

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039019.D
 Acq On : 9 Jan 2019 13:36
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 14:14:48 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 12:51:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27122	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	105090	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	72827	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	173755	20.00	ng	0.00
76) Chrysene-d12	21.71	240	175170	20.00	ng	0.00
87) Perylene-d12	24.98	264	193524	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	218113	142.64	ng	0.00
7) Phenol-d6	7.19	99	318275	151.61	ng	0.00
23) Nitrobenzene-d5	9.22	82	308425	149.93	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	195088	194.37	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	831040	156.54	ng	0.00
79) Terphenyl-d14	20.03	244	1389825	172.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	41029	57.650	ng	98
3) Pyridine	3.86	79	109581	55.924	ng	97
4) n-Nitrosodimethylamine	3.79	42	55967	58.293	ng	# 98
6) Aniline	7.36	93	187610	70.009	ng	98
8) 2-Chlorophenol	7.59	128	127212	71.888	ng	97
9) Benzaldehyde	7.18	77	62810	46.122	ng	98
10) Phenol	7.22	94	159485	71.510	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	114456	64.459	ng	99
12) 1,3-Dichlorobenzene	7.92	146	147923	70.698	ng	97
13) 1,4-Dichlorobenzene	8.06	146	151892	70.882	ng	99
14) 1,2-Dichlorobenzene	8.39	146	145322	71.934	ng	96
15) Benzyl Alcohol	8.28	79	124732	76.124	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	223020	54.830	ng	99
17) 2-Methylphenol	8.47	107	109179	73.067	ng	98
18) Hexachloroethane	9.11	117	51538	65.818	ng	99
19) n-Nitroso-di-n-propylamine	8.84	70	101838	69.071	ng	# 97
20) 3+4-Methylphenols	8.81	107	157209	76.182	ng	98
22) Acetophenone	8.87	105	220428	83.975	ng	97
24) Nitrobenzene	9.26	77	153599	73.810	ng	99
25) Isophorone	9.77	82	261466	70.744	ng	100
26) 2-Nitrophenol	9.96	139	87212	81.882	ng	97
27) 2,4-Dimethylphenol	10.01	122	117960	77.277	ng	92
28) bis(2-Chloroethoxy)methane	10.25	93	156963	75.255	ng	100
29) 2,4-Dichlorophenol	10.50	162	153254	90.247	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	174398	85.022	ng	98
31) Naphthalene	10.90	128	410913	79.359	ng	100
32) Benzoic acid	10.21	122	82993	102.401	ng	94
33) 4-Chloroaniline	11.02	127	187314	83.325	ng	99
34) Hexachlorobutadiene	11.16	225	119174	85.863	ng	96
35) Caprolactam	11.84	113	56069	79.783	ng	94
36) 4-Chloro-3-methylphenol	12.14	107	155956	80.478	ng	90
37) 2-Methylnaphthalene	12.51	142	306182	82.887	ng	99
38) 1-Methylnaphthalene	12.72	142	296912	82.831	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	222119	81.594	ng	100

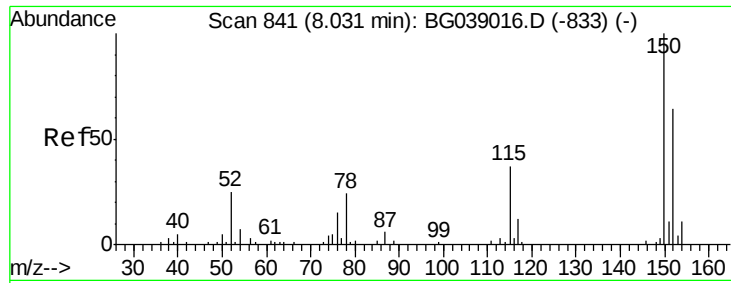
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039019.D
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 QLast Update : Wed Jan 09 12:51:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	124650	83.345	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	145222	86.761	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	153029	86.351	ng	97
46) 1,1'-Biphenyl	13.51	154	458334	75.072	ng	99
47) 2-Chloronaphthalene	13.56	162	371976	78.876	ng	99
48) 2-Nitroaniline	13.77	65	106744	71.060	ng	96
49) Acenaphthylene	14.40	152	544849	77.281	ng	99
50) Dimethylphthalate	14.13	163	464452	78.095	ng	100
51) 2,6-Dinitrotoluene	14.26	165	107826	80.004	ng	99
52) Acenaphthene	14.74	154	329408	78.137	ng	96
53) 3-Nitroaniline	14.60	138	107451	78.210	ng	98
54) 2,4-Dinitrophenol	14.80	184	64479	91.619	ng	95
55) Dibenzofuran	15.07	168	565218	78.215	ng	98
56) 4-Nitrophenol	14.91	139	80785	77.509	ng	97
57) 2,4-Dinitrotoluene	15.05	165	149574	78.795	ng	96
58) Fluorene	15.73	166	427619	79.870	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	139925	87.759	ng	97
60) Diethylphthalate	15.48	149	474617	72.695	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	275858	82.579	ng	98
62) 4-Nitroaniline	15.77	138	103634	73.269	ng	98
63) Azobenzene	16.00	77	376066	68.951	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	107082	86.392	ng	94
66) n-Nitrosodiphenylamine	15.93	169	414683	81.226	ng	95
67) 4-Bromophenyl-phenylether	16.61	248	186053	87.676	ng	96
68) Hexachlorobenzene	16.72	284	198755	90.354	ng	96
69) Atrazine	16.88	200	160363	84.640	ng	95
70) Pentachlorophenol	17.07	266	121405	93.308	ng	97
71) Phenanthrene	17.47	178	714641	79.314	ng	99
72) Anthracene	17.56	178	708255	79.623	ng	99
73) Carbazole	17.83	167	683416	77.687	ng	98
74) Di-n-butylphthalate	18.36	149	747372	74.040	ng	99
75) Fluoranthene	19.47	202	846374	75.920	ng	99
77) Benzidine	19.66	184	350157	67.591	ng	# 95
78) Pyrene	19.84	202	859234	74.250	ng	99
80) Butylbenzylphthalate	20.71	149	341513	75.537	ng	98
81) Benzo(a)anthracene	21.68	228	833534	78.090	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	336742	79.545	ng	99
83) Chrysene	21.75	228	795158	77.341	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	474237	73.959	ng	97
85) Di-n-octyl phthalate	22.77	149	800636	74.555	ng	99
86) Indeno(1,2,3-cd)pyrene	28.76	276	992428	82.106	ng	99
88) Benzo(b)fluoranthene	23.94	252	860894	81.023	ng	99
89) Benzo(k)fluoranthene	24.01	252	824577	77.934	ng	99
90) Benzo(a)pyrene	24.84	252	827503	80.727	ng	99
91) Dibenzo(a,h)anthracene	28.83	278	821731	80.512	ng	99
92) Benzo(g,h,i)perylene	29.96	276	817825	81.309	ng	97

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

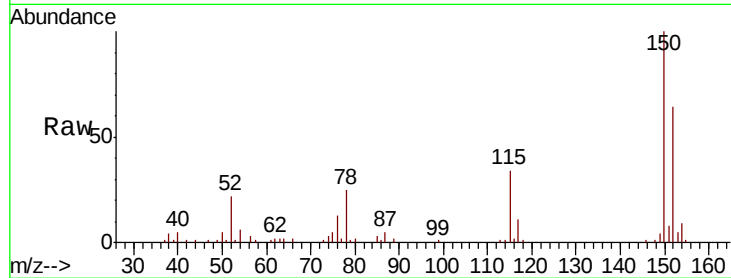


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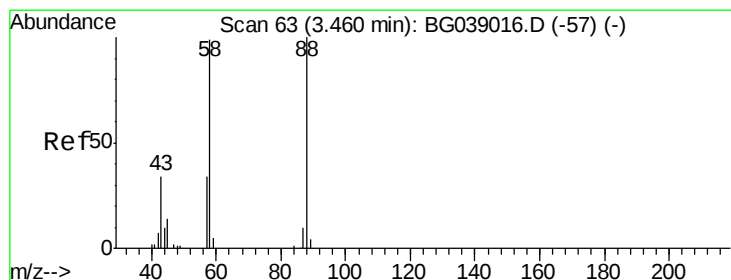
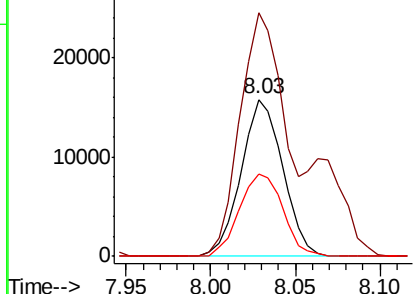
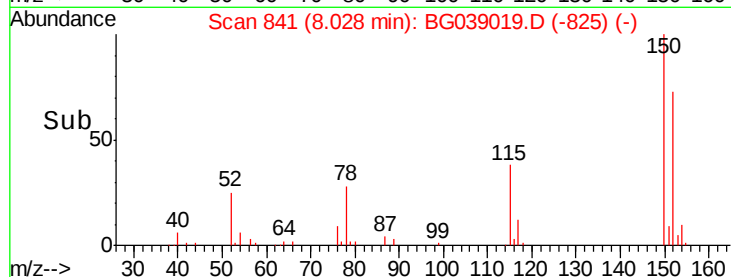
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27122
Ion Ratio Lower Upper
152 100
150 155.2 124.7 187.1
115 52.2 46.5 69.7



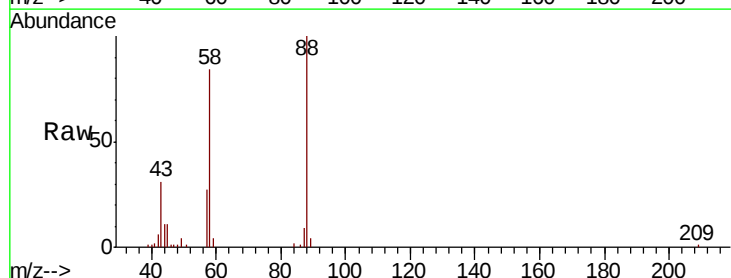
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



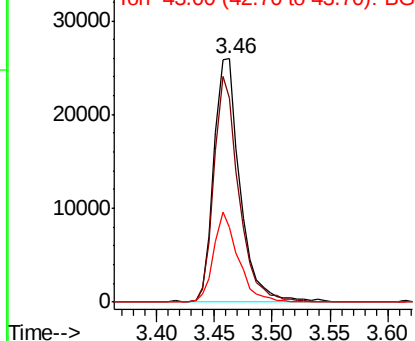
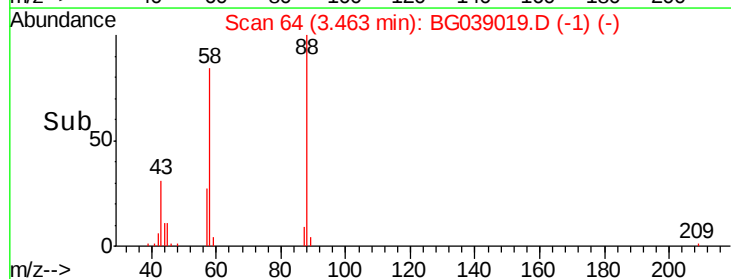
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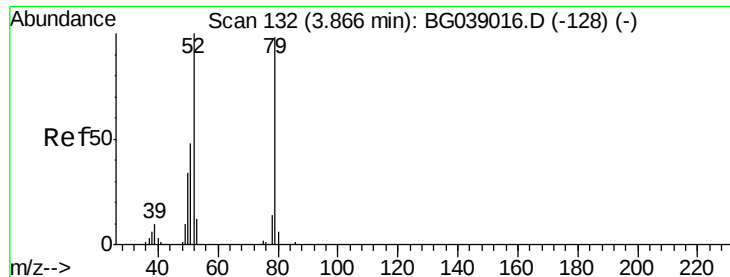
1,4-Dioxane
Concen: 57.650 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion: 88 Resp: 41029
Ion Ratio Lower Upper
88 100
58 87.6 72.4 108.6
43 34.2 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

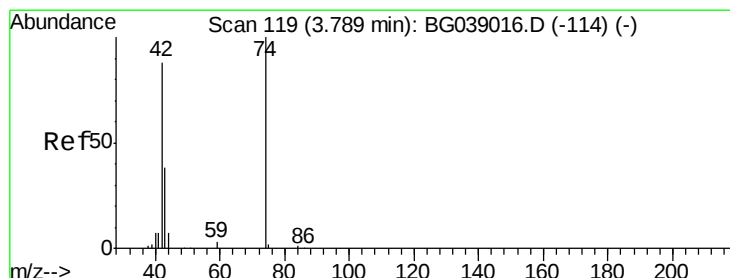
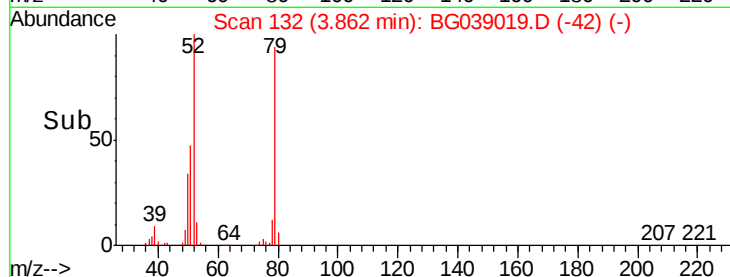
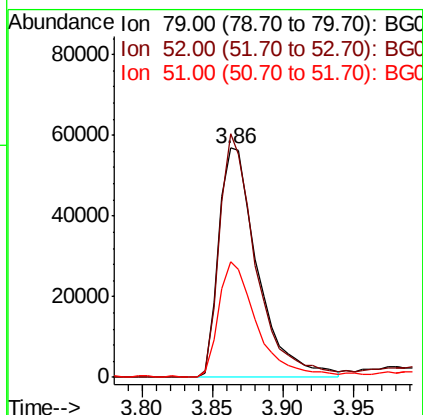
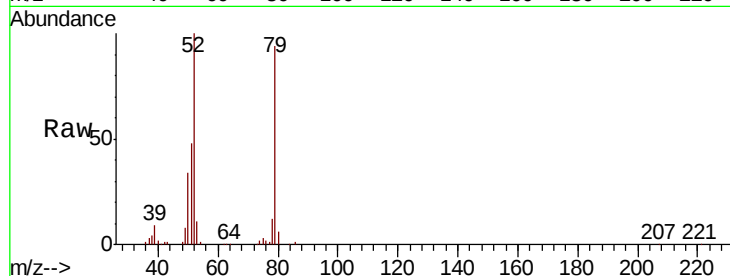




#3
 Pvridine
 Concen: 55.924 ng
 RT: 3.86 min Scan# 132
 Delta R.T. -0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

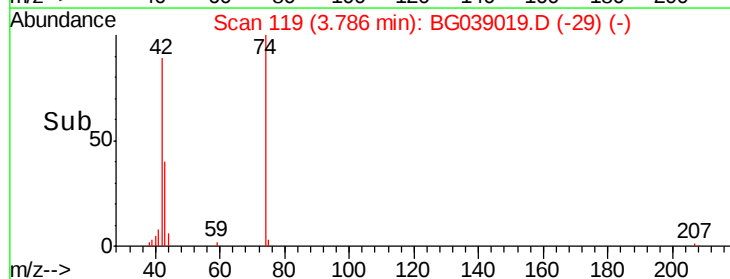
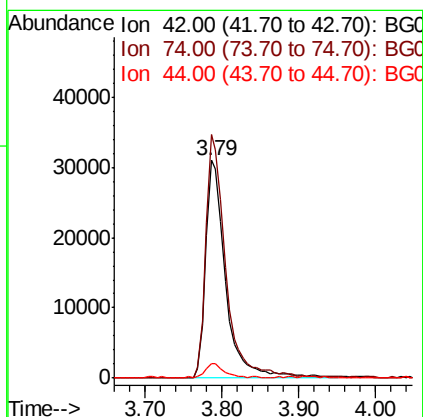
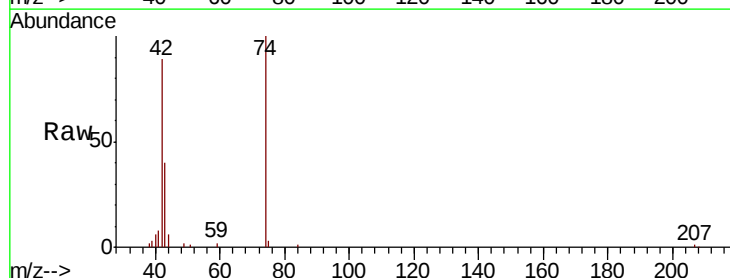
Instrument :
 BNA_G
 ClientSampleId :

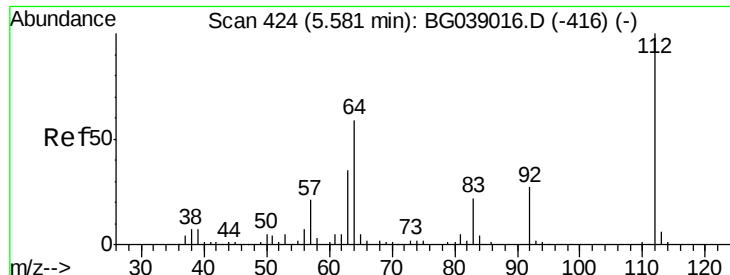
Tot Ion: 79 Resp: 109581
 Ion Ratio Lower Upper
 79 100
 52 106.2 81.5 122.3
 51 50.7 39.8 59.6



#4
 n-Nitrosodimethylamine
 Concen: 58.293 ng
 RT: 3.79 min Scan# 119
 Delta R.T. -0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion: 42 Resp: 55967
 Ion Ratio Lower Upper
 42 100
 74 112.0 90.7 136.1
 44 6.5 6.5 9.7#





#5

2-Fluorophenol

Concen: 142.636 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampled :

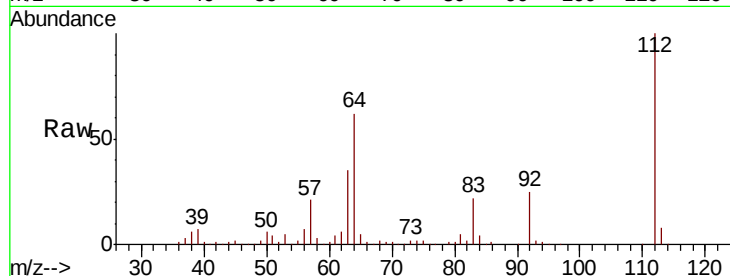
Tot Ion:112 Resp: 218113

Ion Ratio Lower Upper

112 100

64 61.9 47.0 70.6

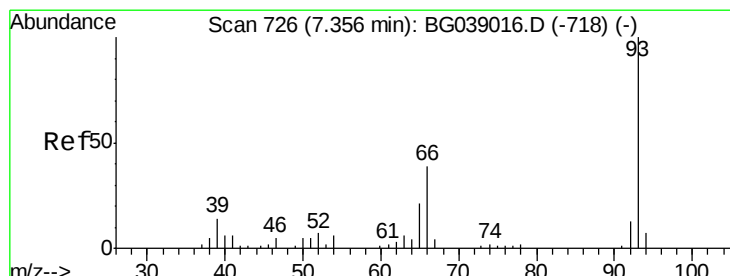
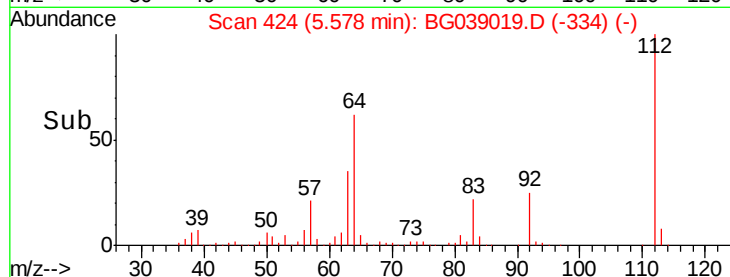
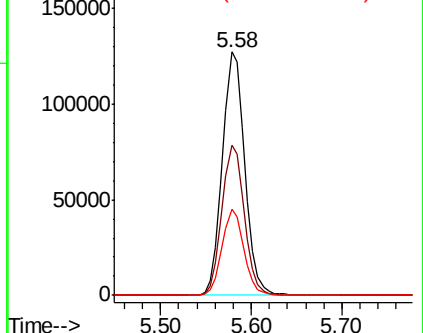
63 35.3 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



#6

Aniline

Concen: 70.009 ng

RT: 7.36 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

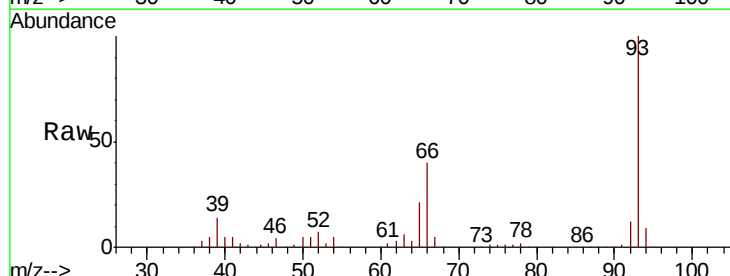
Tgt Ion: 93 Resp: 187610

Ion Ratio Lower Upper

93 100

66 39.8 30.9 46.3

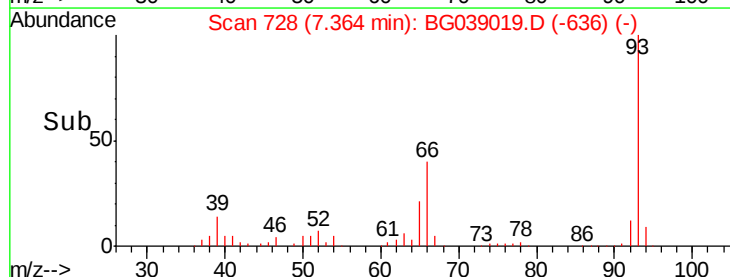
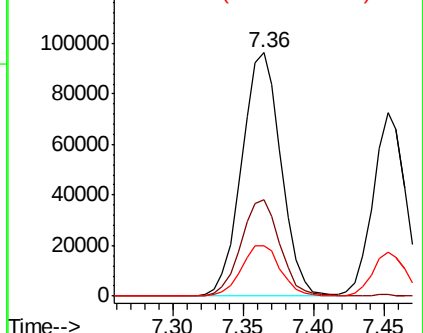
65 20.7 17.0 25.4

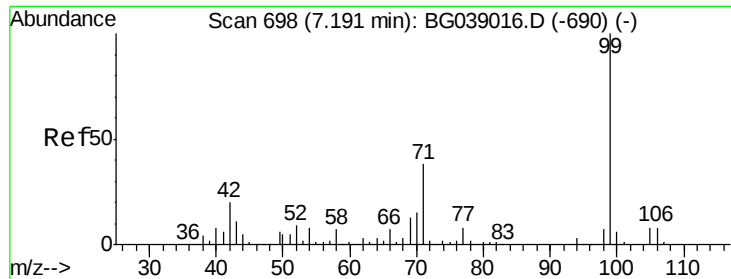


Abundance Ion 93.00 (92.70 to 93.70): BG

Ion 66.00 (65.70 to 66.70): BG

Ion 65.00 (64.70 to 65.70): BG





#7

Phenol-d6

Concen: 151.614 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampled :

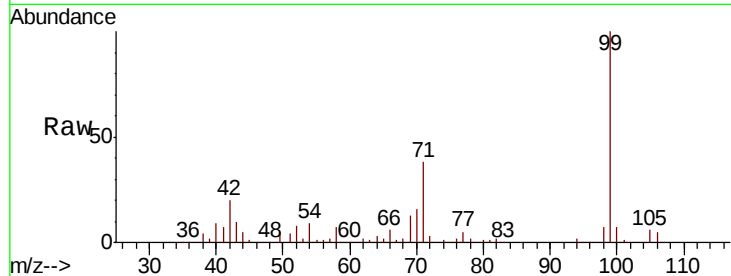
Tot Ion: 99 Resp: 318275

Ion Ratio Lower Upper

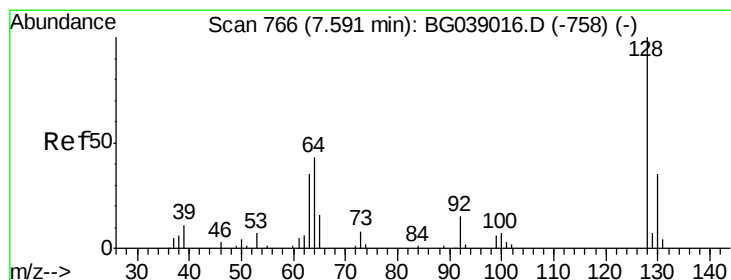
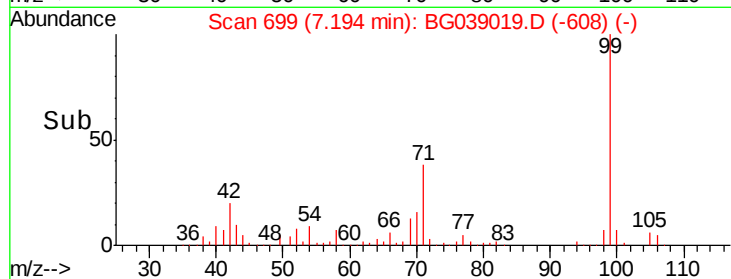
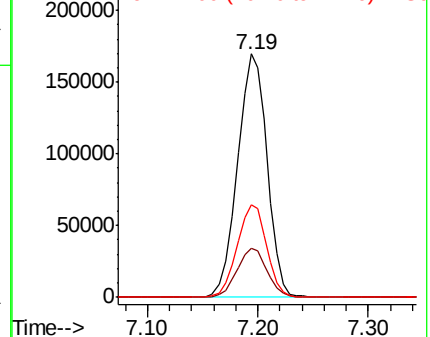
99 100

42 20.3 15.8 23.6

71 37.9 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: 71.888 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

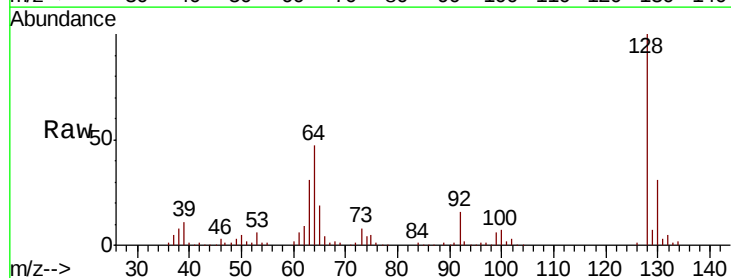
Tgt Ion: 128 Resp: 127212

Ion Ratio Lower Upper

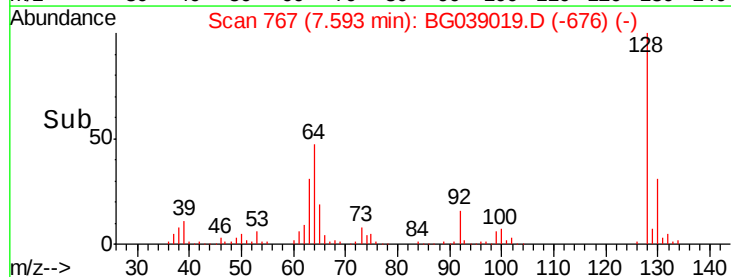
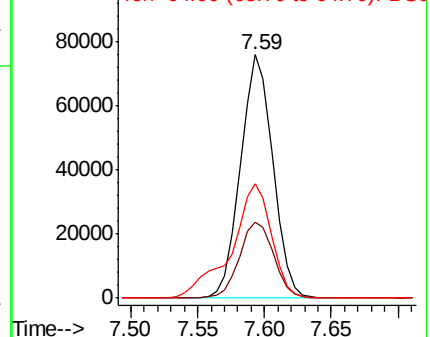
128 100

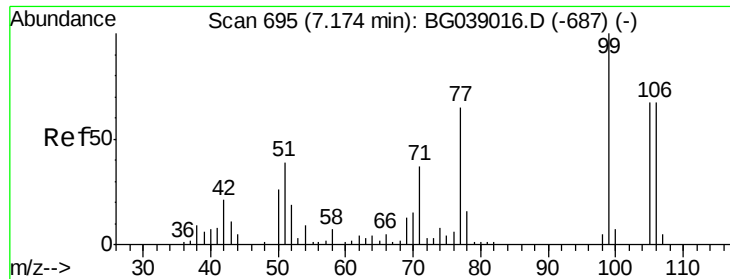
130 31.2 14.5 54.5

64 47.0 27.3 67.3



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





#9

Benzaldehyde

Concen: 46.122 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampled :

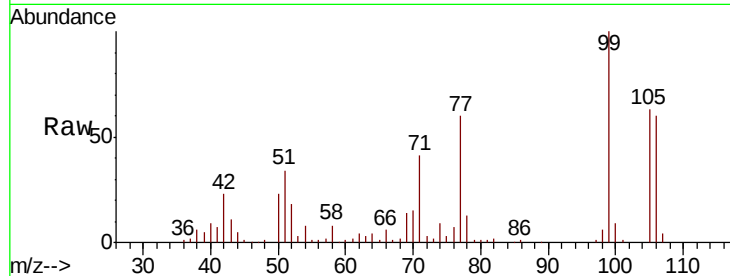
Tot Ion: 77 Resp: 62810

Ion Ratio Lower Upper

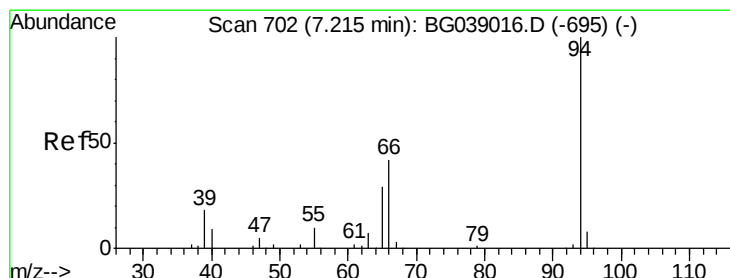
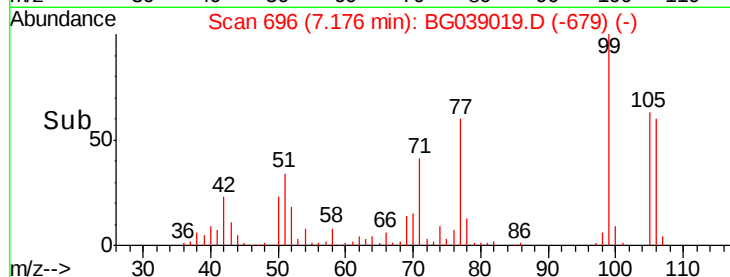
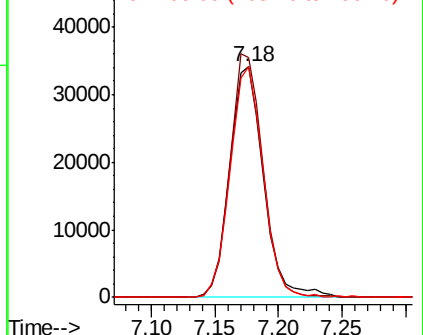
77 100

105 104.2 82.4 122.4

106 100.1 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: 71.510 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

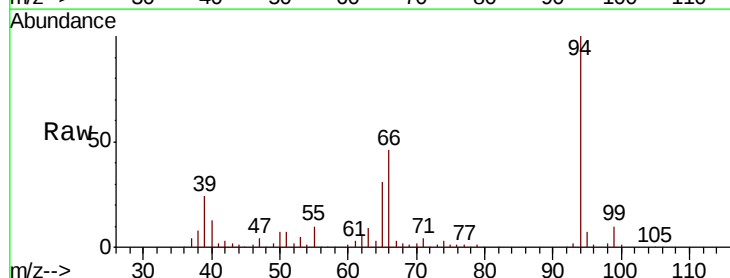
Tgt Ion: 94 Resp: 159485

Ion Ratio Lower Upper

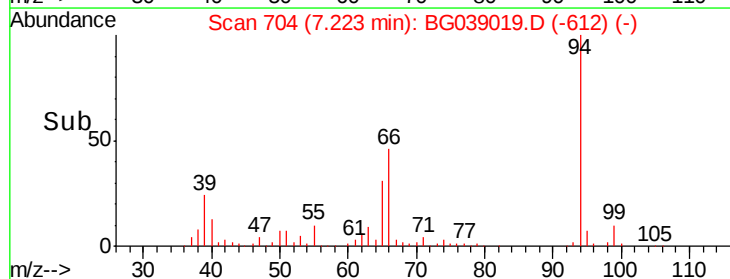
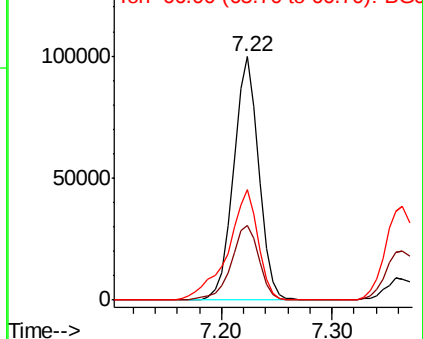
94 100

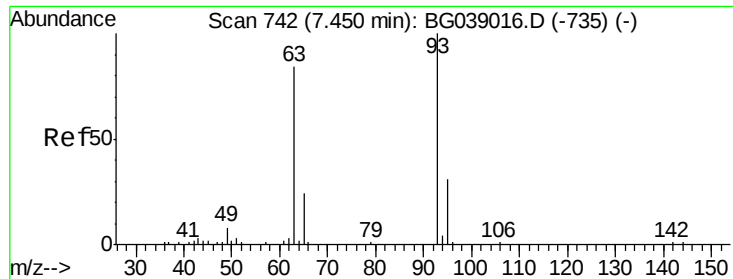
65 30.6 10.3 50.3

66 45.6 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



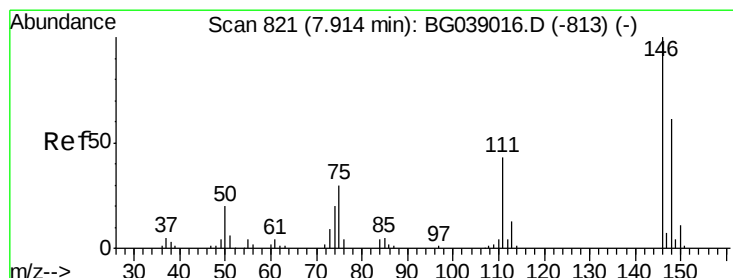
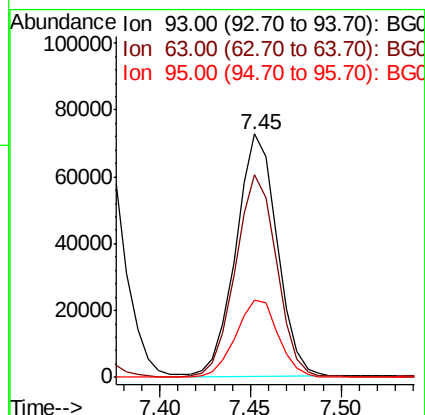
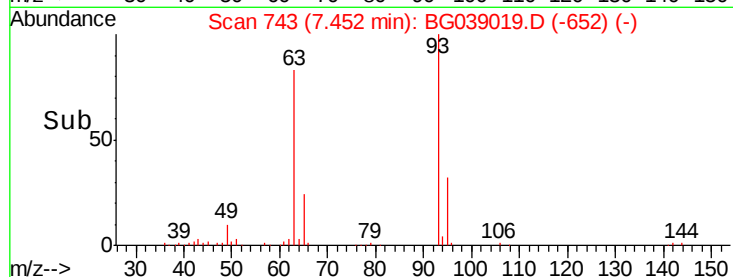
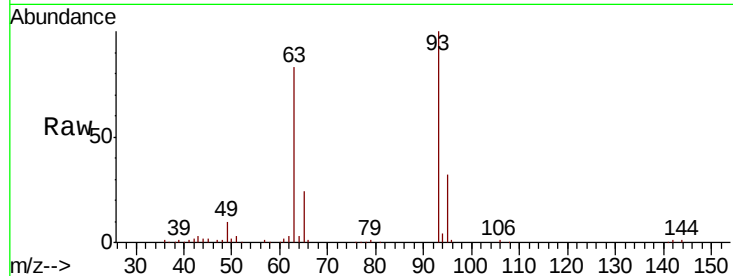


#11
 bis(2-Chloroethyl)ether
 Concen: 64.459 ng
 RT: 7.45 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 114456

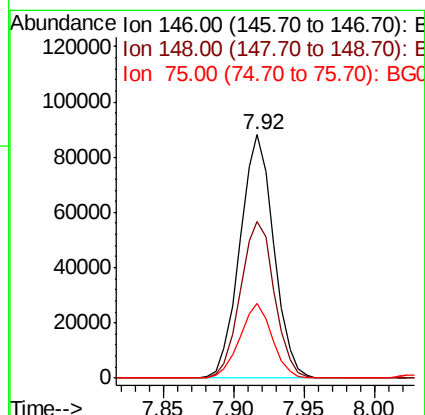
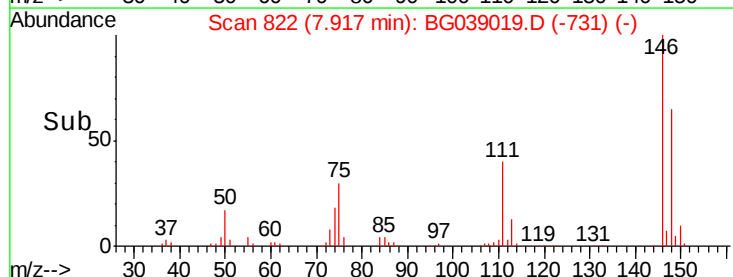
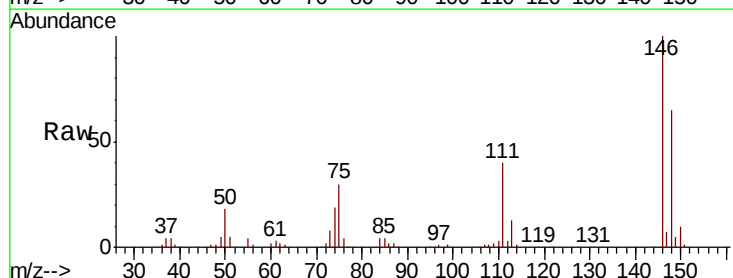
Ion	Ratio	Lower	Upper
93	100		
63	83.4	63.2	103.2
95	31.9	11.2	51.2

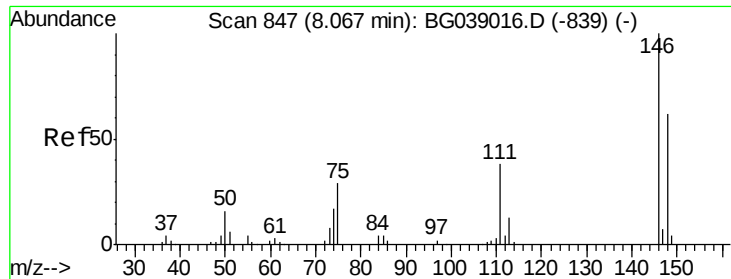


#12
 1,3-Dichlorobenzene
 Concen: 70.698 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion: 146 Resp: 147923

Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.1	73.7
75	30.5	23.9	35.9

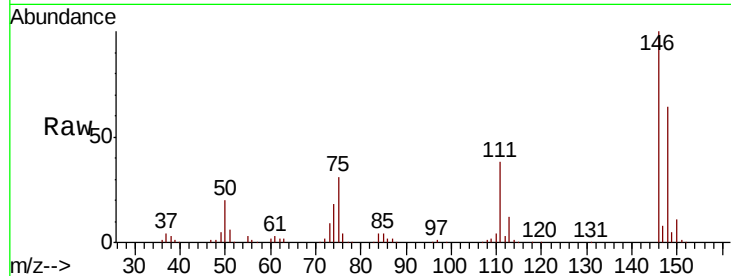




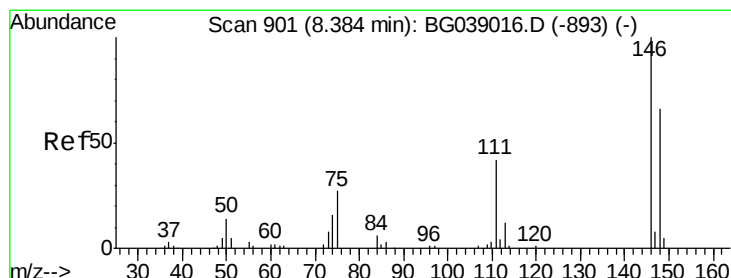
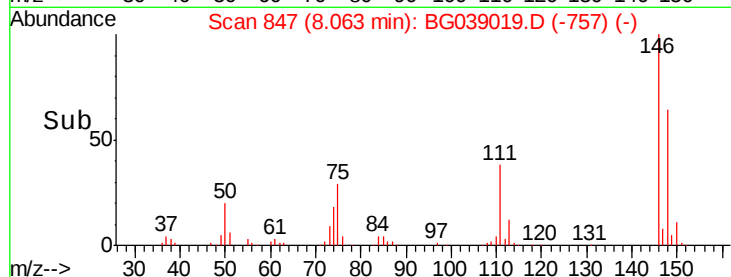
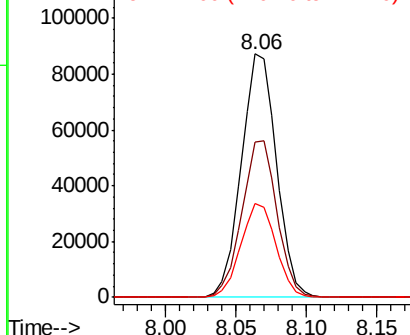
#13
 1,4-Dichlorobenzene
 Concen: 70.882 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 151892
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.8 74.6
 111 38.4 30.6 45.8

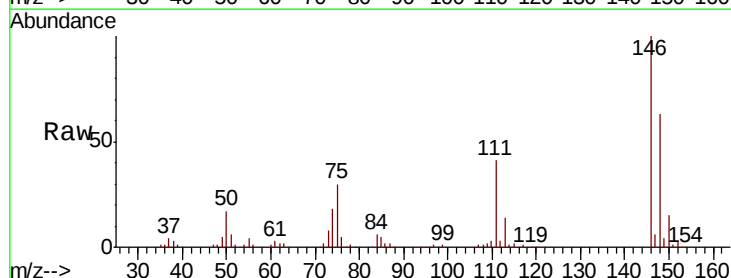


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

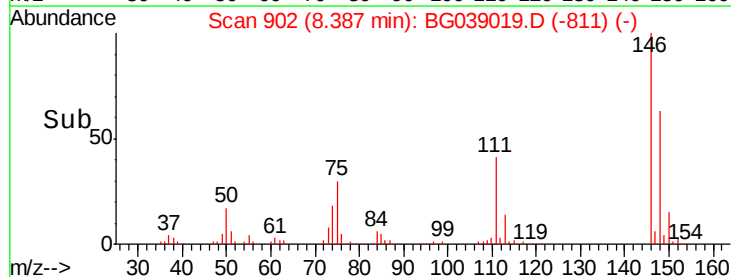
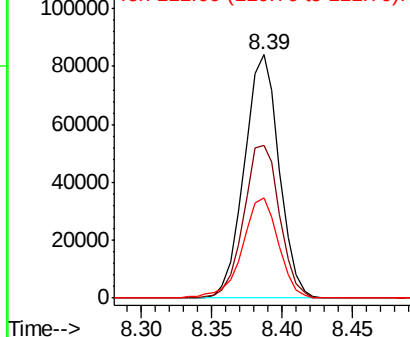


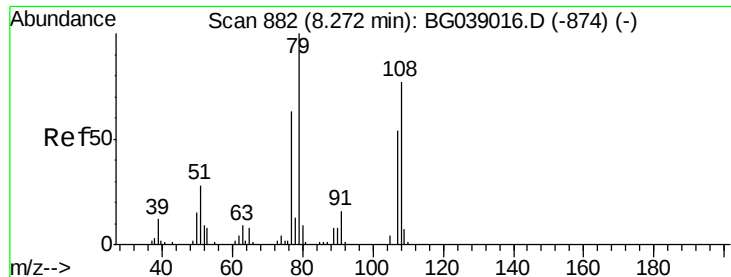
#14
 1,2-Dichlorobenzene
 Concen: 71.934 ng
 RT: 8.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion:146 Resp: 145322
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.6 79.0
 111 41.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 76.124 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

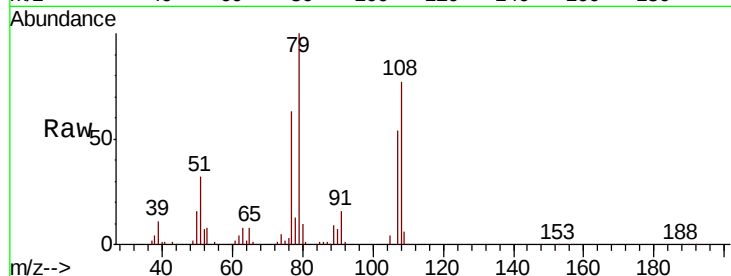
Tot Ion: 79 Resp: 124732

Ion Ratio Lower Upper

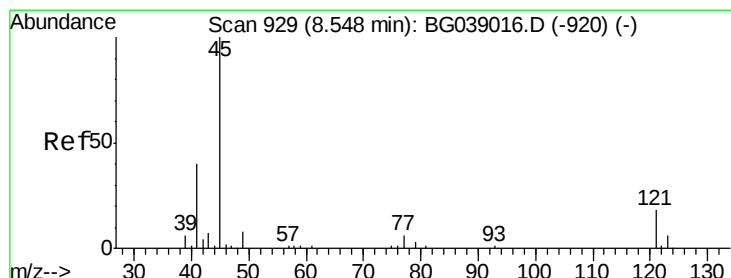
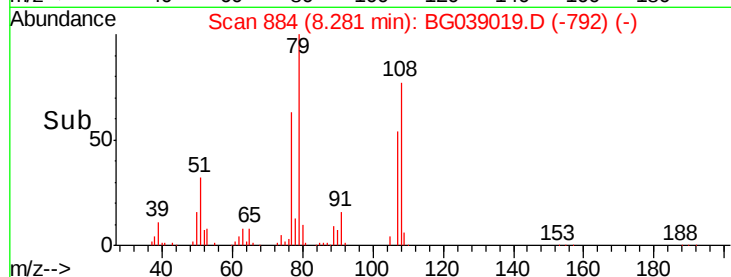
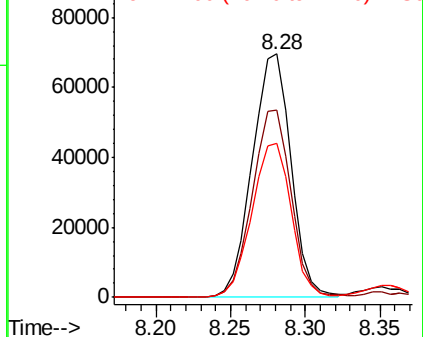
79 100

108 76.9 62.0 93.0

77 63.1 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.830 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

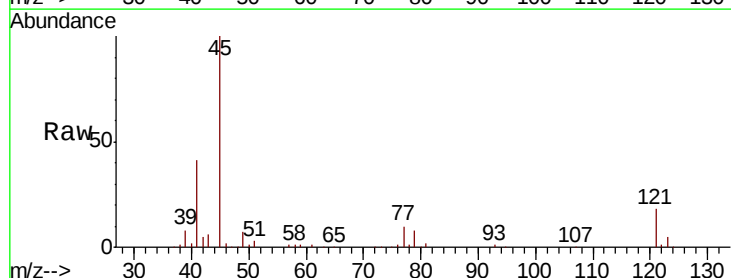
Tgt Ion: 45 Resp: 223020

Ion Ratio Lower Upper

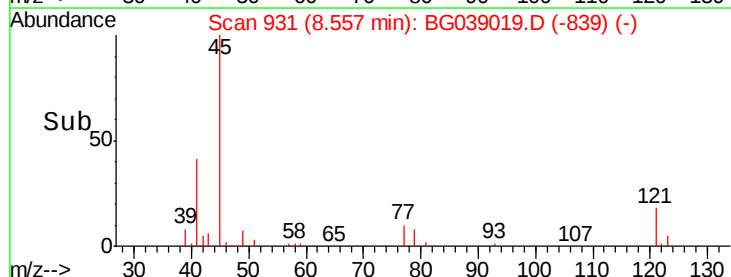
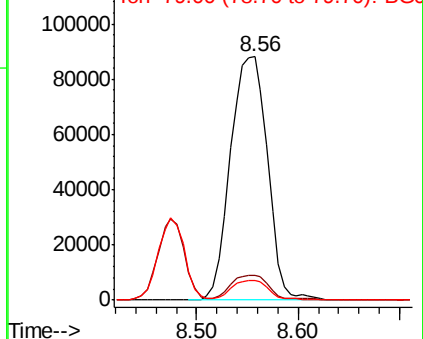
45 100

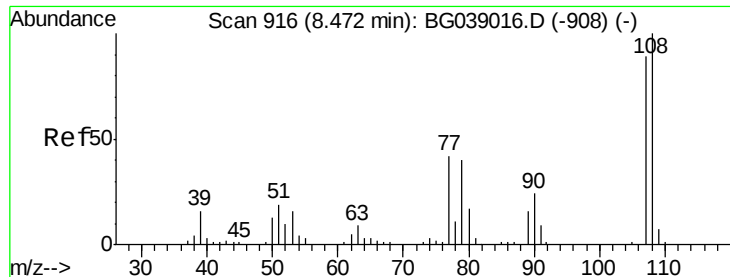
77 10.2 0.0 30.7

79 7.9 0.0 28.5



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

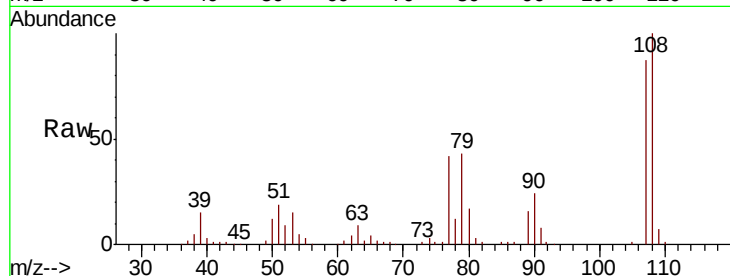




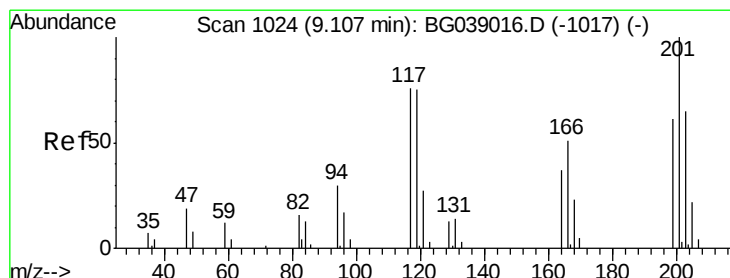
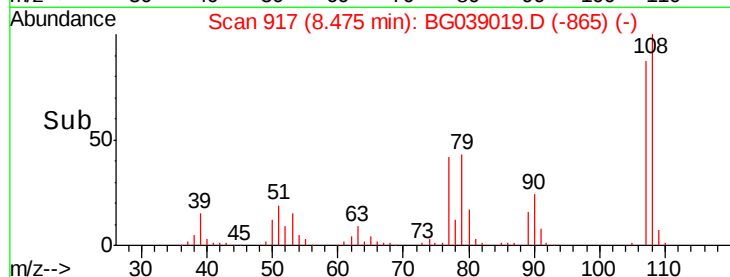
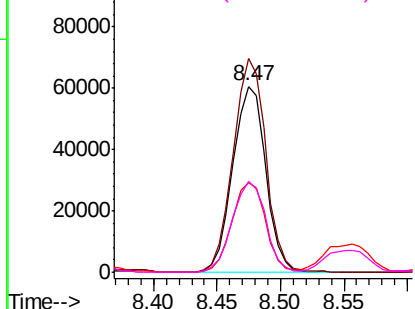
#17
2-Methylphenol
Concen: 73.067 ng
RT: 8.47 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 109179
Ion Ratio Lower Upper
107 100
108 114.7 90.3 135.5
77 48.3 38.3 57.5
79 48.8 35.8 53.6

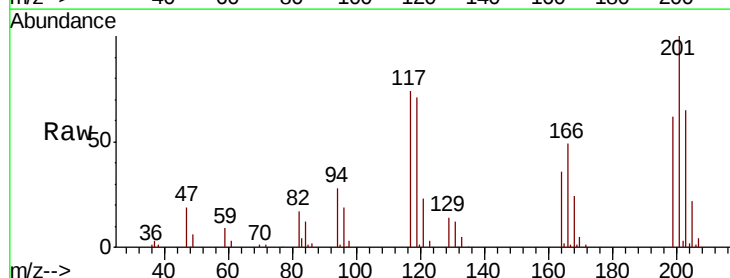


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

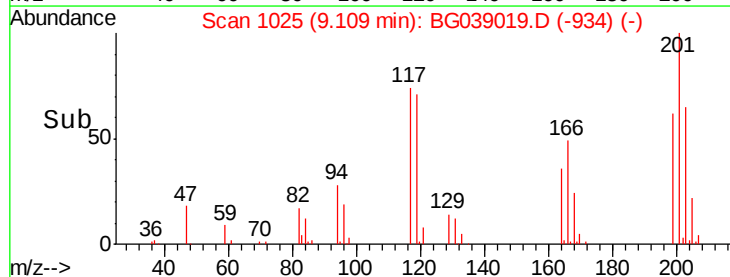
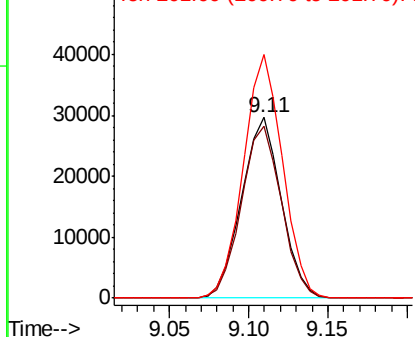


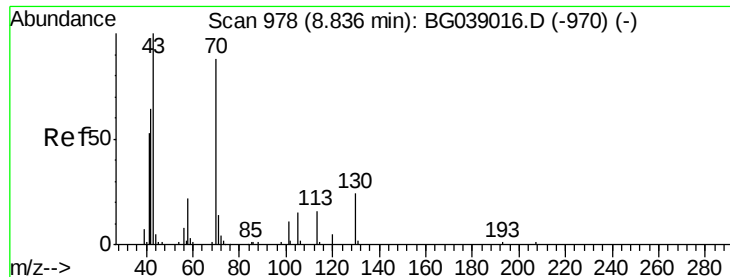
#18
Hexachloroethane
Concen: 65.818 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion:117 Resp: 51538
Ion Ratio Lower Upper
117 100
119 95.7 78.7 118.1
201 135.0 108.1 162.1



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

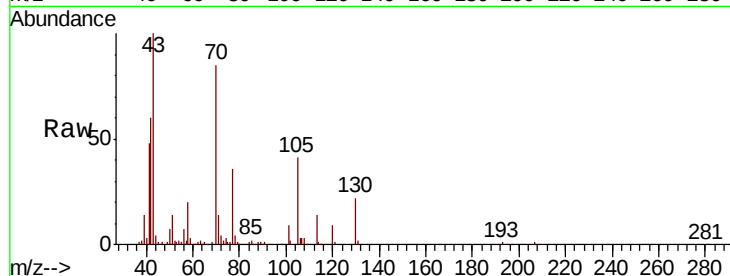




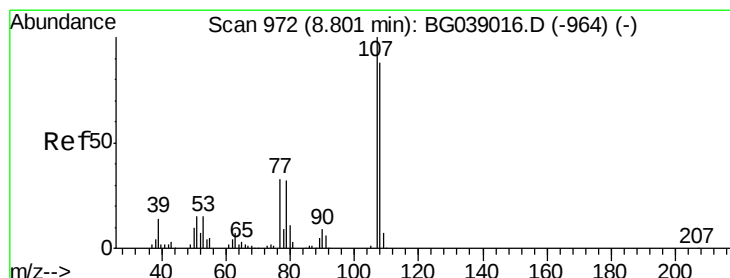
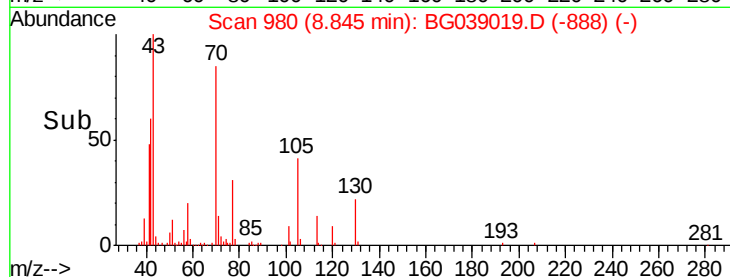
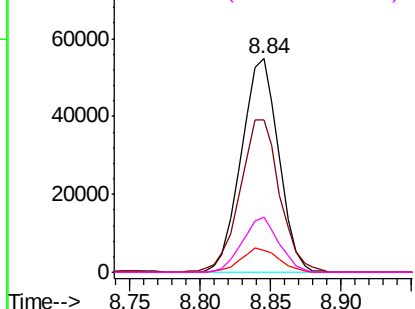
#19
n-Nitroso-di-n-propylamine
Concen: 69.071 ng
RT: 8.84 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 101838
Ion Ratio Lower Upper
70 100
42 71.4 59.0 88.4
101 10.1 10.4 15.6#
130 26.0 21.6 32.4

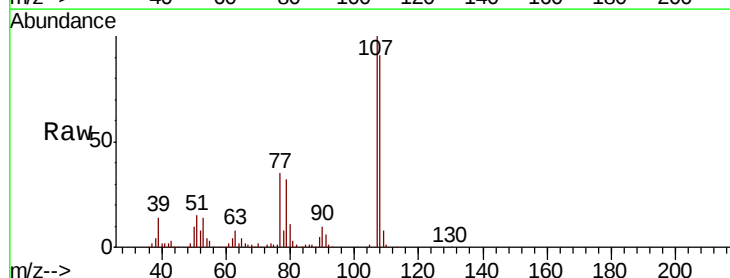


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

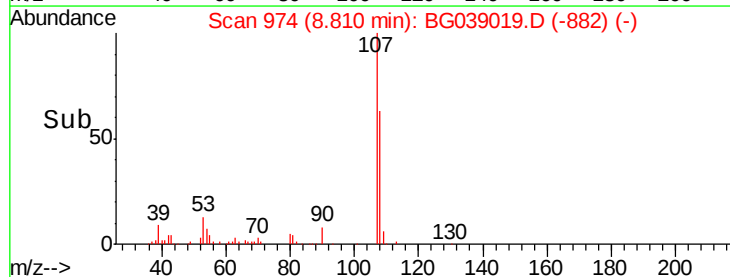
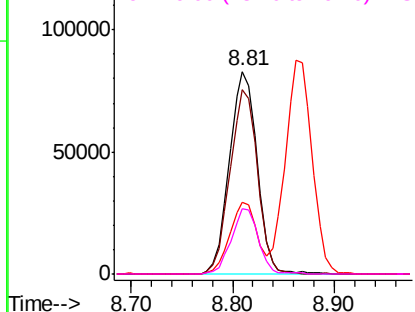


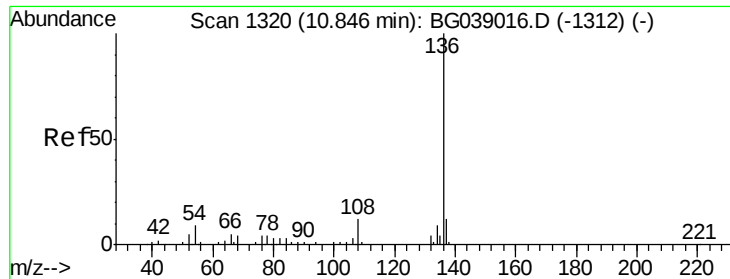
#20
3+4-Methylphenols
Concen: 76.182 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion: 107 Resp: 157209
Ion Ratio Lower Upper
107 100
108 91.0 68.4 108.4
77 35.2 13.3 53.3
79 32.1 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: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 105090

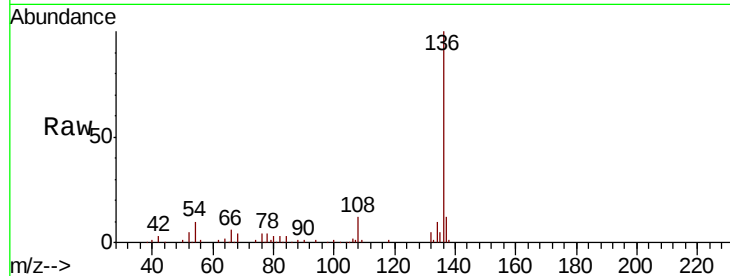
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 10.5 7.2 10.8

68 4.2 3.5 5.3

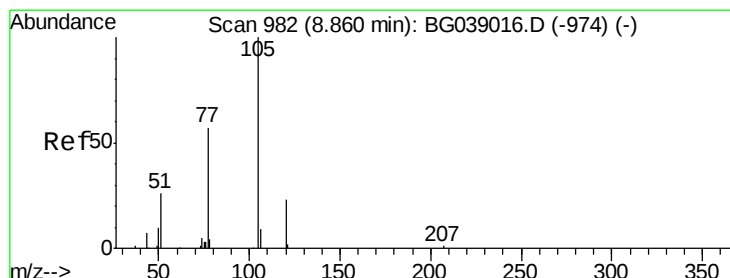
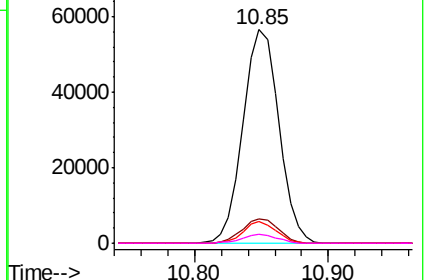
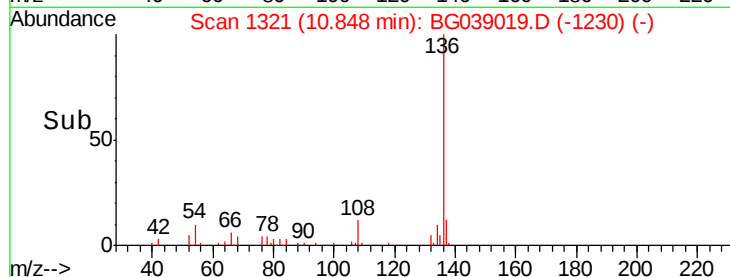


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 83.975 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Tgt Ion:105 Resp: 220428

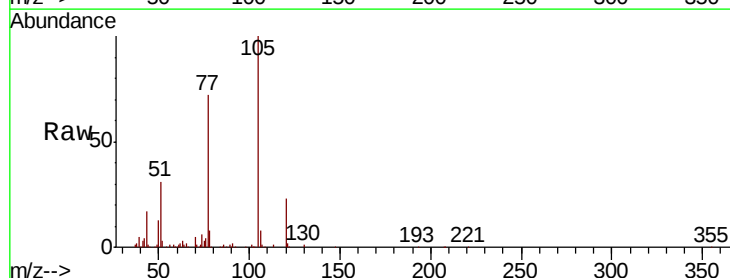
Ion Ratio Lower Upper

105 100

71 0.9 0.6 1.0

51 31.4 26.6 39.8

120 23.3 17.9 26.9

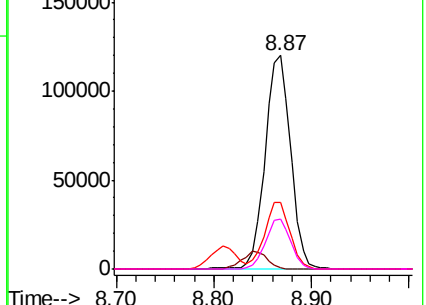
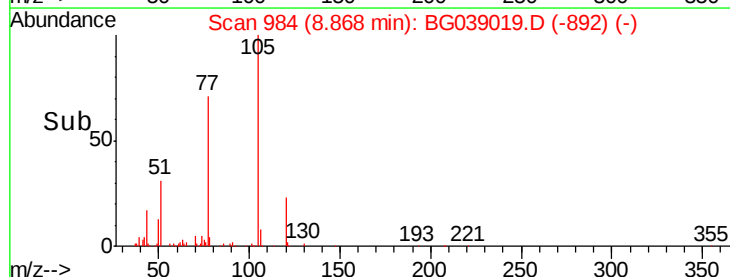


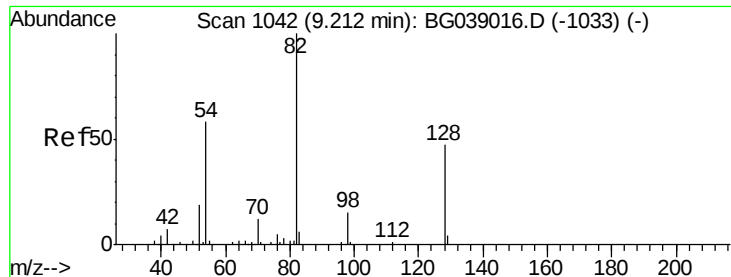
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

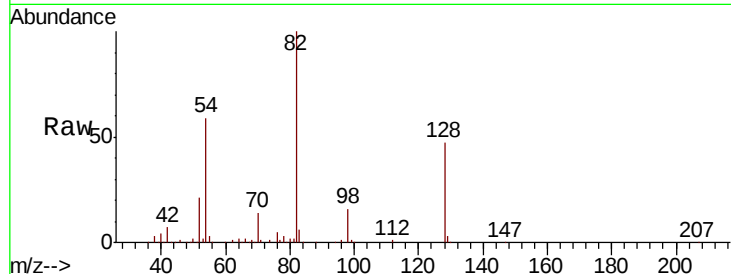




#23
Nitrobenzene-d5
Concen: 149.934 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82.00	Resp	308425
Ion Ratio	Lower	Upper	
82	100		
128	47.4	37.3	55.9
54	58.9	46.4	69.6

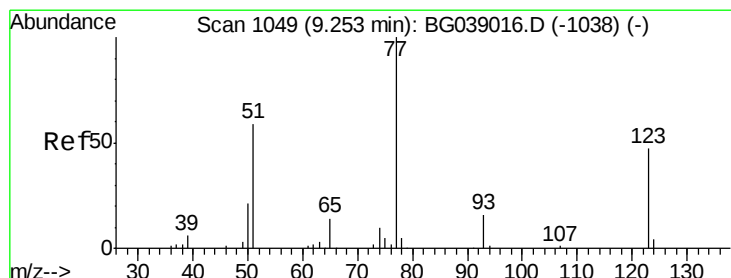
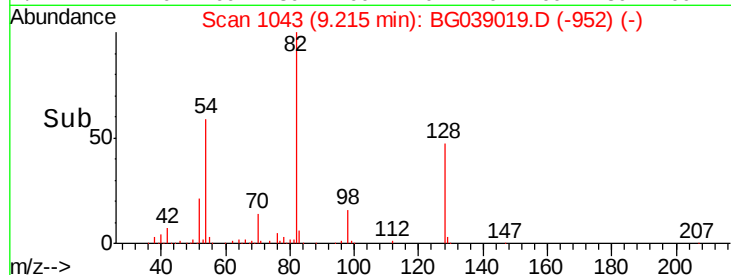
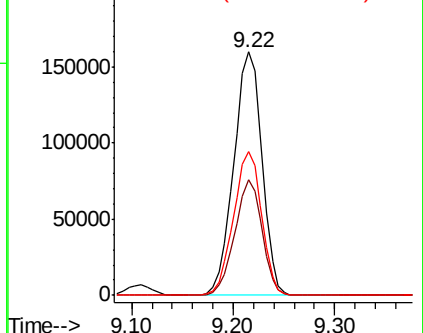


Abundance

Ion 82.00 (81.70 to 82.70): BGC

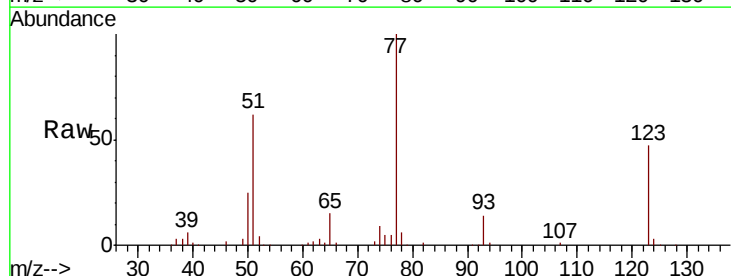
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 73.810 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion	77.00	Resp	153599
Ion Ratio	Lower	Upper	
77	100		
123	47.4	37.6	56.4
65	15.2	11.0	16.6

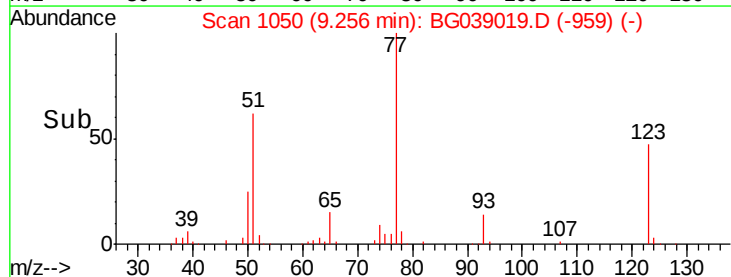
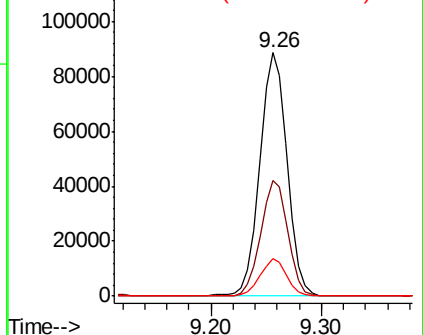


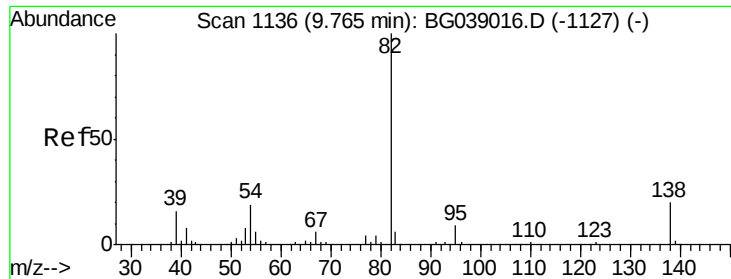
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 70.744 ng

RT: 9.77 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

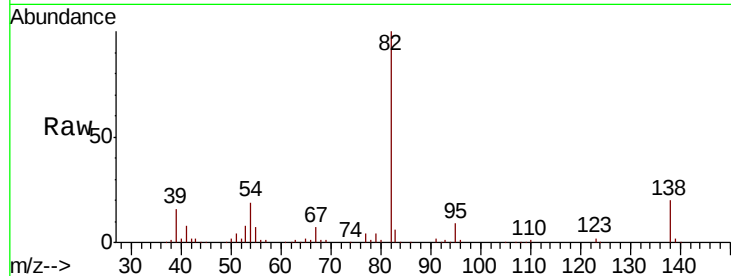
Tot Ion: 82 Resp: 261466

Ion Ratio Lower Upper

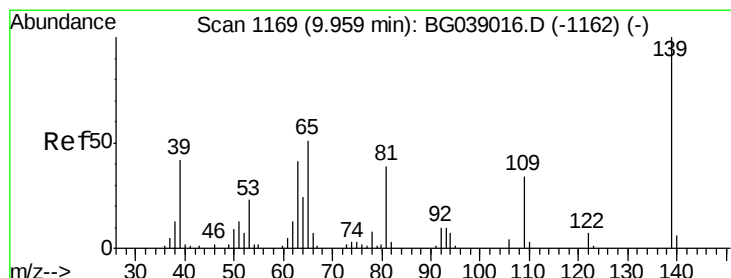
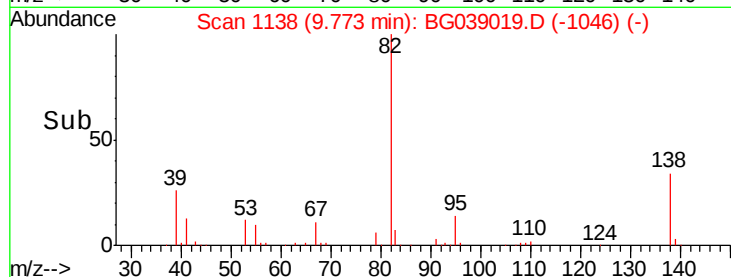
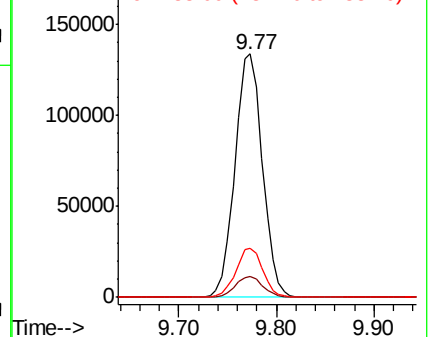
82 100

95 8.7 7.0 10.6

138 20.3 16.2 24.4



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



#26

2-Nitrophenol

Concen: 81.882 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

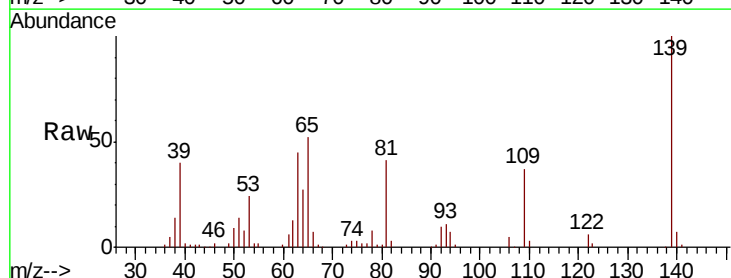
Tgt Ion: 139 Resp: 87212

Ion Ratio Lower Upper

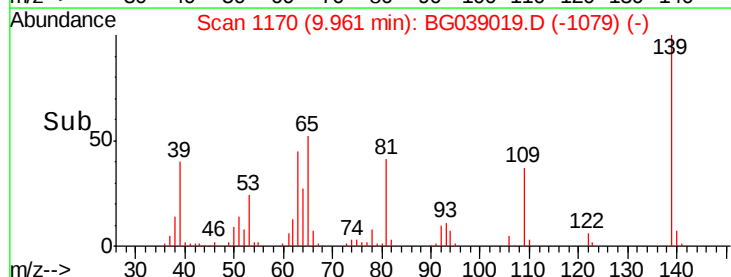
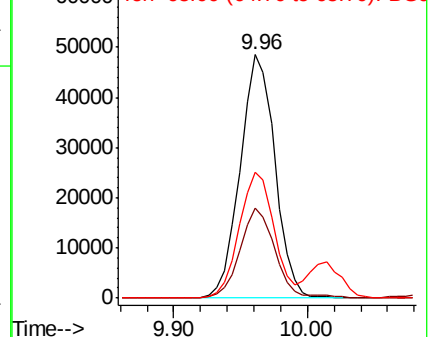
139 100

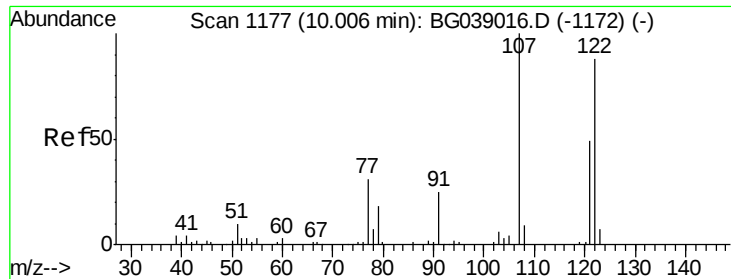
109 37.0 27.3 40.9

65 51.8 40.6 61.0



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

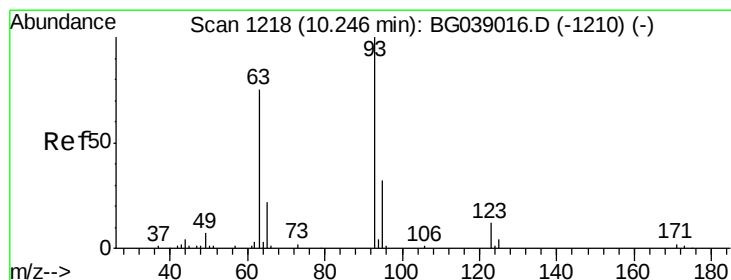
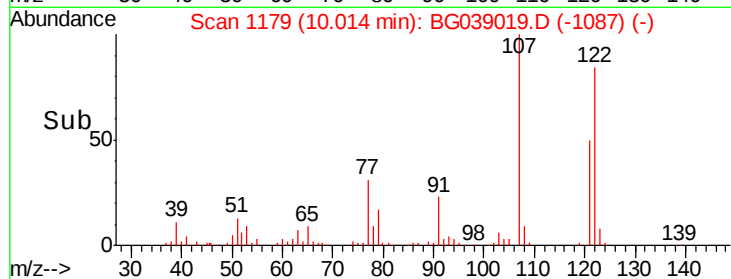
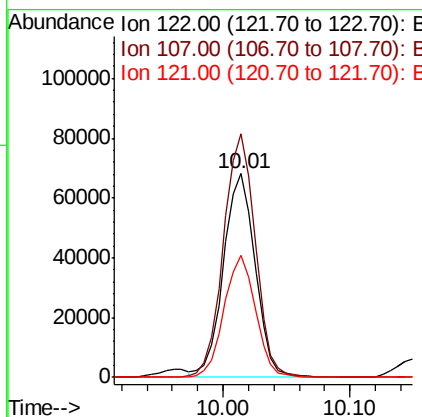
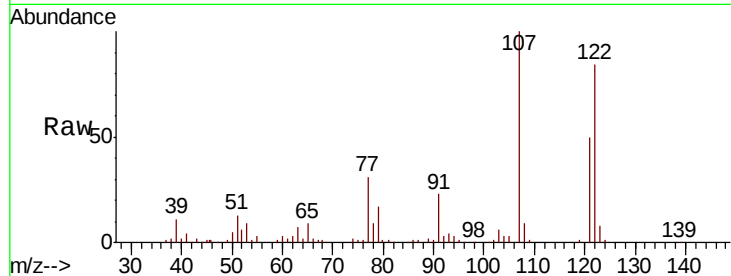




#27
2,4-Dimethylphenol
Concen: 77.277 ng
RT: 10.01 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

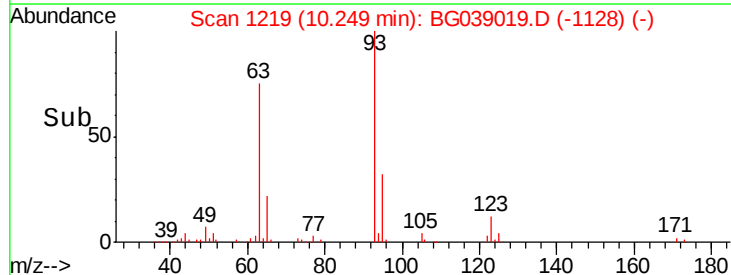
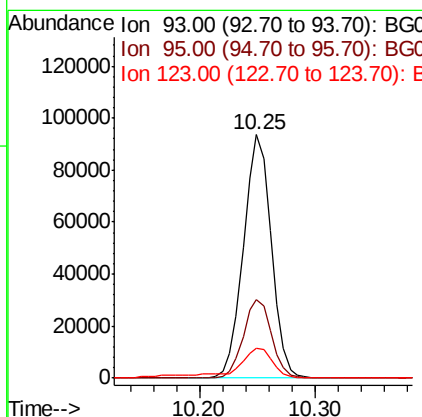
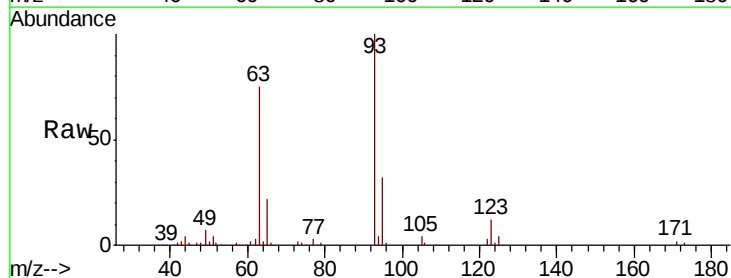
Instrument :
BNA_G
ClientSampled :

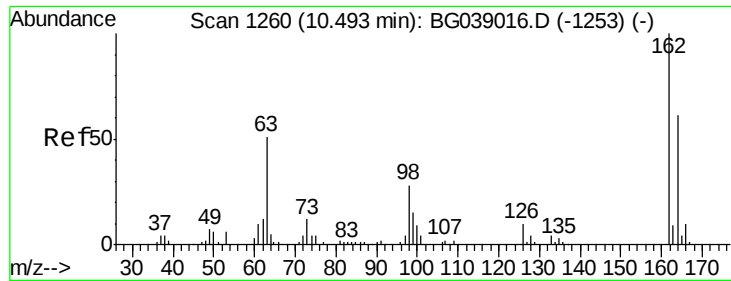
Tot Ion:122 Resp: 117960
Ion Ratio Lower Upper
122 100
107 119.6 88.8 133.2
121 59.6 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 75.255 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion: 93 Resp: 156963
Ion Ratio Lower Upper
93 100
95 32.1 25.6 38.4
123 12.5 10.1 15.1

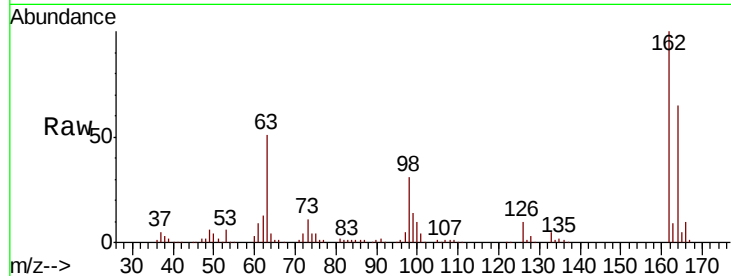




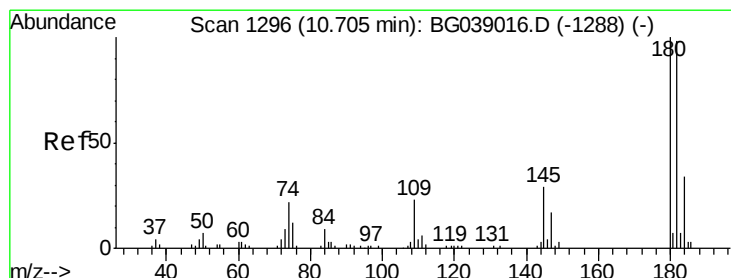
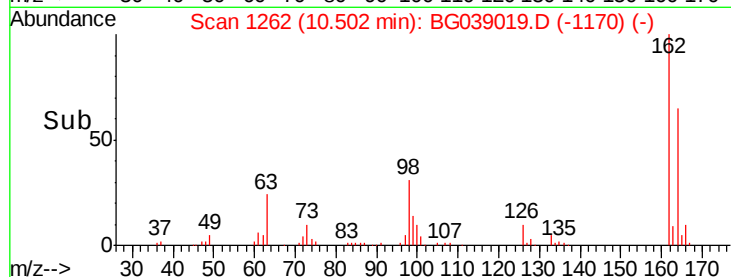
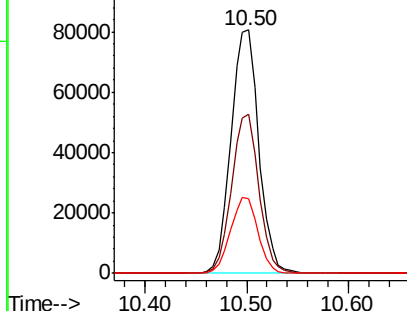
#29
 2,4-Dichlorophenol
 Concen: 90.247 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 153254
 Ion Ratio Lower Upper
 162 100
 164 65.2 41.3 81.3
 98 30.6 8.3 48.3

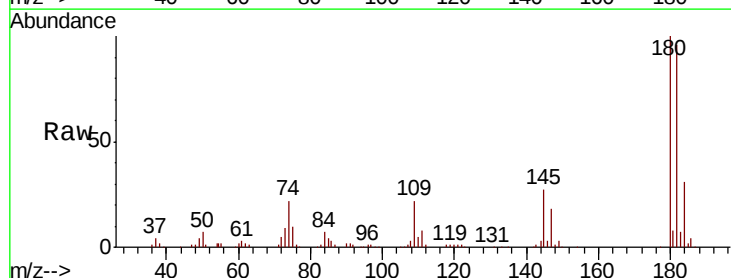


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

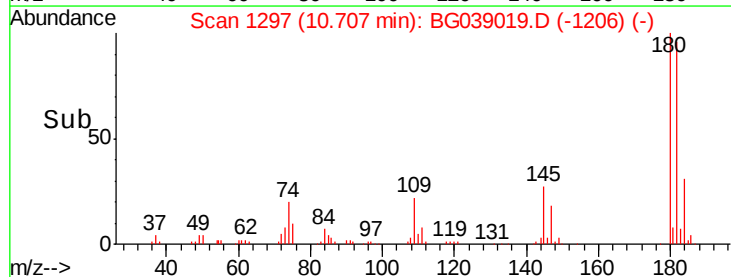
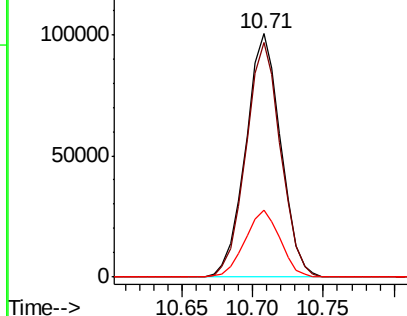


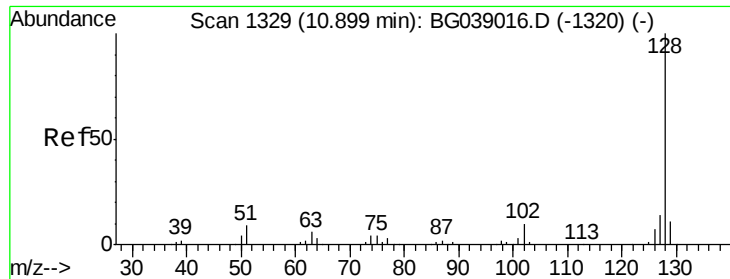
#30
 1,2,4-Trichlorobenzene
 Concen: 85.022 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion:180 Resp: 174398
 Ion Ratio Lower Upper
 180 100
 182 96.1 78.1 117.1
 145 27.3 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

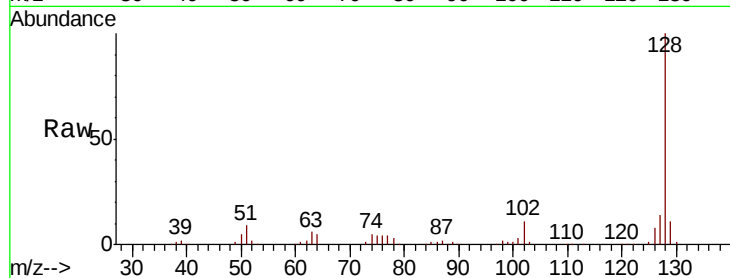




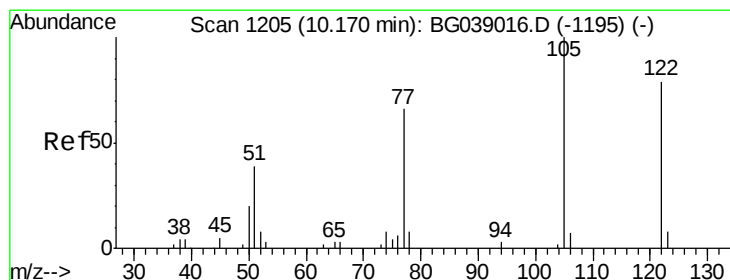
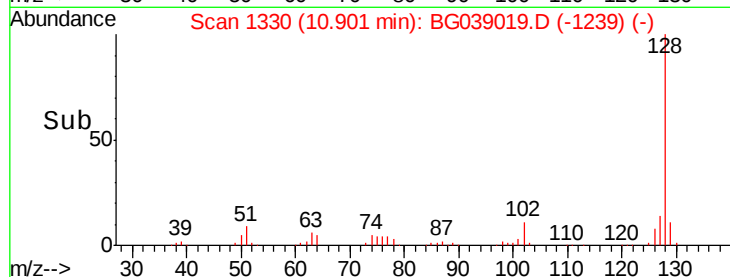
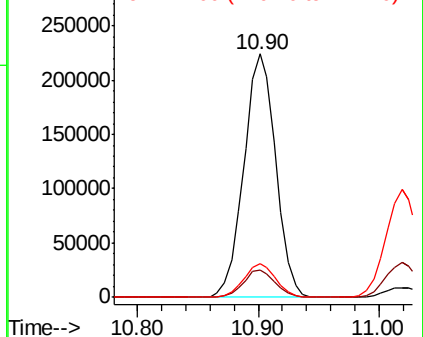
#31
Naphthalene
Concen: 79.359 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampleID :

Tot Ion:128 Resp: 410913
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 14.1 11.2 16.8

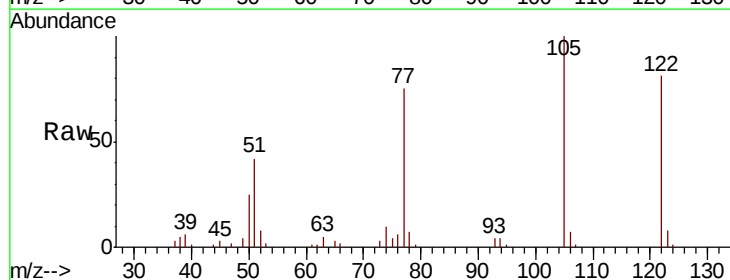


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

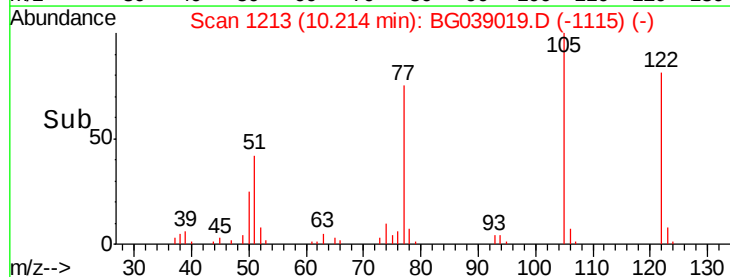
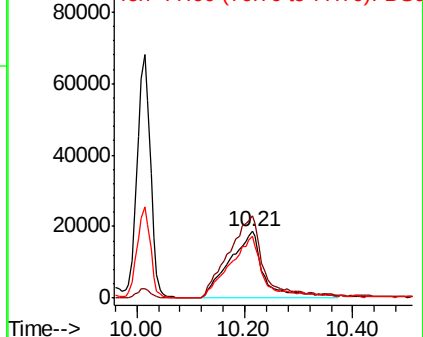


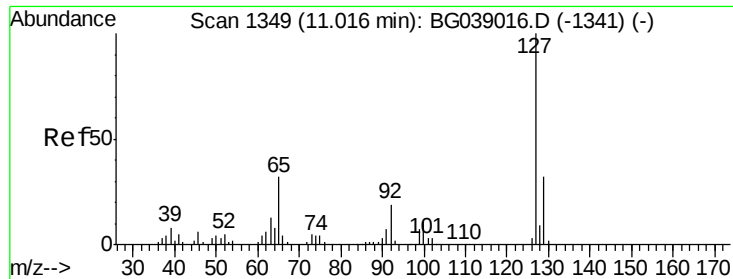
#32
Benzoic acid
Concen: 102.401 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.04 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion:122 Resp: 82993
Ion Ratio Lower Upper
122 100
105 123.1 106.4 146.4
77 92.6 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): BG

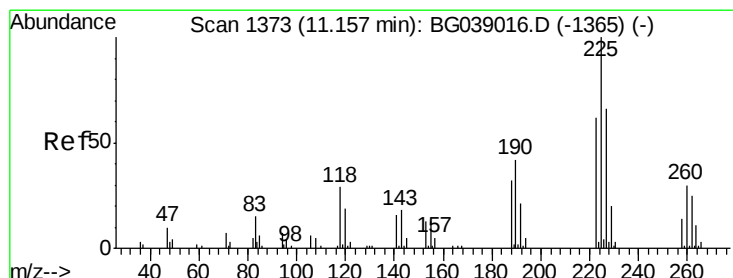
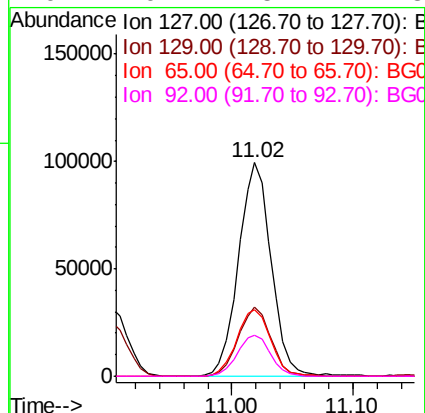
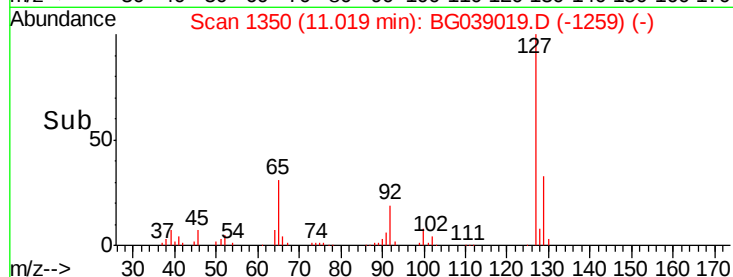
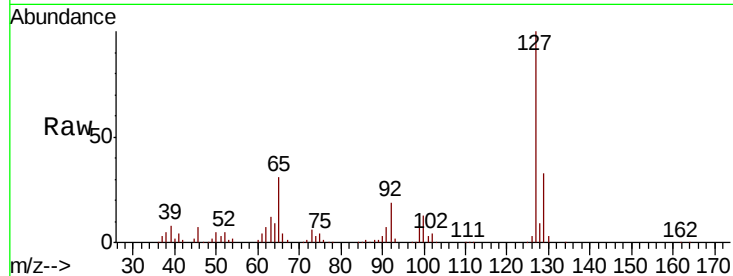




#33
4-Chloroaniline
Concen: 83.325 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

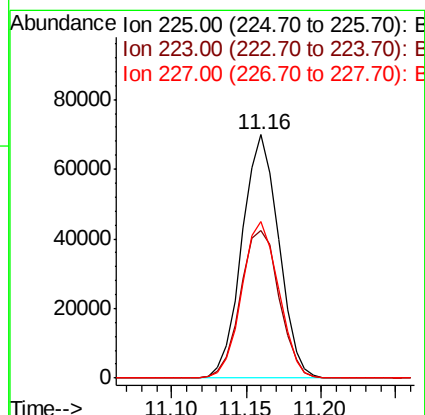
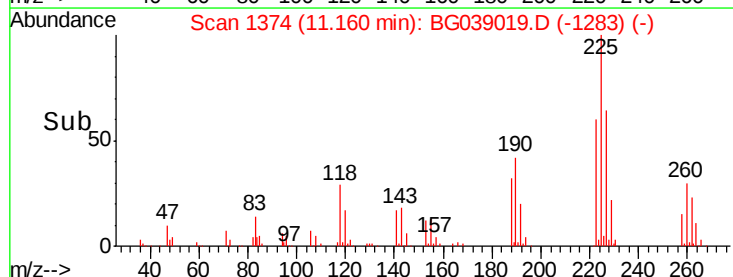
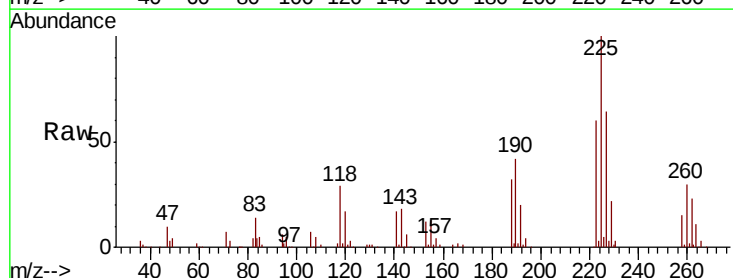
Instrument :
BNA_G
ClientSampleId :

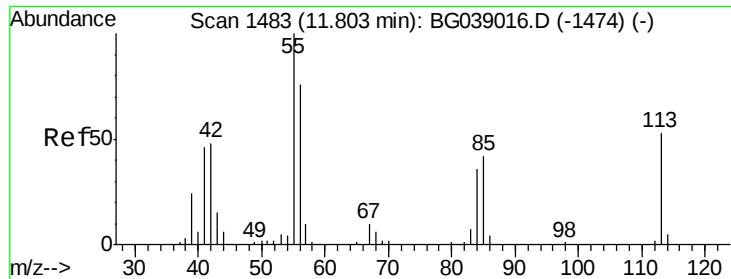
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.0
65	31.0	25.4	38.0
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 85.863 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.6	50.2	75.4
227	64.6	53.2	79.8

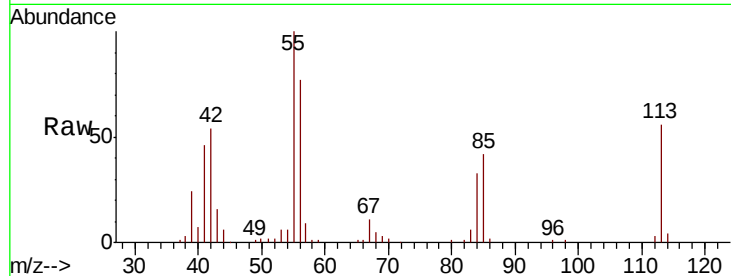




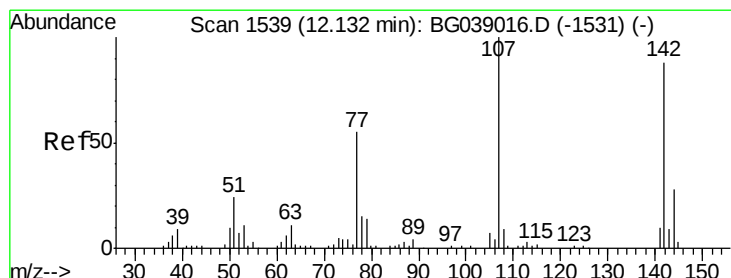
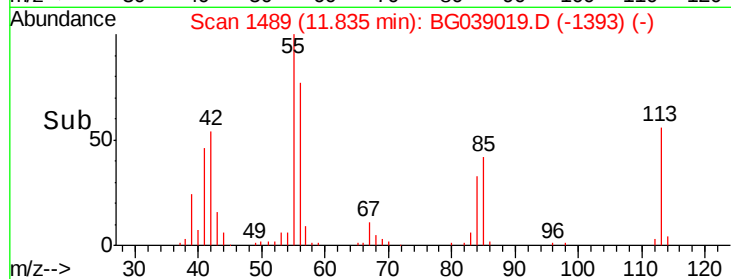
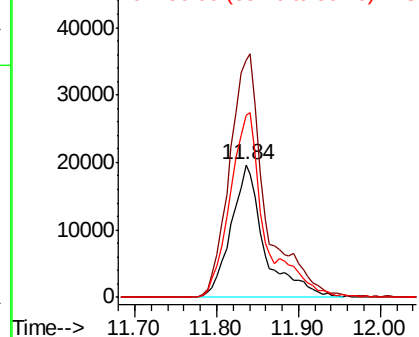
#35
 Caprolactam
 Concen: 79.783 ng
 RT: 11.84 min Scan# 1489
 Delta R.T. 0.03 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 56069
 Ion Ratio Lower Upper
 113 100
 55 179.2 168.6 208.6
 56 137.7 123.2 163.2

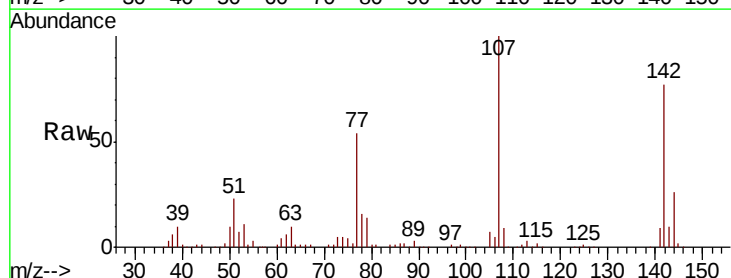


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

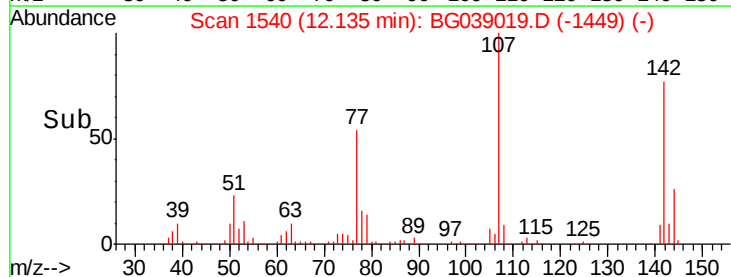
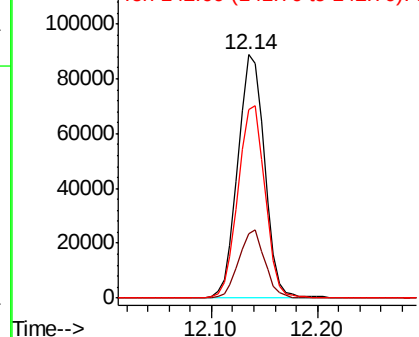


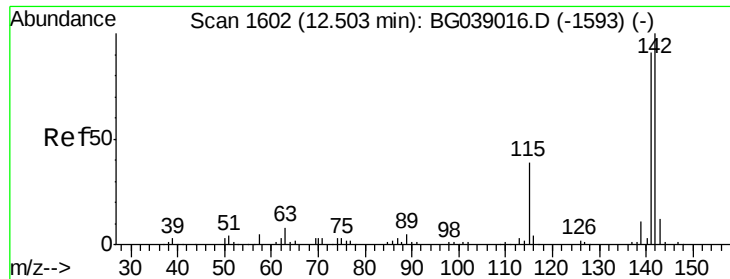
#36
 4-Chloro-3-methylphenol
 Concen: 80.478 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion:107 Resp: 155956
 Ion Ratio Lower Upper
 107 100
 144 26.2 22.6 34.0
 142 77.3 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

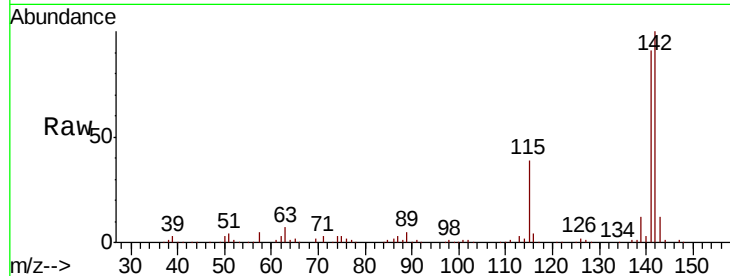




#37
 2-Methylnaphthalene
 Concen: 82.887 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	109.0
115	39.5	31.1	46.7

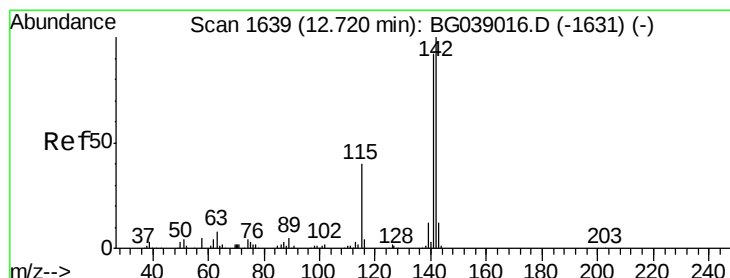
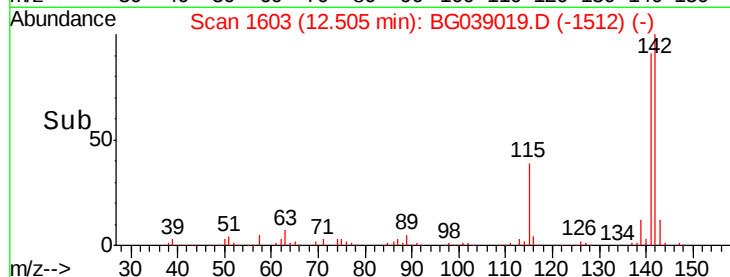
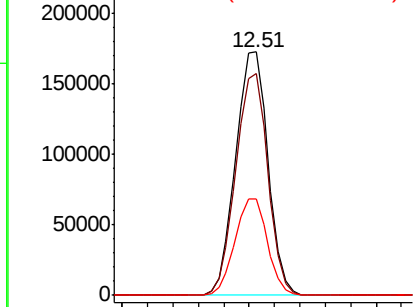


Abundance

Ion 142.00 (141.70 to 142.70): E

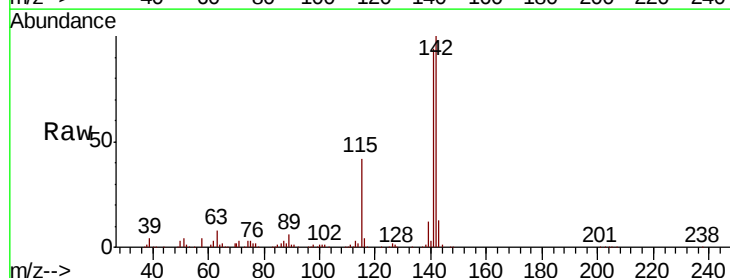
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 82.831 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.3	109.9
116	4.3	3.1	4.7

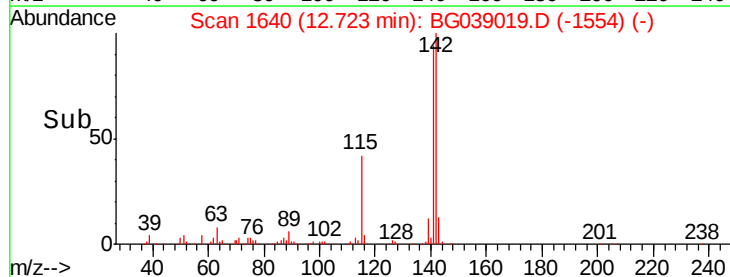
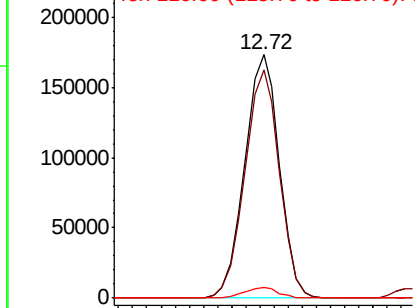


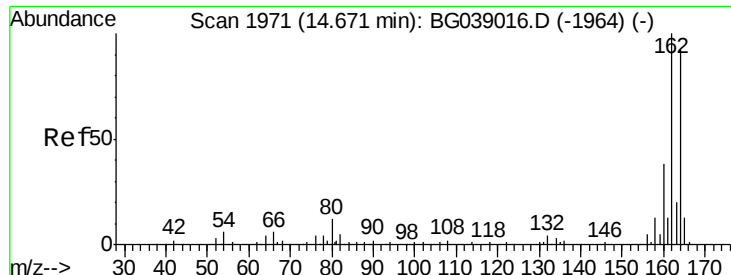
Abundance

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: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

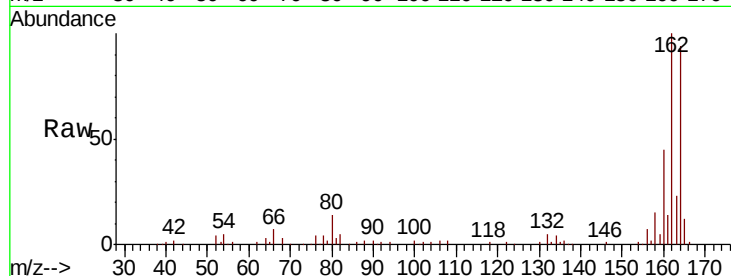
Tot Ion:164 Resp: 72827

Ion Ratio Lower Upper

164 100

162 106.4 87.2 130.8

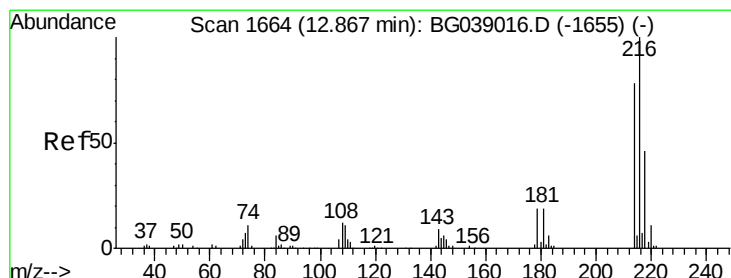
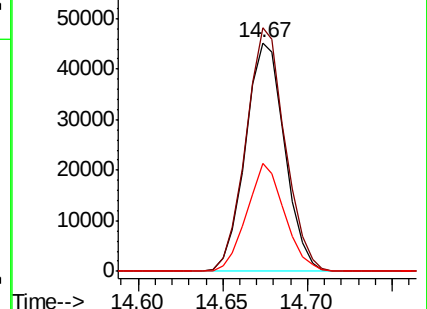
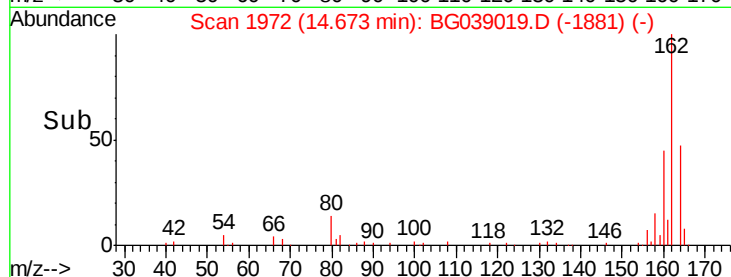
160 47.4 33.3 49.9



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: 81.594 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Tgt Ion:216 Resp: 222119

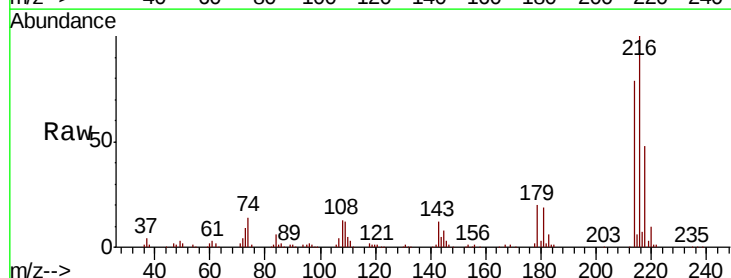
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 19.7 15.5 23.3

108 14.6 11.4 17.2

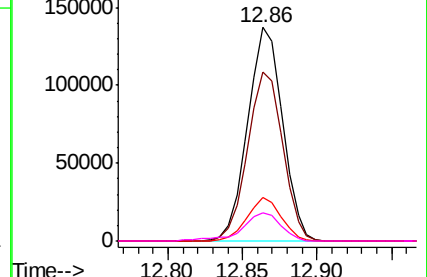
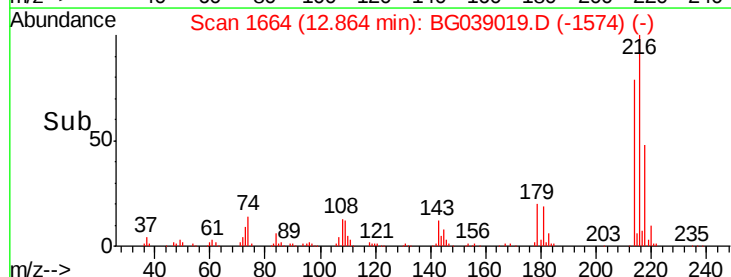


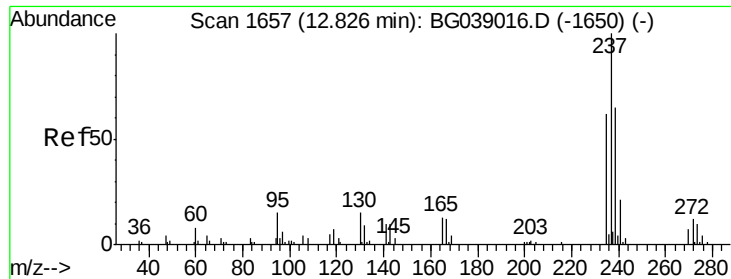
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.345 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

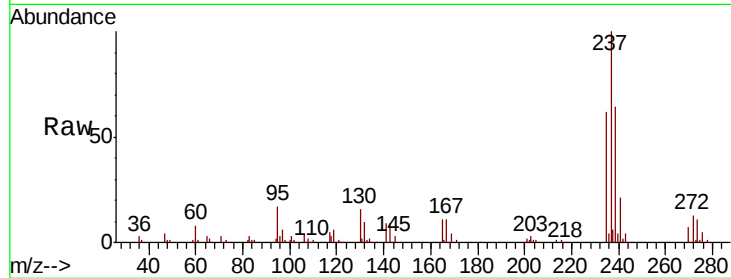
Tot Ion:237 Resp: 124650

Ion Ratio Lower Upper

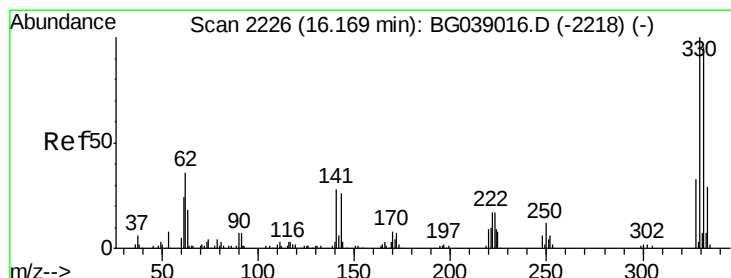
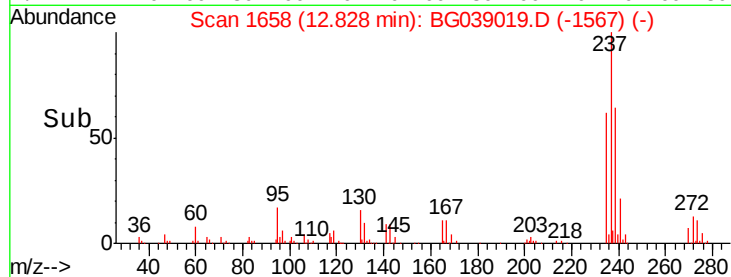
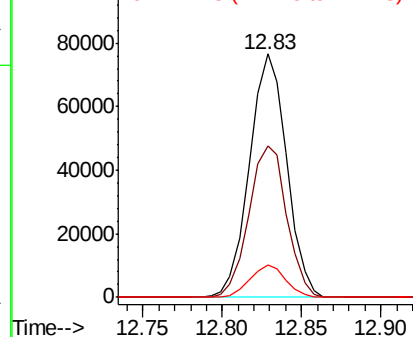
237 100

235 62.0 41.7 81.7

272 13.4 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: 194.371 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

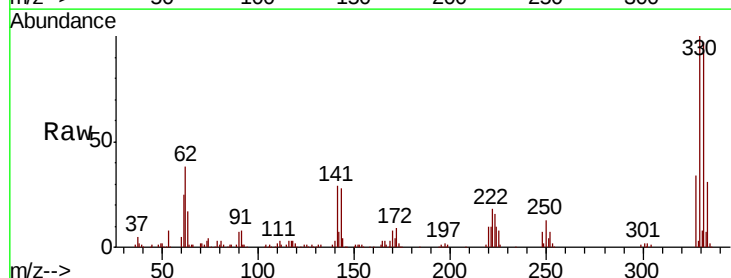
Tgt Ion:330 Resp: 195088

Ion Ratio Lower Upper

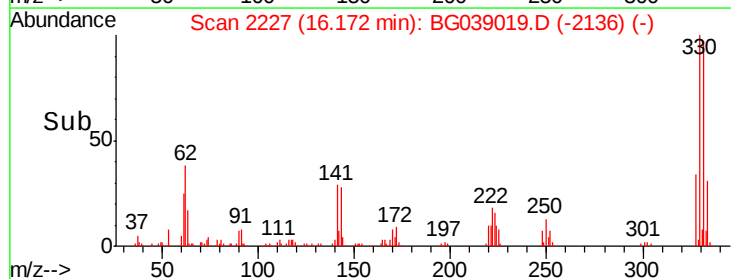
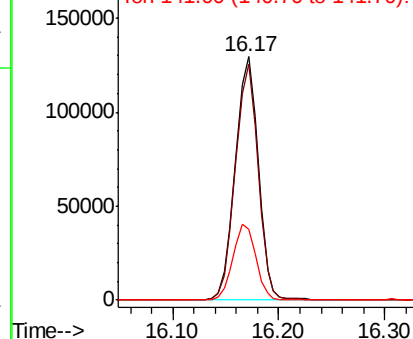
330 100

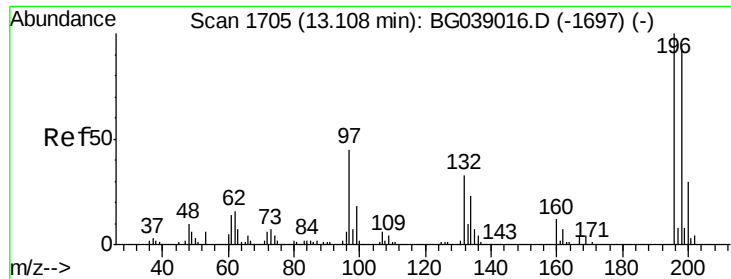
332 95.7 75.7 113.5

141 31.2 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

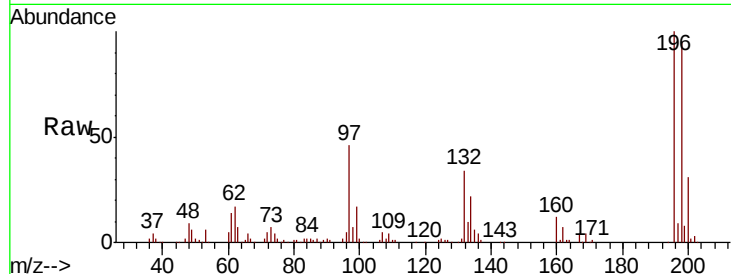




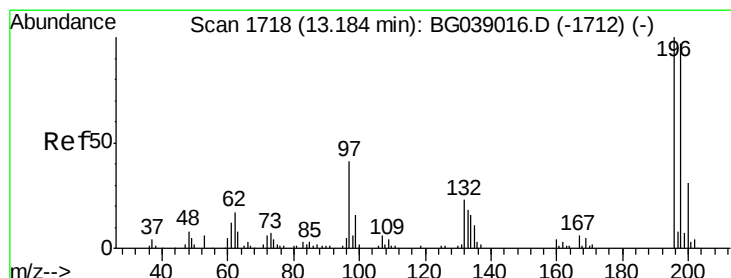
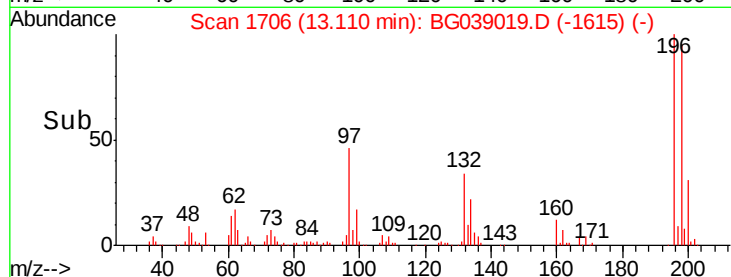
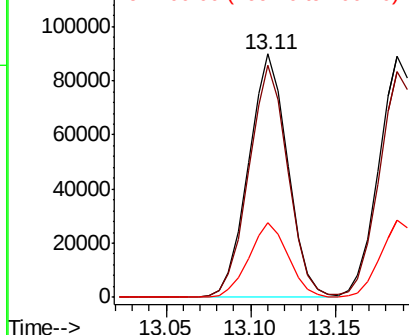
#43
 2,4,6-Trichlorophenol
 Concen: 86.761 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 145222
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.5 111.7
 200 30.5 23.8 35.6

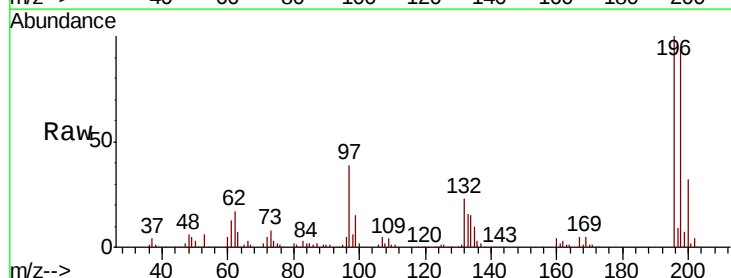


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

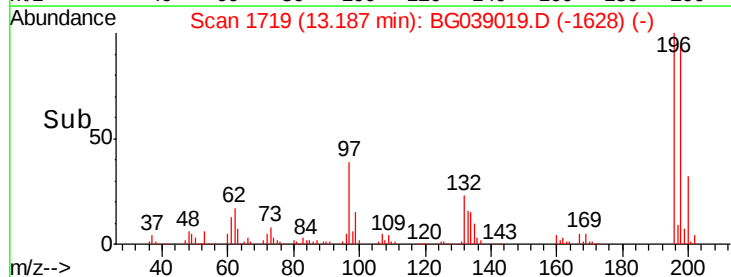
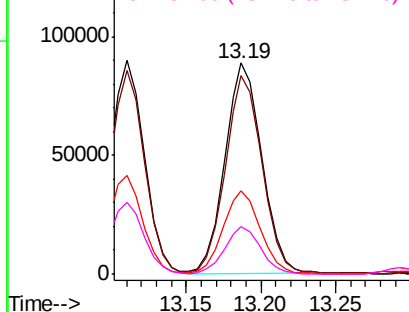


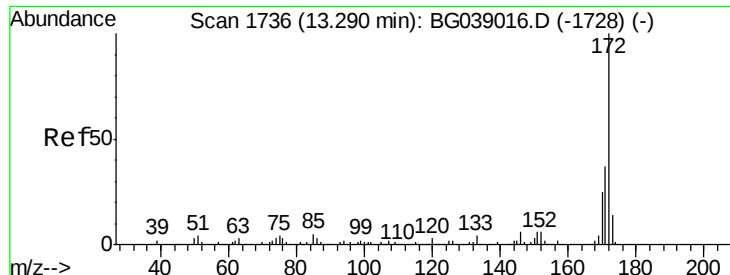
#44
 2,4,5-Trichlorophenol
 Concen: 86.351 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion:196 Resp: 153029
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.1 117.1
 97 39.4 33.2 49.8
 132 22.7 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

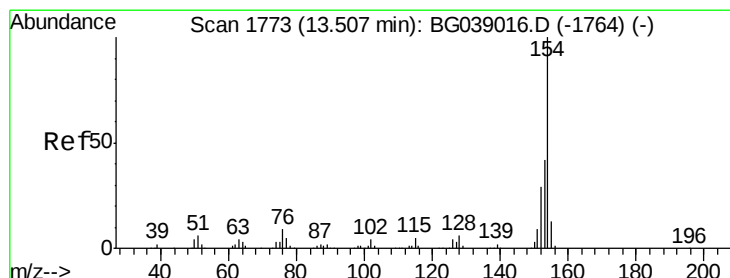
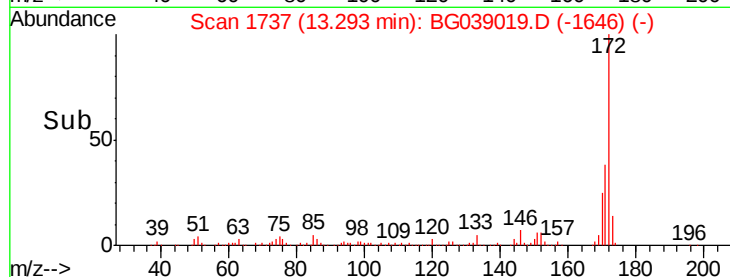
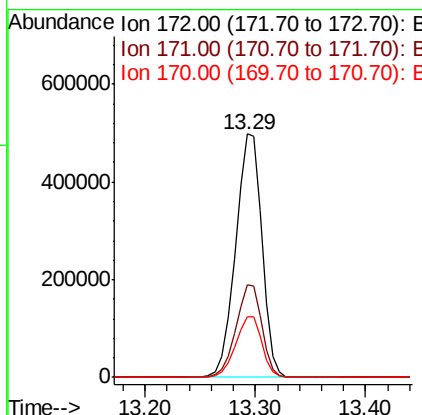
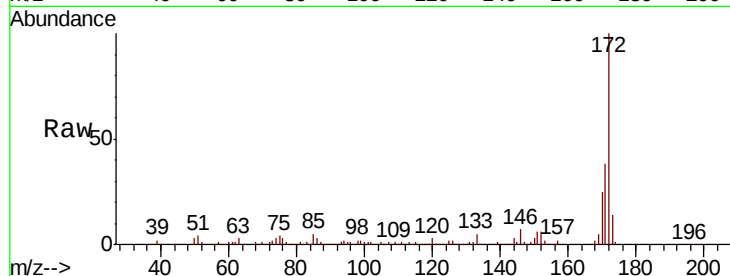




#45
2-Fluorobiphenyl
Concen: 156.544 ng
RT: 13.29 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

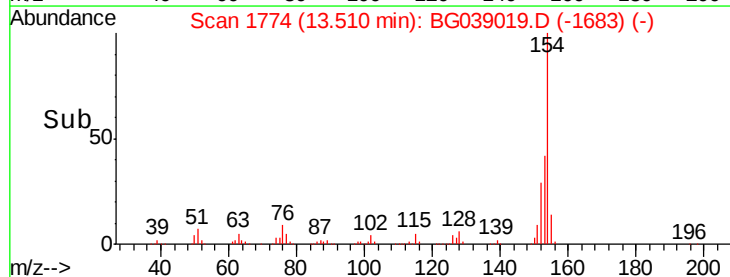
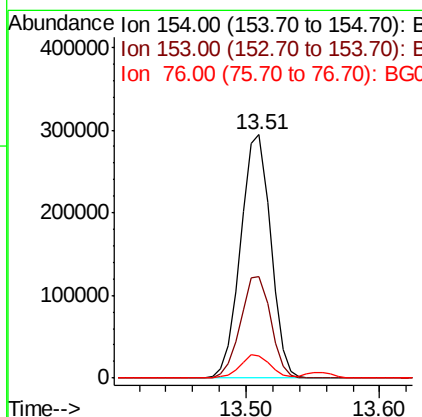
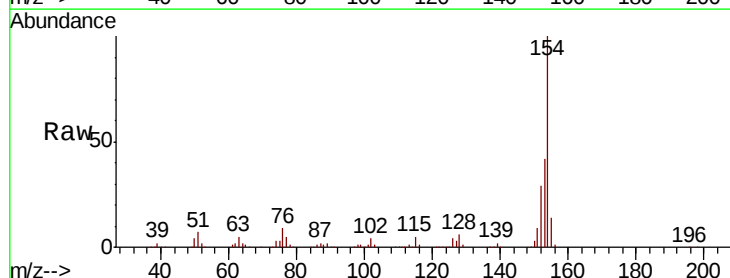
Instrument :
BNA_G
ClientSampleId :

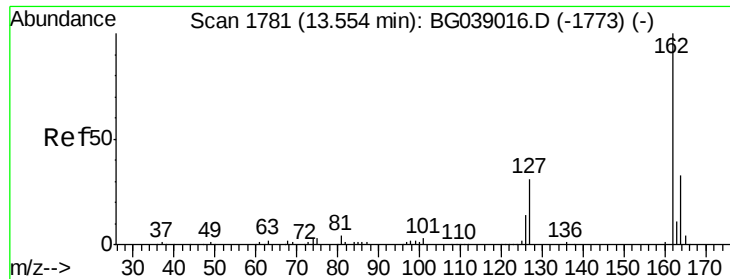
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.0
170	24.7	20.1	30.1



#46
1,1'-Biphenyl
Concen: 75.072 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.4	62.4
76	9.0	0.0	29.4

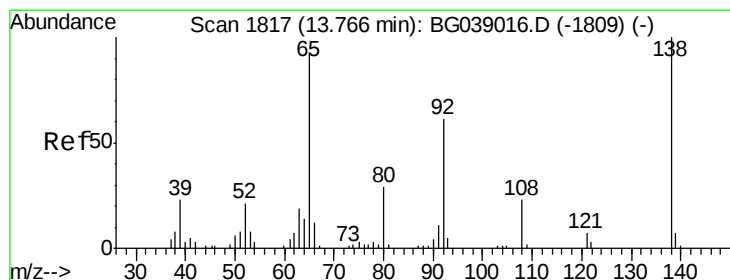
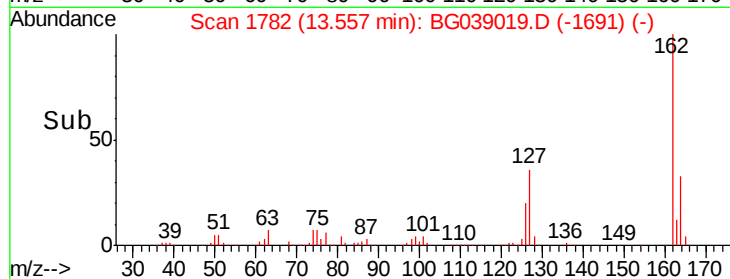
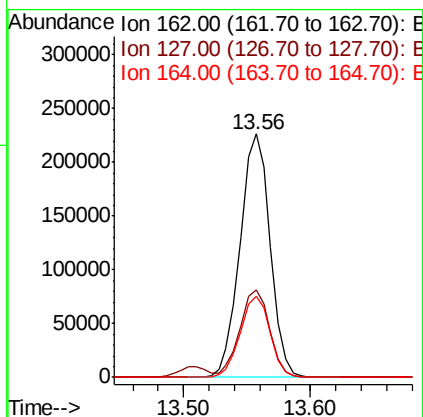
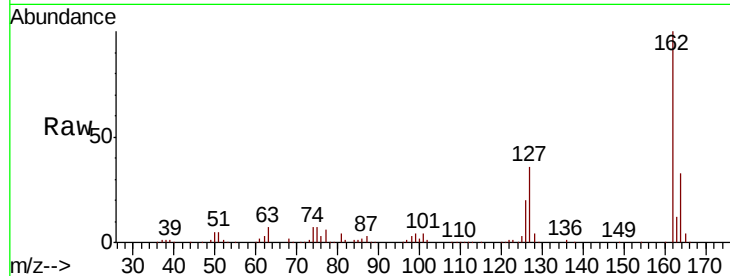




#47
 2-Chloronaphthalene
 Concen: 78.876 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

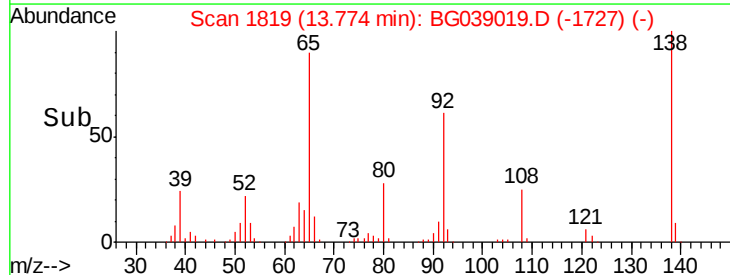
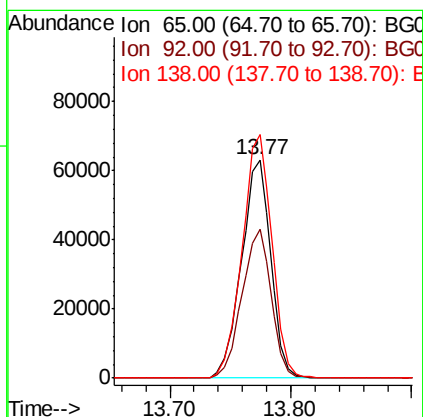
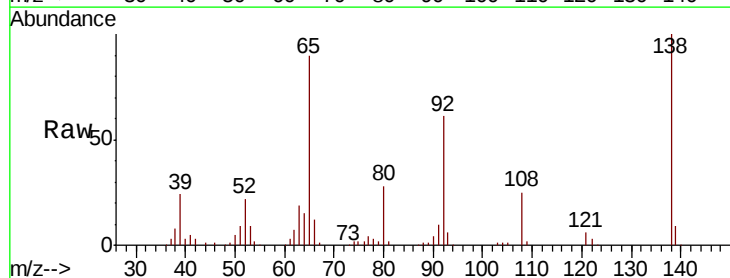
Instrument :
 BNA_G
 ClientSampleId :

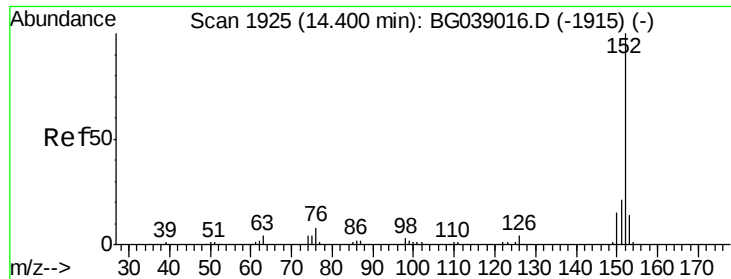
Tot Ion:162 Resp: 371976
 Ion Ratio Lower Upper
 162 100
 127 35.8 28.4 42.6
 164 33.3 26.3 39.5



#48
 2-Nitroaniline
 Concen: 71.060 ng
 RT: 13.77 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion: 65 Resp: 106744
 Ion Ratio Lower Upper
 65 100
 92 68.3 52.2 78.4
 138 111.4 86.0 129.0





#49

Acenaphthylene

Concen: 77.281 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

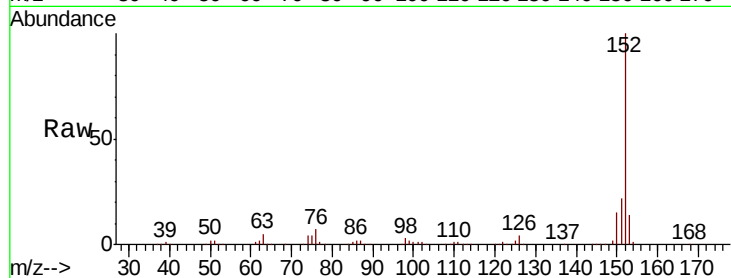
Tot Ion:152 Resp: 544849

Ion Ratio Lower Upper

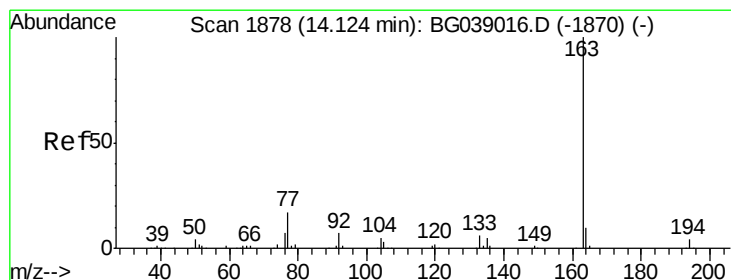
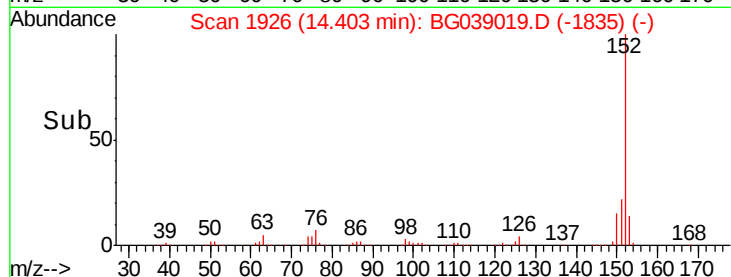
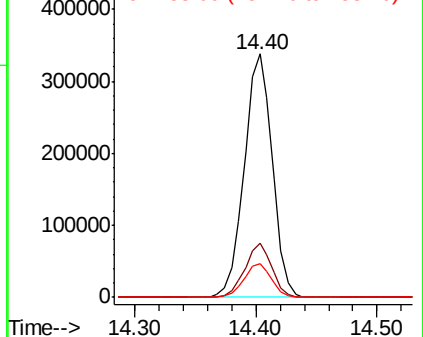
152 100

151 22.0 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: 78.095 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

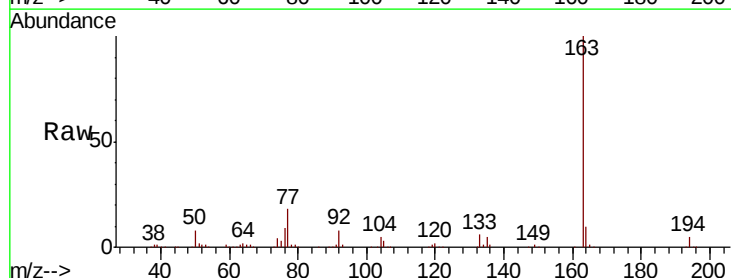
Tgt Ion:163 Resp: 464452

Ion Ratio Lower Upper

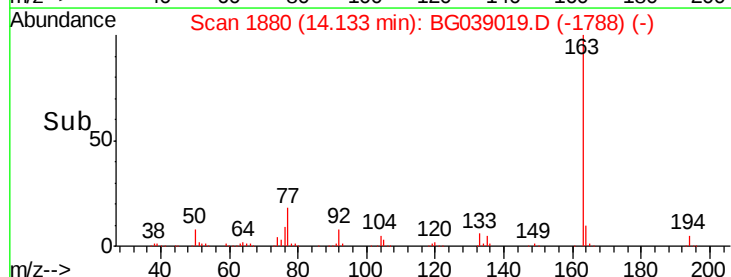
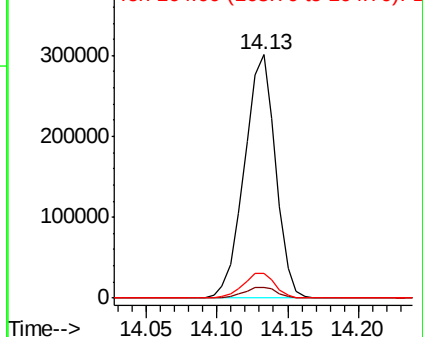
163 100

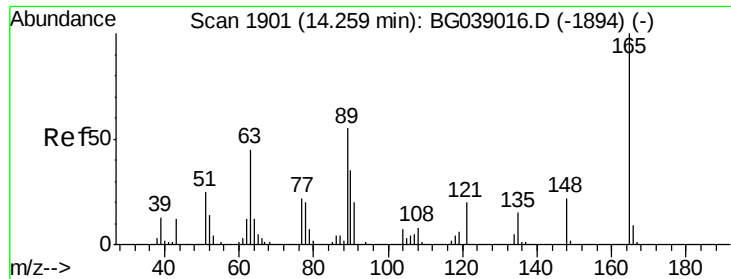
194 4.6 3.6 5.4

164 10.2 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: 80.004 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampled :

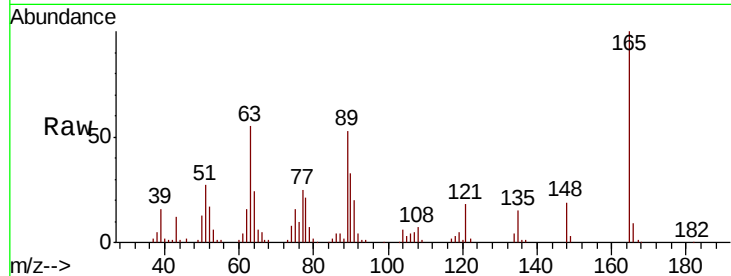
Tot Ion:165 Resp: 107826

Ion Ratio Lower Upper

165 100

63 54.7 43.6 65.4

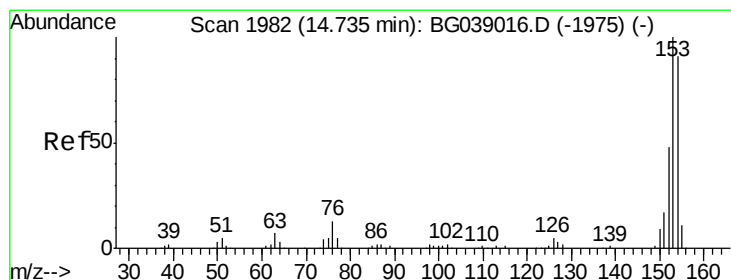
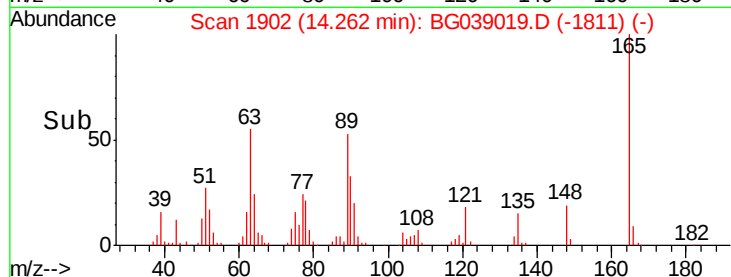
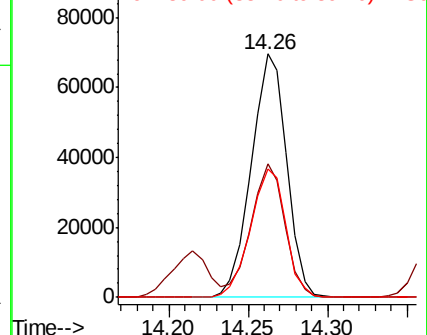
89 52.7 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 78.137 ng

RT: 14.74 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

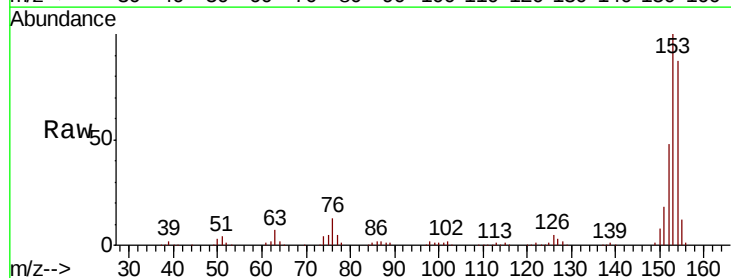
Tgt Ion:154 Resp: 329408

Ion Ratio Lower Upper

154 100

153 115.1 87.9 131.9

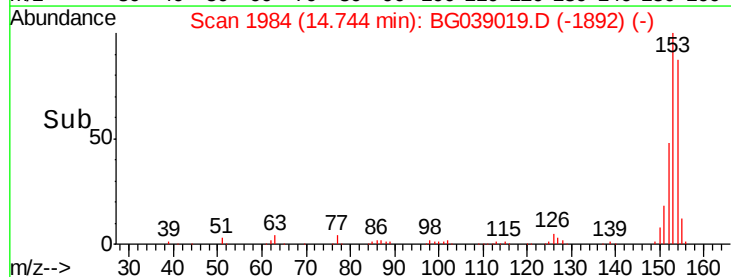
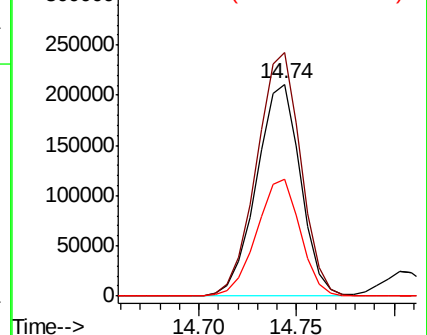
152 55.3 42.2 63.2

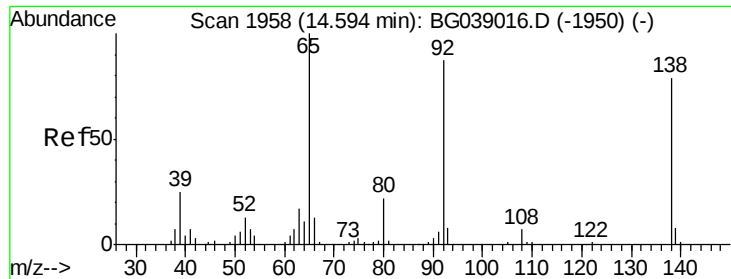


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

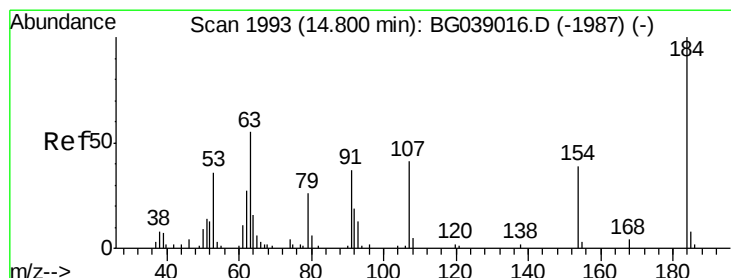
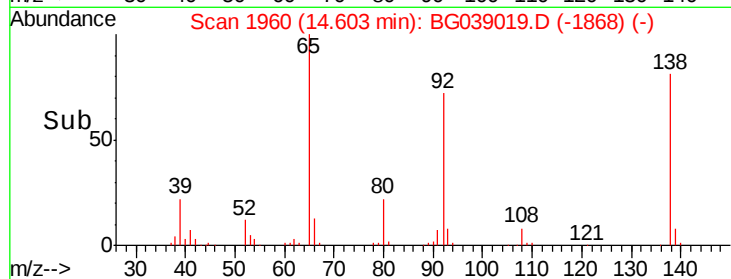
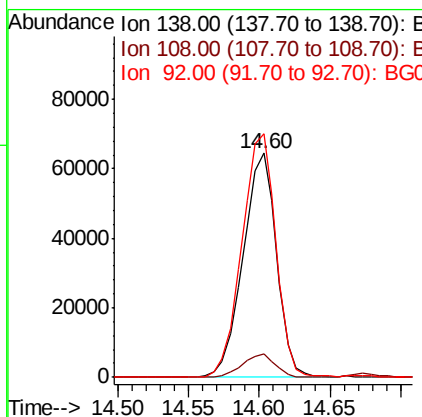
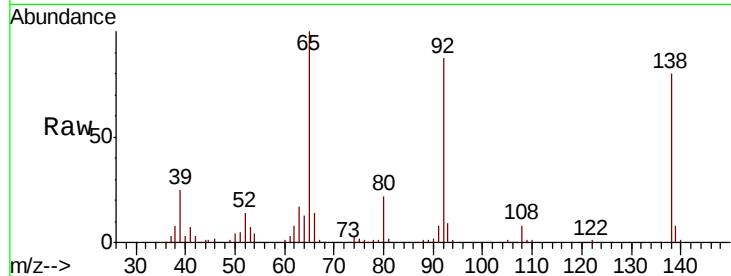




#53
 3-Nitroaniline
 Concen: 78.210 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. 0.01 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

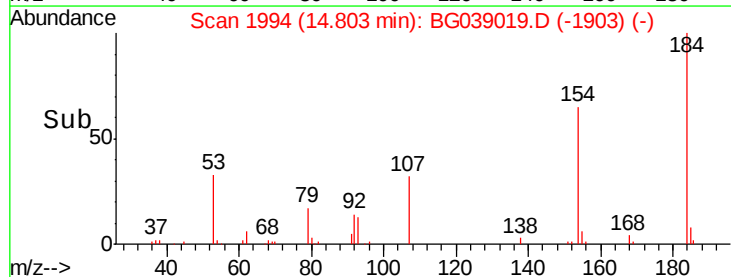
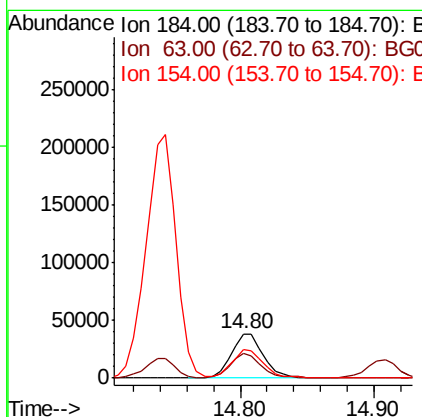
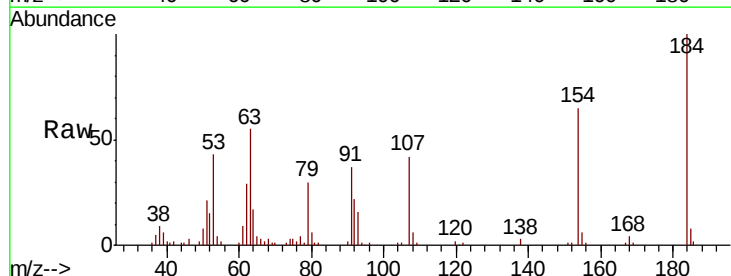
Instrument :
 BNA_G
 ClientSampleId :

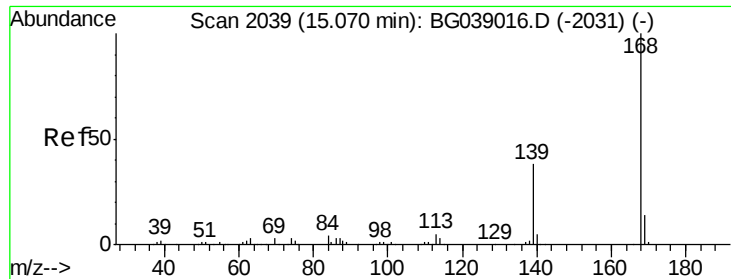
Tot Ion:138 Resp: 107451
 Ion Ratio Lower Upper
 138 100
 108 10.6 7.4 11.0
 92 108.6 88.2 132.4



#54
 2,4-Dinitrophenol
 Concen: 91.619 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion:184 Resp: 64479
 Ion Ratio Lower Upper
 184 100
 63 55.4 44.0 66.0
 154 64.9 46.1 69.1

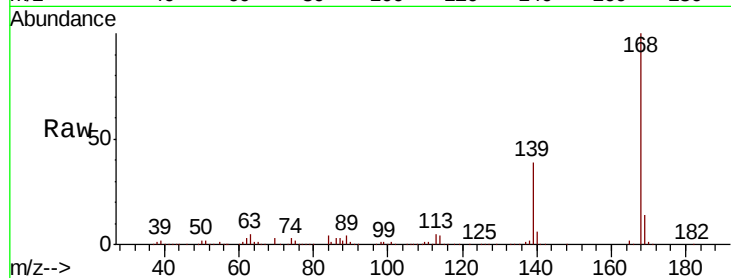




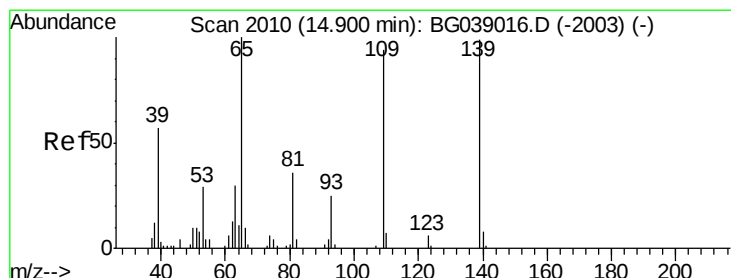
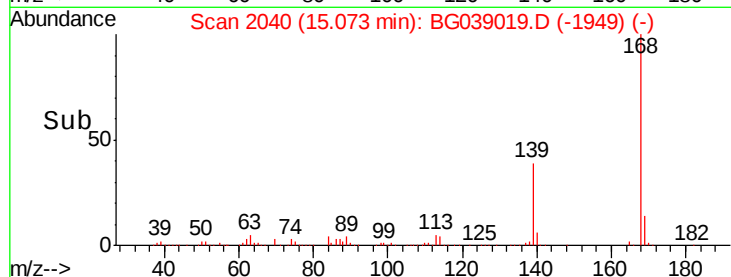
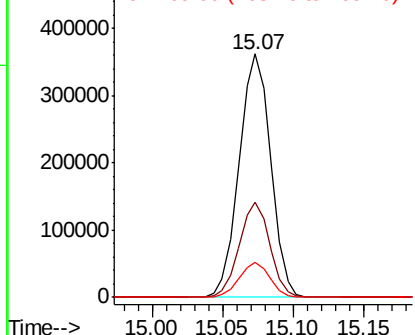
#55
Dibenzenofuran
Concen: 78.215 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 565218
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.5 10.9 16.3

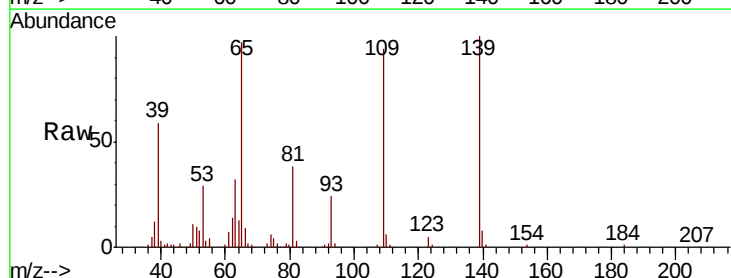


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

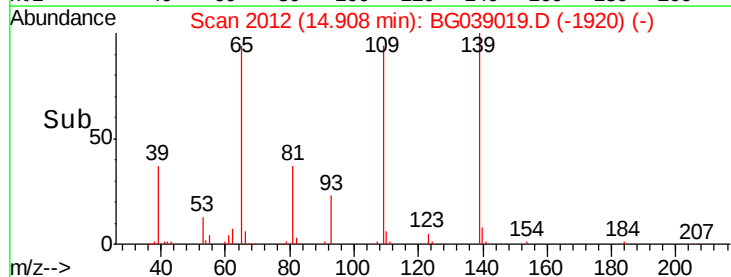
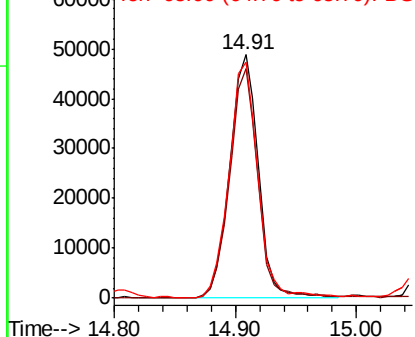


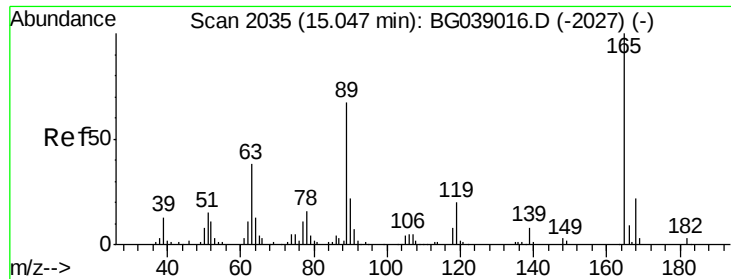
#56
4-Nitrophenol
Concen: 77.509 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion:139 Resp: 80785
Ion Ratio Lower Upper
139 100
109 94.4 75.6 115.6
65 96.8 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

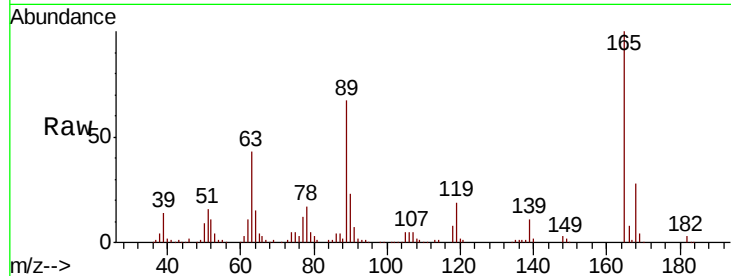




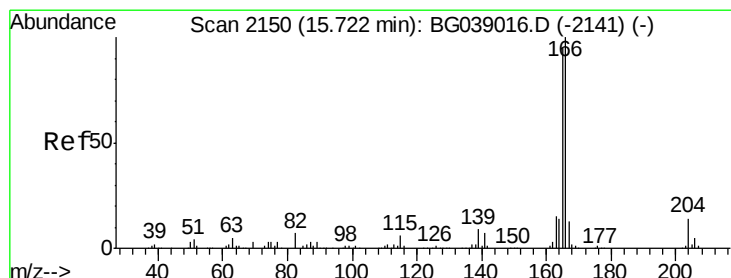
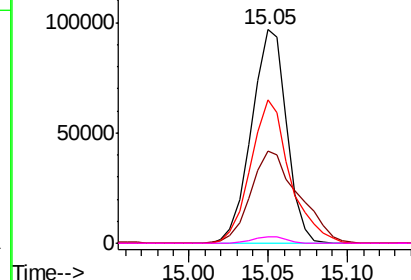
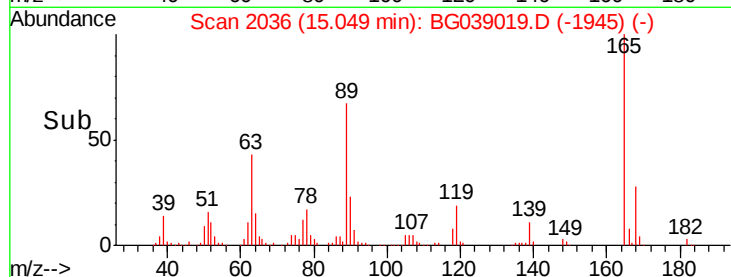
#57
2,4-Dinitrotoluene
Concen: 78.795 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 149574
Ion Ratio Lower Upper
165 100
63 43.3 30.2 45.4
89 67.1 53.2 79.8
182 3.1 2.7 4.1

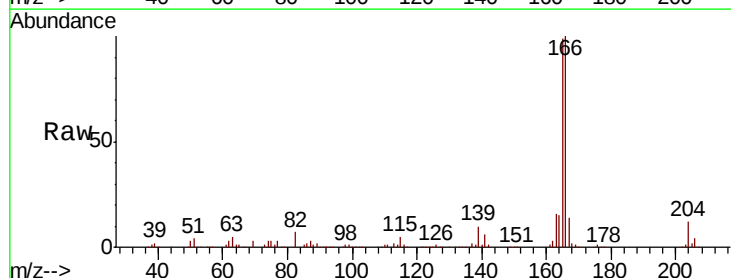


Abundance Ion 165.00 (164.70 to 165.70): E
150000
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

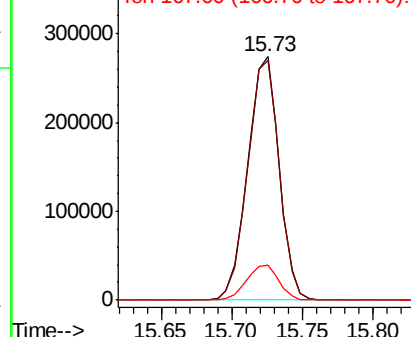
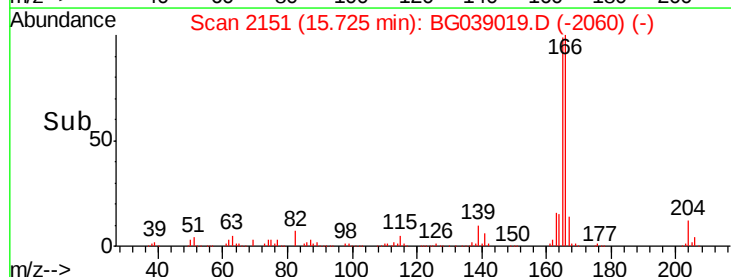


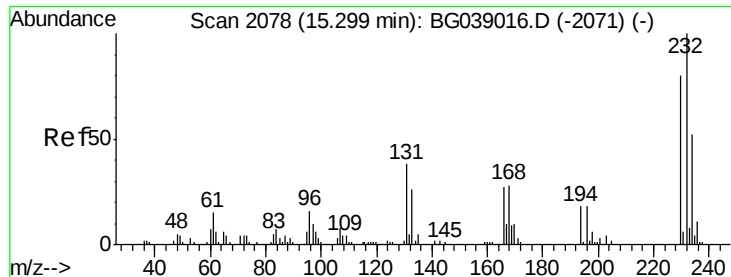
#58
Fluorene
Concen: 79.870 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion:166 Resp: 427619
Ion Ratio Lower Upper
166 100
165 98.7 76.2 114.2
167 14.1 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

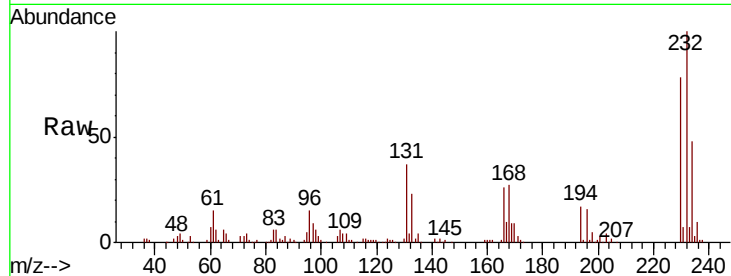




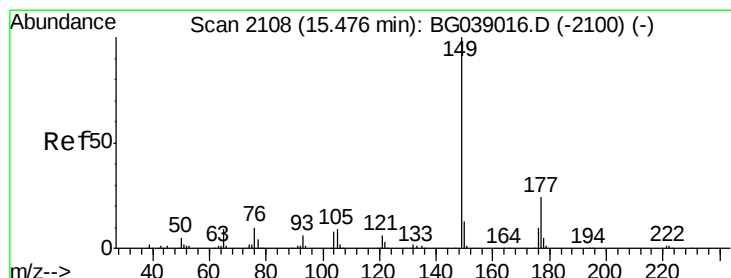
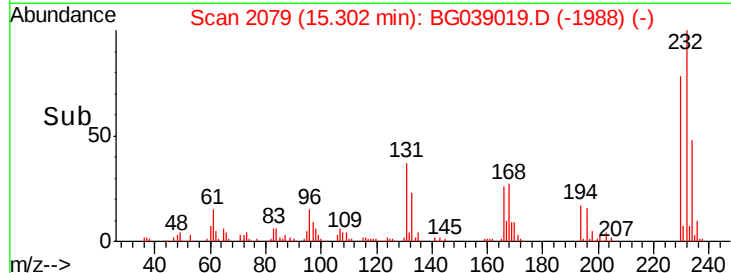
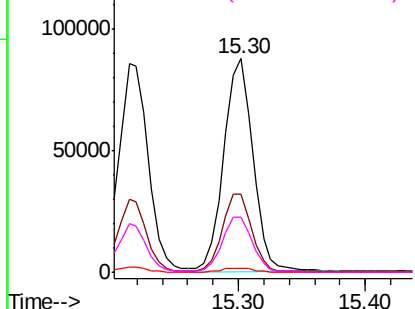
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 87.759 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	139925
Ion Ratio	Lower	Upper
232	100	
131	36.1	30.9 46.3
130	2.3	1.9 2.9
166	27.2	22.1 33.1

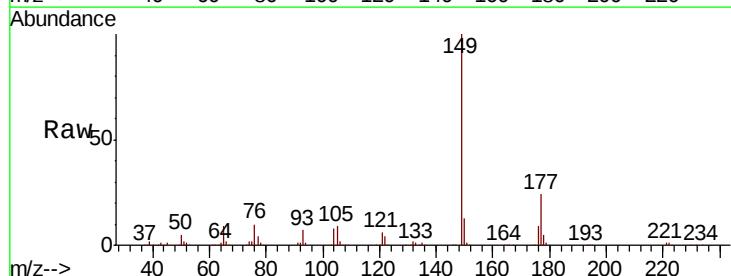


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

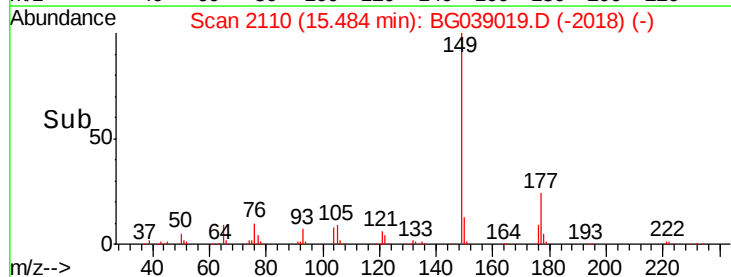
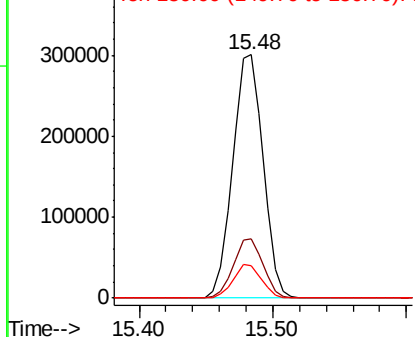


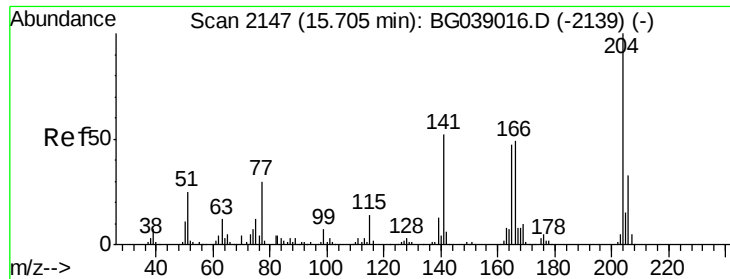
#60
 Diethylphthalate
 Concen: 72.695 ng
 RT: 15.48 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion:149	Resp:	474617
Ion Ratio	Lower	Upper
149	100	
177	24.4	19.0 28.6
150	13.1	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

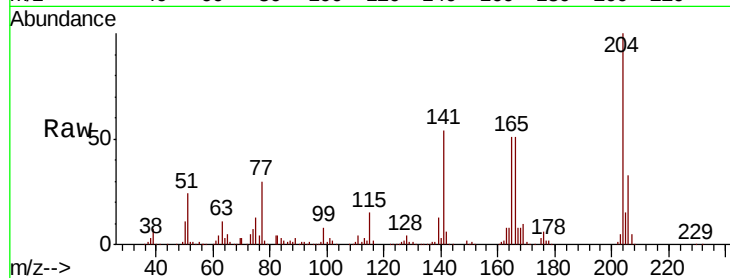




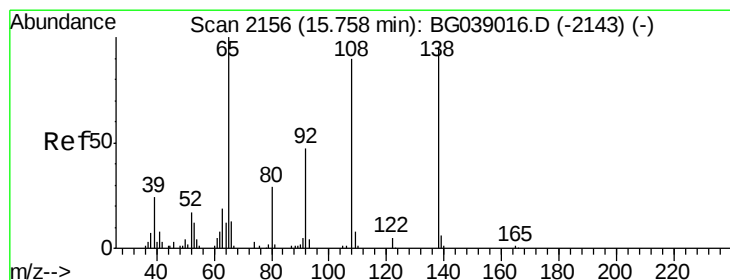
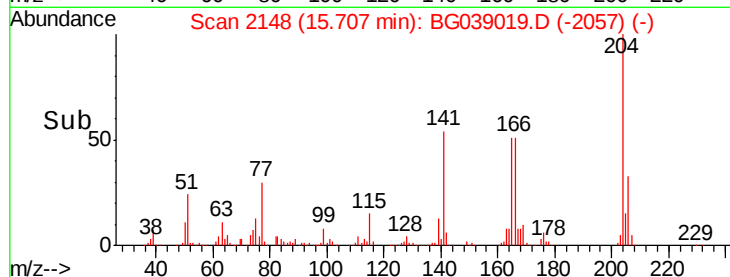
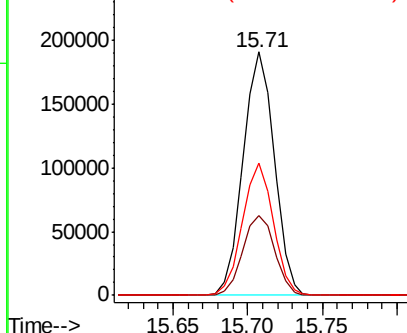
#61
4-Chlorophenyl-phenylether
Concen: 82.579 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 275858
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 54.3 41.4 62.0

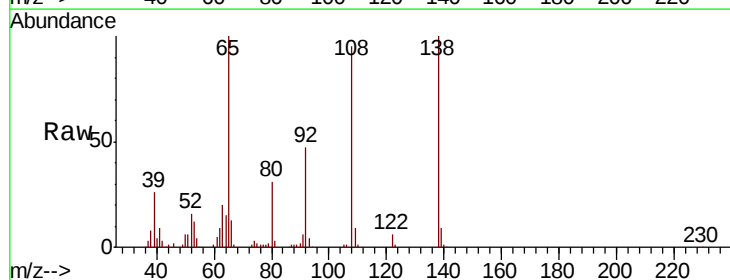


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

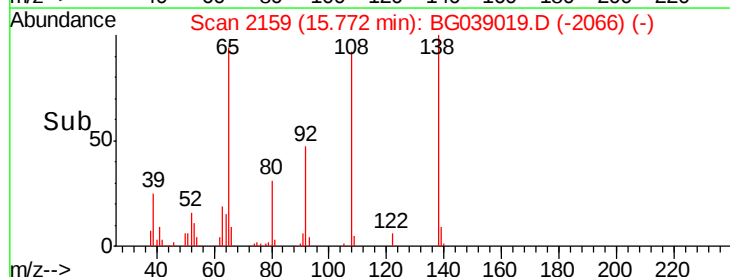
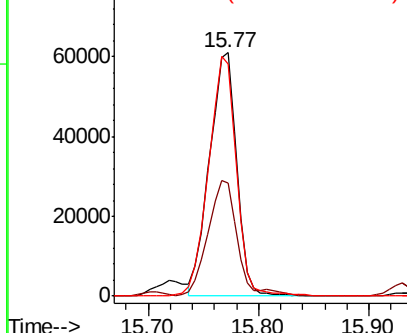


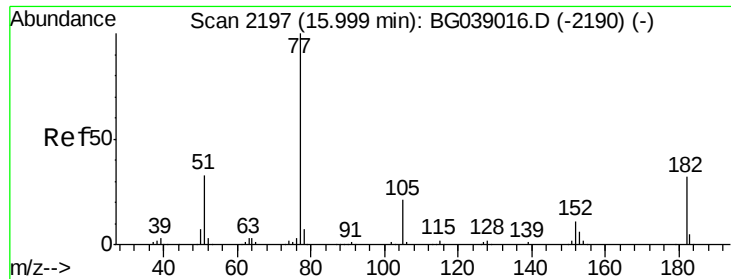
#62
4-Nitroaniline
Concen: 73.269 ng
RT: 15.77 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion:138 Resp: 103634
Ion Ratio Lower Upper
138 100
92 46.6 29.7 69.7
108 95.2 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

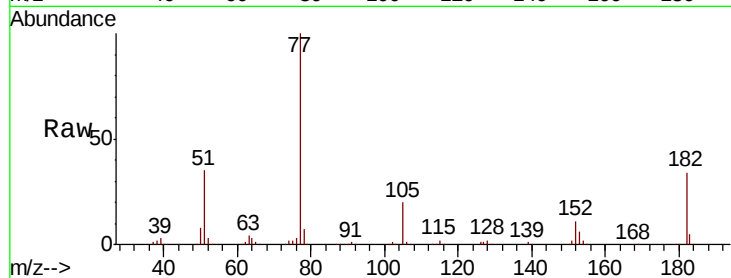




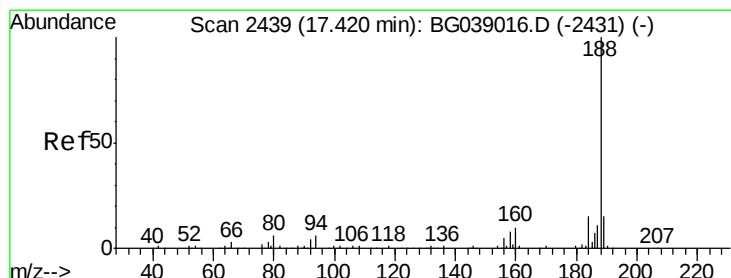
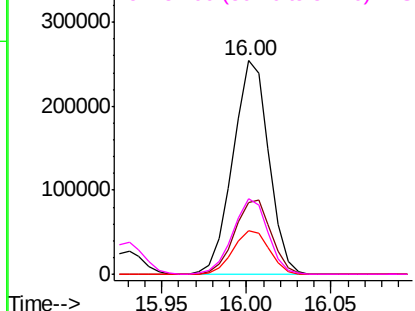
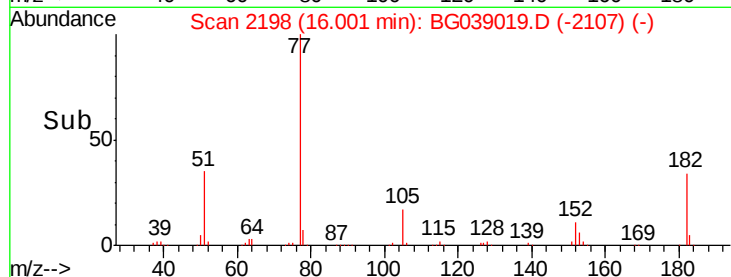
#63
Azobenzene
Concen: 68.951 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 376066
Ion Ratio Lower Upper
77 100
182 33.5 12.2 52.2
105 20.4 1.2 41.2
51 35.4 13.4 53.4

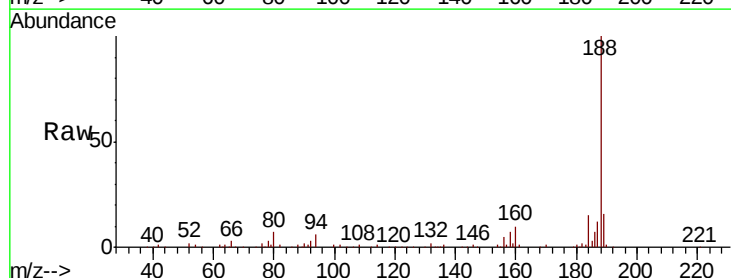


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

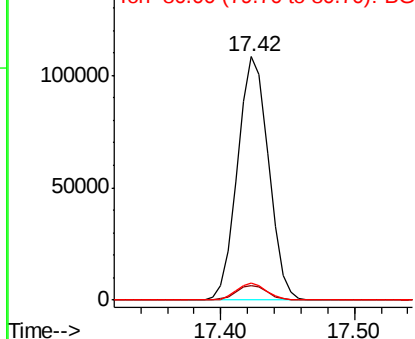
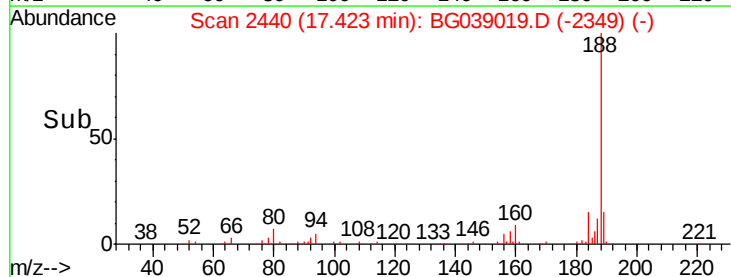


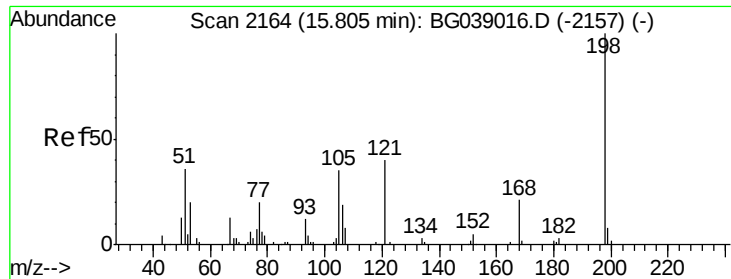
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion: 188 Resp: 173755
Ion Ratio Lower Upper
188 100
94 5.7 5.0 7.4
80 7.2 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: 86.392 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampled :

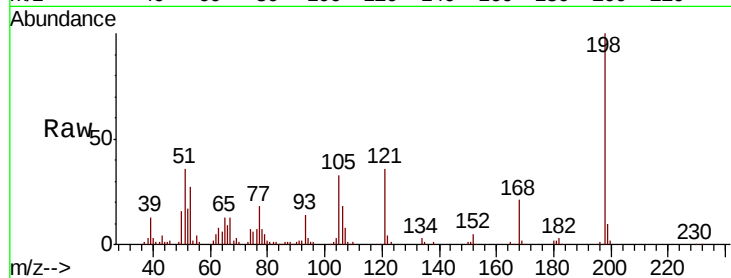
Tot Ion:198 Resp: 107082

Ion Ratio Lower Upper

198 100

51 36.3 20.8 60.8

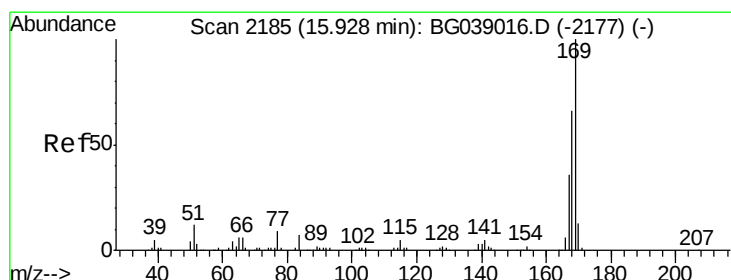
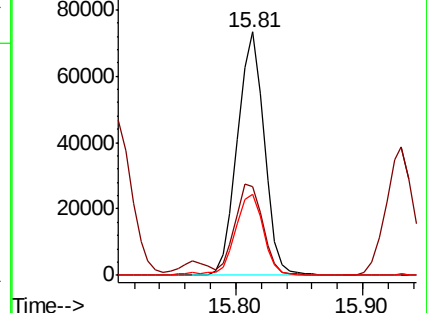
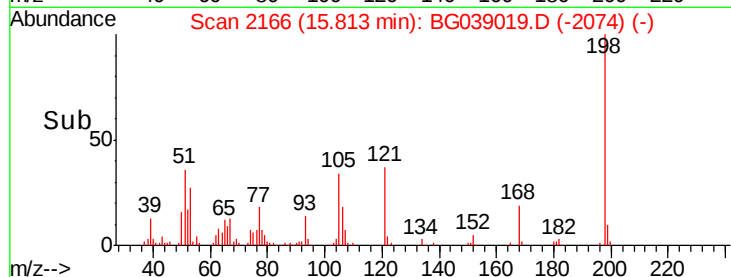
105 33.5 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 81.226 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

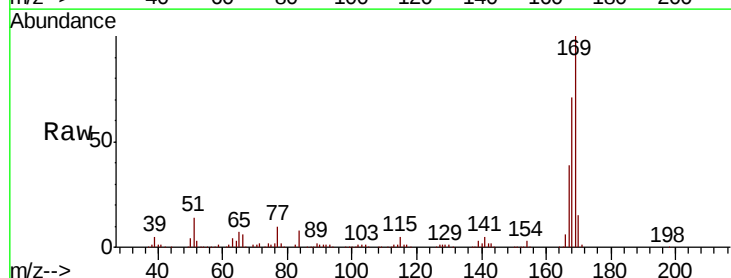
Tgt Ion:169 Resp: 414683

Ion Ratio Lower Upper

169 100

168 70.6 53.2 79.8

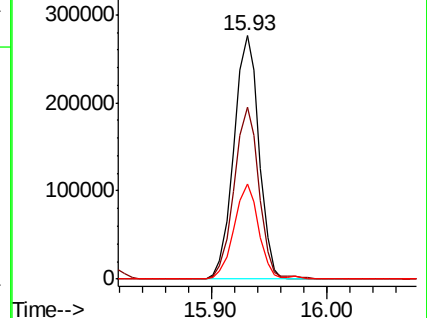
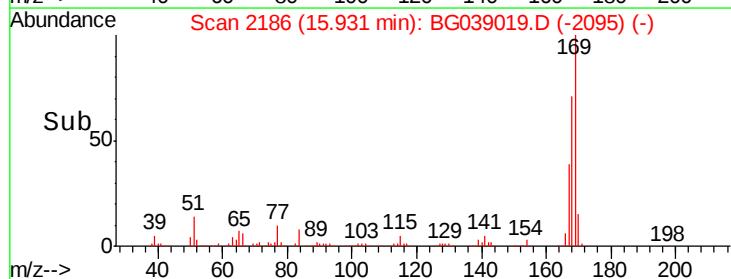
167 39.1 29.1 43.7

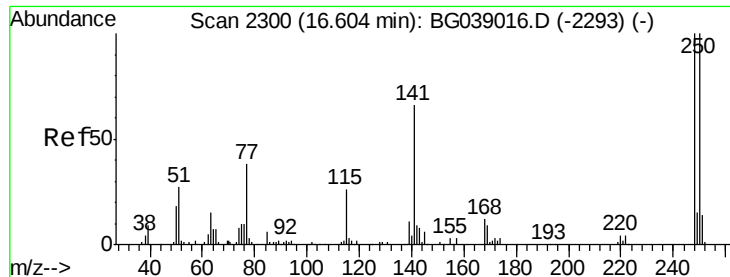


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

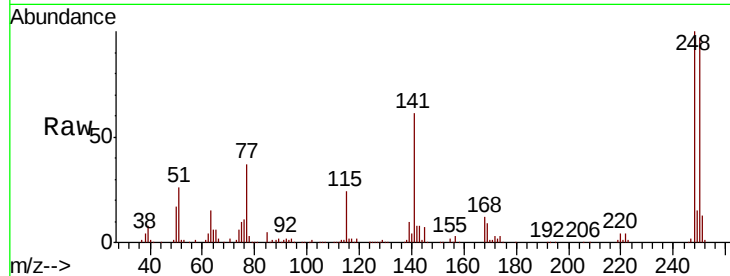




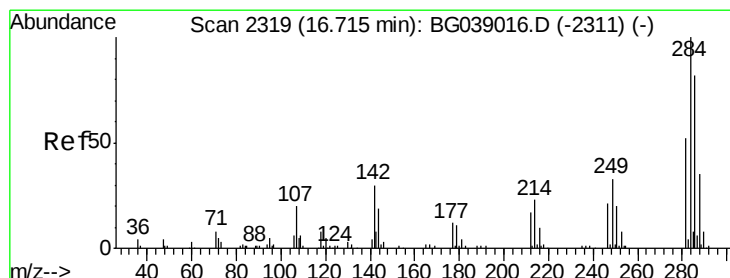
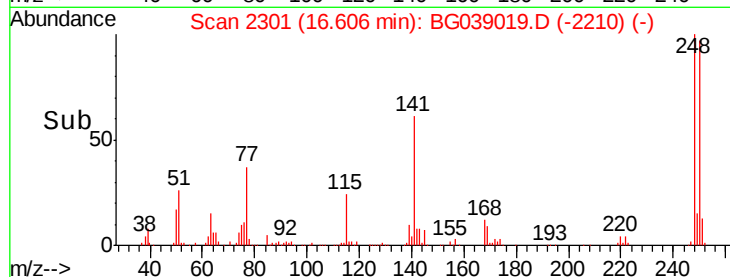
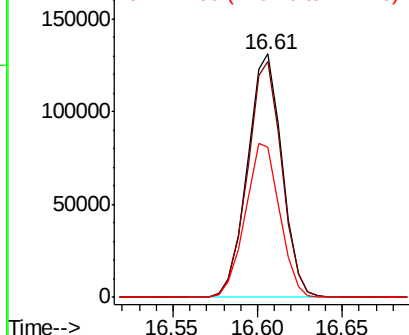
#67
 4-Bromophenyl-phenylether
 Concen: 87.676 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 186053
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.9 119.9
 141 61.5 52.7 79.1

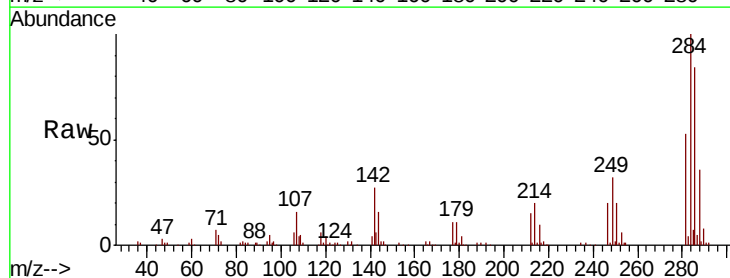


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

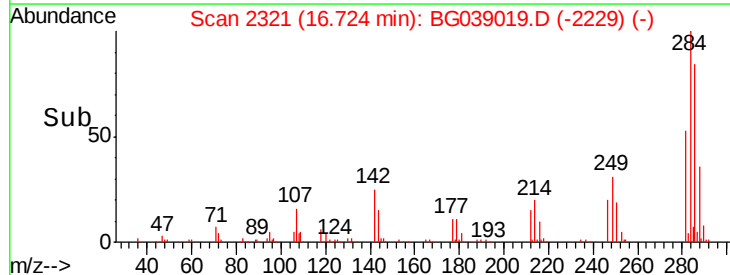
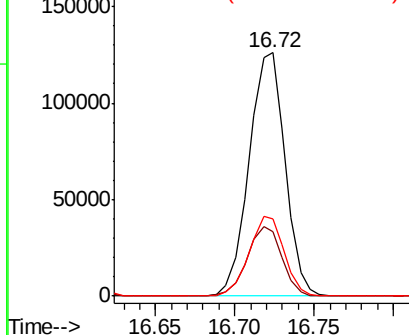


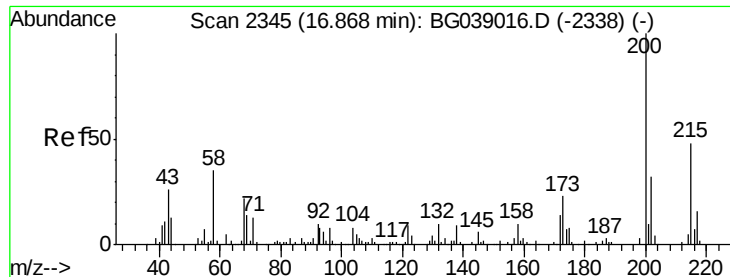
#68
 Hexachlorobenzene
 Concen: 90.354 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. 0.01 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion:284 Resp: 198755
 Ion Ratio Lower Upper
 284 100
 142 26.7 24.3 36.5
 249 33.6 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: 84.640 ng

RT: 16.88 min Scan# 2347

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

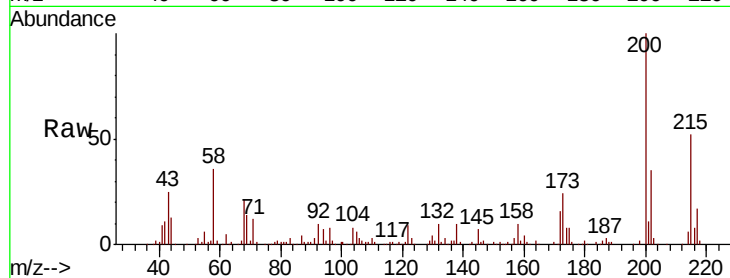
Tot Ion:200 Resp: 160363

Ion Ratio Lower Upper

200 100

173 24.2 2.6 42.6

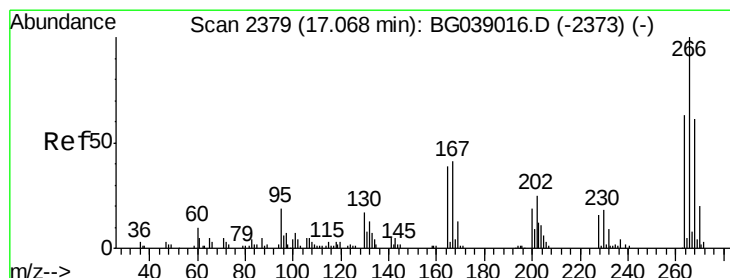
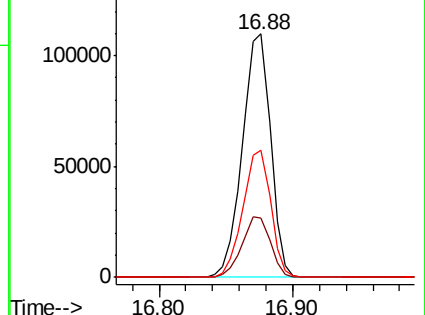
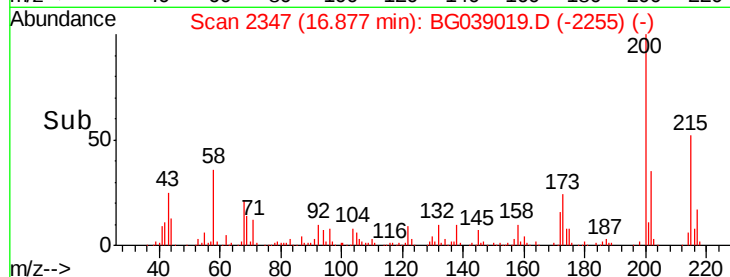
215 52.0 28.0 68.0



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: 93.308 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

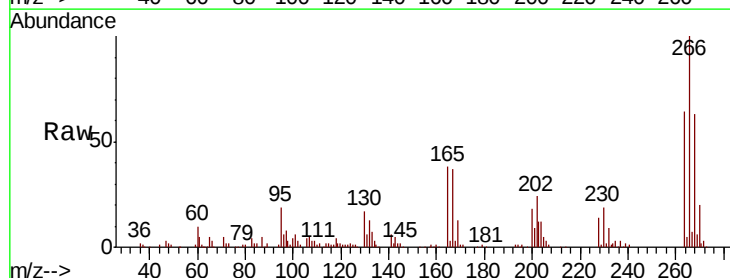
Tgt Ion:266 Resp: 121405

Ion Ratio Lower Upper

266 100

268 69.1 52.0 78.0

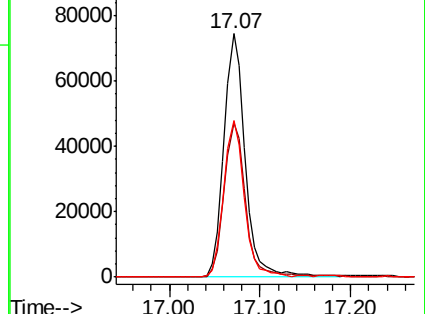
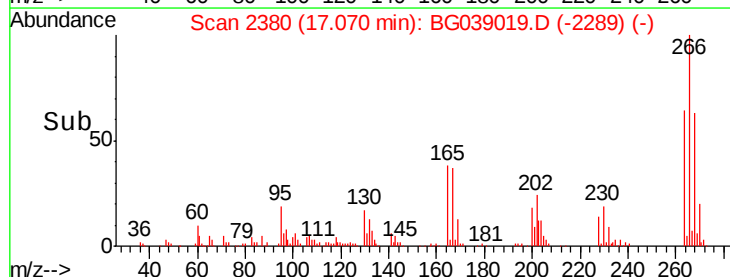
264 69.3 54.6 81.8

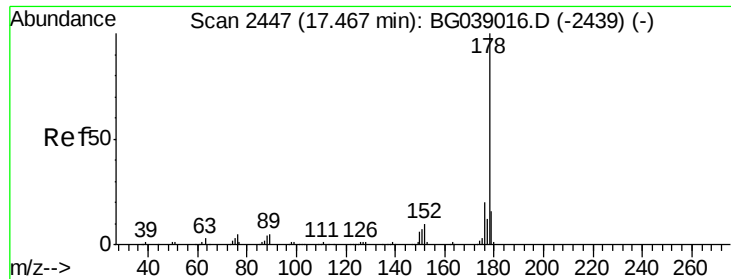


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

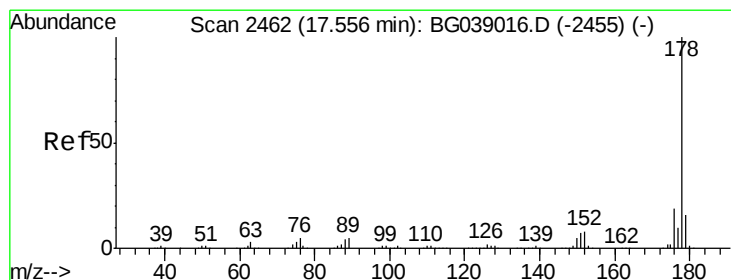
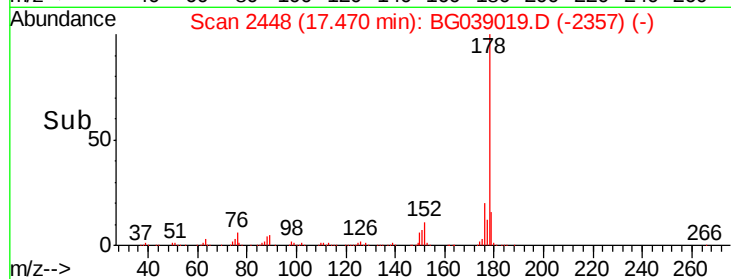
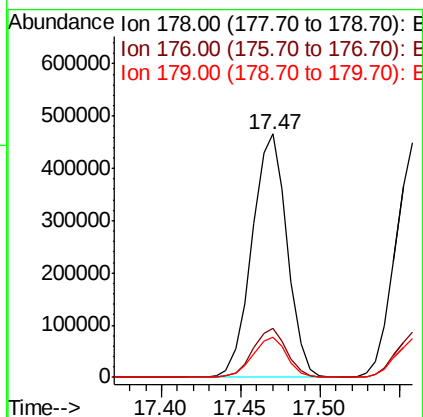
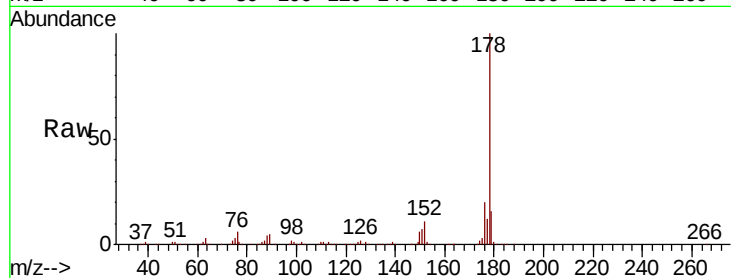




#71
Phenanthrene
Concen: 79.314 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

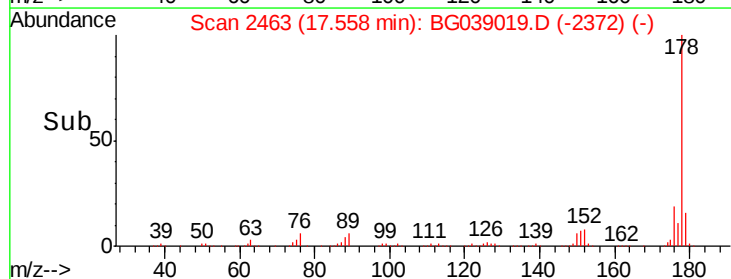
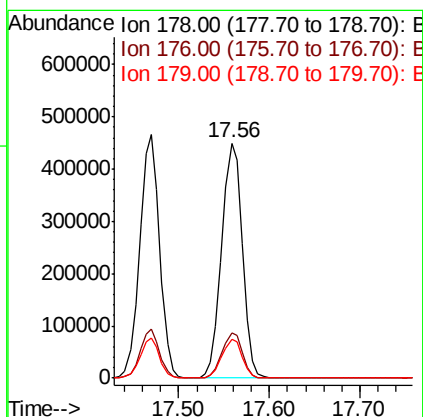
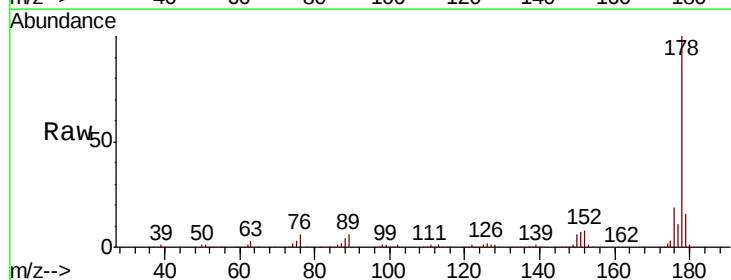
Instrument :
BNA_G
ClientSampleId :

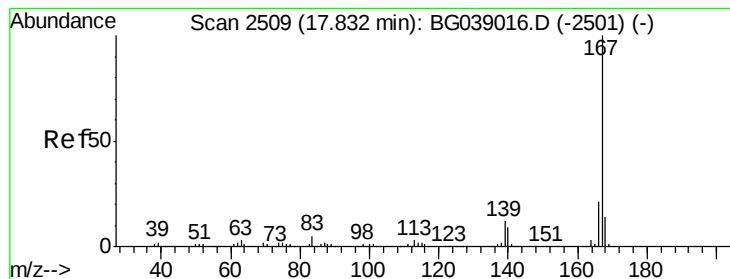
Tot Ion:178 Resp: 714641
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.3 12.9 19.3



#72
Anthracene
Concen: 79.623 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion:178 Resp: 708255
Ion Ratio Lower Upper
178 100
176 19.5 14.9 22.3
179 16.4 13.0 19.4





#73

Carbazole

Concen: 77.687 ng

RT: 17.83 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

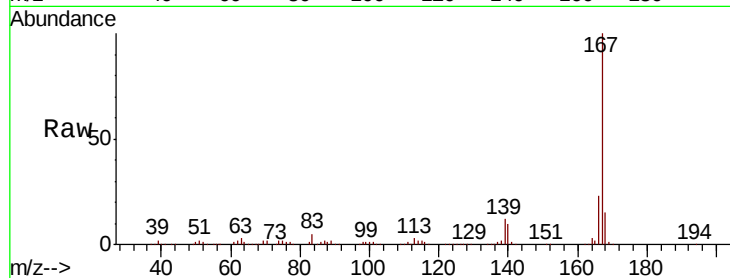
Tot Ion:167 Resp: 683416

Ion Ratio Lower Upper

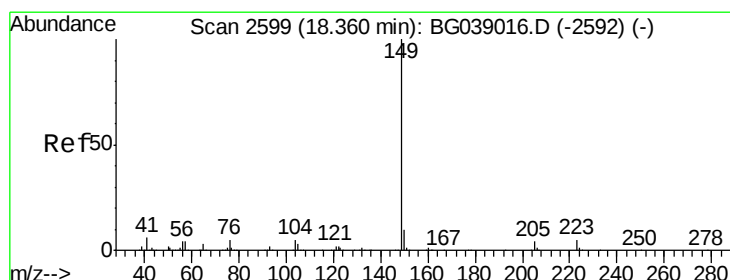
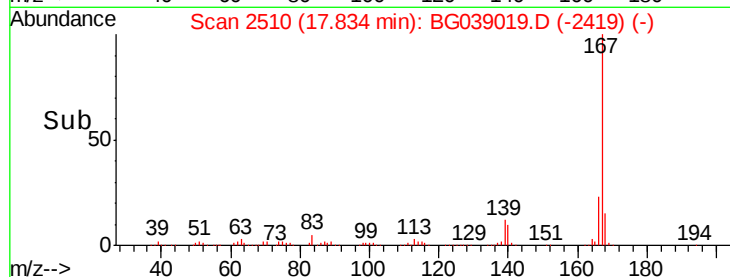
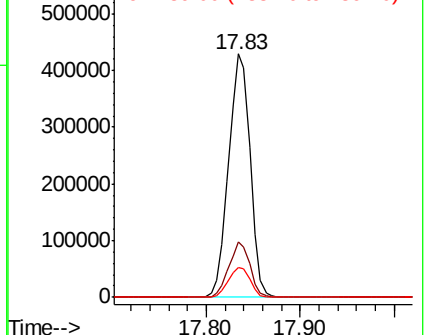
167 100

166 22.6 16.9 25.3

139 12.5 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 74.040 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

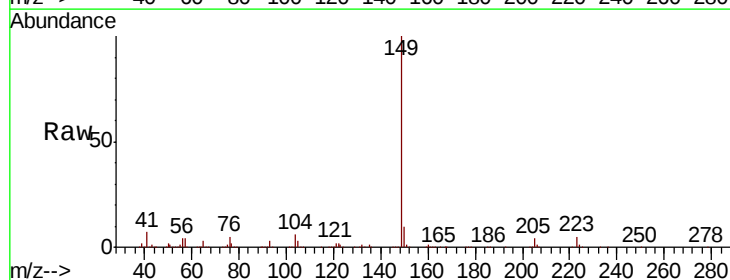
Tgt Ion:149 Resp: 747372

Ion Ratio Lower Upper

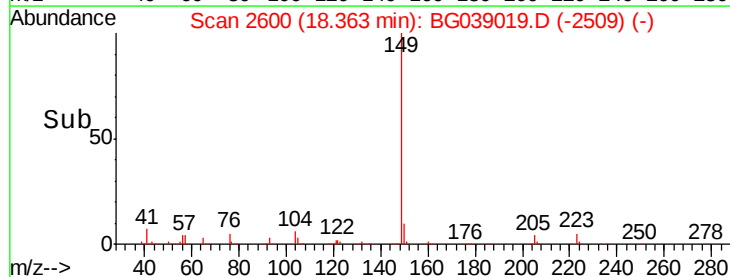
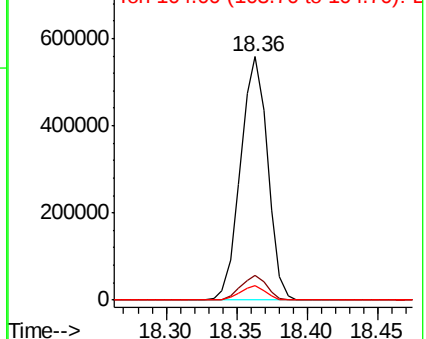
149 100

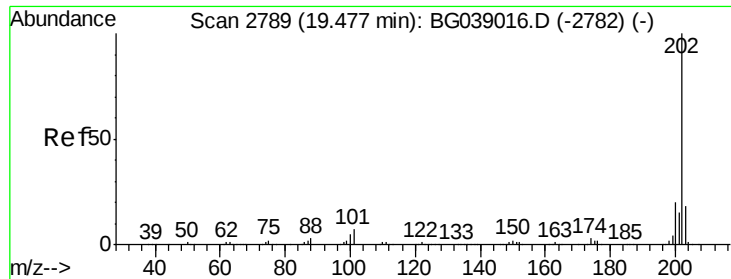
150 10.0 7.9 11.9

104 5.9 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 75.920 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

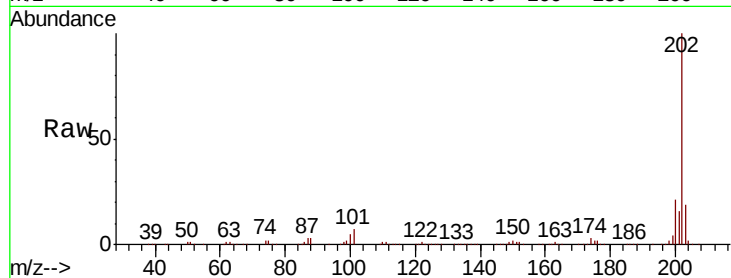
Tot Ion:202 Resp: 846374

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.9

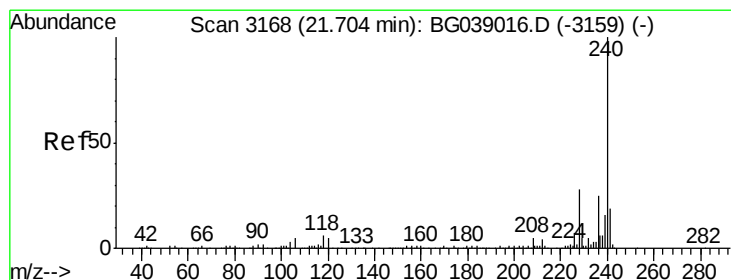
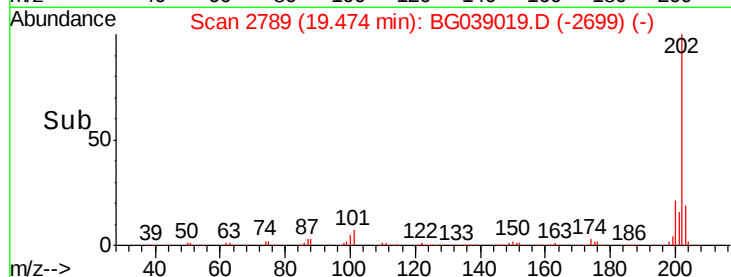
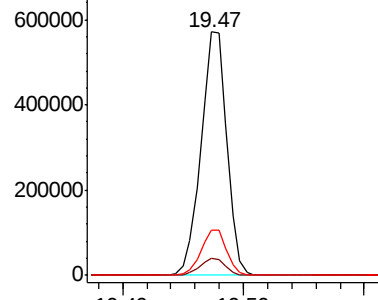
203 18.7 0.0 38.1



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: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

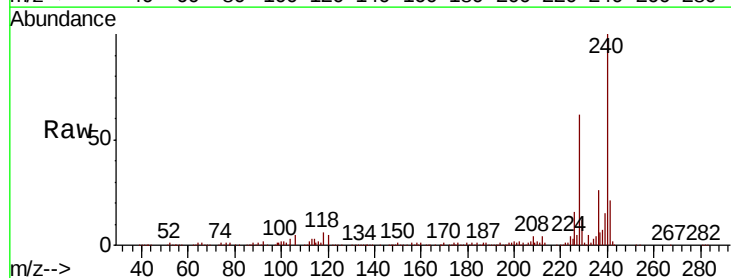
Tgt Ion:240 Resp: 175170

Ion Ratio Lower Upper

240 100

120 5.3 4.3 6.5

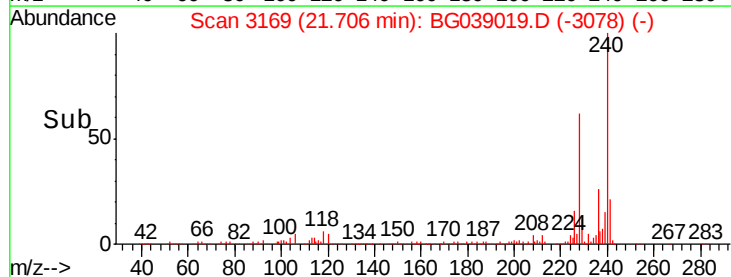
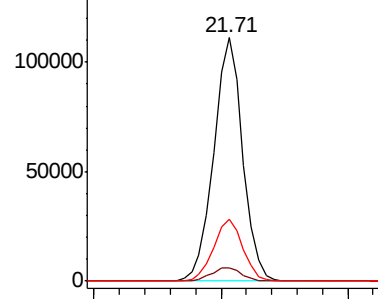
236 25.6 20.1 30.1

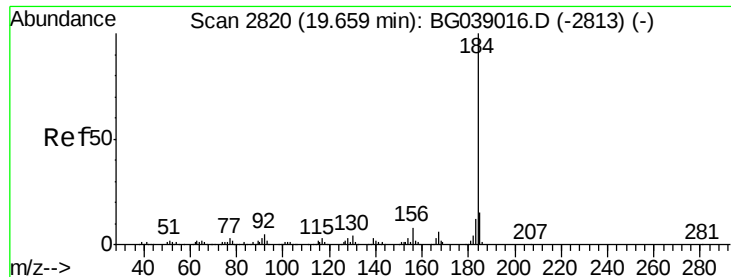


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.591 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

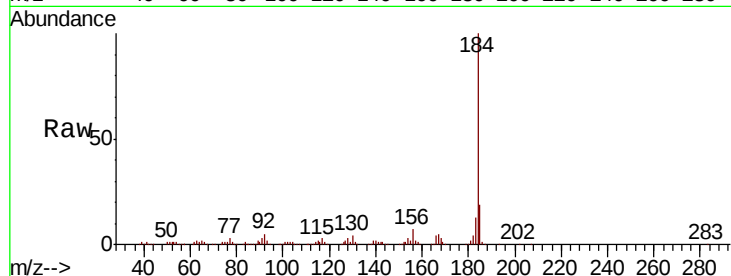
Tot Ion:184 Resp: 350157

Ion Ratio Lower Upper

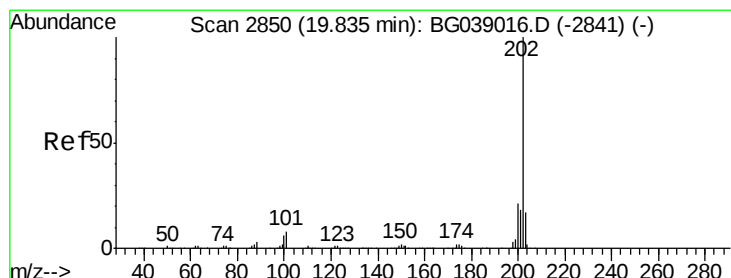
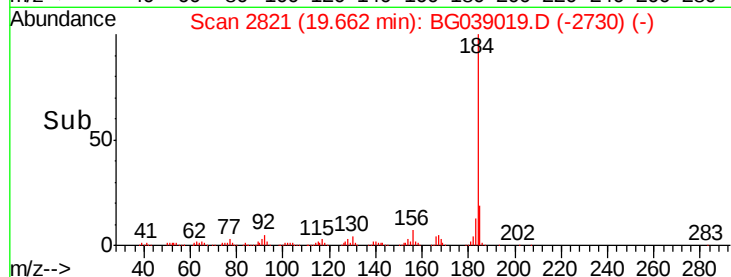
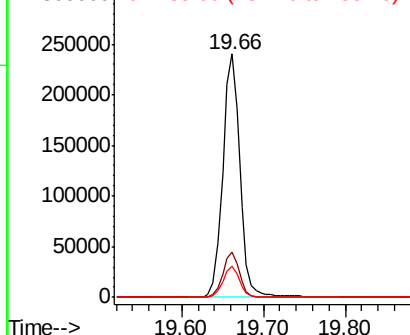
184 100

185 18.5 12.1 18.1#

183 12.6 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: 74.250 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

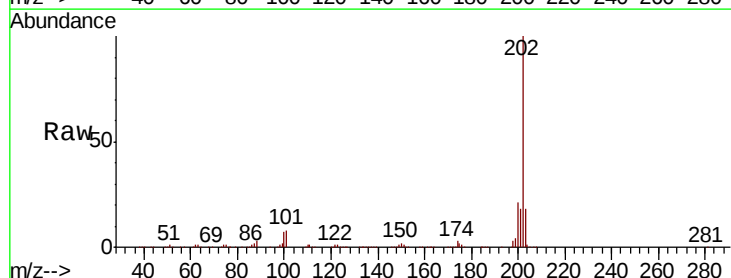
Tgt Ion:202 Resp: 859234

Ion Ratio Lower Upper

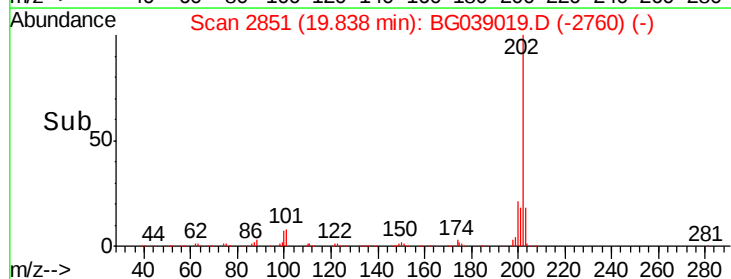
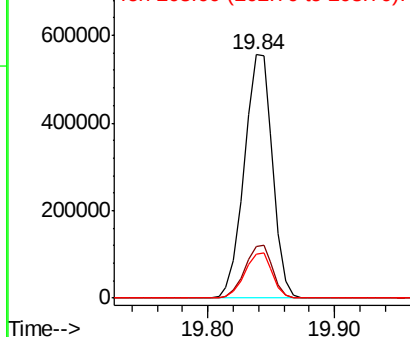
202 100

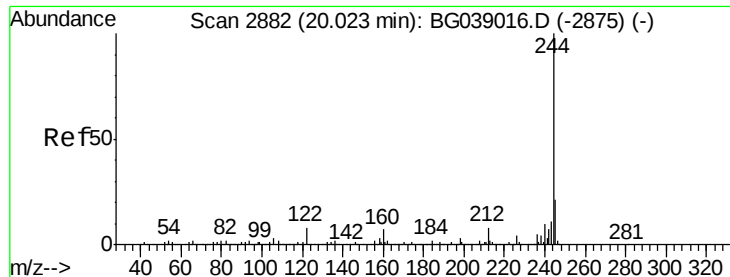
200 21.3 17.0 25.6

203 18.3 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: 172.673 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

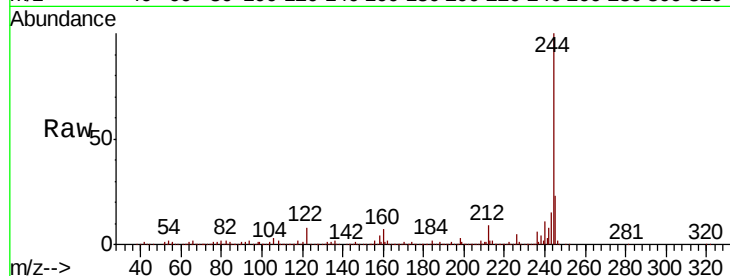
Tot Ion:244 Resp: 1389825

Ion Ratio Lower Upper

244 100

212 8.5 6.1 9.1

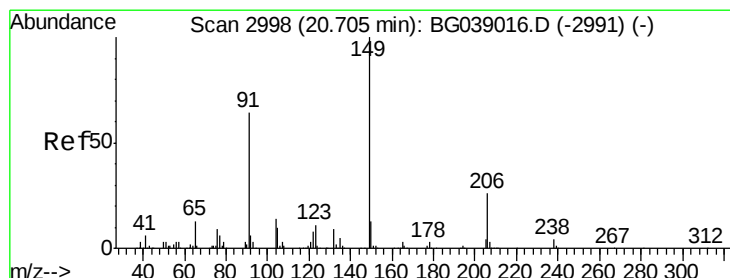
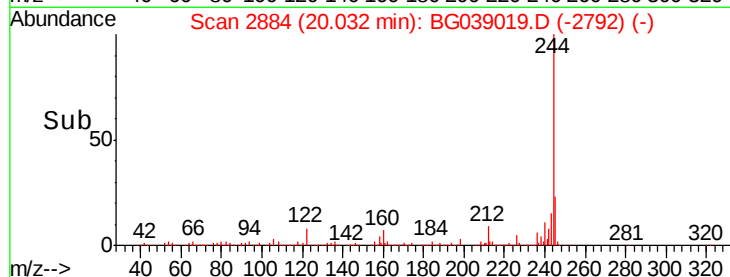
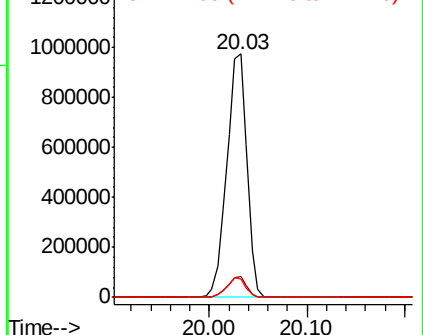
122 7.6 6.1 9.1



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: 75.537 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

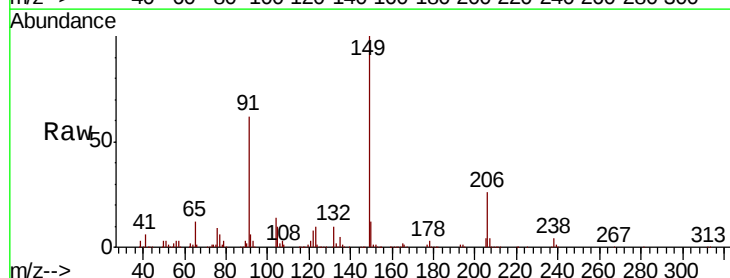
Tgt Ion:149 Resp: 341513

Ion Ratio Lower Upper

149 100

91 62.3 51.4 77.0

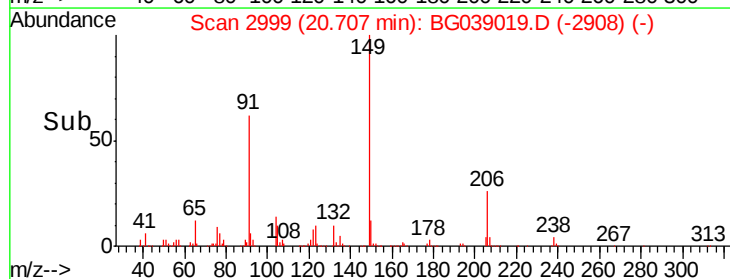
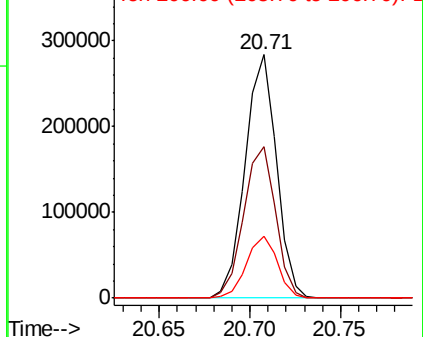
206 25.6 20.4 30.6

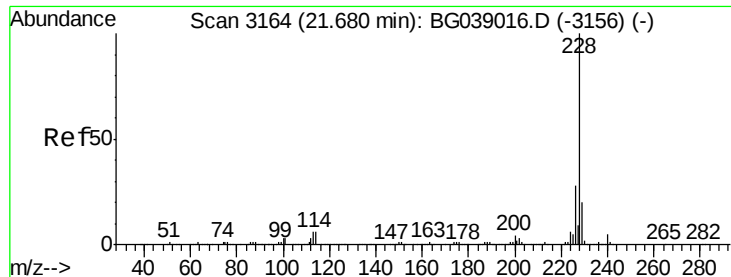


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 78.090 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

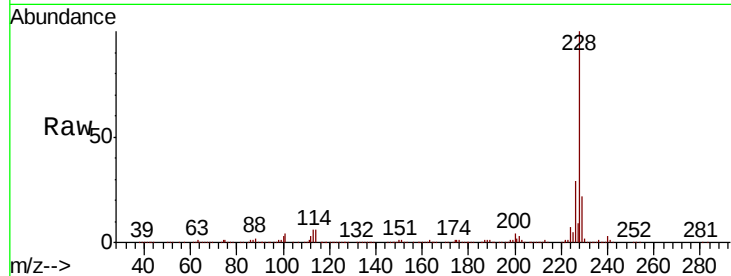
Tot Ion:228 Resp: 833534

Ion Ratio Lower Upper

228 100

226 29.0 22.4 33.6

229 21.5 16.2 24.2

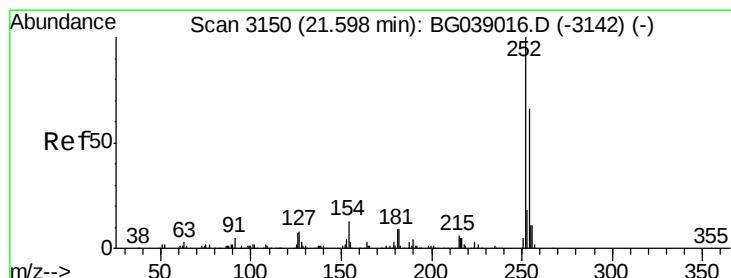
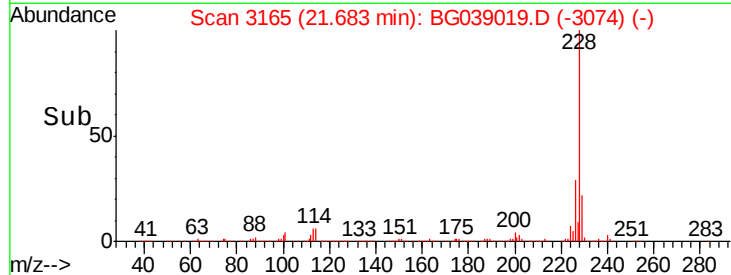
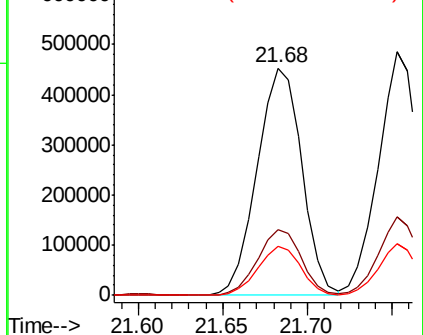


Abundance

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: 79.545 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

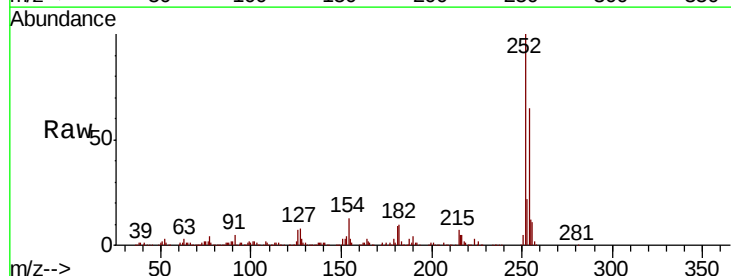
Tgt Ion:252 Resp: 336742

Ion Ratio Lower Upper

252 100

254 65.4 53.0 79.6

126 7.2 6.0 9.0

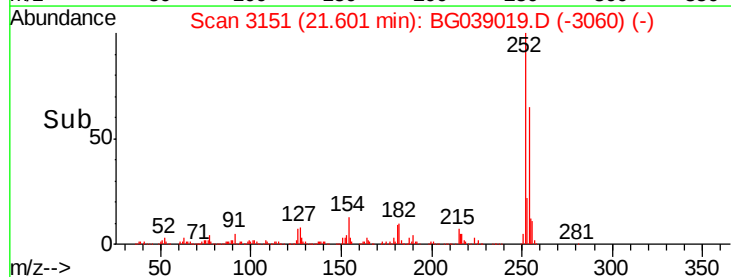
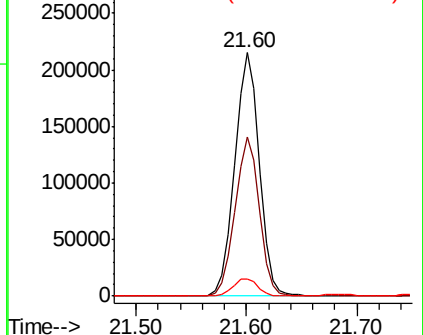


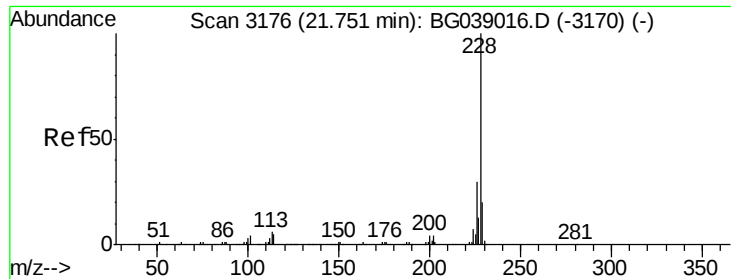
Abundance

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

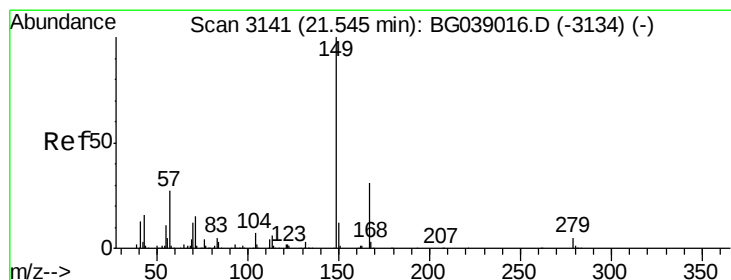
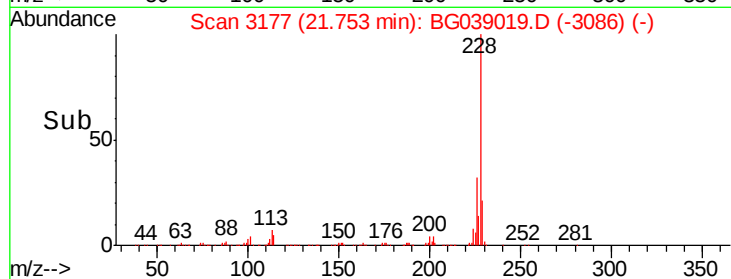
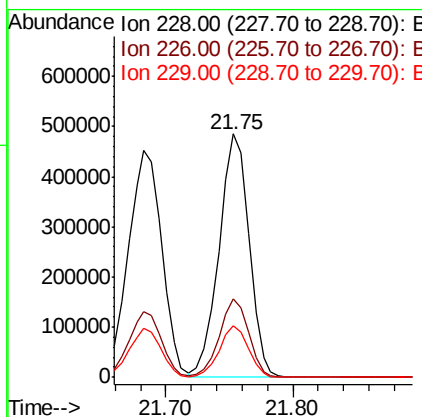
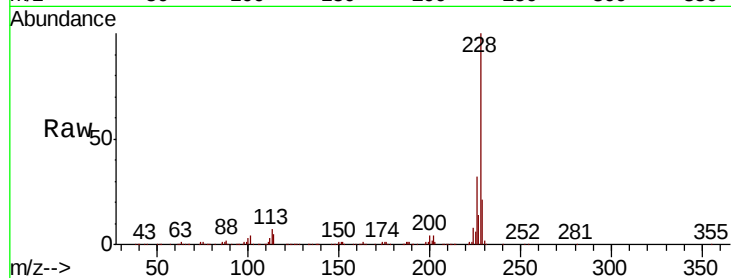




#83
 Chrvsene
 Concen: 77.341 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

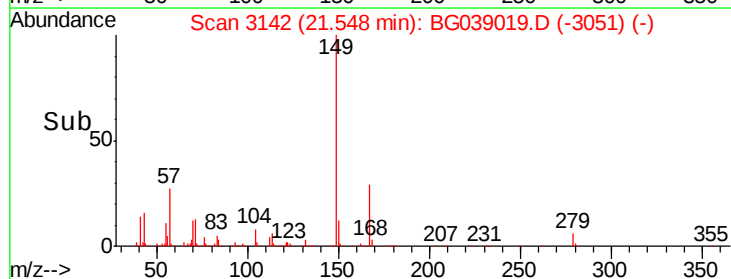
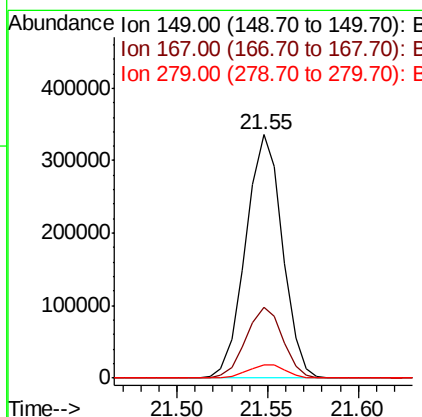
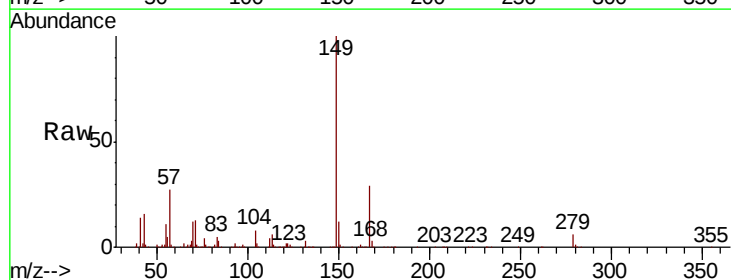
Instrument :
 BNA_G
 ClientSampleId :

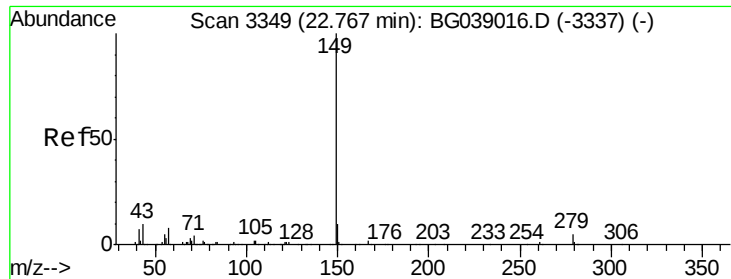
Tot Ion:228 Resp: 795158
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.1 36.1
 229 21.1 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 73.959 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG039019.D
 Acq: 9 Jan 2019 13:36

Tgt Ion:149 Resp: 474237
 Ion Ratio Lower Upper
 149 100
 167 29.3 25.0 37.4
 279 5.7 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 74.555 ng

RT: 22.77 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

Instrument :

BNA_G

ClientSampleId :

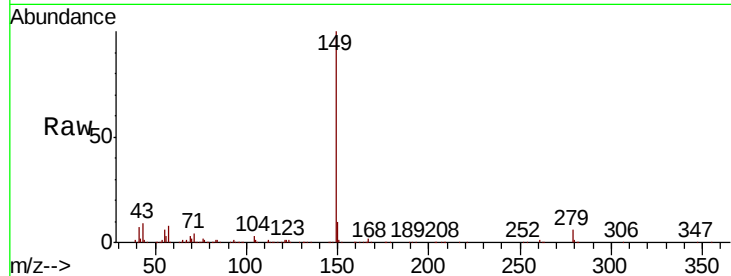
Tot Ion:149 Resp: 800636

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

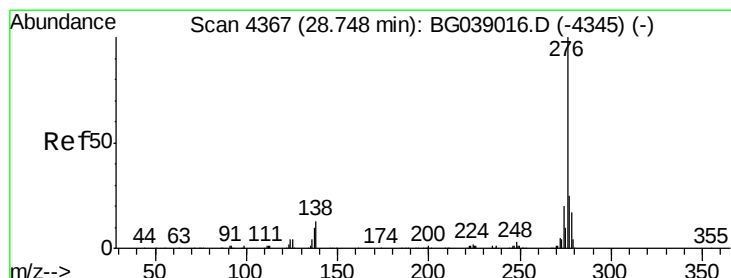
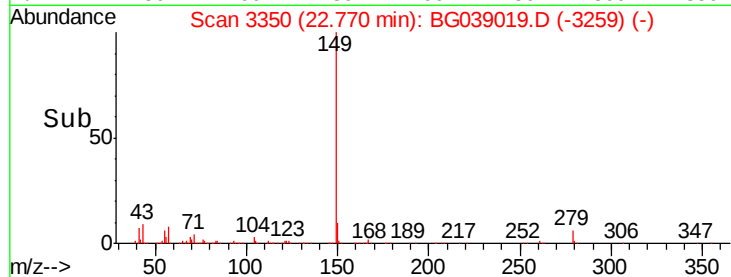
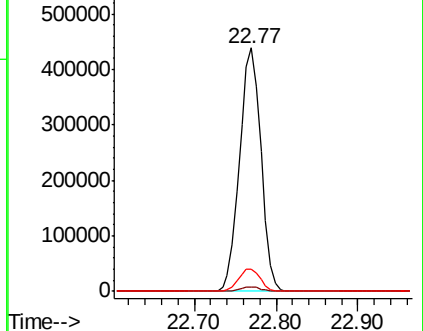
43 9.6 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 82.106 ng

RT: 28.76 min Scan# 4370

Delta R.T. 0.01 min

Lab File: BG039019.D

Acq: 9 Jan 2019 13:36

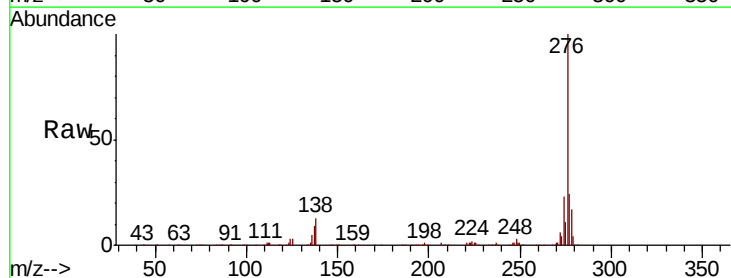
Tgt Ion:276 Resp: 992428

Ion Ratio Lower Upper

276 100

138 9.1 8.0 12.0

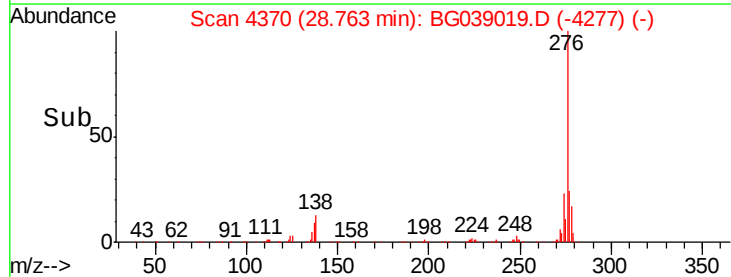
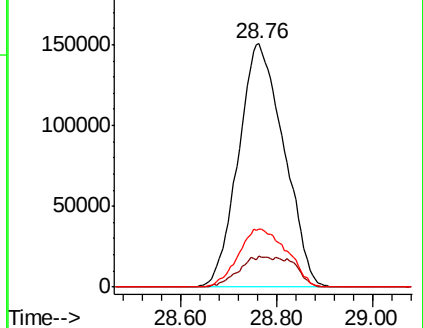
277 25.5 20.3 30.5

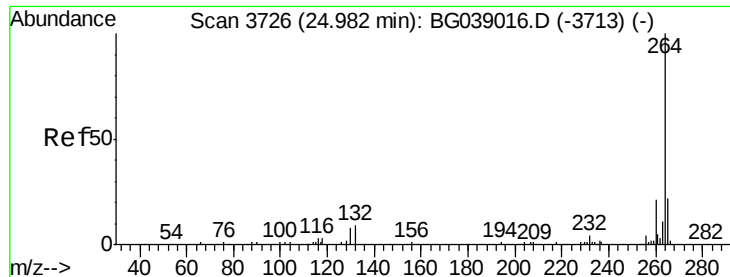


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



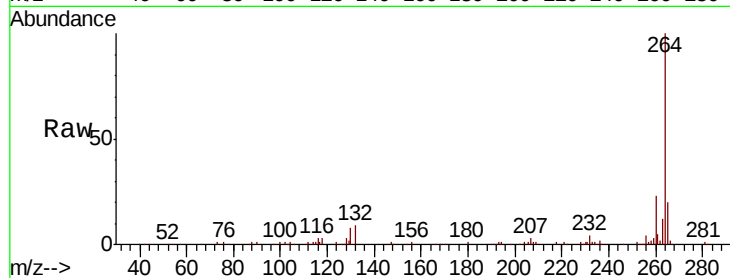


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

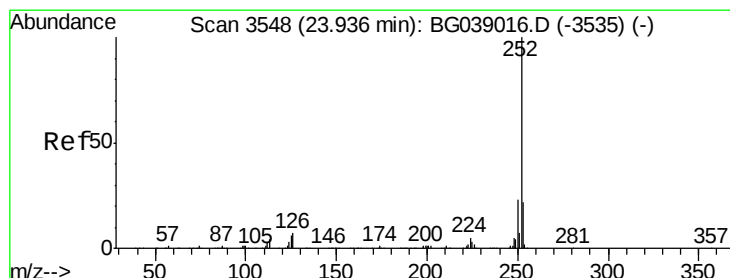
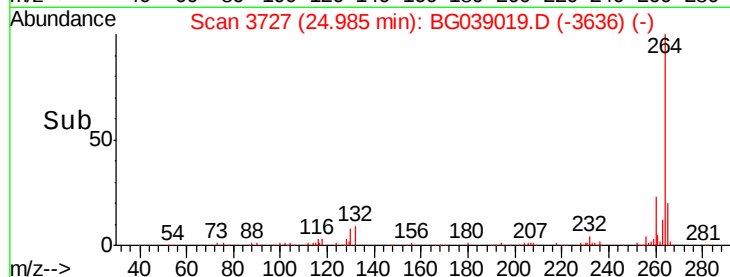
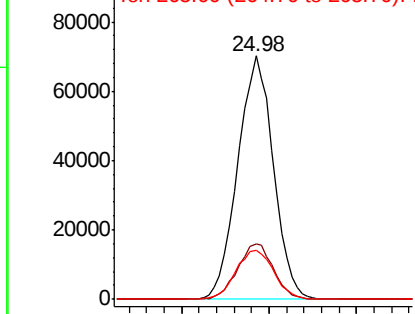
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 193524

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.0	25.6
265	20.2	17.2	25.8



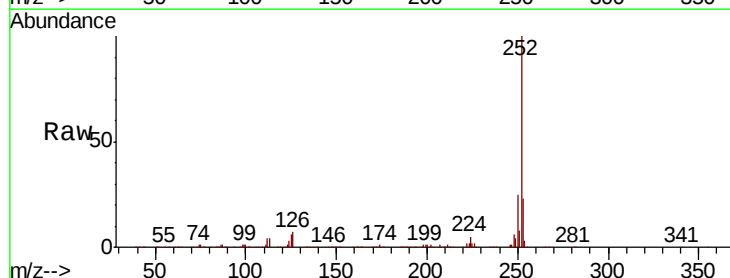
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



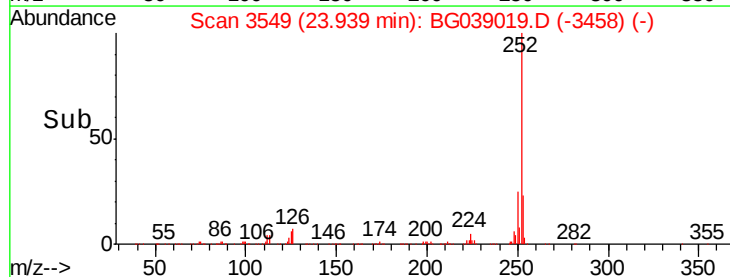
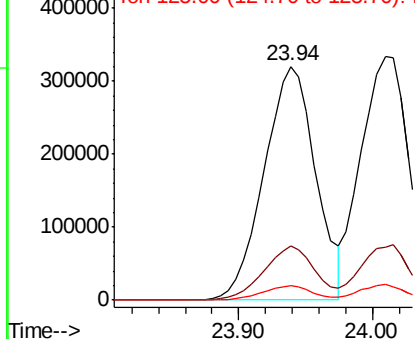
#88
Benzo(b)fluoranthene
Concen: 81.023 ng
RT: 23.94 min Scan# 3549
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

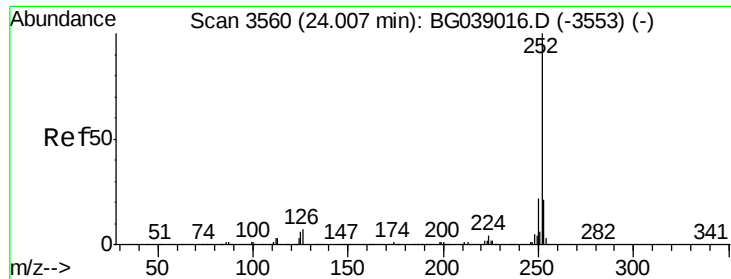
Tgt Ion:252 Resp: 860894

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	6.0	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

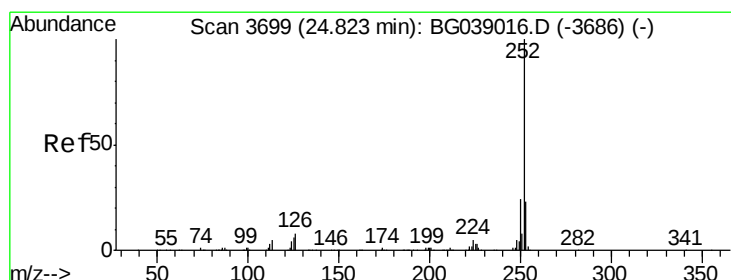
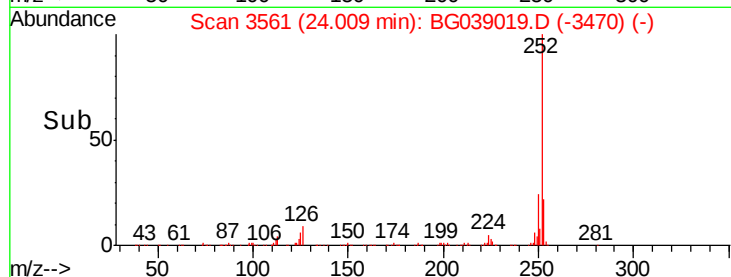
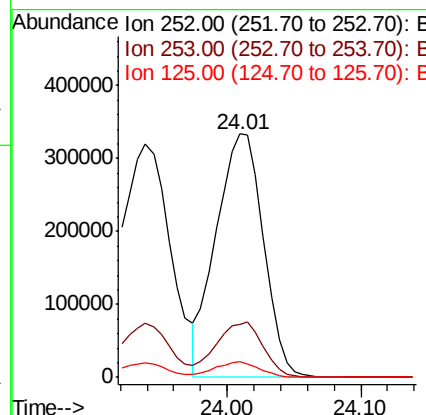
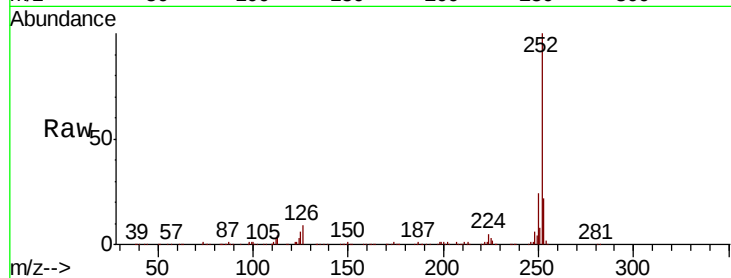




#89
Benzo(k)fluoranthene
Concen: 77.934 ng
RT: 24.01 min Scan# 3561
Delta R.T. 0.00 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

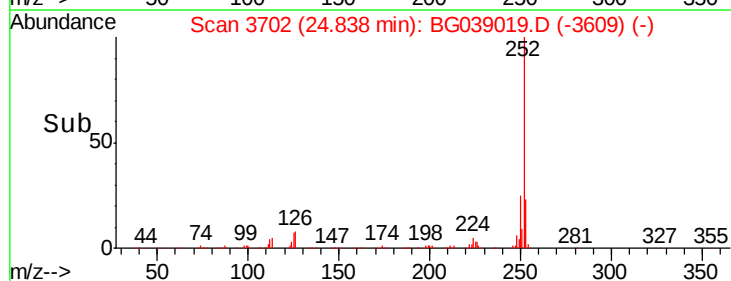
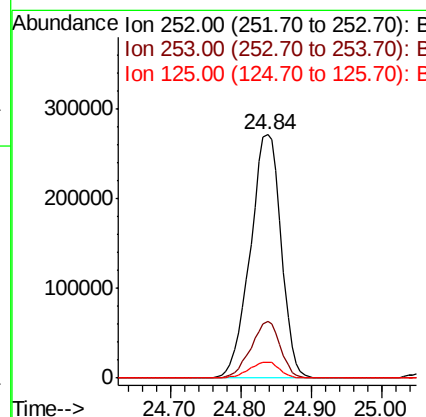
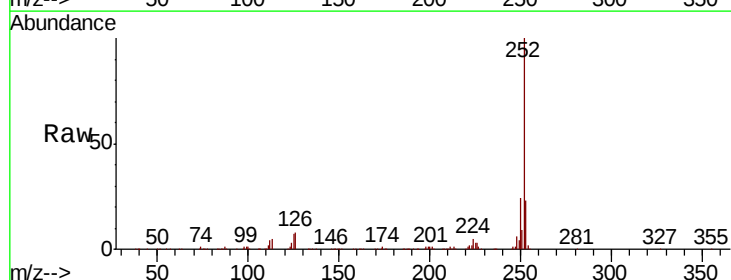
Instrument :
BNA_G
ClientSampleId :

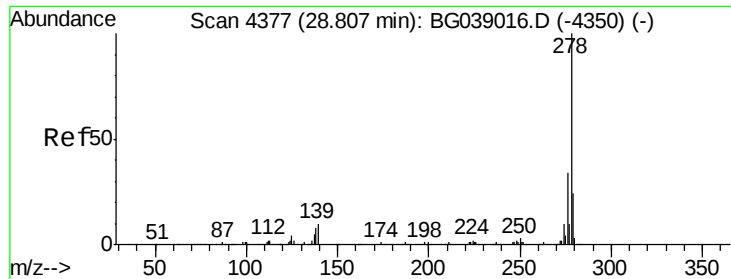
Tot Ion:252 Resp: 824577
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.2 4.6 7.0



#90
Benzo(a)pyrene
Concen: 80.727 ng
RT: 24.84 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion:252 Resp: 827503
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 6.7 4.9 7.3



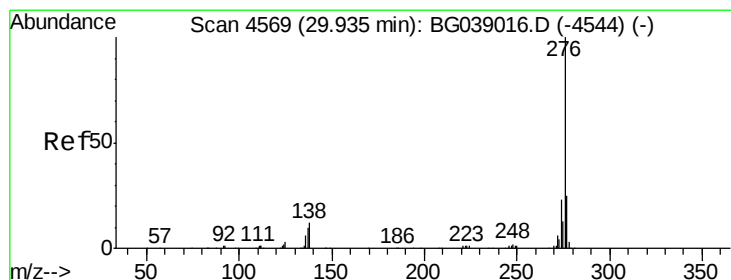
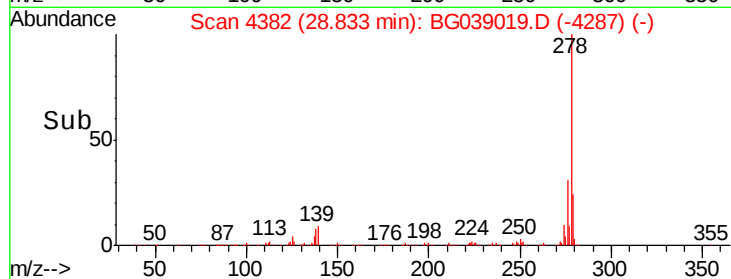
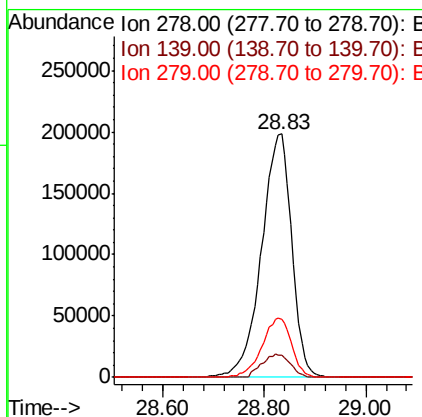
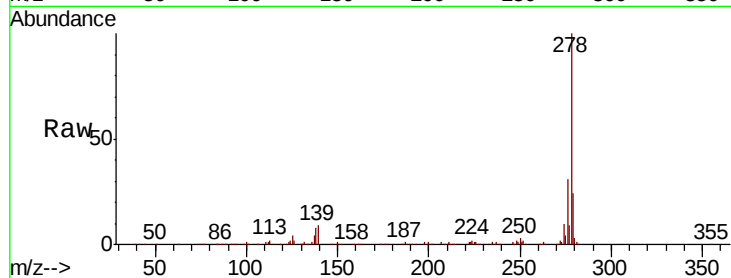


#91
Dibenzo(a,h)anthracene
Concen: 80.512 ng
RT: 28.83 min Scan# 4382
Delta R.T. 0.03 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 821731

Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.9	11.9
279	23.9	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 81.309 ng
RT: 29.96 min Scan# 4573
Delta R.T. 0.02 min
Lab File: BG039019.D
Acq: 9 Jan 2019 13:36

Tgt Ion:276 Resp: 817825

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.3	30.5
138	12.1	9.4	14.2

