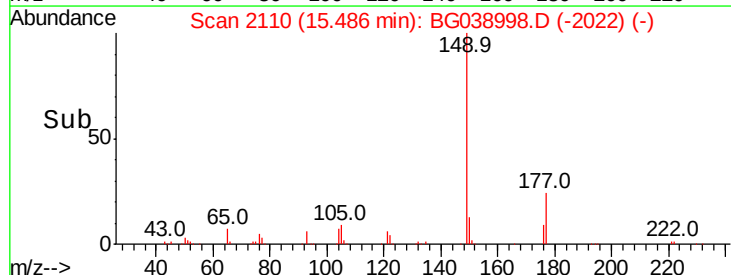


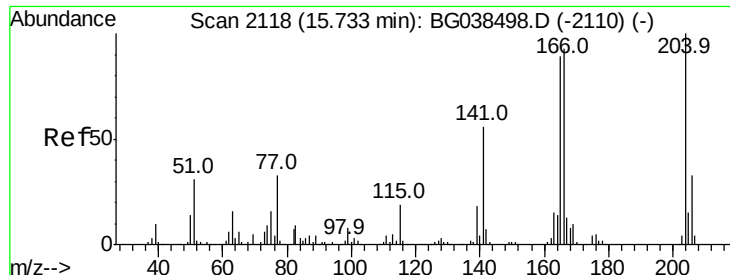
#60
 Diethylphthalate
 Concen: 40.339 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:149 Resp: 264357
 Ion Ratio Lower Upper
 149 100
 177 23.8 17.7 26.5
 150 12.8 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

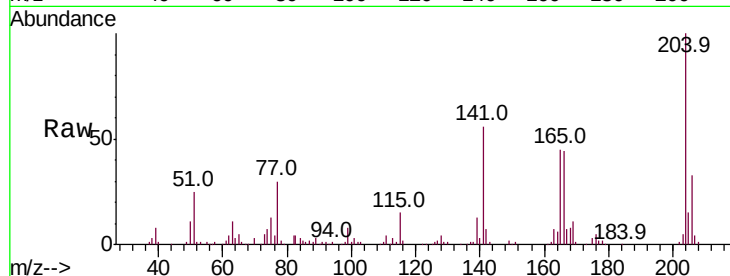




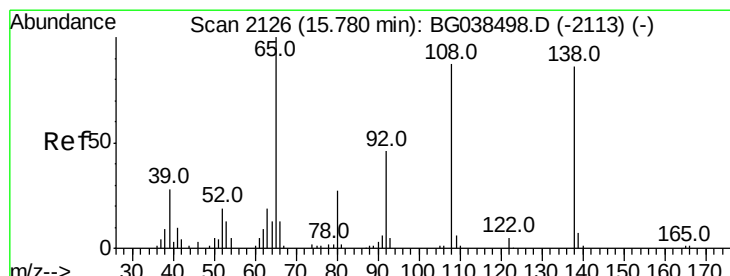
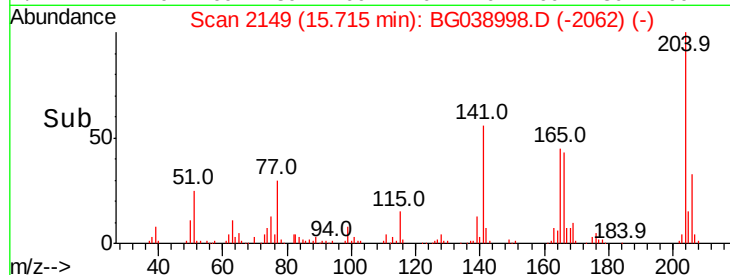
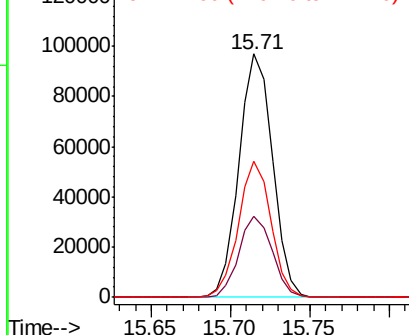
#61
4-Chlorophenyl-phenylether
Concen: 42.458 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 142364
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 55.7 44.4 66.6

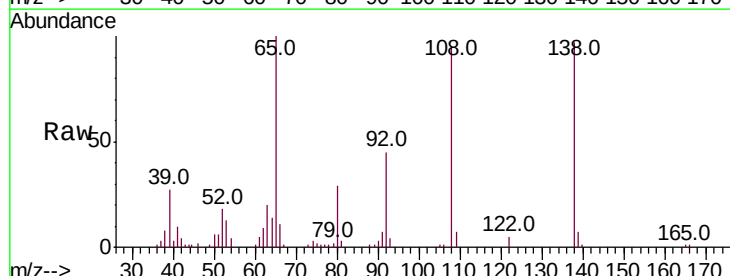


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

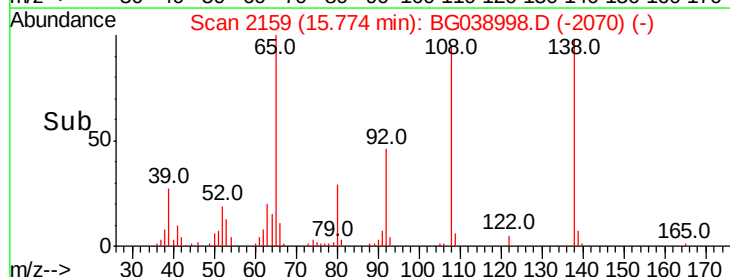
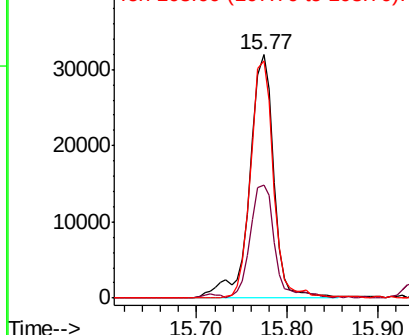


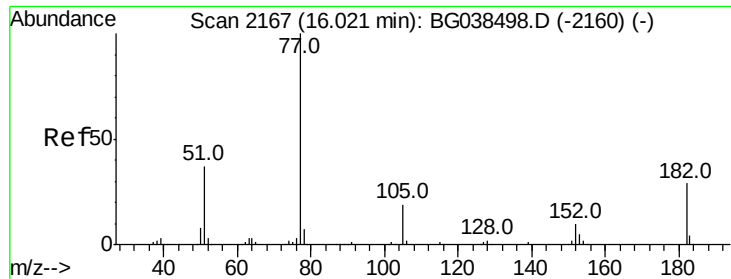
#62
4-Nitroaniline
Concen: 41.558 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:138 Resp: 59001
Ion Ratio Lower Upper
138 100
92 46.7 33.3 73.3
108 97.5 81.4 121.4



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





#63

Azobenzene

Concen: 37.476 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 205165

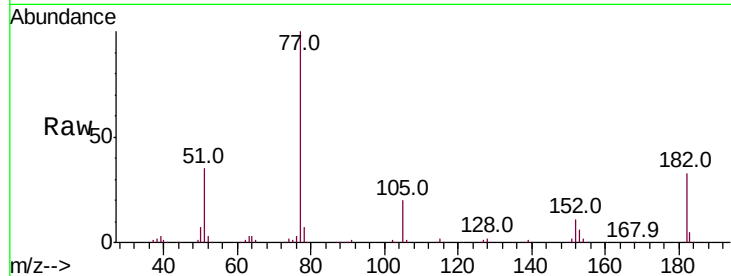
Ion Ratio Lower Upper

77 100

182 33.0 8.7 48.7

105 20.0 0.0 38.7

51 34.6 16.6 56.6

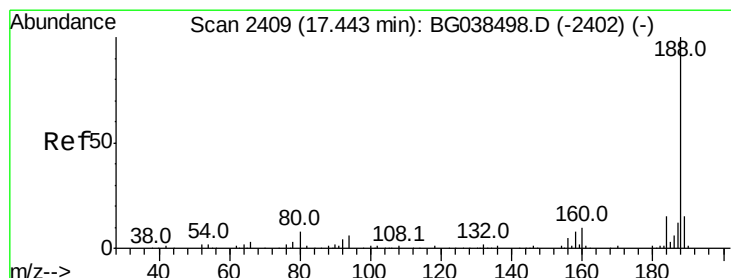
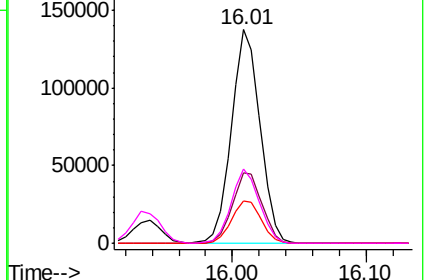
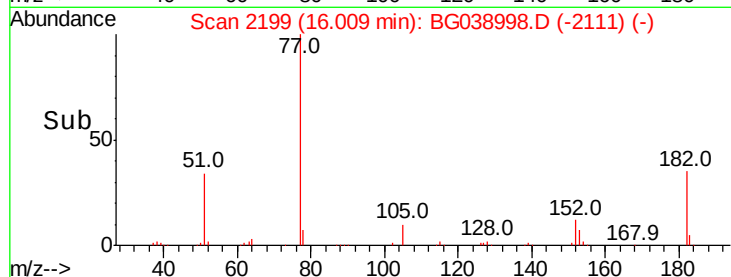


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2442

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

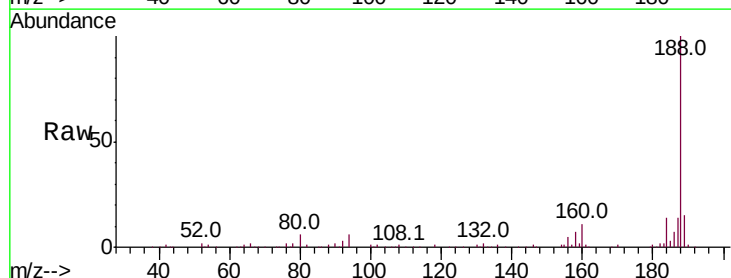
Tgt Ion: 188 Resp: 187142

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

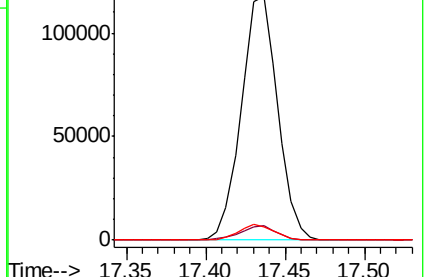
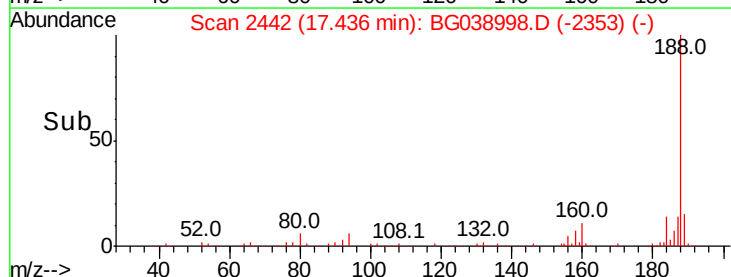
80 5.6 6.1 9.1#

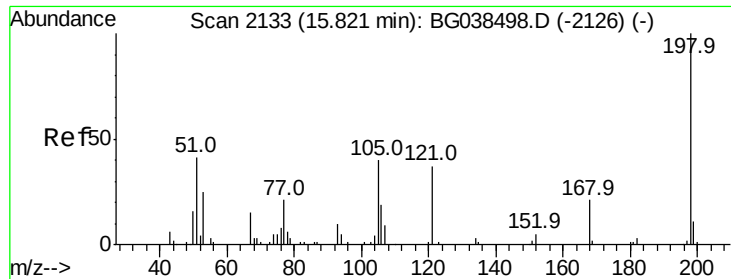


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

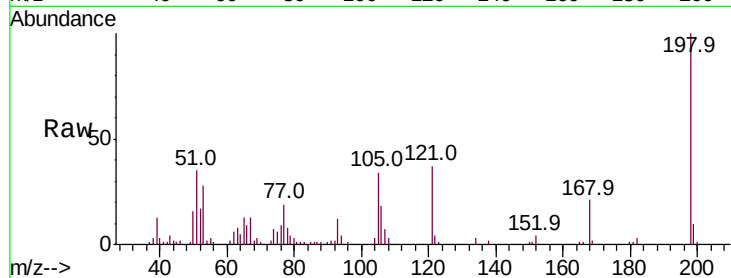




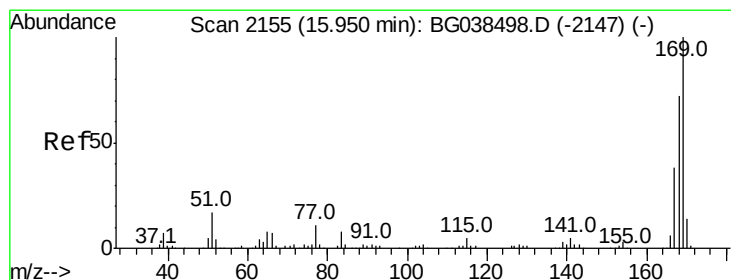
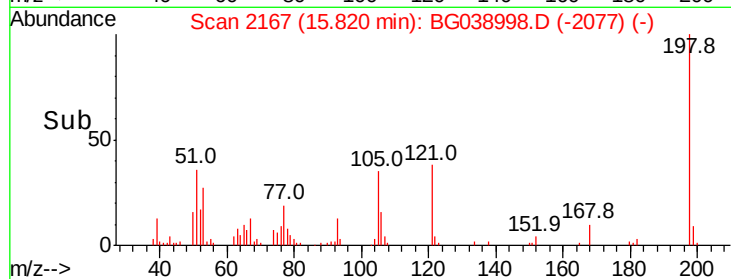
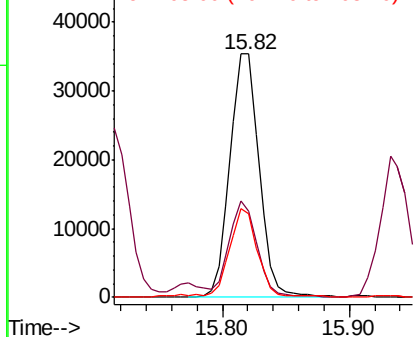
#65
4,6-Dinitro-2-methylphenol
Concen: 42.354 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 56542
Ion Ratio Lower Upper
198 100
51 35.4 28.6 68.6
105 34.5 20.4 60.4

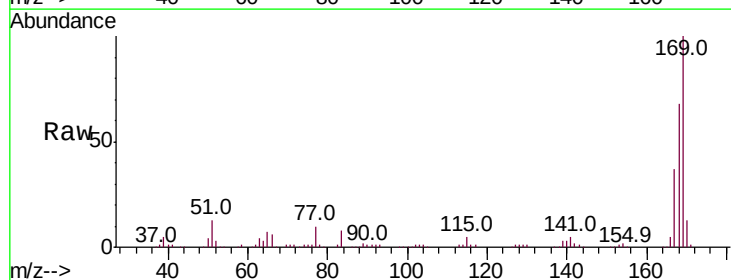


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

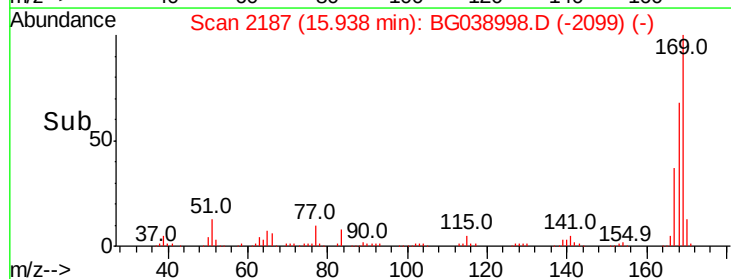
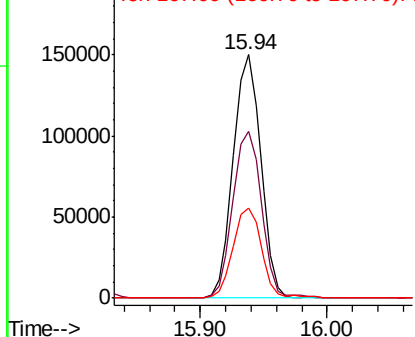


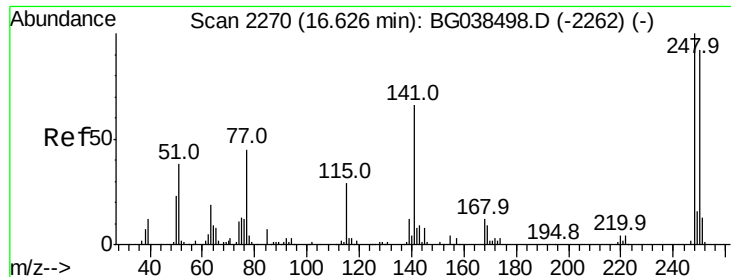
#66
n-Nitrosodiphenylamine
Concen: 41.284 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:169 Resp: 227006
Ion Ratio Lower Upper
169 100
168 68.4 57.5 86.3
167 36.9 30.2 45.2



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

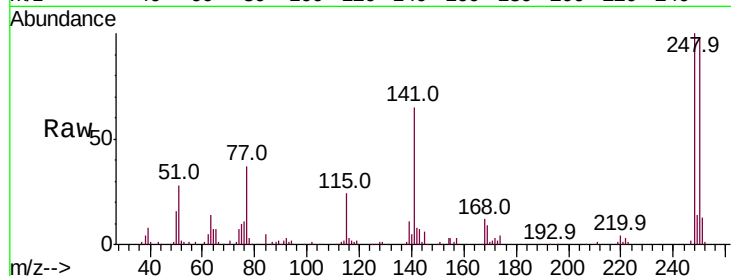




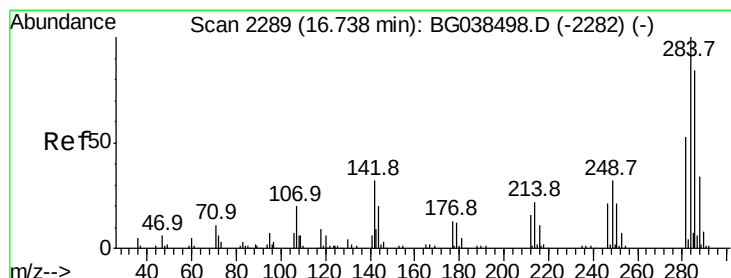
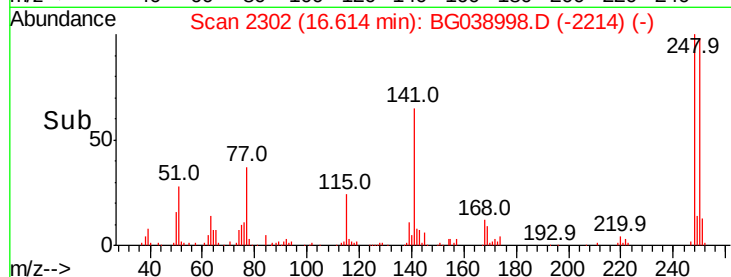
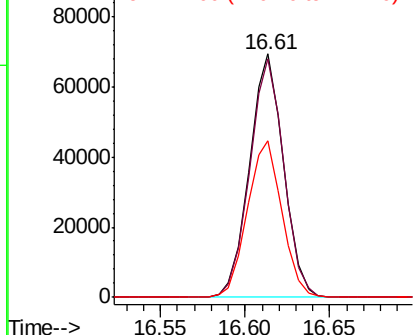
#67
 4-Bromophenyl-phenylether
 Concen: 42.356 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 96807
 Ion Ratio Lower Upper
 248 100
 250 98.2 73.4 110.2
 141 64.6 52.9 79.3

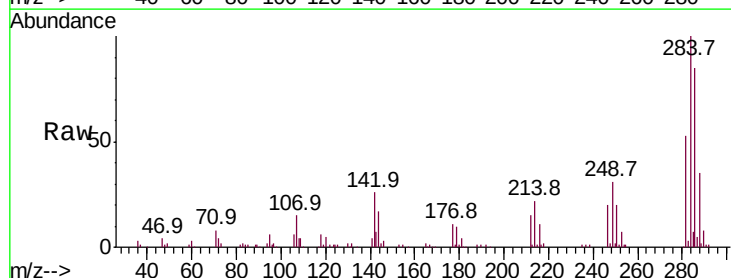


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

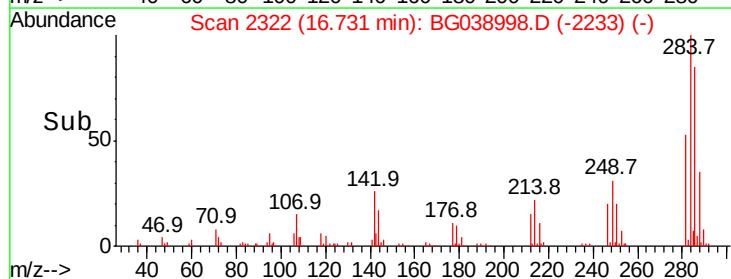
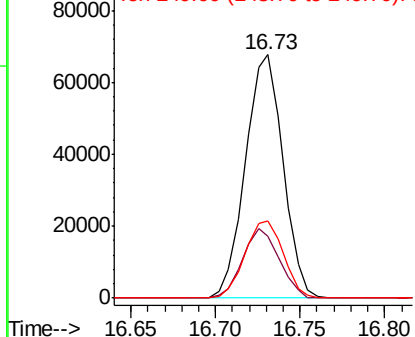


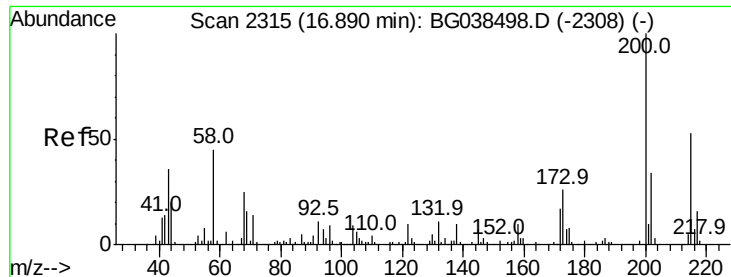
#68
 Hexachlorobenzene
 Concen: 44.262 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:284 Resp: 104866
 Ion Ratio Lower Upper
 284 100
 142 25.5 25.8 38.6#
 249 33.8 27.0 40.4



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





#69

Atrazine

Concen: 45.971 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

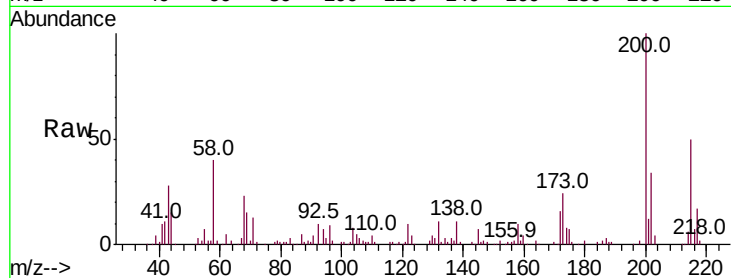
Tot Ion:200 Resp: 93809

Ion Ratio Lower Upper

200 100

173 23.5 5.9 45.9

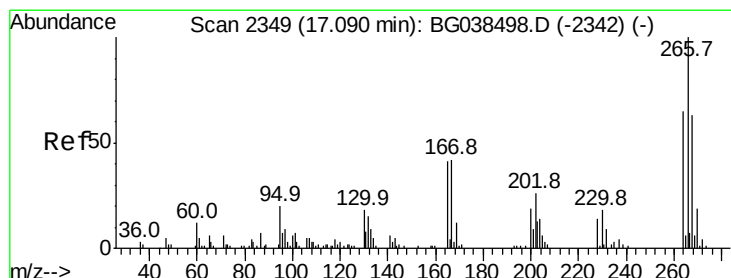
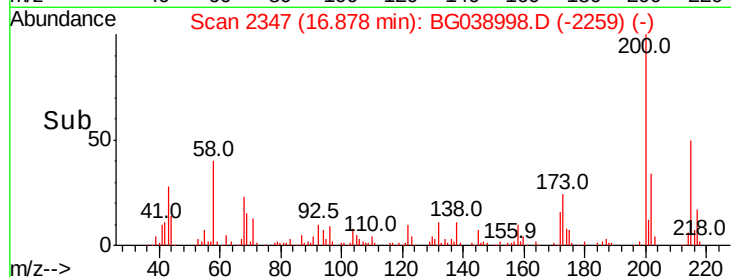
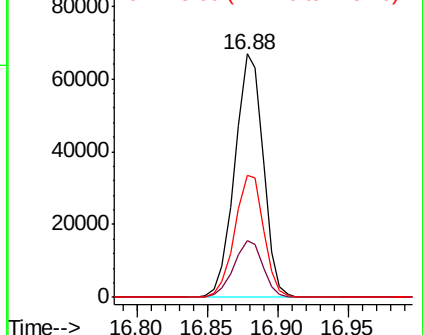
215 50.0 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.824 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

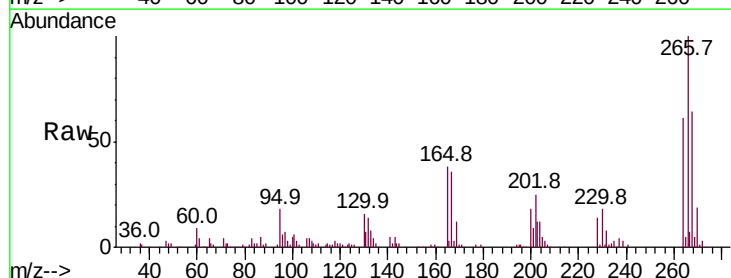
Tgt Ion:266 Resp: 116066

Ion Ratio Lower Upper

266 100

268 68.4 55.0 82.6

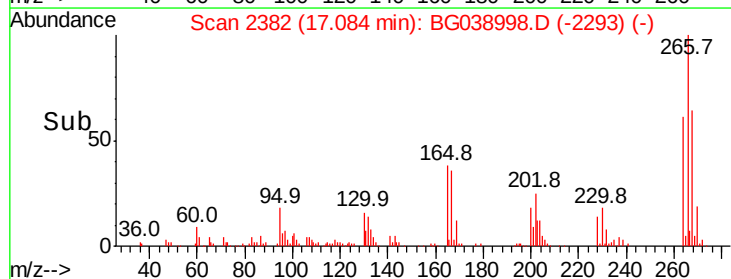
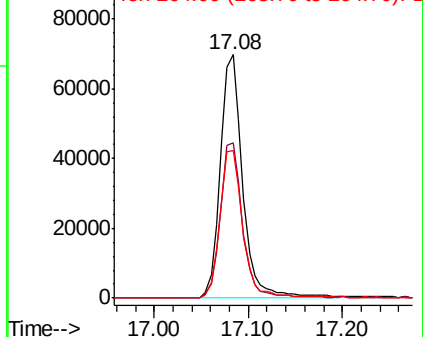
264 60.9 56.7 85.1

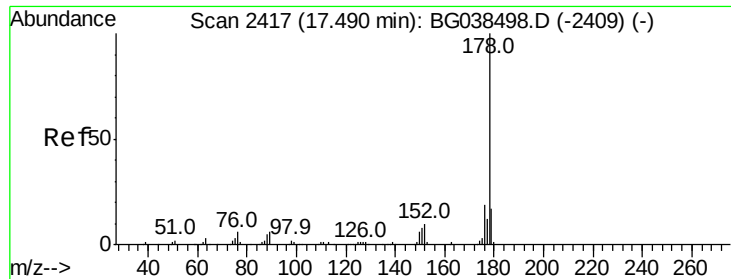


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

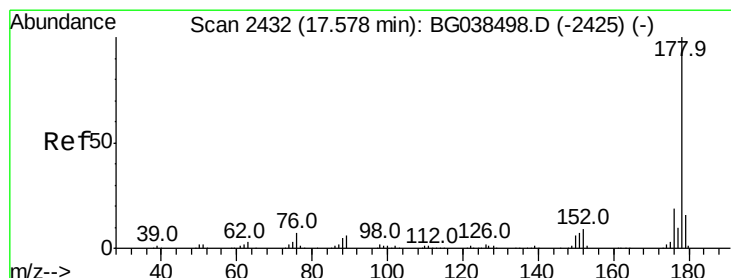
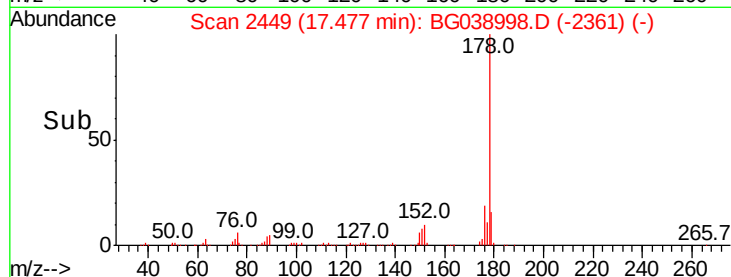
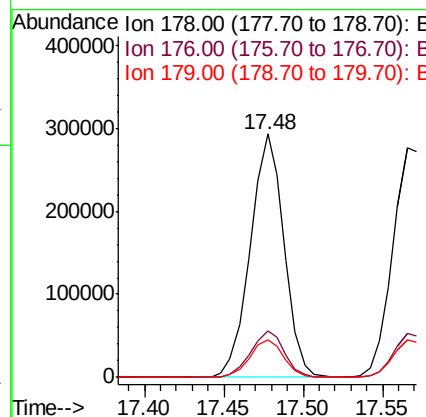
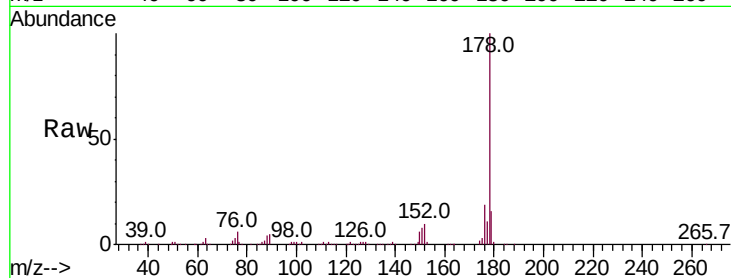




#71
 Phenanthrene
 Concen: 44.411 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

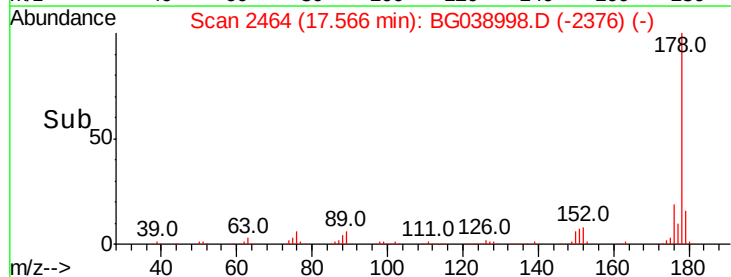
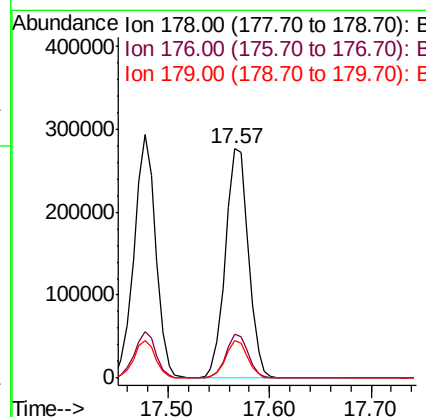
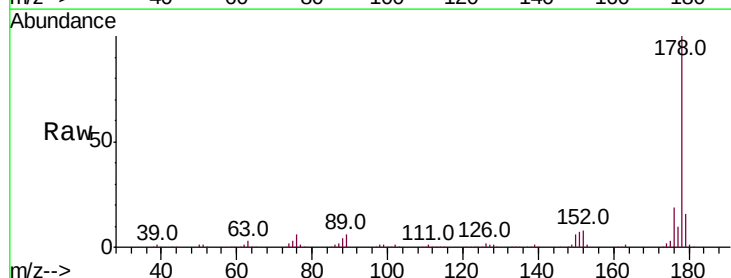
Instrument :
 BNA_G
 ClientSampleId :

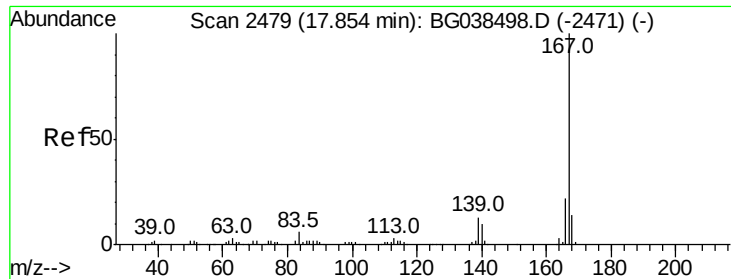
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	13.2	19.8



#72
 Anthracene
 Concen: 45.489 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.2	12.9	19.3

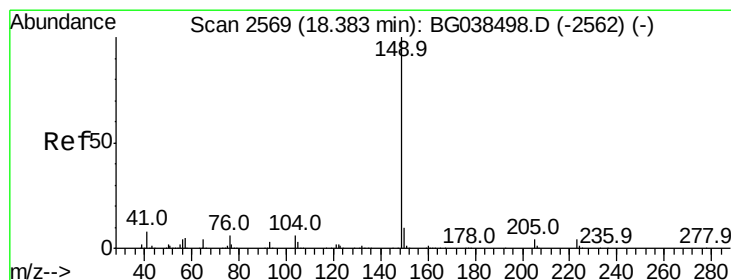
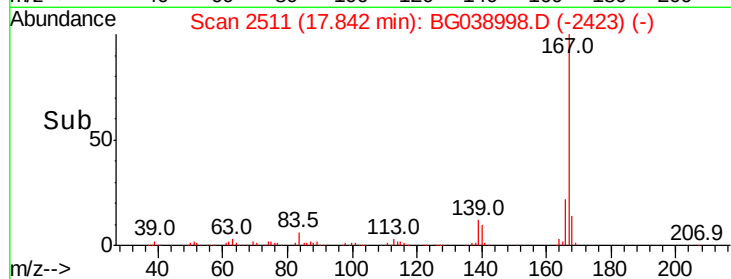
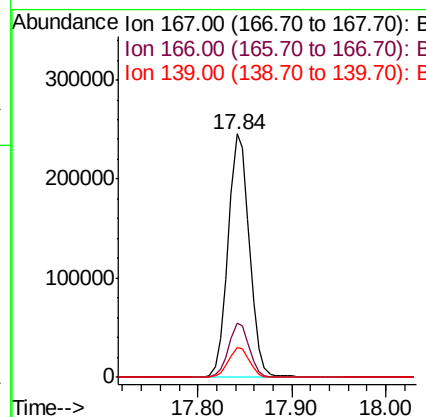
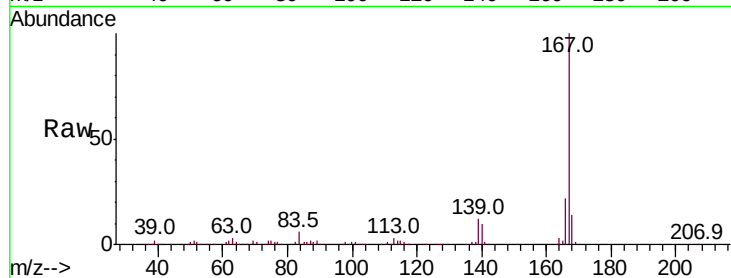




#73
 Carbazole
 Concen: 40.951 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

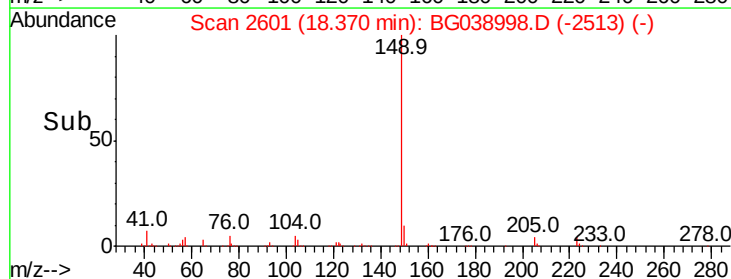
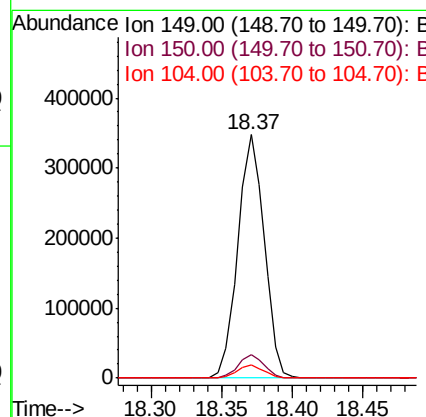
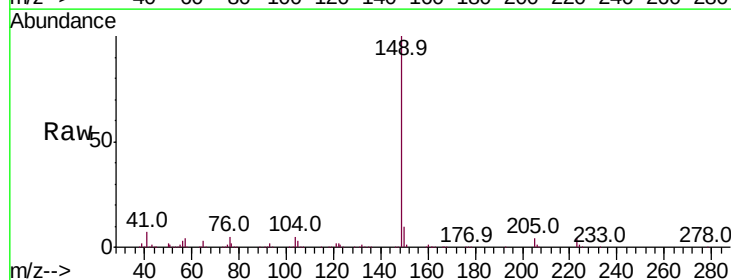
Instrument :
 BNA_G
 ClientSampleId :

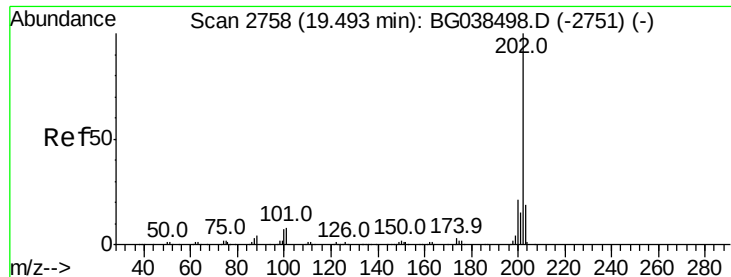
Tot Ion:167 Resp: 388002
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 12.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 41.660 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:149 Resp: 452924
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 5.5 5.0 7.4





#75

Fluoranthene

Concen: 45.193 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

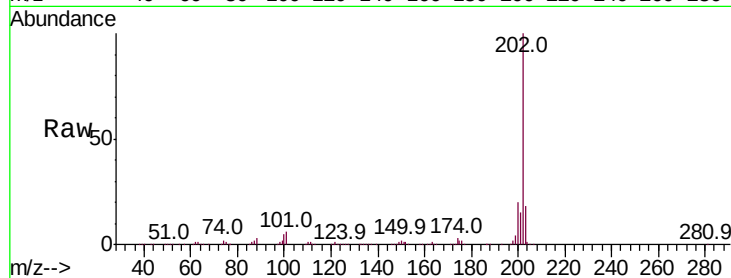
Tot Ion:202 Resp: 542644

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.1

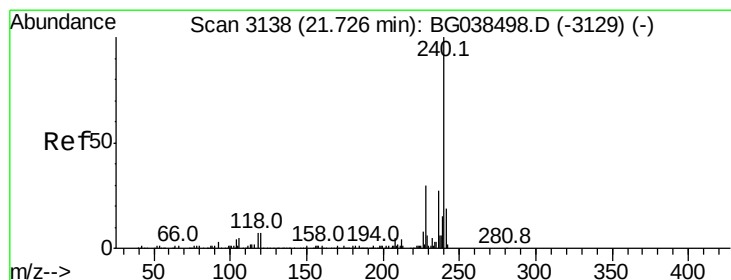
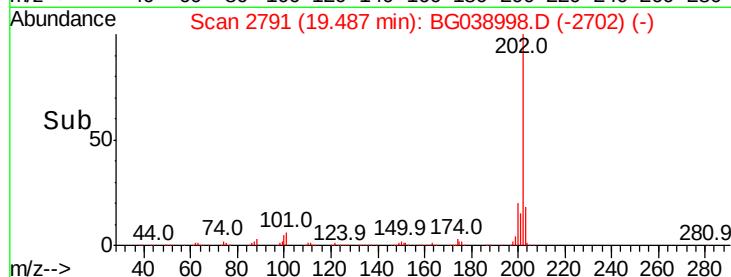
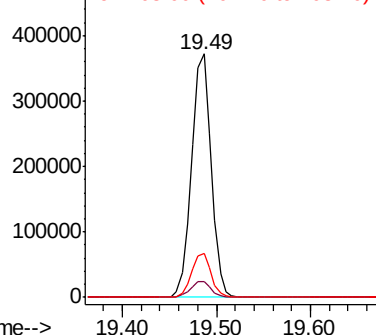
203 18.0 0.0 39.0



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

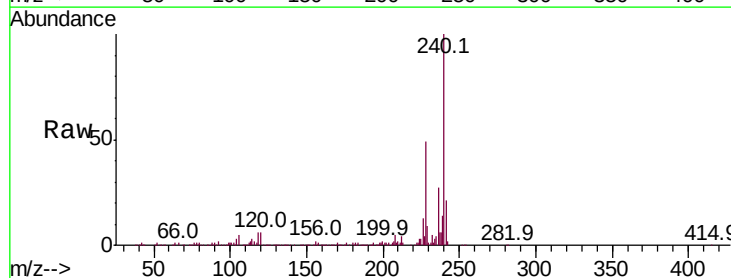
Tgt Ion:240 Resp: 192753

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

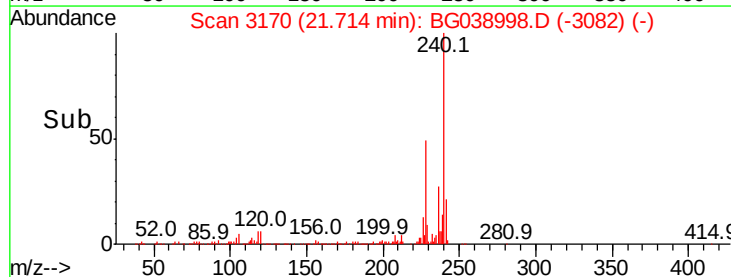
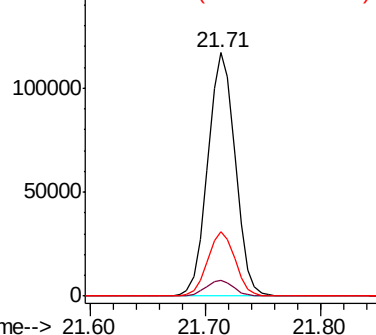
236 26.7 21.4 32.2

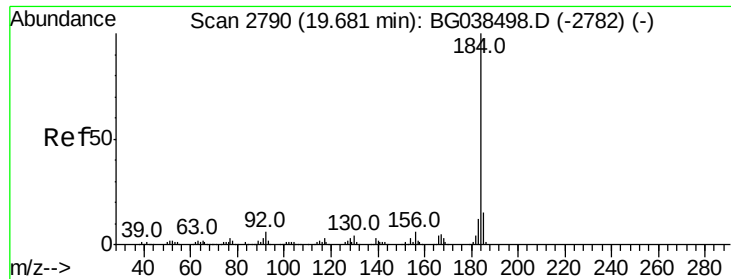


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.994 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

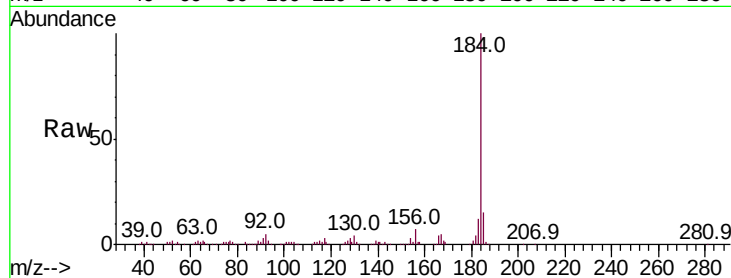
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 199483

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.2
183	12.2	9.6	14.4

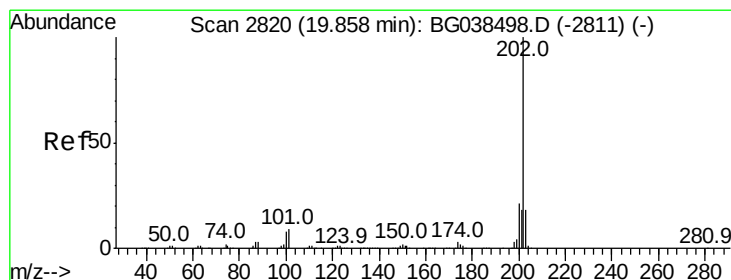
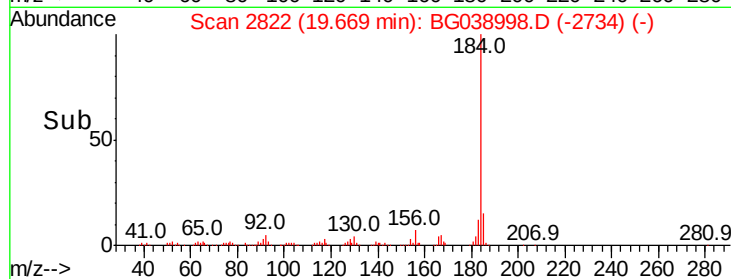
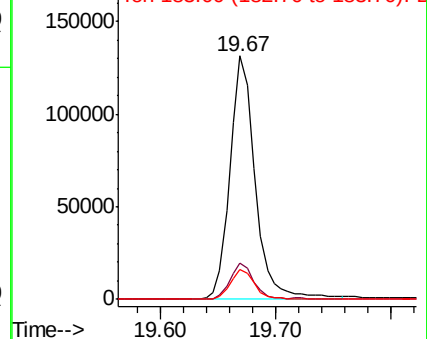


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.386 ng

RT: 19.85 min Scan# 2853

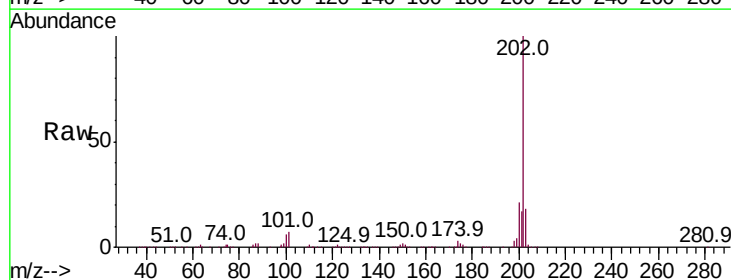
Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:202 Resp: 539732

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	18.1	14.6	21.8

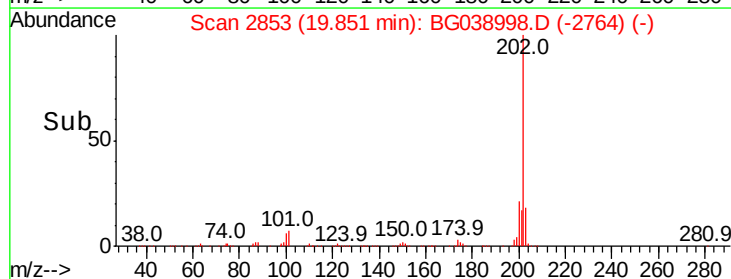
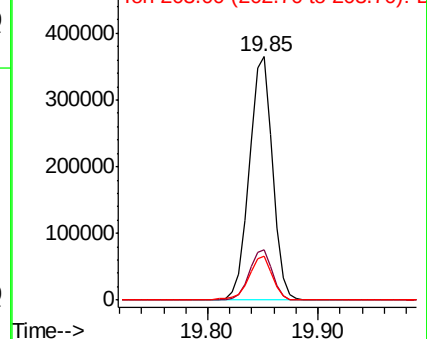


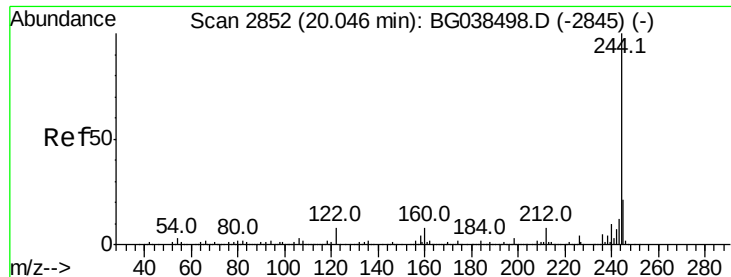
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.521 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampleId :

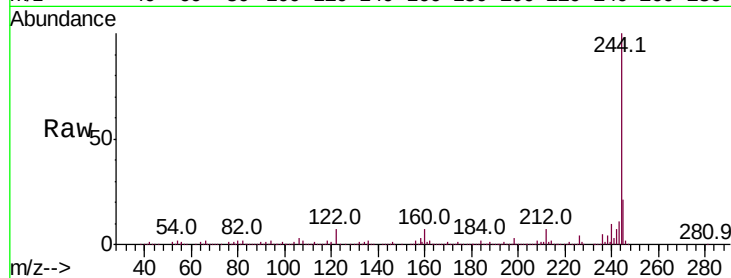
Tot Ion:244 Resp: 739731

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

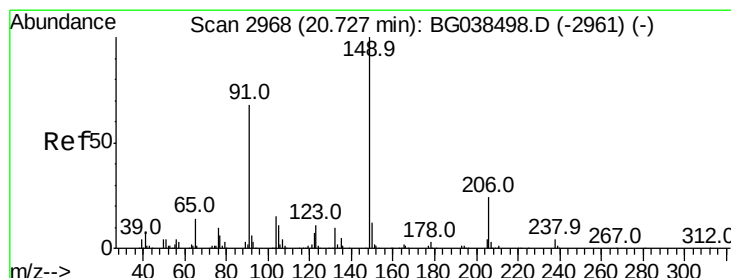
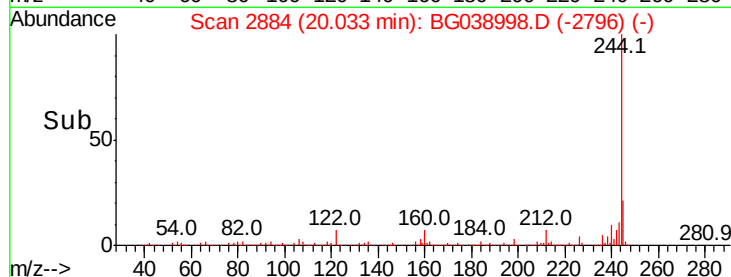
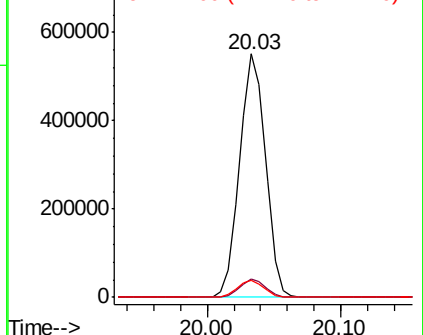
122 6.9 6.3 9.5



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: 40.944 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

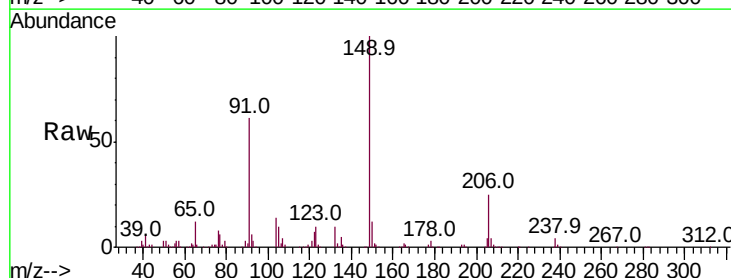
Tgt Ion:149 Resp: 203695

Ion Ratio Lower Upper

149 100

91 61.5 54.5 81.7

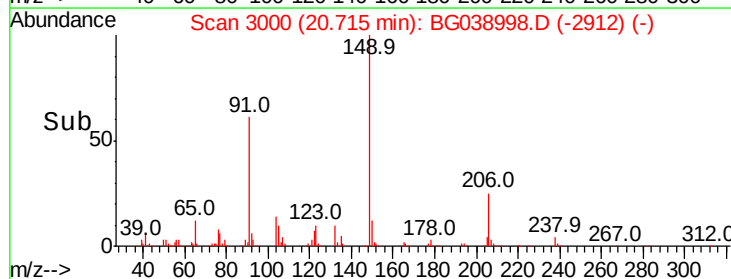
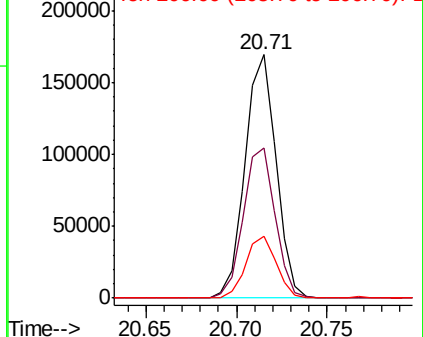
206 25.4 19.0 28.6

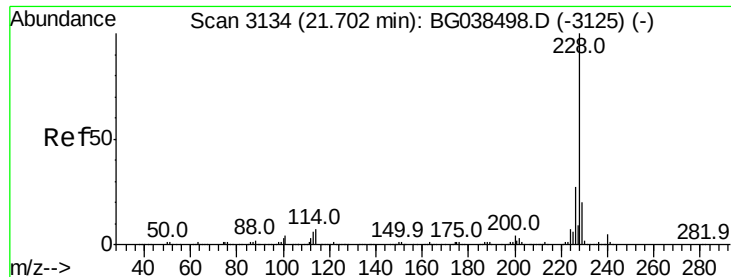


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.647 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

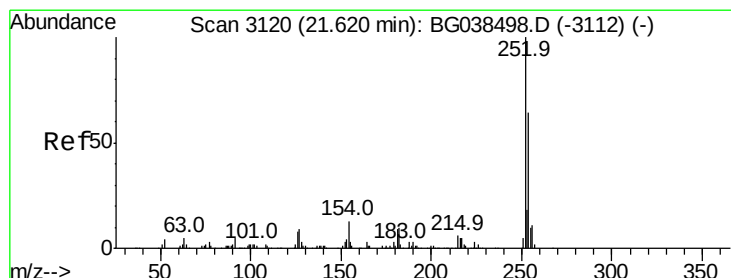
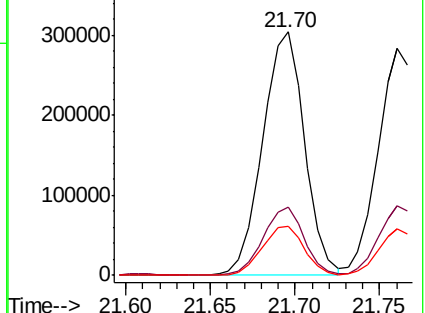
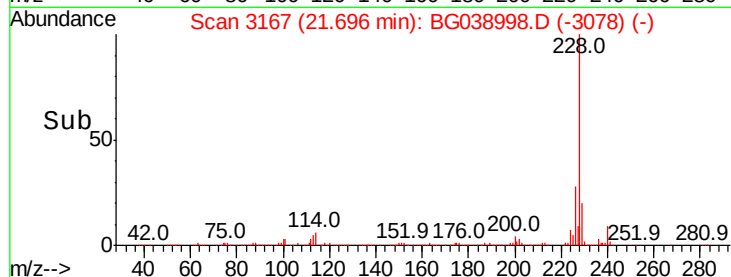
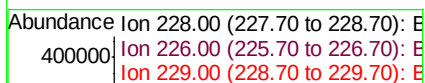
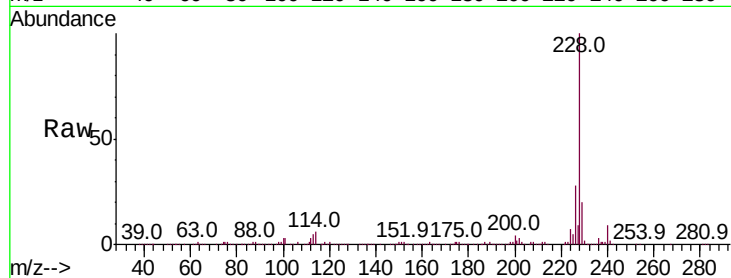
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 524401

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.8
229	19.9	15.8	23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.428 ng

RT: 21.61 min Scan# 3152

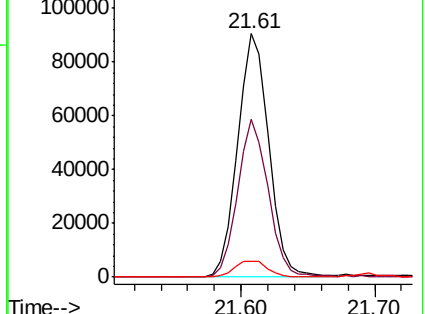
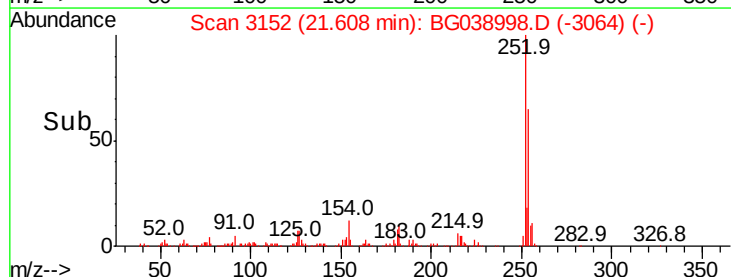
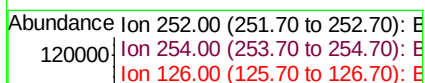
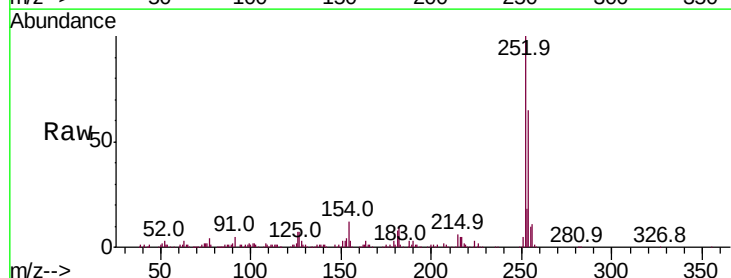
Delta R.T. -0.01 min

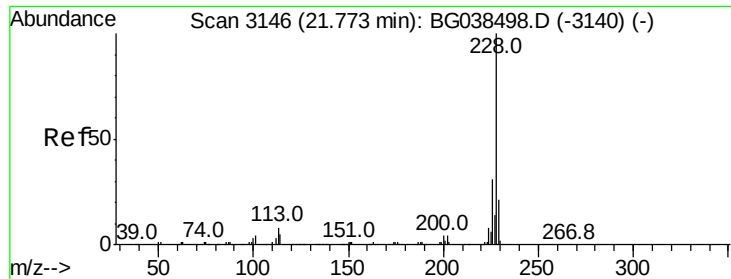
Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:252 Resp: 146399

Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.9	76.3
126	6.7	6.3	9.5

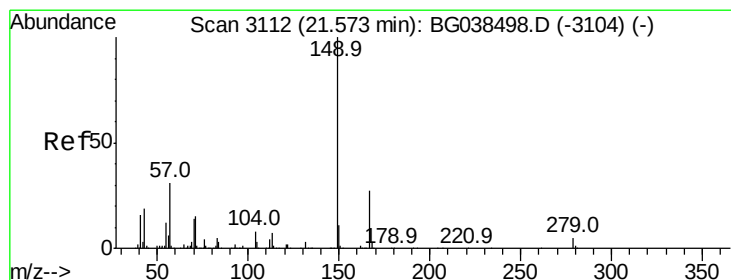
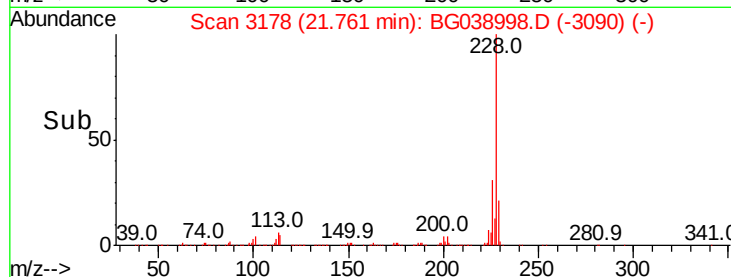
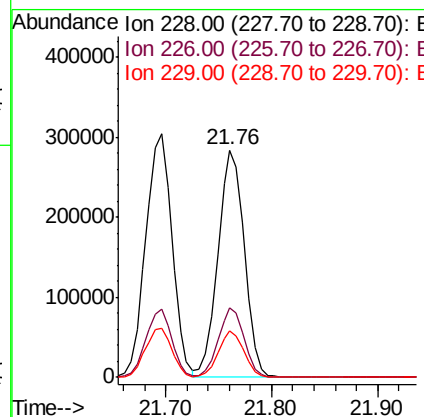
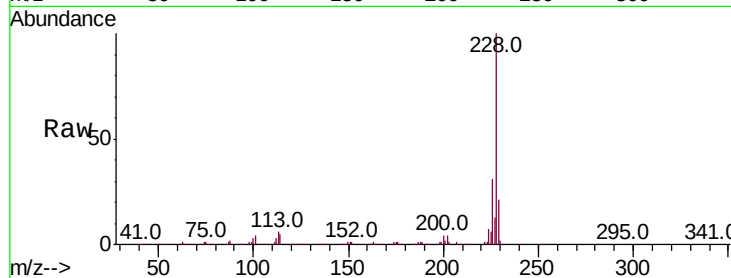




#83
 Chrysene
 Concen: 43.695 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

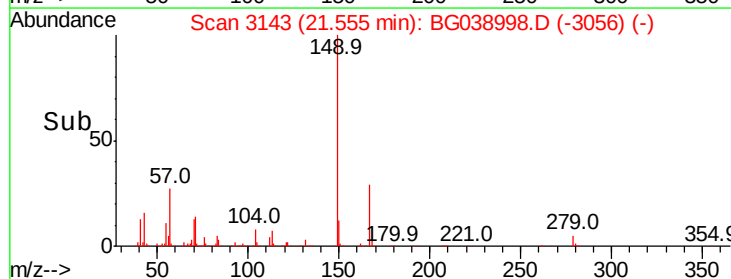
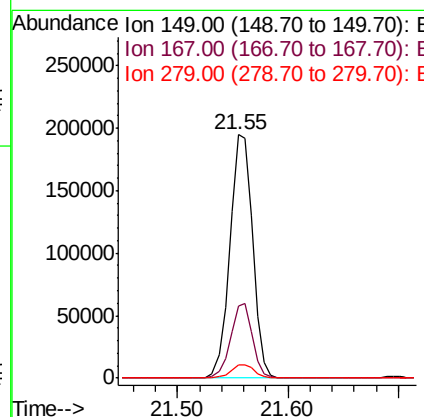
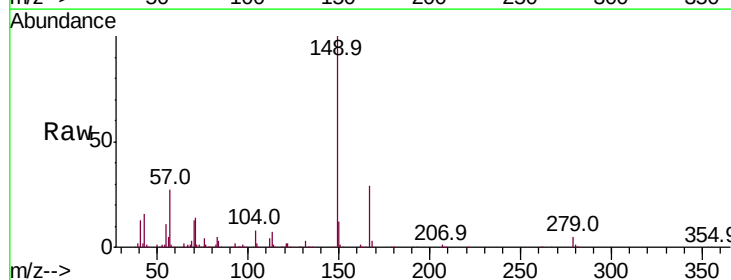
Instrument :
 BNA_G
 ClientSampleId :

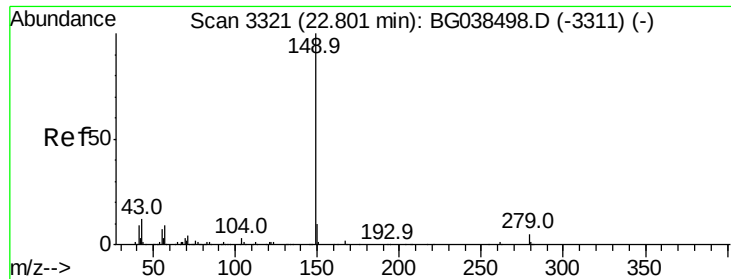
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	20.6	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.018 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.9	32.9
279	5.2	4.2	6.2

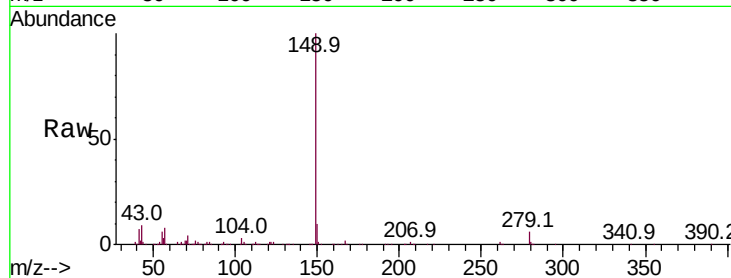




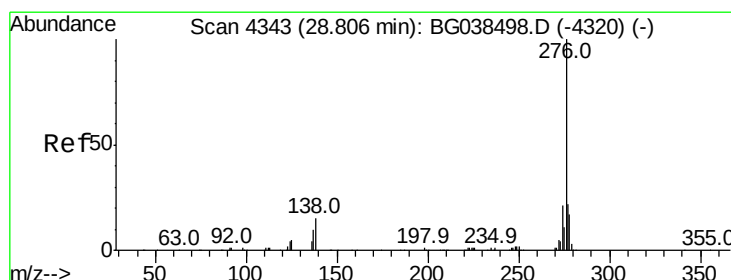
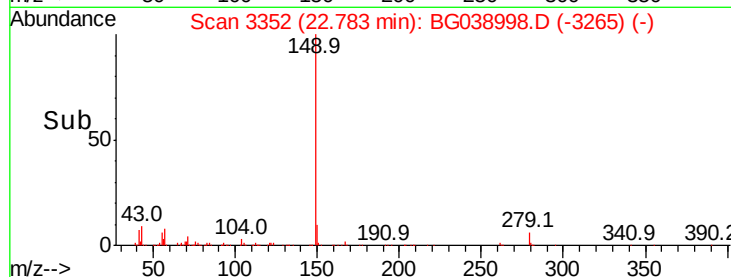
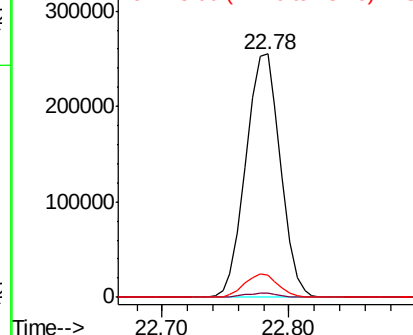
#85
Di-n-octyl phthalate
Concen: 40.880 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	9.4	9.3	13.9

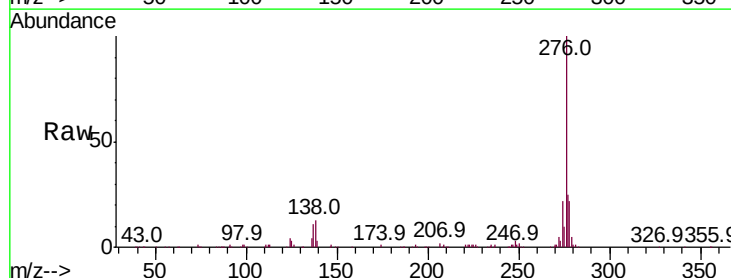


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

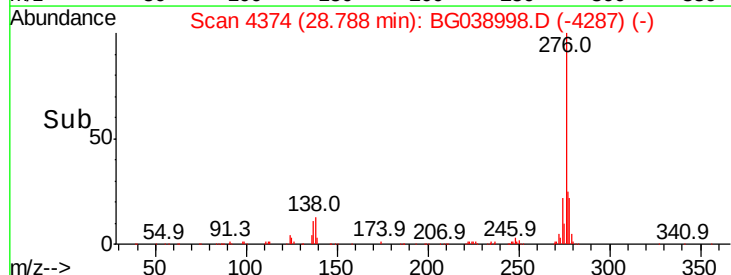
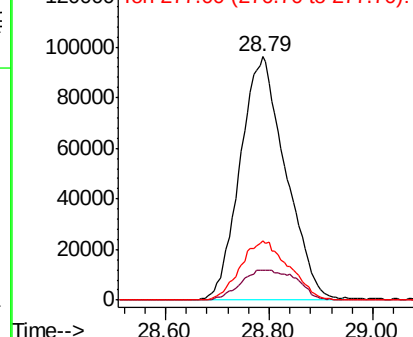


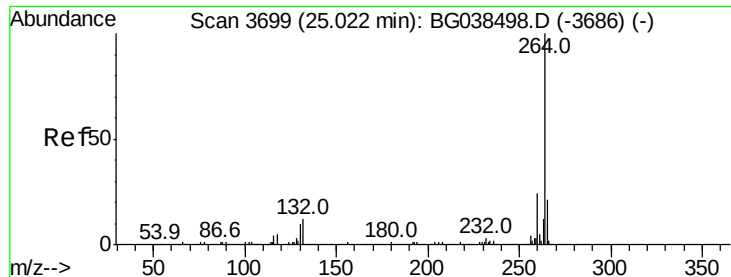
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.103 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	14.4	21.6
277	25.8	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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampleId :

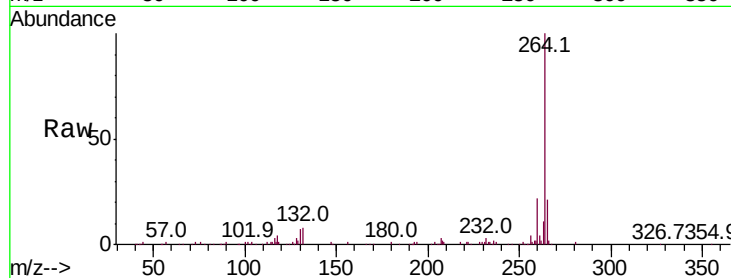
Tot Ion:264 Resp: 191209

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

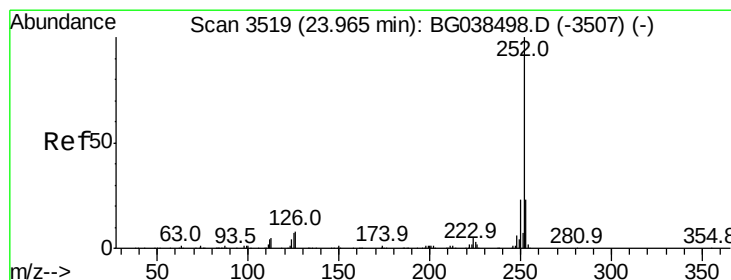
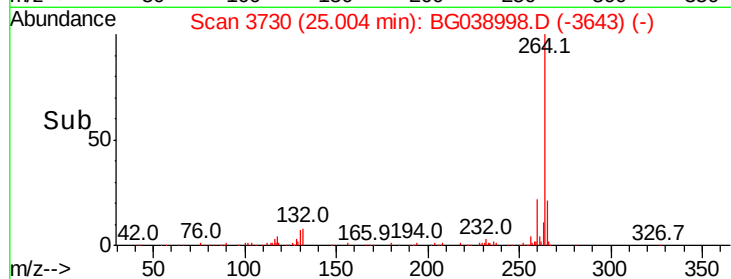
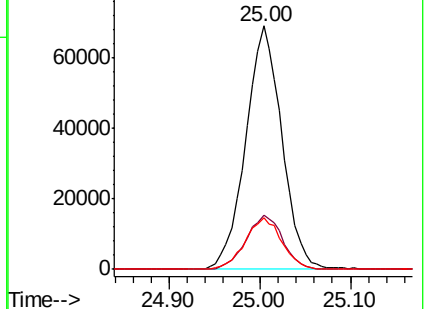
265 21.3 17.0 25.4



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: 50.329 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

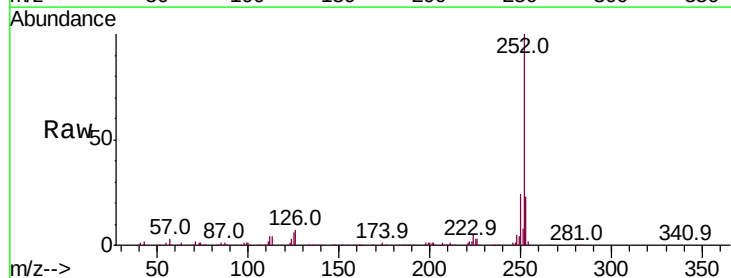
Tgt Ion:252 Resp: 528357

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

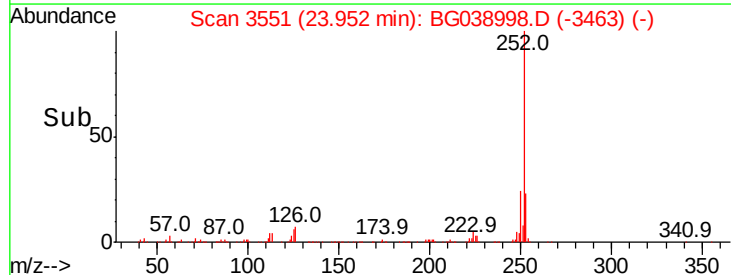
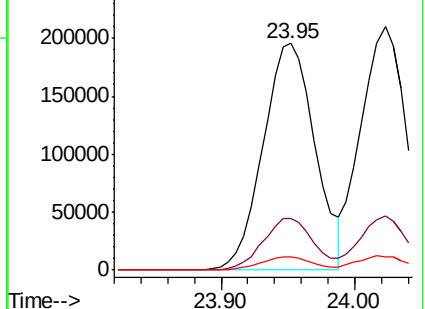
125 5.9 5.5 8.3

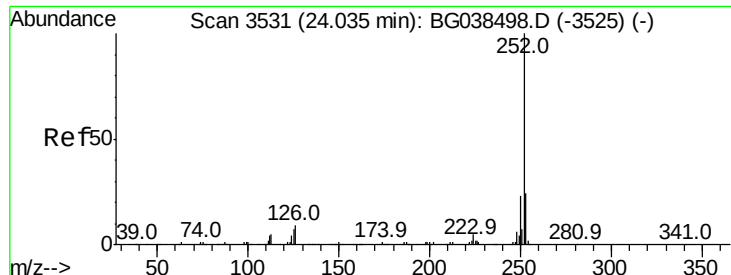


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

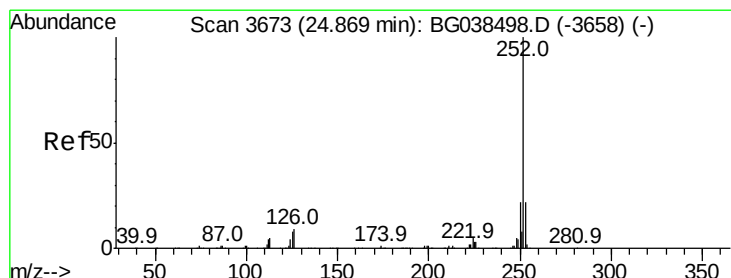
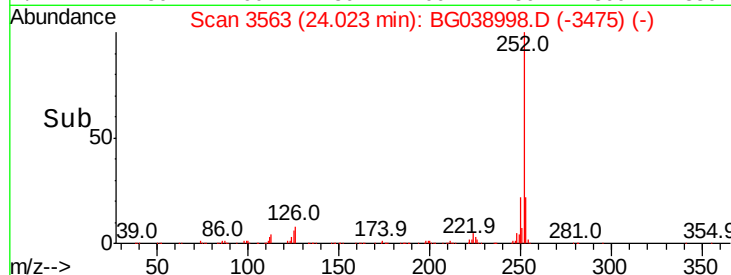
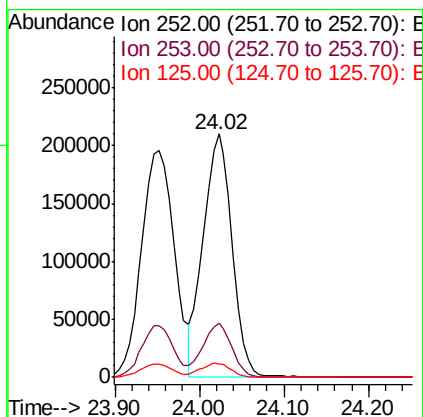
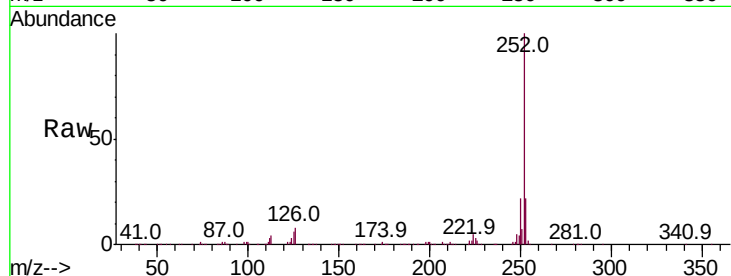




#89
Benzo(k)fluoranthene
Concen: 47.739 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

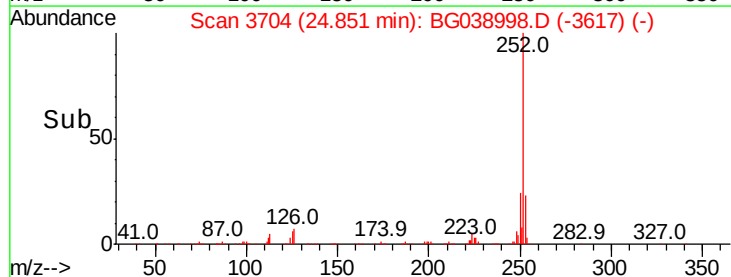
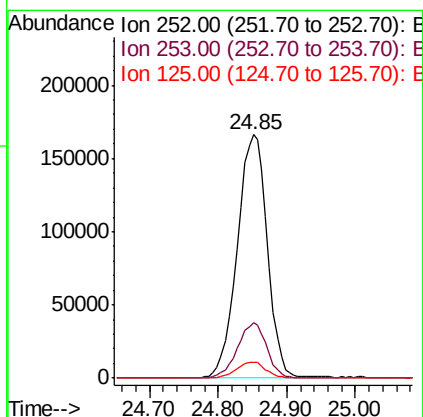
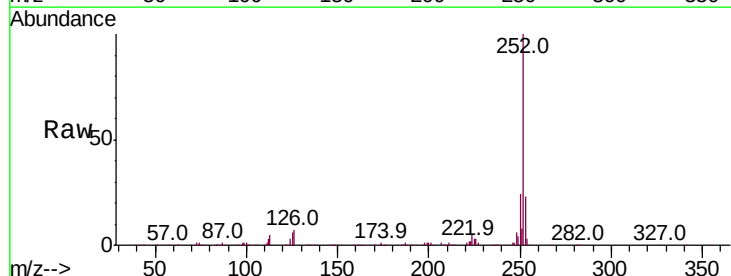
Instrument :
BNA_G
ClientSampleId :

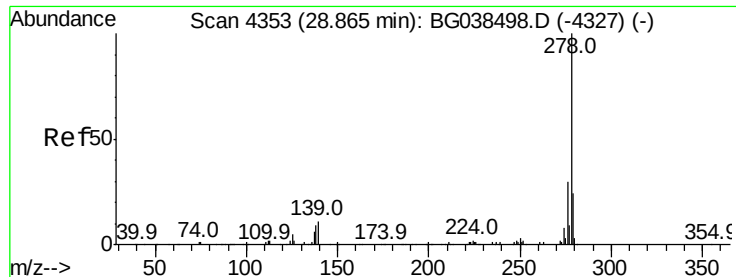
Tot Ion:252 Resp: 499060
Ion Ratio Lower Upper
252 100
253 22.2 18.9 28.3
125 5.5 5.4 8.2



#90
Benzo(a)pyrene
Concen: 50.056 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:252 Resp: 506966
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 6.4 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 47.959 ng

RT: 28.85 min Scan# 4384

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

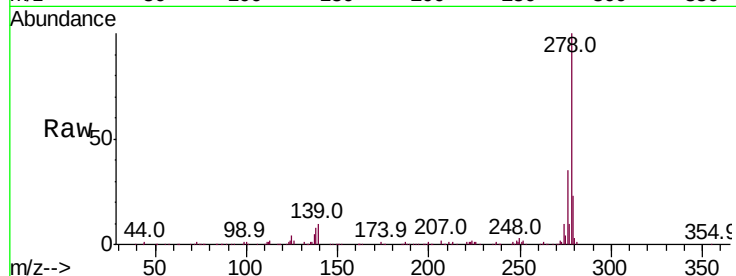
Tot Ion:278 Resp: 483623

Ion Ratio Lower Upper

278 100

139 9.9 8.6 12.8

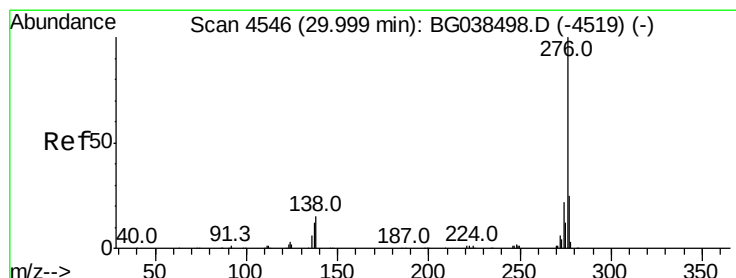
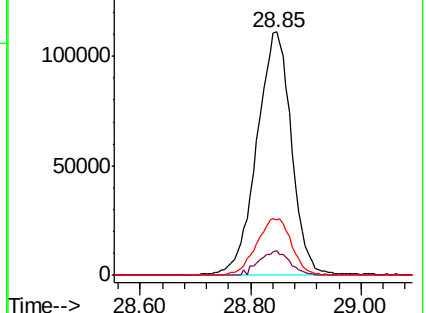
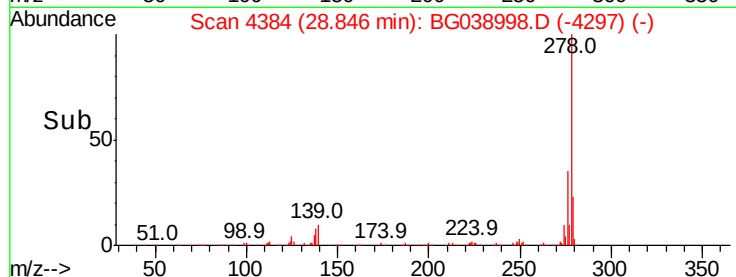
279 22.5 19.0 28.6



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: 49.264 ng

RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

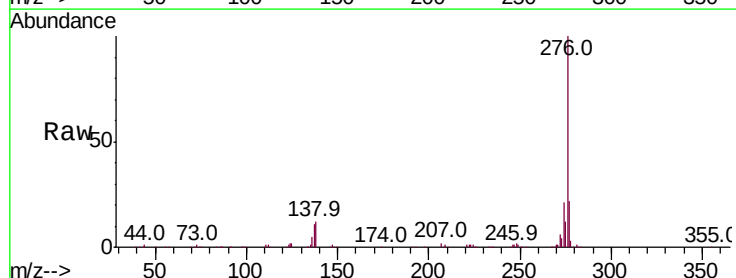
Tgt Ion:276 Resp: 489586

Ion Ratio Lower Upper

276 100

277 22.5 19.8 29.8

138 11.8 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

