

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039023.D
 Acq On : 9 Jan 2019 16:33
 Operator : JU/SJ
 Sample : PB116250BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:19:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20815	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	91492	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69757	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	185545	20.00	ng	0.00
76) Chrysene-d12	21.70	240	195452	20.00	ng	0.00
87) Perylene-d12	24.98	264	191239	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	175757	160.18	ng	0.00
7) Phenol-d6	7.19	99	242527	153.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	120524	72.08	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	157072	134.33	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	350016	68.67	ng	0.00
79) Terphenyl-d14	20.03	244	748621	70.85	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	14275	33.221	ng	95
3) Pyridine	3.86	79	38878	33.298	ng	95
4) n-Nitrosodimethylamine	3.78	42	24481	46.595	ng	89
6) Aniline	7.36	93	70729	37.295	ng	97
8) 2-Chlorophenol	7.59	128	64797	50.096	ng	97
9) Benzaldehyde	7.17	77	11778	12.933	ng	92
10) Phenol	7.22	94	82615	52.183	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	50268	41.543	ng	97
12) 1,3-Dichlorobenzene	7.91	146	61769	39.858	ng	97
13) 1,4-Dichlorobenzene	8.06	146	64192	40.900	ng	97
14) 1,2-Dichlorobenzene	8.38	146	62779	41.952	ng	96
15) Benzyl Alcohol	8.28	79	56938	47.879	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99628	42.939	ng	98
17) 2-Methylphenol	8.48	107	56069	51.003	ng	95
18) Hexachloroethane	9.10	117	22462	42.126	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	45081	43.474	ng	# 97
20) 3+4-Methylphenols	8.80	107	78227	49.910	ng	98
22) Acetophenone	8.86	105	92455	38.695	ng	# 96
24) Nitrobenzene	9.25	77	69381	41.053	ng	98
25) Isophorone	9.76	82	136588	47.424	ng	99
26) 2-Nitrophenol	9.96	139	38949	42.608	ng	97
27) 2,4-Dimethylphenol	10.01	122	70002	54.431	ng	91
28) bis(2-Chloroethoxy)methane	10.25	93	76499	44.194	ng	99
29) 2,4-Dichlorophenol	10.50	162	76520	47.894	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	76387	39.791	ng	95
31) Naphthalene	10.90	128	201604	43.935	ng	99
32) Benzoic acid	10.18	122	32622	42.573	ng	98
33) 4-Chloroaniline	11.01	127	66202	32.242	ng	99
34) Hexachlorobutadiene	11.16	225	50422	38.172	ng	96
35) Caprolactam	11.80	113	14192	22.152	ng	98
36) 4-Chloro-3-methylphenol	12.13	107	80310	46.997	ng	96
37) 2-Methylnaphthalene	12.50	142	162352	47.191	ng	98
38) 1-Methylnaphthalene	12.50	142	162352	49.165	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	101967	38.922	ng	99

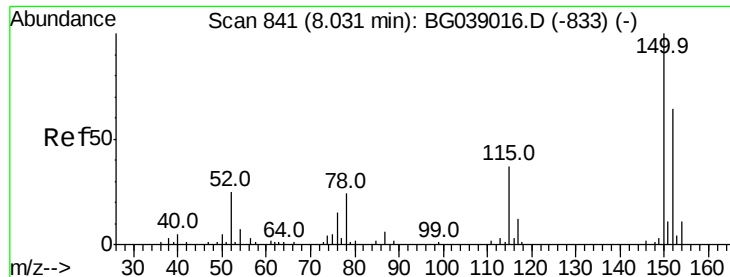
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039023.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	119776	81.094	ng	100
43) 2,4,6-Trichlorophenol	13.11	196	72900	44.213	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	76864	44.107	ng	99
46) 1,1'-Biphenyl	13.51	154	220204	39.839	ng	99
47) 2-Chloronaphthalene	13.55	162	182725	40.851	ng	99
48) 2-Nitroaniline	13.77	65	54323	43.351	ng	92
49) Acenaphthylene	14.40	152	297316	44.223	ng	100
50) Dimethylphthalate	14.12	163	252644	42.859	ng	98
51) 2,6-Dinitrotoluene	14.26	165	57705	43.785	ng	96
52) Acenaphthene	14.74	154	171115	42.362	ng	96
53) 3-Nitroaniline	14.59	138	43060	32.208	ng	95
54) 2,4-Dinitrophenol	14.80	184	77592	97.230	ng	98
55) Dibenzofuran	15.07	168	301706	42.291	ng	98
56) 4-Nitrophenol	14.90	139	88960	92.477	ng	97
57) 2,4-Dinitrotoluene	15.04	165	83768	44.303	ng	# 97
58) Fluorene	15.72	166	240557	44.797	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	79924	48.585	ng	97
60) Diethylphthalate	15.48	149	260798	42.941	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	138383	40.904	ng	99
62) 4-Nitroaniline	15.76	138	57437	41.240	ng	96
63) Azobenzene	16.00	77	197099	41.498	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	58059	42.236	ng	94
66) n-Nitrosodiphenylamine	15.93	169	227168	41.300	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	95759	40.149	ng	99
68) Hexachlorobenzene	16.72	284	102757	39.483	ng	98
69) Atrazine	16.87	200	94768	40.556	ng	95
70) Pentachlorophenol	17.07	266	114467	71.825	ng	99
71) Phenanthrene	17.47	178	428439	43.686	ng	99
72) Anthracene	17.56	178	435108	44.871	ng	99
73) Carbazole	17.84	167	391281	40.875	ng	99
74) Di-n-butylphthalate	18.36	149	456963	42.911	ng	99
75) Fluoranthene	19.47	202	544925	44.820	ng	99
77) Benzidine	19.66	184	198529	33.209	ng	99
78) Pyrene	19.84	202	540980	43.432	ng	98
80) Butylbenzylphthalate	20.70	149	203224	42.897	ng	99
81) Benzo(a)anthracene	21.68	228	531112	44.638	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	165338	34.106	ng	99
83) Chrysene	21.75	228	491969	43.475	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	284427	43.239	ng	96
85) Di-n-octyl phthalate	22.76	149	487847	43.860	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	619276	45.799	ng	# 96
88) Benzo(b)fluoranthene	23.93	252	541183	51.322	ng	100
89) Benzo(k)fluoranthene	24.00	252	509495	48.868	ng	97
90) Benzo(a)pyrene	24.83	252	522526	51.266	ng	98
91) Dibenzo(a,h)anthracene	28.80	278	513655	50.666	ng	100
92) Benzo(g,h,i)perylene	29.94	276	507599	50.575	ng	97

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

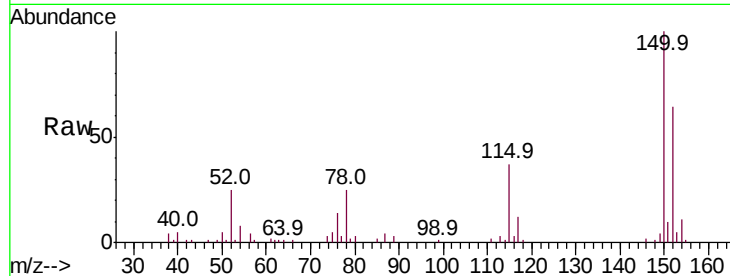


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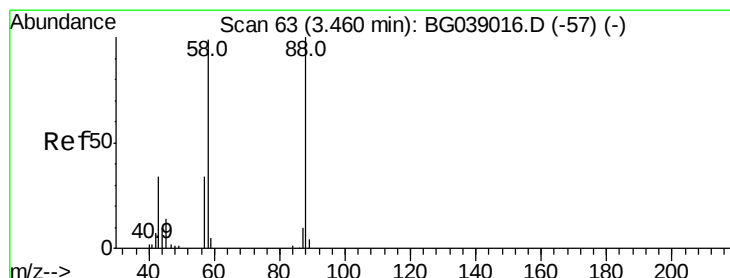
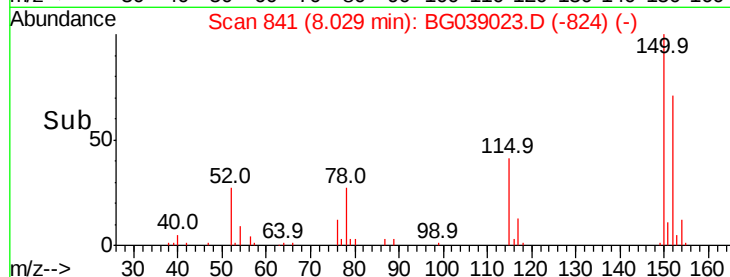
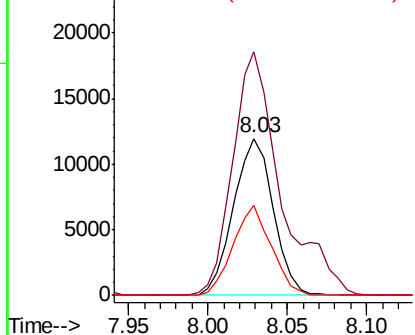
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 20815
Ion Ratio Lower Upper
152 100
150 155.4 124.7 187.1
115 57.7 46.5 69.7



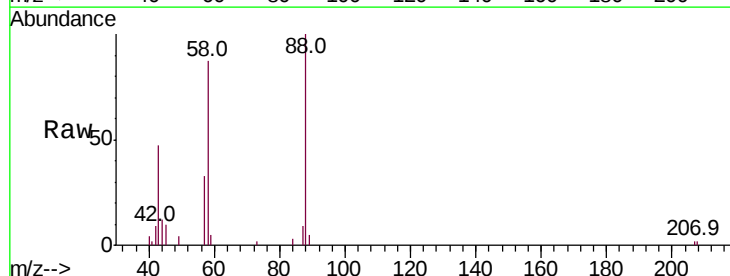
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



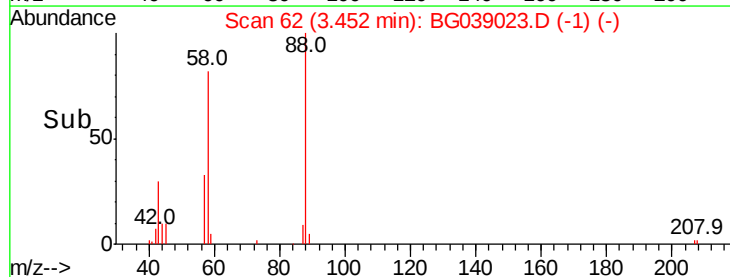
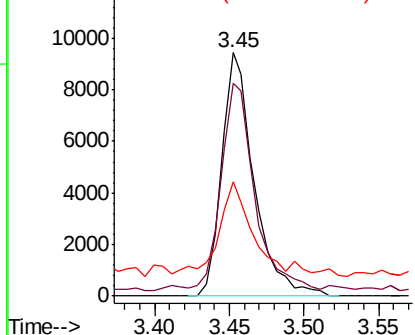
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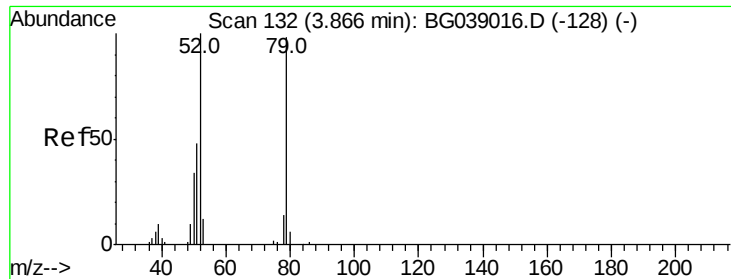
1,4-Dioxane
Concen: 33.221 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion: 88 Resp: 14275
Ion Ratio Lower Upper
88 100
58 85.9 72.4 108.6
43 37.6 27.6 41.4



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

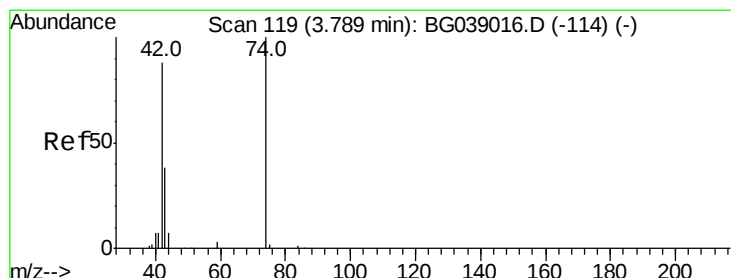
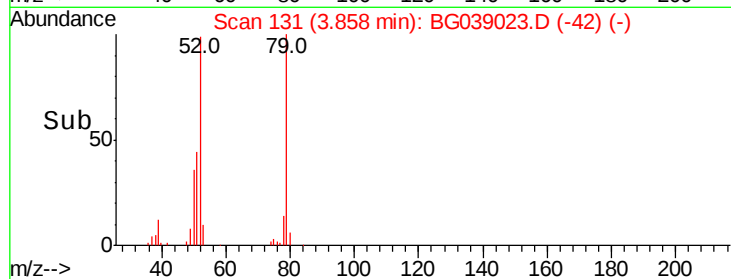
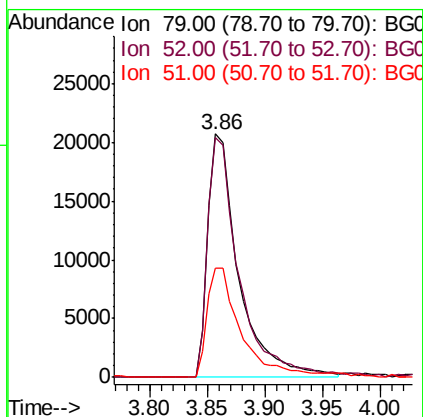
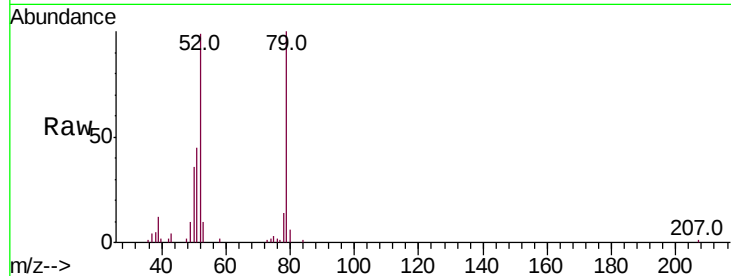




#3
 Pvridine
 Concen: 33.298 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

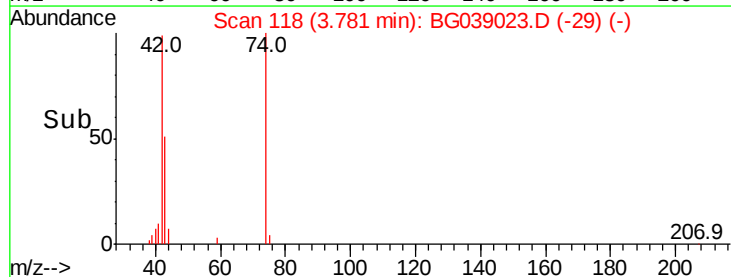
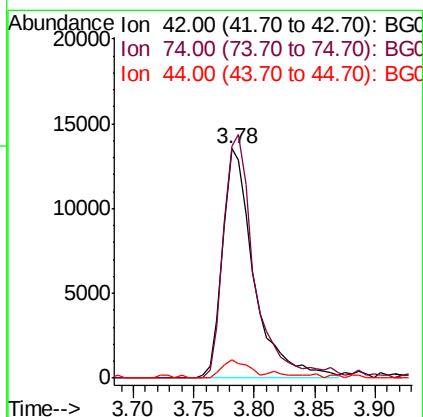
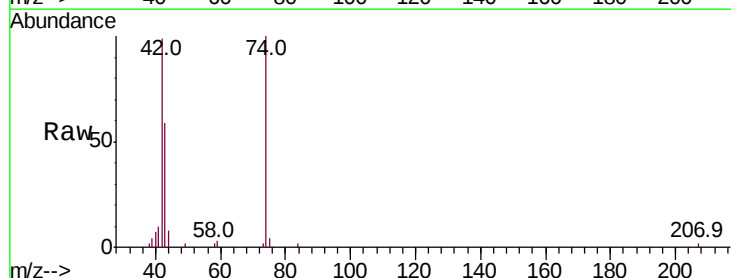
Instrument :
 BNA_G
 ClientSampled :

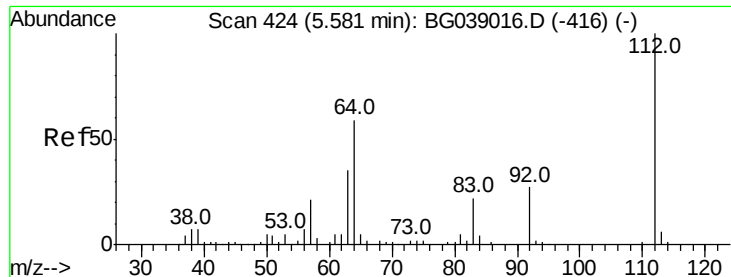
Tot Ion: 79 Resp: 38878
 Ion Ratio Lower Upper
 79 100
 52 98.5 81.5 122.3
 51 44.9 39.8 59.6



#4
 n-Nitrosodimethylamine
 Concen: 46.595 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion: 42 Resp: 24481
 Ion Ratio Lower Upper
 42 100
 74 101.0 90.7 136.1
 44 7.9 6.5 9.7

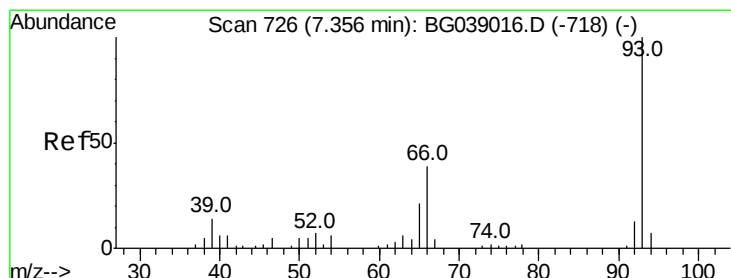
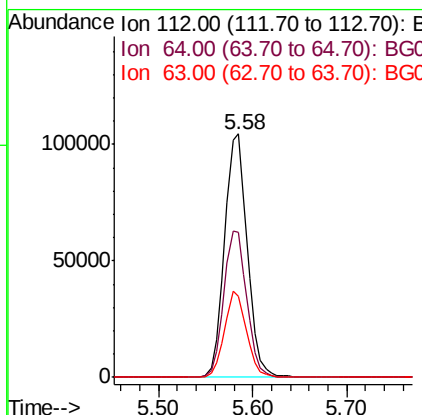
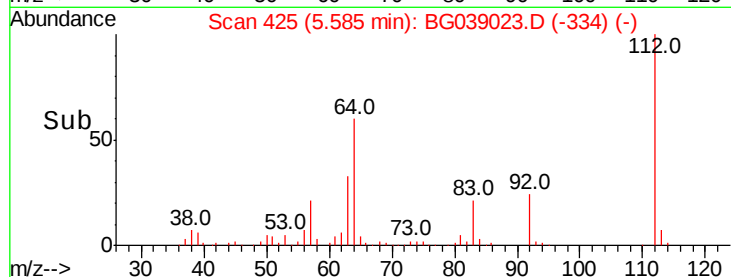
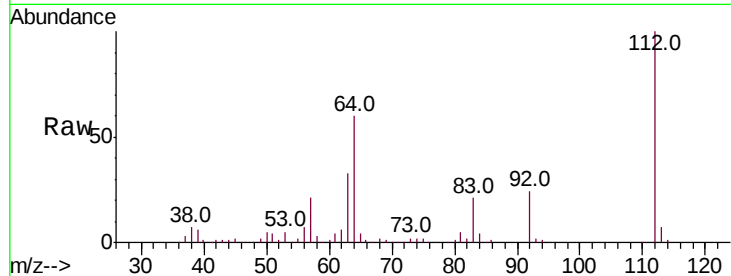




#5
 2-Fluorophenol
 Concen: 160.177 ng
 RT: 5.58 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

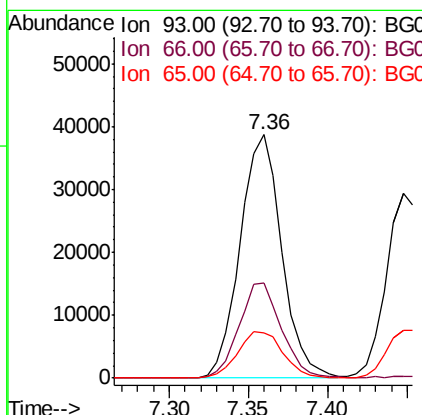
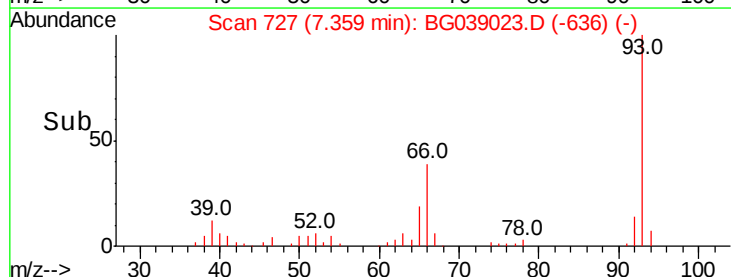
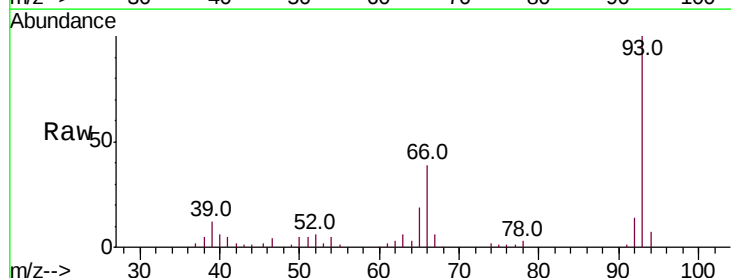
Instrument :
 BNA_G
 ClientSampled :

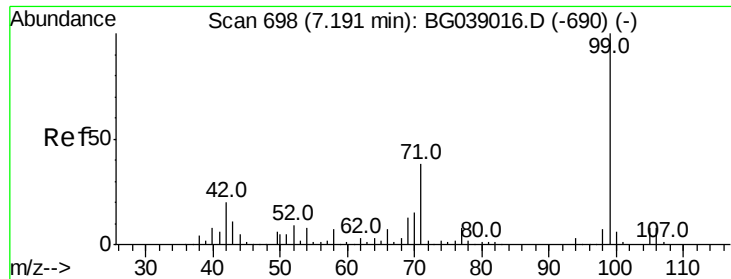
Tot Ion:112 Resp: 175757
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.0 70.6
 63 33.5 28.0 42.0



#6
 Aniline
 Concen: 37.295 ng
 RT: 7.36 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion: 93 Resp: 70729
 Ion Ratio Lower Upper
 93 100
 66 39.3 30.9 46.3
 65 18.7 17.0 25.4





#7

Phenol-d6

Concen: 153.584 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

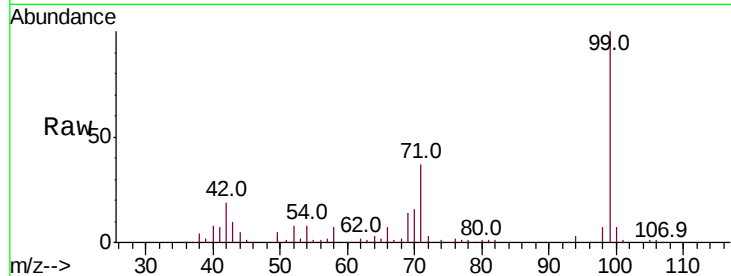
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 242527

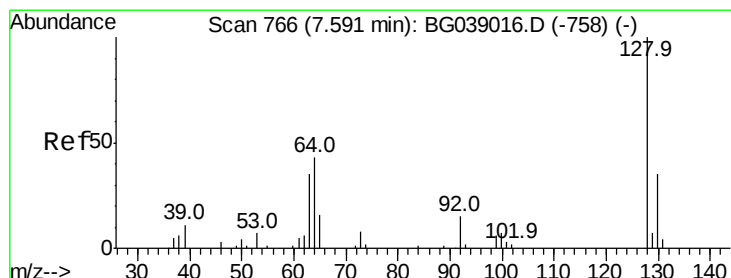
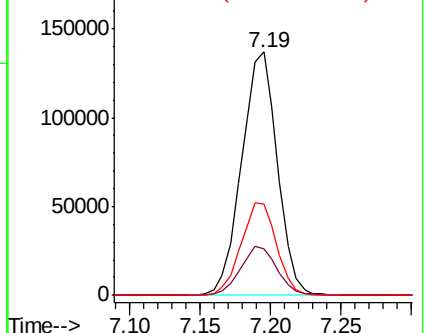
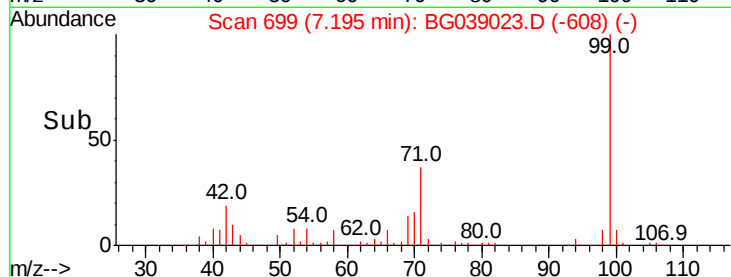
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	37.3	30.2	45.4



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: 50.096 ng

RT: 7.59 min Scan# 767

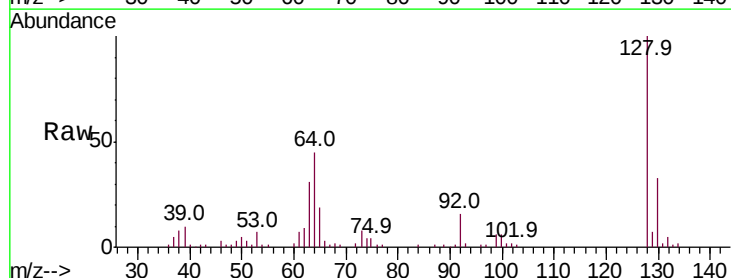
Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion: 128 Resp: 64797

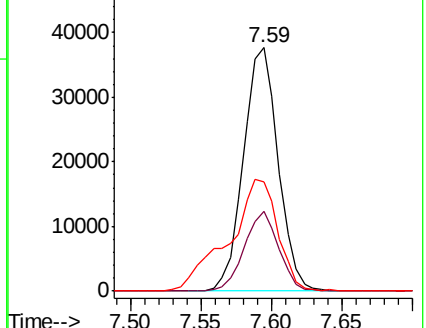
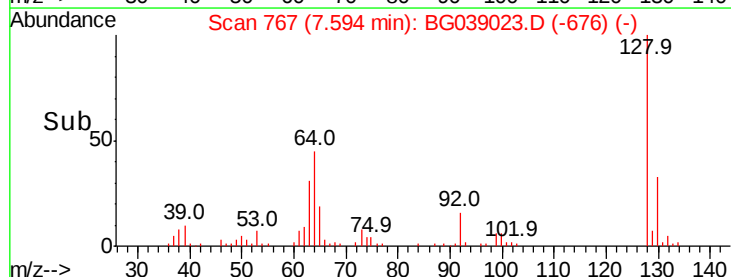
Ion	Ratio	Lower	Upper
128	100		
130	32.7	14.5	54.5
64	44.8	27.3	67.3

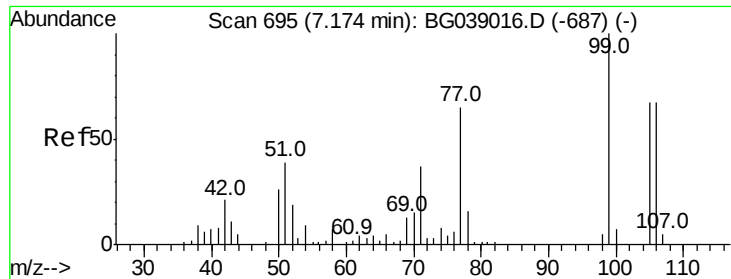


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.933 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampled :

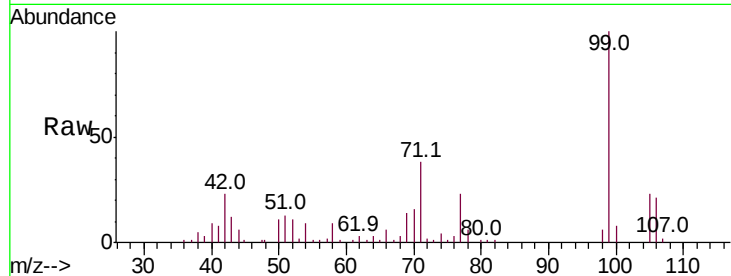
Tot Ion: 77 Resp: 11778

Ion Ratio Lower Upper

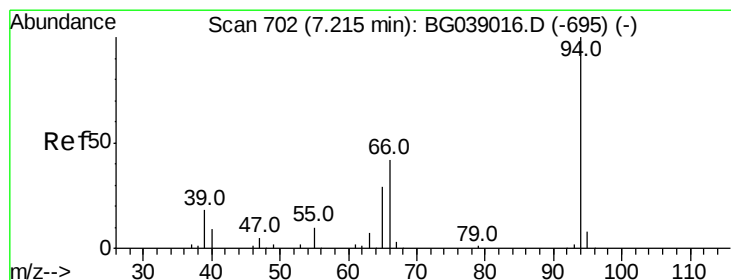
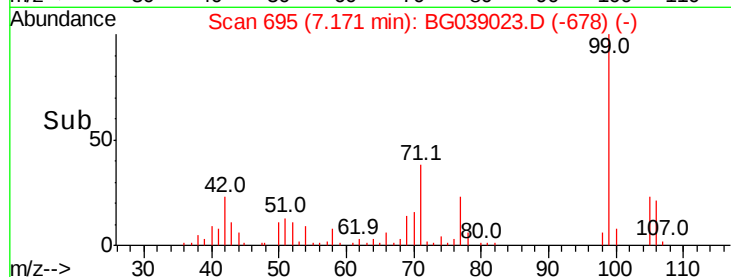
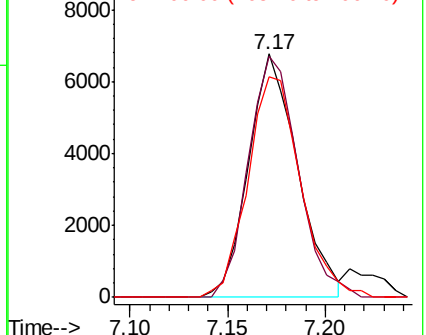
77 100

105 99.0 82.4 122.4

106 90.4 82.8 122.8



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: 52.183 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

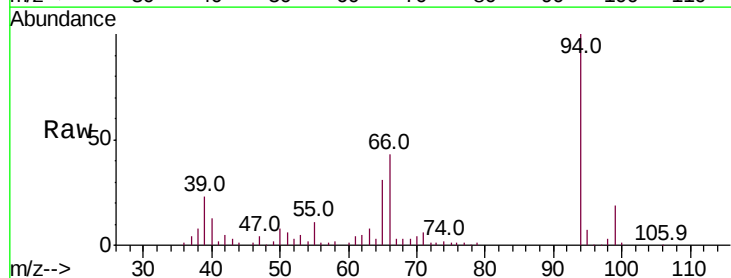
Tgt Ion: 94 Resp: 82615

Ion Ratio Lower Upper

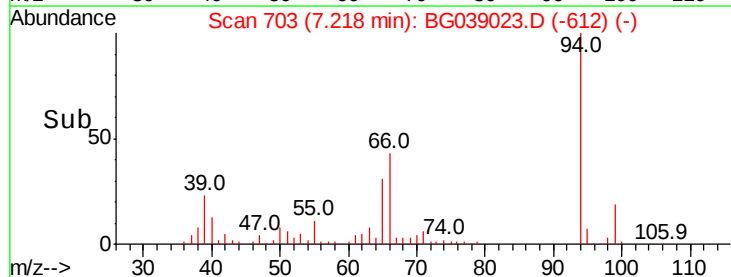
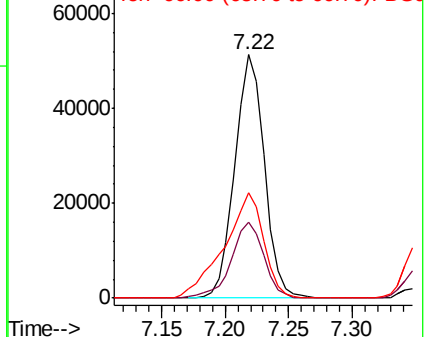
94 100

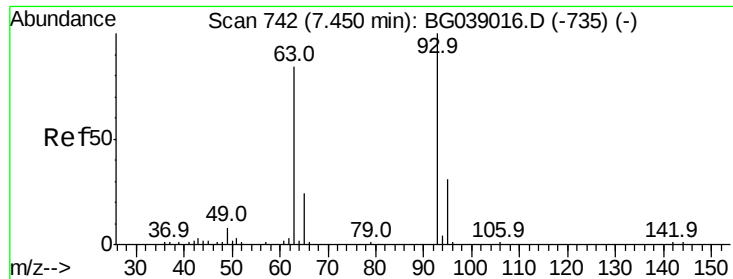
65 31.3 10.3 50.3

66 43.1 25.1 65.1



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

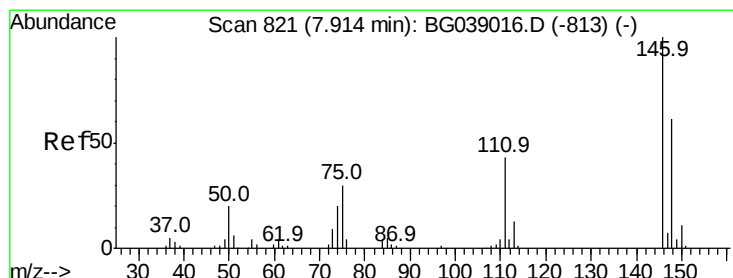
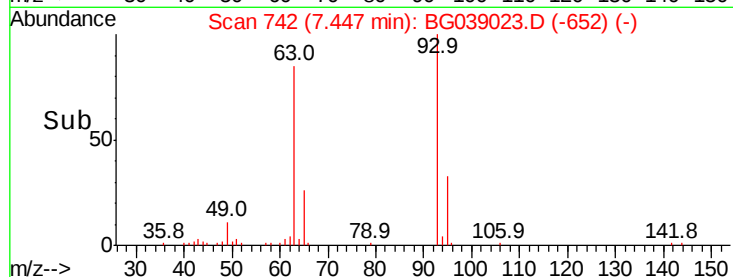
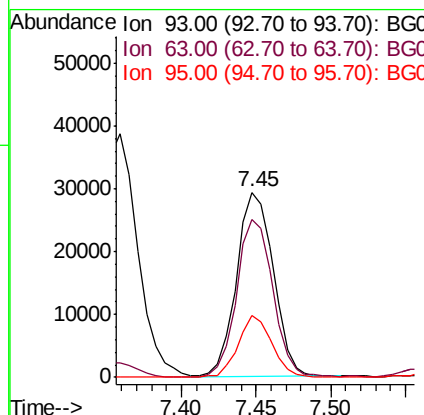
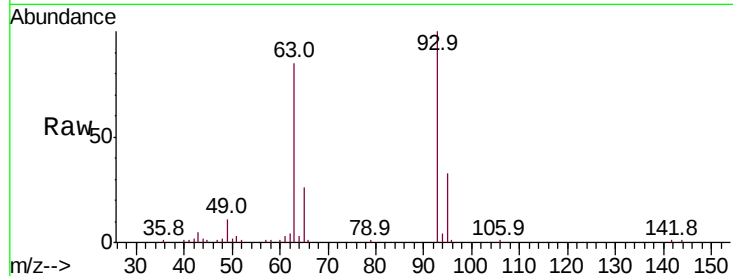




#11
 bis(2-Chloroethyl)ether
 Concen: 41.543 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

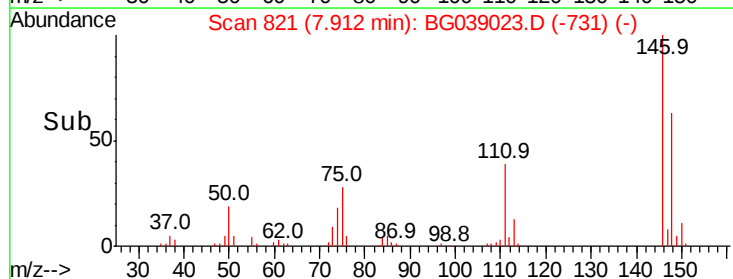
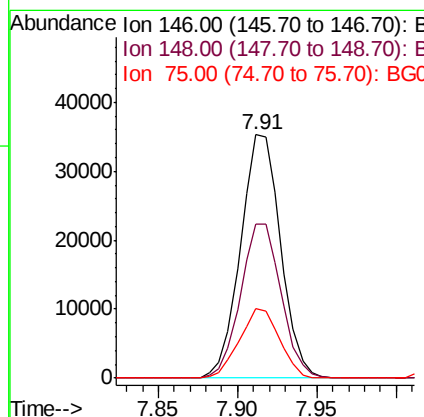
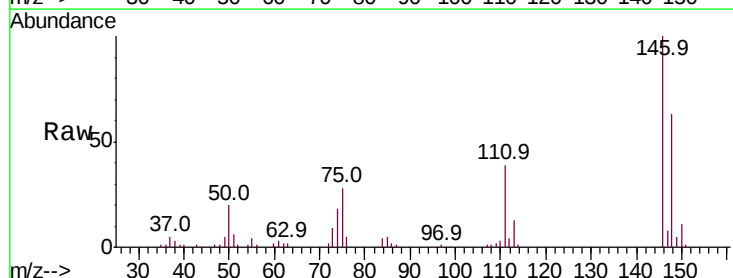
Instrument :
 BNA_G
 ClientSampled :

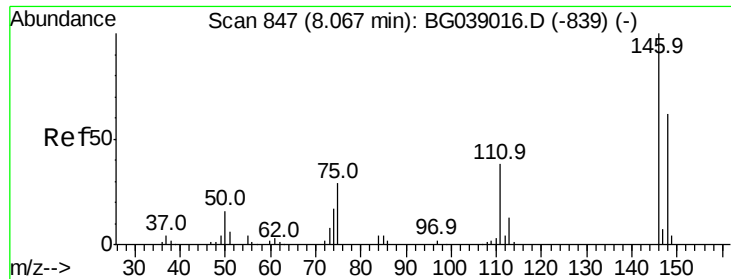
Tot Ion: 93 Resp: 50268
 Ion Ratio Lower Upper
 93 100
 63 85.2 63.2 103.2
 95 33.4 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.858 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion: 146 Resp: 61769
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.1 73.7
 75 28.5 23.9 35.9

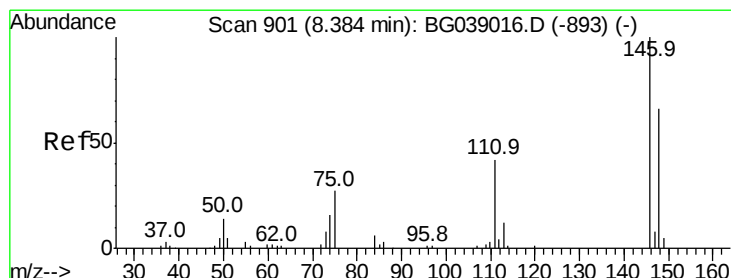
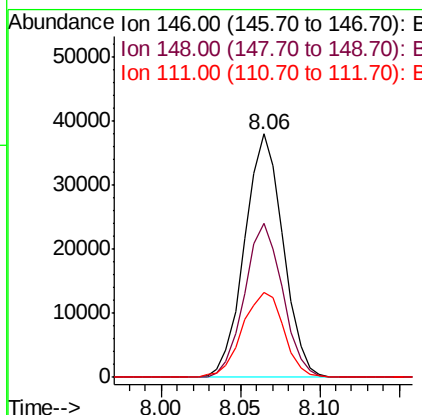
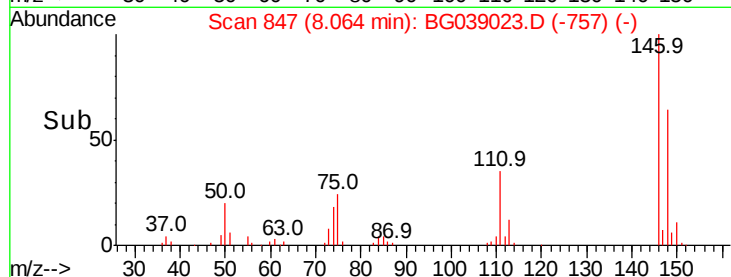
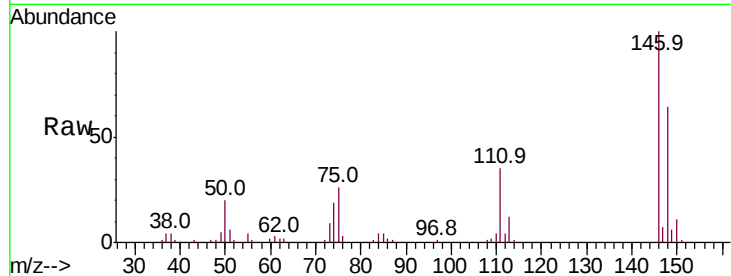




#13
 1,4-Dichlorobenzene
 Concen: 40.900 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

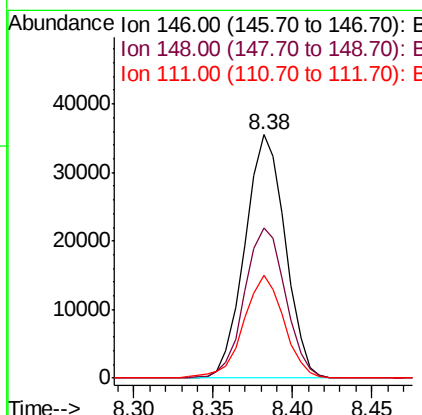
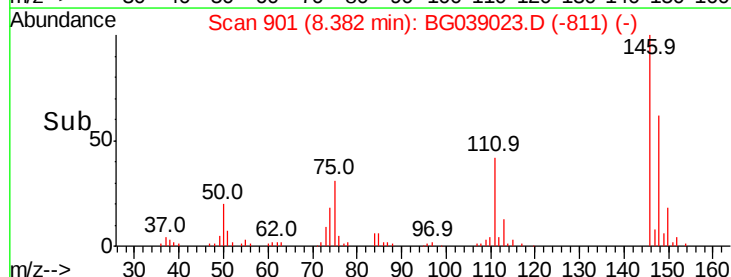
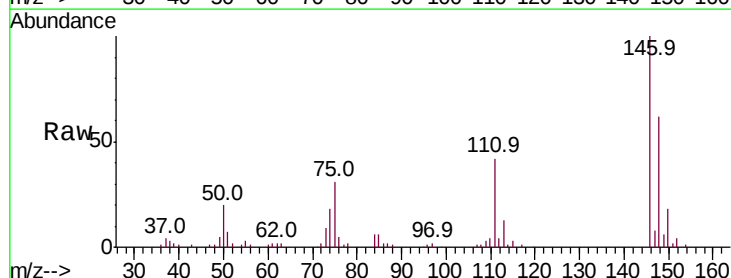
Instrument :
 BNA_G
 ClientSampled :

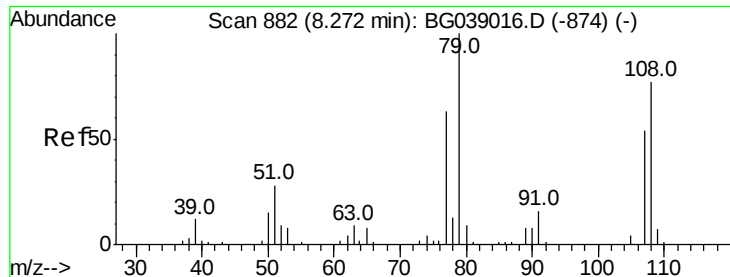
Tot Ion:146 Resp: 64192
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.8 74.6
 111 35.0 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 41.952 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion:146 Resp: 62779
 Ion Ratio Lower Upper
 146 100
 148 61.5 52.6 79.0
 111 42.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 47.879 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

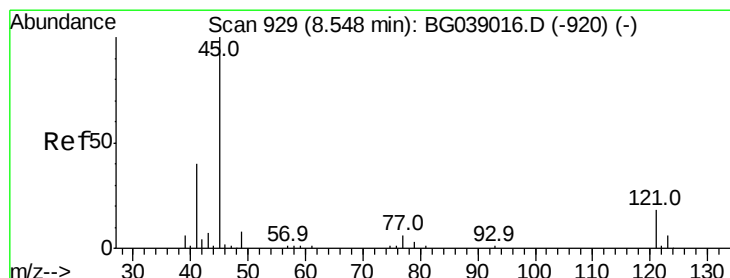
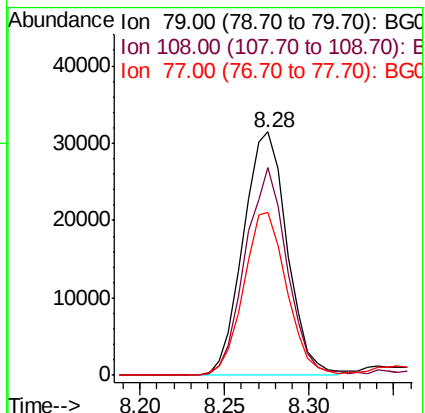
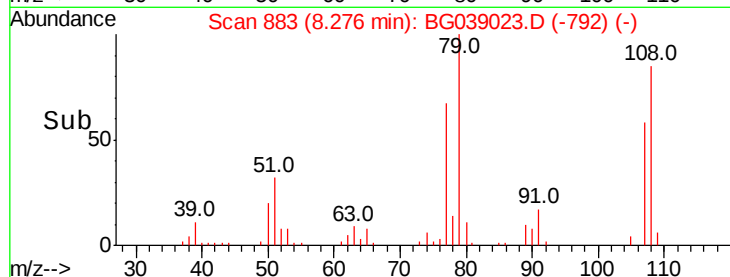
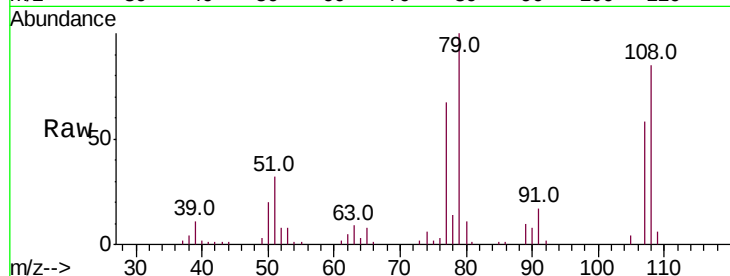
Tot Ion: 79 Resp: 56938

Ion Ratio Lower Upper

79 100

108 85.3 62.0 93.0

77 66.9 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.939 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

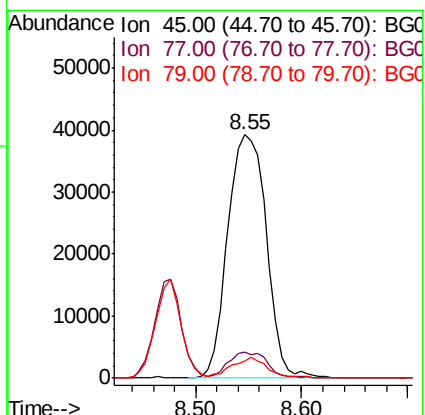
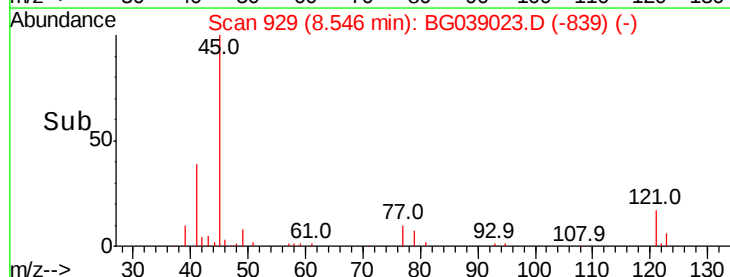
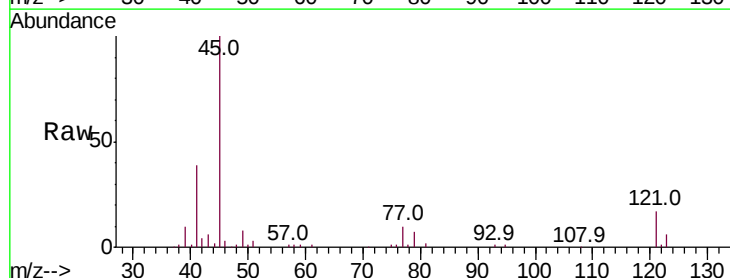
Tgt Ion: 45 Resp: 99628

Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.7

79 7.2 0.0 28.5

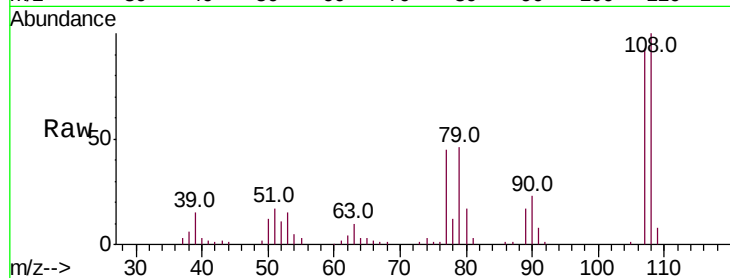




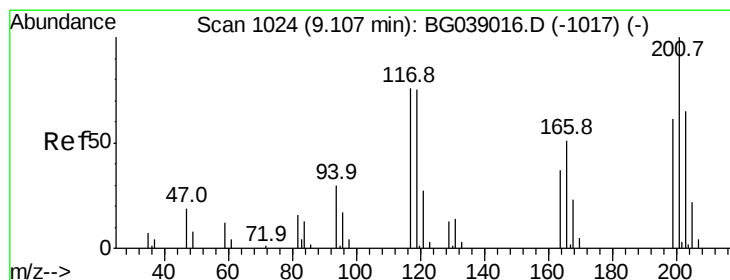
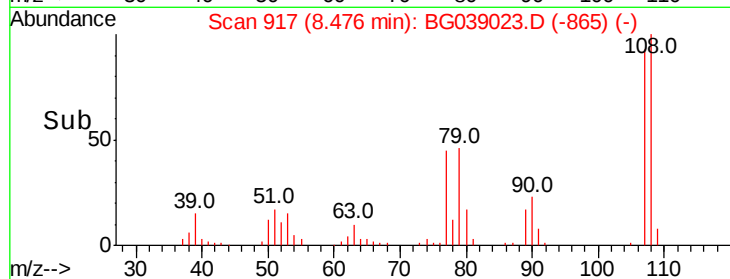
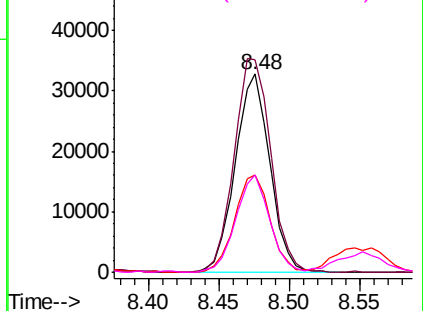
#17
2-Methylphenol
Concen: 51.003 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 56069
Ion Ratio Lower Upper
107 100
108 107.4 90.3 135.5
77 48.8 38.3 57.5
79 48.9 35.8 53.6

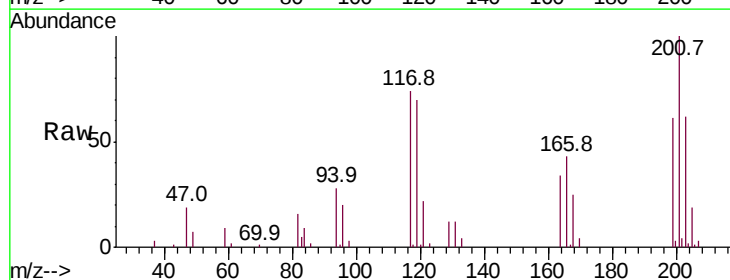


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

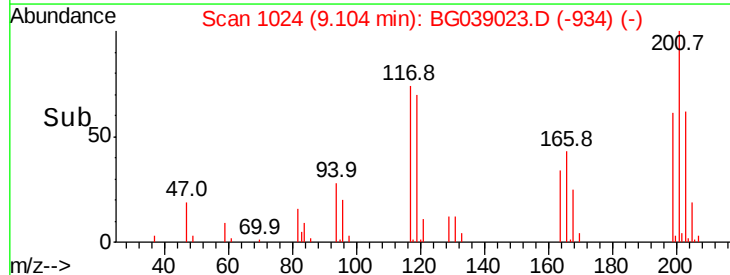
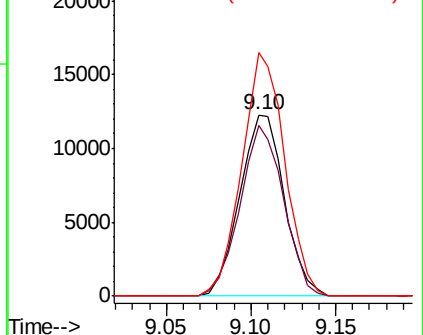


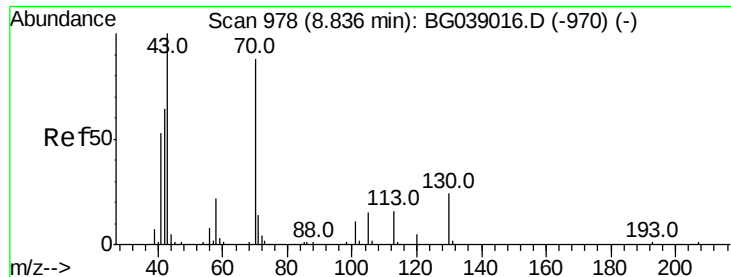
#18
Hexachloroethane
Concen: 42.126 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:117 Resp: 22462
Ion Ratio Lower Upper
117 100
119 93.4 78.7 118.1
201 132.8 108.1 162.1



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

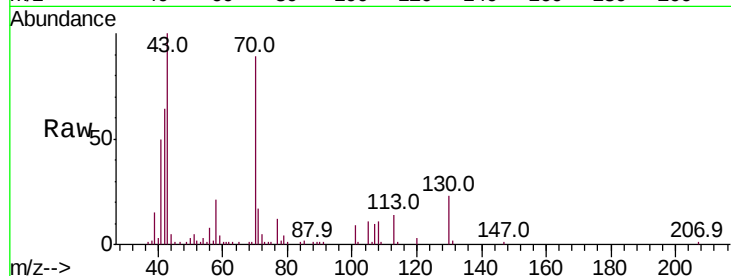




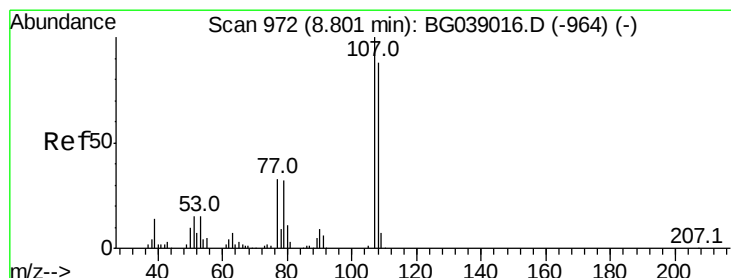
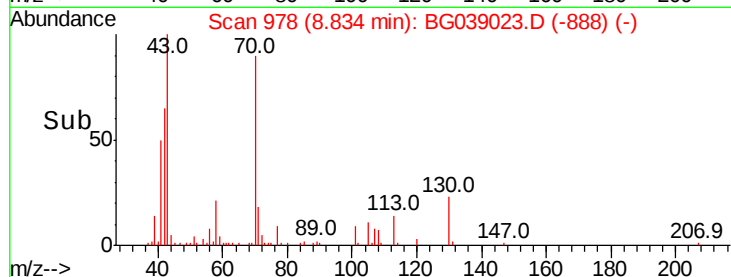
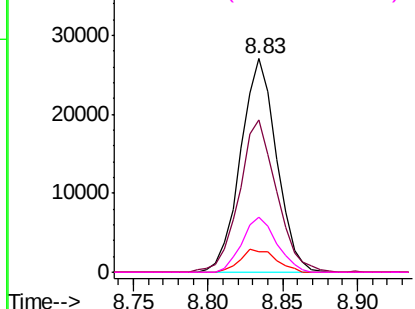
#19
n-Nitroso-di-n-propylamine
Concen: 43.474 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 45081
Ion Ratio Lower Upper
70 100
42 71.6 59.0 88.4
101 9.9 10.4 15.6#
130 26.0 21.6 32.4



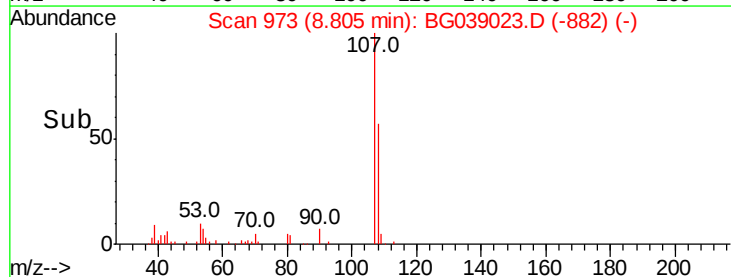
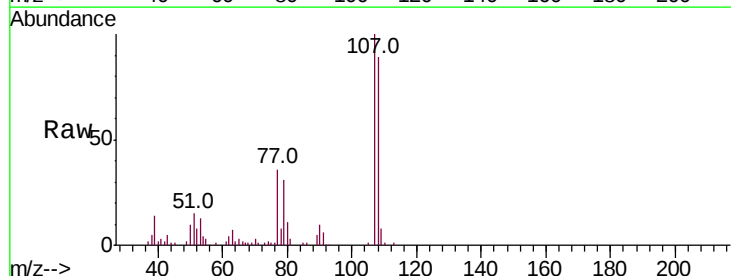
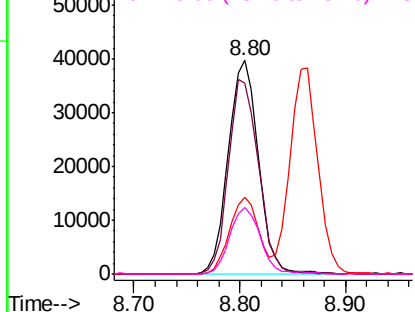
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

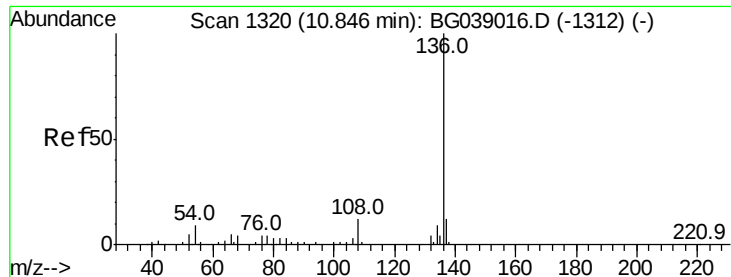


#20
3+4-Methylphenols
Concen: 49.910 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:107 Resp: 78227
Ion Ratio Lower Upper
107 100
108 89.1 68.4 108.4
77 35.9 13.3 53.3
79 31.1 11.6 51.6

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

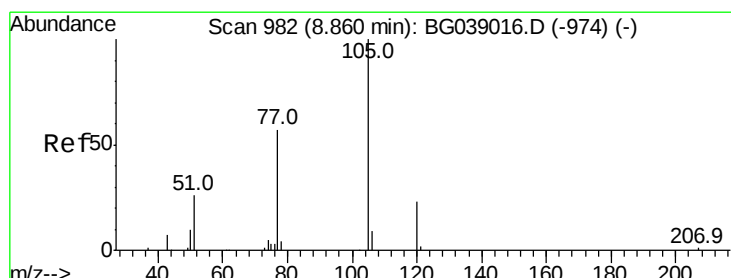
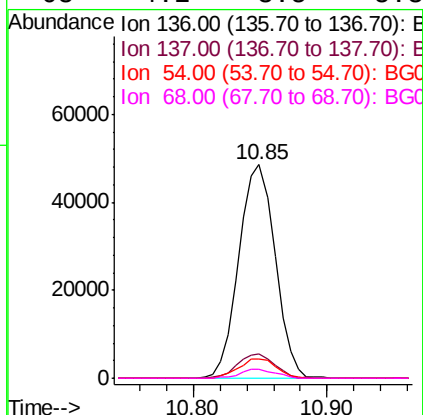
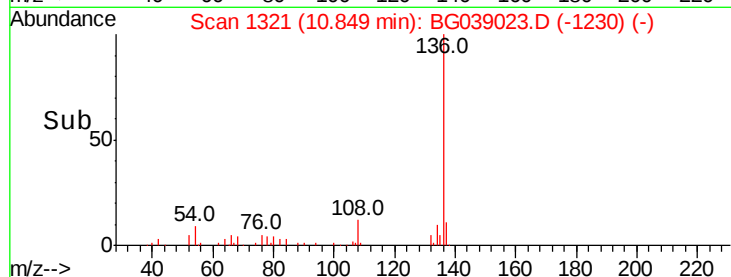
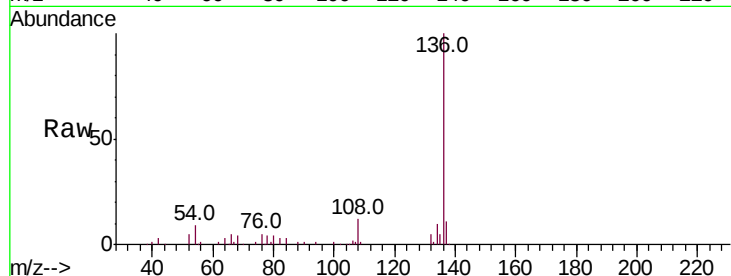




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

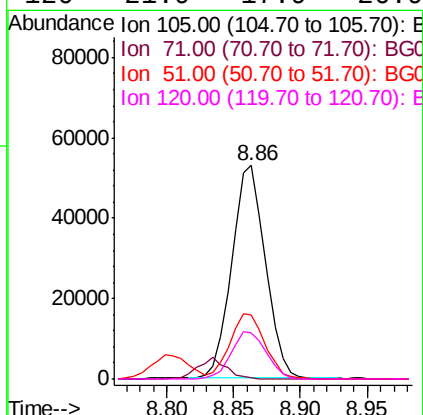
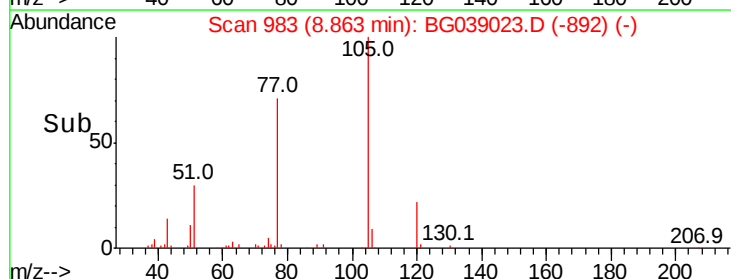
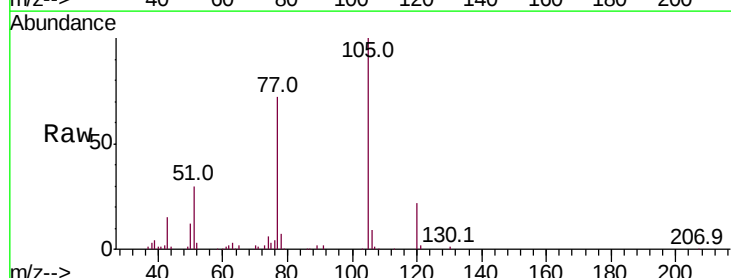
Instrument :
BNA_G
ClientSampleId :

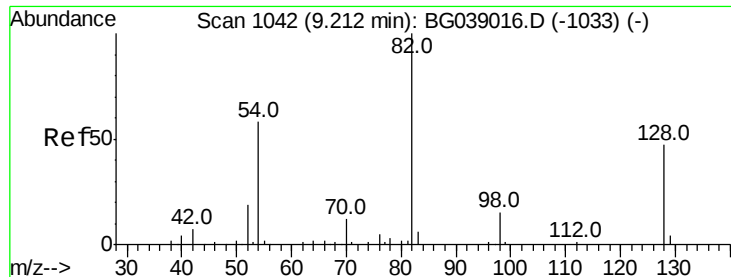
Tot Ion:136	Resp:	91492
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.4 14.2
54	8.8	7.2 10.8
68	4.2	3.5 5.3



#22
Acetophenone
Concen: 38.695 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:105	Resp:	92455
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0#
51	30.0	26.6 39.8
120	21.9	17.9 26.9

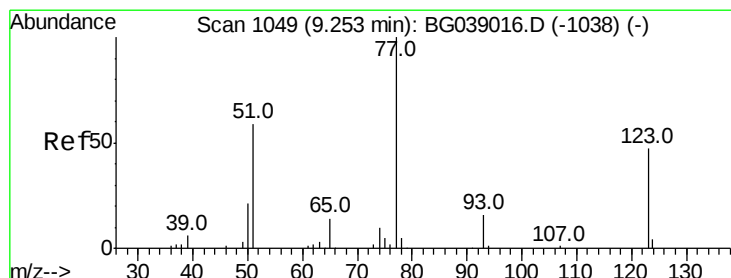
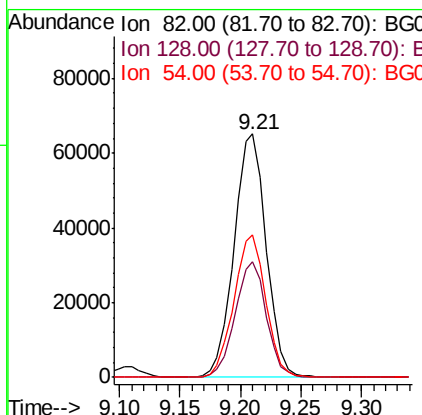
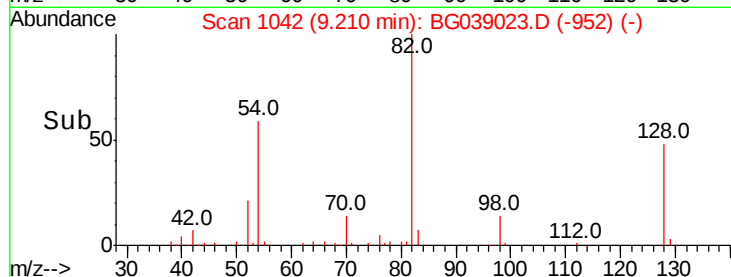
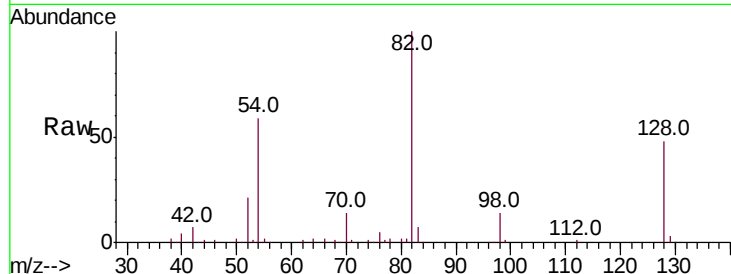




#23
 Nitrobenzene-d5
 Concen: 72.083 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

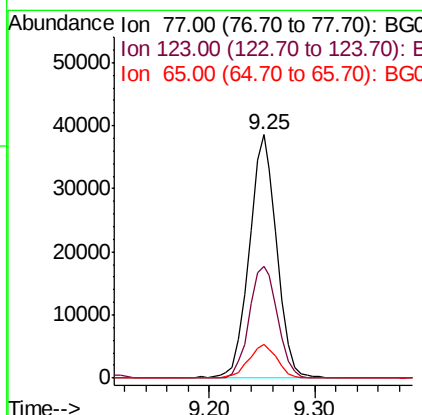
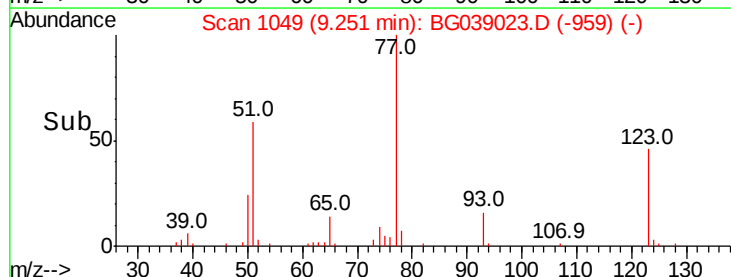
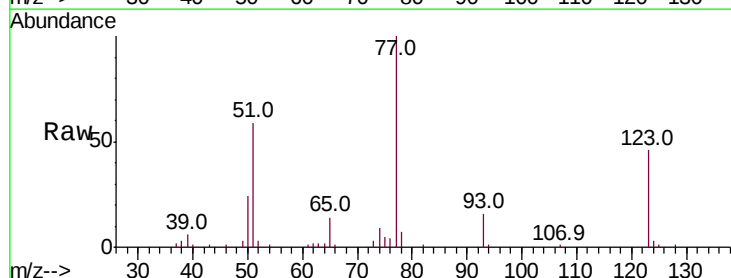
Instrument :
 BNA_G
 ClientSampleId :

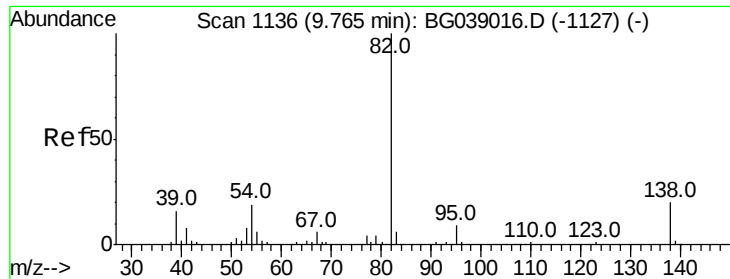
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.3	55.9
54	58.6	46.4	69.6



#24
 Nitrobenzene
 Concen: 41.053 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.6	56.4
65	14.0	11.0	16.6

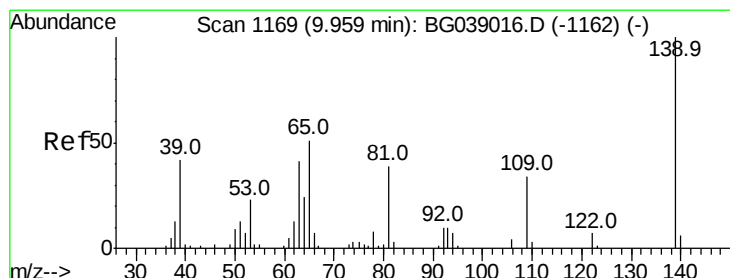
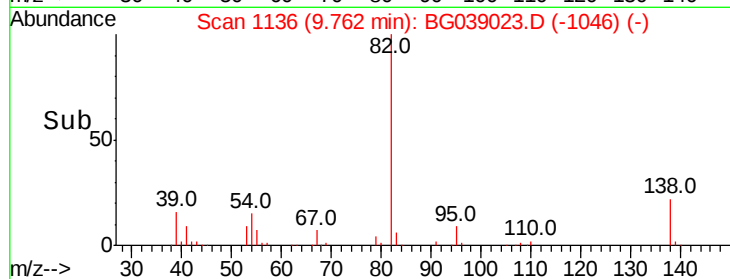
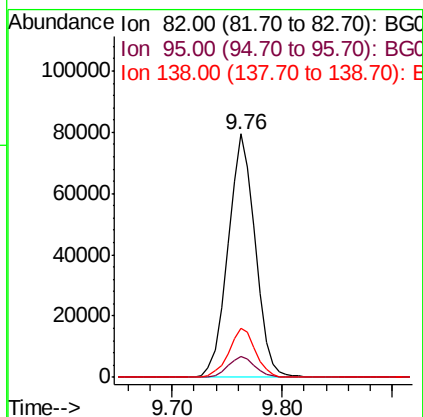
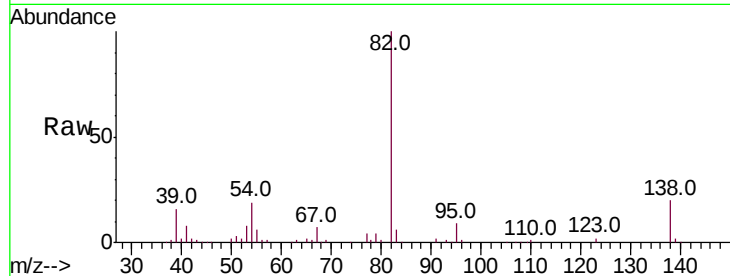




#25
Isophorone
Concen: 47.424 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

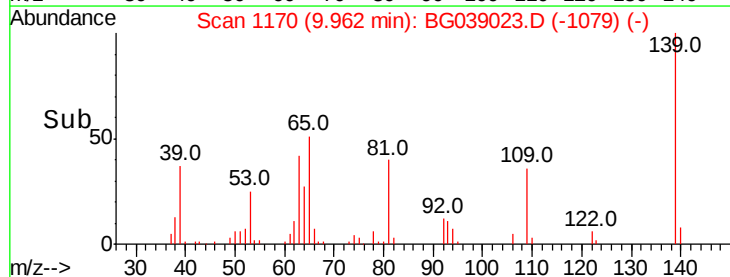
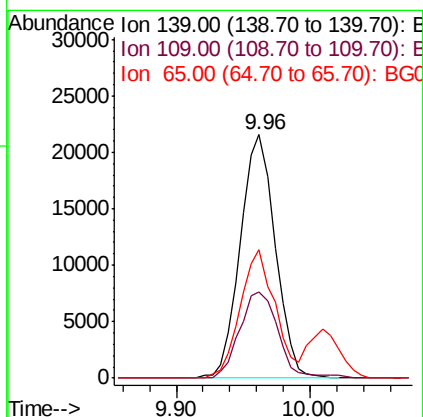
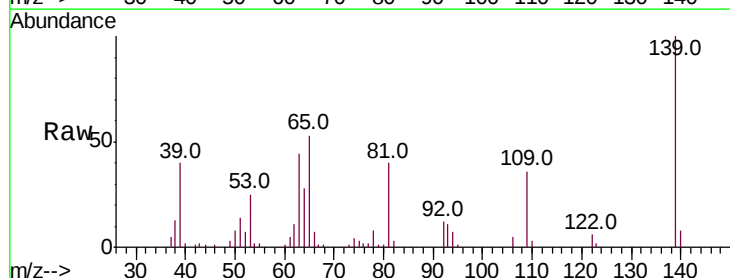
Instrument :
BNA_G
ClientSampleId :

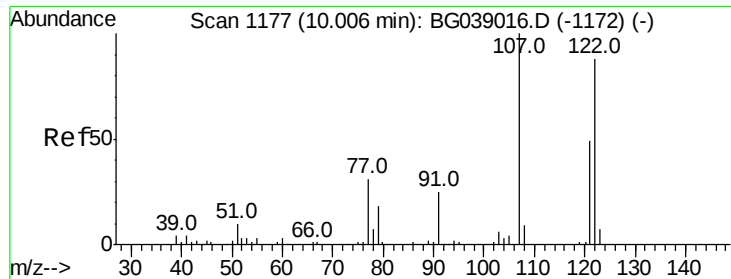
Tot Ion: 82 Resp: 136588
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.6
138 20.1 16.2 24.4



#26
2-Nitrophenol
Concen: 42.608 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion: 139 Resp: 38949
Ion Ratio Lower Upper
139 100
109 35.7 27.3 40.9
65 52.5 40.6 61.0

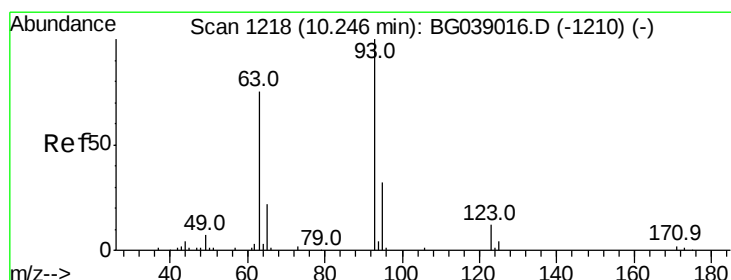
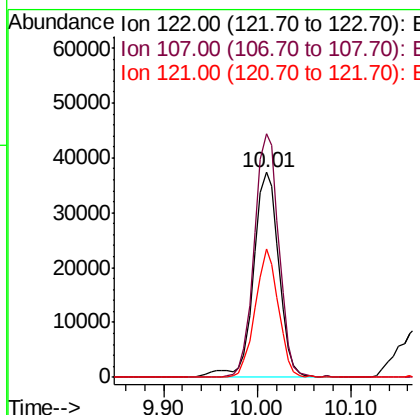
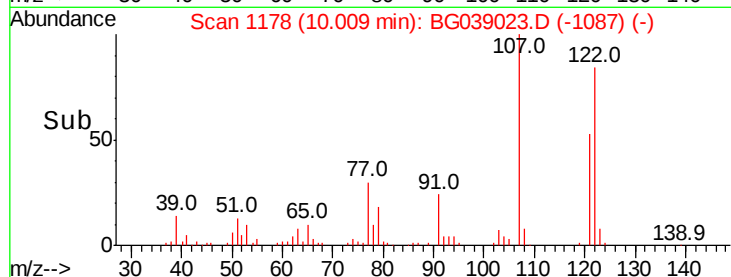
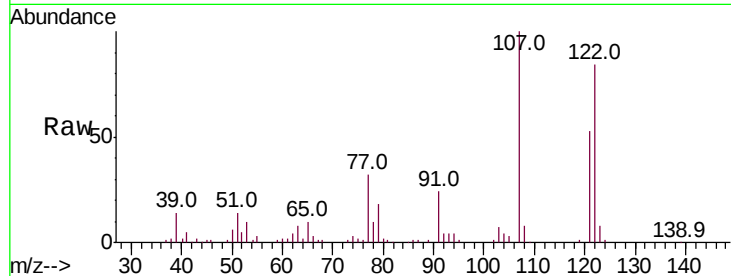




#27
2,4-Dimethylphenol
Concen: 54.431 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

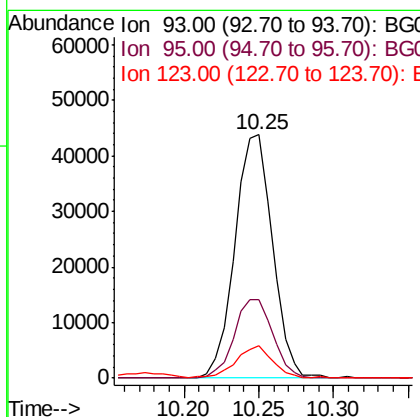
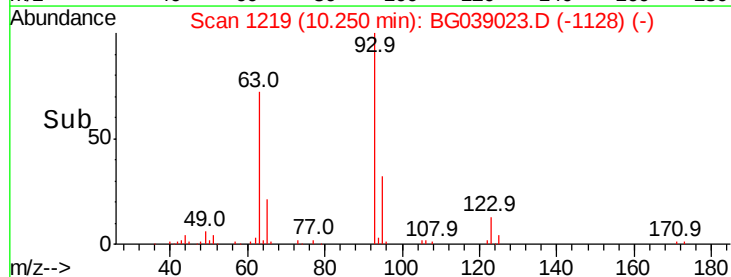
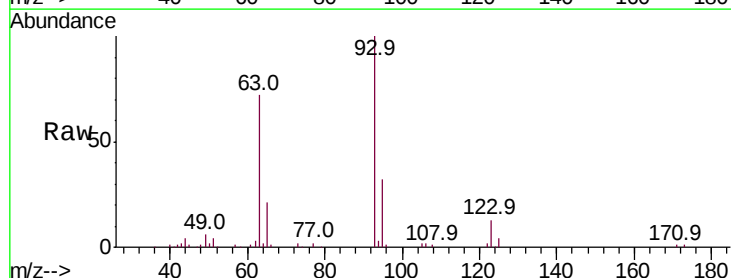
Instrument :
BNA_G
ClientSampled :

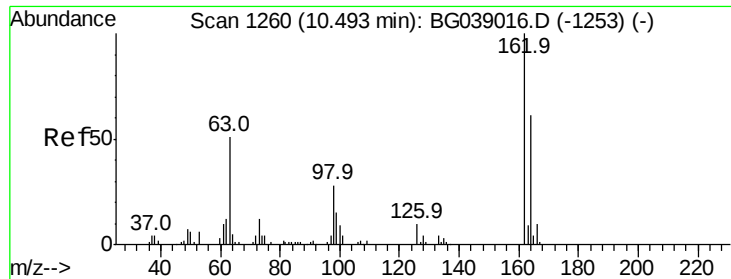
Tot Ion:122 Resp: 70002
Ion Ratio Lower Upper
122 100
107 118.8 88.8 133.2
121 62.7 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 44.194 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion: 93 Resp: 76499
Ion Ratio Lower Upper
93 100
95 32.2 25.6 38.4
123 13.3 10.1 15.1

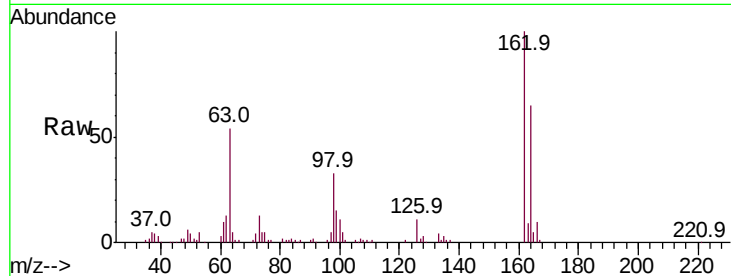




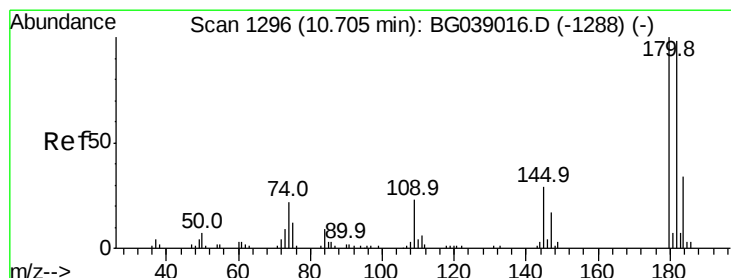
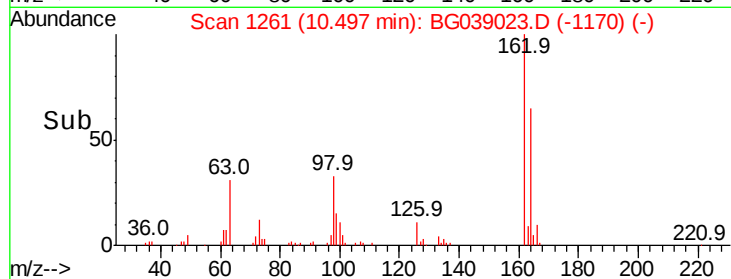
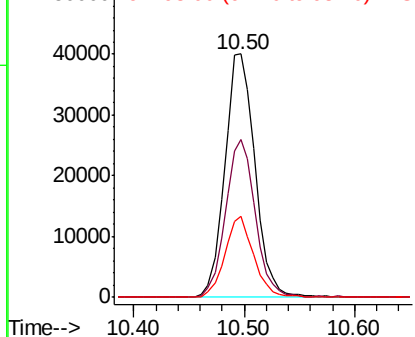
#29
 2,4-Dichlorophenol
 Concen: 47.894 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 76520
 Ion Ratio Lower Upper
 162 100
 164 65.0 41.3 81.3
 98 33.3 8.3 48.3

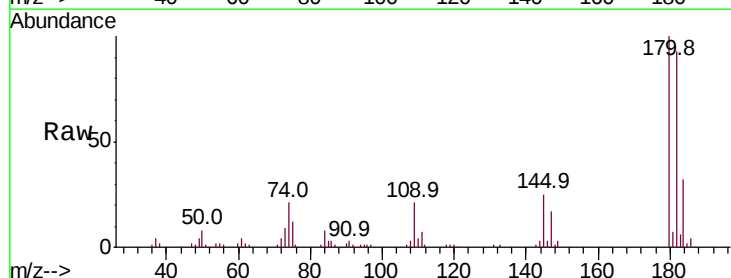


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

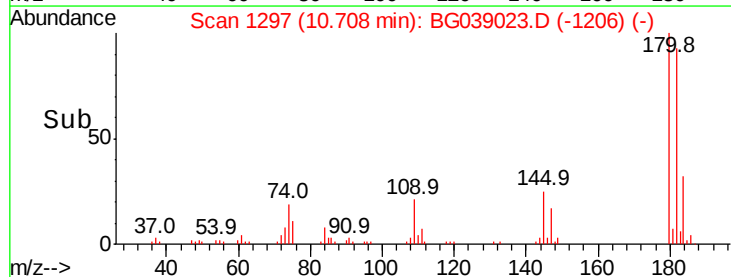
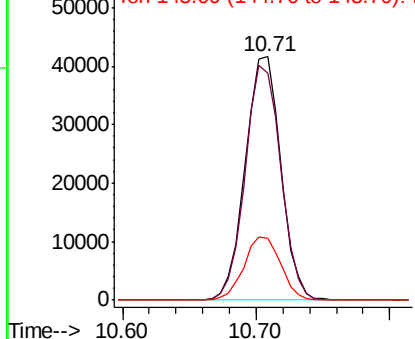


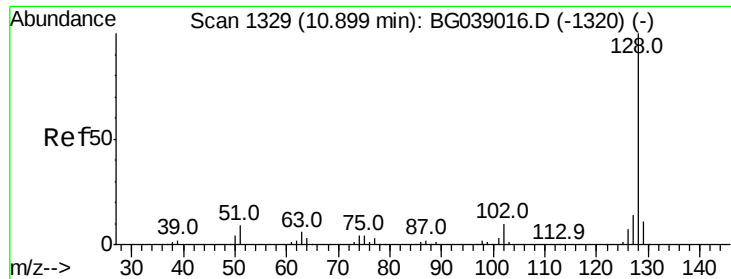
#30
 1,2,4-Trichlorobenzene
 Concen: 39.791 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion:180 Resp: 76387
 Ion Ratio Lower Upper
 180 100
 182 93.4 78.1 117.1
 145 25.4 23.1 34.7



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

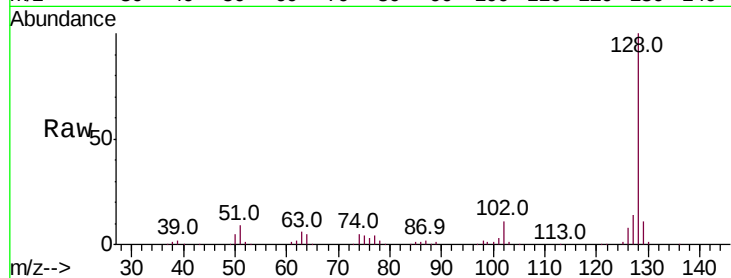




#31
Naphthalene
Concen: 43.935 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.7	11.2	16.8

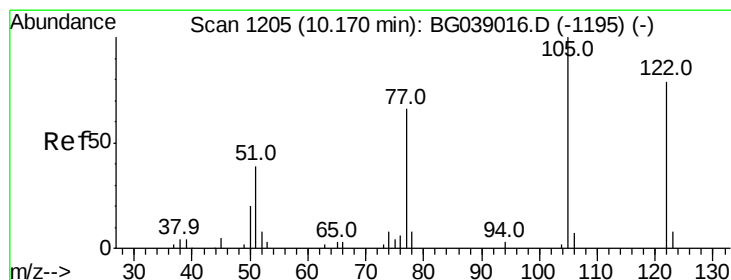
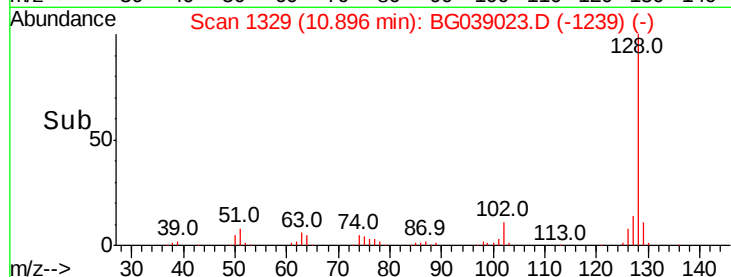
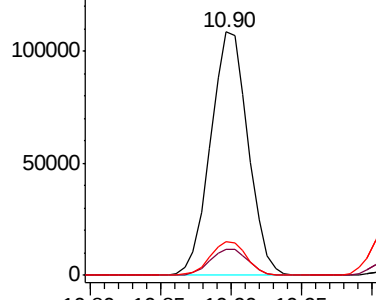


Abundance

Ion 128.00 (127.70 to 128.70): E

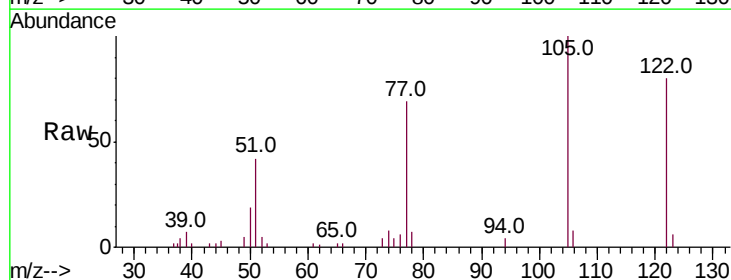
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.573 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	106.4	146.4
77	86.4	63.6	103.6

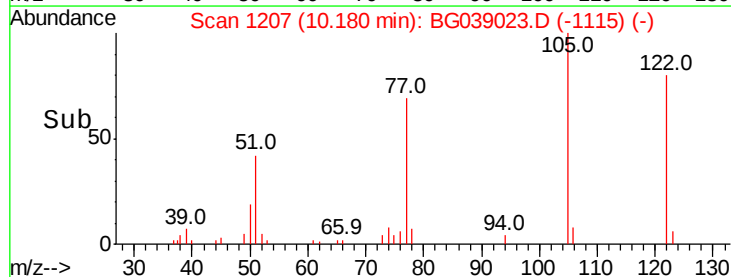
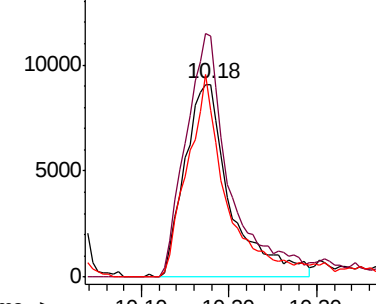


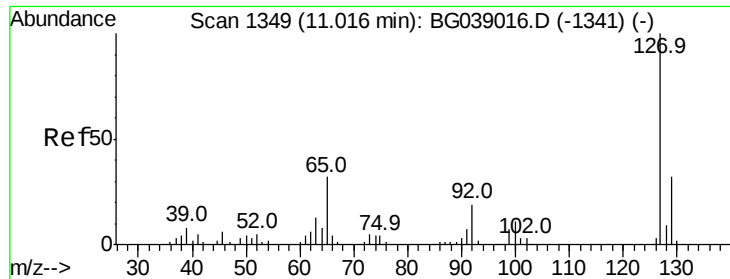
Abundance

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

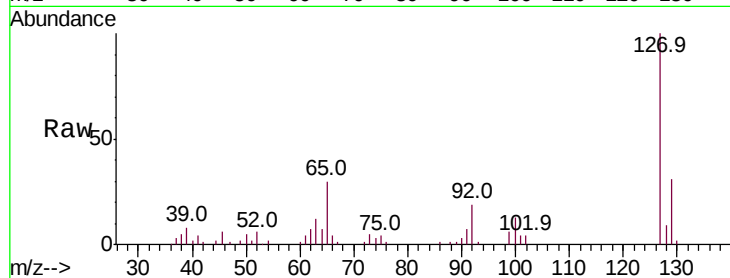




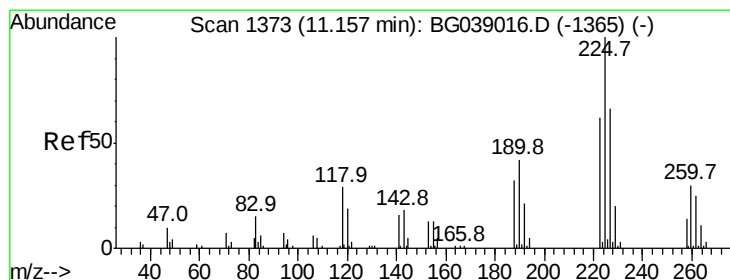
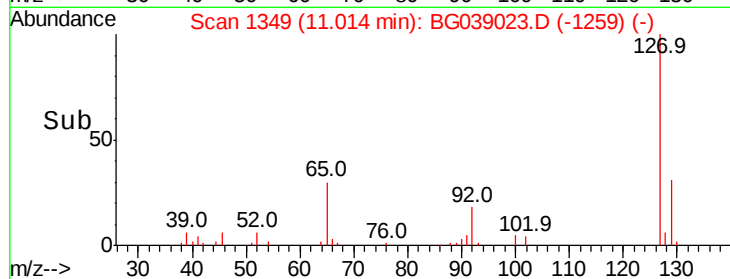
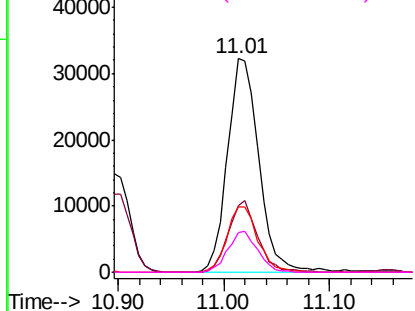
#33
4-Chloroaniline
Concen: 32.242 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	66202
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.4	38.0
65	30.4	25.4	38.0
92	18.5	15.2	22.8

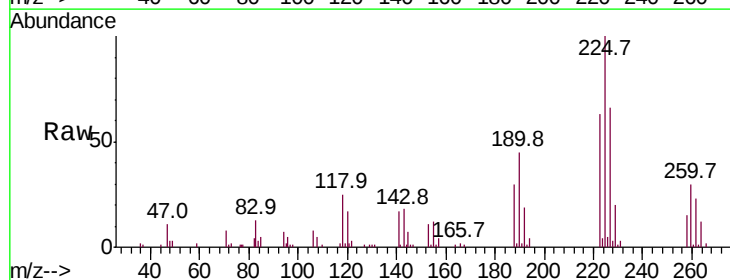


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

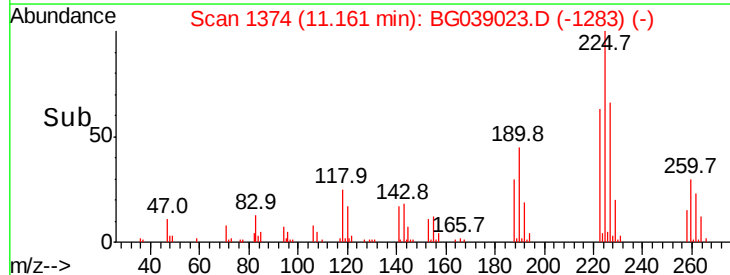
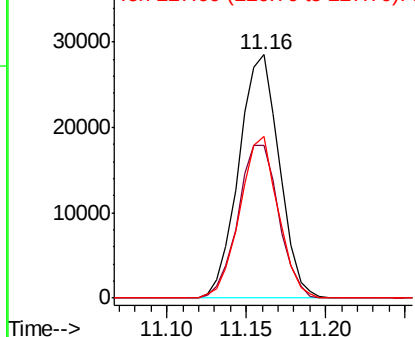


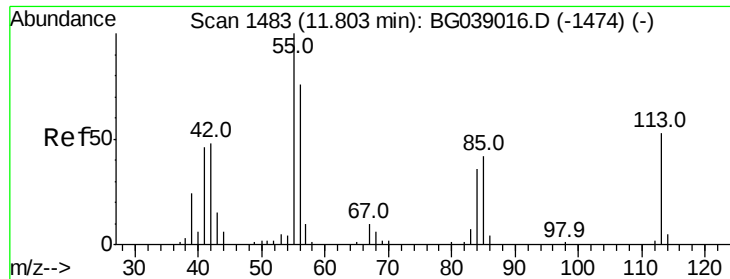
#34
Hexachlorobutadiene
Concen: 38.172 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:	225	Resp:	50422
Ion	Ratio	Lower	Upper
225	100		
223	59.8	50.2	75.4
227	63.3	53.2	79.8



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

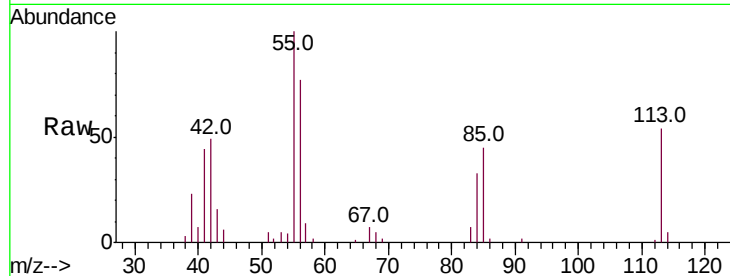




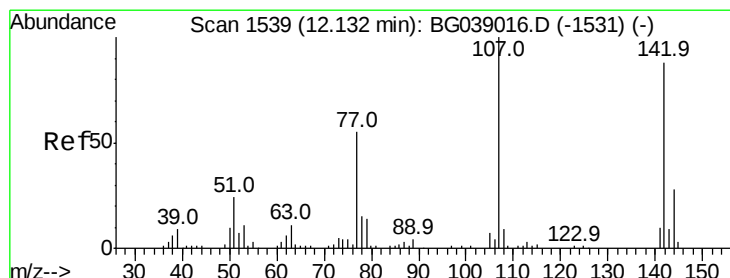
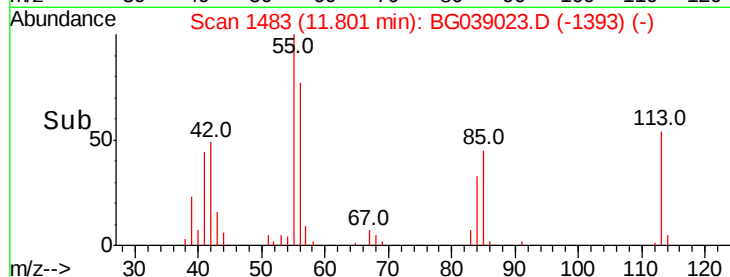
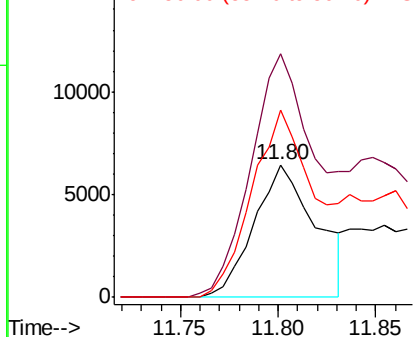
#35
Caprolactam
Concen: 22.152 ng
RT: 11.80 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 14192
Ion Ratio Lower Upper
113 100
55 184.1 168.6 208.6
56 142.0 123.2 163.2

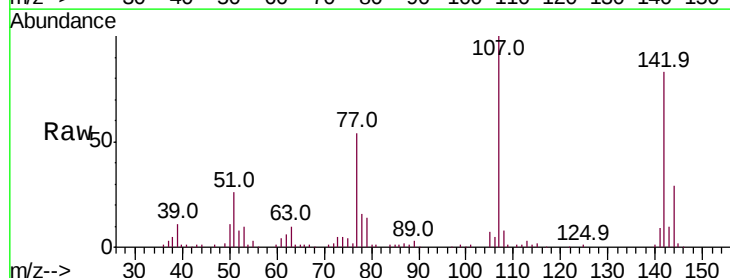


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

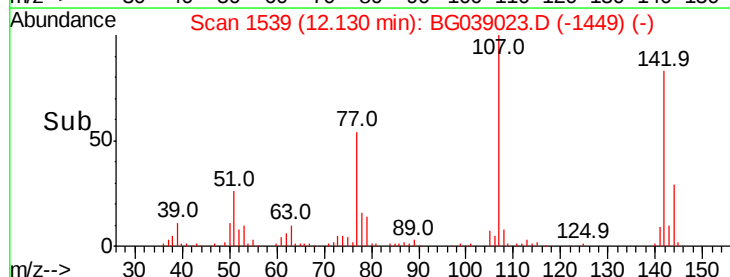
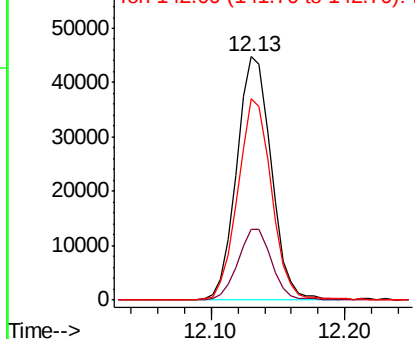


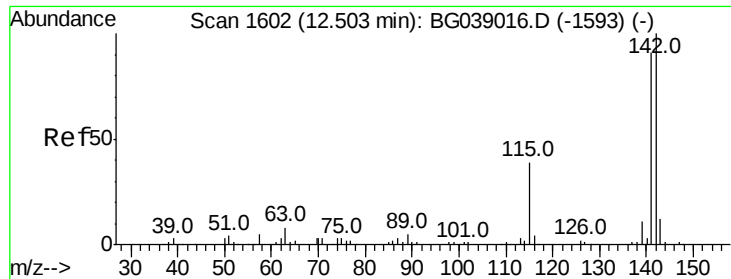
#36
4-Chloro-3-methylphenol
Concen: 46.997 ng
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:107 Resp: 80310
Ion Ratio Lower Upper
107 100
144 29.0 22.6 34.0
142 82.9 70.2 105.4



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

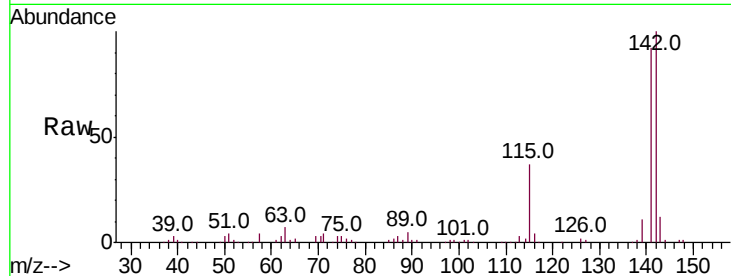




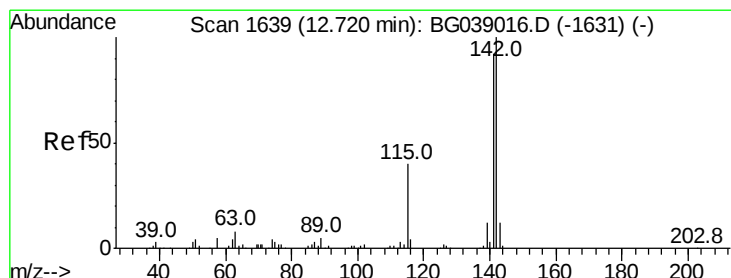
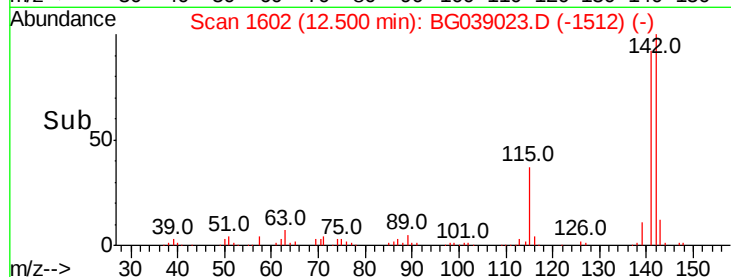
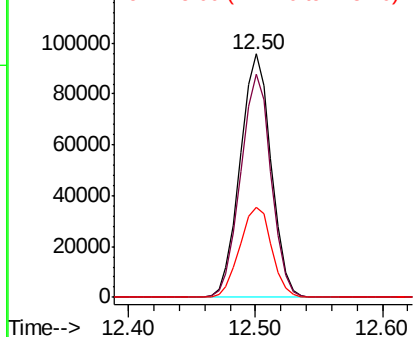
#37
2-Methylnaphthalene
Concen: 47.191 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 162352
Ion Ratio Lower Upper
142 100
141 91.5 72.6 109.0
115 36.8 31.1 46.7

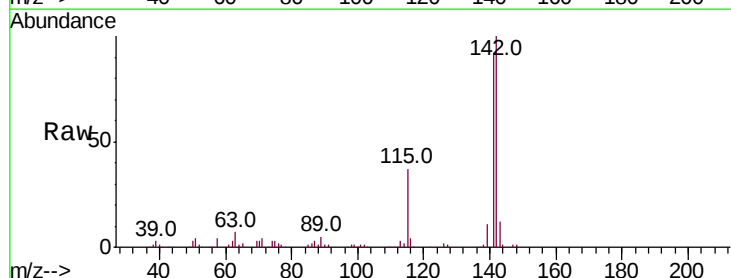


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

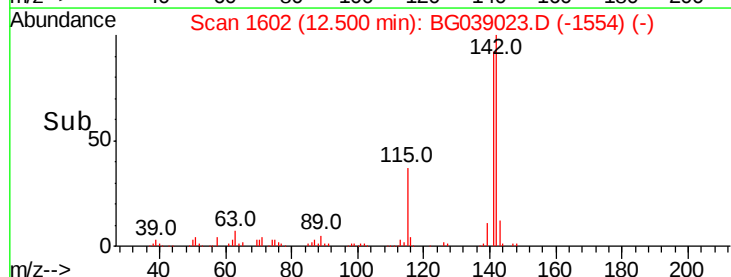
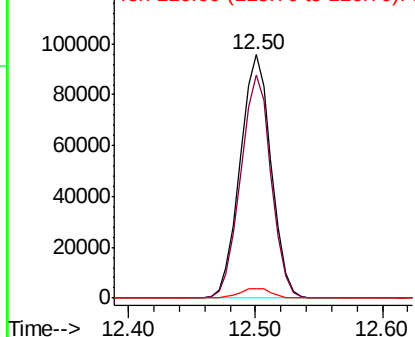


#38
1-Methylnaphthalene
Concen: 49.165 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.22 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:142 Resp: 162352
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9
116 4.1 3.1 4.7



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: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

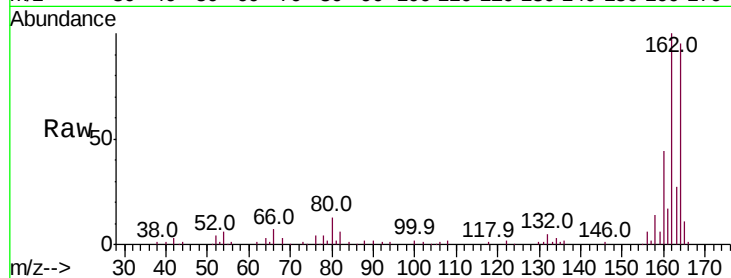
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 69757

Ion	Ratio	Lower	Upper
164	100		
162	105.2	87.2	130.8
160	46.2	33.3	49.9

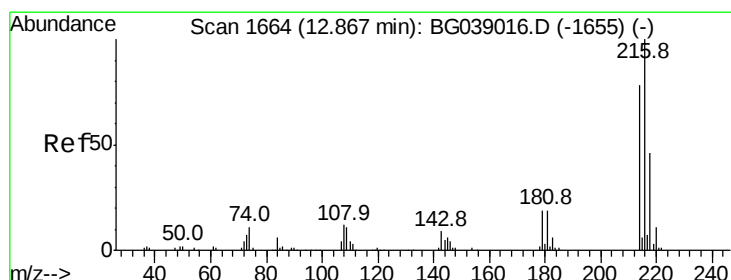
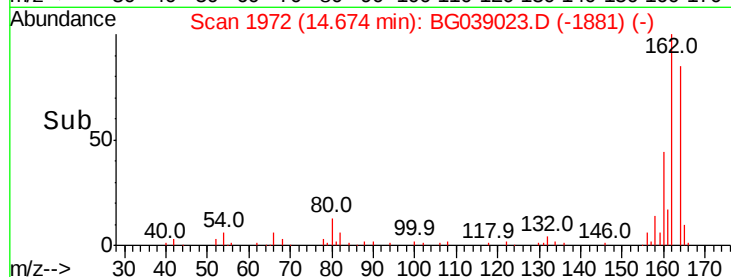
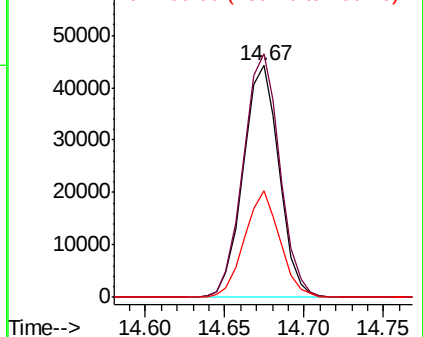


Abundance

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: 38.922 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion:216 Resp: 101967

Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.2
179	19.2	15.5	23.3
108	16.6	11.4	17.2

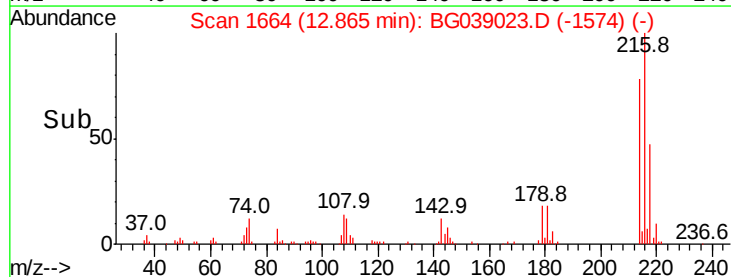
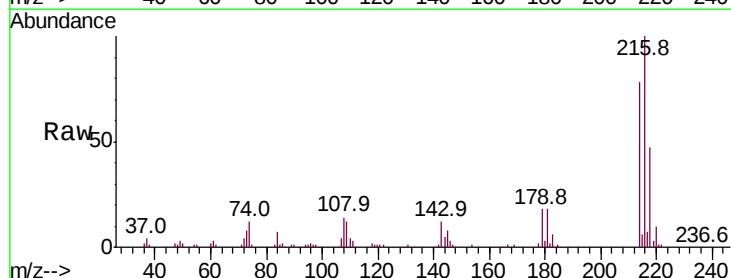
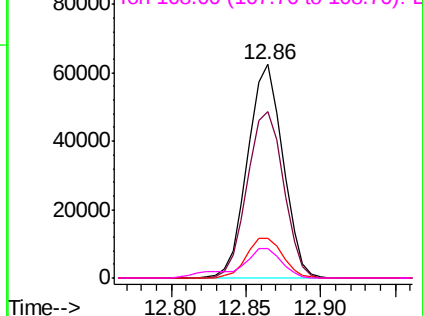
Abundance

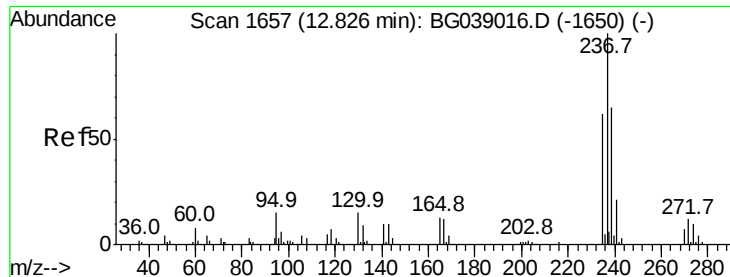
Ion 216.00 (215.70 to 216.70): E

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: 81.094 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

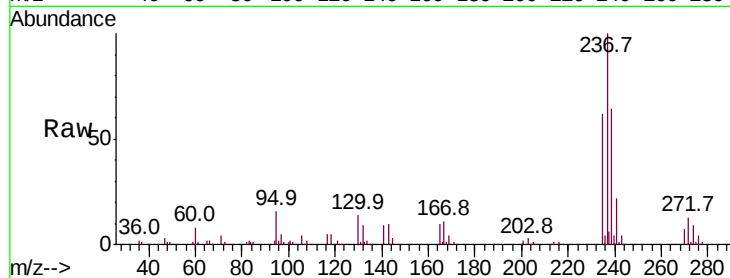
Tot Ion:237 Resp: 119776

Ion Ratio Lower Upper

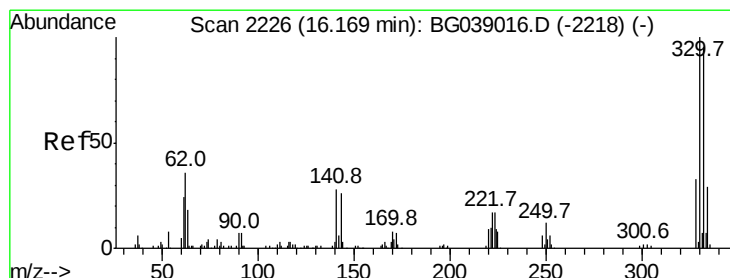
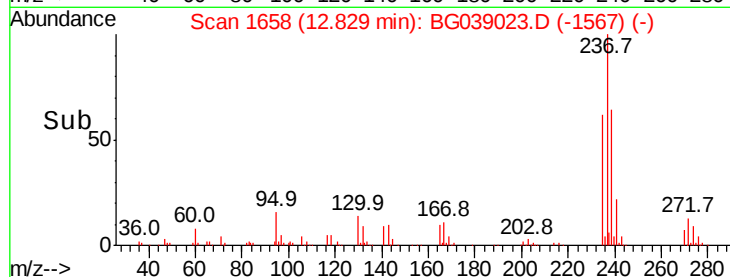
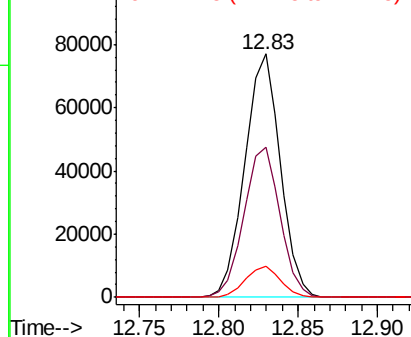
237 100

235 61.5 41.7 81.7

272 12.6 0.0 32.1



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: 134.328 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

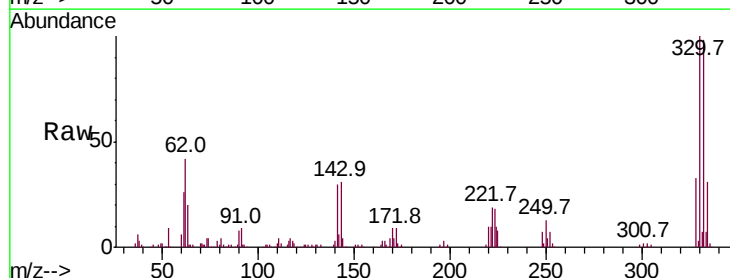
Tgt Ion:330 Resp: 157072

Ion Ratio Lower Upper

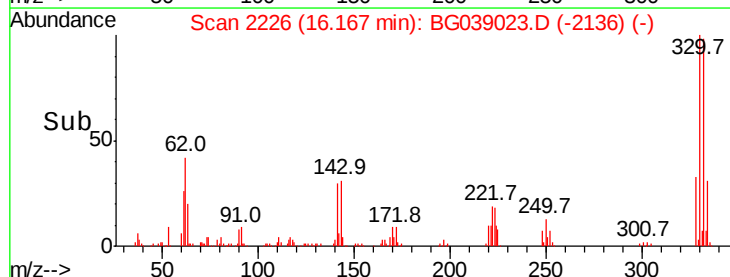
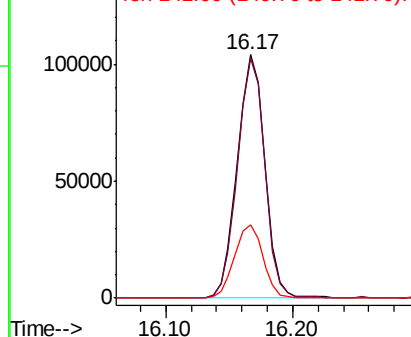
330 100

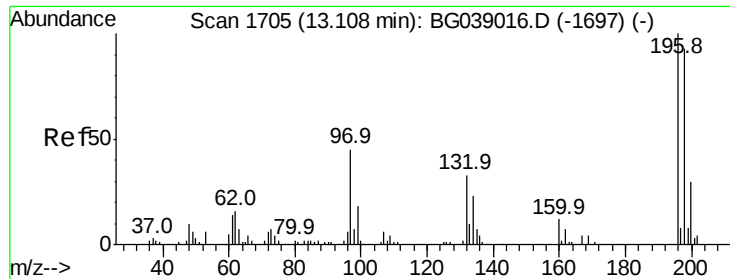
332 97.3 75.7 113.5

141 31.1 24.9 37.3



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

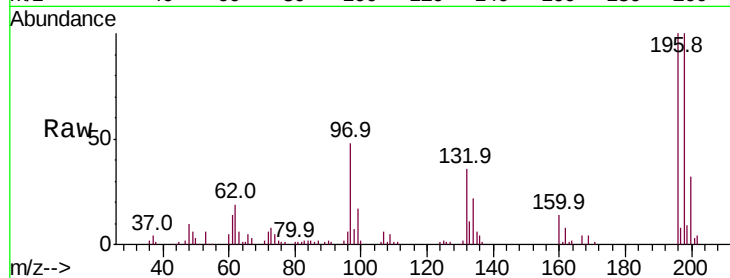




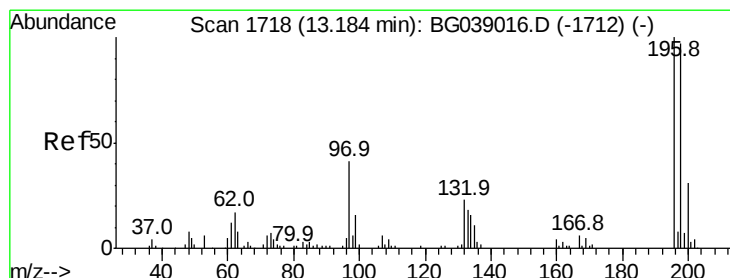
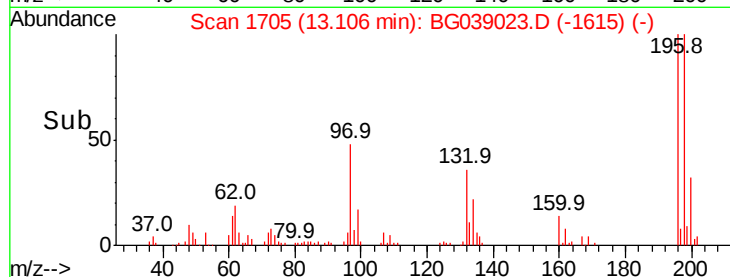
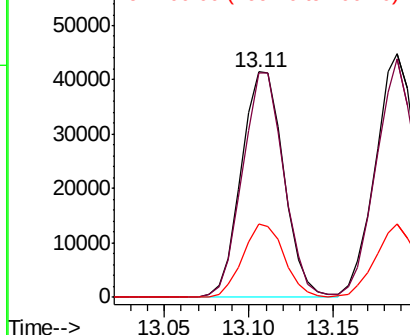
#43
 2,4,6-Trichlorophenol
 Concen: 44.213 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 72900
 Ion Ratio Lower Upper
 196 100
 198 99.8 74.5 111.7
 200 32.3 23.8 35.6



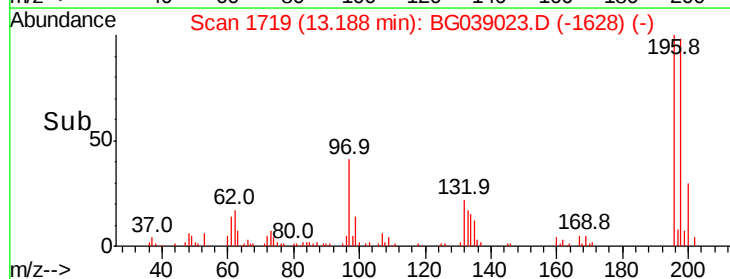
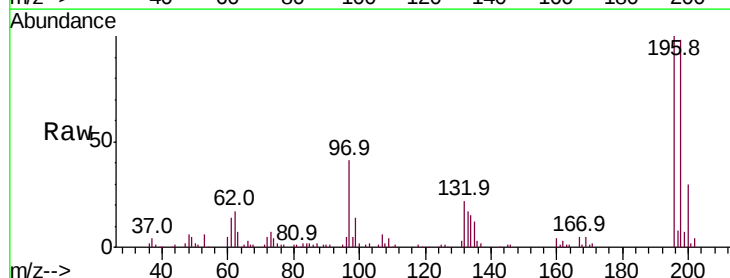
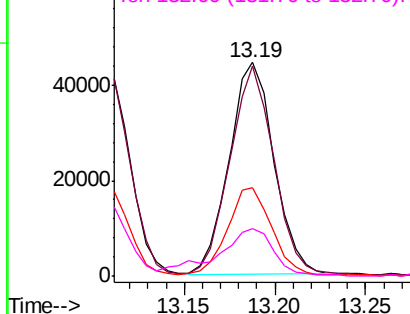
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

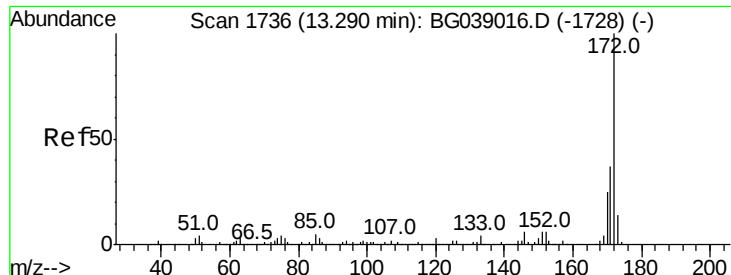


#44
 2,4,5-Trichlorophenol
 Concen: 44.107 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion:196 Resp: 76864
 Ion Ratio Lower Upper
 196 100
 198 98.0 78.1 117.1
 97 41.2 33.2 49.8
 132 22.3 18.2 27.4

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

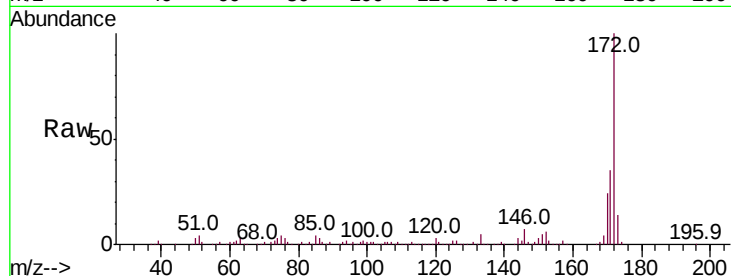




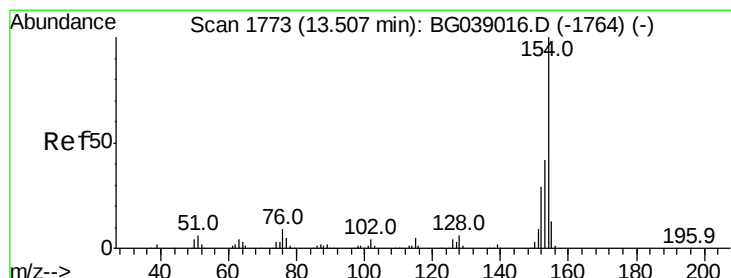
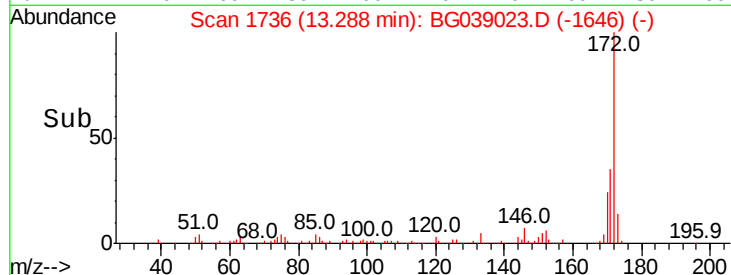
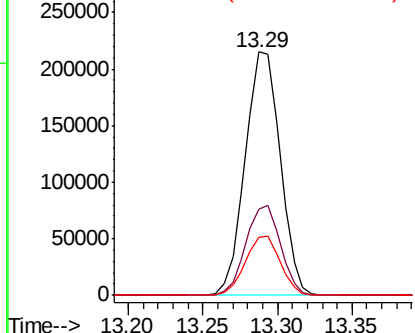
#45
2-Fluorobiphenyl
Concen: 68.670 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 350016
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.0
170 23.9 20.1 30.1

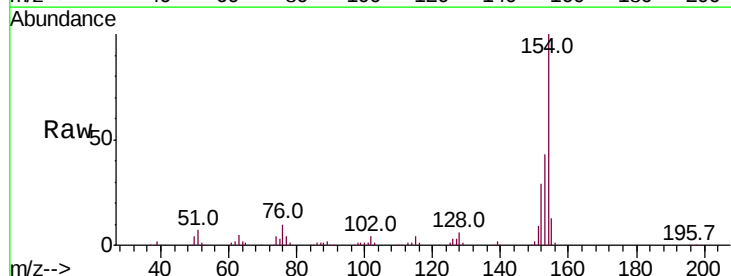


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

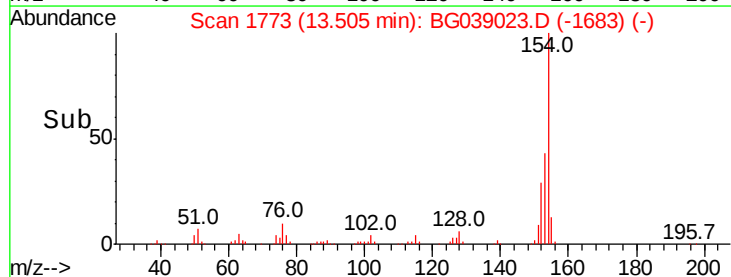
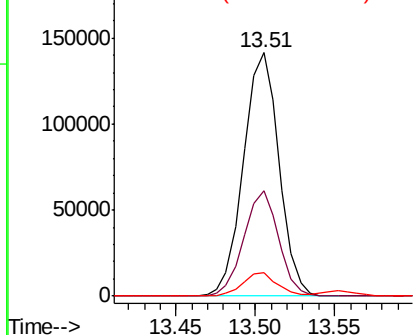


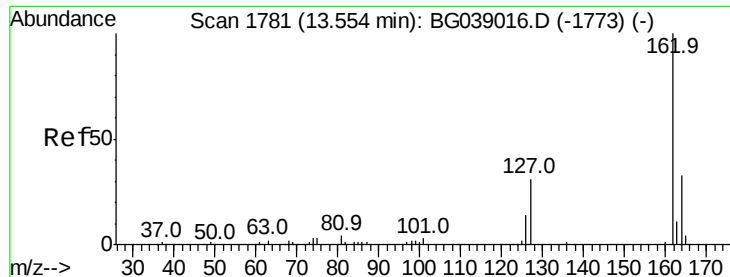
#46
1,1'-Biphenyl
Concen: 39.839 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:154 Resp: 220204
Ion Ratio Lower Upper
154 100
153 43.1 22.4 62.4
76 9.9 0.0 29.4



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

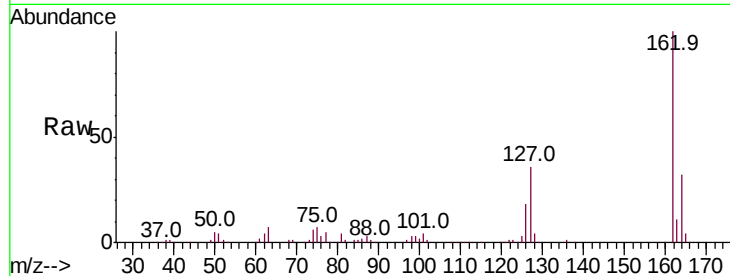




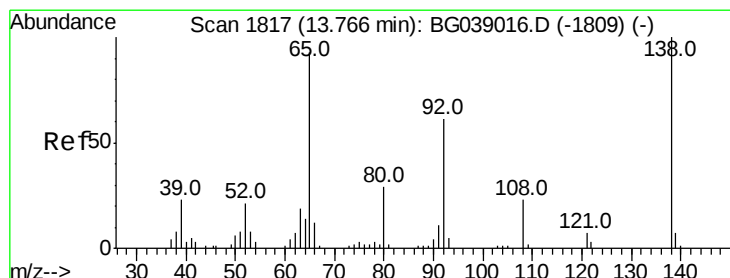
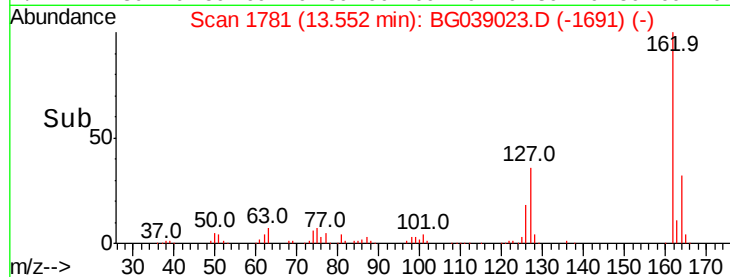
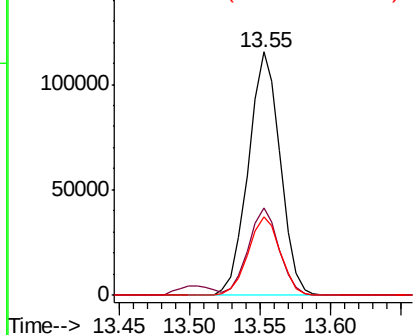
#47
 2-Chloronaphthalene
 Concen: 40.851 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.9	28.4	42.6
164	32.1	26.3	39.5

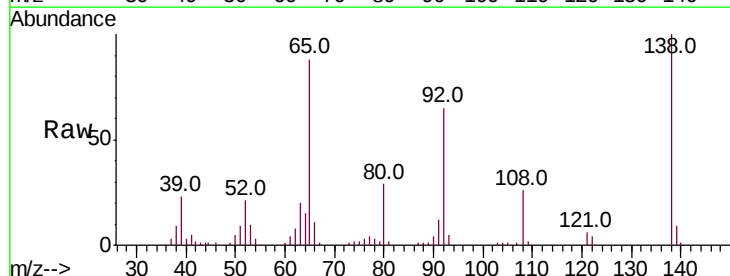


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

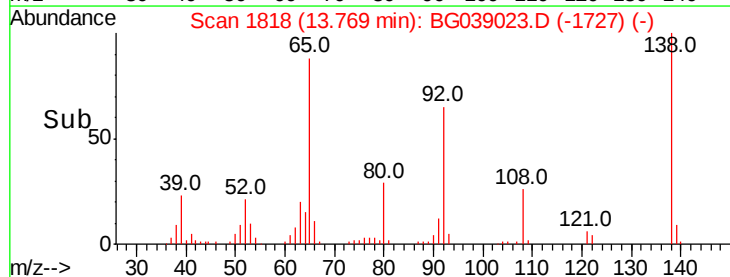
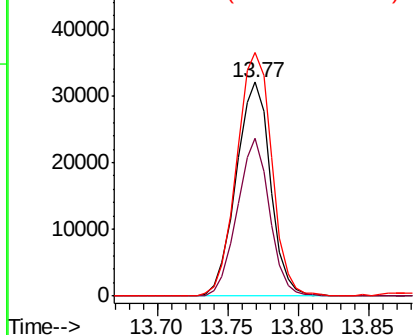


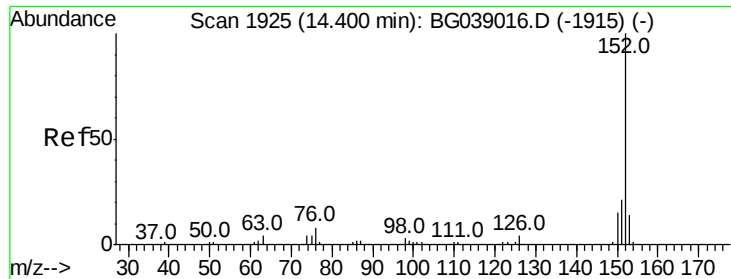
#48
 2-Nitroaniline
 Concen: 43.351 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	52.2	78.4
138	113.8	86.0	129.0



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: 44.223 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

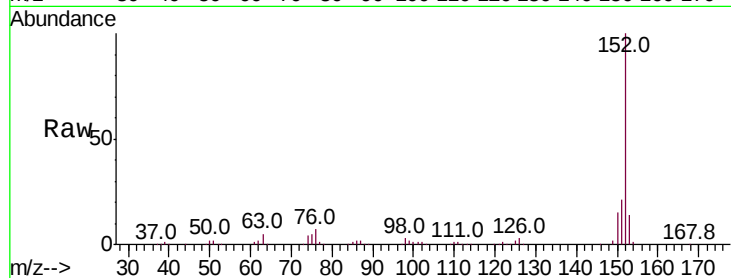
Tot Ion:152 Resp: 297316

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

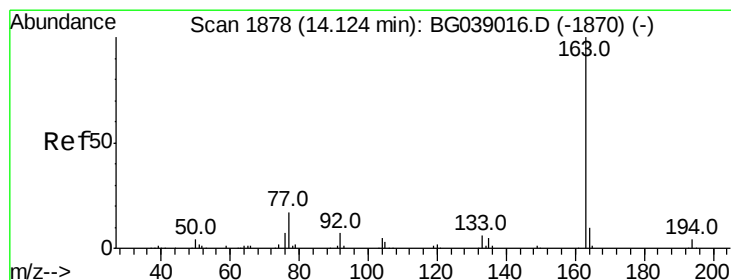
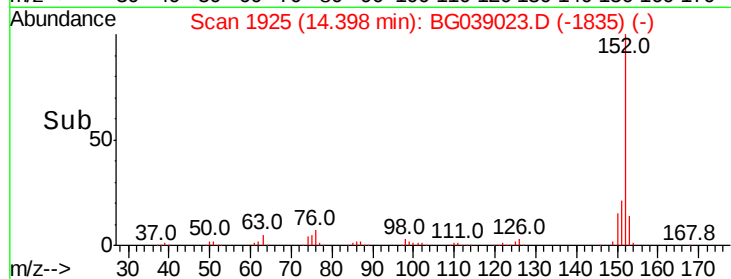
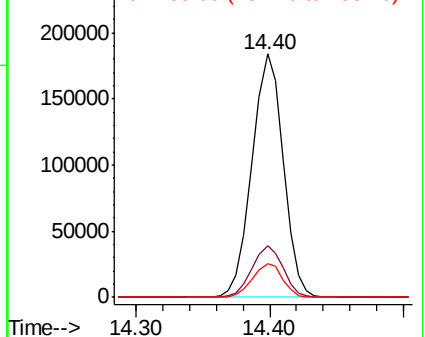
153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.859 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

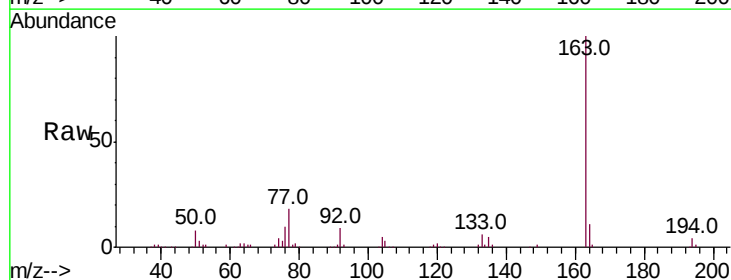
Tgt Ion:163 Resp: 252644

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

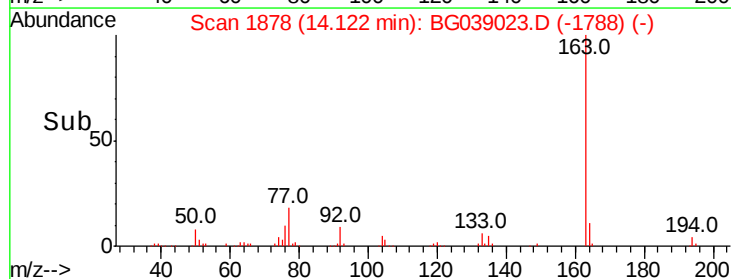
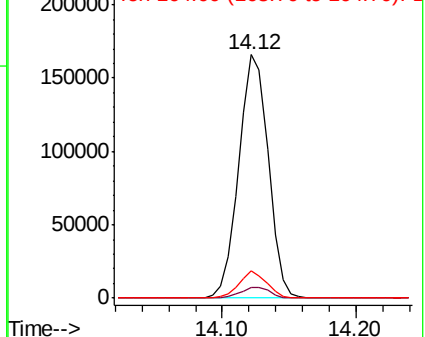
164 11.1 8.2 12.2

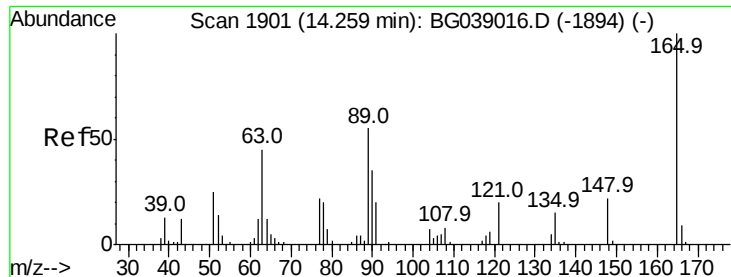


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

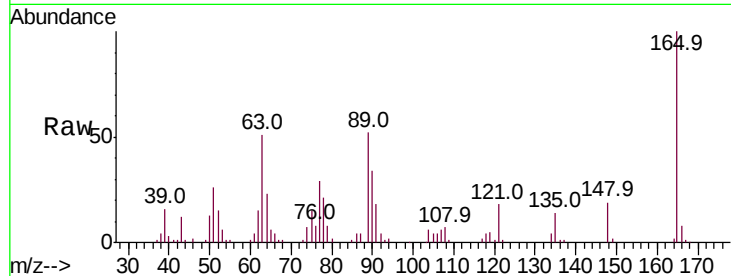




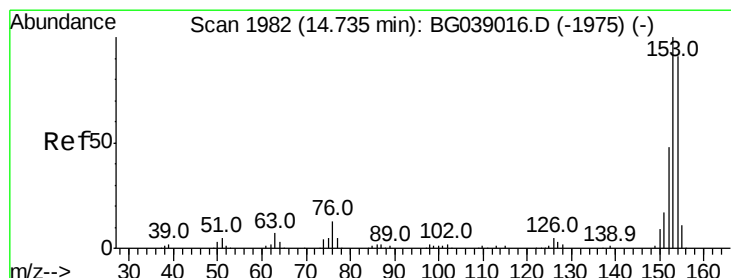
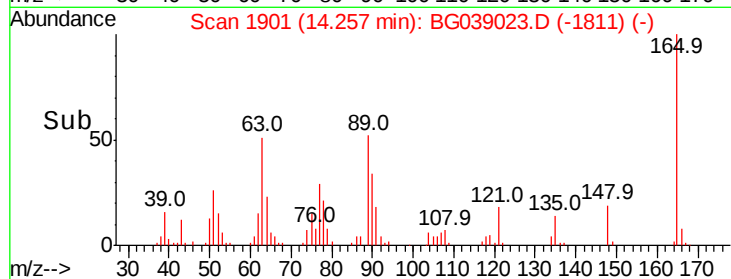
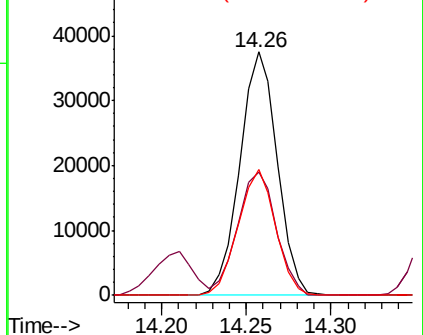
#51
 2,6-Dinitrotoluene
 Concen: 43.785 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.8	43.6	65.4
89	51.9	43.7	65.5

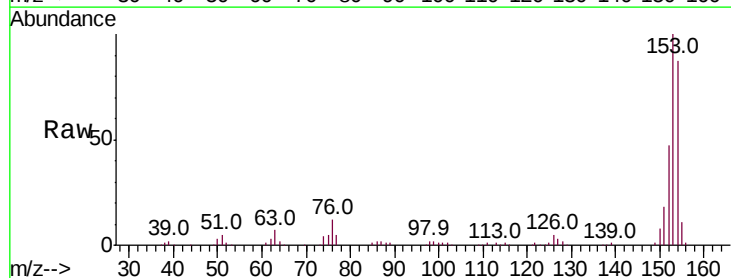


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

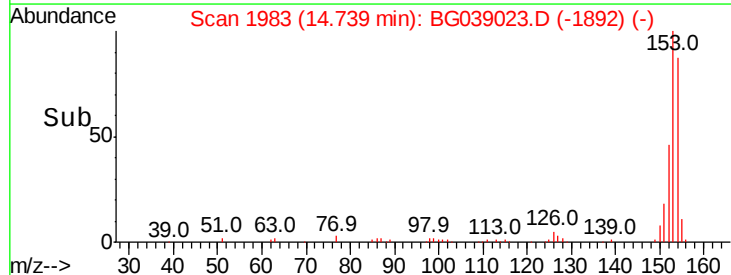
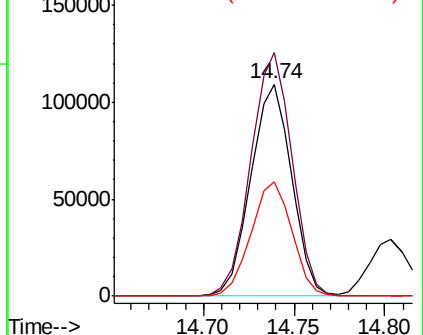


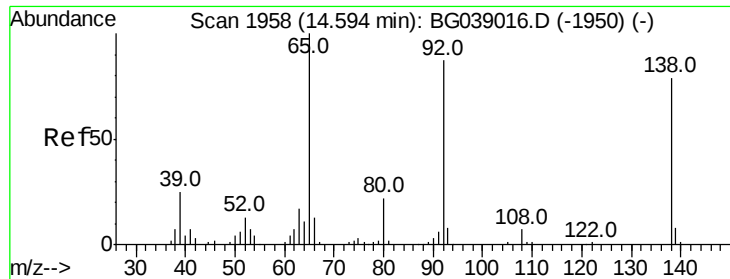
#52
 Acenaphthene
 Concen: 42.362 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	87.9	131.9
152	53.9	42.2	63.2



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: 32.208 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

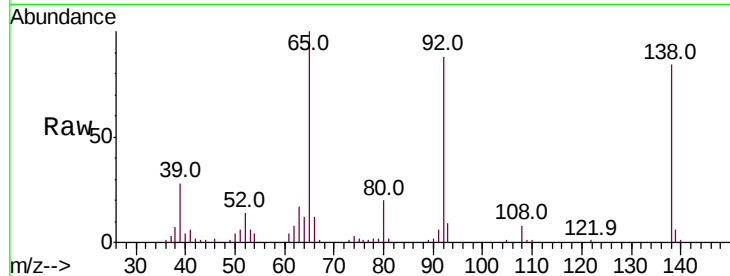
Tot Ion:138 Resp: 43060

Ion Ratio Lower Upper

138 100

108 10.1 7.4 11.0

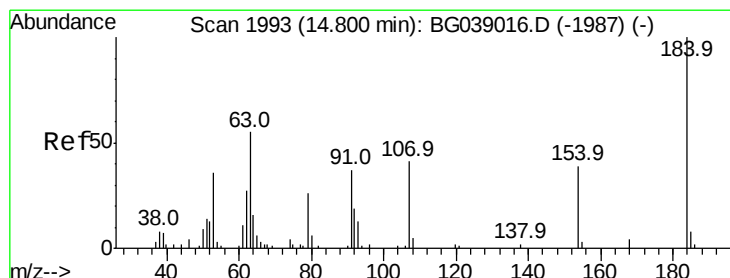
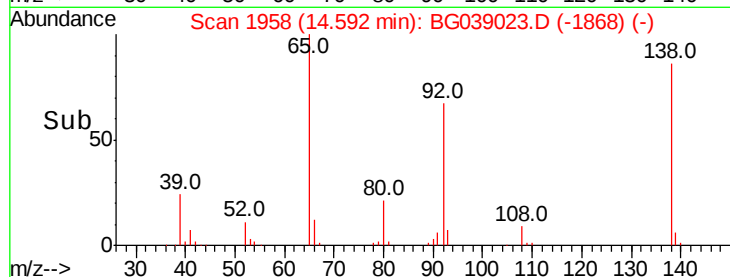
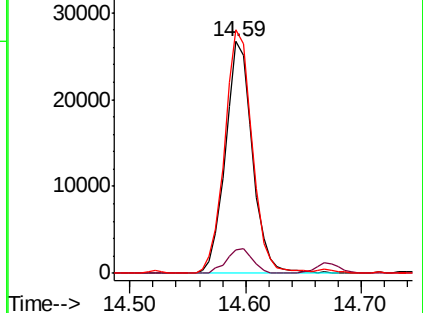
92 104.9 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 97.230 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

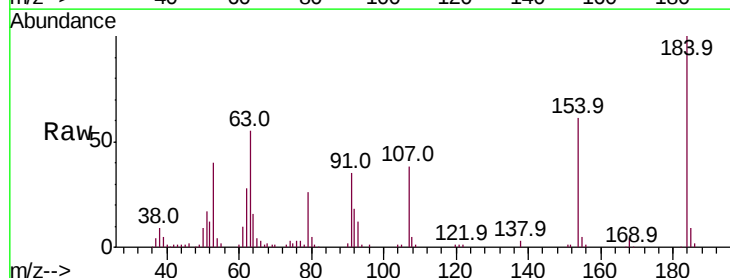
Tgt Ion:184 Resp: 77592

Ion Ratio Lower Upper

184 100

63 55.5 44.0 66.0

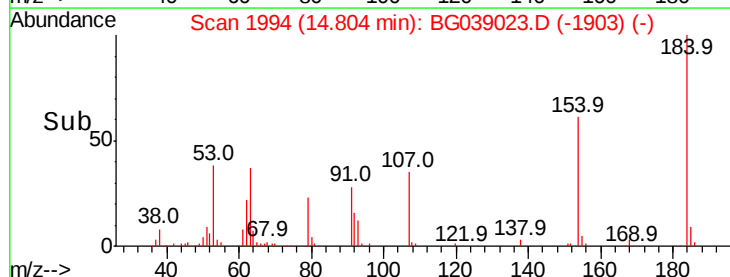
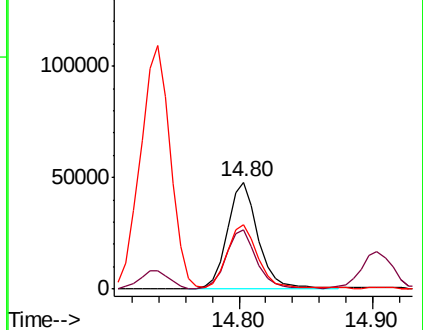
154 60.5 46.1 69.1

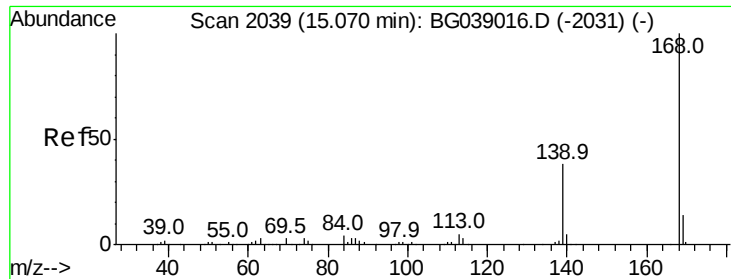


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

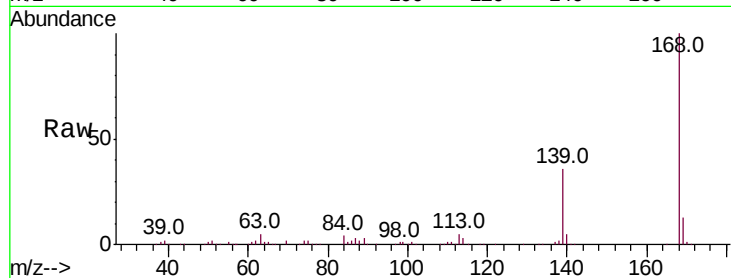




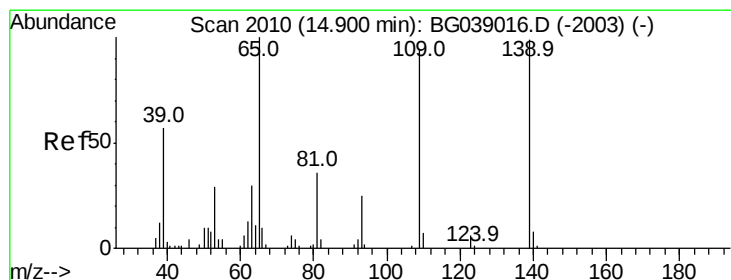
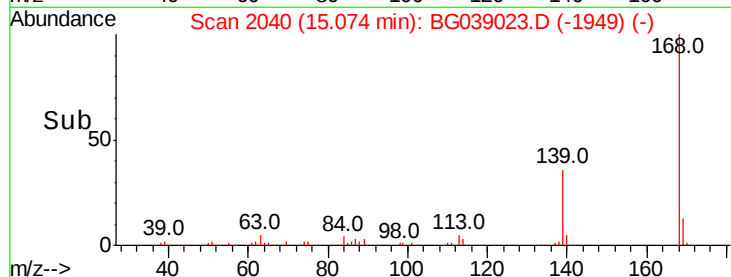
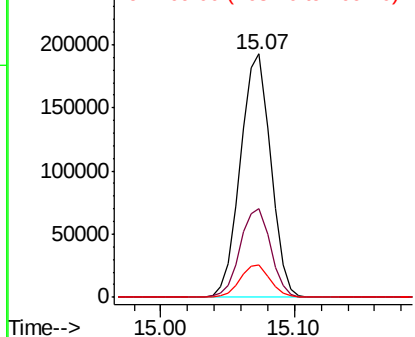
#55
Dibenzofuran
Concen: 42.291 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 301706
Ion Ratio Lower Upper
168 100
139 36.3 30.1 45.1
169 13.4 10.9 16.3

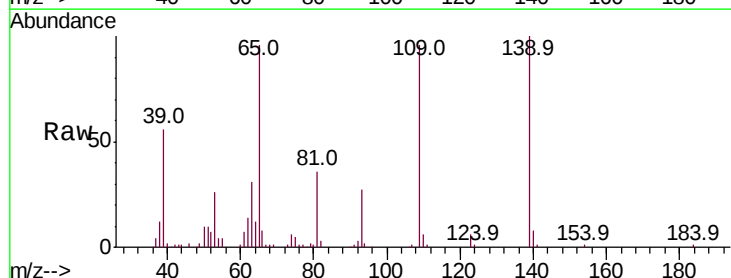


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

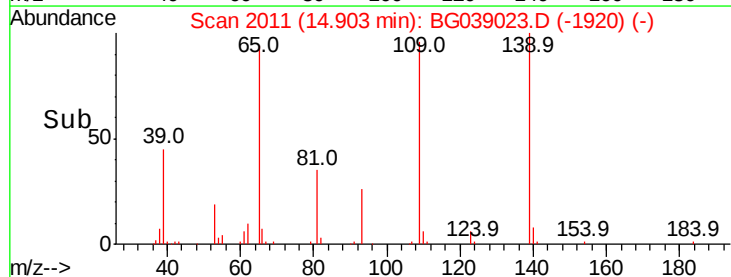
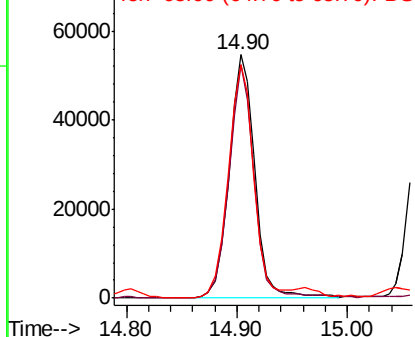


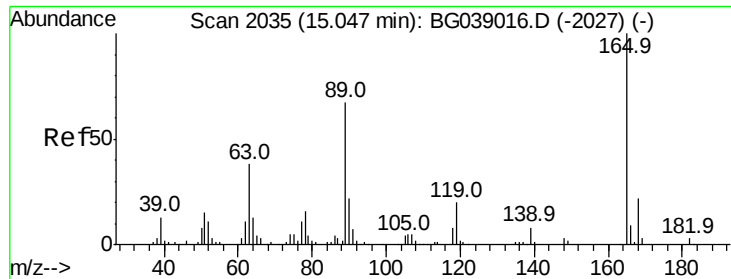
#56
4-Nitrophenol
Concen: 92.477 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:139 Resp: 88960
Ion Ratio Lower Upper
139 100
109 95.7 75.6 115.6
65 95.8 81.2 121.2



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

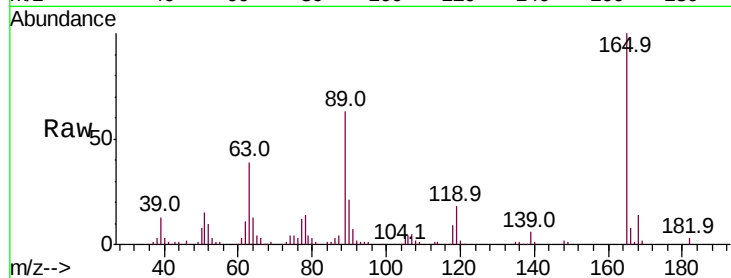




#57
2,4-Dinitrotoluene
Concen: 44.303 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.7	30.2	45.4
89	63.3	53.2	79.8
182	2.7	2.7	4.1#



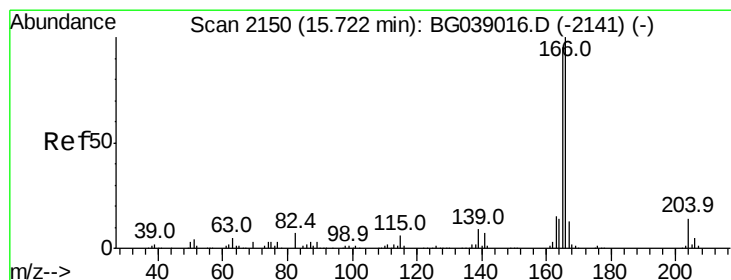
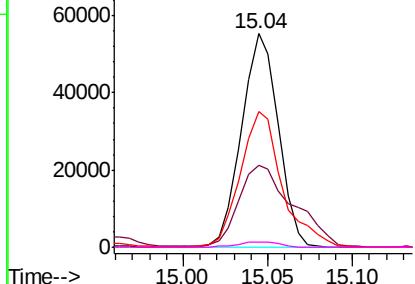
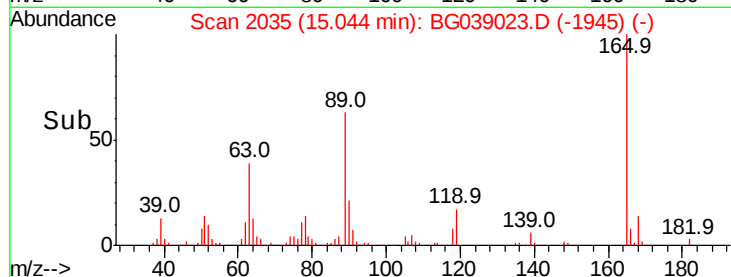
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

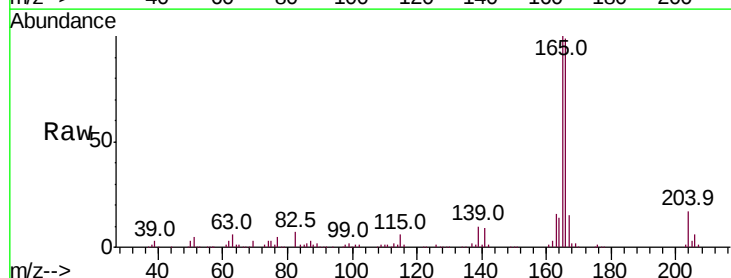
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.797 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	76.2	114.2
167	15.1	10.6	16.0

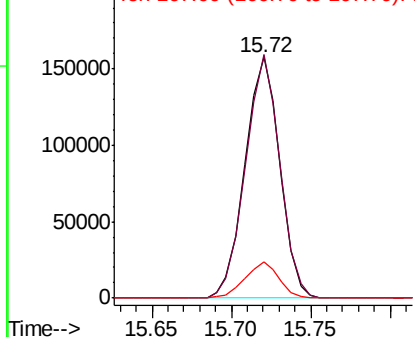
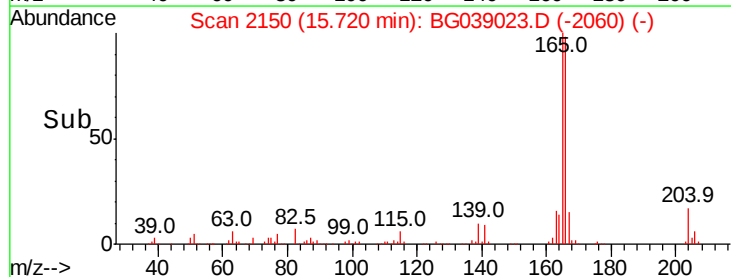


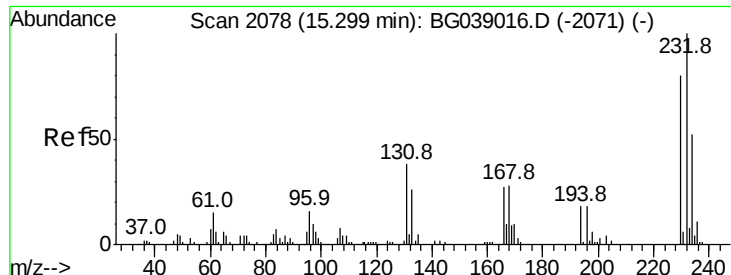
Abundance

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

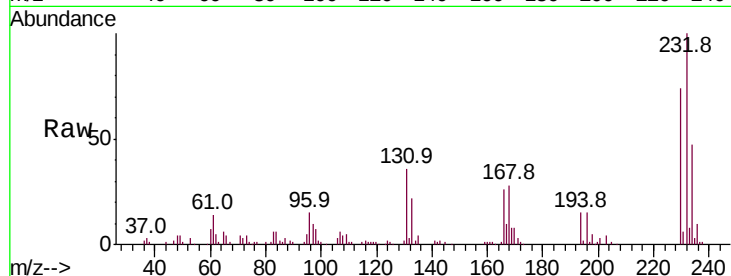




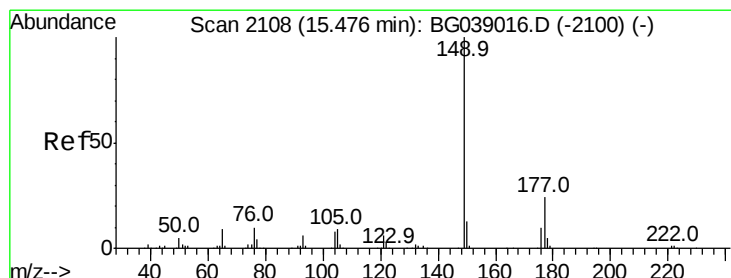
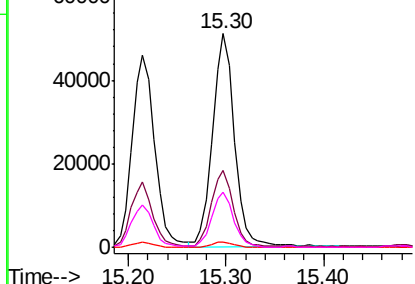
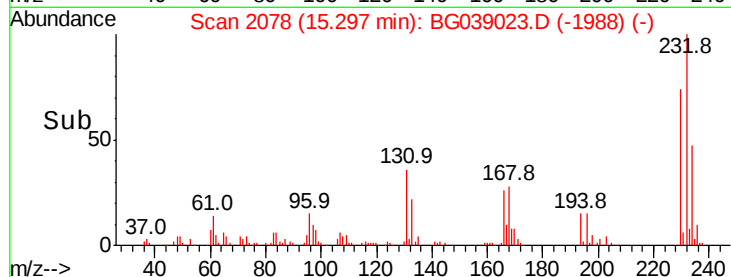
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.585 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	79924
Ion	Ratio	Lower	Upper
232	100		
131	36.9	30.9	46.3
130	2.3	1.9	2.9
166	25.5	22.1	33.1

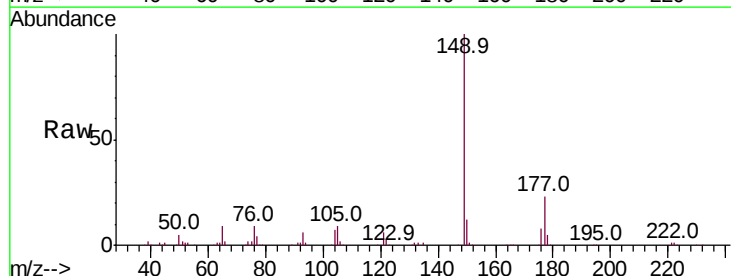


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

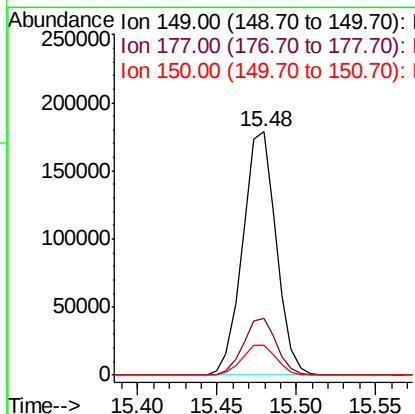
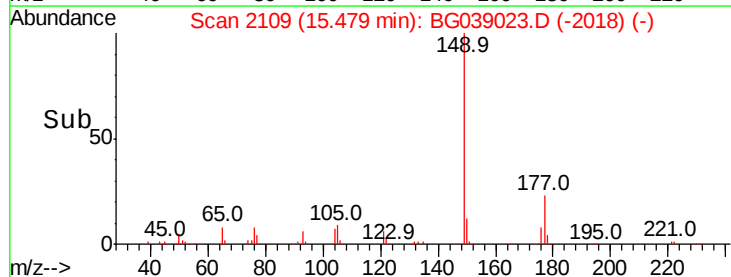


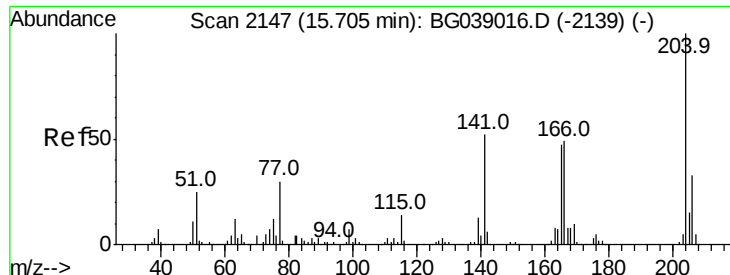
#60
 Diethylphthalate
 Concen: 42.941 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion:	149	Resp:	260798
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.6
150	12.2	10.2	15.4



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

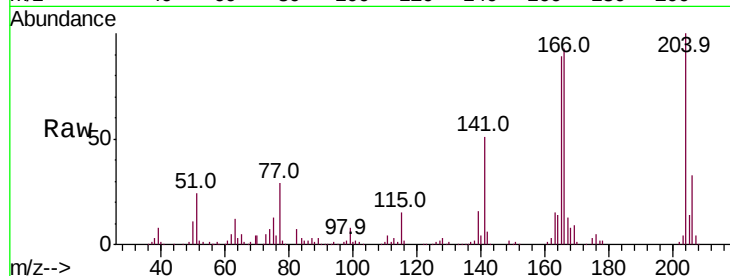




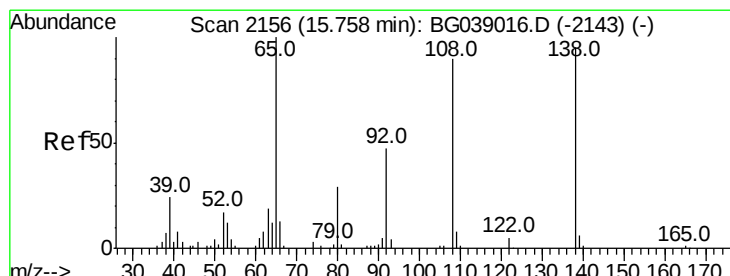
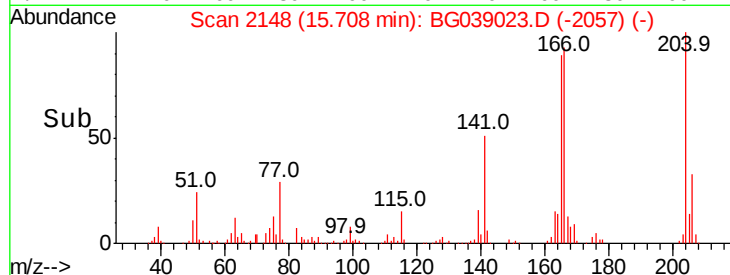
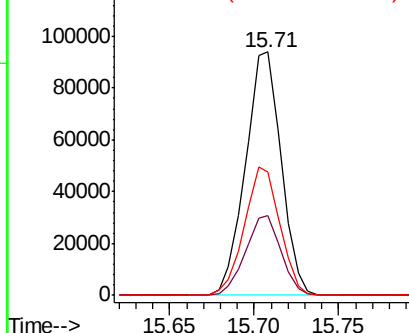
#61
4-Chlorophenyl-phenylether
Concen: 40.904 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 138383
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 50.8 41.4 62.0

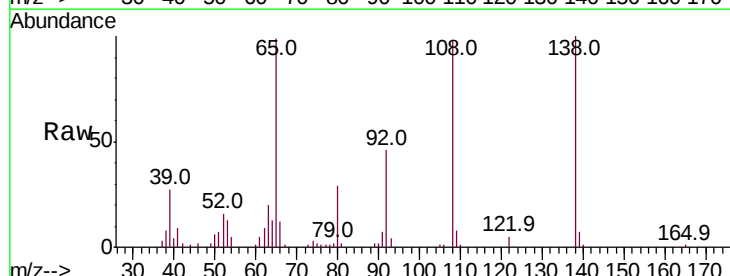


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

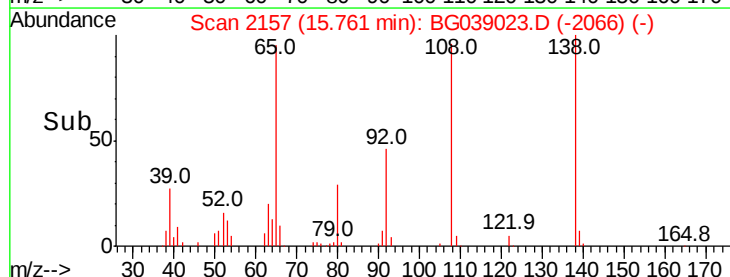
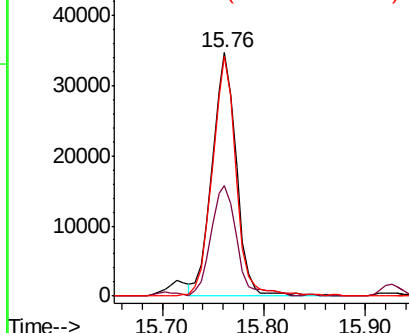


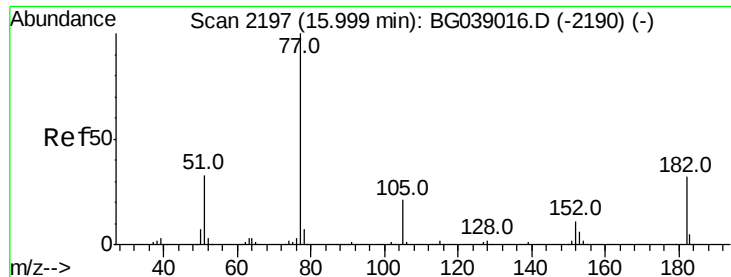
#62
4-Nitroaniline
Concen: 41.240 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:138 Resp: 57437
Ion Ratio Lower Upper
138 100
92 45.6 29.7 69.7
108 98.5 75.7 115.7



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: 41.498 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 197099

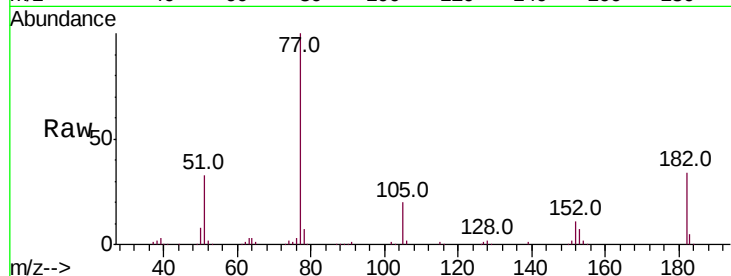
Ion Ratio Lower Upper

77 100

182 33.7 12.2 52.2

105 20.2 1.2 41.2

51 32.9 13.4 53.4

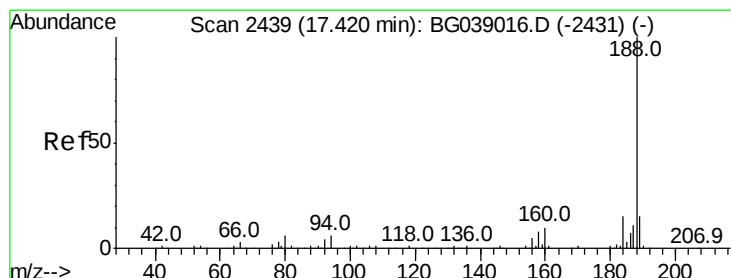
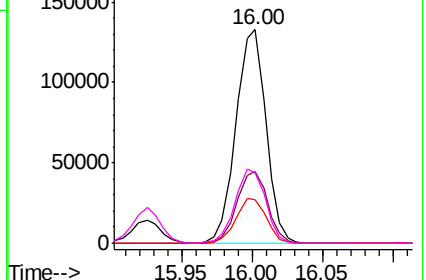
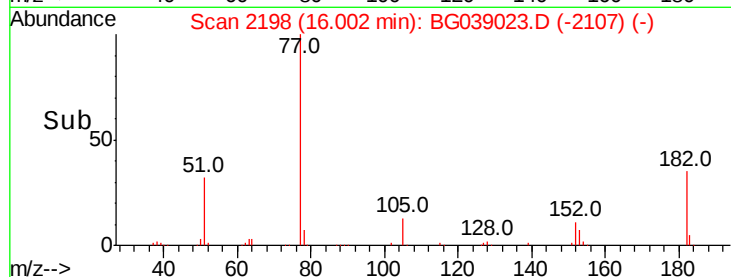


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

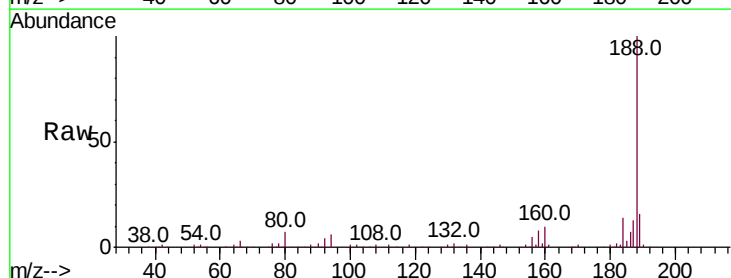
Tgt Ion: 188 Resp: 185545

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

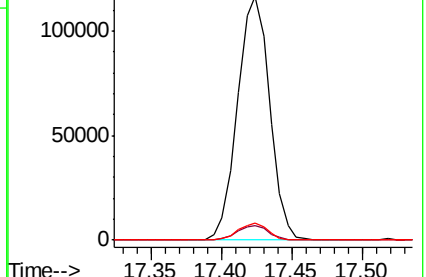
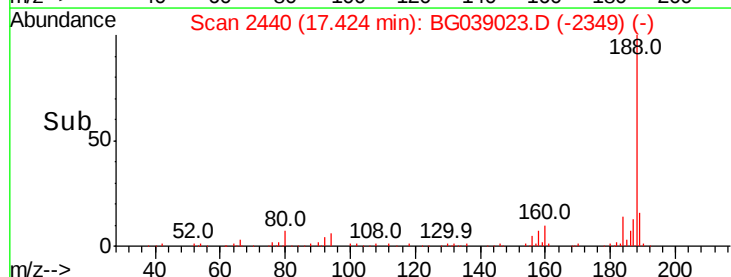
80 7.0 4.7 7.1

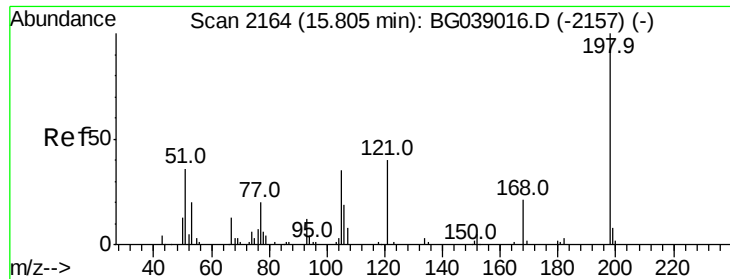


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

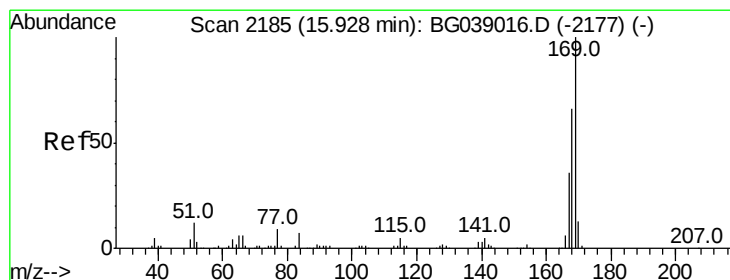
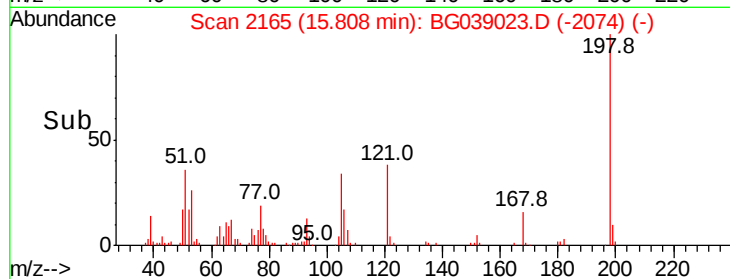
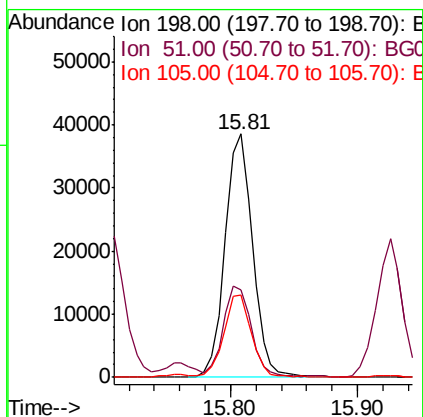
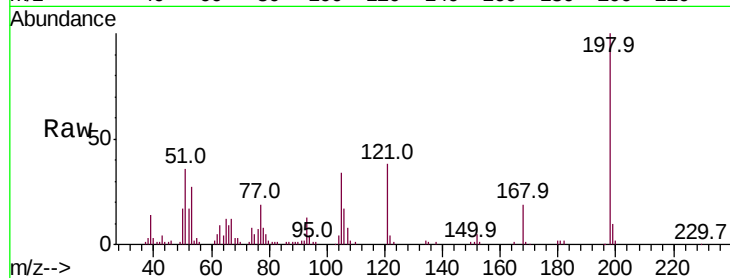




#65
4,6-Dinitro-2-methylphenol
Concen: 42.236 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

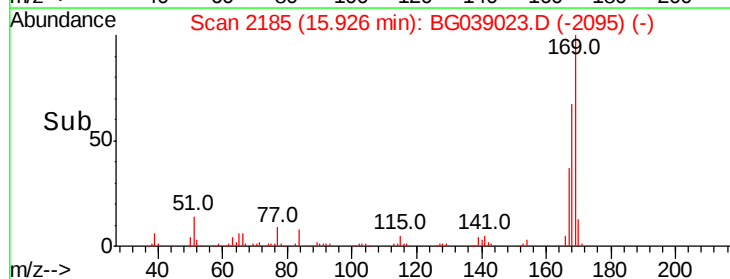
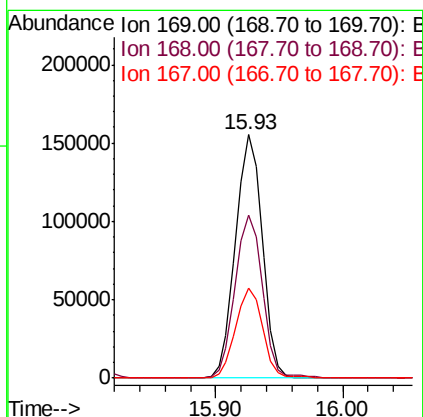
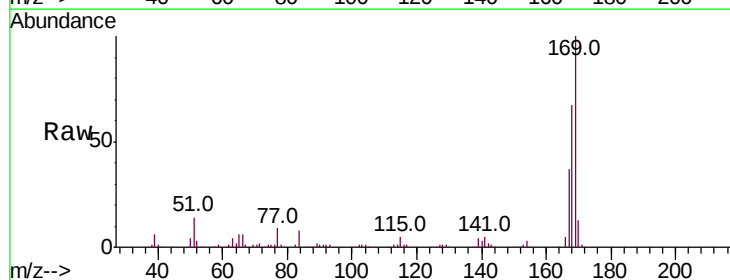
Instrument :
BNA_G
ClientSampleId :

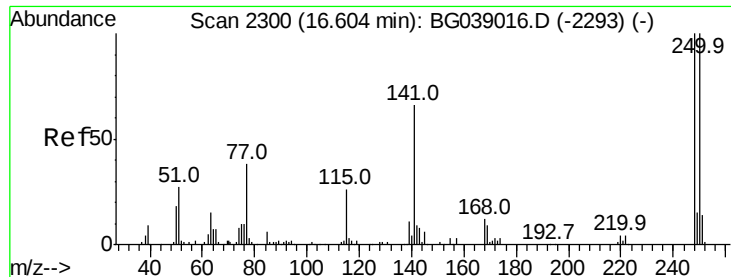
Tot Ion:198 Resp: 58059
Ion Ratio Lower Upper
198 100
51 35.7 20.8 60.8
105 33.6 16.1 56.1



#66
n-Nitrosodiphenylamine
Concen: 41.300 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:169 Resp: 227168
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.7 29.1 43.7



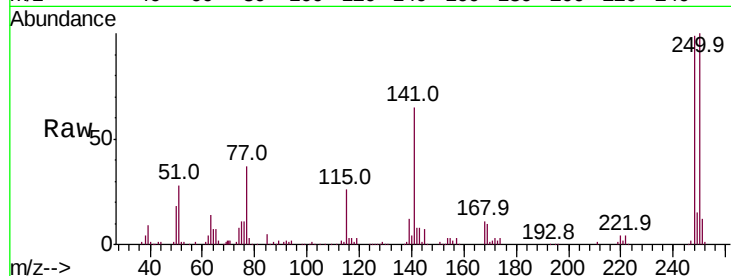


#67
 4-Bromophenyl-phenylether
 Concen: 40.149 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

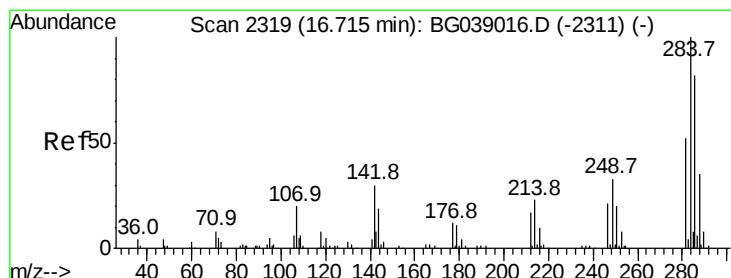
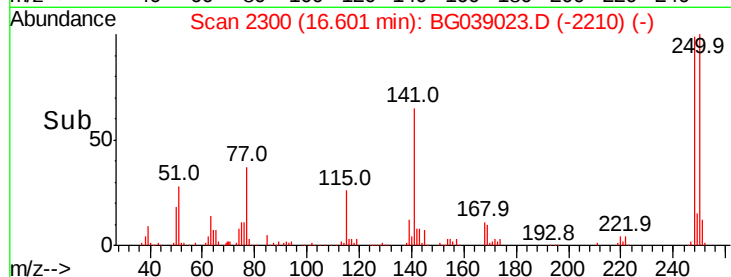
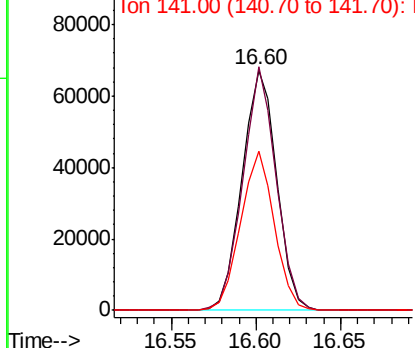
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 95759

Ion	Ratio	Lower	Upper
248	100		
250	101.3	79.9	119.9
141	66.2	52.7	79.1



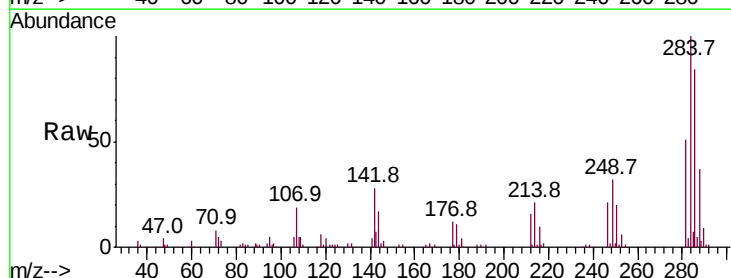
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



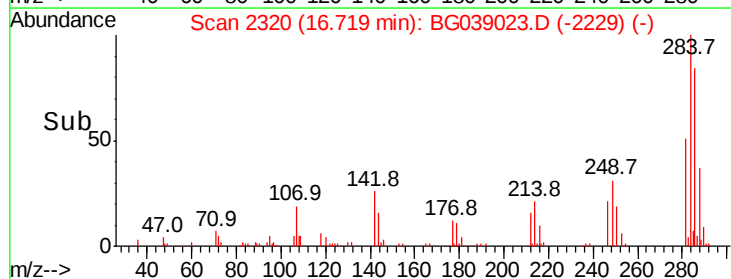
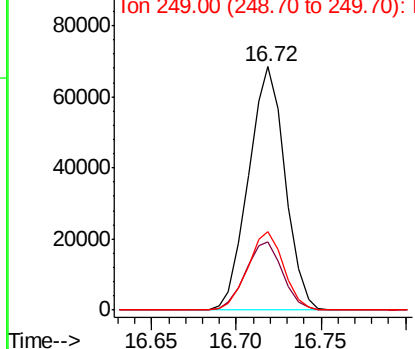
#68
 Hexachlorobenzene
 Concen: 39.483 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion:284 Resp: 102757

Ion	Ratio	Lower	Upper
284	100		
142	27.8	24.3	36.5
249	34.5	27.8	41.8



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

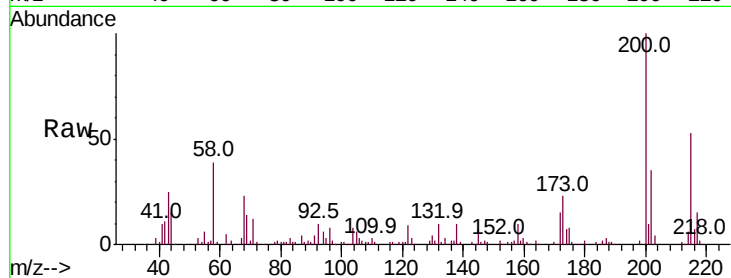




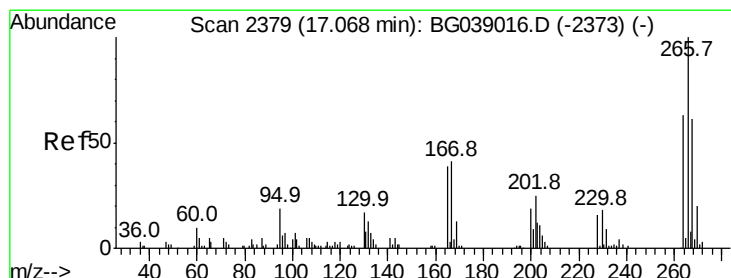
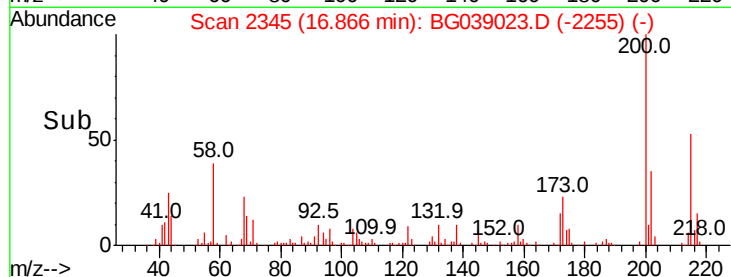
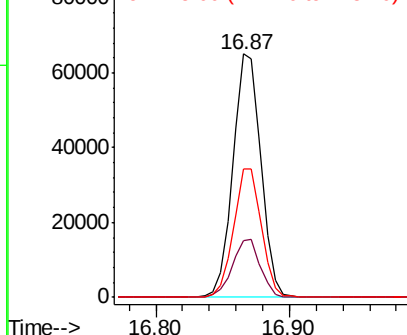
#69
Atrazine
Concen: 40.556 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 94768
Ion Ratio Lower Upper
200 100
173 23.2 2.6 42.6
215 52.6 28.0 68.0

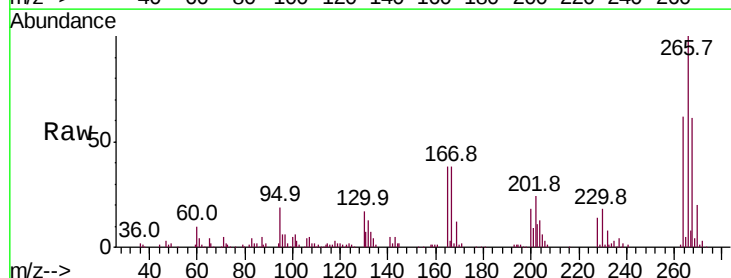


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

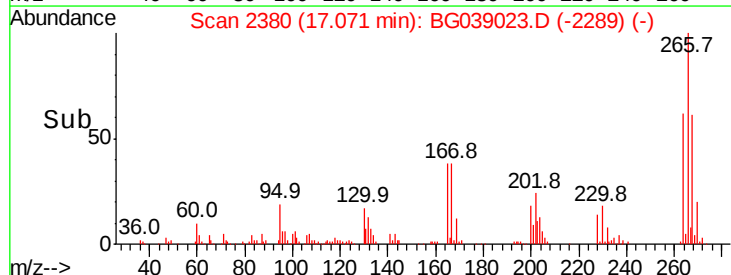
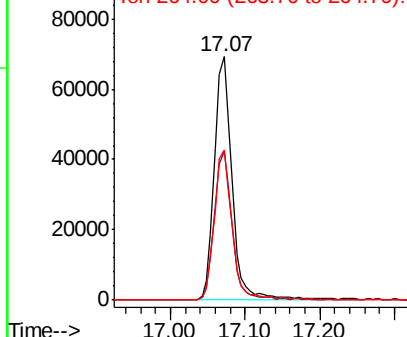


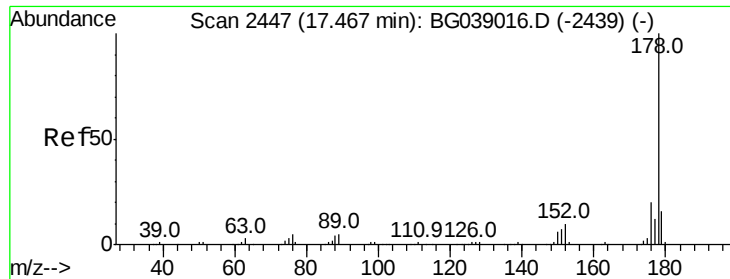
#70
Pentachlorophenol
Concen: 71.825 ng
RT: 17.07 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion:266 Resp: 114467
Ion Ratio Lower Upper
266 100
268 65.6 52.0 78.0
264 66.5 54.6 81.8



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

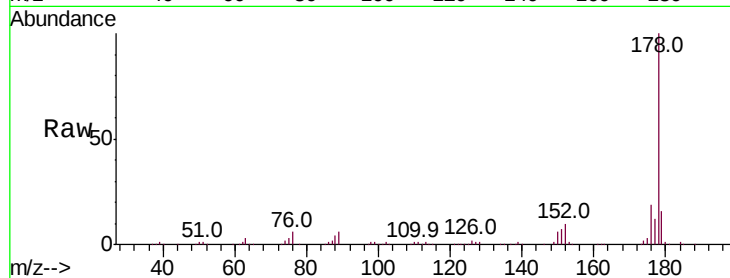




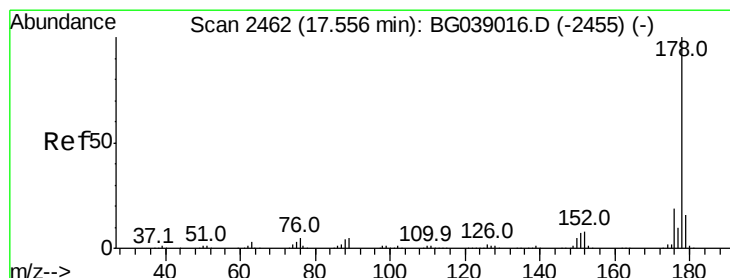
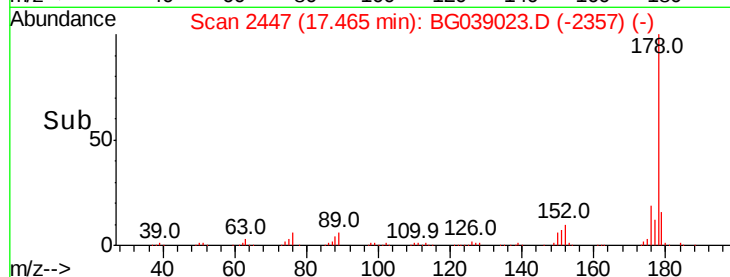
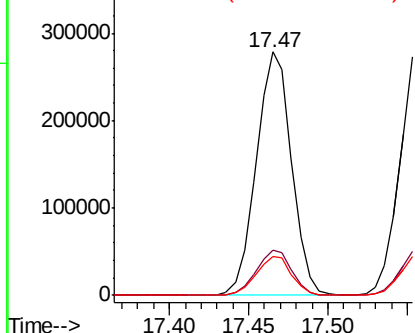
#71
 Phenanthrene
 Concen: 43.686 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 428439
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.7 23.5
 179 16.2 12.9 19.3

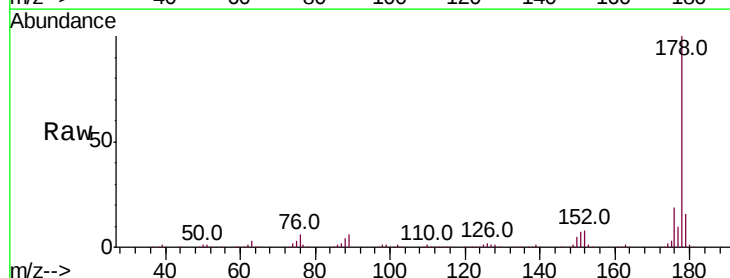


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

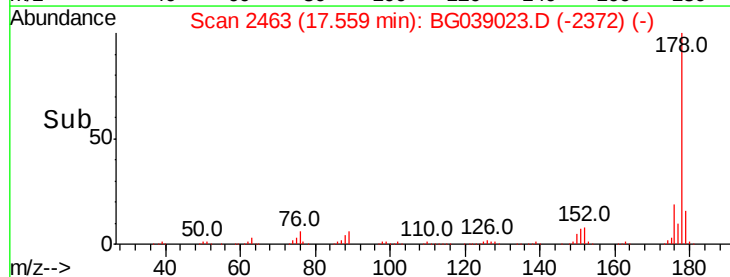
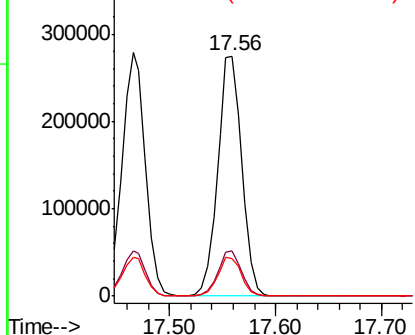


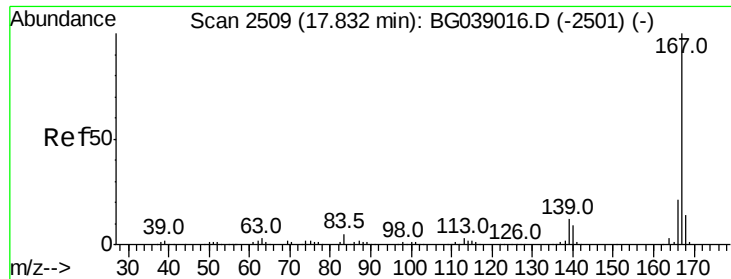
#72
 Anthracene
 Concen: 44.871 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion:178 Resp: 435108
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.7 13.0 19.4



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

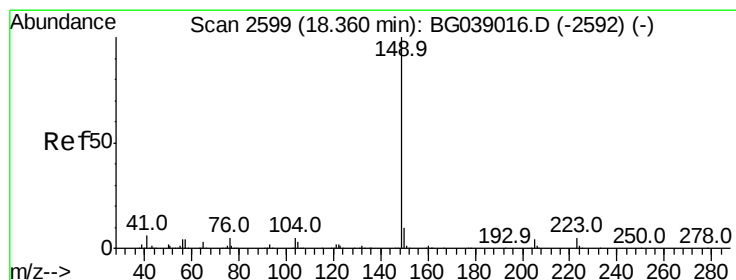
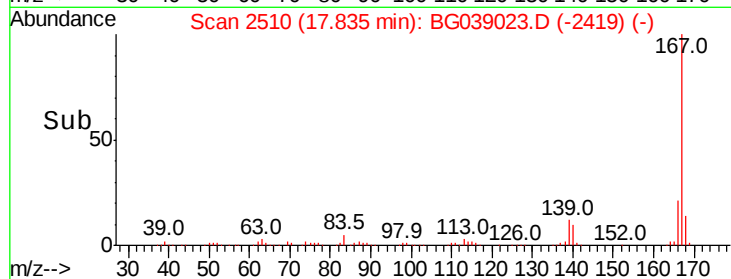
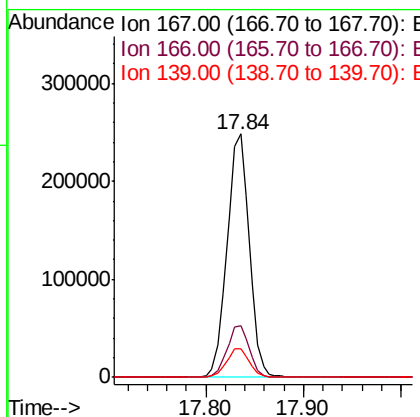
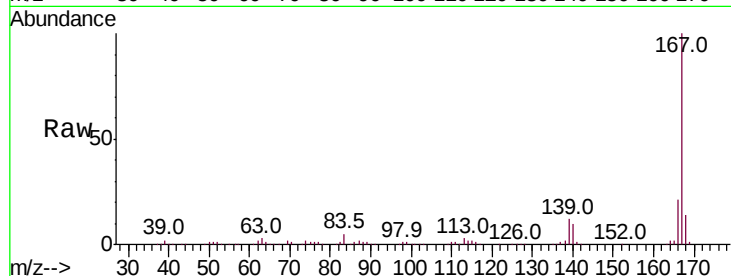




#73
 Carbazole
 Concen: 40.875 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

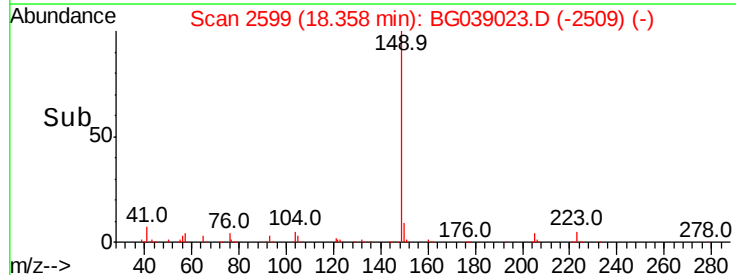
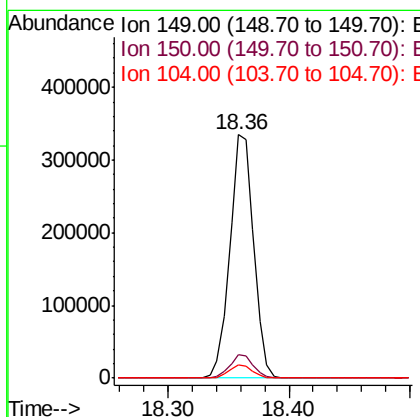
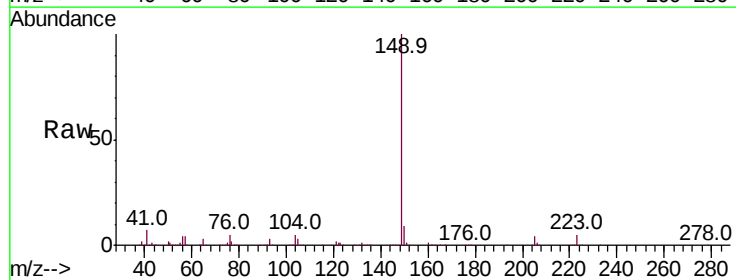
Instrument :
 BNA_G
 ClientSampleId :

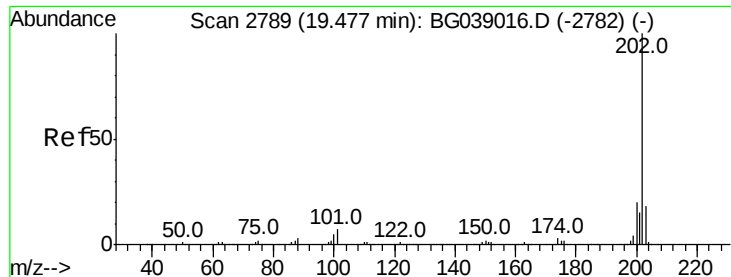
Tot Ion:167 Resp: 391281
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 11.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 42.911 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion:149 Resp: 456963
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.9 11.9
 104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 44.820 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

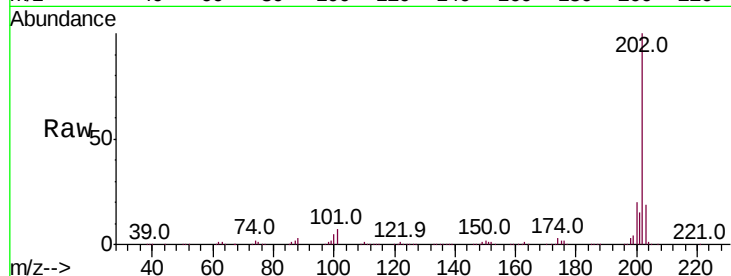
Tot Ion:202 Resp: 544925

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.9

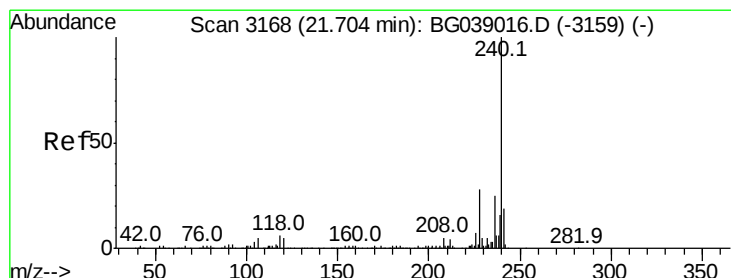
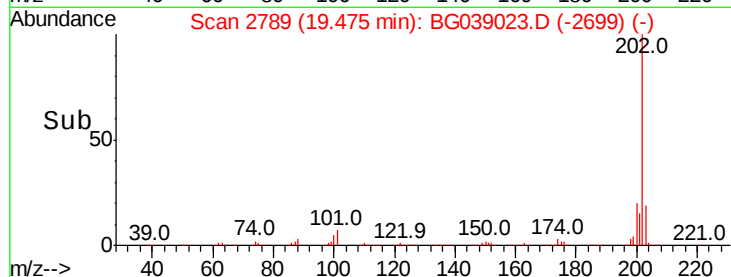
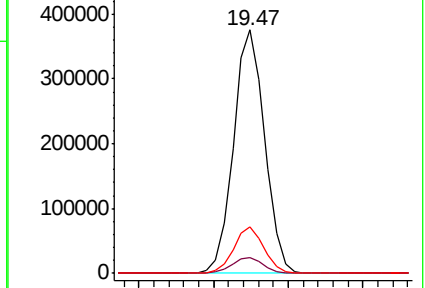
203 18.9 0.0 38.1



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: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

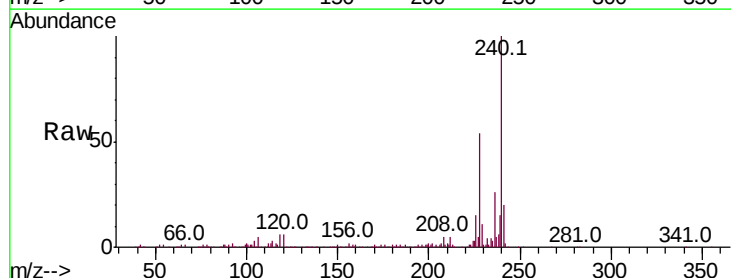
Tgt Ion:240 Resp: 195452

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

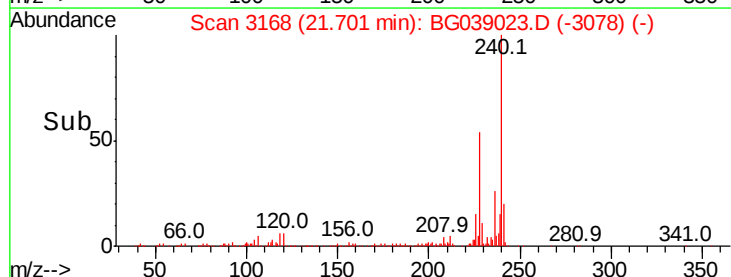
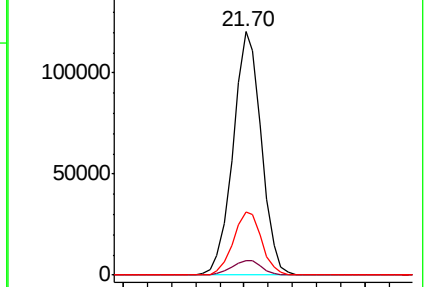
236 25.7 20.1 30.1



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: 33.209 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

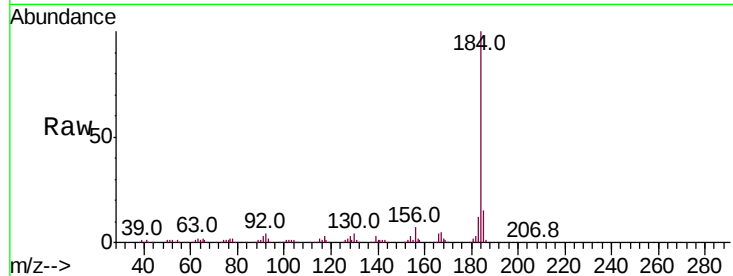
Tot Ion:184 Resp: 198529

Ion Ratio Lower Upper

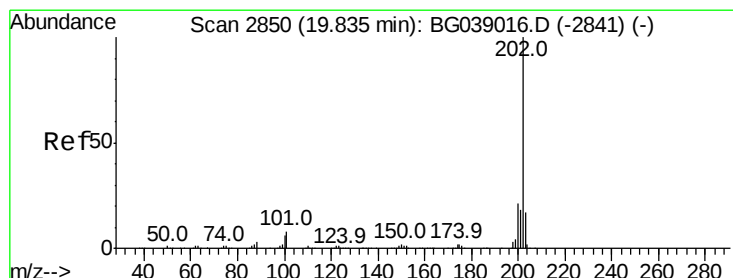
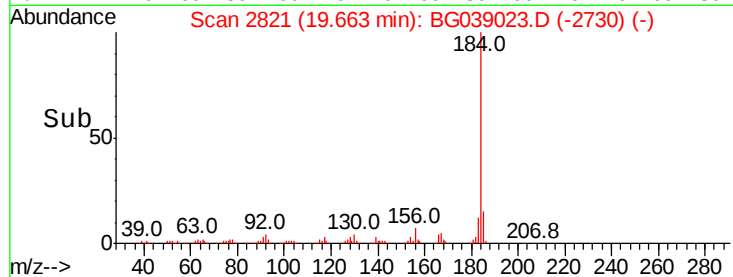
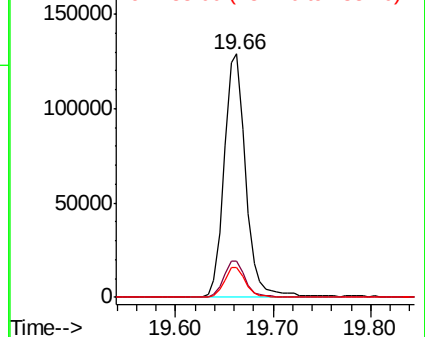
184 100

185 14.7 12.1 18.1

183 12.3 9.5 14.3



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: 43.432 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

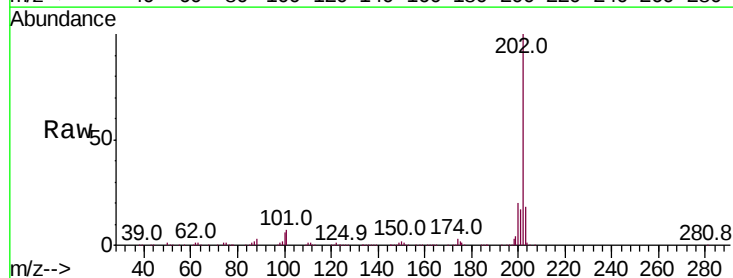
Tgt Ion:202 Resp: 540980

Ion Ratio Lower Upper

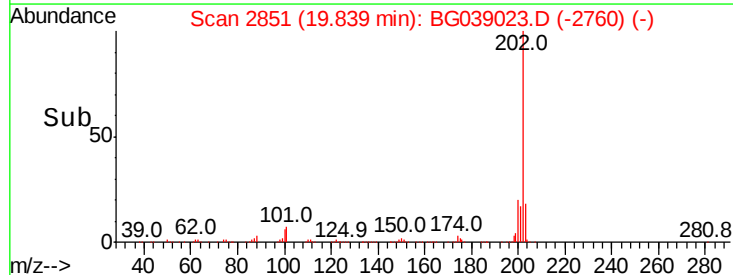
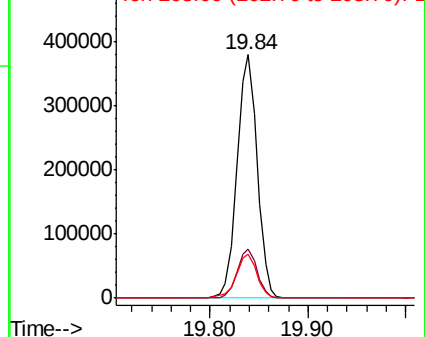
202 100

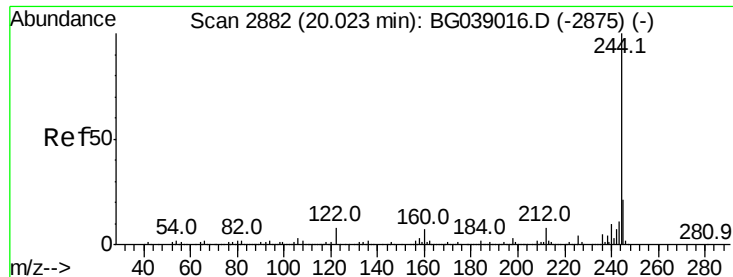
200 20.3 17.0 25.6

203 18.1 14.0 21.0



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: 70.855 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

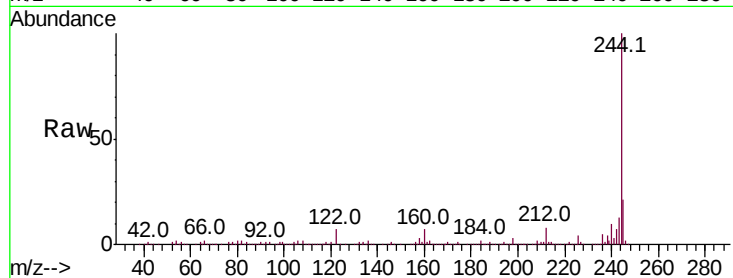
Tot Ion:244 Resp: 748621

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

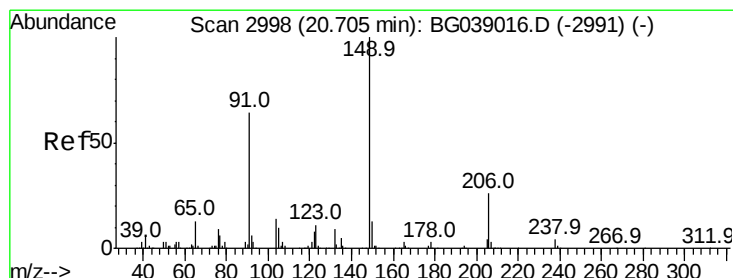
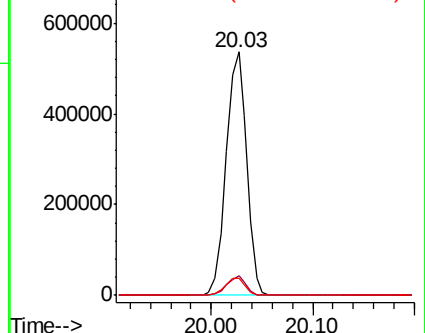
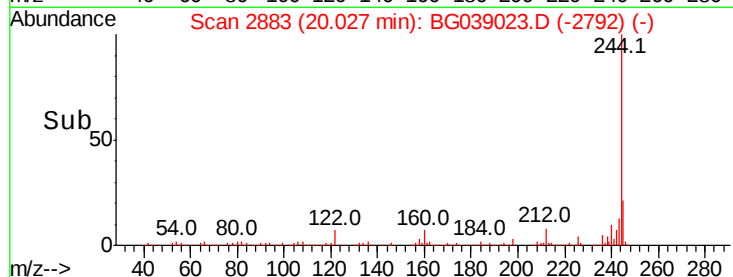
122 6.9 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.897 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

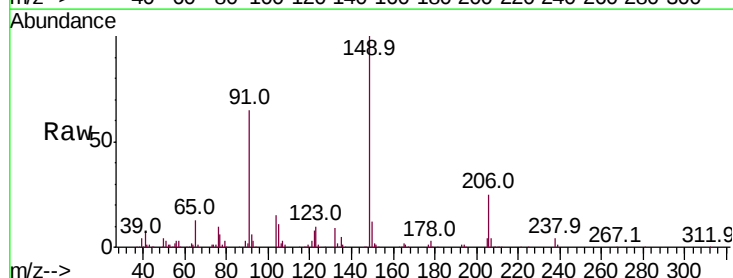
Tgt Ion:149 Resp: 203224

Ion Ratio Lower Upper

149 100

91 65.2 51.4 77.0

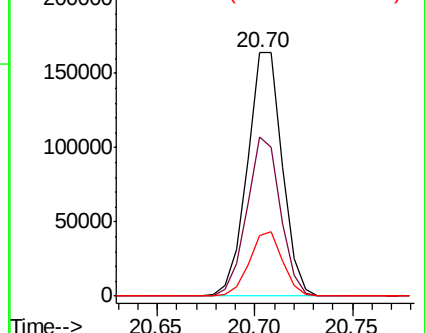
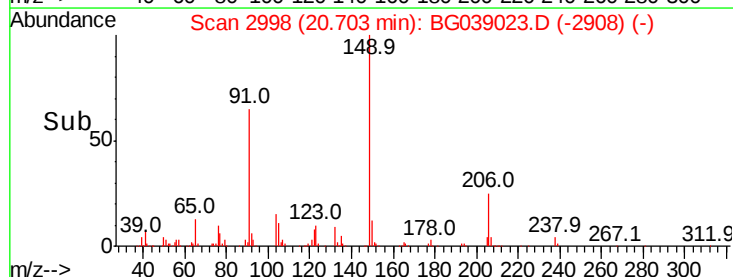
206 25.0 20.4 30.6

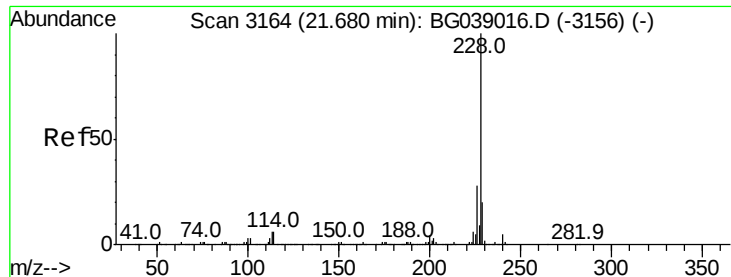


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.638 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

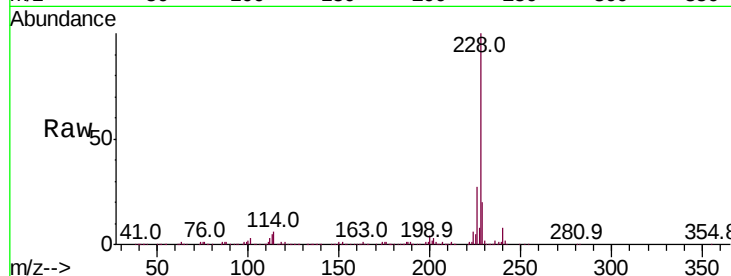
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 531112

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.4	33.6
229	20.1	16.2	24.2

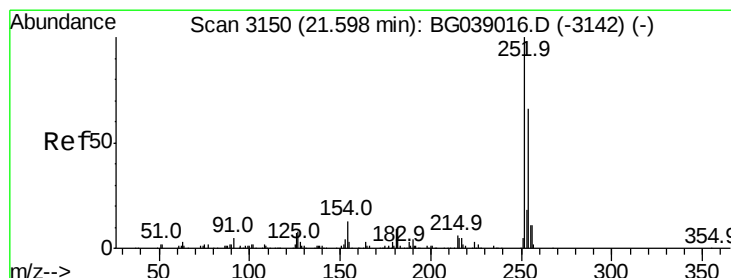
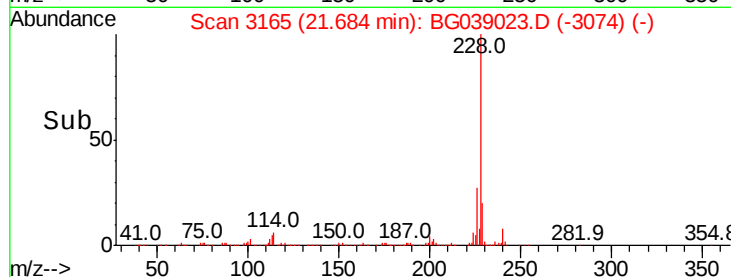
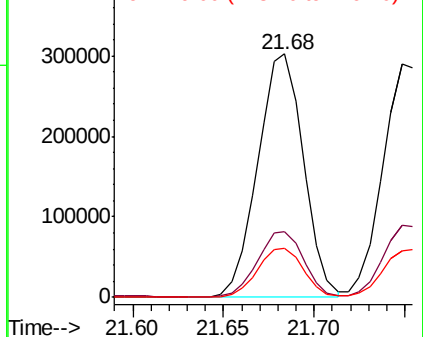


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.106 ng

RT: 21.60 min Scan# 3150

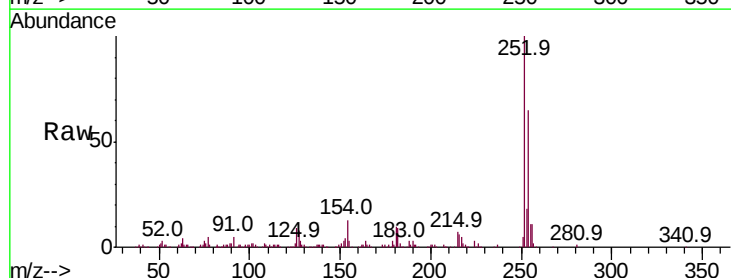
Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion:252 Resp: 165338

Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.0	79.6
126	8.7	6.0	9.0

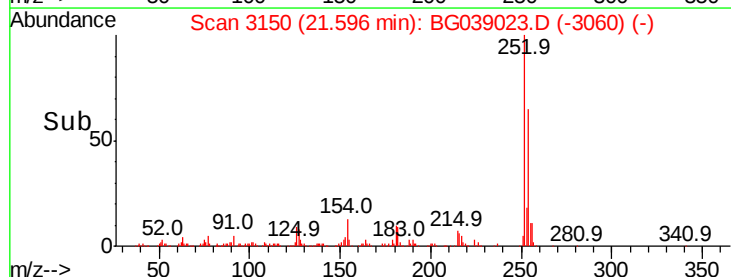
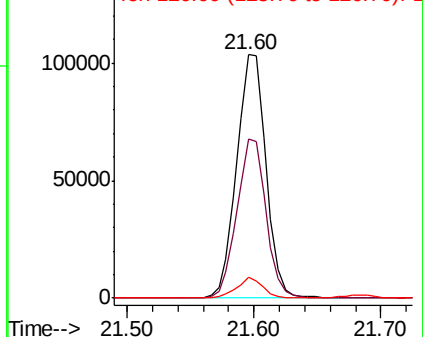


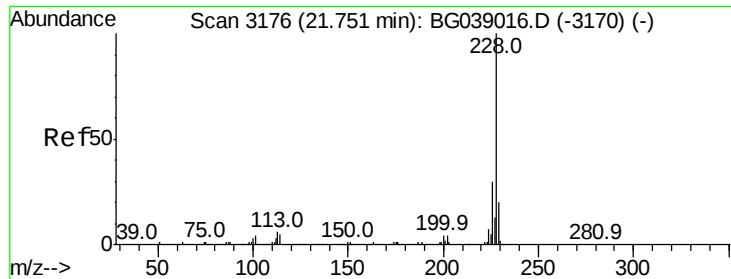
Abundance

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

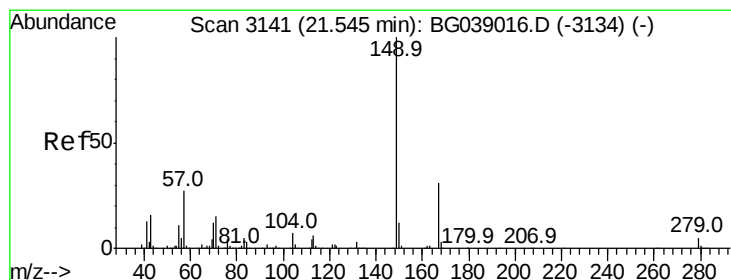
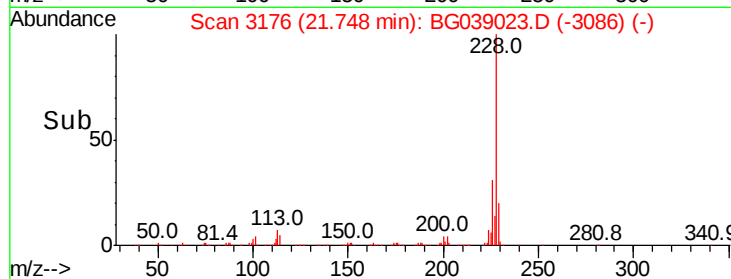
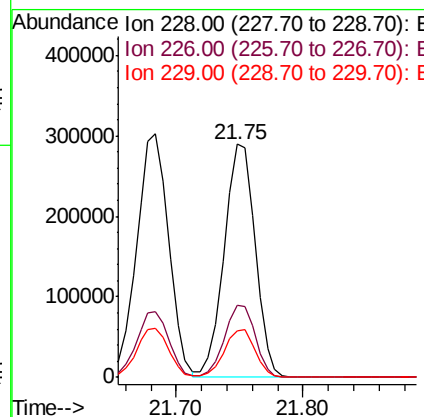
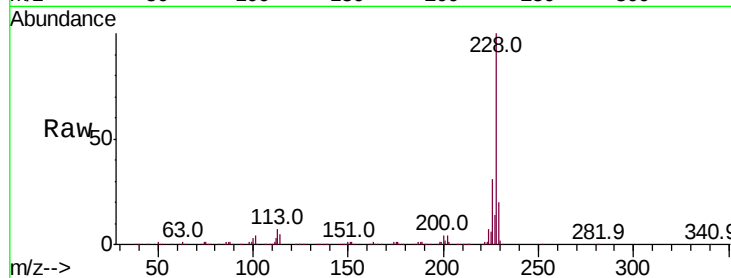




#83
 Chrysene
 Concen: 43.475 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

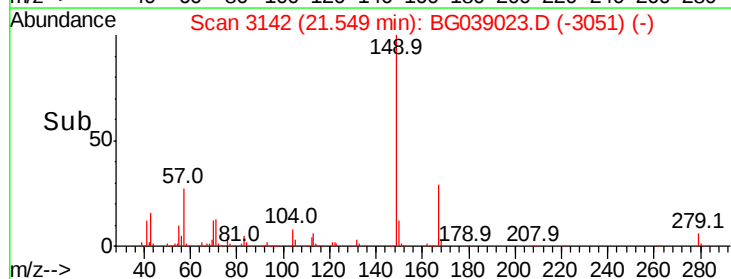
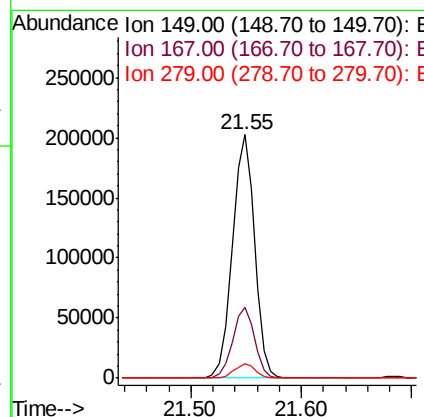
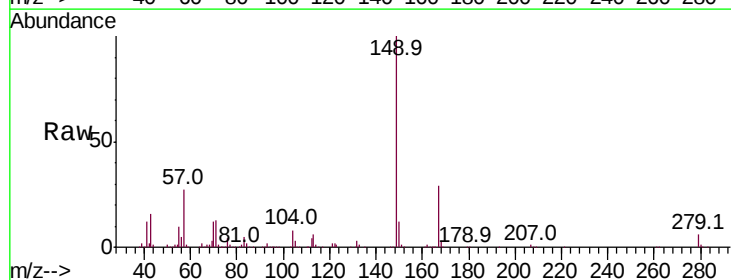
Instrument :
 BNA_G
 ClientSampleId :

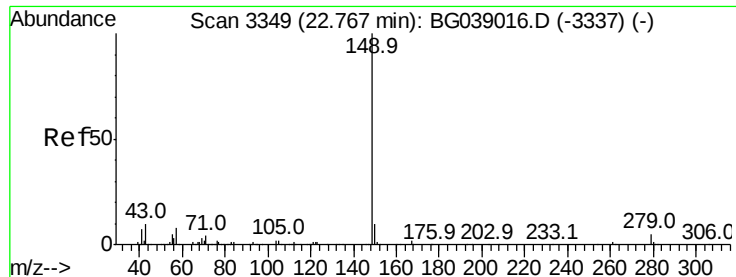
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	20.0	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.239 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	25.0	37.4
279	6.1	4.3	6.5

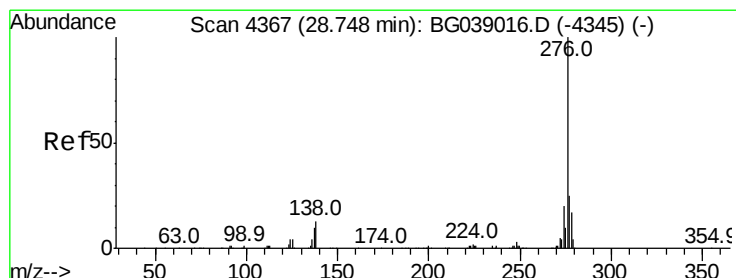
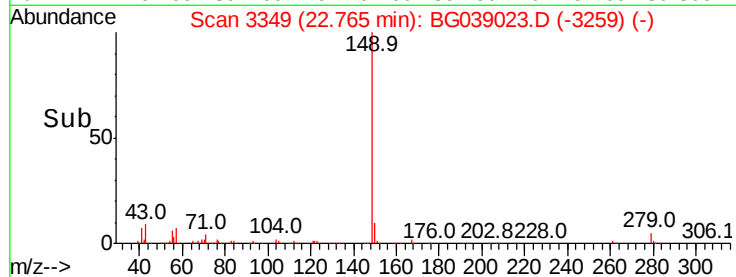
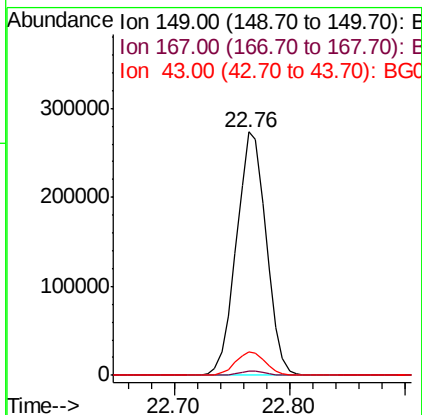
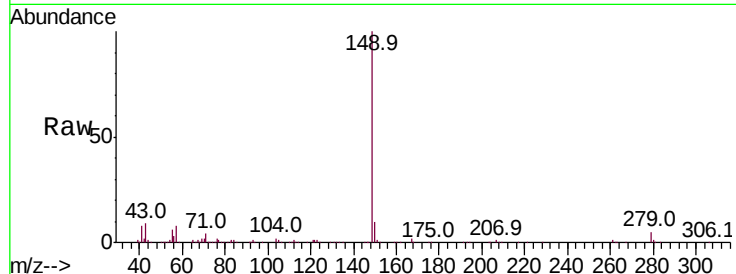




#85
Di-n-octyl phthalate
Concen: 43.860 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

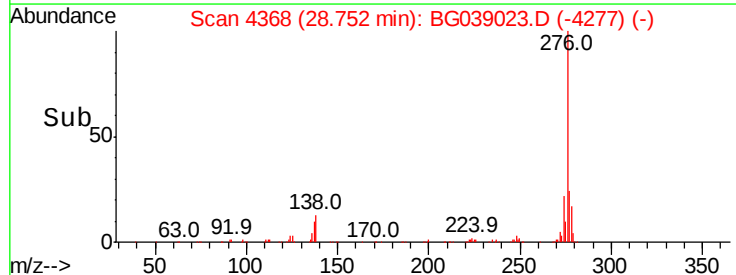
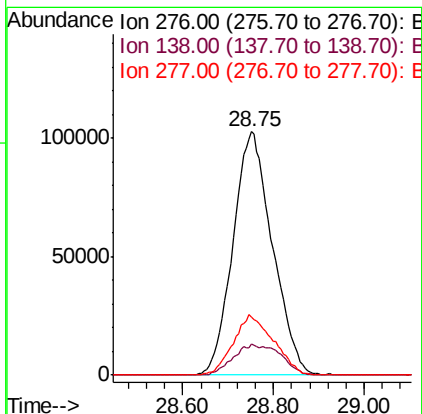
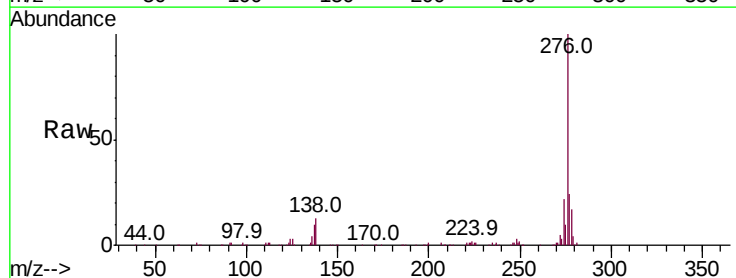
Instrument :
BNA_G
ClientSampleId :

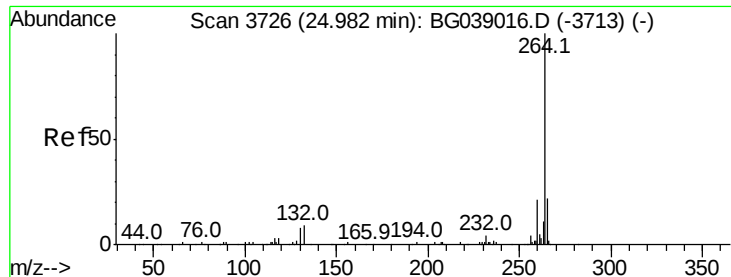
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.799 ng
RT: 28.75 min Scan# 4368
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	8.0	12.0#
277	25.2	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

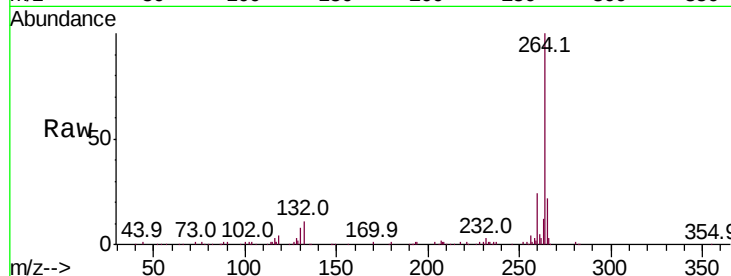
Tot Ion:264 Resp: 191239

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.0	25.6
265	22.1	17.2	25.8

264 100

260 23.7 17.0 25.6

265 22.1 17.2 25.8

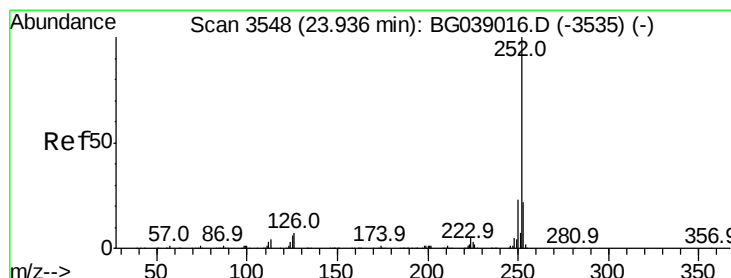
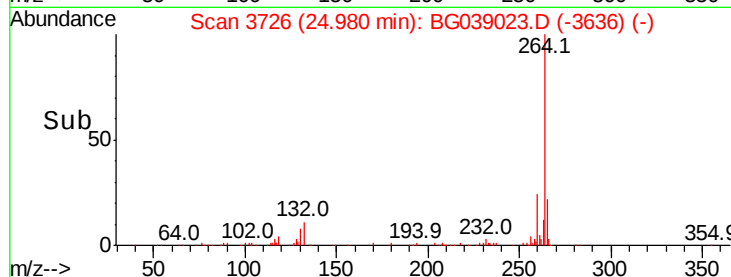
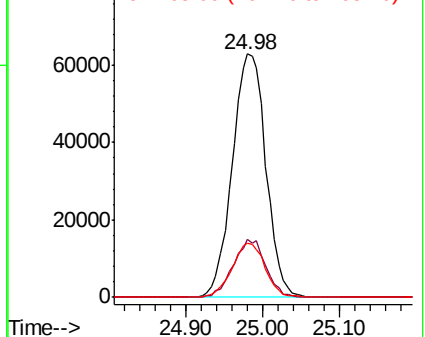


Abundance

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: 51.322 ng

RT: 23.93 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

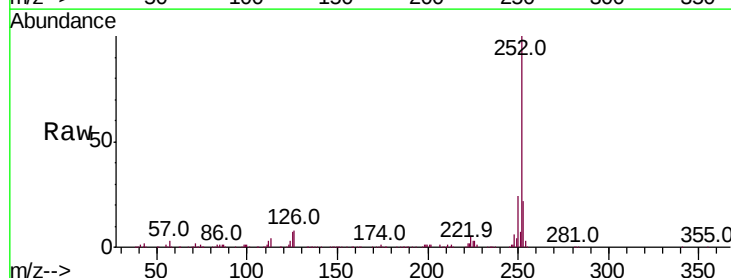
Tgt Ion:252 Resp: 541183

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	6.7	4.9	7.3

252 100

253 22.2 17.8 26.6

125 6.7 4.9 7.3

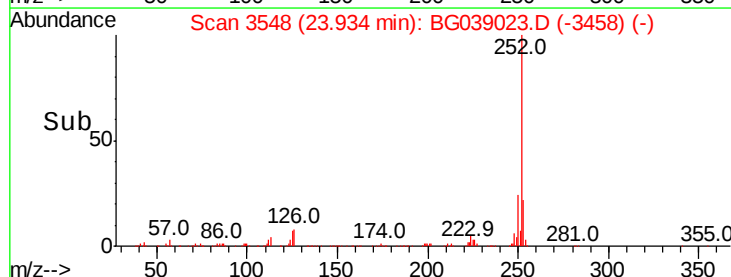
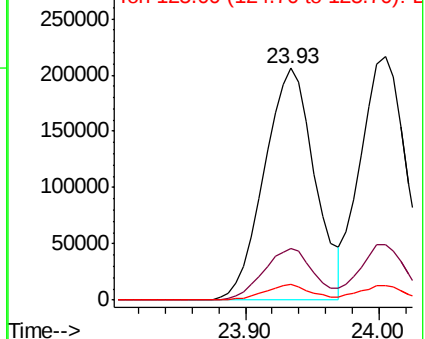


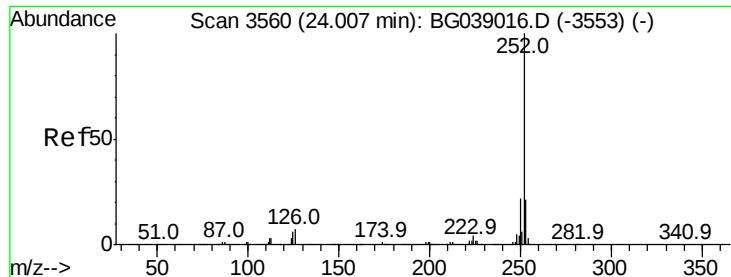
Abundance

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

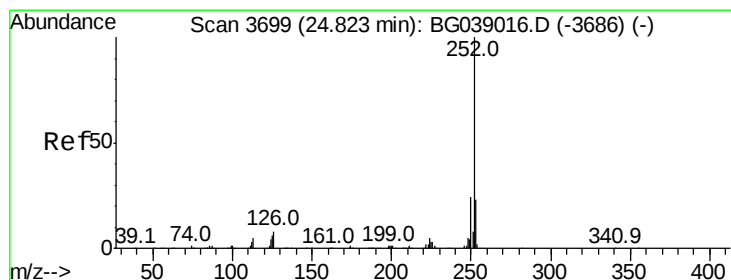
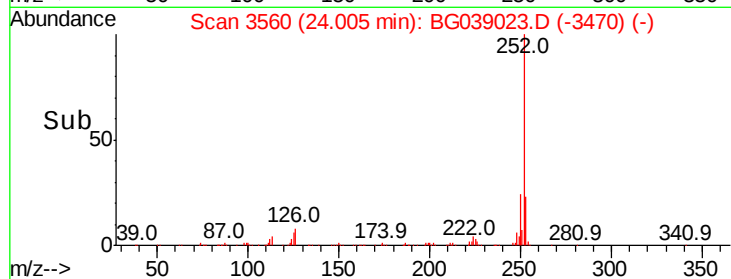
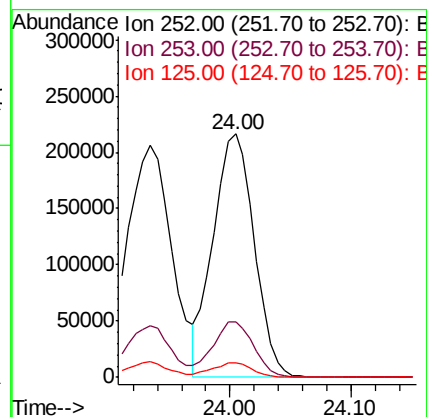
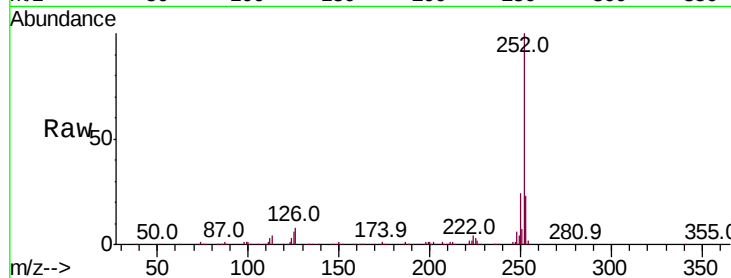




#89
Benzo(k)fluoranthene
Concen: 48.868 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

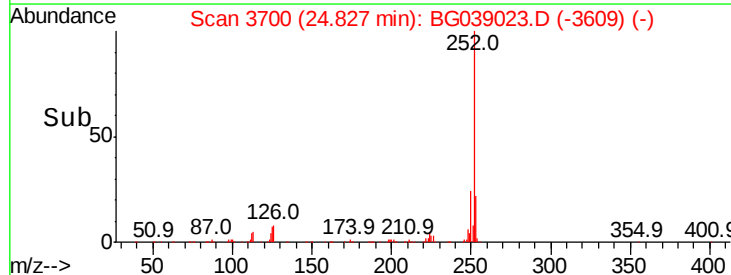
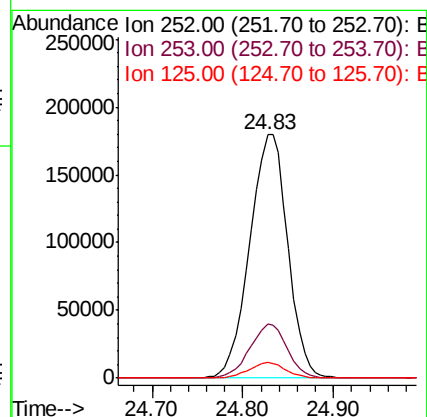
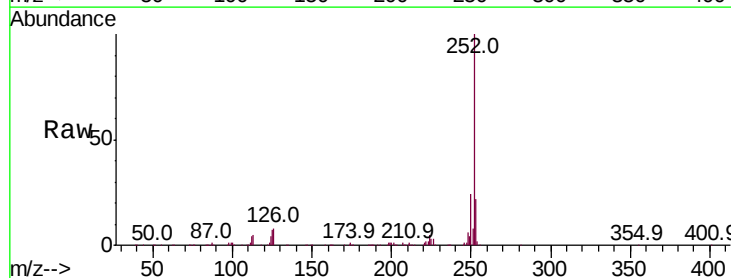
Instrument :
BNA_G
ClientSampleId :

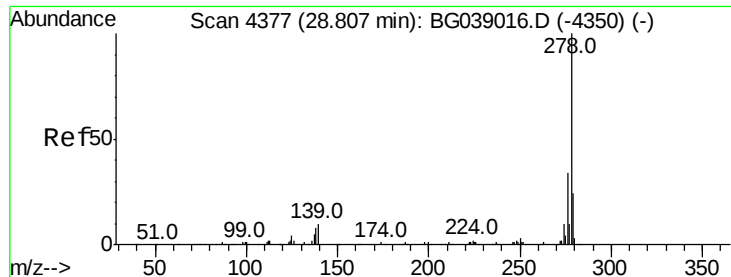
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	5.7	4.6	7.0



#90
Benzo(a)pyrene
Concen: 51.266 ng
RT: 24.83 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	6.7	4.9	7.3





#91

Dibenzo(a,h)anthracene

Concen: 50.666 ng

RT: 28.80 min Scan# 4377

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

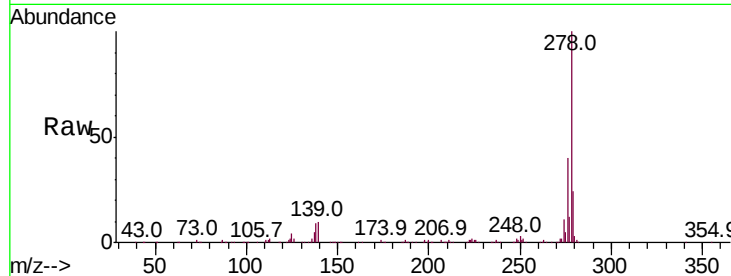
Tot Ion:278 Resp: 513655

Ion Ratio Lower Upper

278 100

139 9.8 7.9 11.9

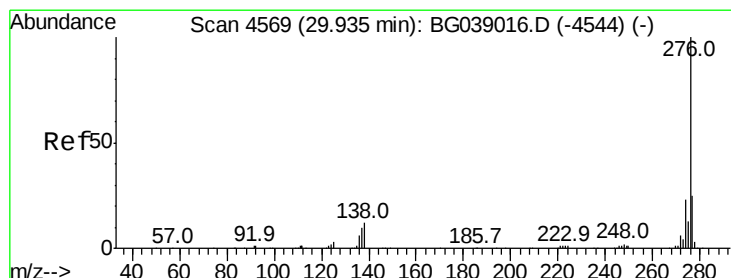
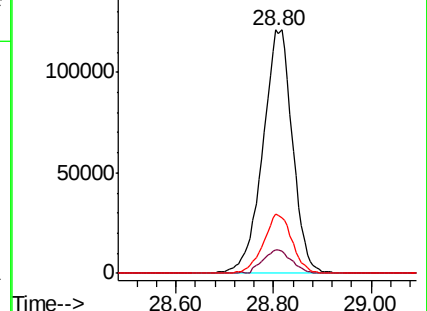
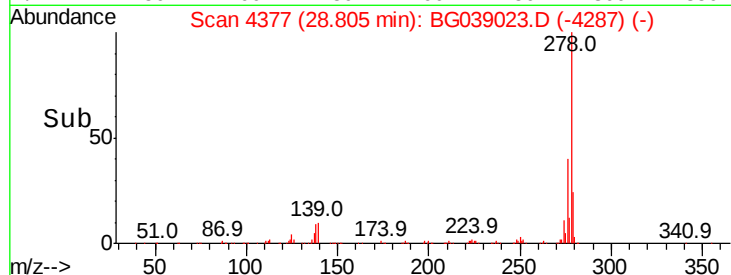
279 24.2 19.3 28.9



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: 50.575 ng

RT: 29.94 min Scan# 4570

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

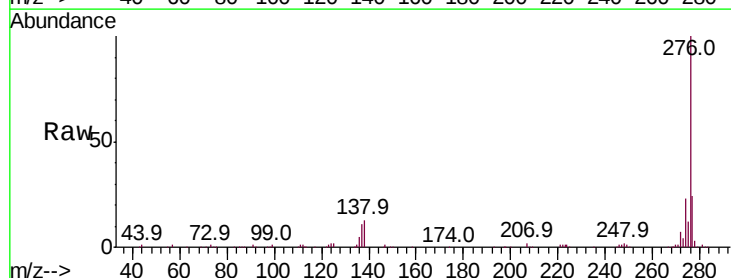
Tgt Ion:276 Resp: 507599

Ion Ratio Lower Upper

276 100

277 24.2 20.3 30.5

138 13.4 9.4 14.2



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

