

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038935.D
 Acq On : 4 Jan 2019 18:30
 Operator : JU/SJ
 Sample : K1017-26MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 22:48:04 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	26887	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	108160	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	73469	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	184823	20.00	ng	0.00
76) Chrysene-d12	21.71	240	184822	20.00	ng	-0.01
87) Perylene-d12	25.01	264	200283	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	86325	56.95	ng	0.00
7) Phenol-d6	7.21	99	234399	112.63	ng	0.00
23) Nitrobenzene-d5	9.23	82	173338	81.87	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.31	172	466507	87.11	ng	-0.01
79) Terphenyl-d14	20.03	244	876707	103.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	17283	24.497	ng	96
3) Pyridine	3.88	79	43620	22.456	ng	93
4) n-Nitrosodimethylamine	3.81	42	34164	35.895	ng	# 89
6) Aniline	7.37	93	93900	35.346	ng	99
8) 2-Chlorophenol	7.61	128	39402	22.461	ng	97
9) Benzaldehyde	7.19	77	26251	19.445	ng	86
10) Phenol	7.24	94	78676	35.585	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	61236	34.788	ng	96
12) 1,3-Dichlorobenzene	7.93	146	73264	35.322	ng	98
13) 1,4-Dichlorobenzene	8.08	146	75105	35.355	ng	95
14) 1,2-Dichlorobenzene	8.40	146	73805	36.853	ng	98
15) Benzyl Alcohol	8.29	79	69955	43.067	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	127248	31.558	ng	97
17) 2-Methylphenol	8.49	107	62204	41.993	ng	98
18) Hexachloroethane	9.12	117	24360	31.381	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	54246	37.114	ng	98
20) 3+4-Methylphenols	8.82	107	80173	39.191	ng	95
22) Acetophenone	8.88	105	113558	42.033	ng	# 97
24) Nitrobenzene	9.27	77	84521	39.463	ng	94
25) Isophorone	9.77	82	165847	43.599	ng	98
26) 2-Nitrophenol	9.77	139	3122	2.848	ng	# 53
27) 2,4-Dimethylphenol	10.03	122	67848	43.187	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	90242	42.038	ng	98
29) 2,4-Dichlorophenol	10.53	162	8027	4.593	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	88425	41.885	ng	97
31) Naphthalene	10.91	128	238346	44.725	ng	99
32) Benzoic acid	10.03	122	67848	63.758	ng	# 10
33) 4-Chloroaniline	11.03	127	100135	43.280	ng	97
34) Hexachlorobutadiene	11.17	225	58785	41.152	ng	97
35) Caprolactam	11.80	113	20436	28.254	ng	# 82
36) 4-Chloro-3-methylphenol	12.15	107	57321	28.740	ng	93
37) 2-Methylnaphthalene	12.51	142	185603	48.819	ng	98
38) 1-Methylnaphthalene	12.74	142	175917	47.684	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	117251	42.695	ng	# 97

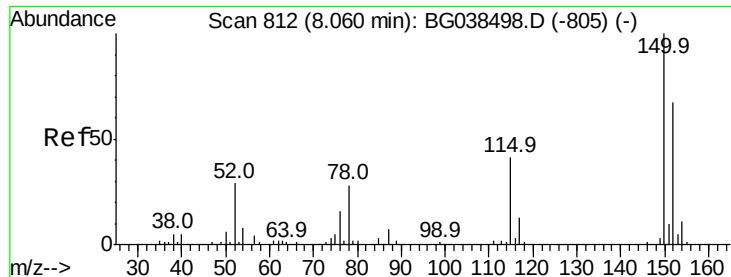
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038935.D
 Acq On : 4 Jan 2019 18:30
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.52	154	250543	40.679	ng	99
47) 2-Chloronaphthalene	13.56	162	200184	42.077	ng	97
48) 2-Nitroaniline	13.78	65	64575	42.613	ng	90
49) Acenaphthylene	14.41	152	326317	45.880	ng	99
50) Dimethylphthalate	14.13	163	275504	45.919	ng	98
51) 2,6-Dinitrotoluene	14.27	165	59300	43.614	ng	91
52) Acenaphthene	14.75	154	187703	44.135	ng	98
53) 3-Nitroaniline	14.60	138	59903	43.220	ng	92
55) Dibenzofuran	15.08	168	332480	45.606	ng	97
56) 4-Nitrophenol	15.08	139	124024	117.955	ng	# 1
57) 2,4-Dinitrotoluene	15.06	165	31613	16.508	ng	94
58) Fluorene	15.73	166	250345	46.350	ng	99
60) Diethylphthalate	15.49	149	283844	43.096	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	151143	44.850	ng	99
62) 4-Nitroaniline	15.77	138	58633	41.091	ng	97
63) Azobenzene	16.01	77	221396	40.238	ng	96
66) n-Nitrosodiphenylamine	15.94	169	244565	45.035	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	103037	45.648	ng	95
68) Hexachlorobenzene	16.73	284	106722	45.610	ng	95
69) Atrazine	16.88	200	93420	46.355	ng	98
71) Phenanthrene	17.48	178	453271	47.293	ng	98
72) Anthracene	17.57	178	459508	48.565	ng	99
73) Carbazole	17.84	167	397639	42.494	ng	99
74) Di-n-butylphthalate	18.37	149	468250	43.610	ng	99
75) Fluoranthene	19.49	202	557326	46.998	ng	97
77) Benzidine	19.67	184	382129	69.911	ng	99
78) Pyrene	19.85	202	559764	45.845	ng	99
80) Butylbenzylphthalate	20.71	149	194481	40.770	ng	94
81) Benzo(a)anthracene	21.70	228	544755	48.371	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	197680	44.257	ng	99
83) Chrysene	21.76	228	514818	47.459	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	293425	43.371	ng	98
85) Di-n-octyl phthalate	22.78	149	490701	43.308	ng	97
86) Indeno(1,2,3-cd)pyrene	28.79	276	621228	48.712	ng	# 59
88) Benzo(b)fluoranthene	23.95	252	553258	50.313	ng	98
89) Benzo(k)fluoranthene	24.02	252	534465	48.809	ng	98
90) Benzo(a)pyrene	24.85	252	531936	50.142	ng	# 97
91) Dibenzo(a,h)anthracene	28.84	278	504588	47.771	ng	99
92) Benzo(g,h,i)perylene	29.98	276	505990	48.608	ng	96

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

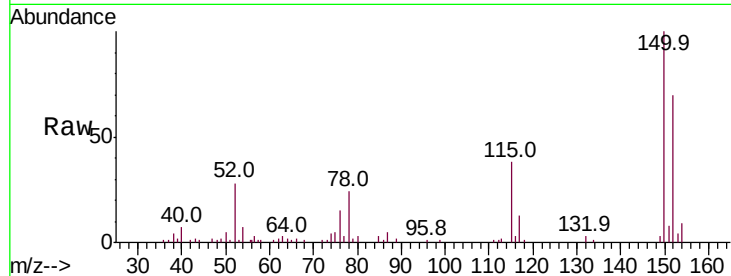


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	119.5	179.3
115	54.7	49.6	74.4

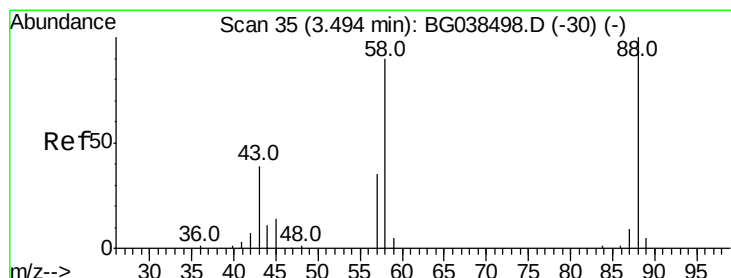
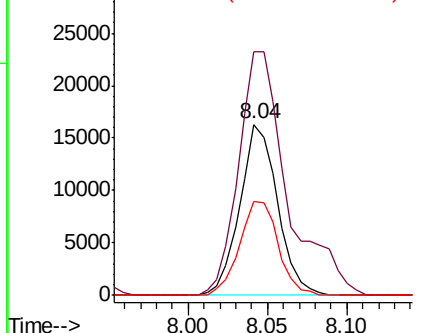
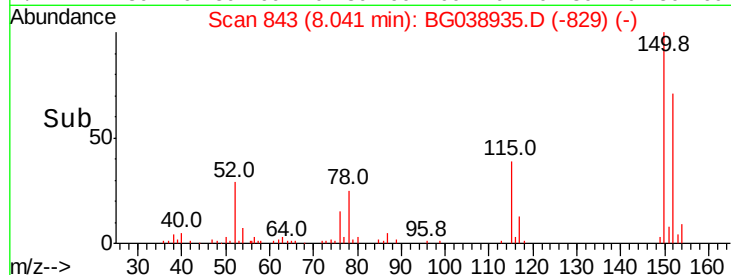


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

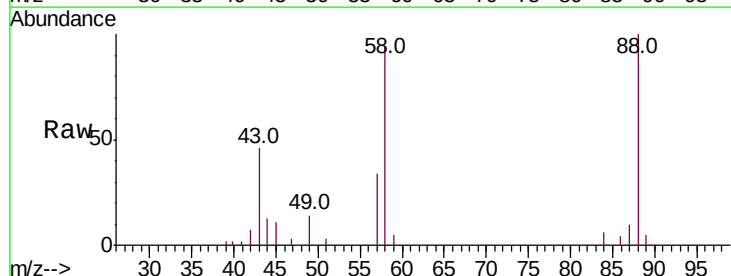
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.497 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	75.7	113.5
43	46.2	31.6	47.4

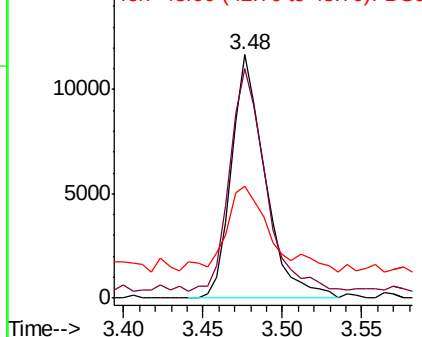
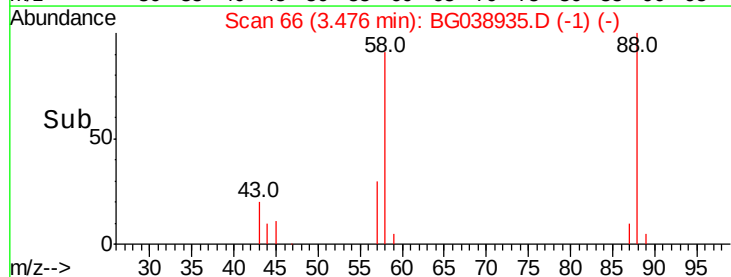


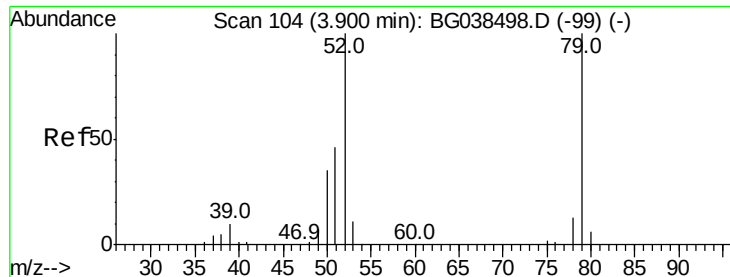
Abundance

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: 22.456 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

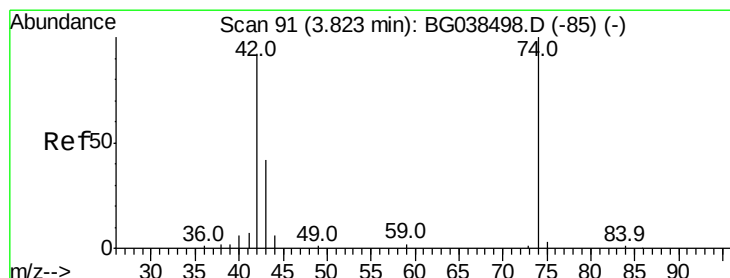
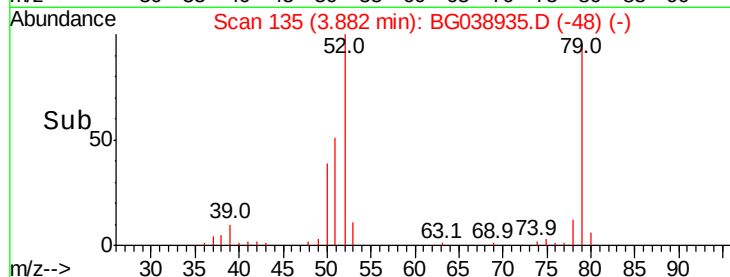
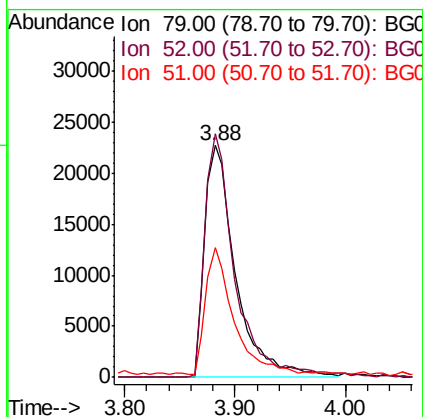
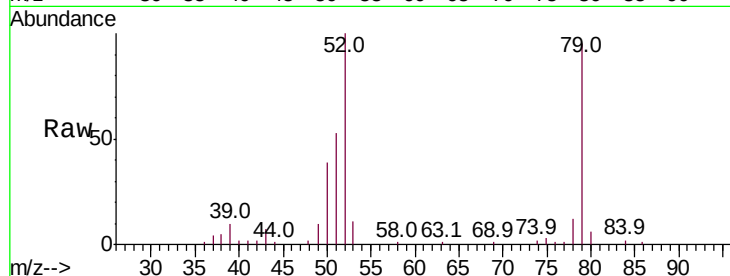
Tot Ion: 79 Resp: 43620

Ion Ratio Lower Upper

79 100

52 105.1 80.2 120.2

51 56.1 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 35.895 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

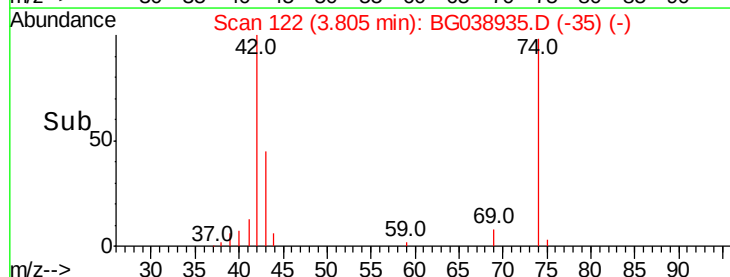
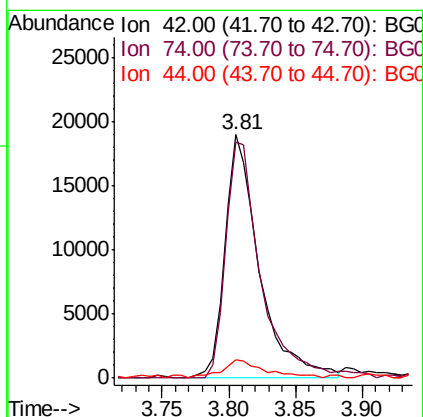
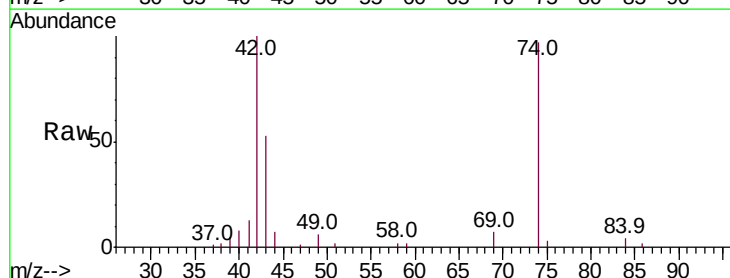
Tgt Ion: 42 Resp: 34164

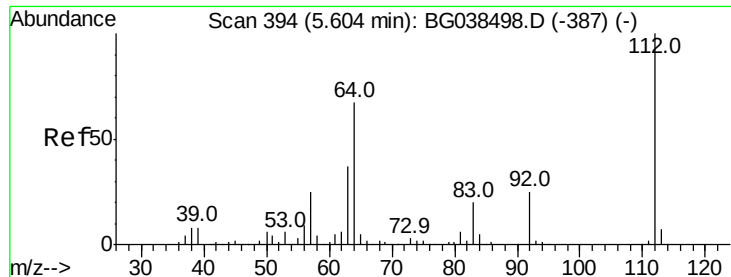
Ion Ratio Lower Upper

42 100

74 97.0 86.7 130.1

44 7.3 7.8 11.8#





#5

2-Fluorophenol

Concen: 56.946 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

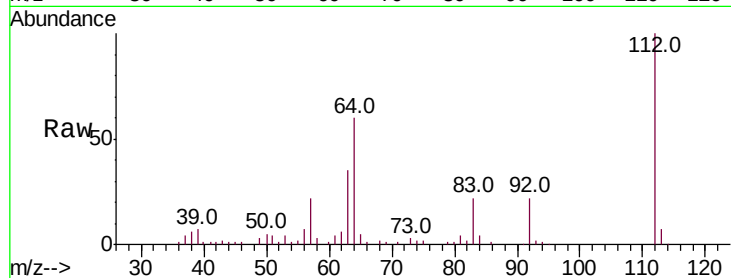
Tot Ion:112 Resp: 86325

Ion Ratio Lower Upper

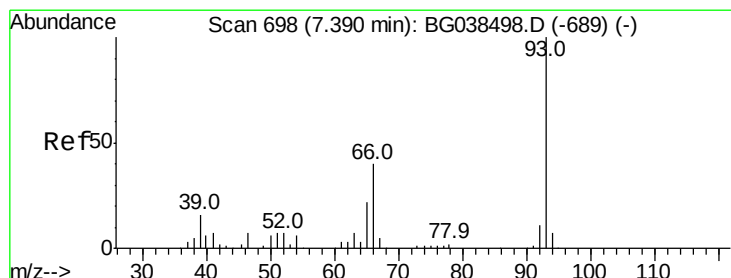
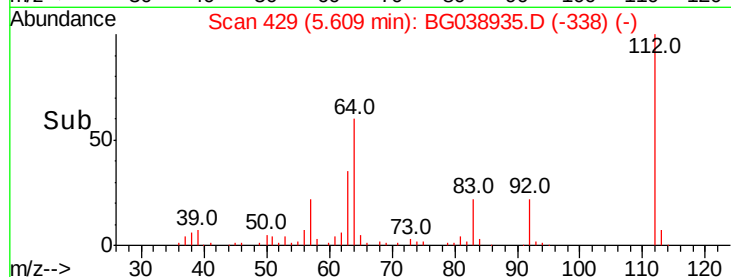
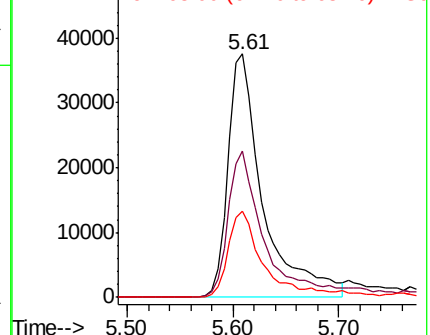
112 100

64 59.9 53.4 80.2

63 35.2 29.3 43.9



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



#6

Aniline

Concen: 35.346 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

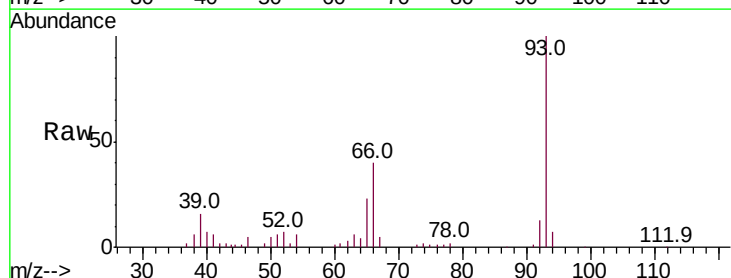
Tgt Ion: 93 Resp: 93900

Ion Ratio Lower Upper

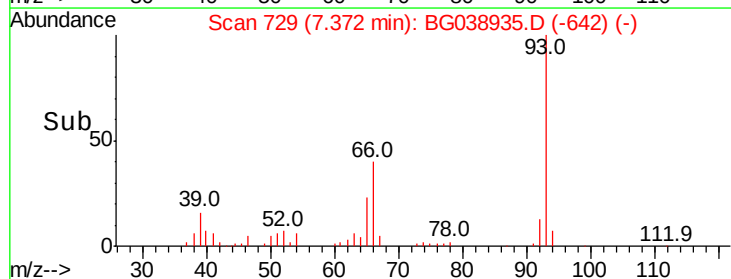
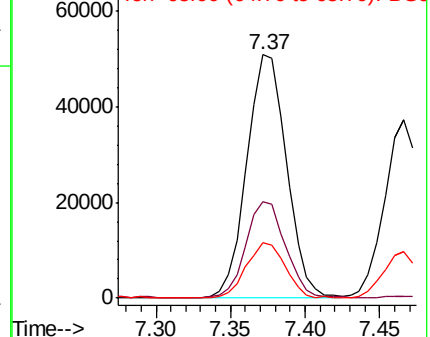
93 100

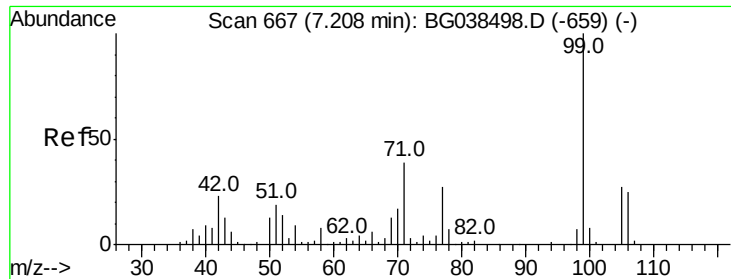
66 39.7 31.7 47.5

65 22.8 17.8 26.6



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





#7

Phenol-d6

Concen: 112.635 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

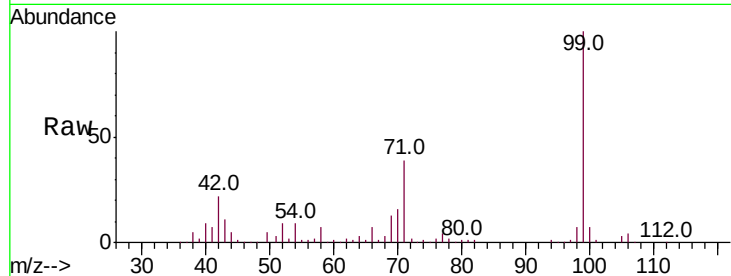
Tot Ion: 99 Resp: 234399

Ion Ratio Lower Upper

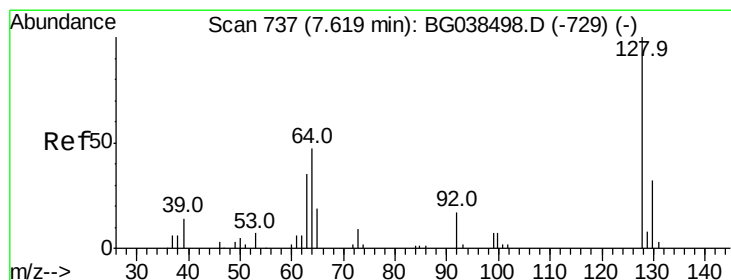
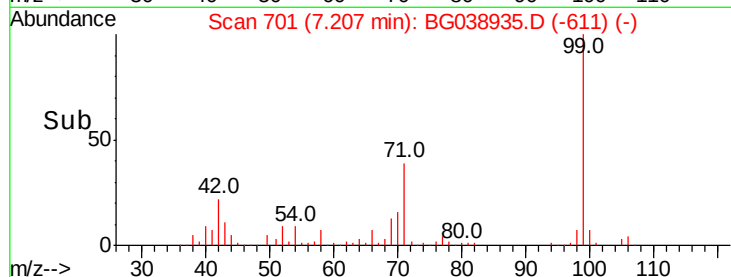
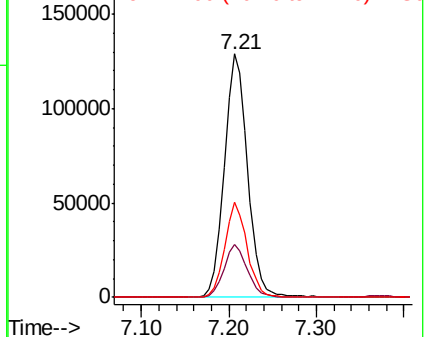
99 100

42 21.8 18.5 27.7

71 38.9 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: 22.461 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

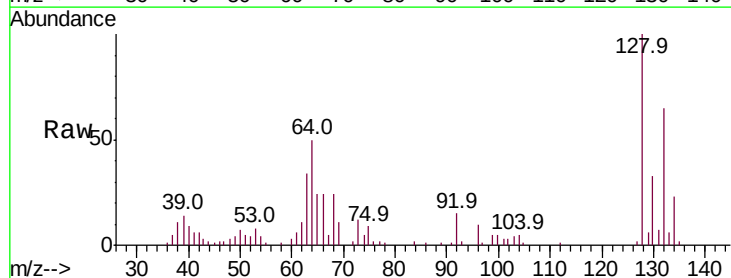
Tgt Ion:128 Resp: 39402

Ion Ratio Lower Upper

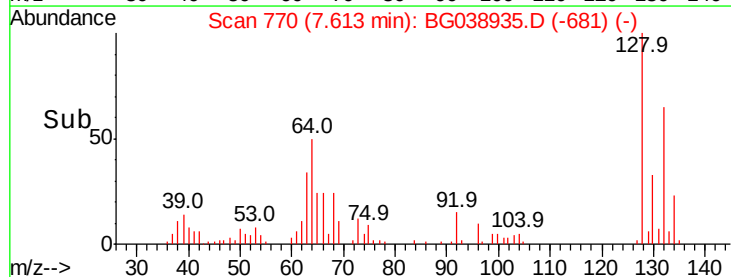
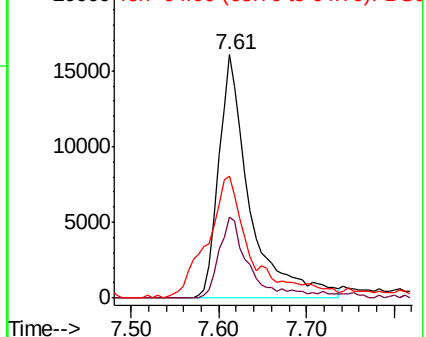
128 100

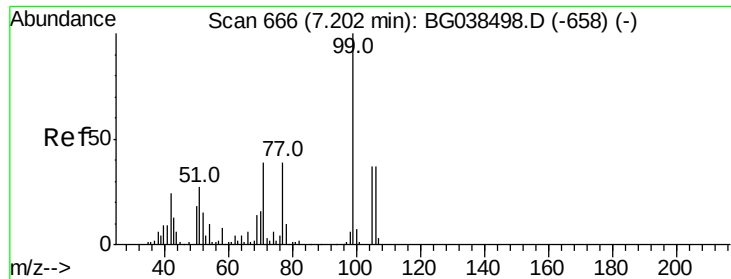
130 33.1 11.8 51.8

64 50.3 33.2 73.2



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





#9

Benzaldehyde

Concen: 19.445 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampled :

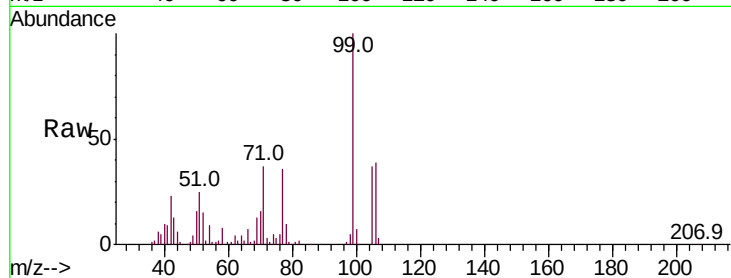
Tot Ion: 77 Resp: 26251

Ion Ratio Lower Upper

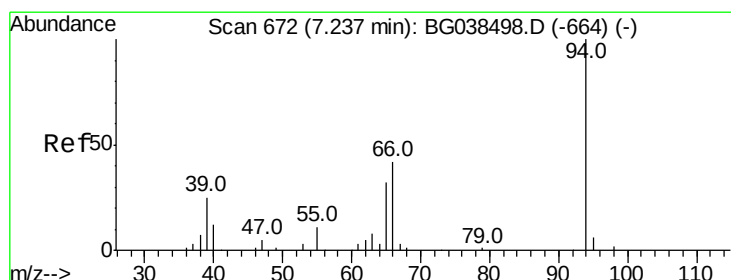
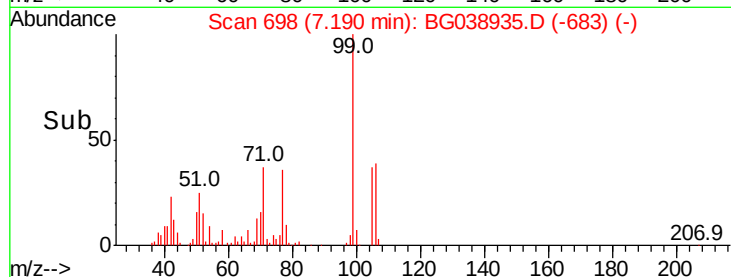
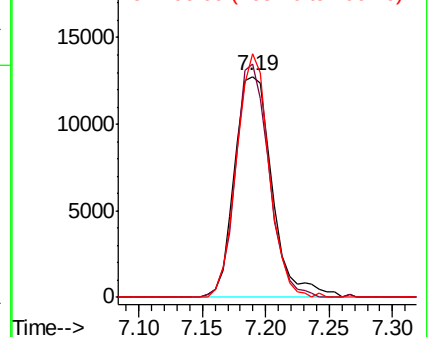
77 100

105 105.5 74.0 114.0

106 110.1 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: 35.585 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

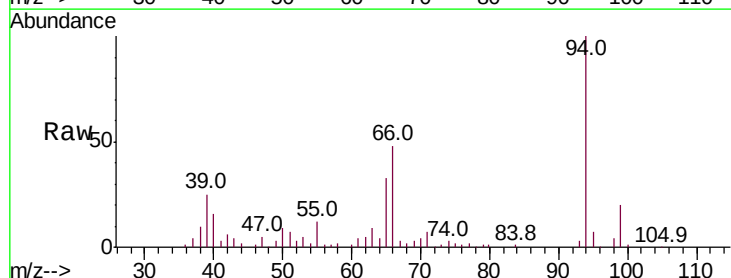
Tgt Ion: 94 Resp: 78676

Ion Ratio Lower Upper

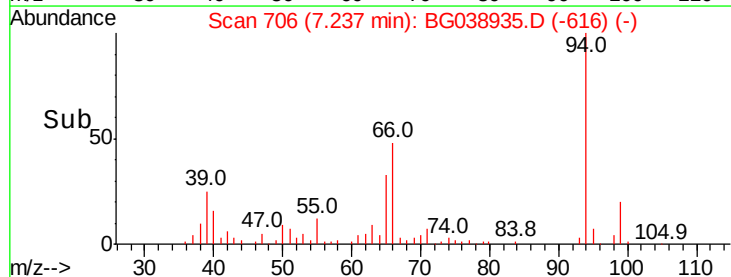
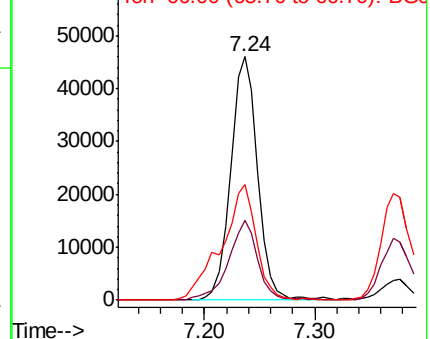
94 100

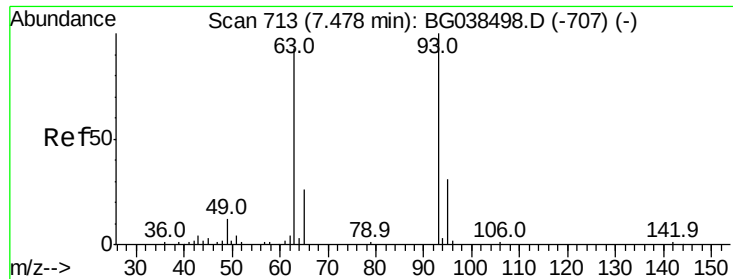
65 33.0 12.6 52.6

66 47.6 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: 34.788 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

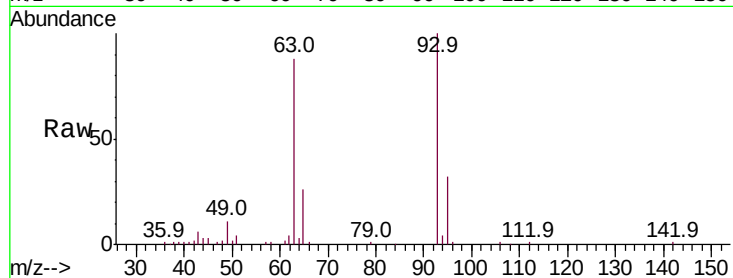
Tot Ion: 93 Resp: 61236

Ion Ratio Lower Upper

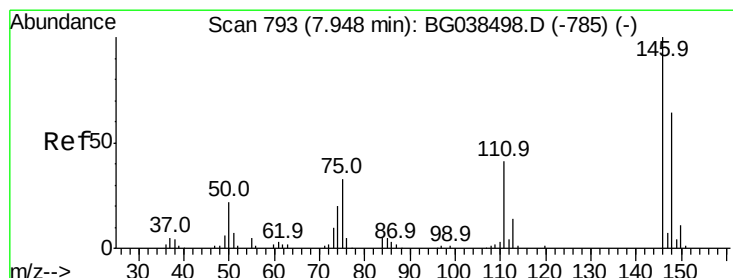
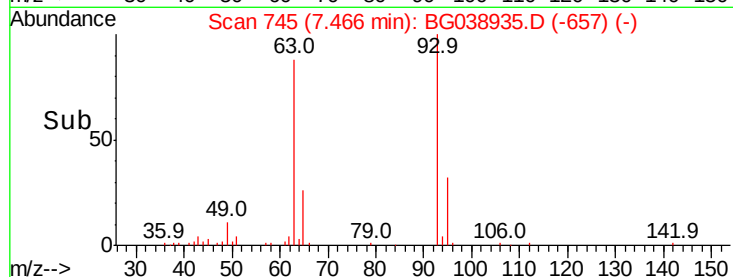
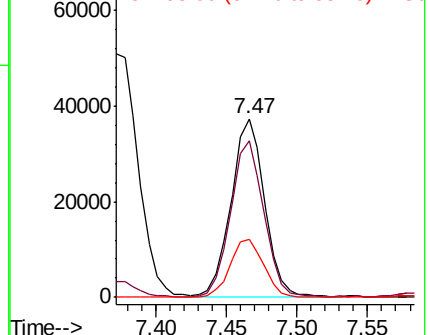
93 100

63 88.0 72.2 112.2

95 32.3 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 35.322 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

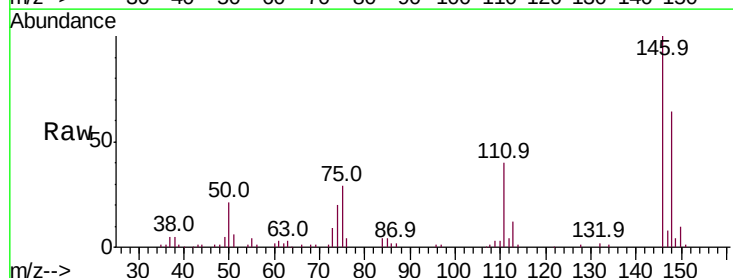
Tgt Ion: 146 Resp: 73264

Ion Ratio Lower Upper

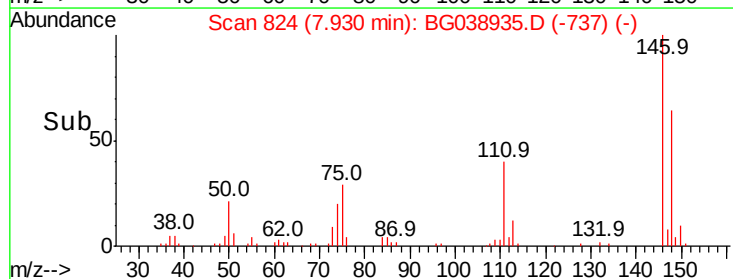
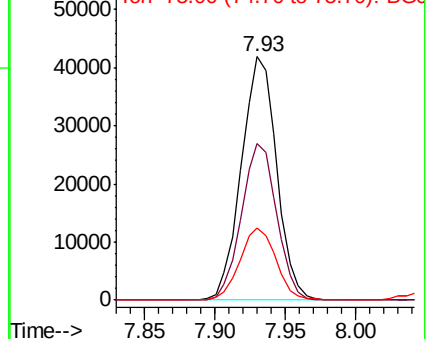
146 100

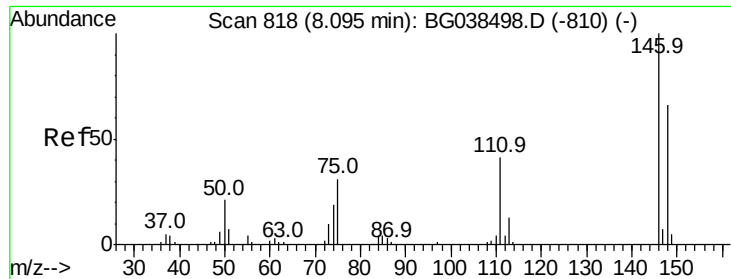
148 64.4 51.4 77.0

75 29.5 26.1 39.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

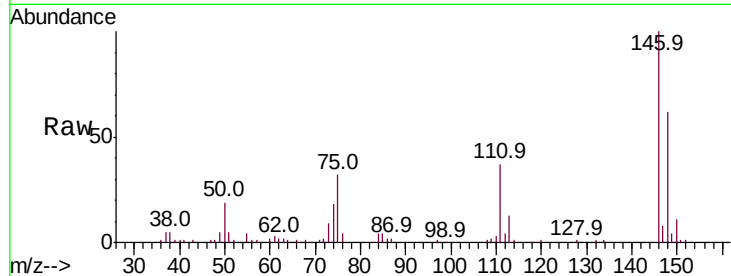




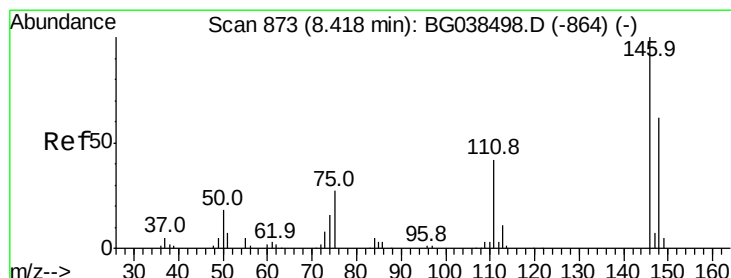
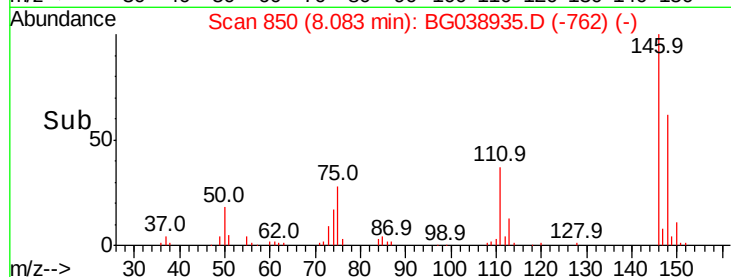
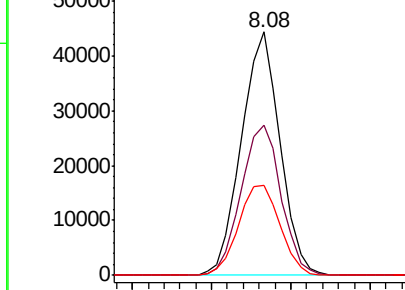
#13
 1,4-Dichlorobenzene
 Concen: 35.355 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 75105
 Ion Ratio Lower Upper
 146 100
 148 61.9 52.4 78.6
 111 36.9 33.0 49.4

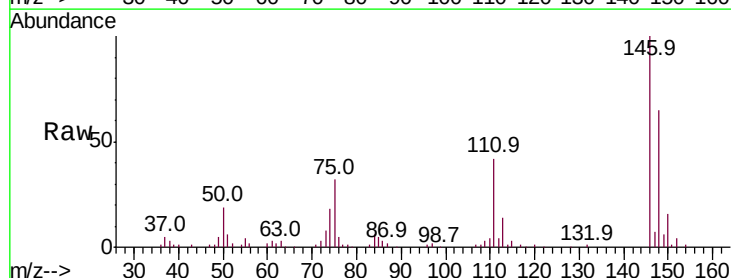


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

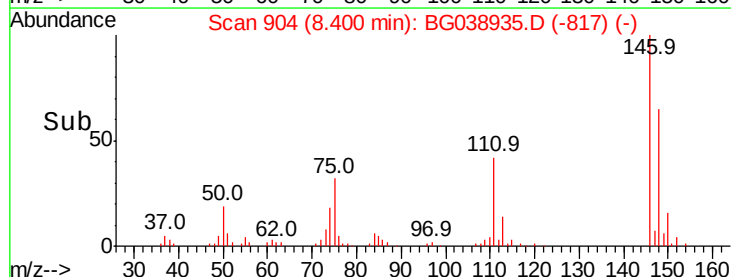
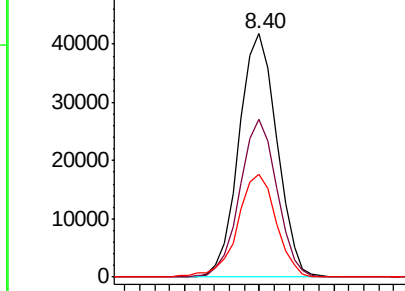


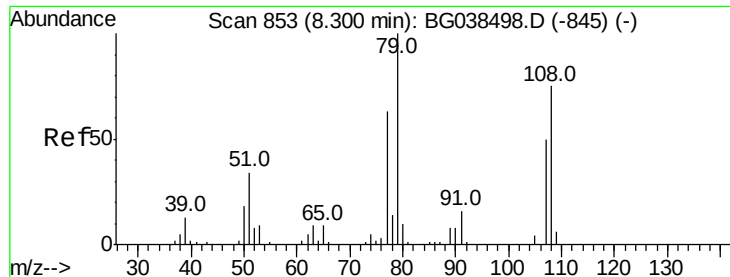
#14
 1,2-Dichlorobenzene
 Concen: 36.853 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion:146 Resp: 73805
 Ion Ratio Lower Upper
 146 100
 148 64.6 49.4 74.0
 111 42.2 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: 43.067 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

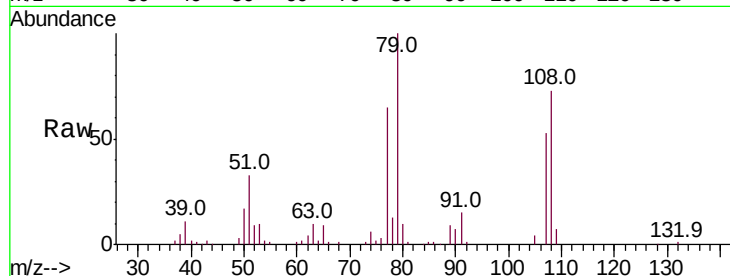
Tot Ion: 79 Resp: 69955

Ion Ratio Lower Upper

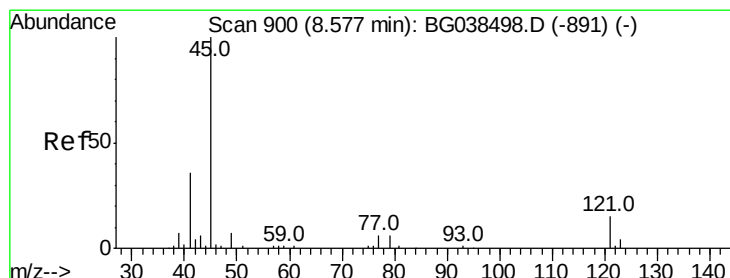
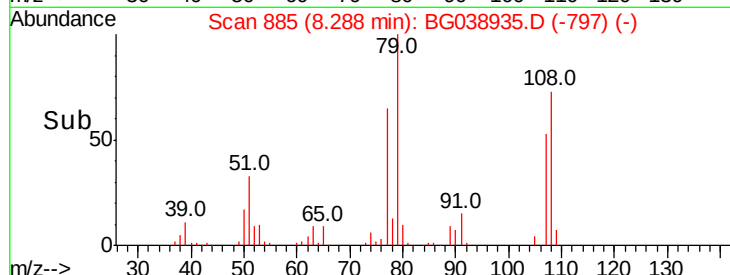
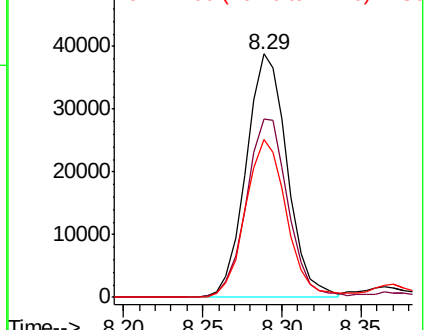
79 100

108 73.4 60.2 90.4

77 64.6 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: 31.558 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

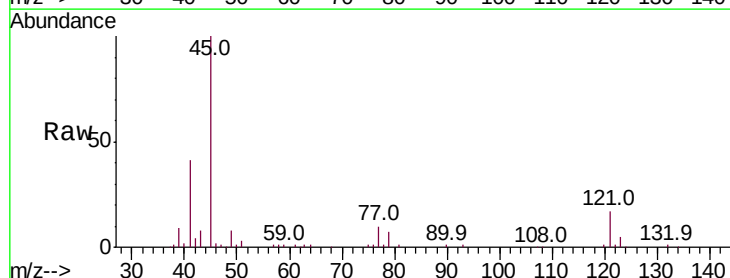
Tgt Ion: 45 Resp: 127248

Ion Ratio Lower Upper

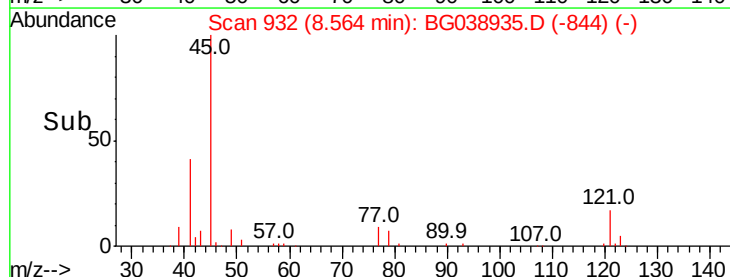
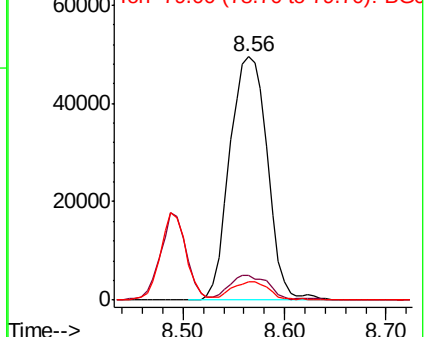
45 100

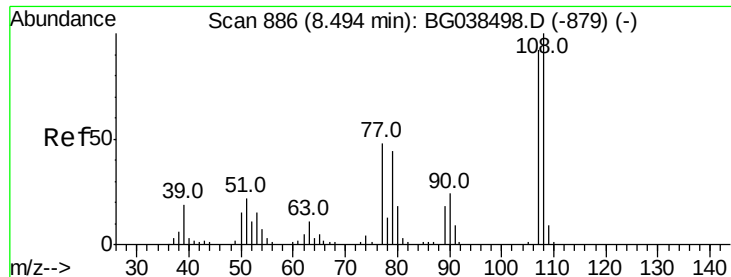
77 10.0 0.0 28.2

79 7.5 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

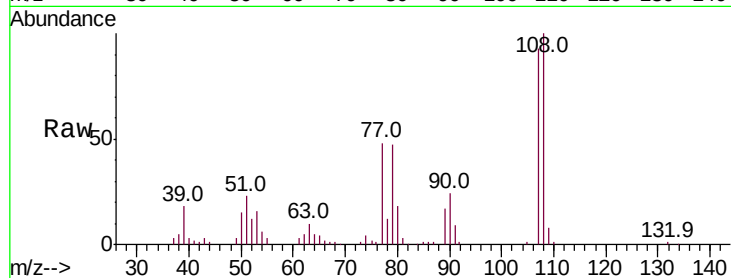




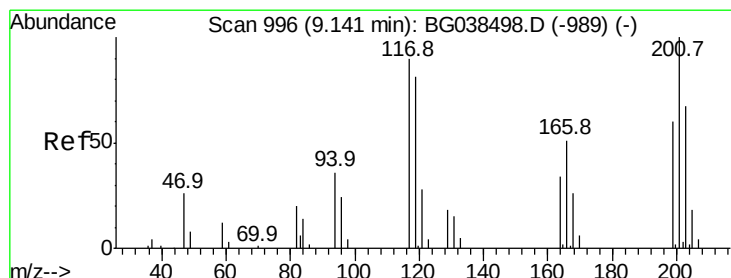
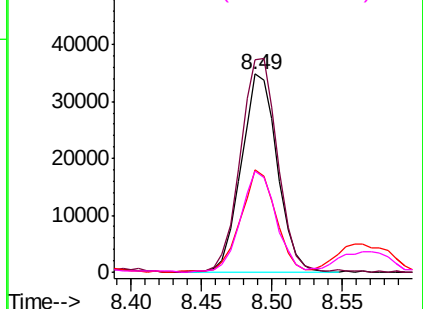
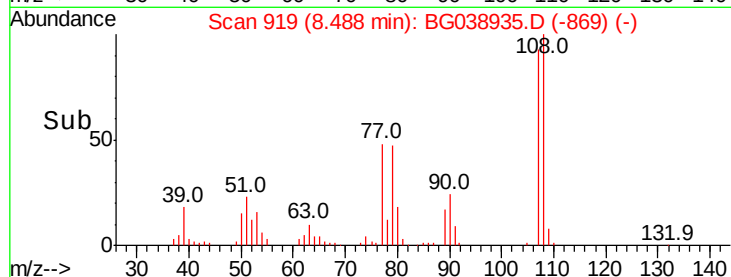
#17
2-Methylphenol
Concen: 41.993 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 62204
Ion Ratio Lower Upper
107 100
108 107.5 87.1 130.7
77 51.4 42.0 63.0
79 50.8 38.2 57.2

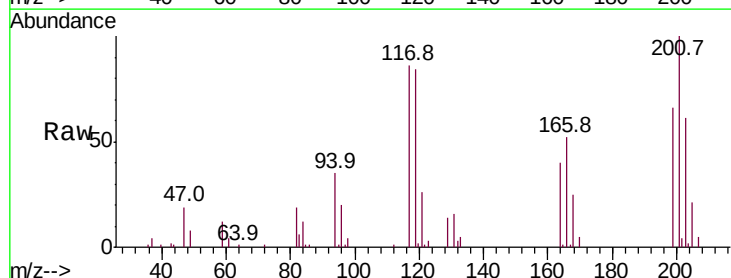


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

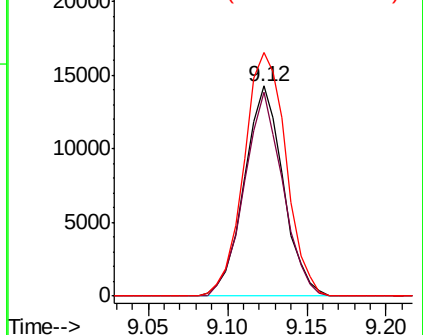
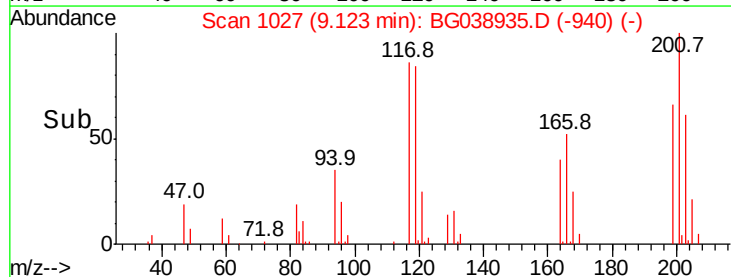


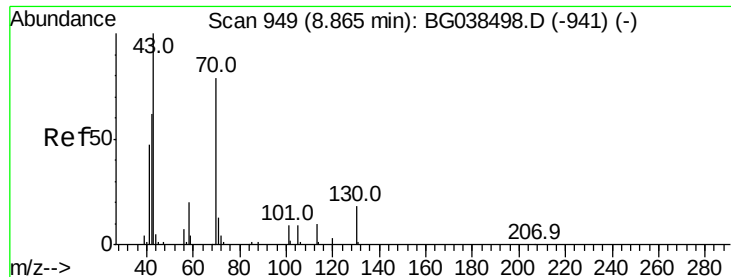
#18
Hexachloroethane
Concen: 31.381 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion:117 Resp: 24360
Ion Ratio Lower Upper
117 100
119 97.3 73.8 110.8
201 120.3 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

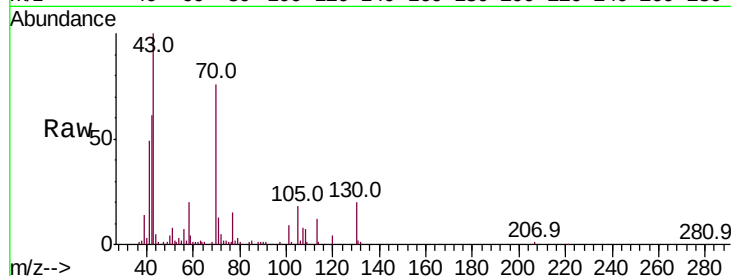




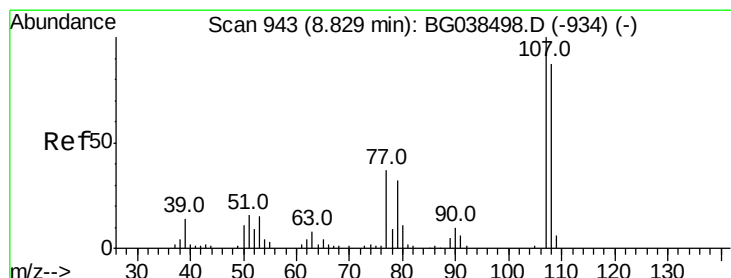
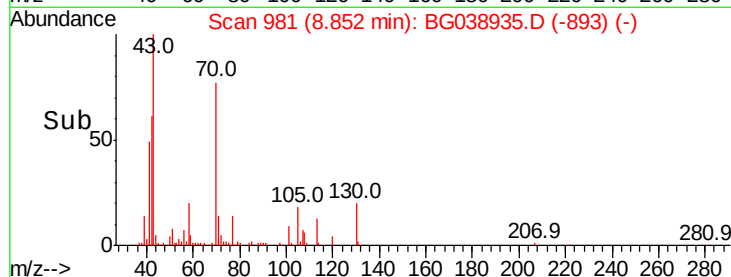
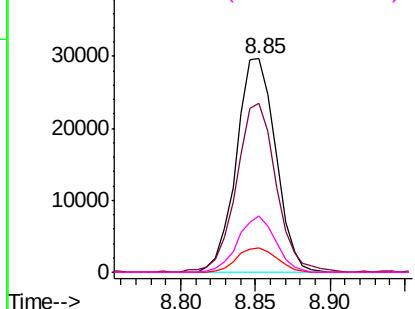
#19
n-Nitroso-di-n-propylamine
Concen: 37.114 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	54246
Ion	Ratio	Lower	Upper
70	100		
42	79.3	63.6	95.4
101	11.3	9.2	13.8
130	26.2	18.5	27.7

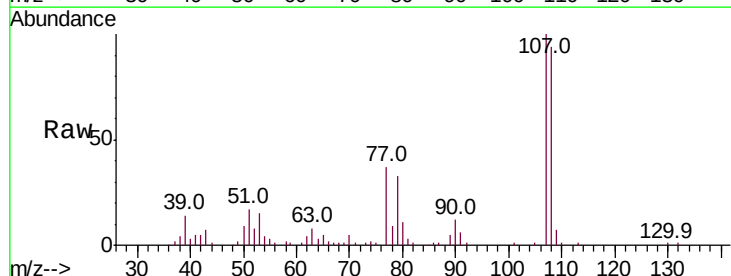


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

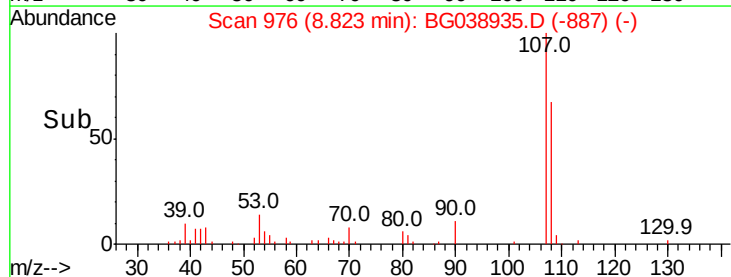
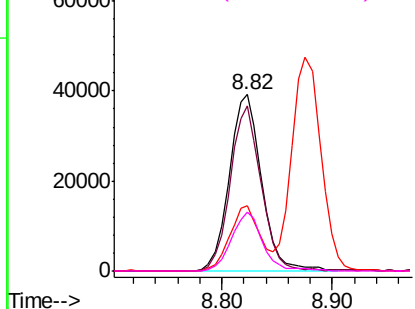


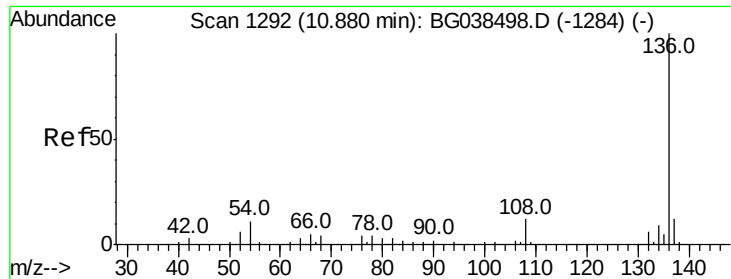
#20
3+4-Methylphenols
Concen: 39.191 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion:	107	Resp:	80173
Ion	Ratio	Lower	Upper
107	100		
108	93.9	66.7	106.7
77	37.0	17.3	57.3
79	33.4	12.3	52.3



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

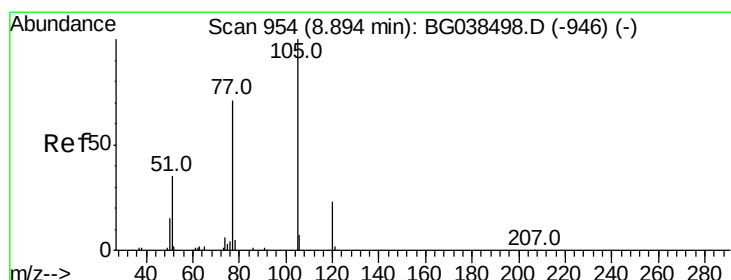
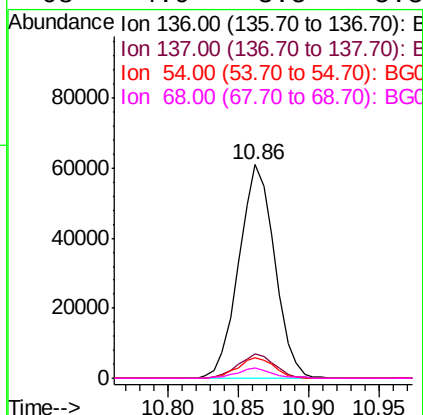
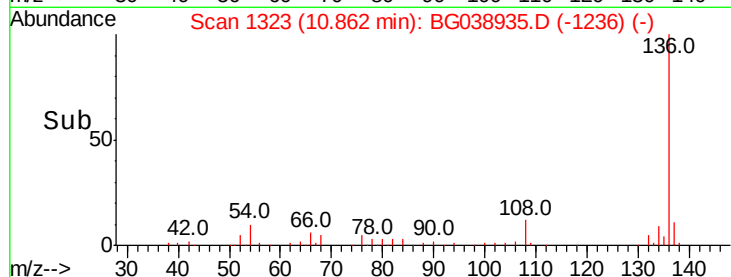
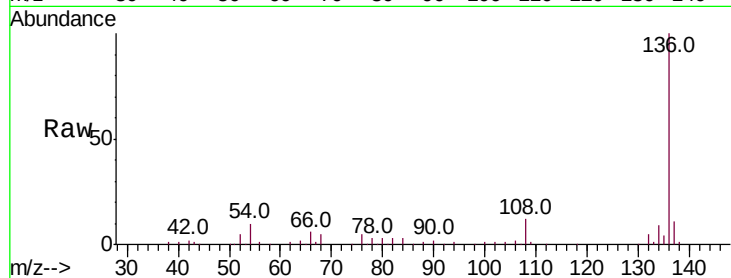




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

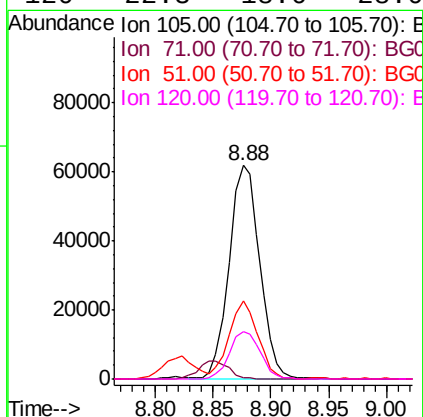
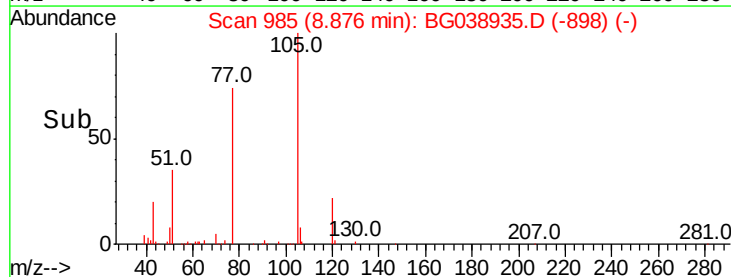
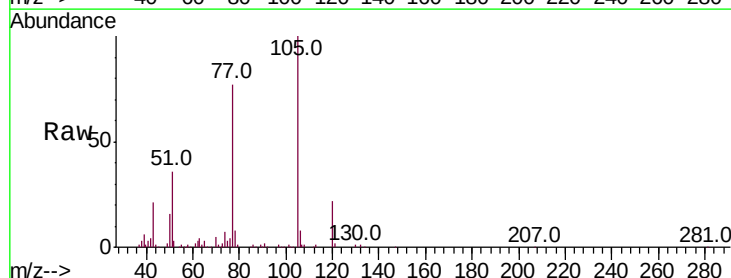
Instrument :
BNA_G
ClientSampleId :

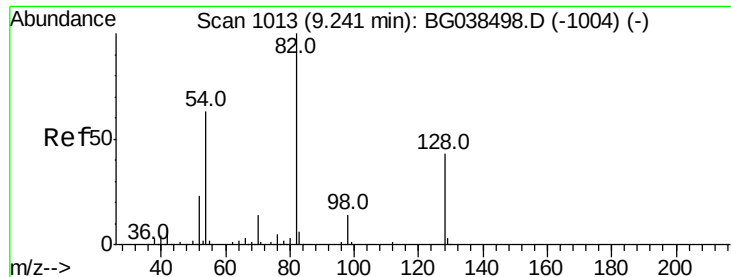
Tot Ion:136	Resp:	108160
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.3 13.9
54	9.7	8.5 12.7
68	4.9	3.5 5.3



#22
Acetophenone
Concen: 42.033 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion:105	Resp:	113558
Ion	Ratio	Lower Upper
105	100	
71	0.7	0.4 0.6#
51	36.4	30.6 46.0
120	22.3	18.6 28.0

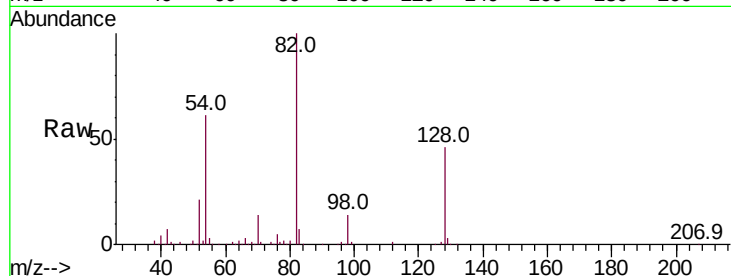




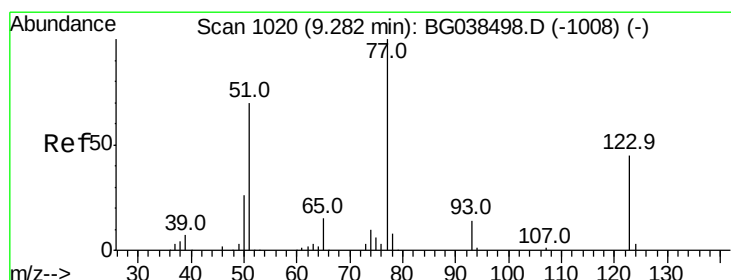
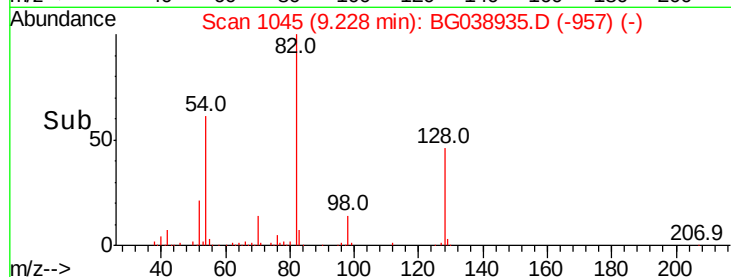
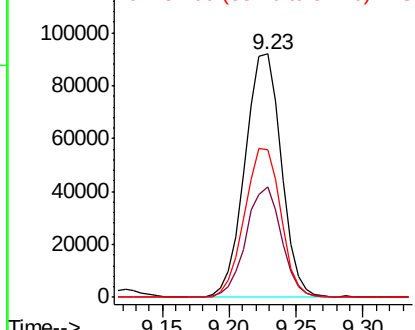
#23
 Nitrobenzene-d5
 Concen: 81.873 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 173338
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 52.0
 54 60.8 50.6 76.0

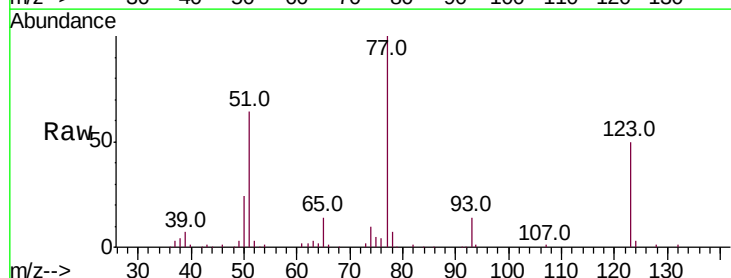


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

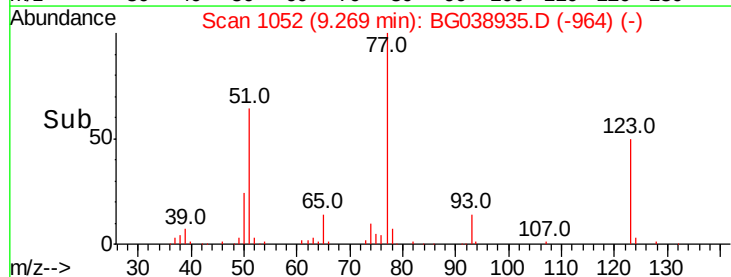
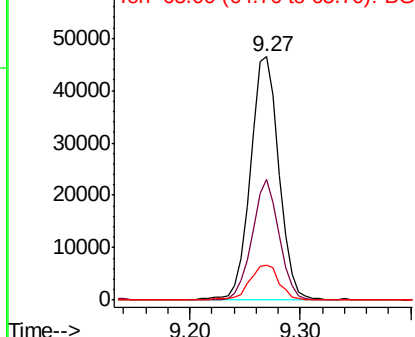


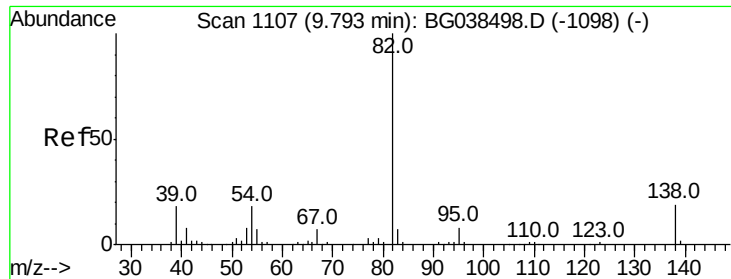
#24
 Nitrobenzene
 Concen: 39.463 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion: 77 Resp: 84521
 Ion Ratio Lower Upper
 77 100
 123 49.5 35.9 53.9
 65 14.1 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: 43.599 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

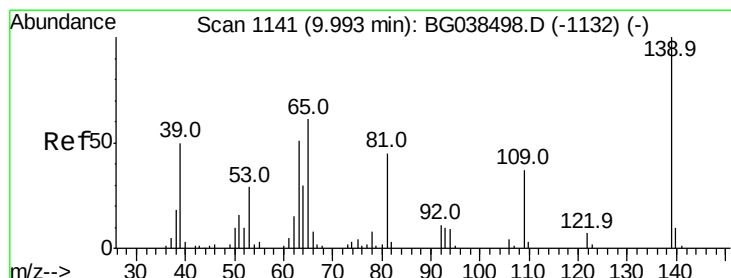
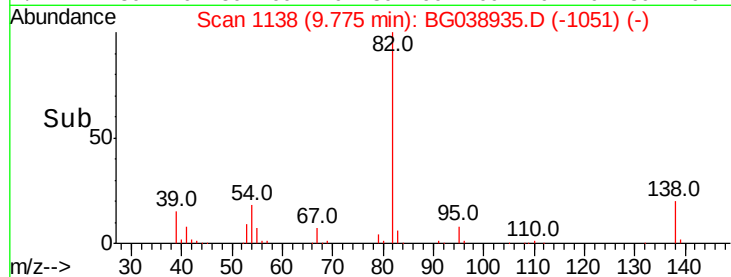
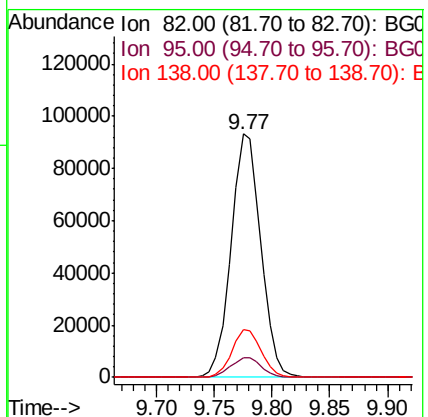
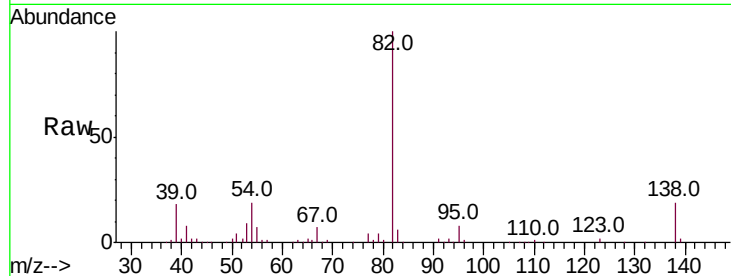
Tot Ion: 82 Resp: 165847

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 2.848 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.22 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

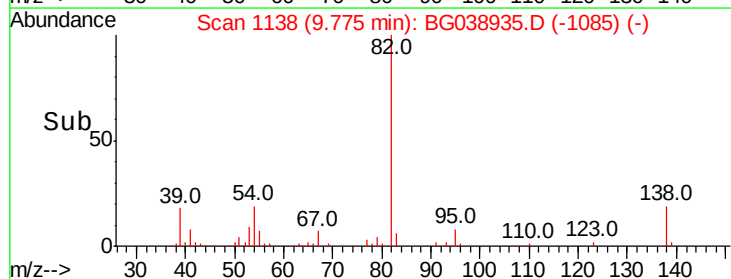
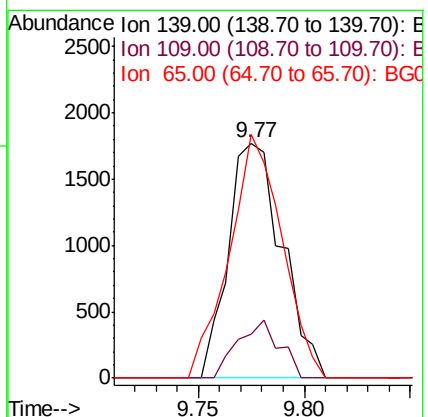
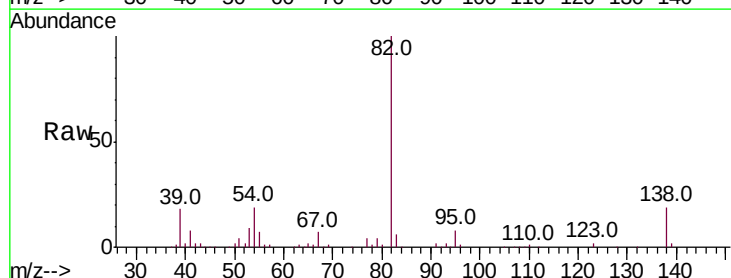
Tgt Ion:139 Resp: 3122

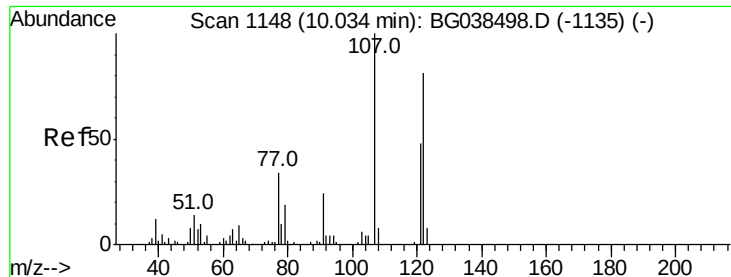
Ion Ratio Lower Upper

139 100

109 18.6 29.5 44.3#

65 103.5 48.5 72.7#

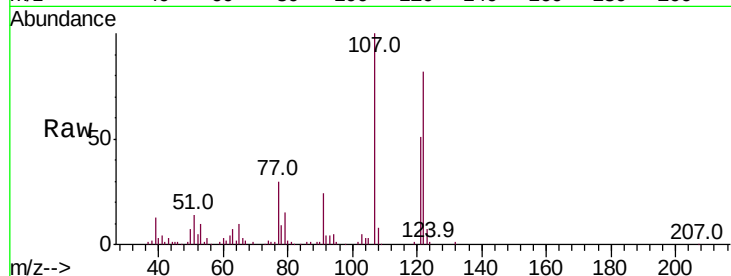




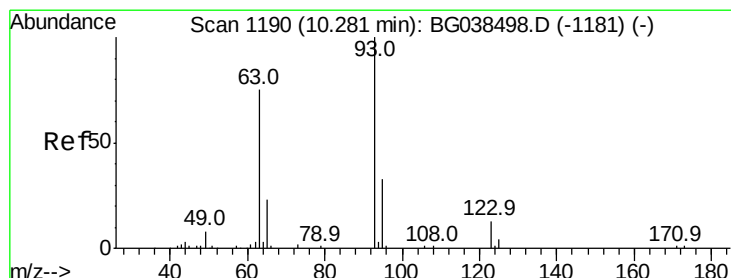
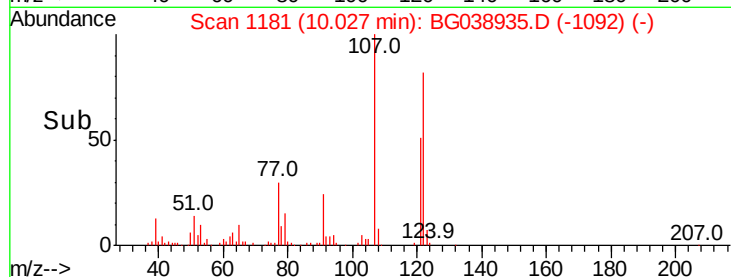
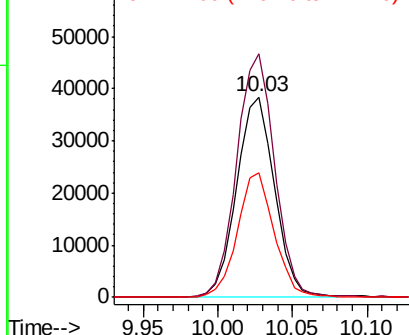
#27
2,4-Dimethylphenol
Concen: 43.187 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 67848
Ion Ratio Lower Upper
122 100
107 121.4 98.4 147.6
121 61.9 47.2 70.8

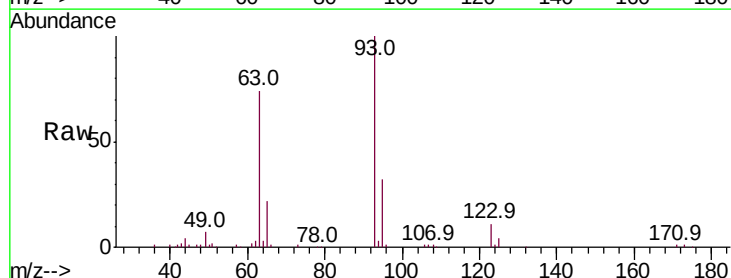


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

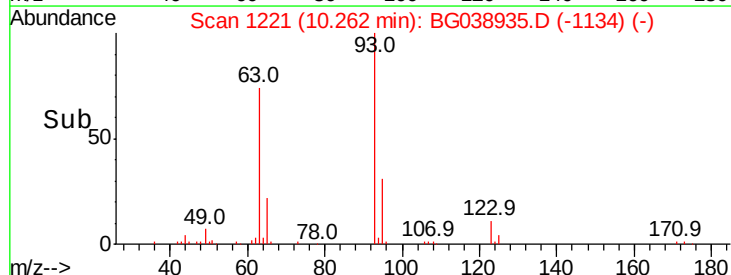
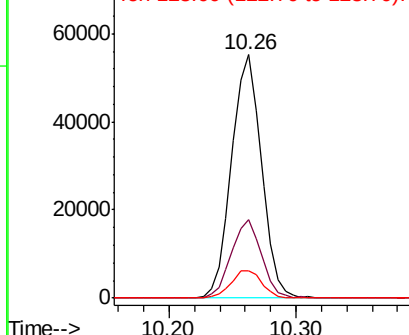


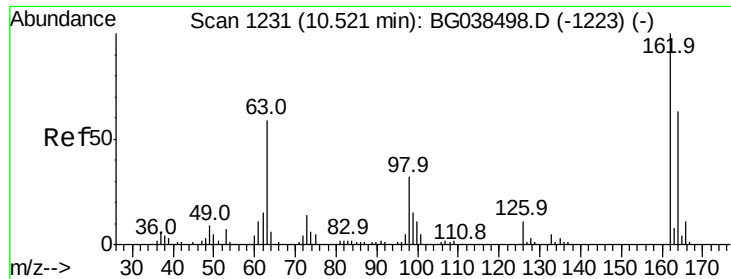
#28
bis(2-Chloroethoxy)methane
Concen: 42.038 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion: 93 Resp: 90242
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 11.3 10.6 16.0



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

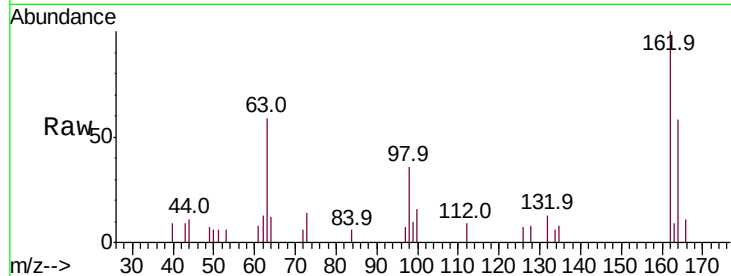




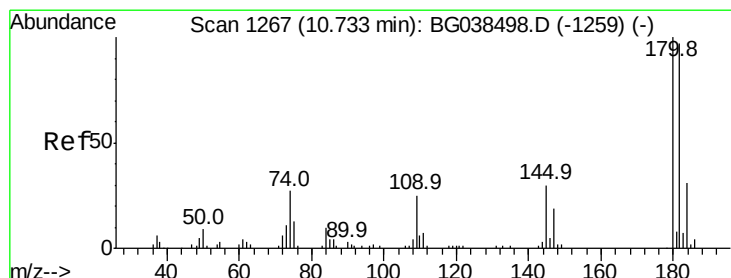
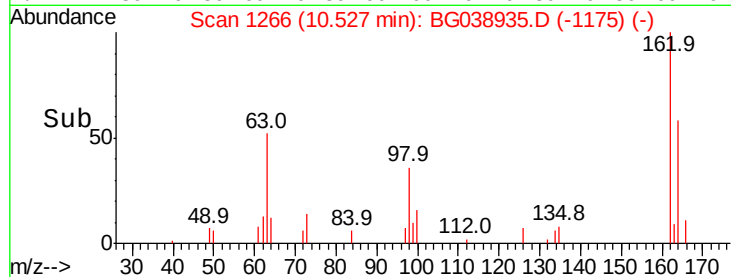
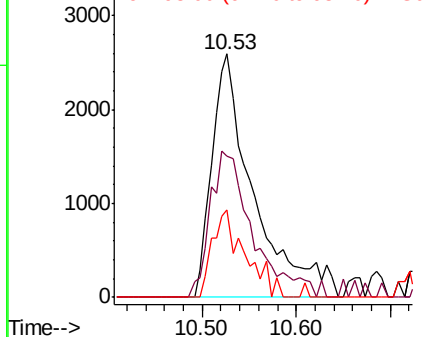
#29
 2,4-Dichlorophenol
 Concen: 4.593 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 8027
 Ion Ratio Lower Upper
 162 100
 164 58.1 42.9 82.9
 98 35.7 12.1 52.1

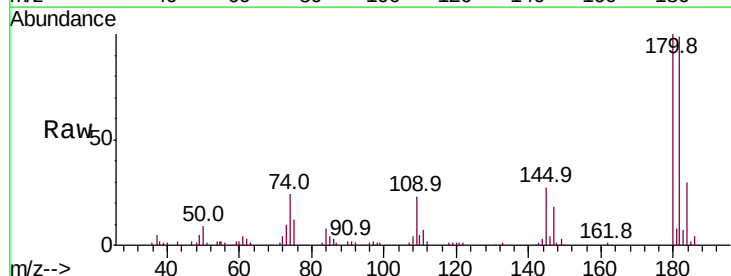


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

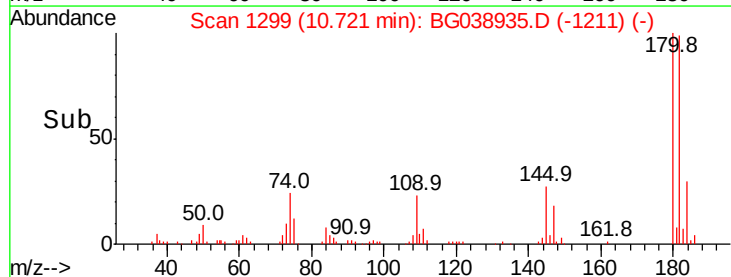
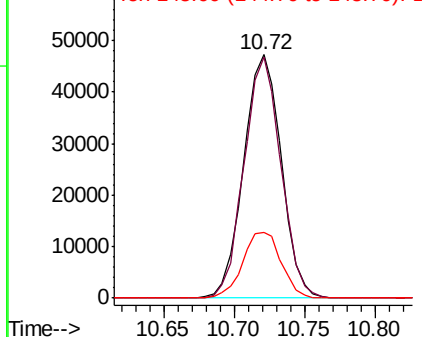


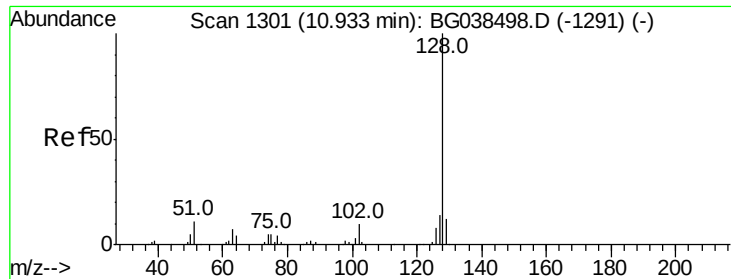
#30
 1,2,4-Trichlorobenzene
 Concen: 41.885 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion:180 Resp: 88425
 Ion Ratio Lower Upper
 180 100
 182 98.8 77.4 116.0
 145 26.8 24.1 36.1



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

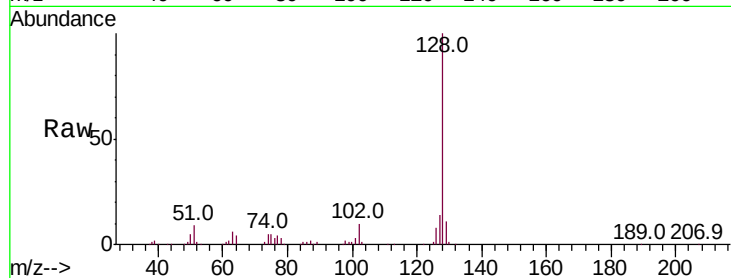




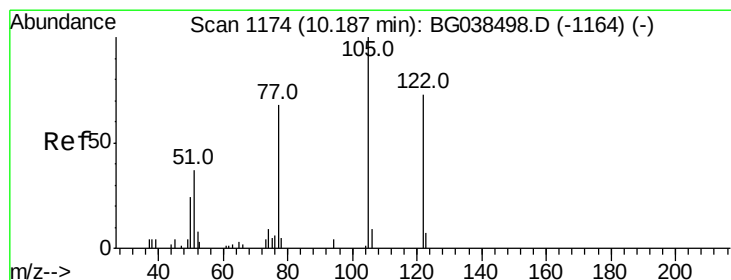
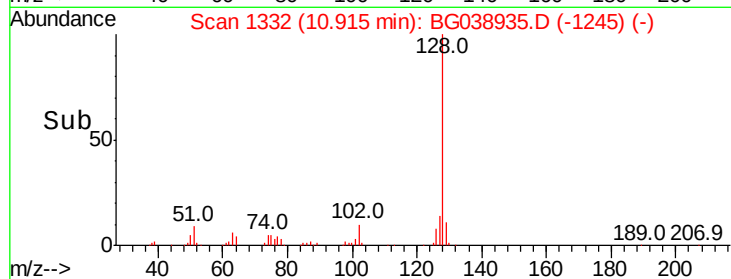
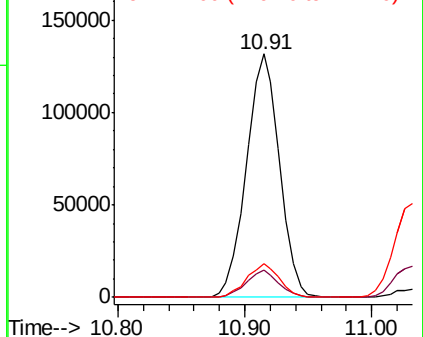
#31
Naphthalene
Concen: 44.725 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 238346
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.7 10.9 16.3

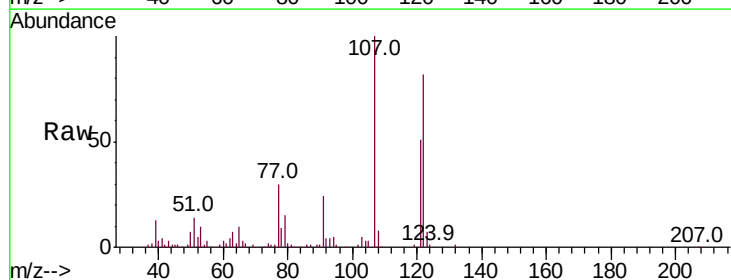


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

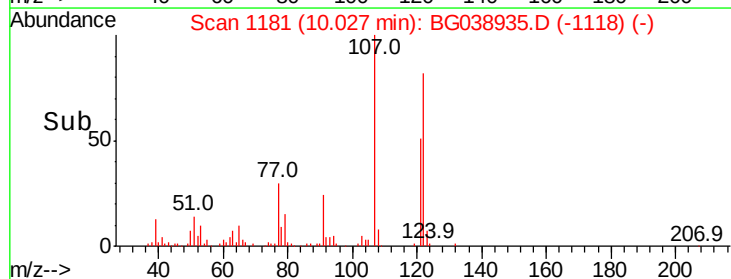
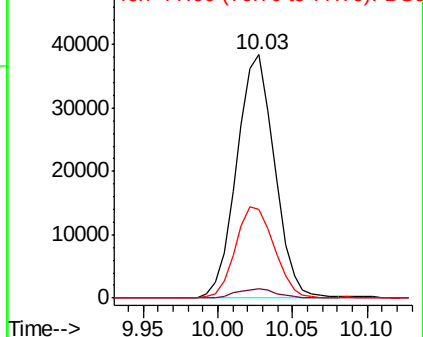


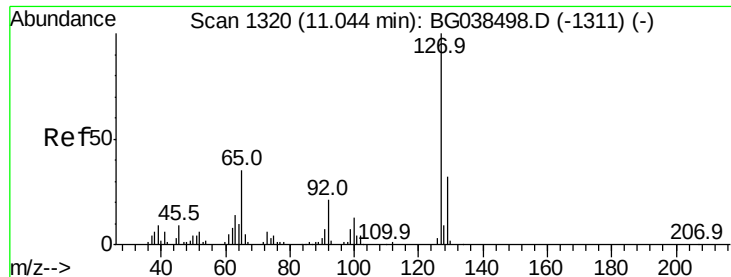
#32
Benzoic acid
Concen: 63.758 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.16 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion:122 Resp: 67848
Ion Ratio Lower Upper
122 100
105 3.8 116.7 156.7#
77 36.4 72.5 112.5#



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





#33

4-Chloroaniline

Concen: 43.280 ng

RT: 11.03 min Scan# 1352

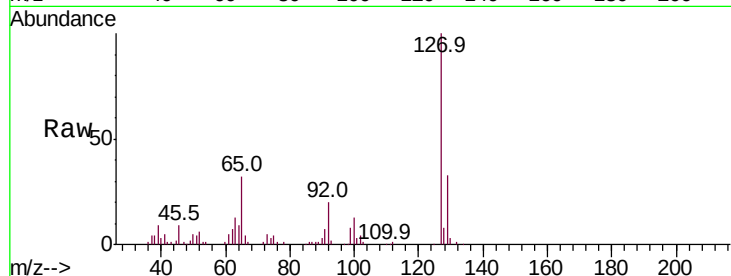
Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	100135
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	32.5	27.8	41.6
92	20.0	17.0	25.6



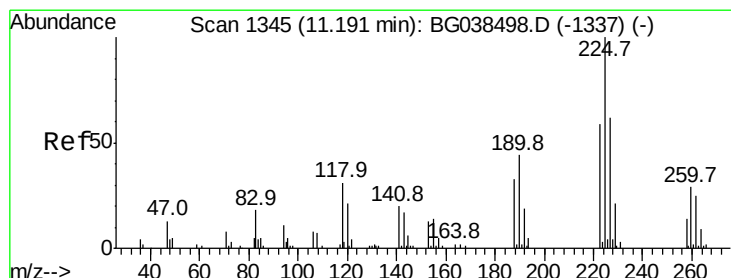
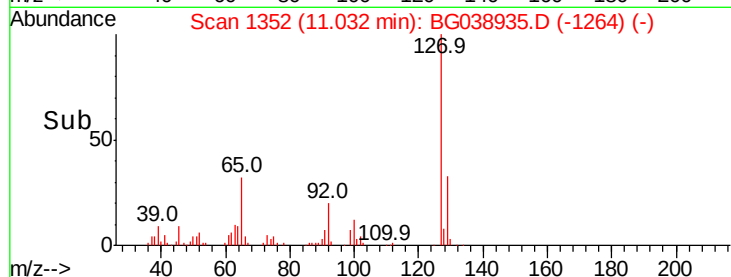
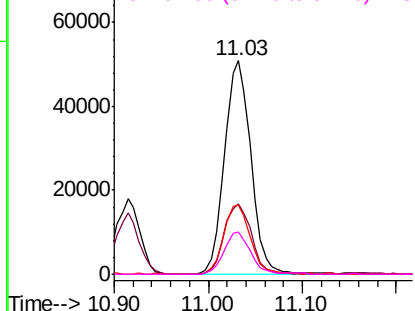
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34

Hexachlorobutadiene

Concen: 41.152 ng

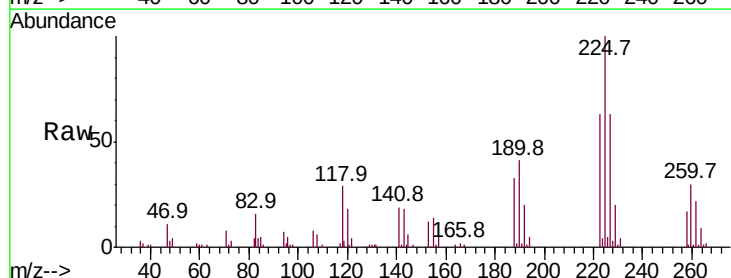
RT: 11.17 min Scan# 1376

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Tgt Ion:	225	Resp:	58785
Ion	Ratio	Lower	Upper
225	100		
223	60.2	45.0	67.6
227	63.7	50.6	75.8

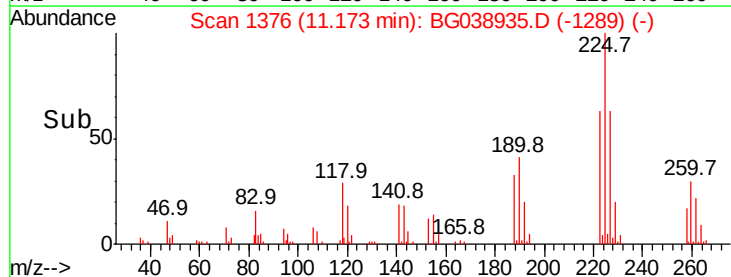
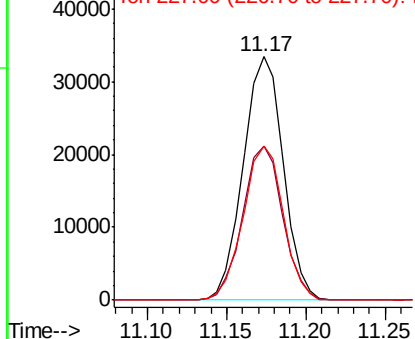


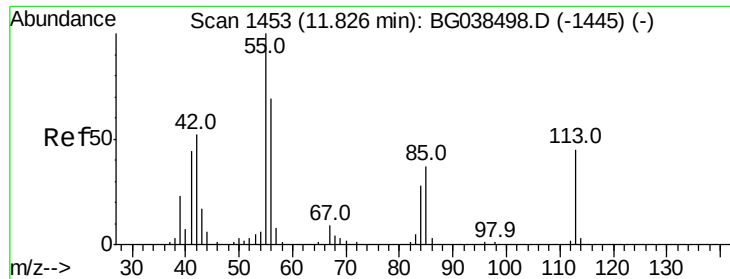
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.254 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampled :

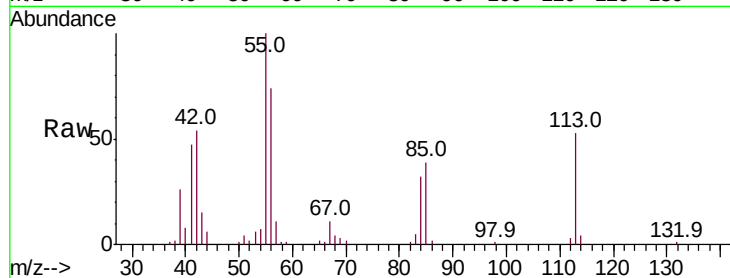
Tot Ion:113 Resp: 20436

Ion Ratio Lower Upper

113 100

55 189.2 204.3 244.3#

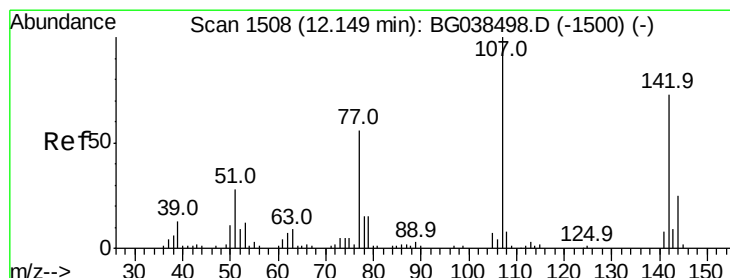
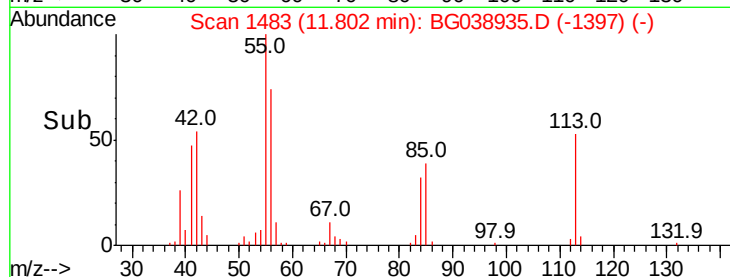
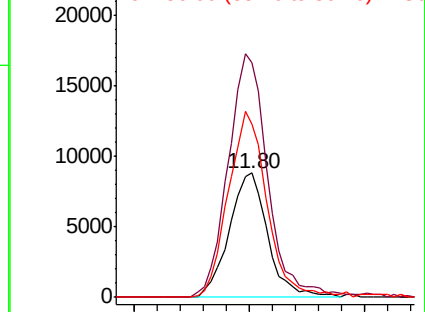
56 139.4 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 28.740 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

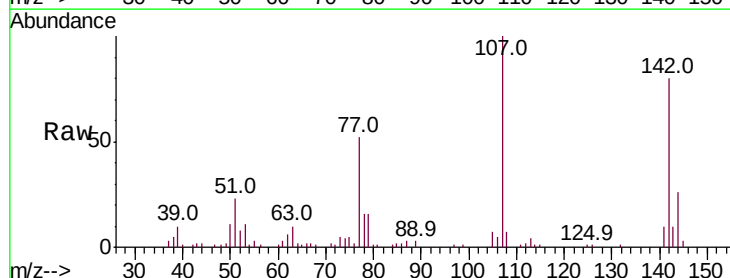
Tgt Ion:107 Resp: 57321

Ion Ratio Lower Upper

107 100

144 26.4 20.1 30.1

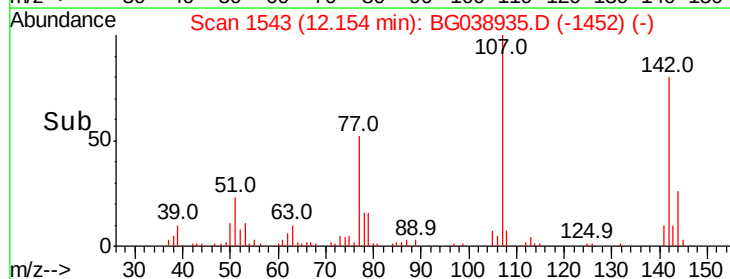
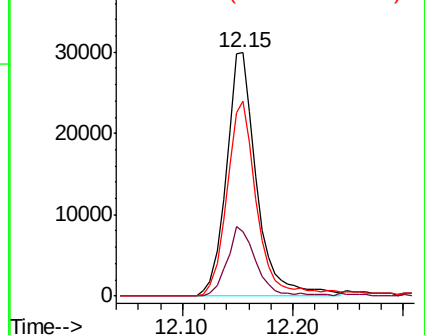
142 80.2 58.7 88.1

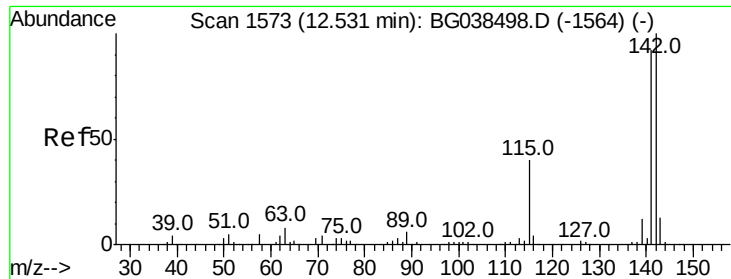


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.819 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.02 min

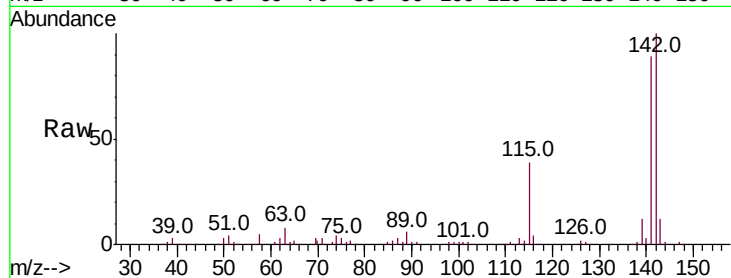
Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 185603

Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.5	110.3
115	39.1	31.7	47.5

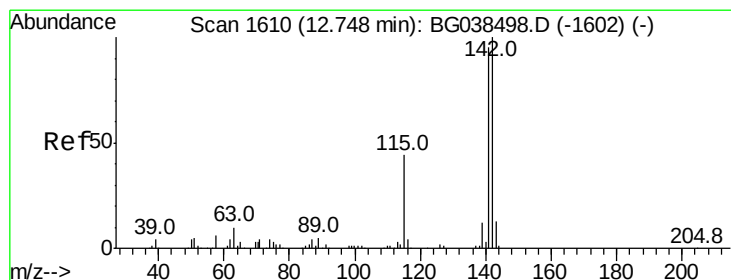
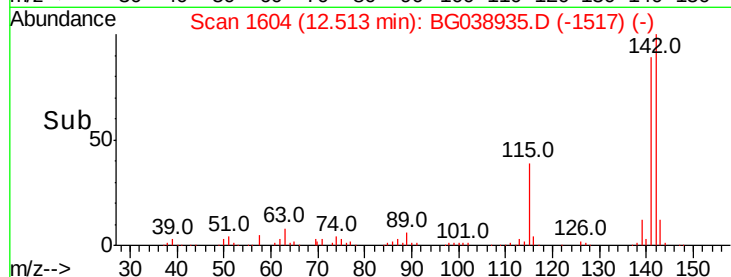
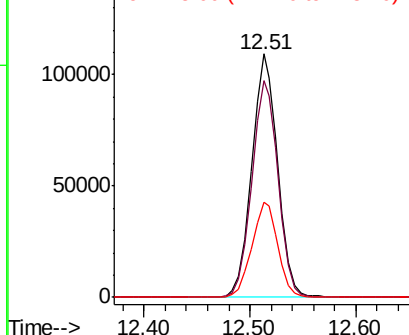


Abundance

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: 47.684 ng

RT: 12.74 min Scan# 1642

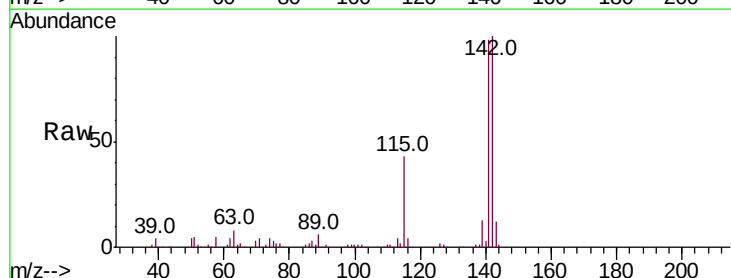
Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Tgt Ion:142 Resp: 175917

Ion	Ratio	Lower	Upper
142	100		
141	98.2	75.8	113.8
116	4.4	3.6	5.4

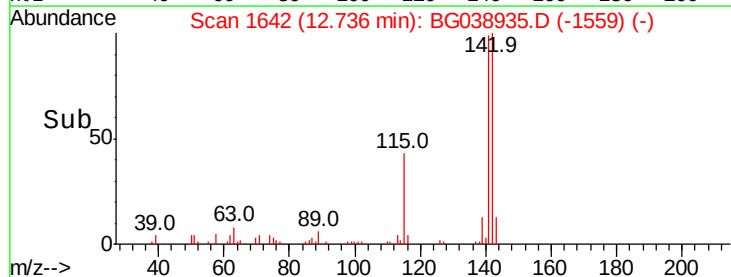
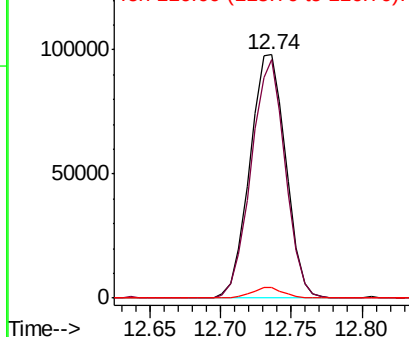


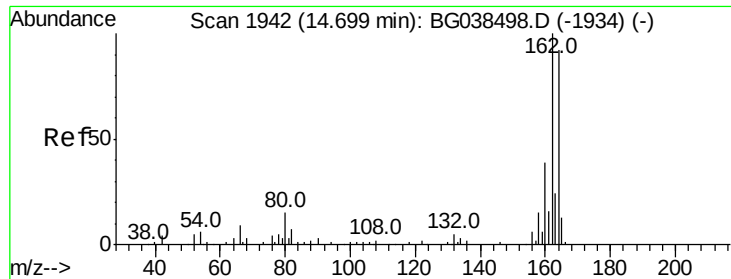
Abundance

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

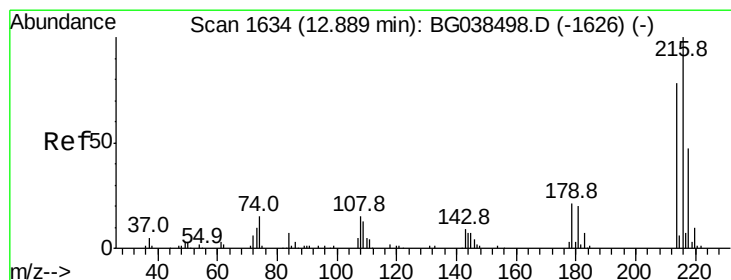
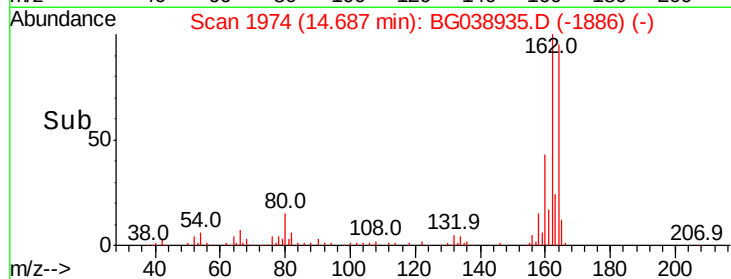
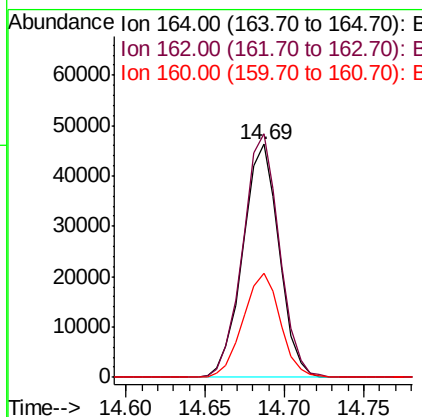
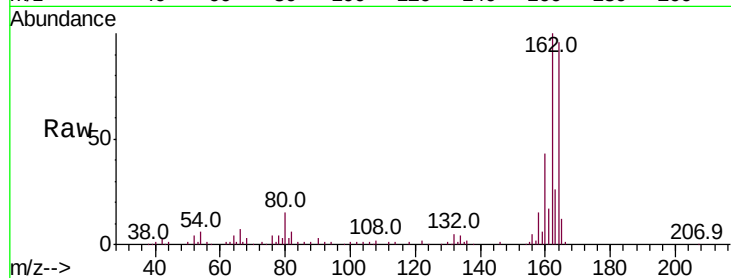




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

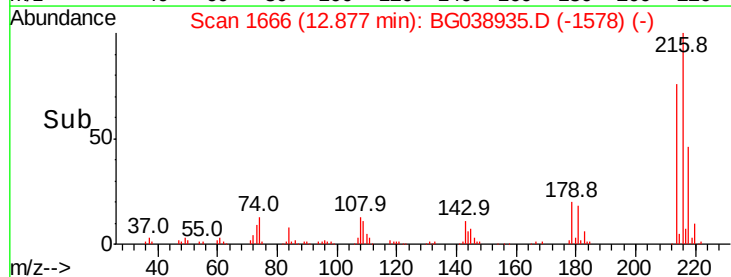
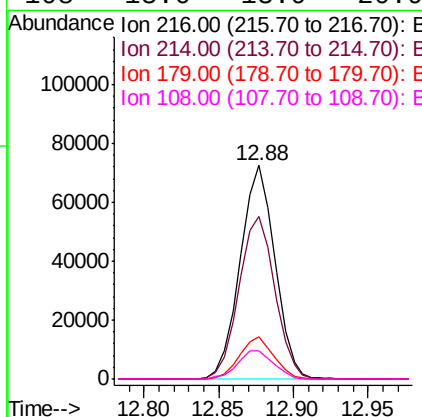
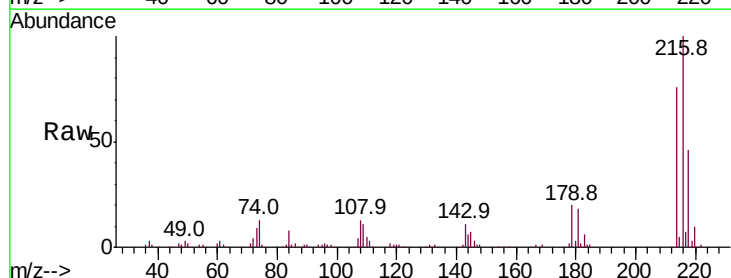
Instrument :
BNA_G
ClientSampleId :

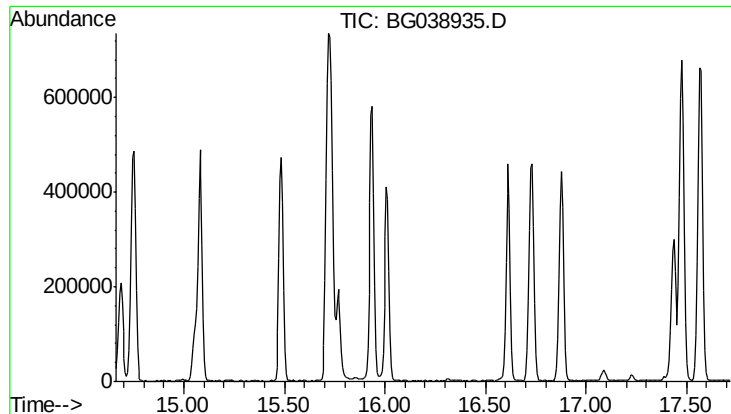
Tot Ion:164 Resp: 73469
Ion Ratio Lower Upper
164 100
162 104.6 86.6 130.0
160 44.6 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.695 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion:216 Resp: 117251
Ion Ratio Lower Upper
216 100
214 78.4 64.1 96.1
179 19.4 16.4 24.6
108 13.6 13.9 20.9#





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.19 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

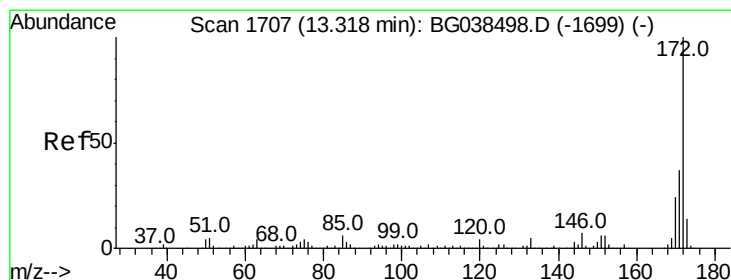
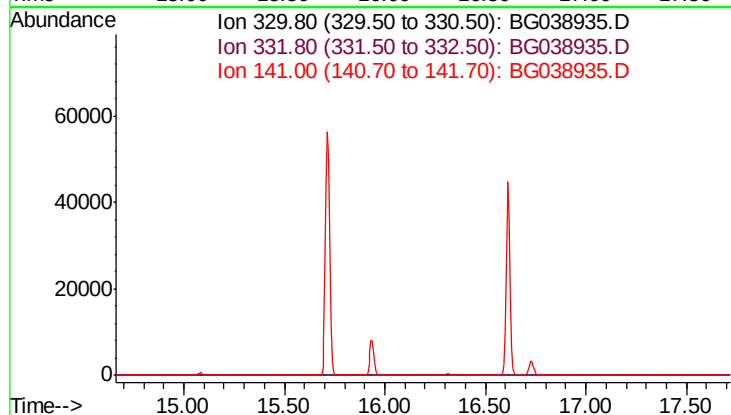
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.1

141 36.0



#45

2-Fluorobiphenyl

Concen: 87.108 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

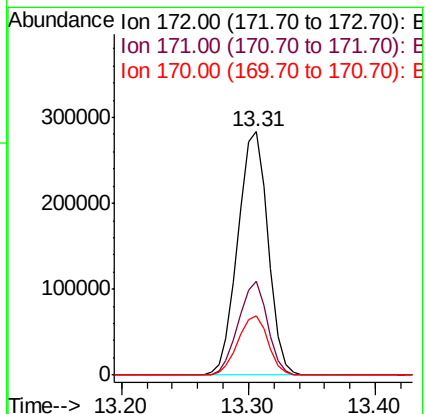
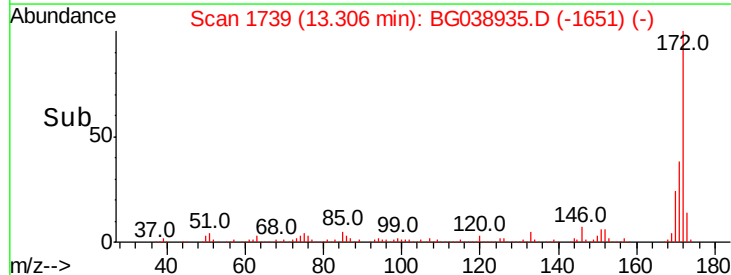
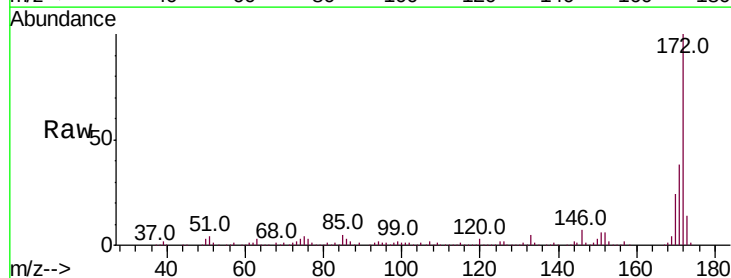
Tgt Ion:172 Resp: 466507

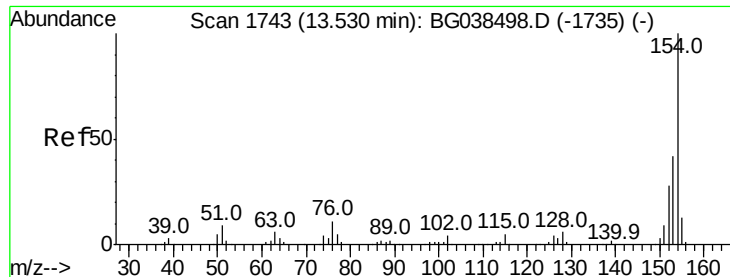
Ion Ratio Lower Upper

172 100

171 38.4 29.8 44.6

170 24.4 19.5 29.3

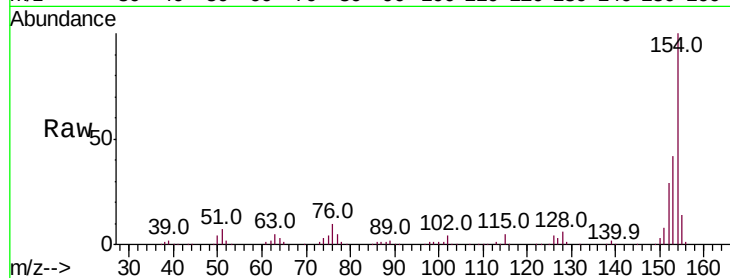




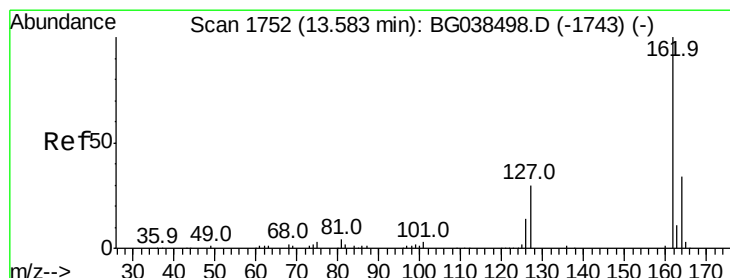
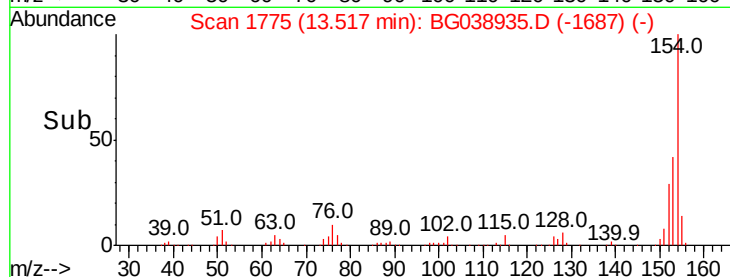
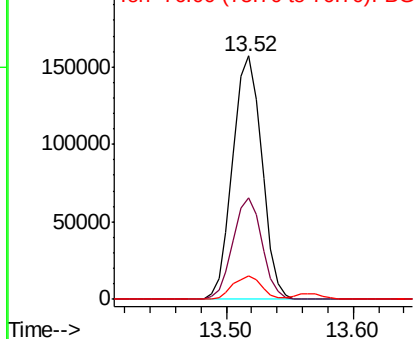
#46
 1,1'-Biphenyl
 Concen: 40.679 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.1	62.1
76	9.6	0.0	31.2

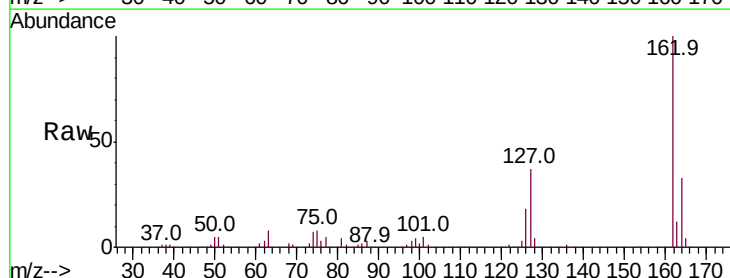


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

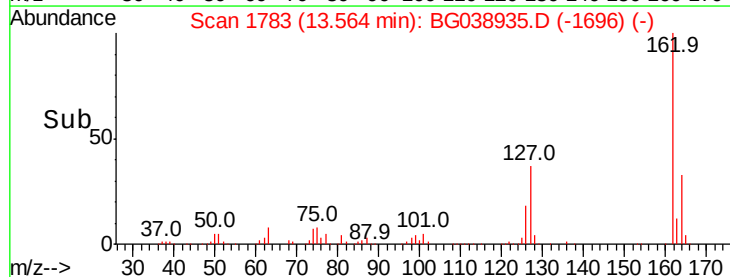
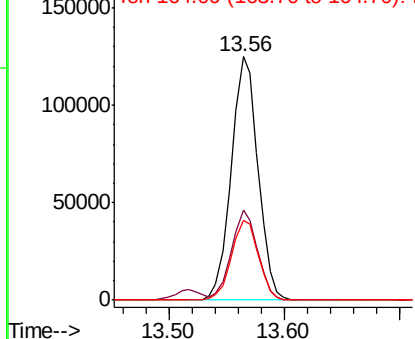


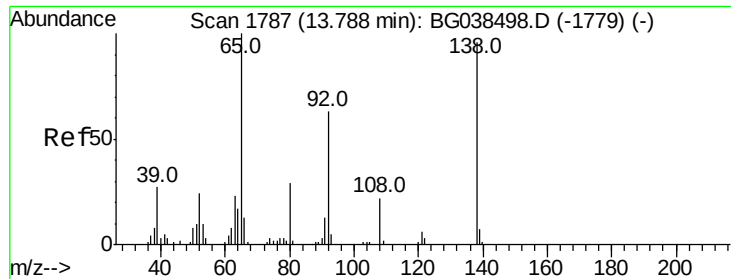
#47
 2-Chloronaphthalene
 Concen: 42.077 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	27.8	41.8
164	33.0	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

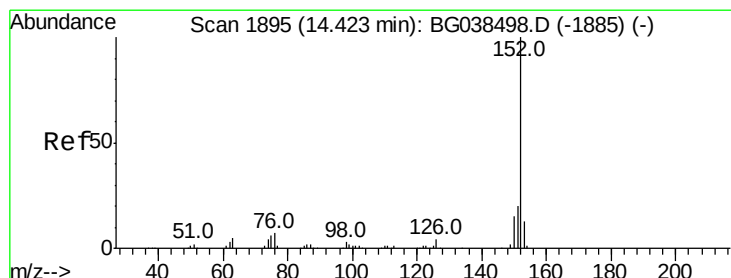
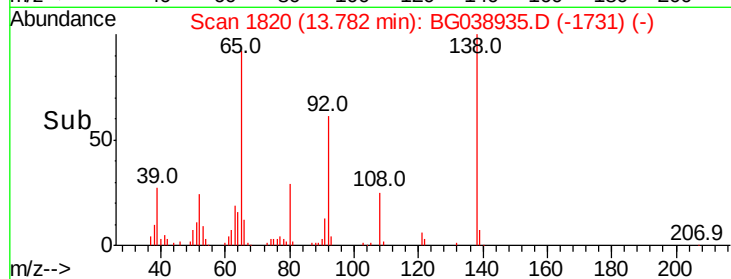
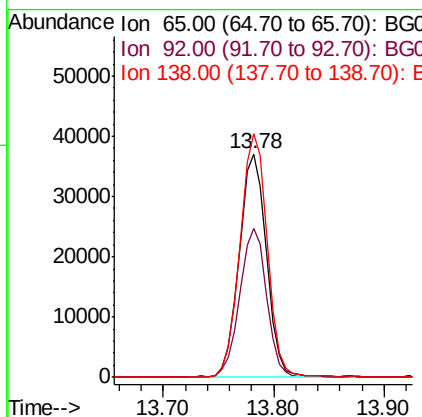
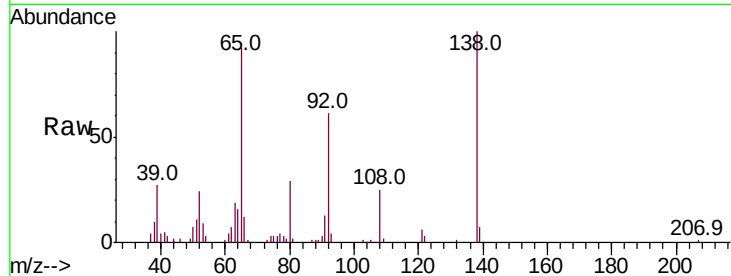




#48
 2-Nitroaniline
 Concen: 42.613 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

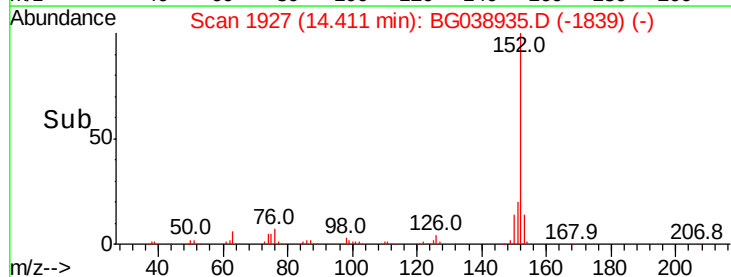
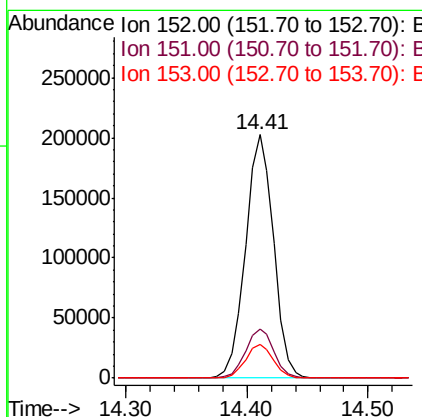
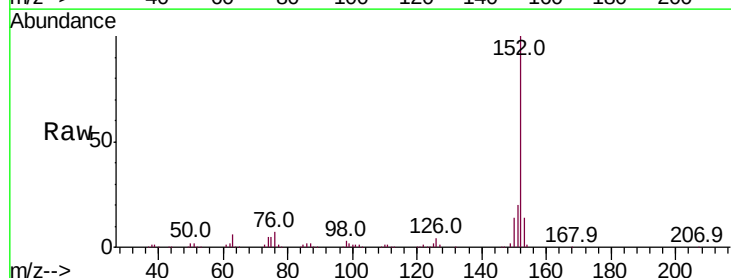
Instrument :
 BNA_G
 ClientSampled :

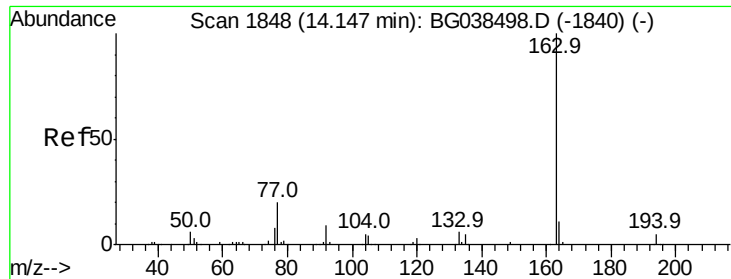
Tot Ion: 65 Resp: 64575
 Ion Ratio Lower Upper
 65 100
 92 66.7 50.0 75.0
 138 109.1 76.9 115.3



#49
 Acenaphthylene
 Concen: 45.880 ng
 RT: 14.41 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion: 152 Resp: 326317
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.4 24.6
 153 13.9 10.4 15.6





#50

Dimethylphthalate

Concen: 45.919 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampled :

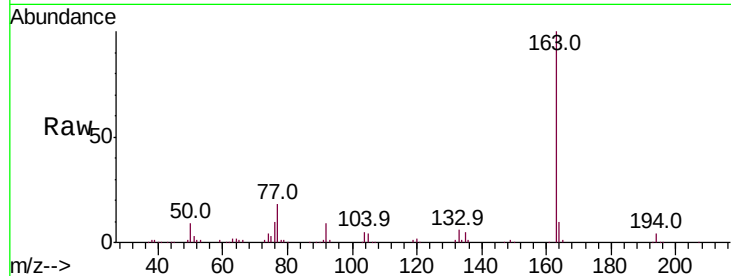
Tot Ion:163 Resp: 275504

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

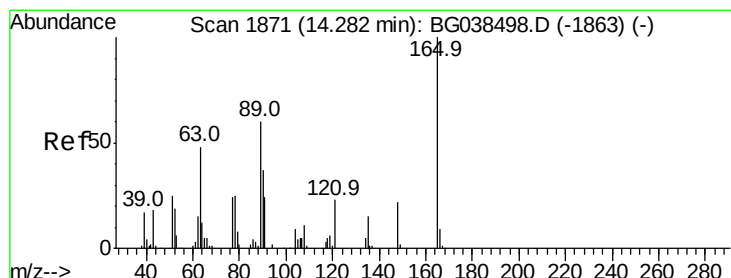
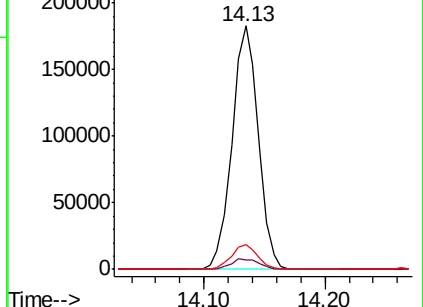
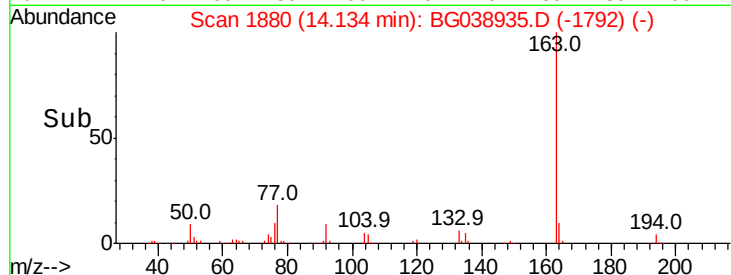
164 10.1 8.6 12.8



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: 43.614 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

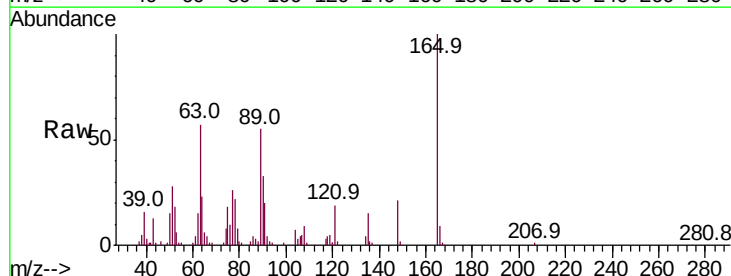
Tgt Ion:165 Resp: 59300

Ion Ratio Lower Upper

165 100

63 56.6 51.8 77.6

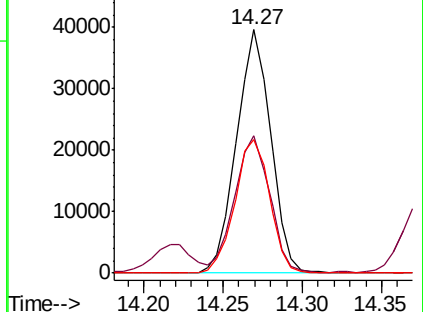
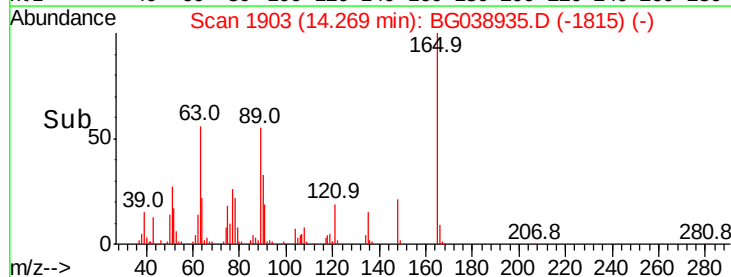
89 54.9 47.9 71.9

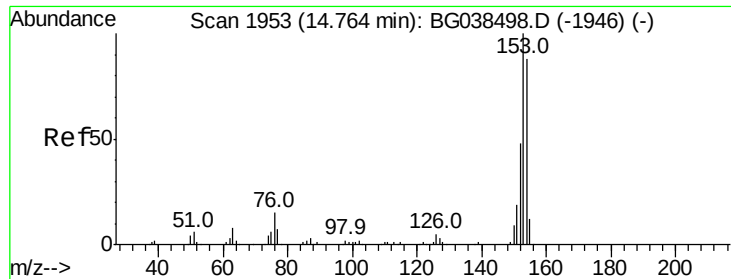


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 44.135 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

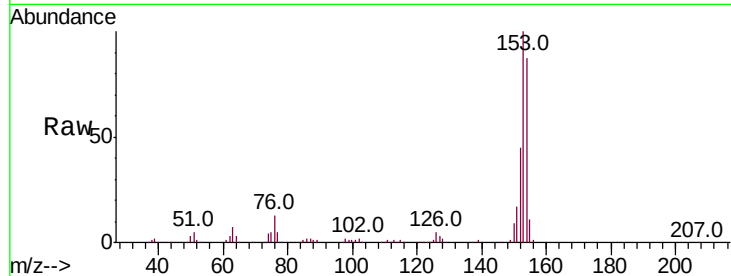
Tot Ion:154 Resp: 187703

Ion Ratio Lower Upper

154 100

153 115.1 90.6 136.0

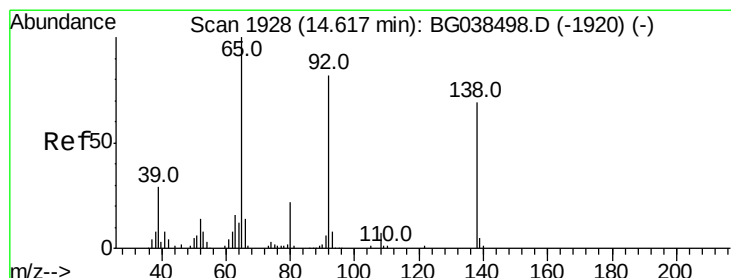
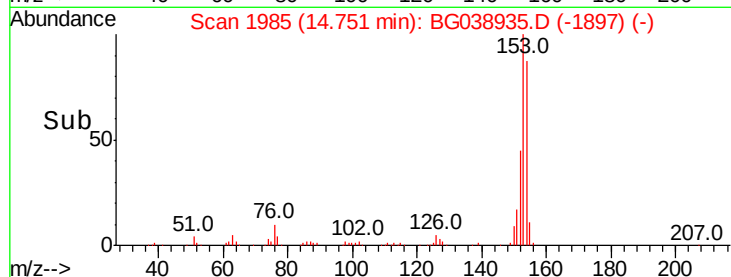
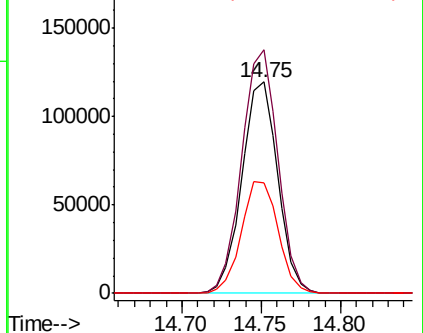
152 52.3 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 43.220 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

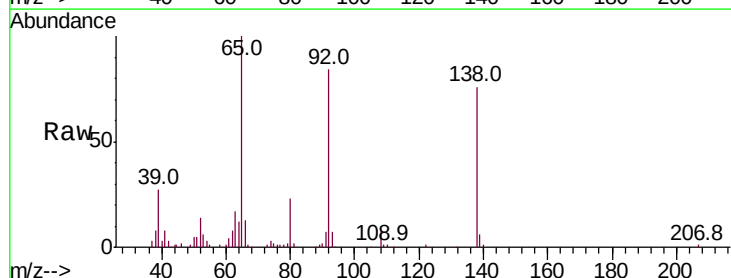
Tgt Ion:138 Resp: 59903

Ion Ratio Lower Upper

138 100

108 10.3 7.9 11.9

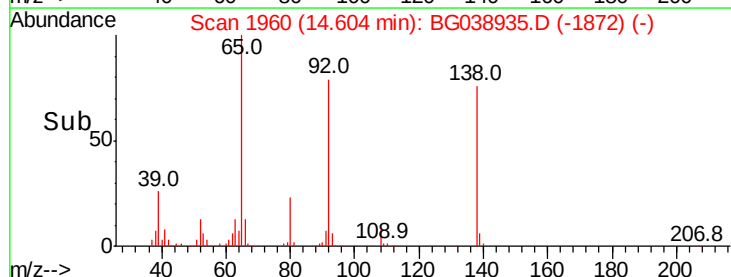
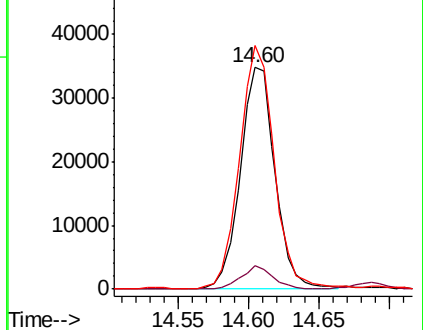
92 109.8 95.3 142.9

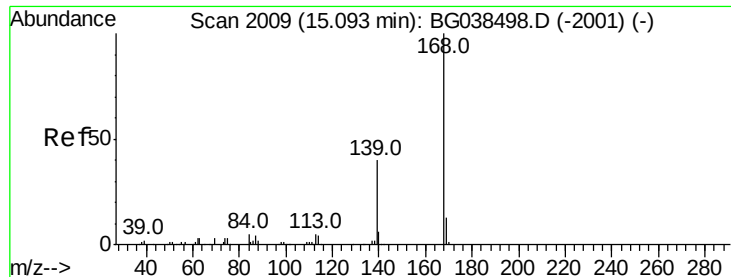


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

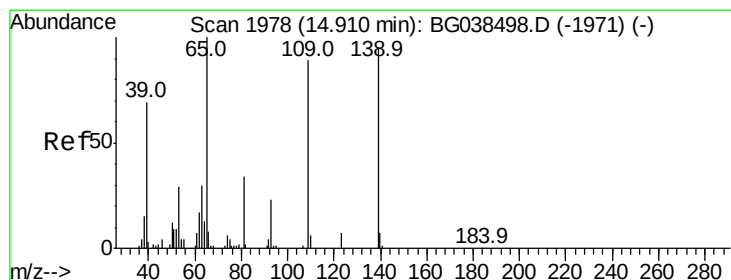
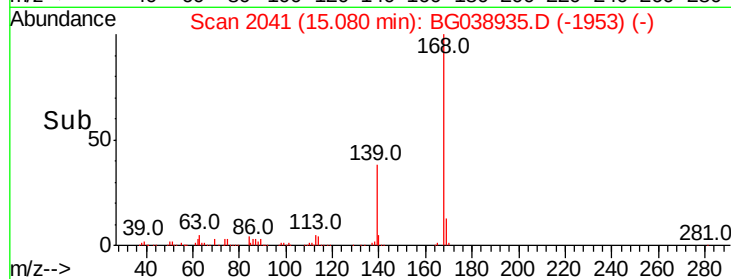
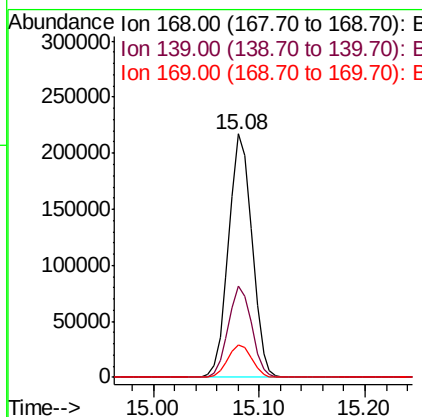
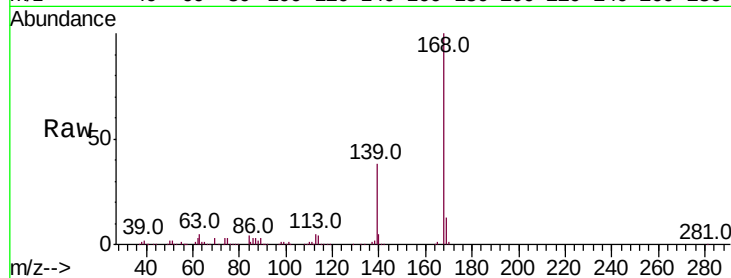




#55
Dibenzenofuran
Concen: 45.606 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

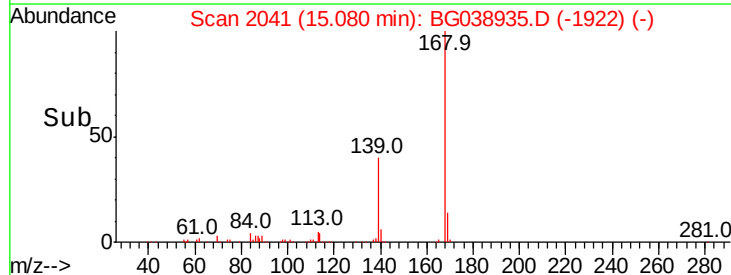
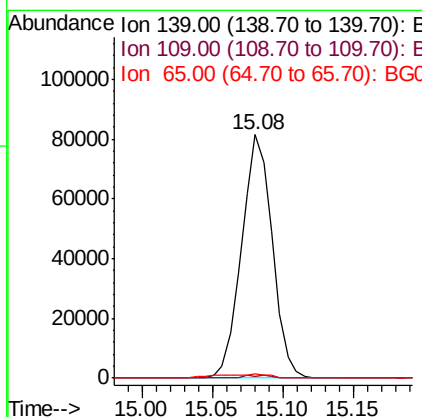
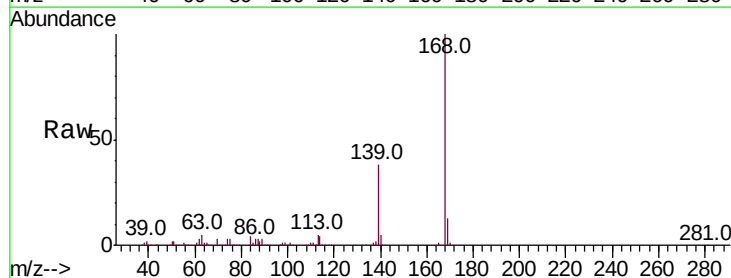
Instrument :
BNA_G
ClientSampleId :

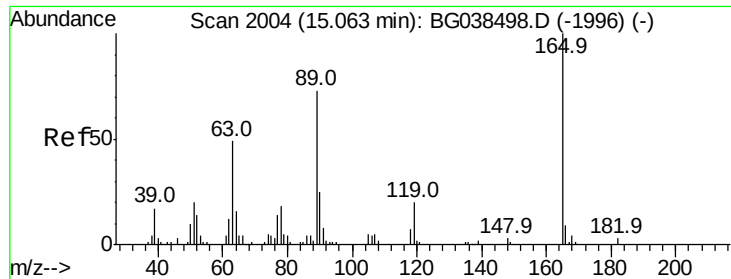
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	32.2	48.2
169	13.5	10.6	16.0



#56
4-Nitrophenol
Concen: 117.955 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.17 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.9	73.6	113.6#
65	1.5	84.8	124.8#

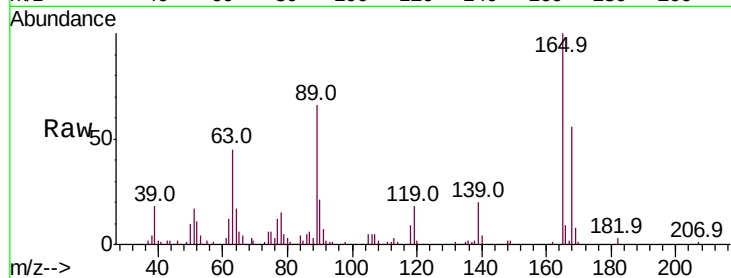




#57
 2,4-Dinitrotoluene
 Concen: 16.508 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.5	39.0	58.4
89	66.2	58.0	87.0
182	3.0	2.3	3.5



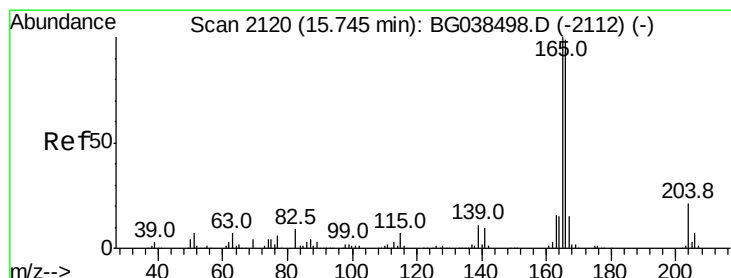
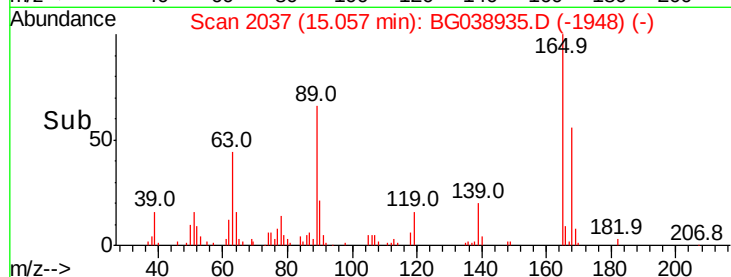
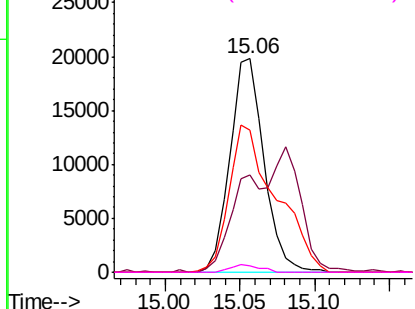
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

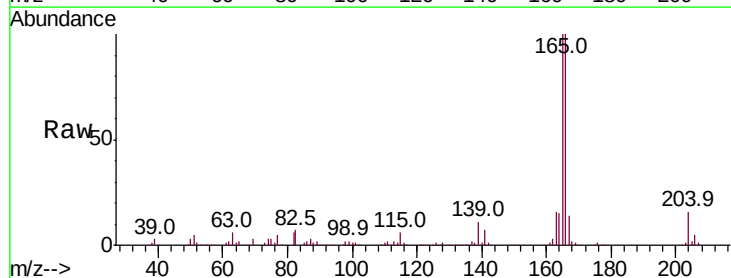
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 46.350 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.6	120.8
167	14.3	12.0	18.0

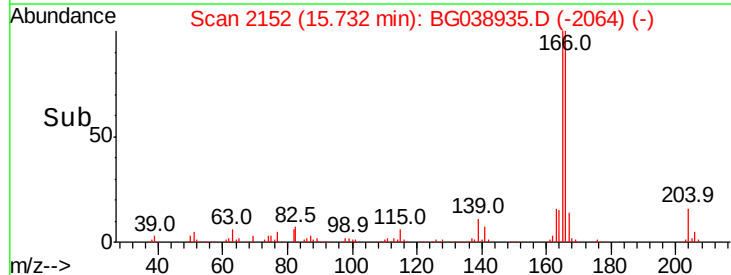
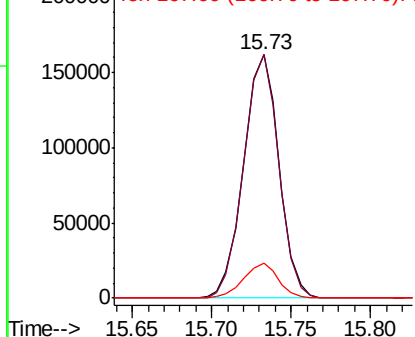


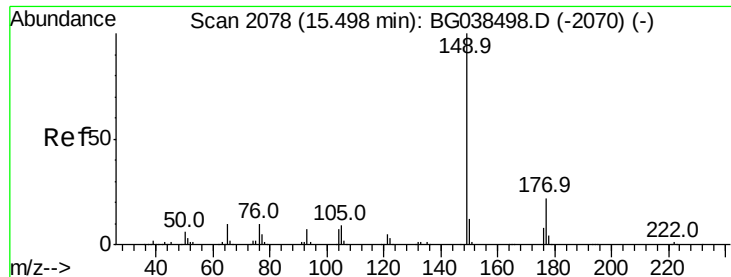
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

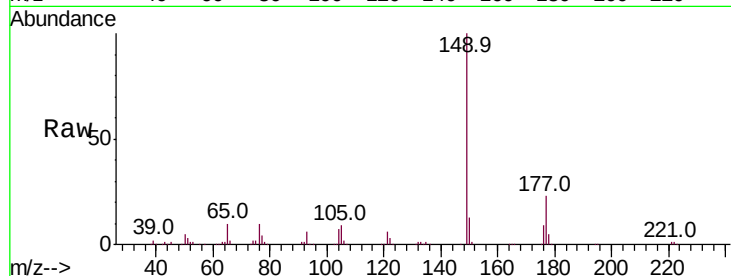




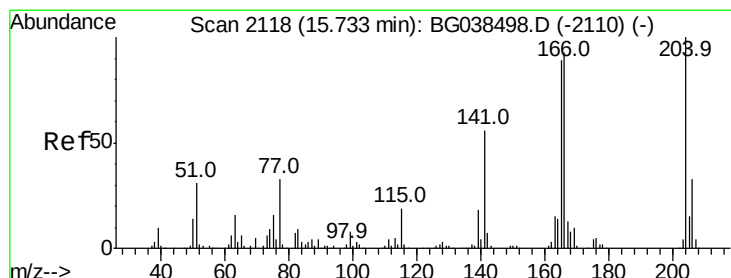
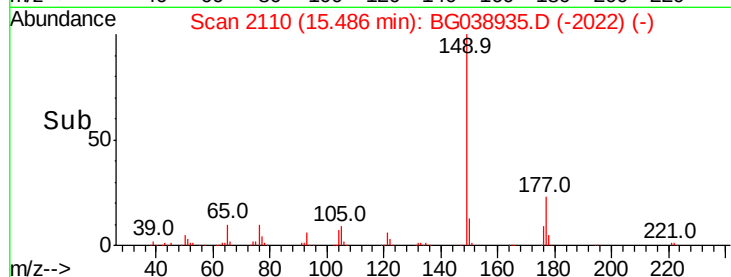
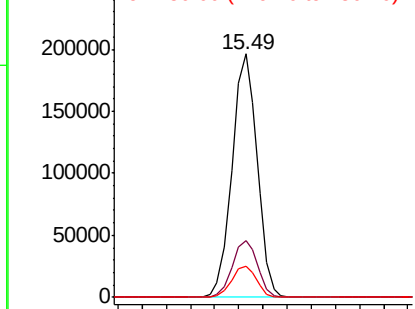
#60
Diethylphthalate
Concen: 43.096 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 283844
Ion Ratio Lower Upper
149 100
177 23.2 17.7 26.5
150 12.6 9.9 14.9

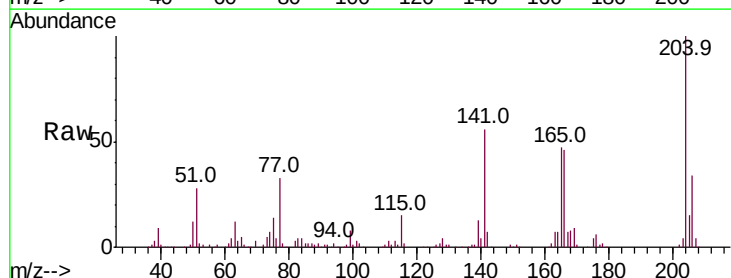


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

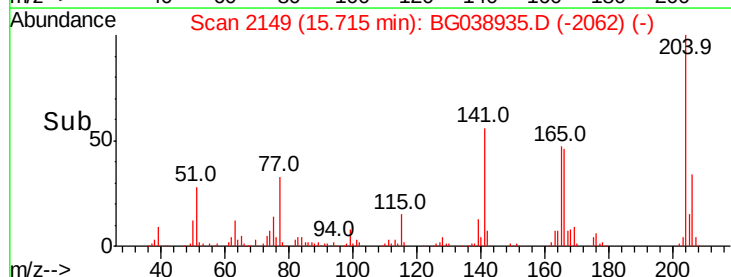
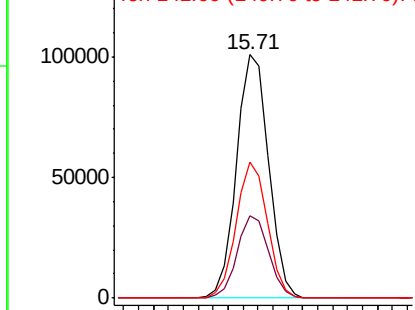


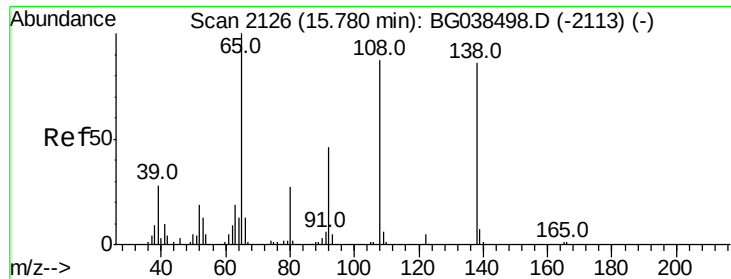
#61
4-Chlorophenyl-phenylether
Concen: 44.850 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion:204 Resp: 151143
Ion Ratio Lower Upper
204 100
206 34.0 26.0 39.0
141 55.8 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

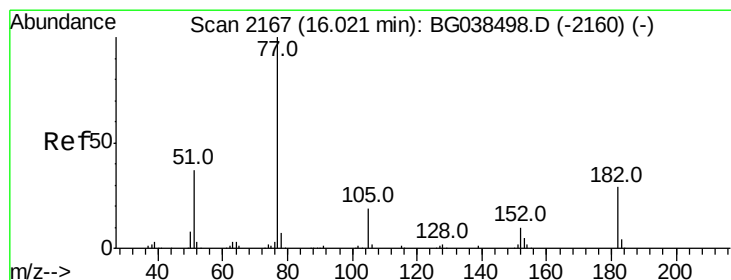
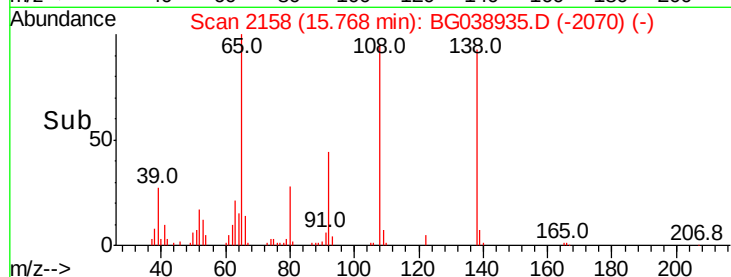
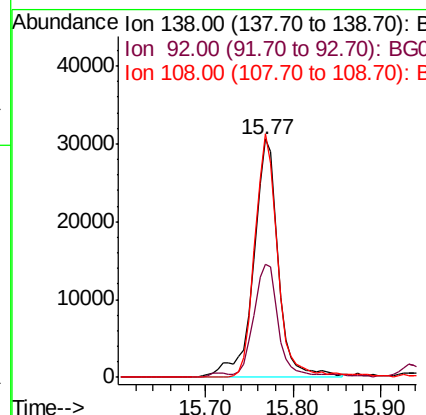
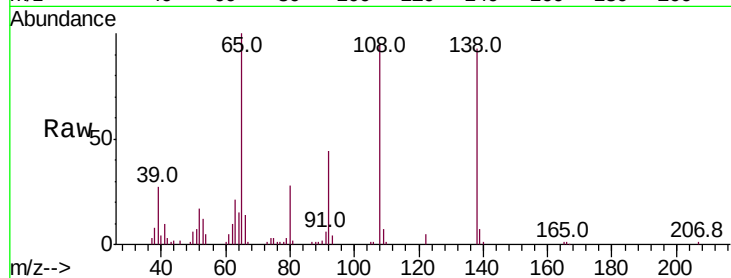




#62
4-Nitroaniline
Concen: 41.091 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

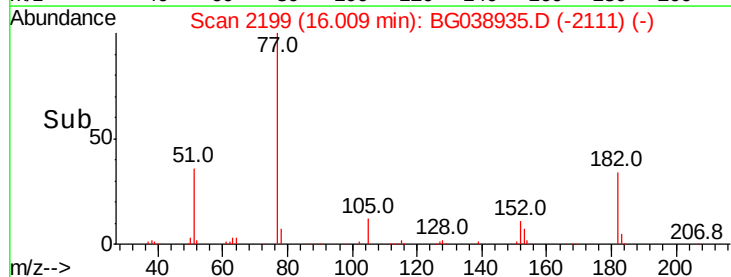
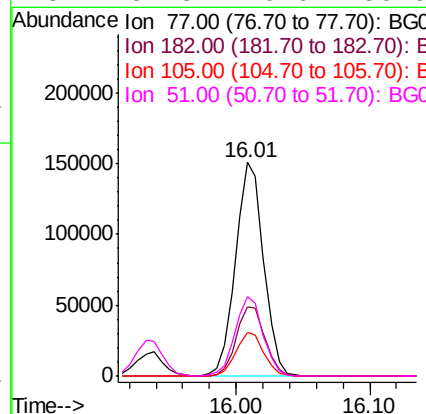
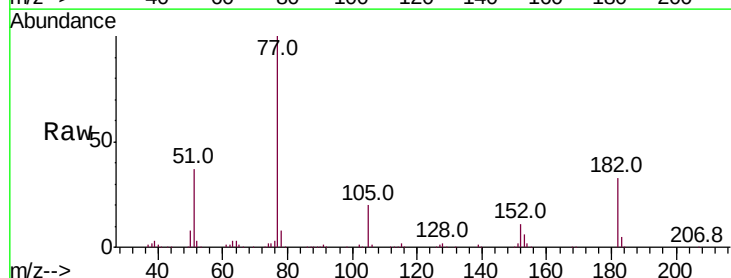
Instrument :
BNA_G
ClientSampleId :

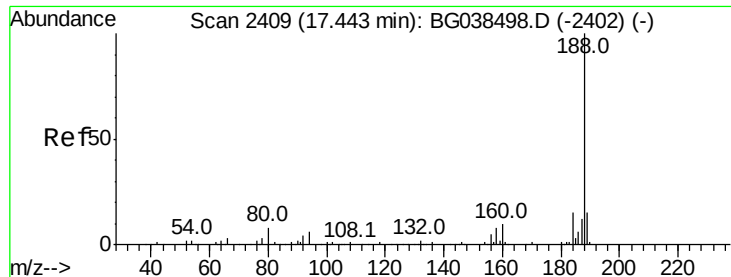
Tot Ion:138 Resp: 58633
Ion Ratio Lower Upper
138 100
92 47.3 33.3 73.3
108 102.2 81.4 121.4



#63
Azobenzene
Concen: 40.238 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion: 77 Resp: 221396
Ion Ratio Lower Upper
77 100
182 32.7 8.7 48.7
105 20.2 0.0 38.7
51 37.3 16.6 56.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

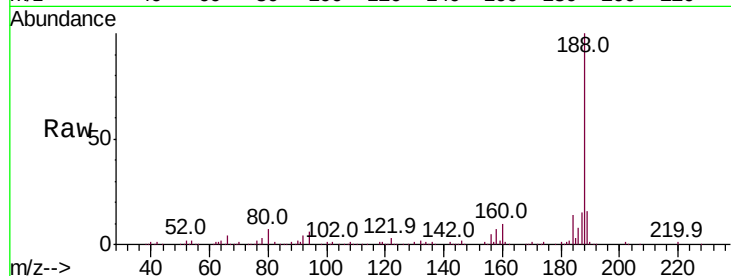
Tot Ion:188 Resp: 184823

Ion Ratio Lower Upper

188 100

94 6.2 5.1 7.7

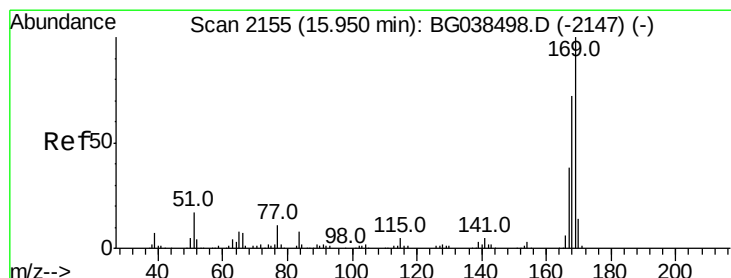
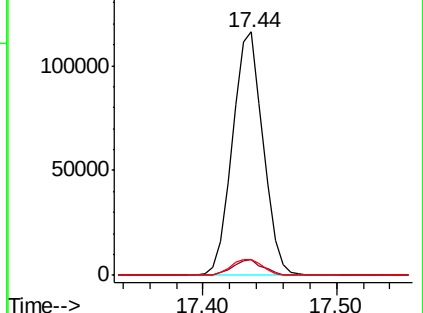
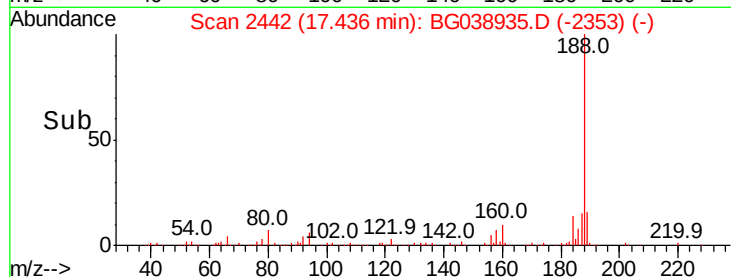
80 6.6 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

n-Nitrosodiphenylamine

Concen: 45.035 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

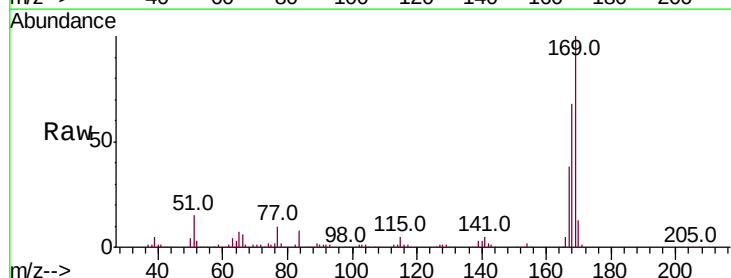
Tgt Ion:169 Resp: 244565

Ion Ratio Lower Upper

169 100

168 67.9 57.5 86.3

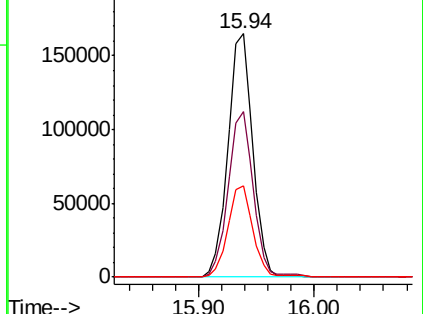
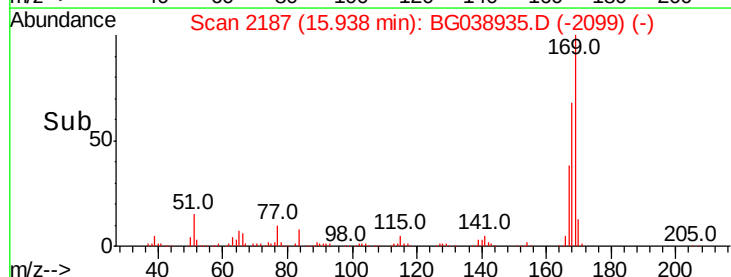
167 37.8 30.2 45.2

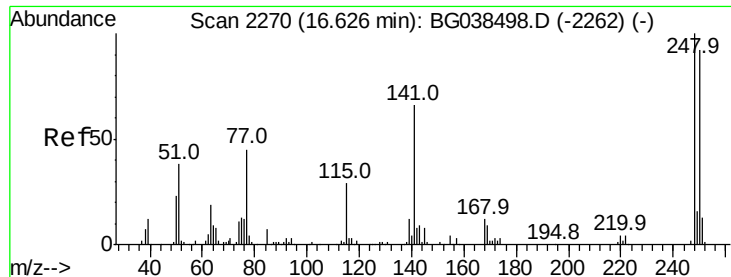


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

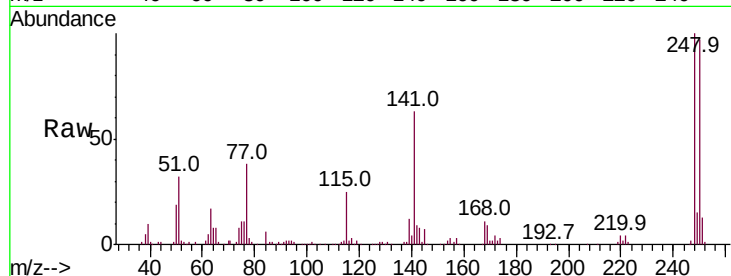




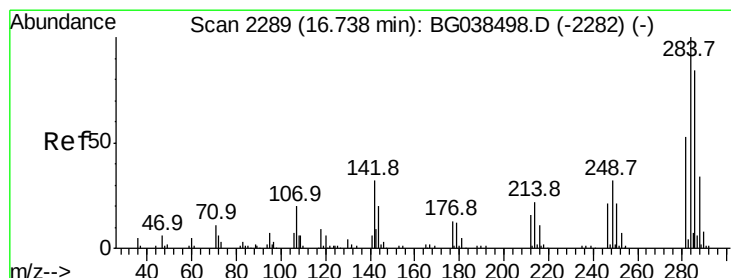
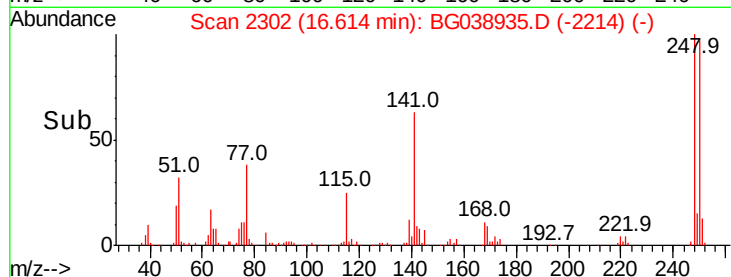
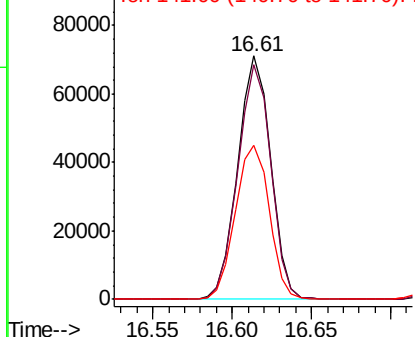
#67
 4-Bromophenyl-phenylether
 Concen: 45.648 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 103037
 Ion Ratio Lower Upper
 248 100
 250 96.6 73.4 110.2
 141 63.1 52.9 79.3

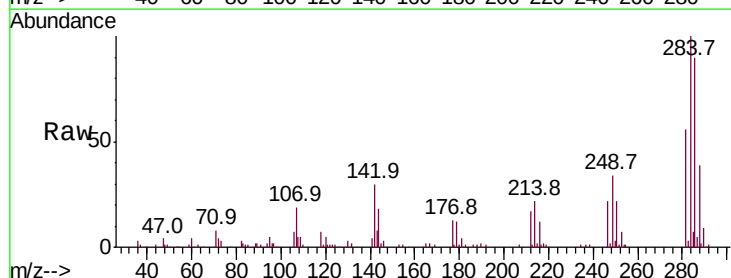


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

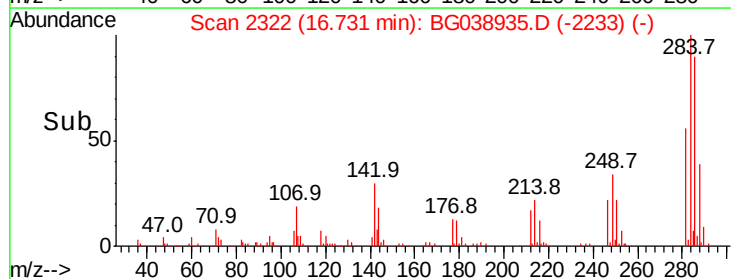
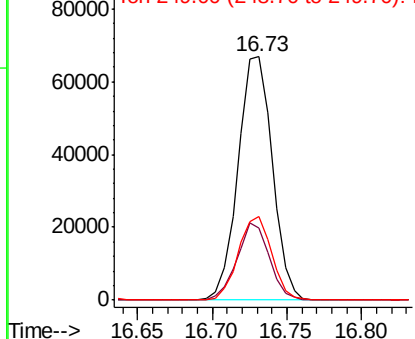


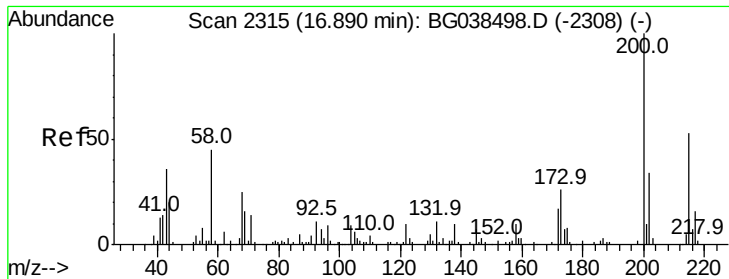
#68
 Hexachlorobenzene
 Concen: 45.610 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion:284 Resp: 106722
 Ion Ratio Lower Upper
 284 100
 142 29.6 25.8 38.6
 249 36.8 27.0 40.4



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

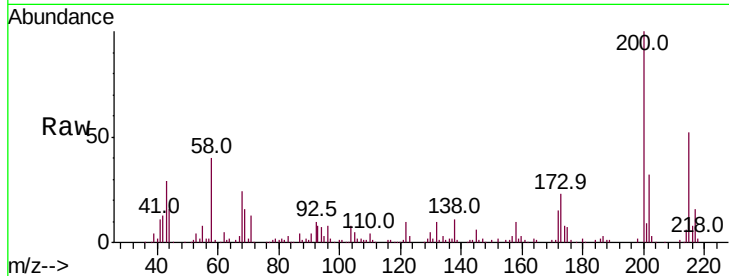




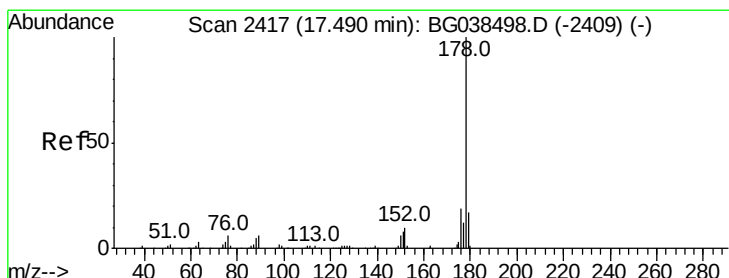
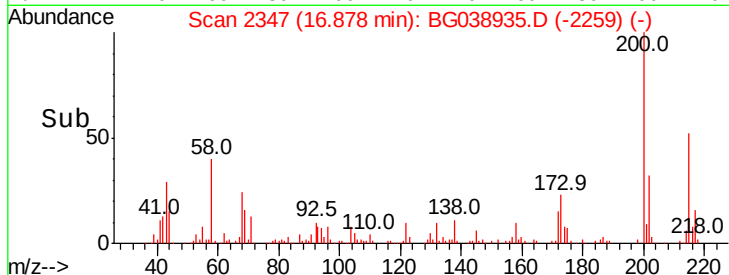
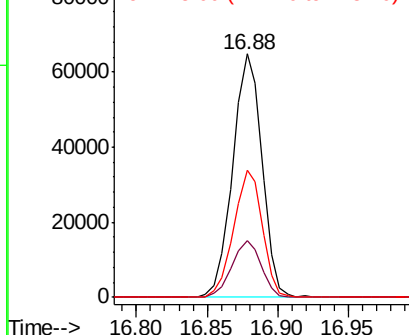
#69
 Atrazine
 Concen: 46.355 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 93420
 Ion Ratio Lower Upper
 200 100
 173 23.5 5.9 45.9
 215 52.2 33.1 73.1

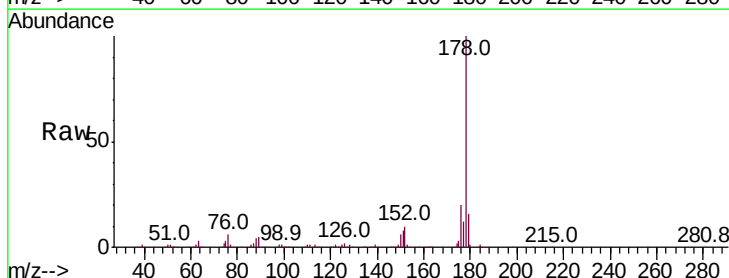


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

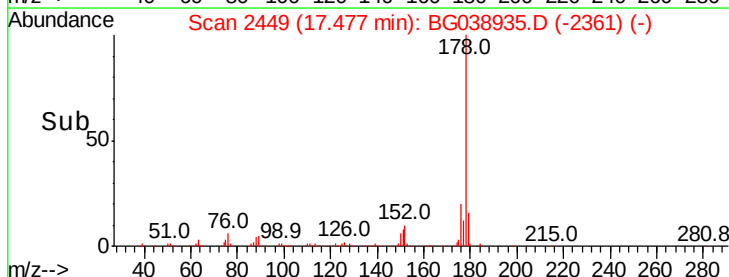
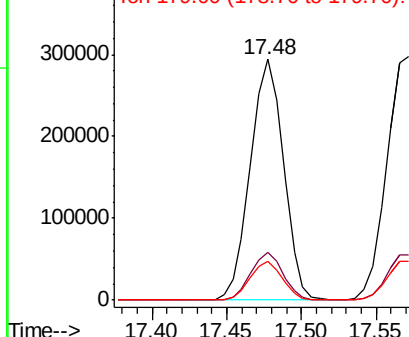


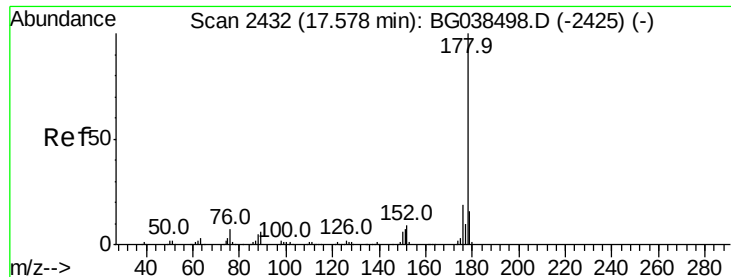
#71
 Phenanthrene
 Concen: 47.293 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion:178 Resp: 453271
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.1 22.7
 179 15.8 13.2 19.8



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





#72

Anthracene

Concen: 48.565 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

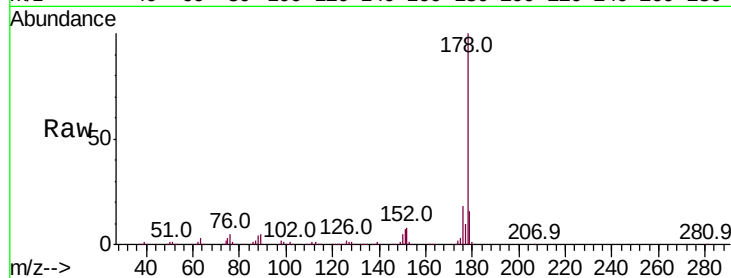
Tot Ion:178 Resp: 459508

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

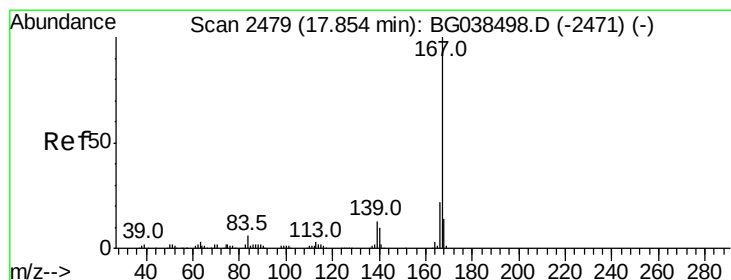
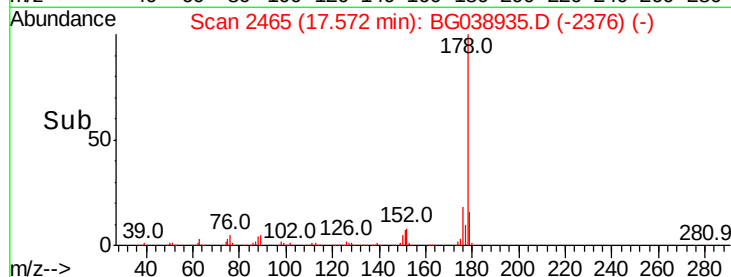
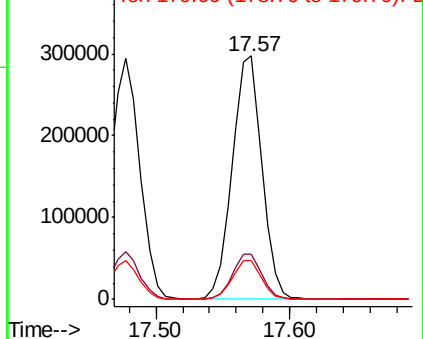
179 16.2 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 42.494 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

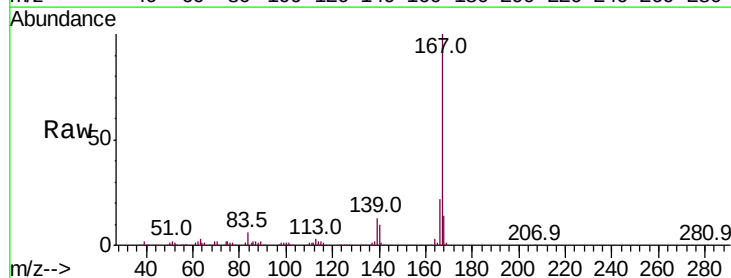
Tgt Ion:167 Resp: 397639

Ion Ratio Lower Upper

167 100

166 21.5 17.9 26.9

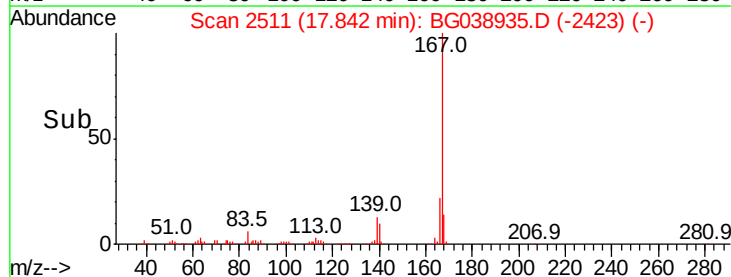
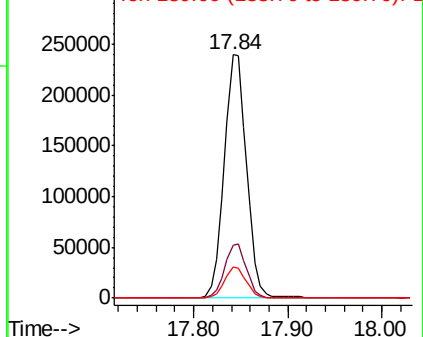
139 12.7 10.2 15.2

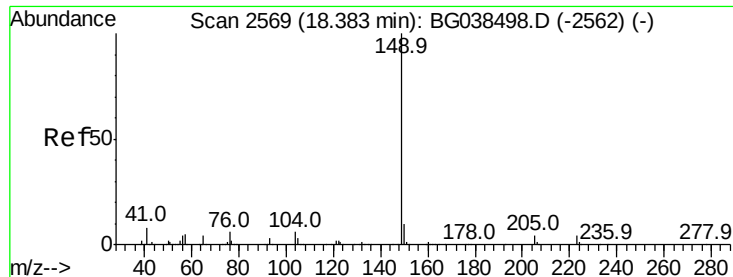


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

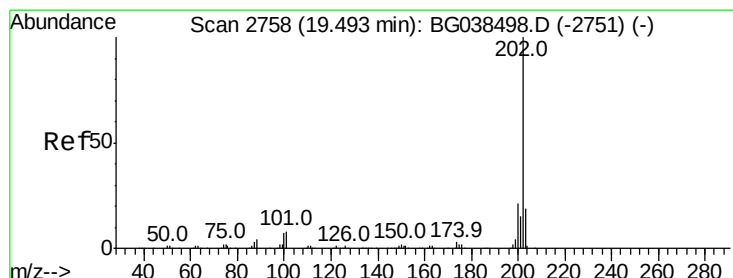
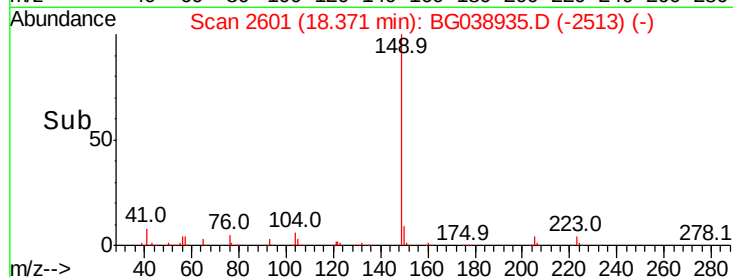
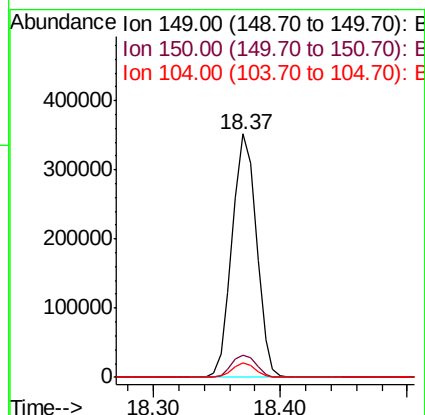
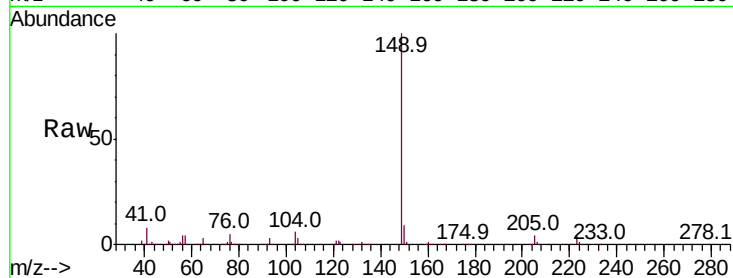




#74
Di-n-butylphthalate
Concen: 43.610 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

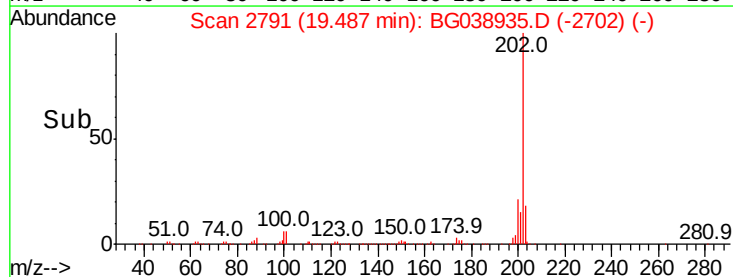
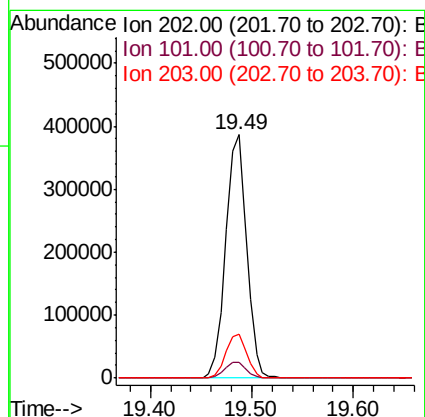
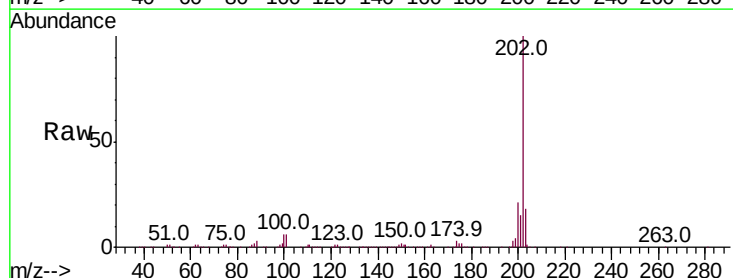
Instrument :
BNA_G
ClientSampleId :

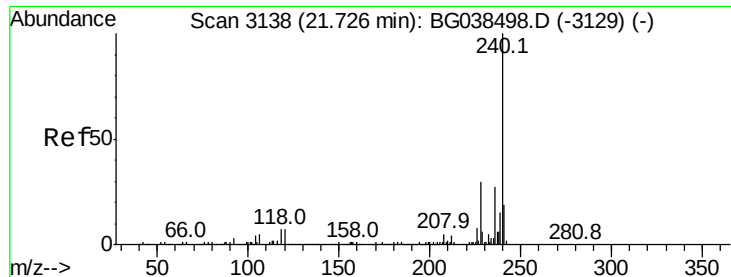
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	6.0	5.0	7.4



#75
Fluoranthene
Concen: 46.998 ng
RT: 19.49 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	28.1
203	17.9	0.0	39.0

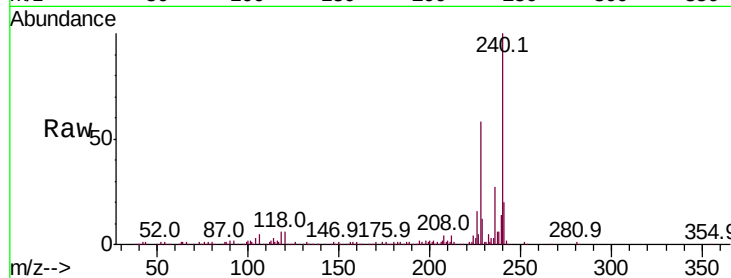




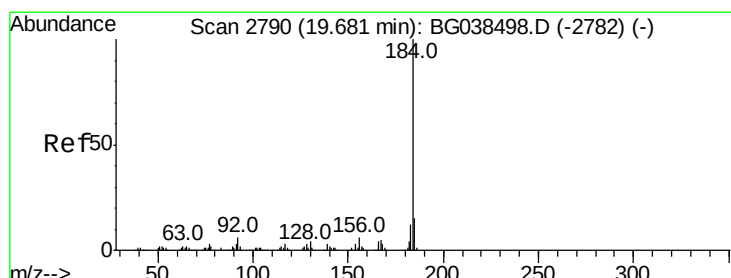
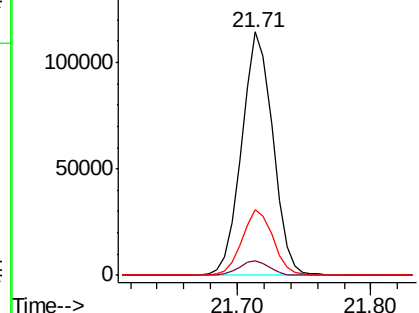
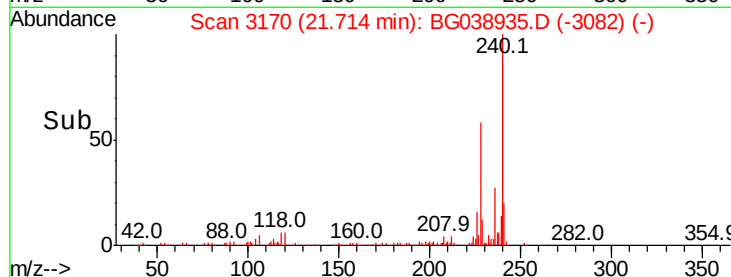
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:240 Resp: 184822
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.3 7.9
 236 27.0 21.4 32.2

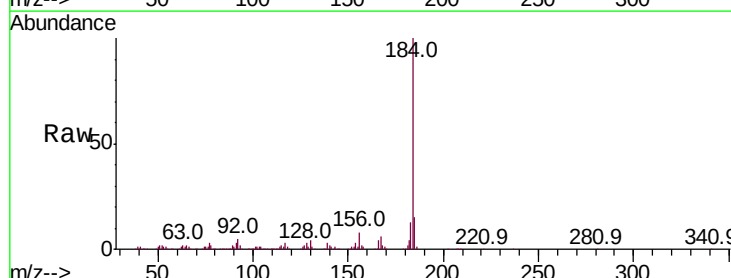


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

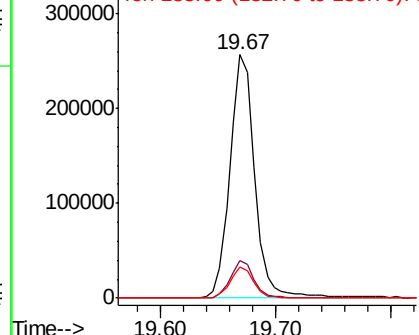
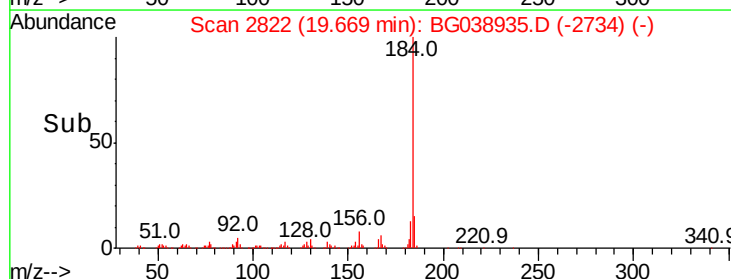


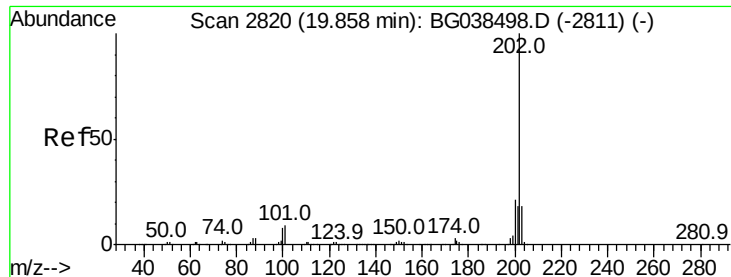
#77
 Benzidine
 Concen: 69.911 ng
 RT: 19.67 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion:184 Resp: 382129
 Ion Ratio Lower Upper
 184 100
 185 15.2 12.2 18.2
 183 12.5 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

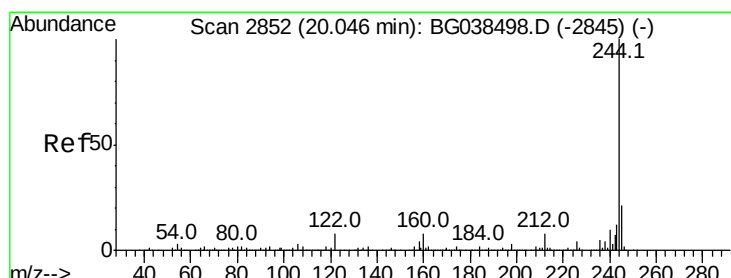
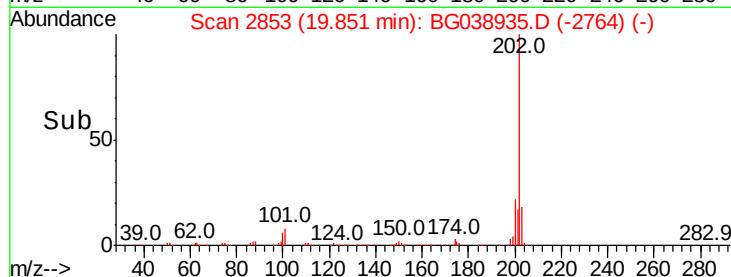
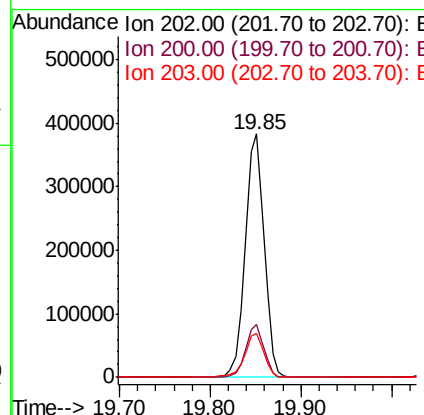
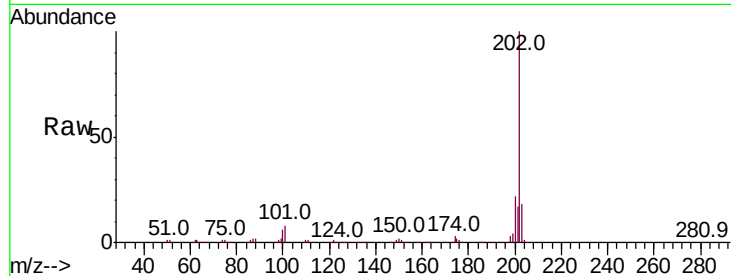




#78
Pvrene
Concen: 45.845 ng
RT: 19.85 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

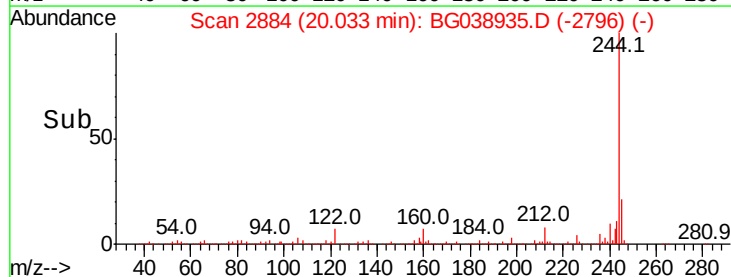
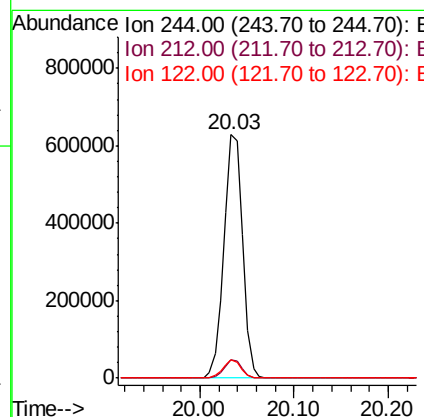
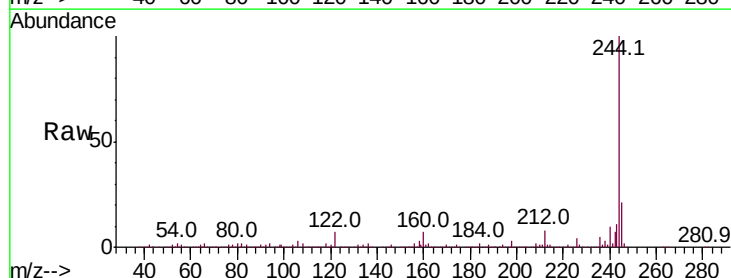
Instrument :
BNA_G
ClientSampled :

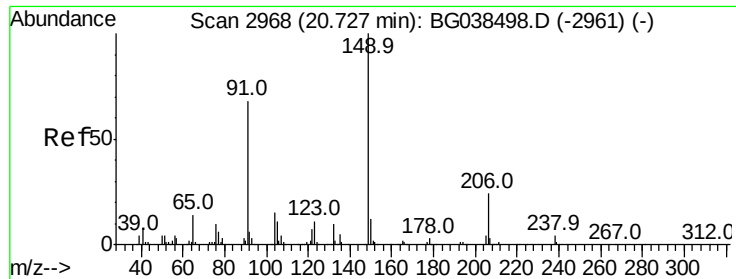
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.6	25.0
203	18.3	14.6	21.8



#79
Terphenyl-d14
Concen: 103.235 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	7.5	6.3	9.5

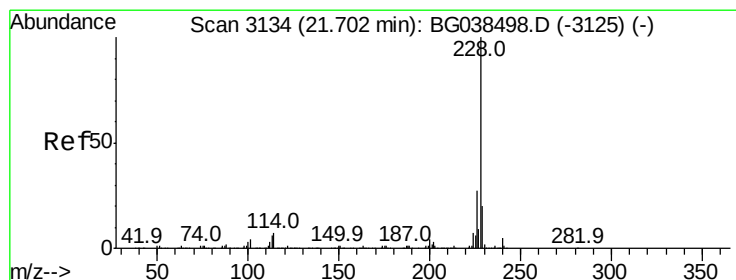
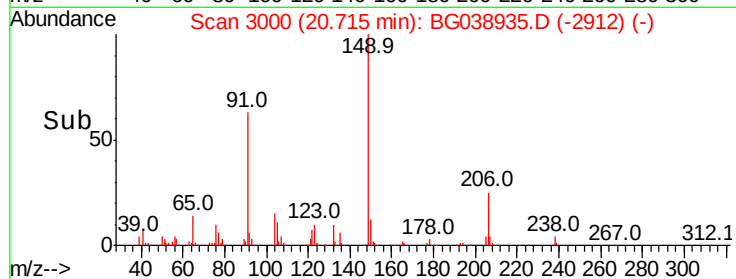
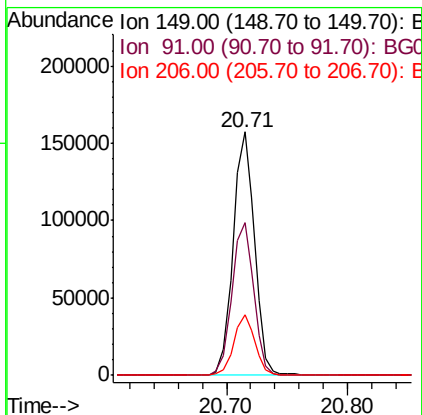
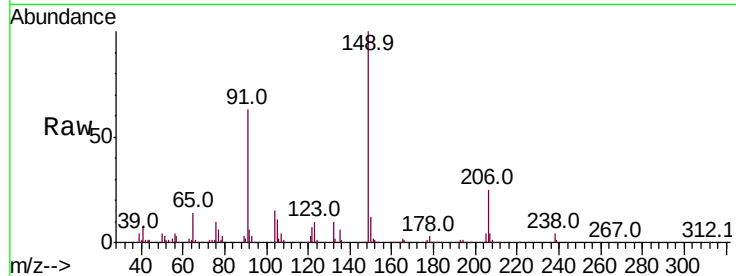




#80
Butylbenzylphthalate
Concen: 40.770 ng
RT: 20.71 min Scan# 3000
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

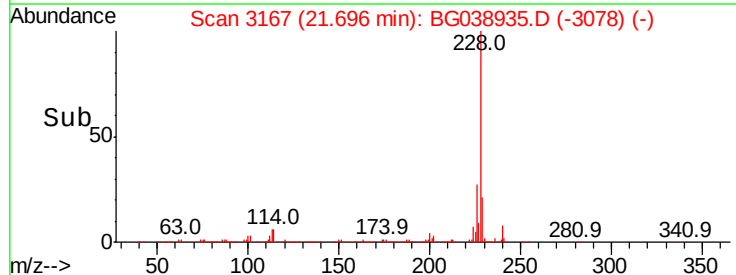
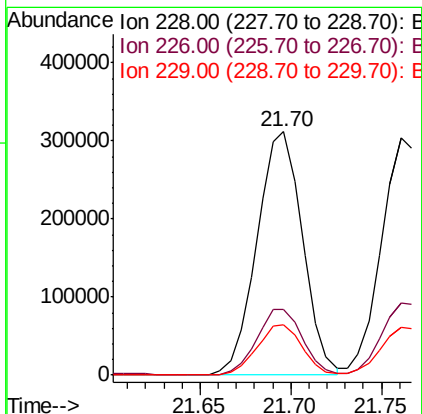
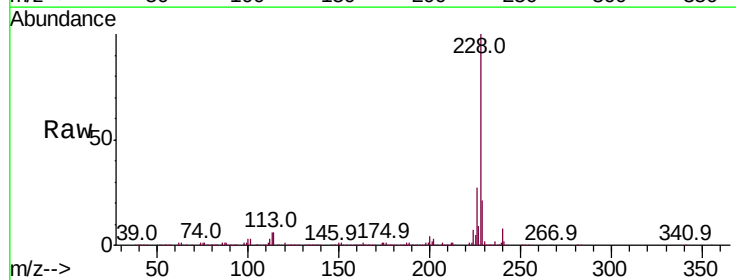
Instrument :
BNA_G
ClientSampleId :

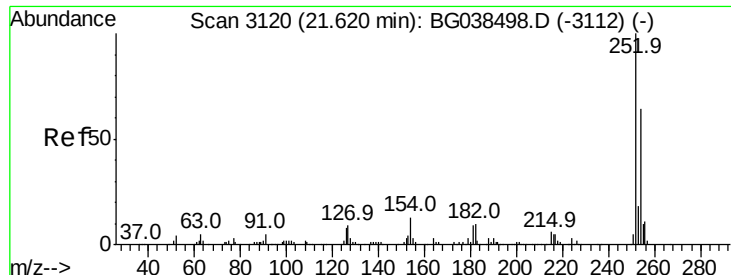
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.8	54.5	81.7
206	25.1	19.0	28.6



#81
Benzo(a)anthracene
Concen: 48.371 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	20.5	15.8	23.6

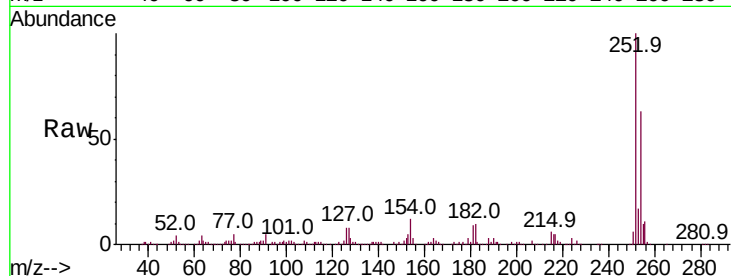




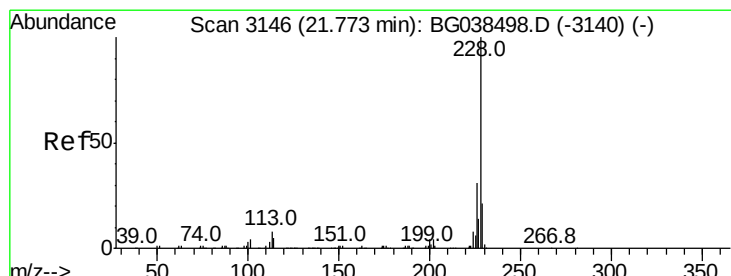
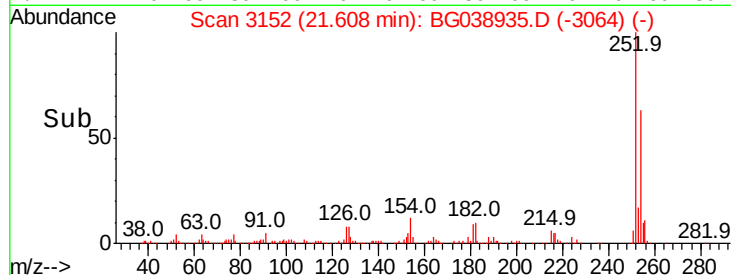
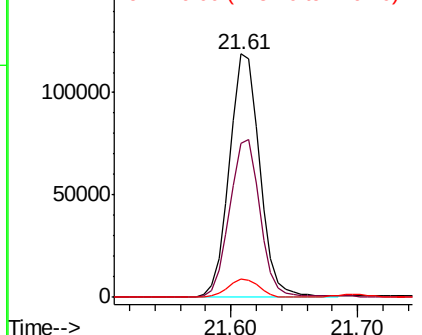
#82
 3,3'-Dichlorobenzidine
 Concen: 44.257 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 197680
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.9 76.3
 126 7.6 6.3 9.5

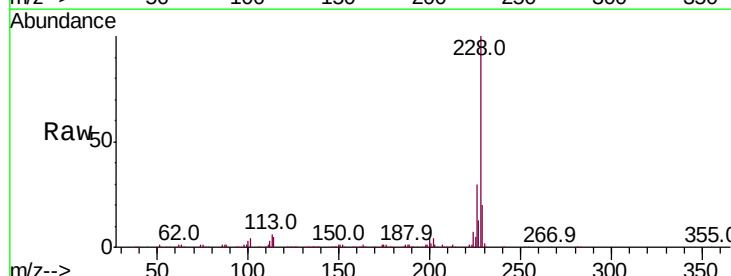


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

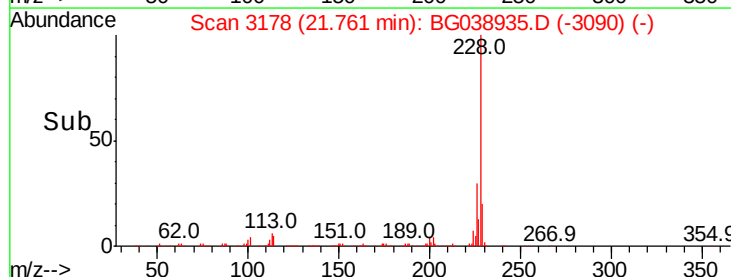
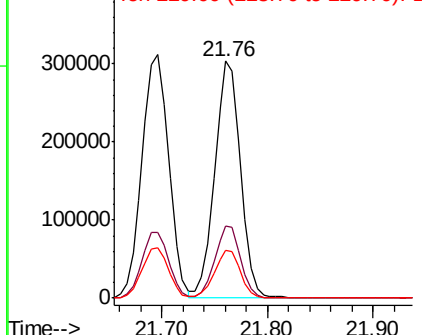


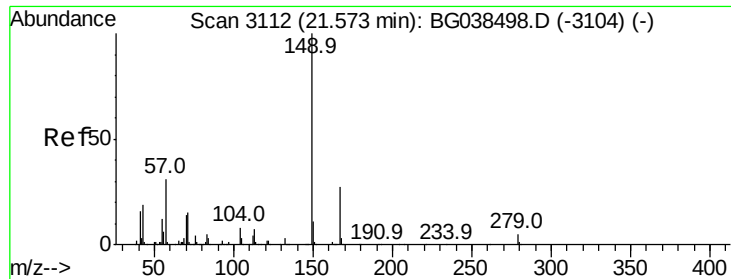
#83
 Chrysene
 Concen: 47.459 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion:228 Resp: 514818
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.4
 229 20.2 16.5 24.7



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 43.371 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

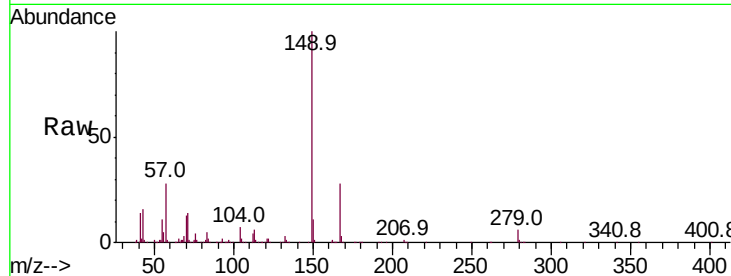
Tot Ion:149 Resp: 293425

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	6.1	4.2	6.2

149 100

167 28.4 21.9 32.9

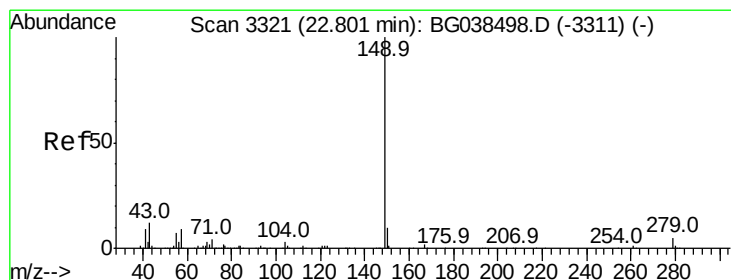
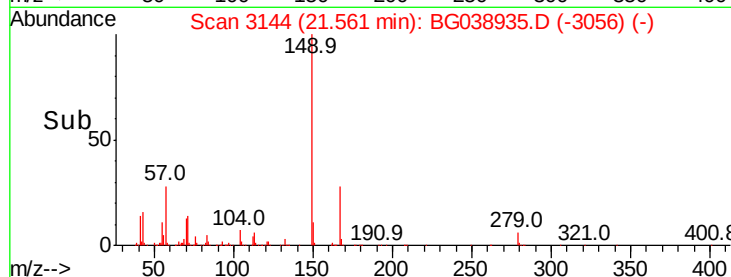
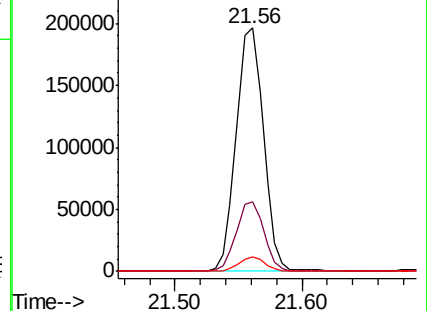
279 6.1 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 43.308 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

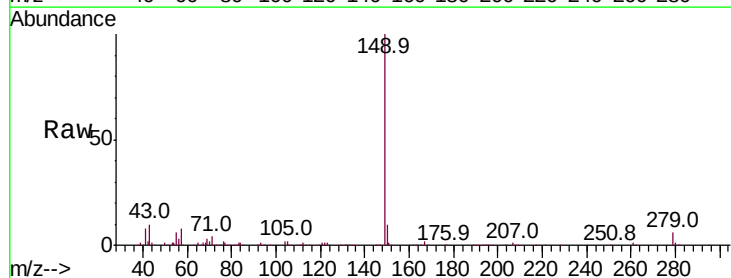
Tgt Ion:149 Resp: 490701

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.3	9.3	13.9

149 100

167 1.7 1.2 1.8

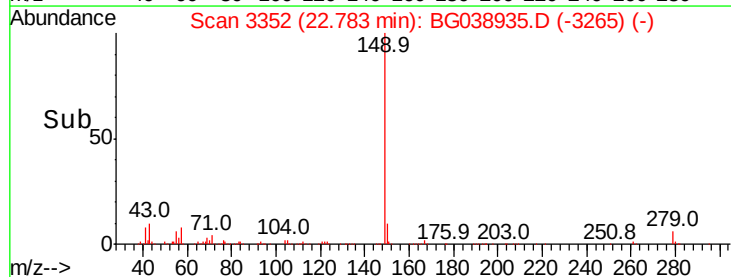
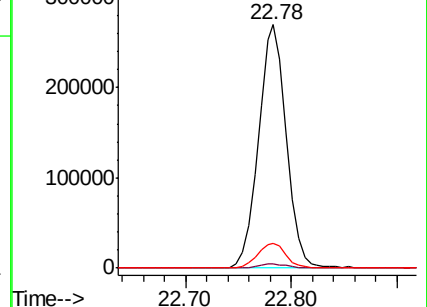
43 10.3 9.3 13.9

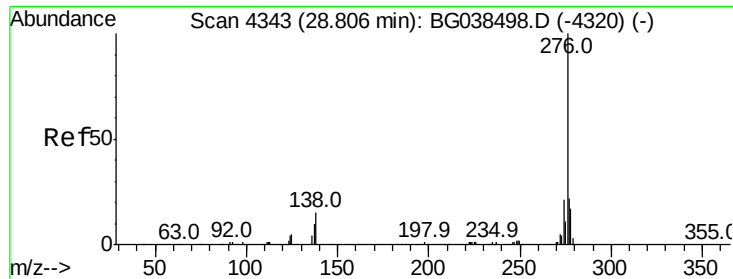


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

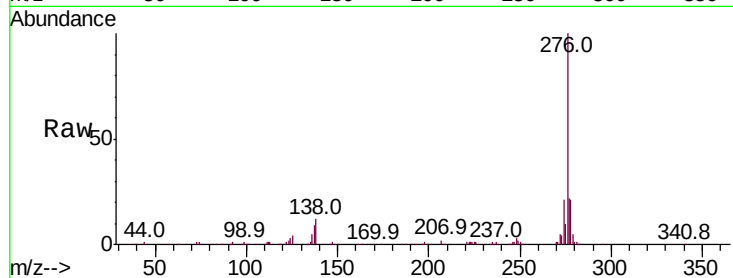




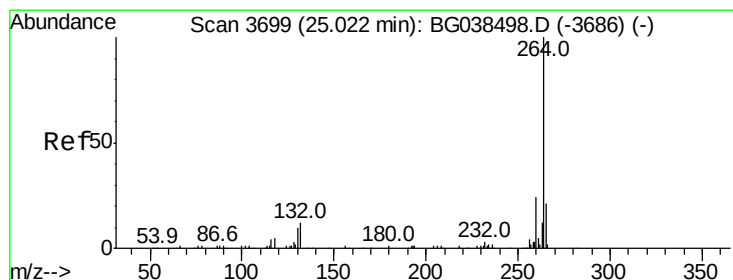
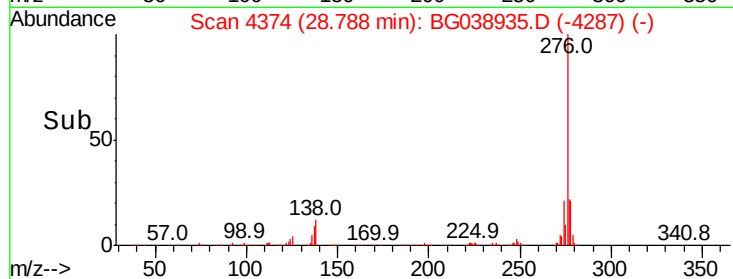
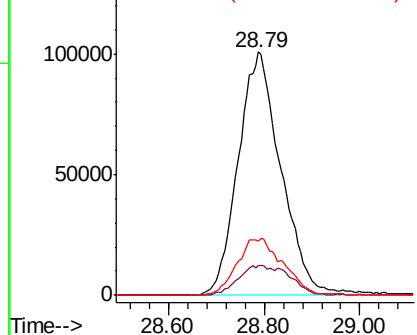
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 48.712 ng
 RT: 28.79 min Scan# 4374
 Delta R.T. -0.02 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 621228
 Ion Ratio Lower Upper
 276 100
 138 0.0 14.4 21.6#
 277 25.1 0.0 0.0#

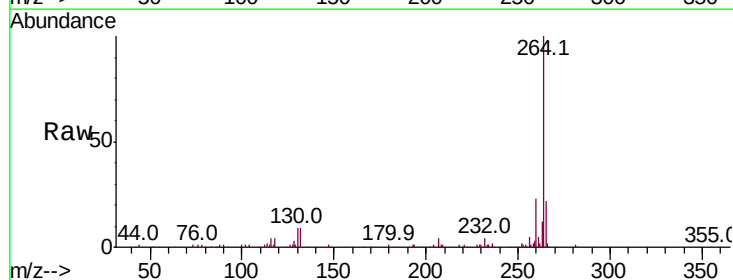


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

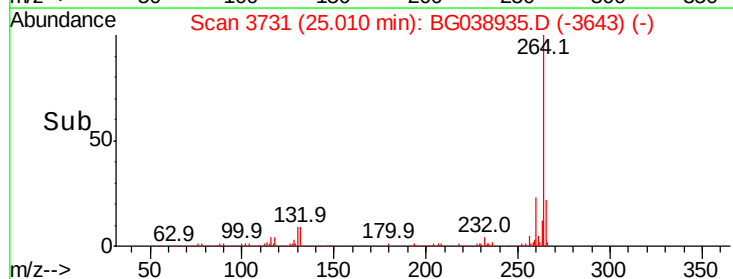
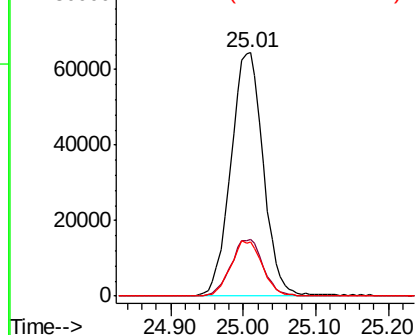


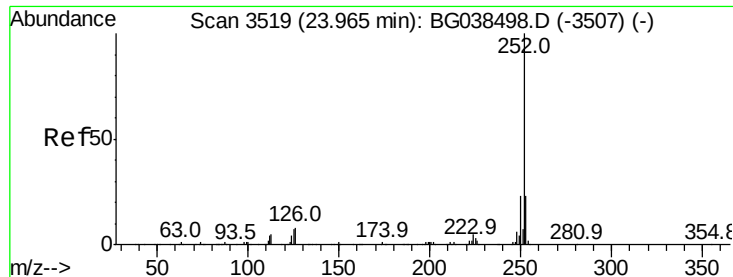
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG038935.D
 Acq: 4 Jan 2019 18:30

Tgt Ion:264 Resp: 200283
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 22.5 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

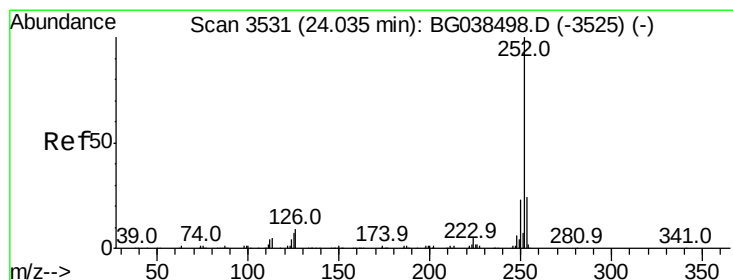
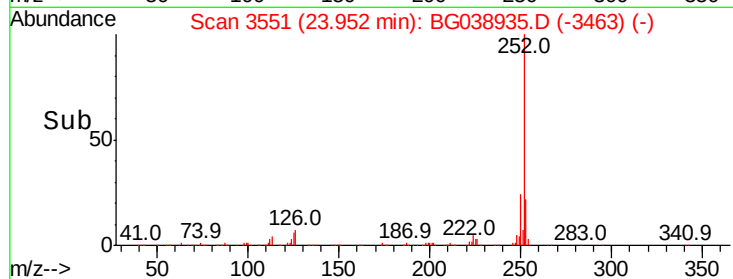
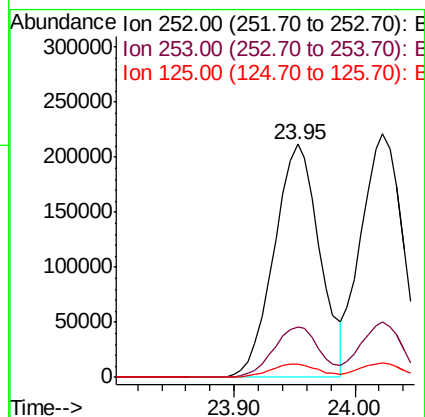
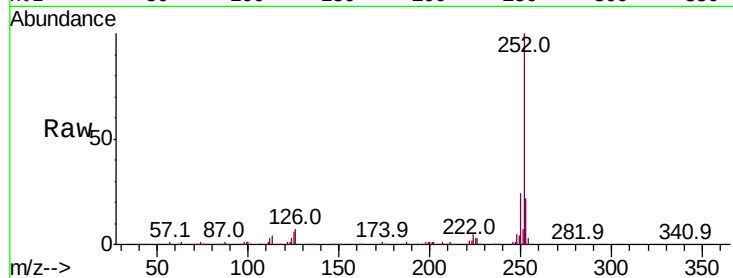




#88
Benzo(b)fluoranthene
Concen: 50.313 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

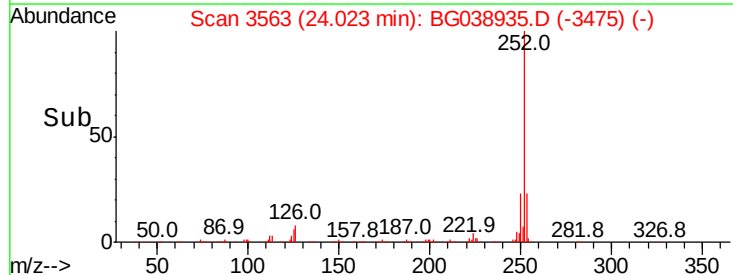
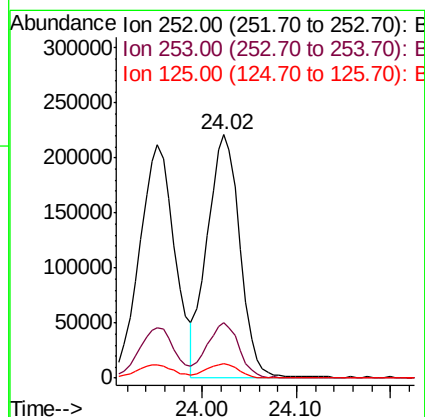
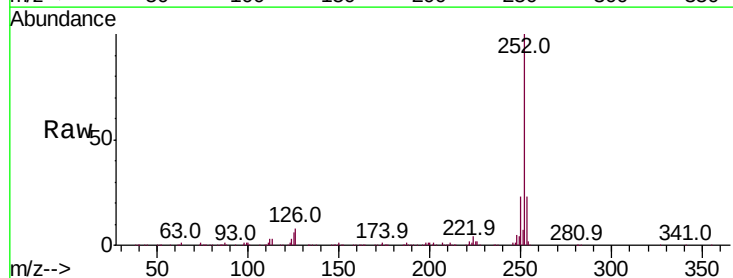
Instrument :
BNA_G
ClientSampled :

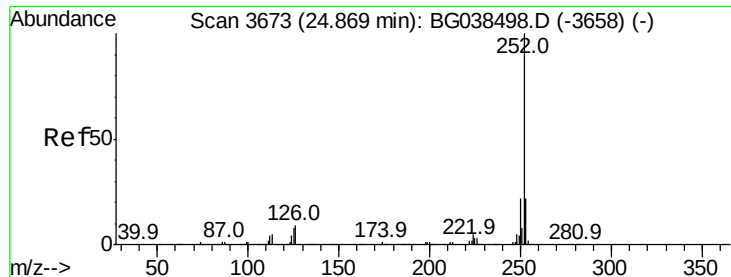
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	5.6	5.5	8.3



#89
Benzo(k)fluoranthene
Concen: 48.809 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038935.D
Acq: 4 Jan 2019 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	6.1	5.4	8.2





#90

Benzo(a)pyrene

Concen: 50.142 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

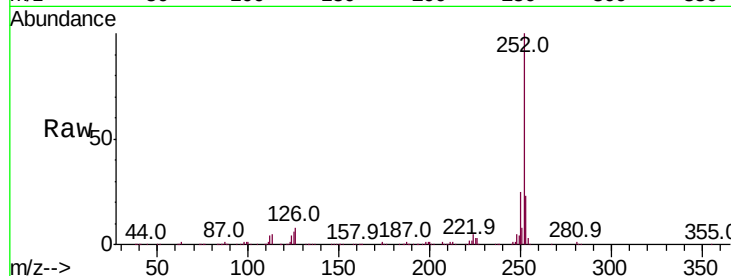
Tot Ion:252 Resp: 531936

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

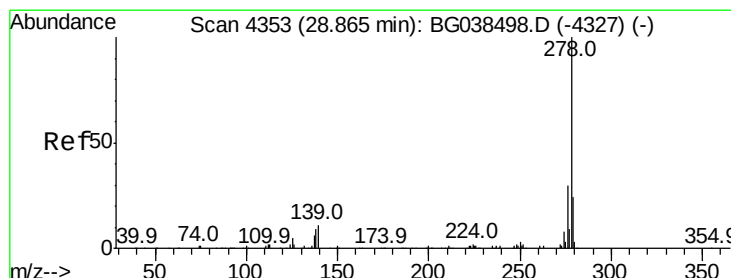
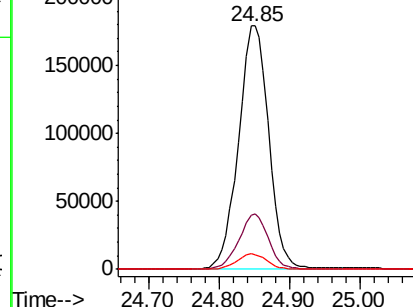
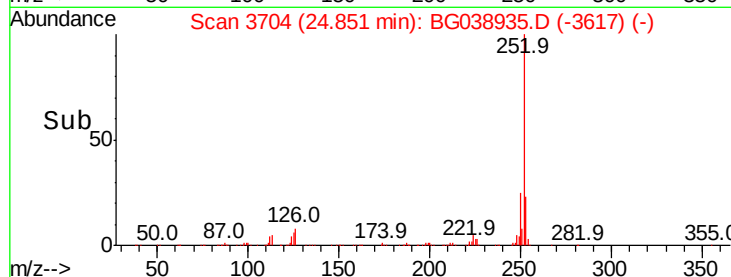
125 6.0 6.4 9.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 47.771 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

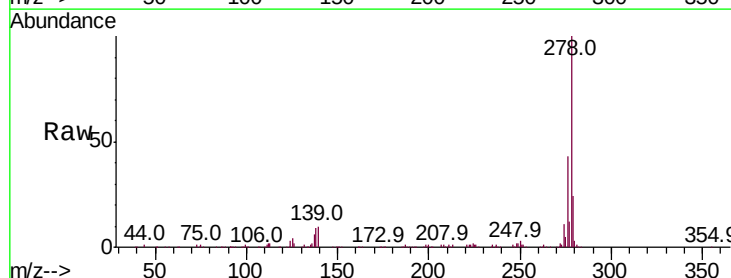
Tgt Ion:278 Resp: 504588

Ion Ratio Lower Upper

278 100

139 9.9 8.6 12.8

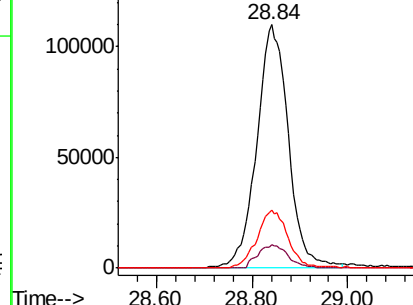
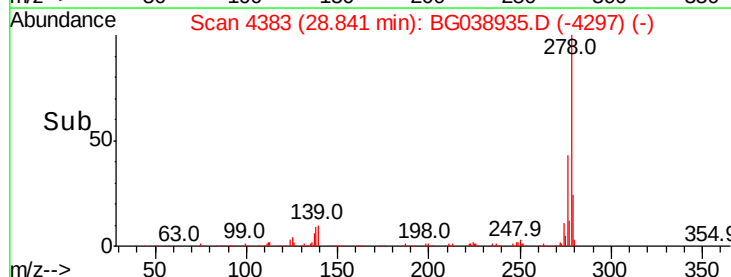
279 23.6 19.0 28.6

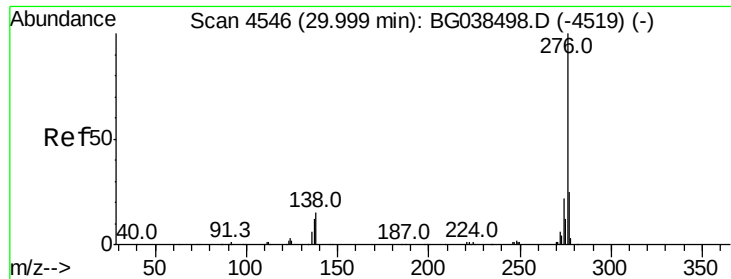


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 48.608 ng

RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038935.D

Acq: 4 Jan 2019 18:30

Instrument :

BNA_G

ClientSampleId :

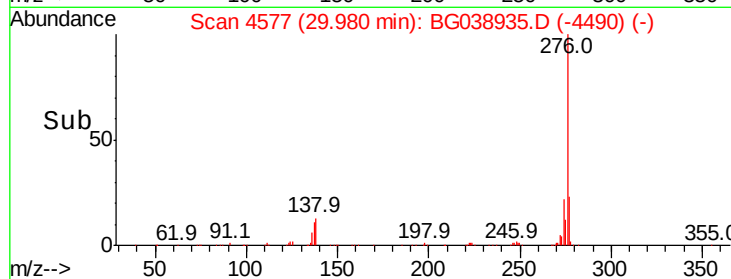
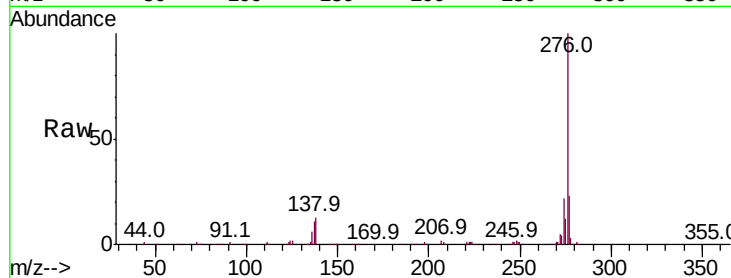
Tot Ion:276 Resp: 505990

Ion Ratio Lower Upper

276 100

277 23.0 19.8 29.8

138 12.7 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

