

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
 Data File : BG039699.D
 Acq On : 1 Mar 2019 22:57
 Operator : JU/SJ
 Sample : K1665-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200051MS

Quant Time: Mar 02 03:14:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55274	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	232409	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	151310	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	339527	20.00	ng	0.00
76) Chrysene-d12	21.82	240	350379	20.00	ng	0.00
87) Perylene-d12	25.20	264	364893	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	430283	133.23	ng	0.00
7) Phenol-d6	7.31	99	574784	120.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	415197	111.61	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	240496	147.60	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	934164	88.57	ng	0.00
79) Terphenyl-d14	20.13	244	1426589	86.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	47596	33.692	ng	# 22
3) Pyridine	4.02	79	126741	33.886	ng	97
4) n-Nitrosodimethylamine	3.92	42	75123	40.161	ng	# 94
6) Aniline	7.50	93	76847	12.906	ng	98
8) 2-Chlorophenol	7.73	128	154758	43.838	ng	98
9) Benzaldehyde	7.31	77	123414	59.894	ng	98
10) Phenol	7.34	94	186168	37.568	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	157915	40.328	ng	99
12) 1,3-Dichlorobenzene	8.05	146	167397	39.143	ng	96
13) 1,4-Dichlorobenzene	8.20	146	171309	40.189	ng	97
14) 1,2-Dichlorobenzene	8.52	146	165633	40.139	ng	99
15) Benzyl Alcohol	8.41	79	154749	41.464	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	310534	35.118	ng	99
17) 2-Methylphenol	8.60	107	136895	42.689	ng	93
18) Hexachloroethane	9.25	117	62098	42.345	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	131070	38.846	ng	93
20) 3+4-Methylphenols	8.93	107	186780	42.296	ng	98
22) Acetophenone	8.99	105	250496	40.125	ng	# 95
24) Nitrobenzene	9.39	77	198695	49.438	ng	96
25) Isophorone	9.90	82	379071	45.981	ng	98
26) 2-Nitrophenol	10.09	139	93732	56.340	ng	# 94
27) 2,4-Dimethylphenol	10.14	122	160815	48.222	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	227209	44.745	ng	99
29) 2,4-Dichlorophenol	10.63	162	171098	46.943	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	178530	43.628	ng	98
31) Naphthalene	11.04	128	534745	46.380	ng	99
32) Benzoic acid	10.24	122	42167	24.701	ng	95
33) 4-Chloroaniline	11.15	127	13551	2.535	ng	# 96
34) Hexachlorobutadiene	11.30	225	116378	42.765	ng	94
35) Caprolactam	11.93	113	35269	23.384	ng	95
36) 4-Chloro-3-methylphenol	12.25	107	181965	43.168	ng	98
37) 2-Methylnaphthalene	12.63	142	386736	45.288	ng	97
38) 1-Methylnaphthalene	12.85	142	372527	45.255	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	212276	44.093	ng	99

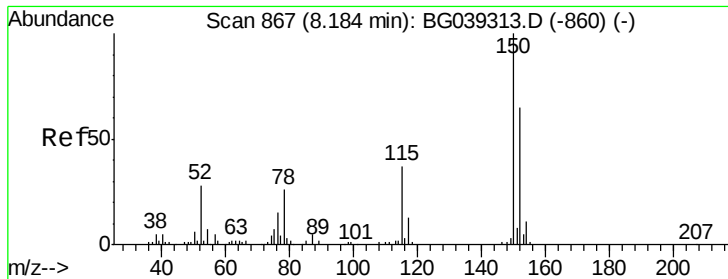
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
 Data File : BG039699.D
 Acq On : 1 Mar 2019 22:57
 Operator : JU/SJ
 Sample : K1665-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200051MS

Quant Time: Mar 02 03:14:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	241567	92.083	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	140191	47.361	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	147048	47.399	ng	99
46) 1,1'-Biphenyl	13.62	154	514261	40.849	ng	100
47) 2-Chloronaphthalene	13.68	162	400447	42.283	ng	98
48) 2-Nitroaniline	13.88	65	133760	48.964	ng	94
49) Acenaphthylene	14.52	152	634191	44.378	ng	98
50) Dimethylphthalate	14.23	163	517728	42.366	ng	99
51) 2,6-Dinitrotoluene	14.37	165	115169	50.094	ng	98
52) Acenaphthene	14.86	154	392431	42.305	ng	99
53) 3-Nitroaniline	14.70	138	20428	13.082	ng	# 86
54) 2,4-Dinitrophenol	14.90	184	48948	56.654	ng	99
55) Dibenzofuran	15.19	168	627483	42.190	ng	99
56) 4-Nitrophenol	14.99	139	148547	68.154	ng	95
57) 2,4-Dinitrotoluene	15.15	165	157859	52.987	ng	89
58) Fluorene	15.83	166	495199	44.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	136445	46.972	ng	98
60) Diethylphthalate	15.59	149	514873	40.750	ng	100
61) 4-Chlorophenyl-phenylether	15.82	204	260086	41.429	ng	98
62) 4-Nitroaniline	15.87	138	112429	44.234	ng	95
63) Azobenzene	16.11	77	466711	37.792	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	61870	46.754	ng	95
66) n-Nitrosodiphenylamine	16.04	169	445952	43.196	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	165510	43.941	ng	96
68) Hexachlorobenzene	16.82	284	170370	45.082	ng	98
69) Atrazine	16.97	200	157148	41.653	ng	96
70) Pentachlorophenol	17.17	266	174581	66.468	ng	98
71) Phenanthrene	17.58	178	804637	45.788	ng	97
72) Anthracene	17.66	178	802635	46.370	ng	99
73) Carbazole	17.94	167	723266	41.869	ng	98
74) Di-n-butylphthalate	18.47	149	853853	42.369	ng	99
75) Fluoranthene	19.57	202	959872	47.060	ng	99
77) Benzidine	19.76	184	56550	4.923	ng	99
78) Pyrene	19.94	202	981558	45.001	ng	99
80) Butylbenzylphthalate	20.80	149	421135	45.770	ng	97
81) Benzo(a)anthracene	21.80	228	955079	46.131	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	86343	11.247	ng	98
83) Chrysene	21.87	228	906751	46.008	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	574280	43.749	ng	99
85) Di-n-octyl phthalate	22.92	149	988379	45.576	ng	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1045437	49.440	ng	# 96
88) Benzo(b)fluoranthene	24.12	252	948687	47.674	ng	99
89) Benzo(k)fluoranthene	24.19	252	896982	44.897	ng	99
90) Benzo(a)pyrene	25.04	252	916379	47.816	ng	99
91) Dibenzo(a,h)anthracene	29.15	278	828118	46.140	ng	99
92) Benzo(g,h,i)perylene	30.31	276	859439	48.043	ng	98

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

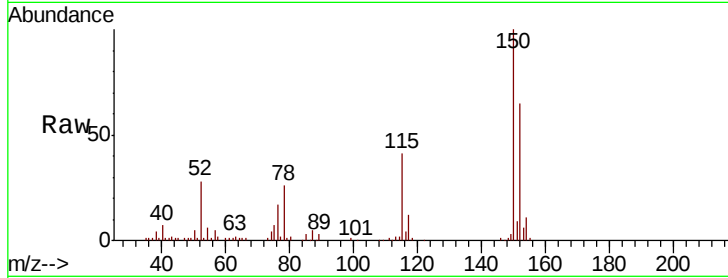


#1

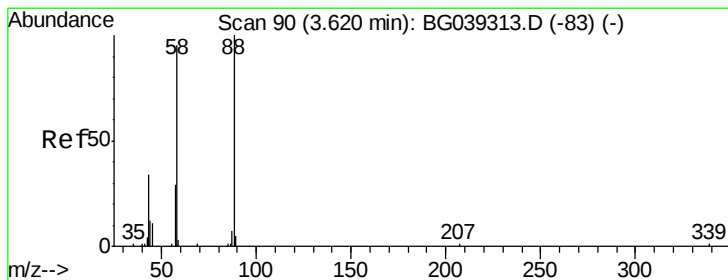
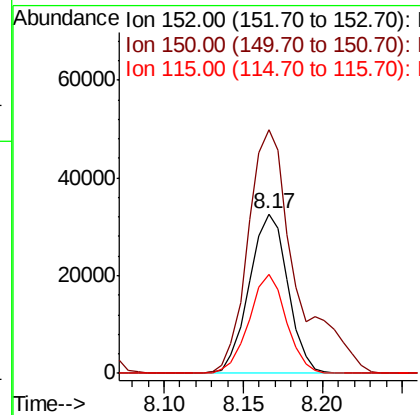
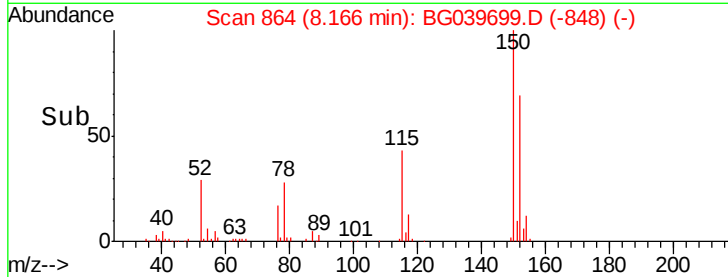
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:152 Resp: 55274
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 62.0 45.9 68.9



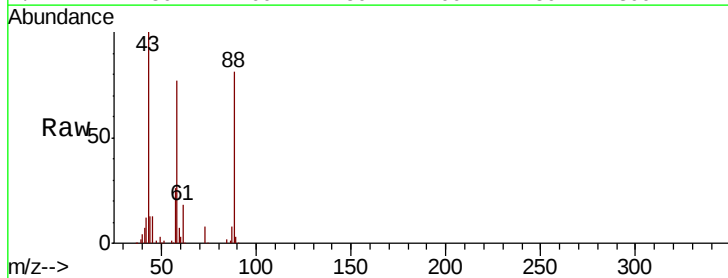
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



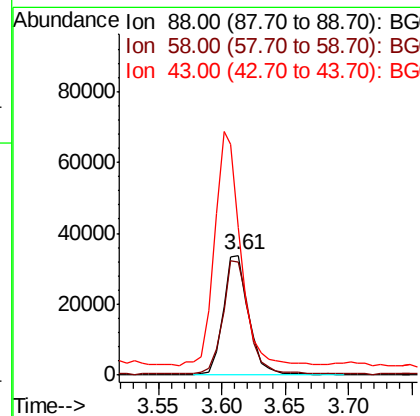
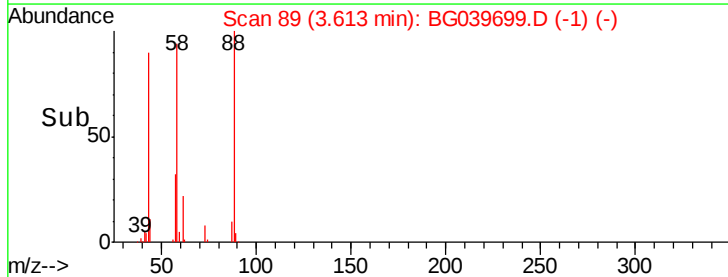
#2

1,4-Dioxane
Concen: 33.692 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion: 88 Resp: 47596
Ion Ratio Lower Upper
88 100
58 93.9 81.1 121.7
43 198.2 31.4 47.0#



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

Pyridine

Concen: 33.886 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.01 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

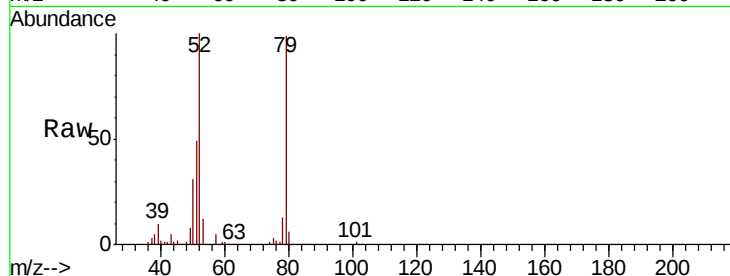
Tgt Ion: 79 Resp: 126741

Ion Ratio Lower Upper

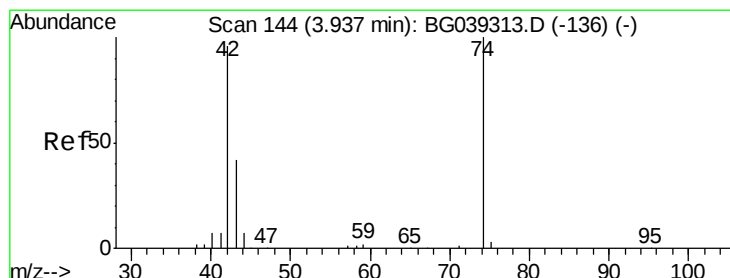
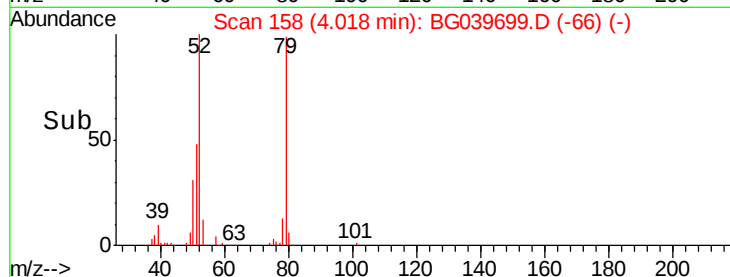
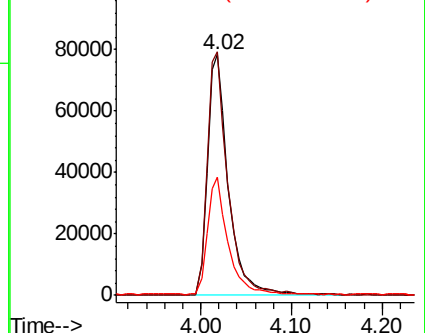
79 100

52 101.1 82.6 124.0

51 49.3 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 40.161 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

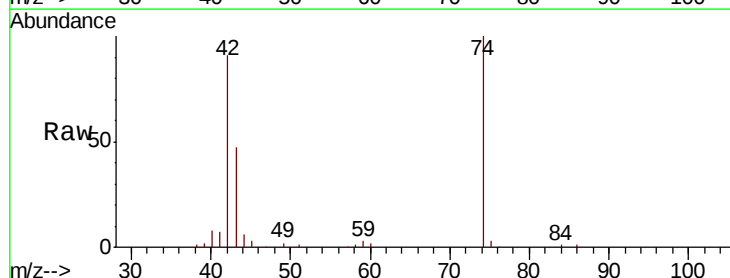
Tgt Ion: 42 Resp: 75123

Ion Ratio Lower Upper

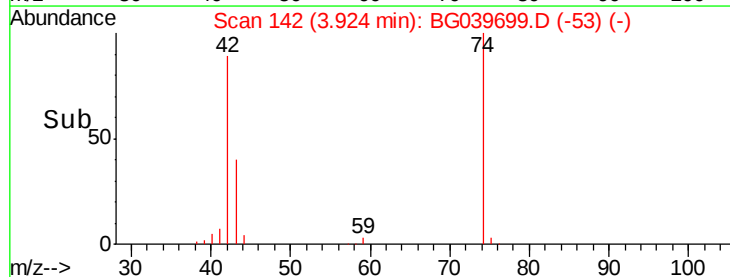
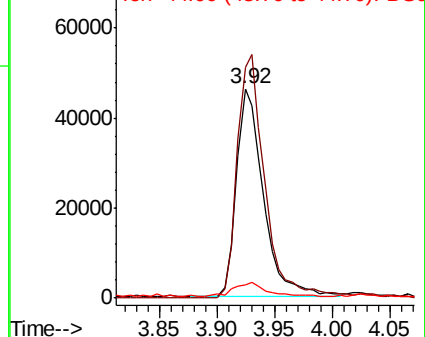
42 100

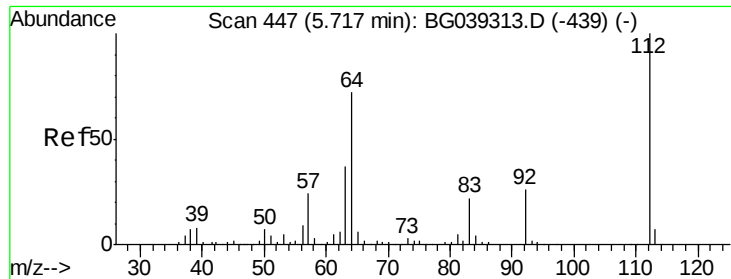
74 110.5 83.6 125.4

44 6.6 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 133.233 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

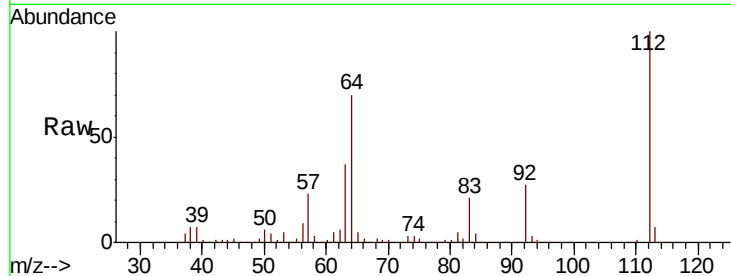
Tgt Ion: 112 Resp: 430283

Ion Ratio Lower Upper

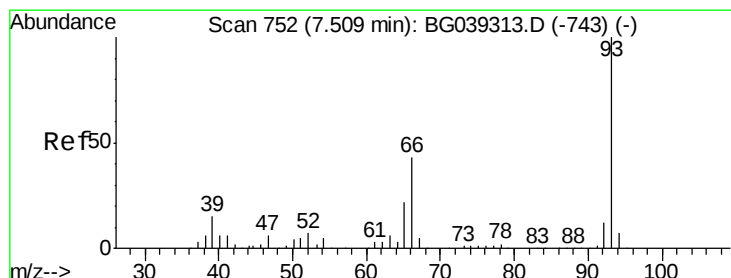
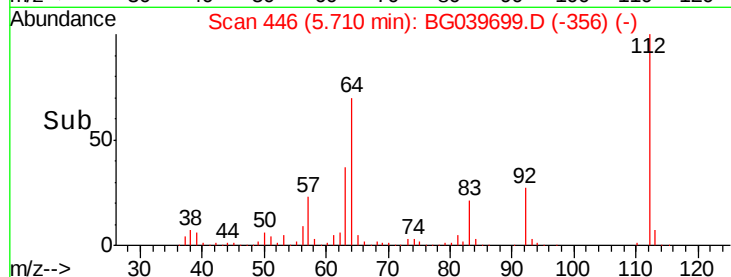
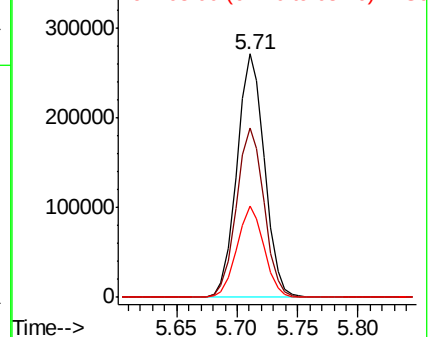
112 100

64 69.6 57.8 86.8

63 37.3 29.8 44.6



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



#6

Aniline

Concen: 12.906 ng

RT: 7.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

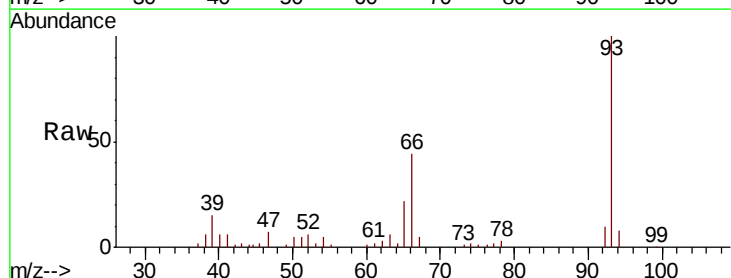
Tgt Ion: 93 Resp: 76847

Ion Ratio Lower Upper

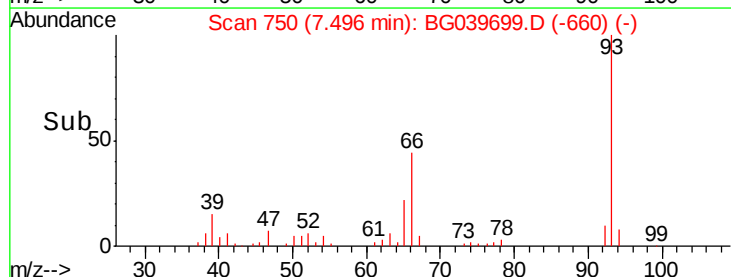
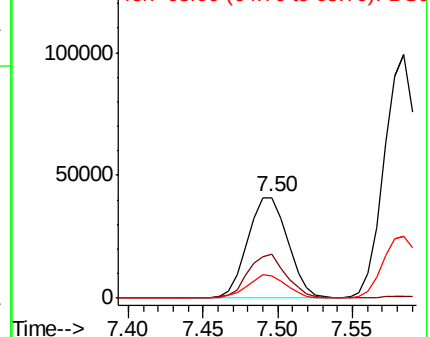
93 100

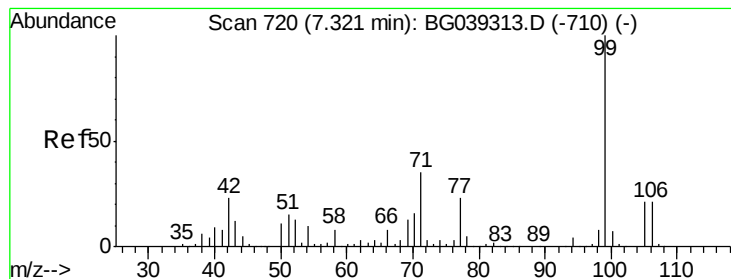
66 44.1 34.2 51.4

65 21.8 17.7 26.5



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





#7

Phenol-d6

Concen: 120.910 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

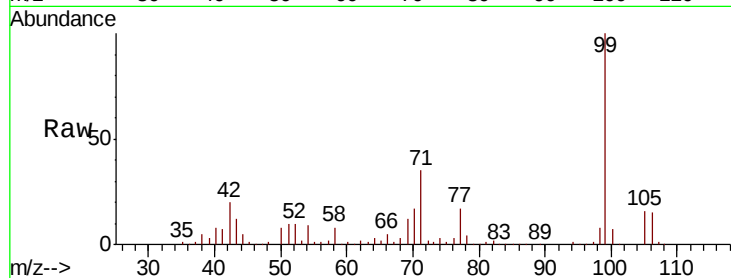
Tgt Ion: 99 Resp: 574784

Ion Ratio Lower Upper

99 100

42 20.5 18.2 27.2

71 35.3 28.0 42.0

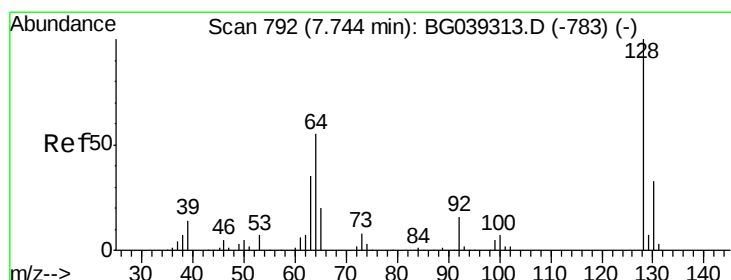
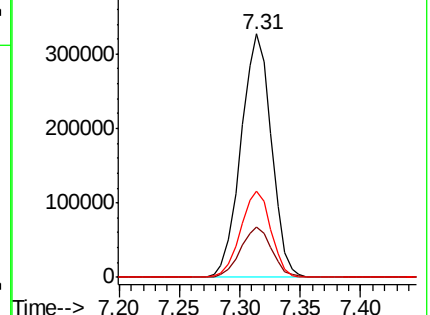
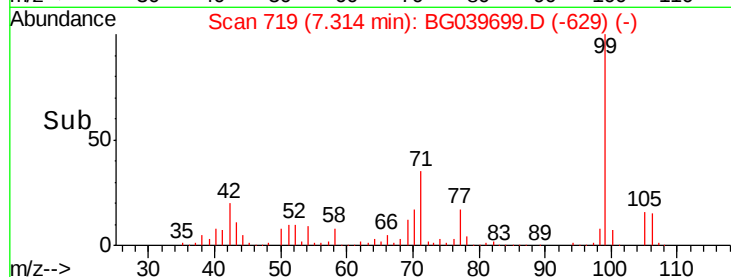


Abundance

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: 43.838 ng

RT: 7.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

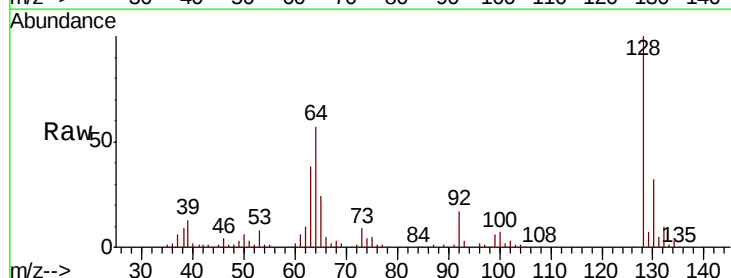
Tgt Ion: 128 Resp: 154758

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 56.7 38.7 78.7

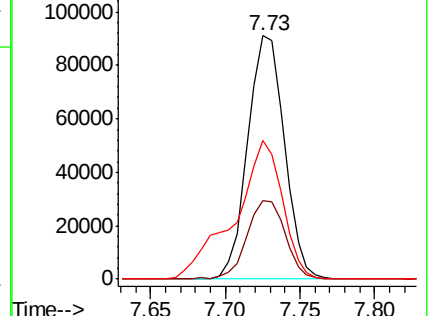
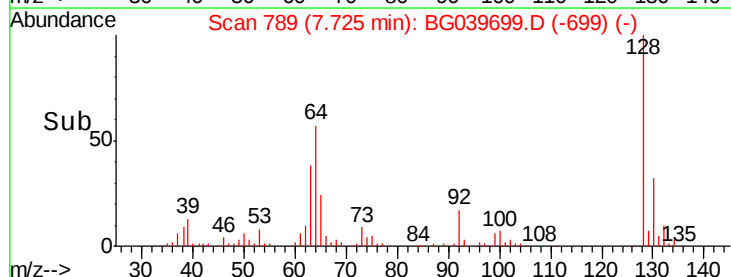


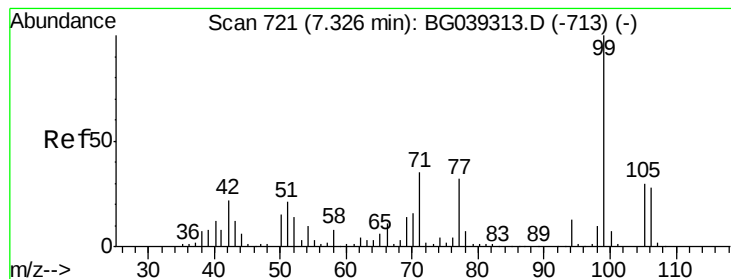
Abundance

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: 59.894 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

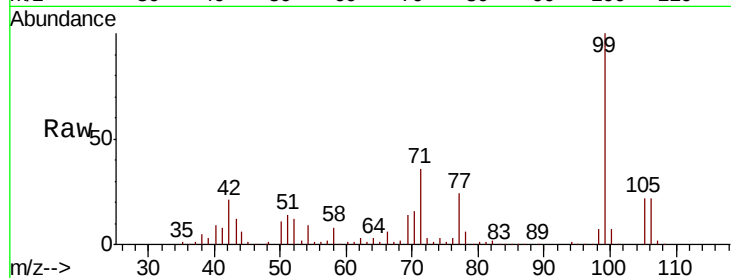
Tgt Ion: 77 Resp: 123414

Ion Ratio Lower Upper

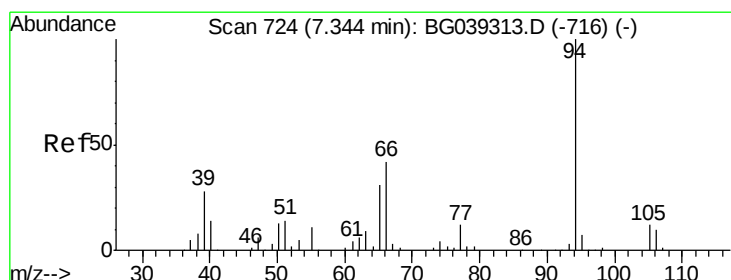
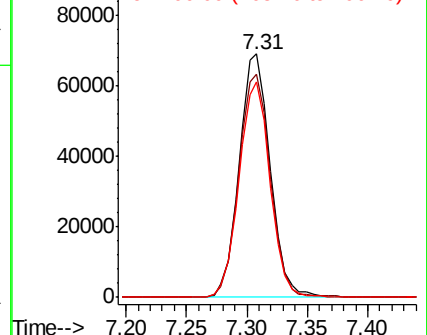
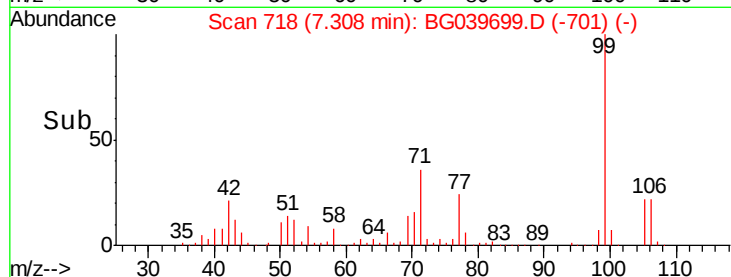
77 100

105 91.7 74.5 114.5

106 88.6 68.0 108.0



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: 37.568 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

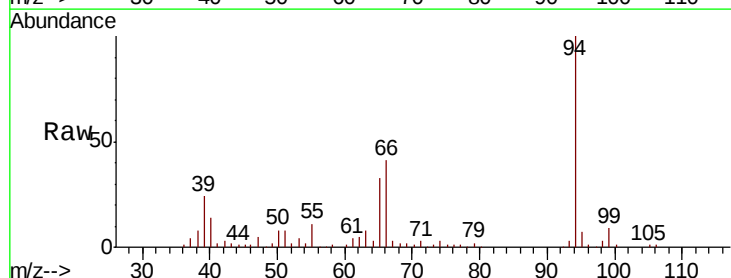
Tgt Ion: 94 Resp: 186168

Ion Ratio Lower Upper

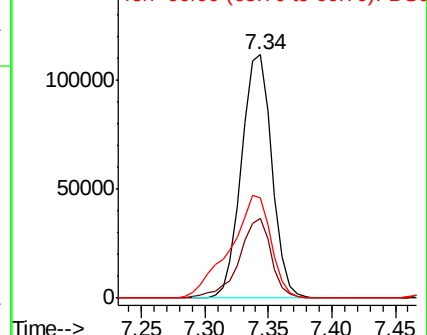
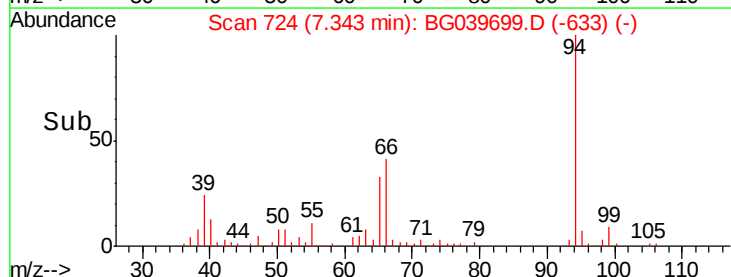
94 100

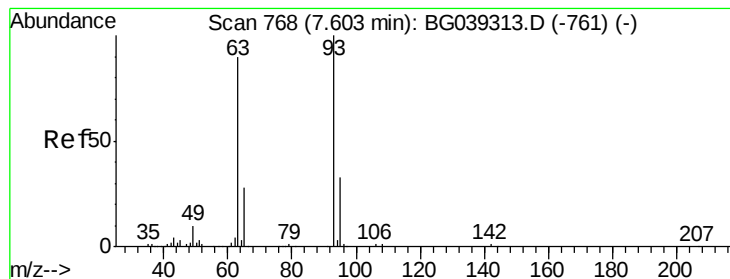
65 33.0 11.7 51.7

66 41.4 23.7 63.7



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: 40.328 ng

RT: 7.58 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

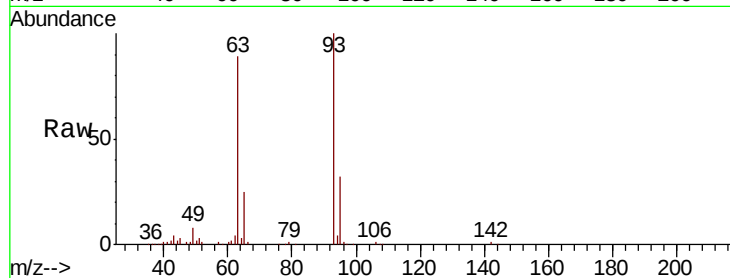
Tgt Ion: 93 Resp: 157915

Ion Ratio Lower Upper

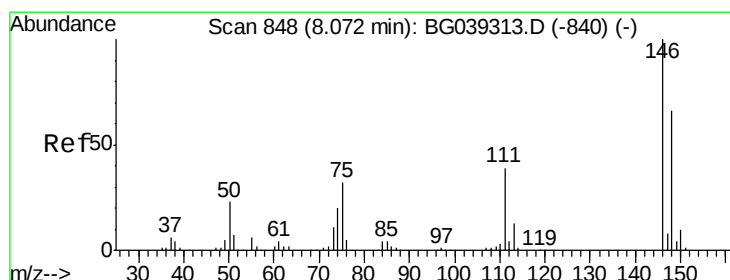
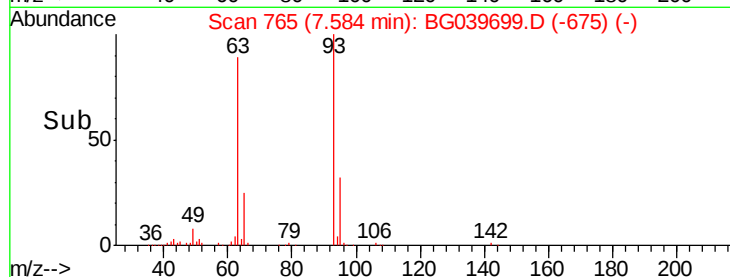
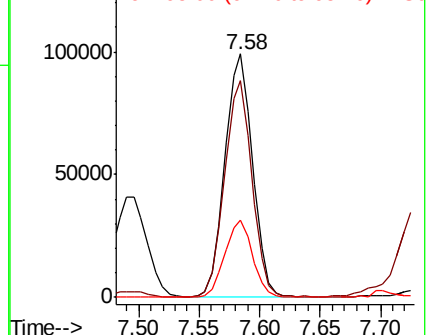
93 100

63 88.9 69.5 109.5

95 31.6 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 39.143 ng

RT: 8.05 min Scan# 845

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

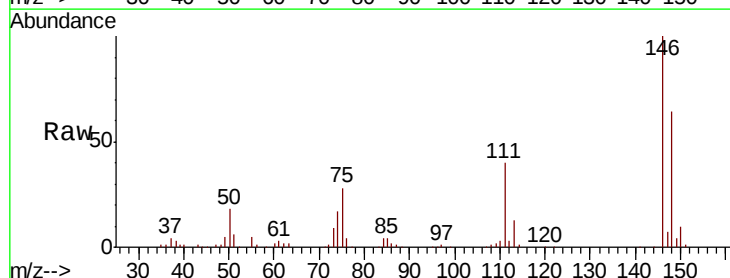
Tgt Ion: 146 Resp: 167397

Ion Ratio Lower Upper

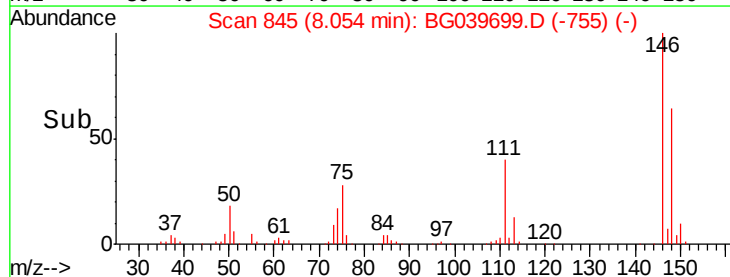
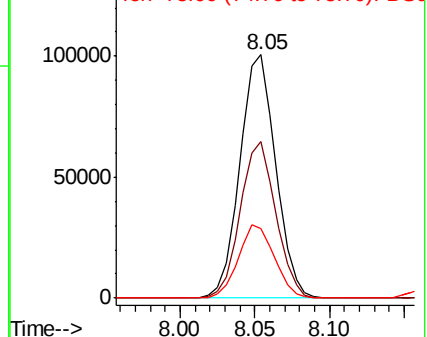
146 100

148 64.3 52.6 79.0

75 28.4 25.8 38.6



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





#13

1,4-Dichlorobenzene

Concen: 40.189 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

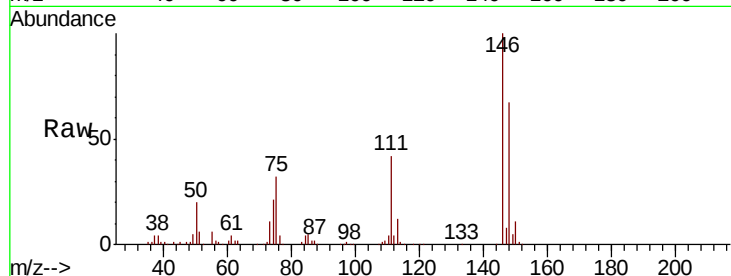
Tgt Ion:146 Resp: 171309

Ion Ratio Lower Upper

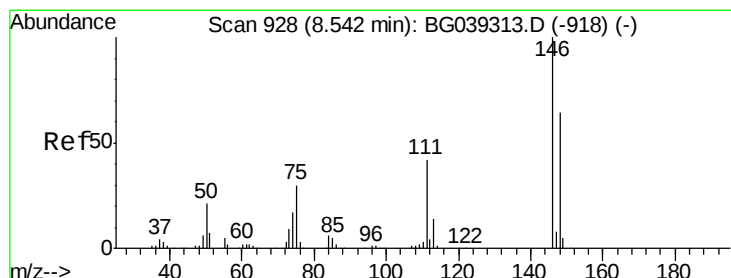
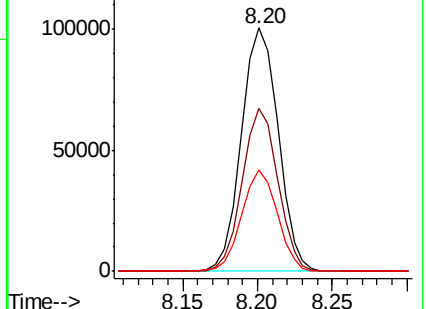
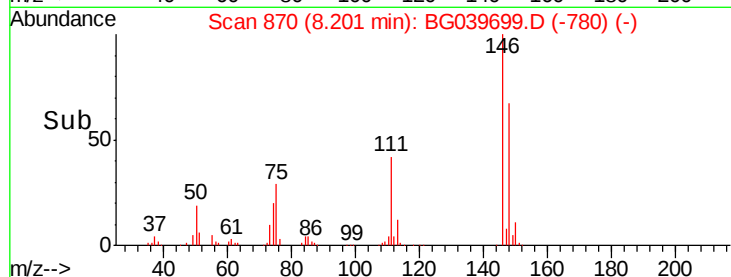
146 100

148 66.9 51.1 76.7

111 41.7 32.6 48.8



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: 40.139 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

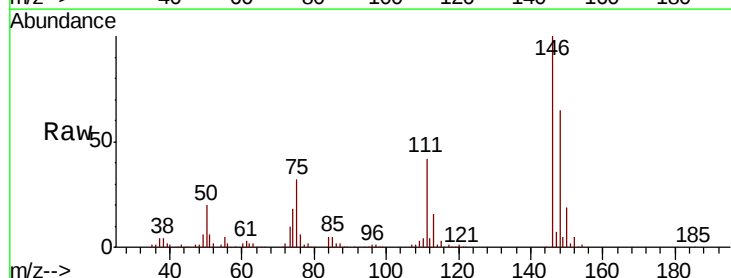
Tgt Ion:146 Resp: 165633

Ion Ratio Lower Upper

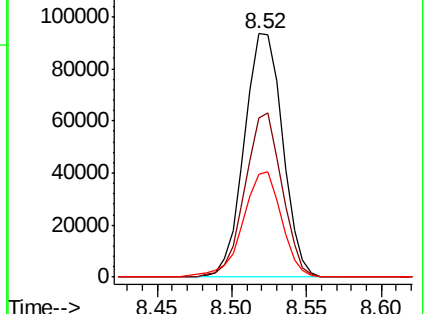
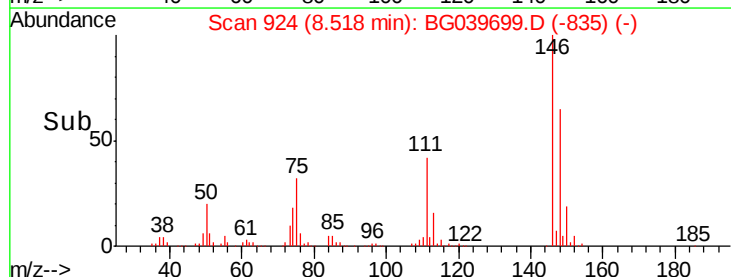
146 100

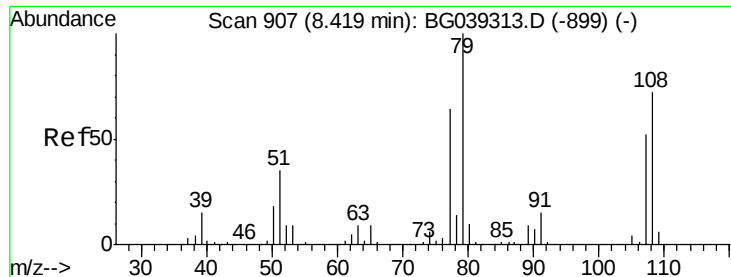
148 65.2 51.5 77.3

111 42.4 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 41.464 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

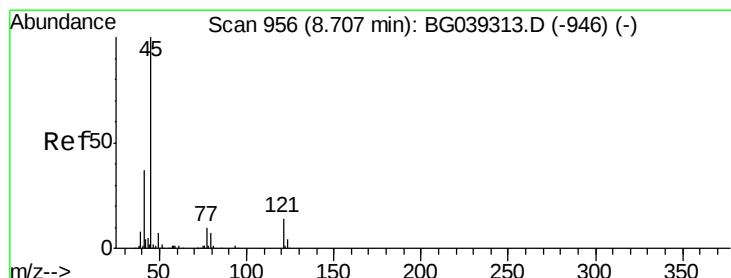
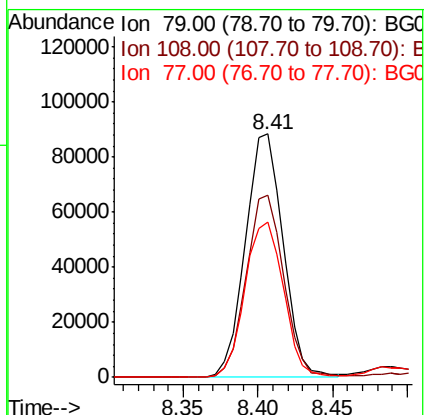
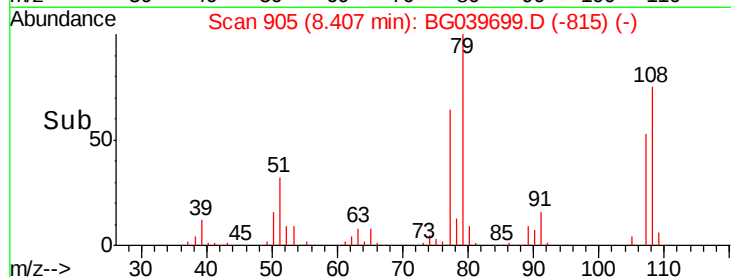
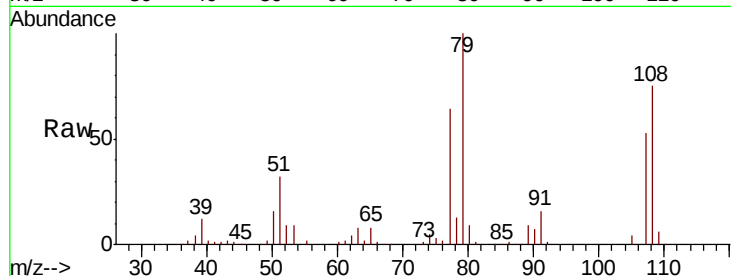
Tgt Ion: 79 Resp: 154749

Ion Ratio Lower Upper

79 100

108 74.7 57.8 86.6

77 63.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.118 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

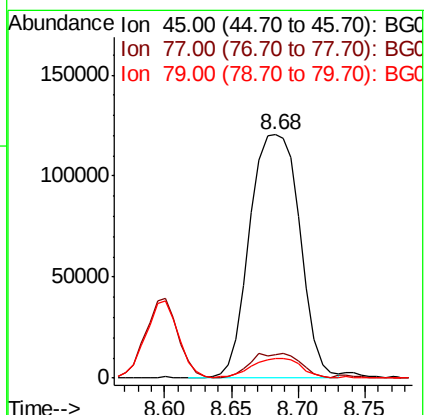
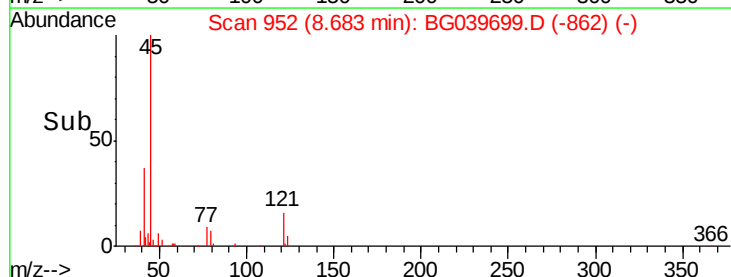
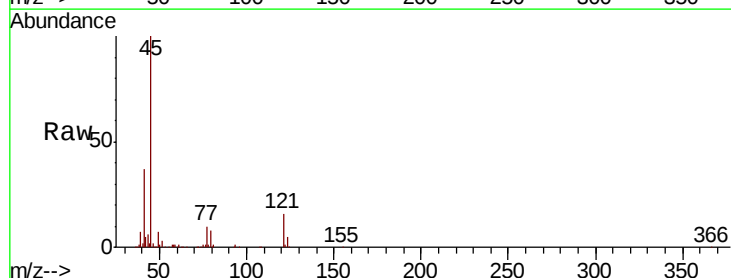
Tgt Ion: 45 Resp: 310534

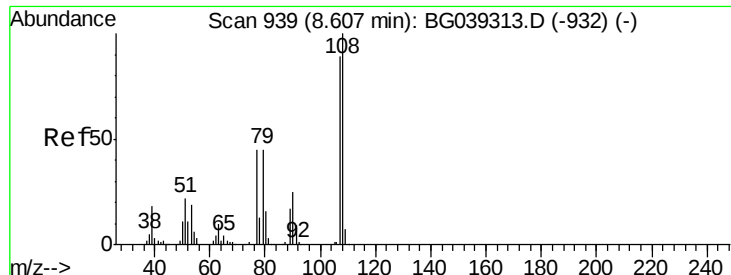
Ion Ratio Lower Upper

45 100

77 9.8 0.0 30.0

79 7.9 0.0 27.5

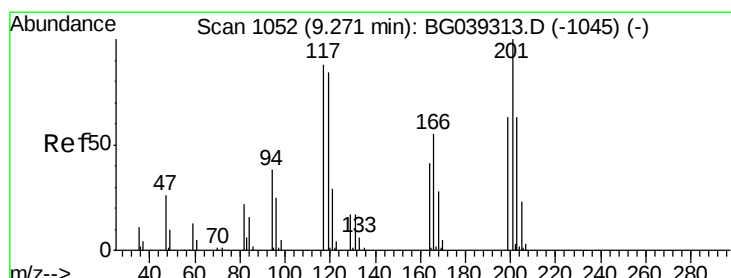
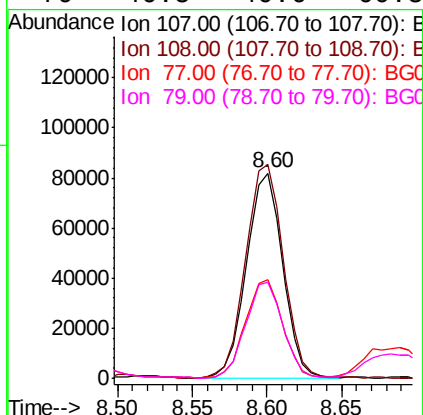
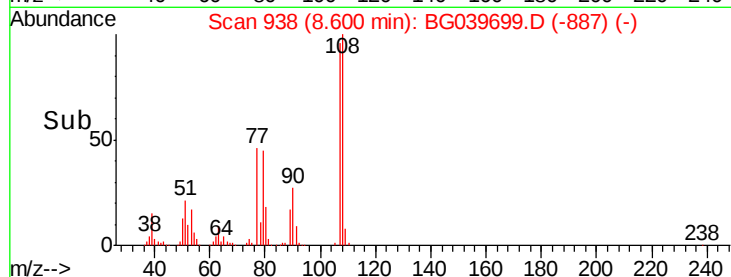
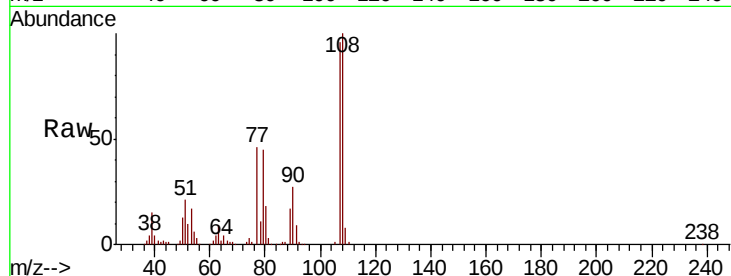




#17
2-Methylphenol
Concen: 42.689 ng
RT: 8.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

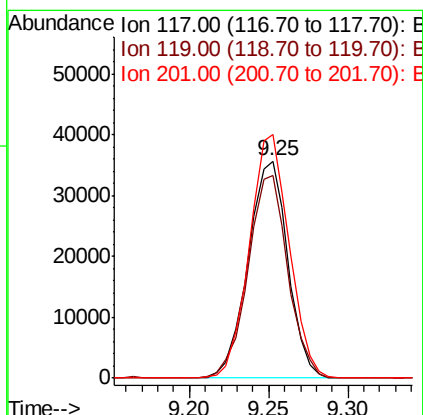
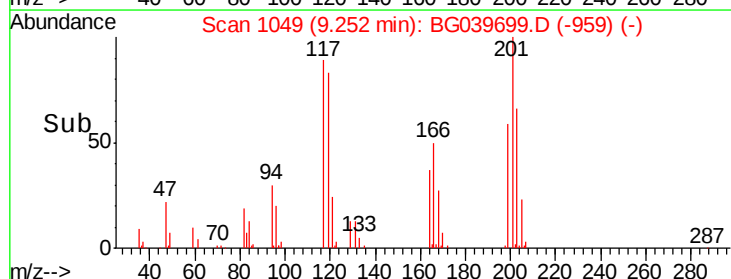
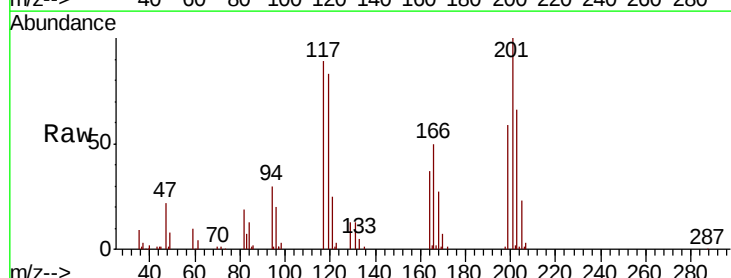
Instrument :
BNA_G
ClientSampleId :
200051MS

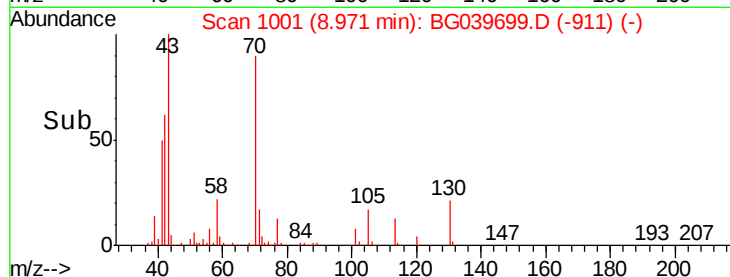
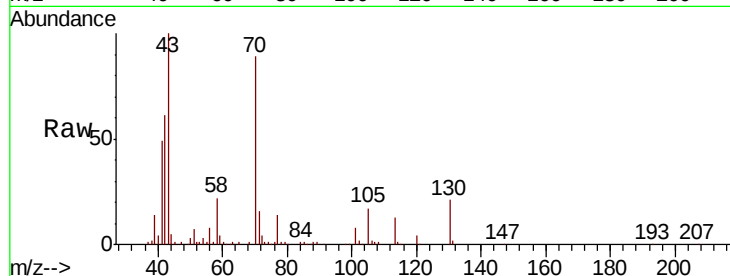
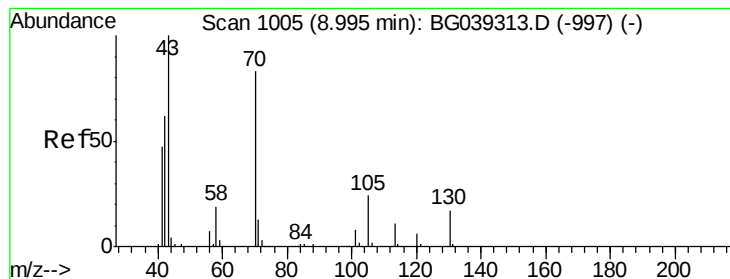
Tgt Ion:	107	Resp:	136895
Ion	Ratio	Lower	Upper
107	100		
108	104.0	90.8	136.2
77	48.1	40.7	61.1
79	46.5	40.6	60.8



#18
Hexachloroethane
Concen: 42.345 ng
RT: 9.25 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:	117	Resp:	62098
Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
201	112.2	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.846 ng

RT: 8.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

Tgt Ion: 70 Resp: 131070

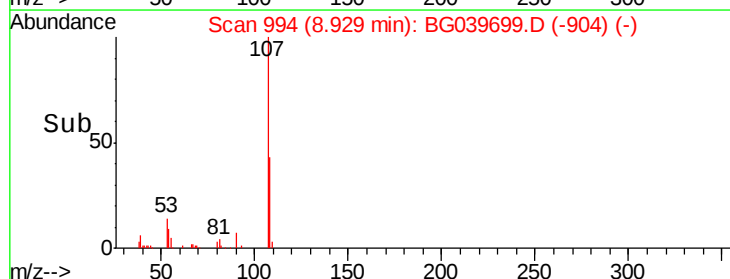
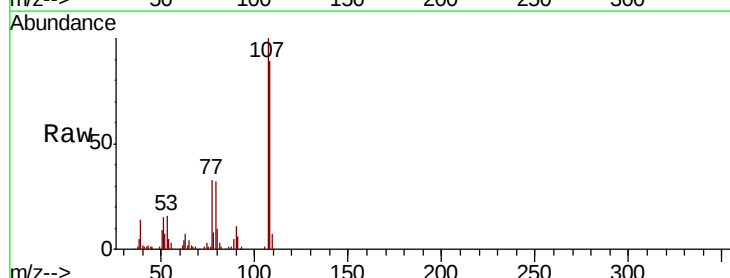
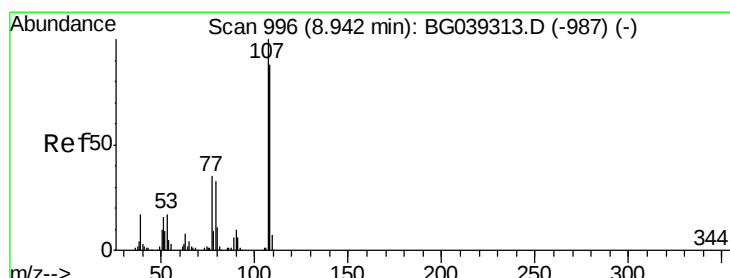
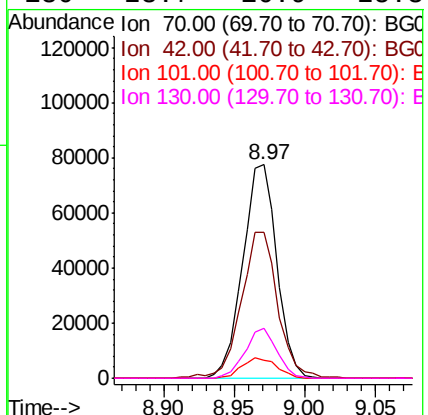
Ion Ratio Lower Upper

70 100

42 68.6 60.4 90.6

101 8.6 7.5 11.3

130 23.7 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.296 ng

RT: 8.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Tgt Ion: 107 Resp: 186780

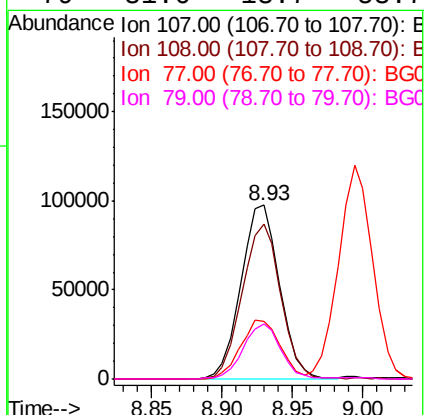
Ion Ratio Lower Upper

107 100

108 88.9 67.9 107.9

77 33.5 15.4 55.4

79 31.6 13.7 53.7

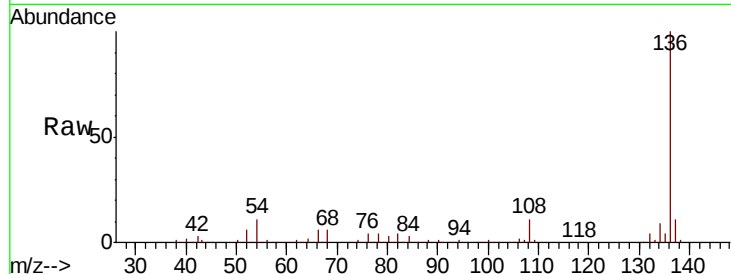




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:	136	Resp:	232409
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	11.1	9.4	14.2
68	5.5	4.2	6.4



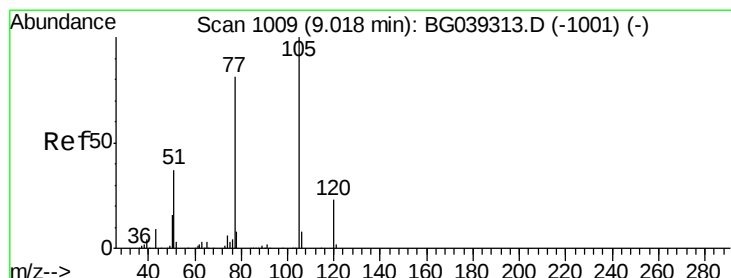
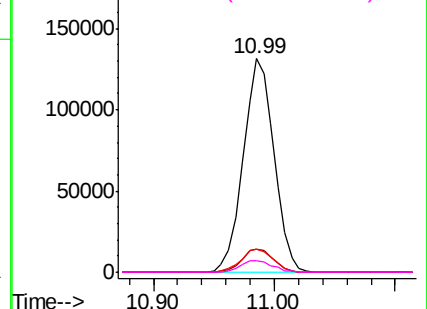
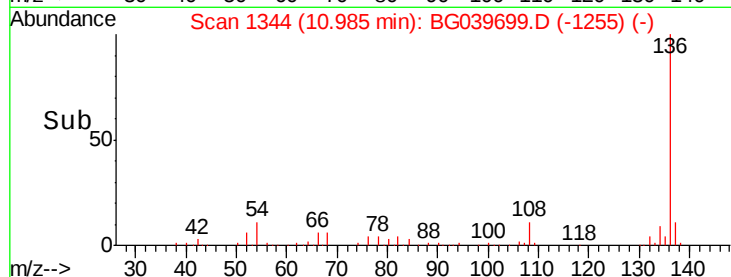
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

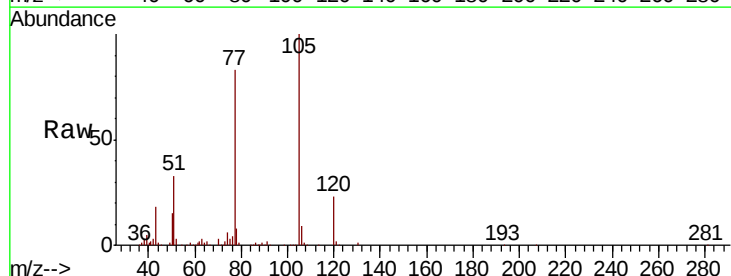
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.125 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:	105	Resp:	250496
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	33.4	30.2	45.2
120	22.8	18.0	27.0



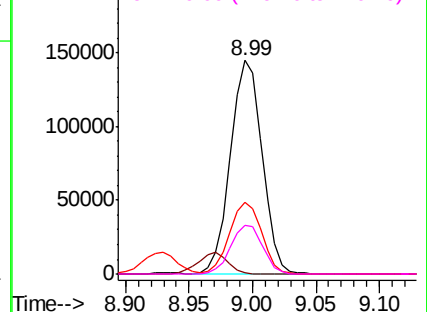
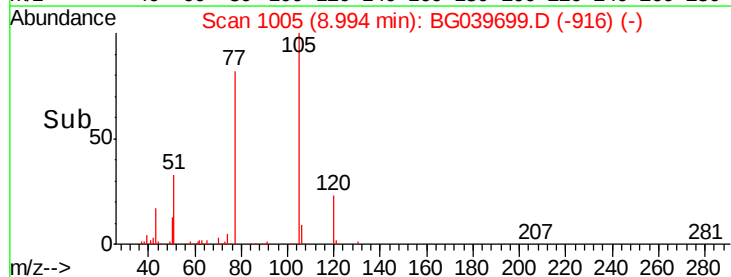
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

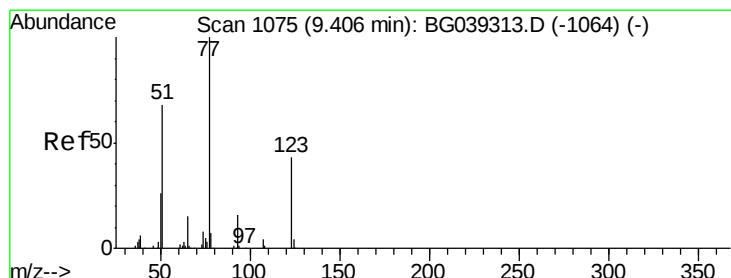
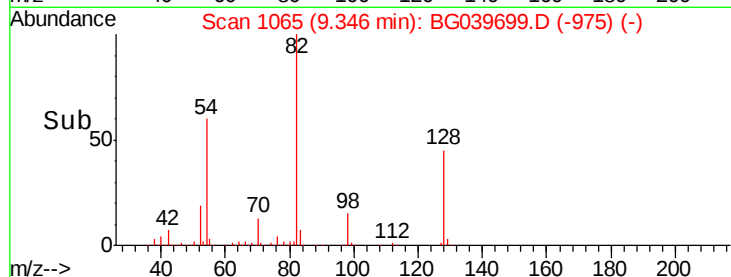
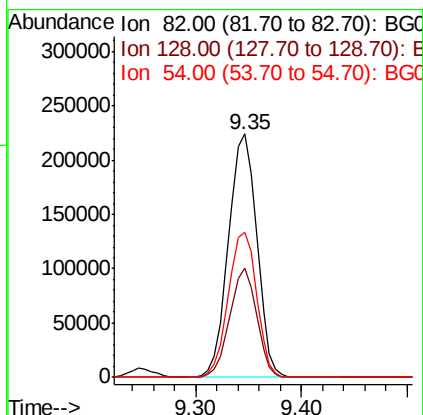
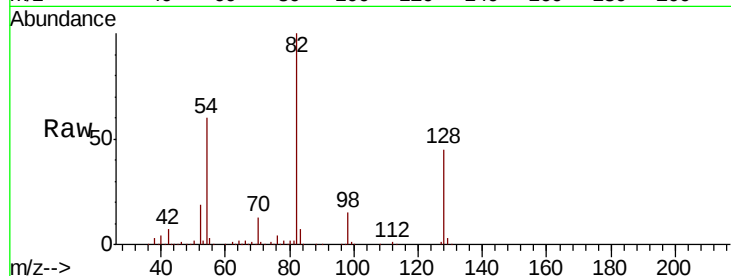




#23
 Nitrobenzene-d5
 Concen: 111.605 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

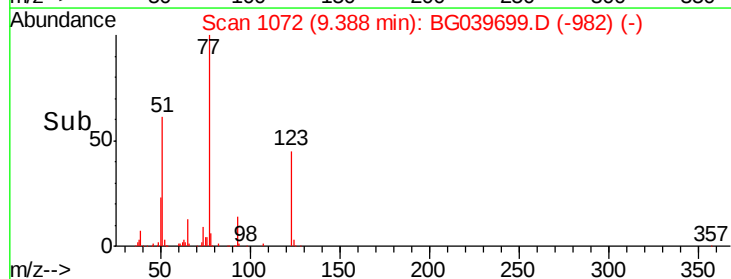
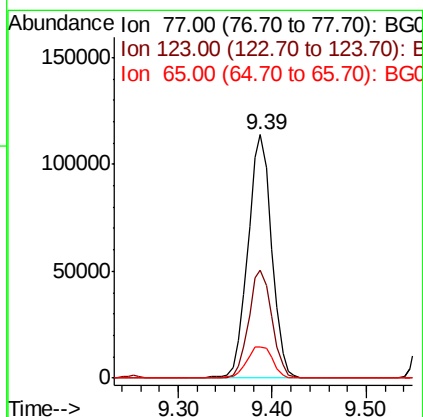
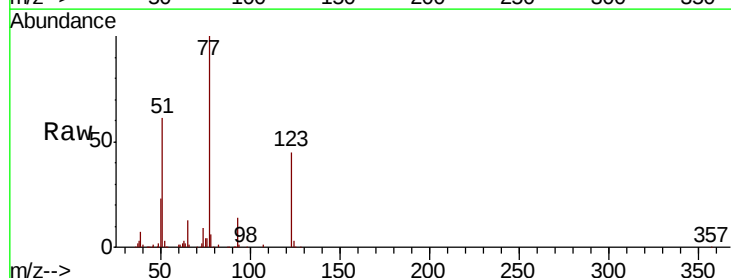
Instrument :
 BNA_G
 ClientSampleId :
 200051MS

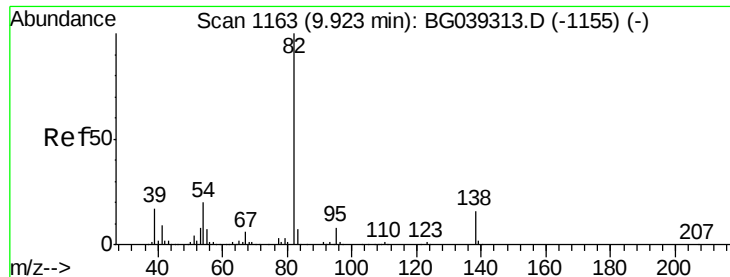
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	31.3	46.9
54	59.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 49.438 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.1	51.1
65	12.7	12.3	18.5





#25

Isophorone

Concen: 45.981 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

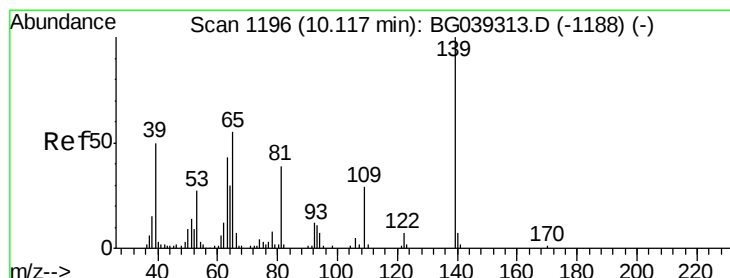
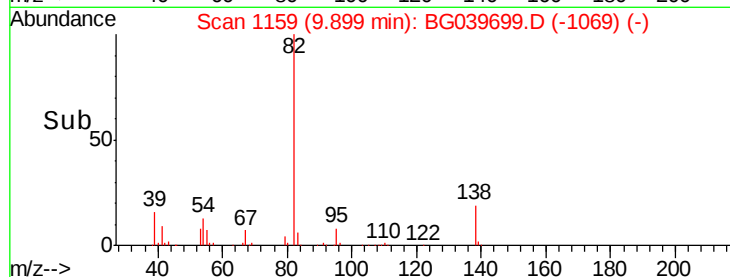
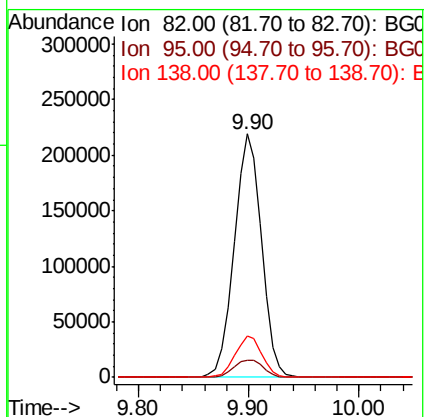
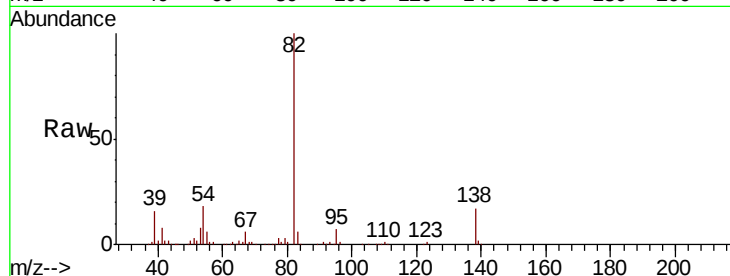
Tgt Ion: 82 Resp: 379071

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

138 17.2 13.0 19.4



#26

2-Nitrophenol

Concen: 56.340 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

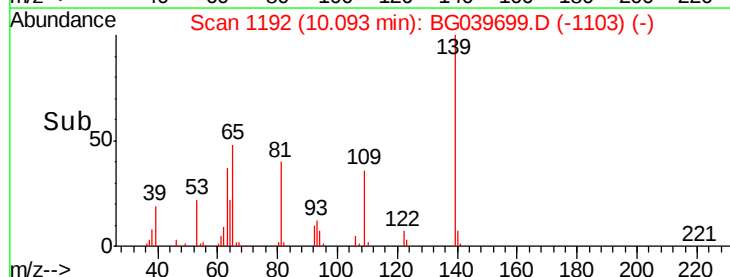
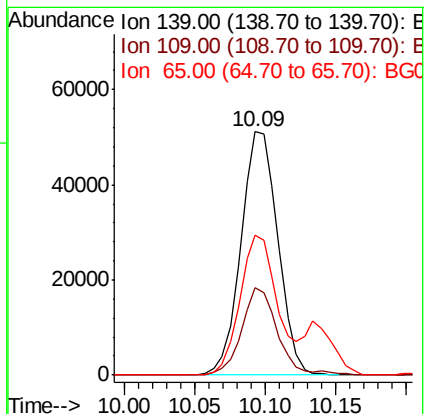
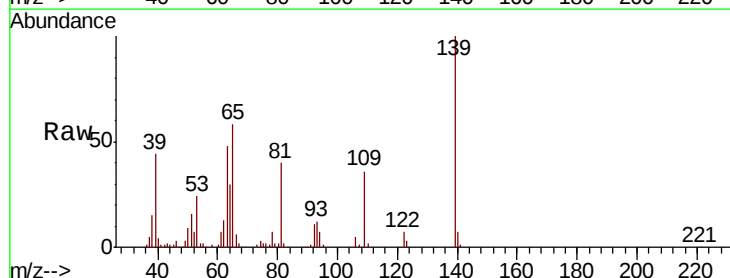
Tgt Ion: 139 Resp: 93732

Ion Ratio Lower Upper

139 100

109 35.7 23.4 35.0#

65 57.6 44.3 66.5

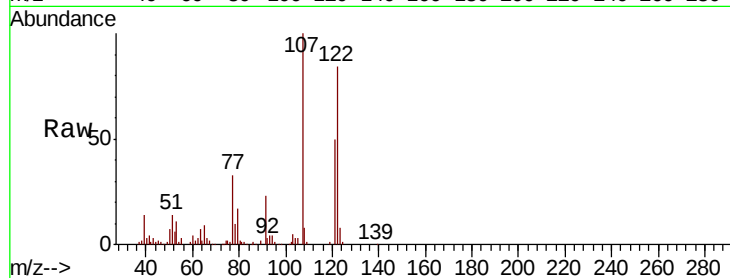




#27
2,4-Dimethylphenol
Concen: 48.222 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.7	91.7	137.5
121	59.3	46.4	69.6

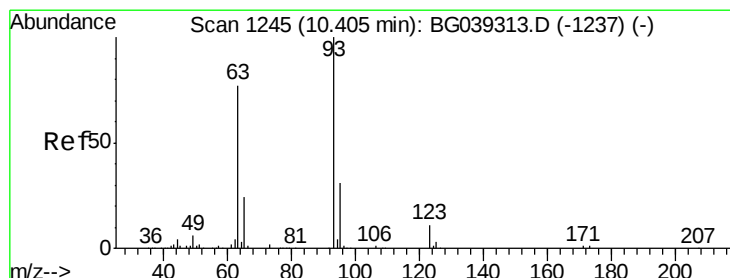
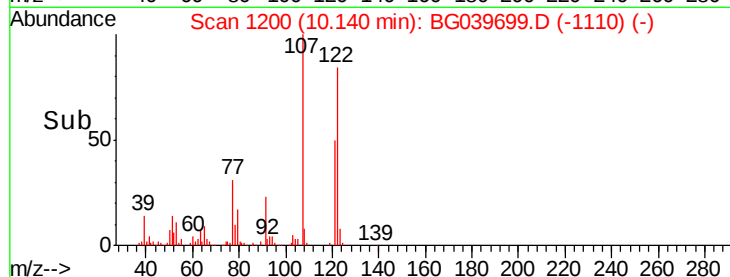
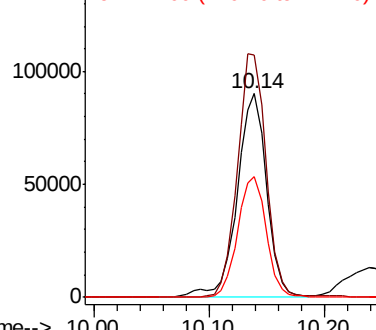


Abundance

Ion 122.00 (121.70 to 122.70): E

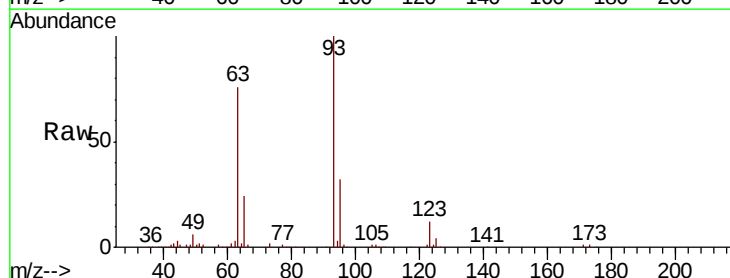
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 44.745 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.0	37.4
123	11.7	8.6	12.8

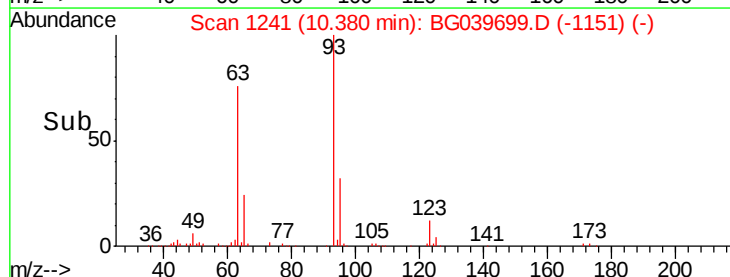
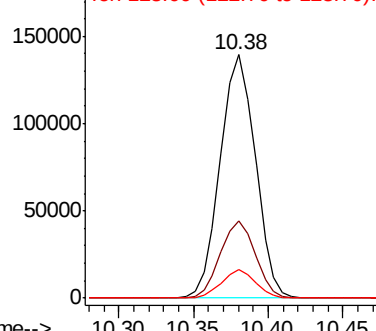


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

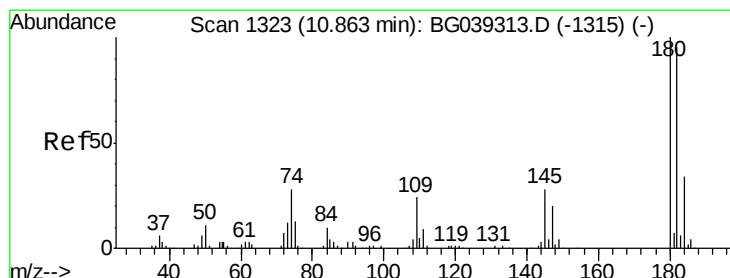
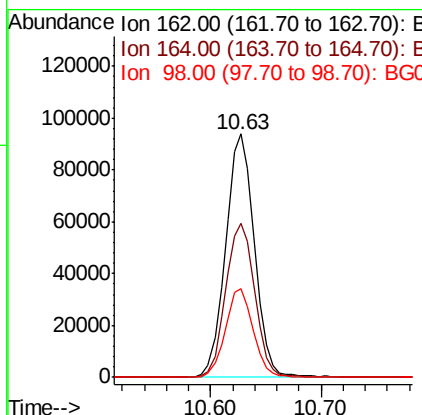
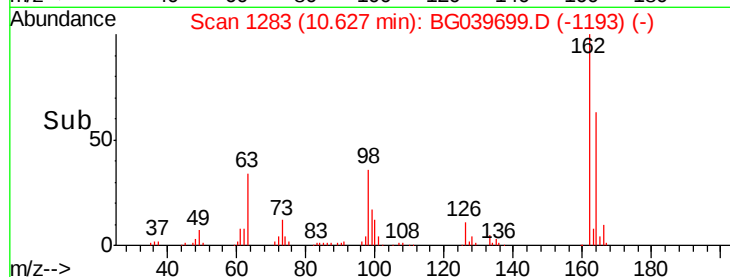
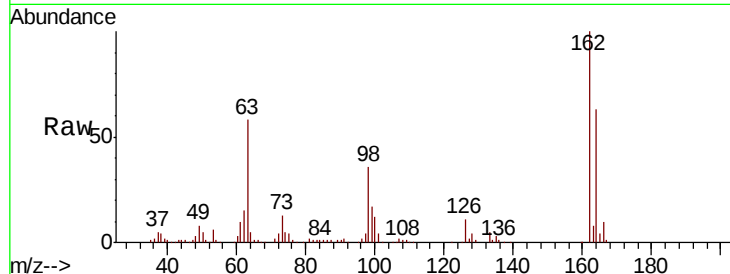




#29
 2,4-Dichlorophenol
 Concen: 46.943 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

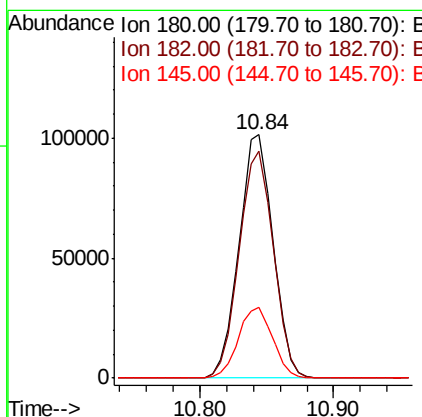
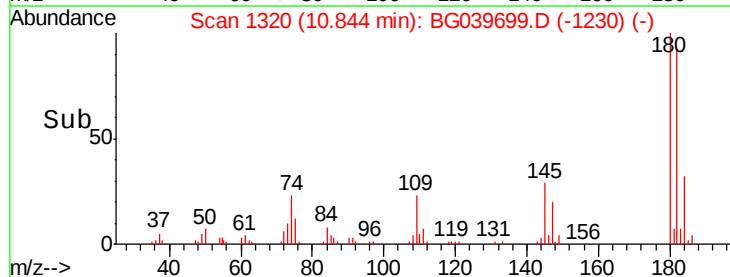
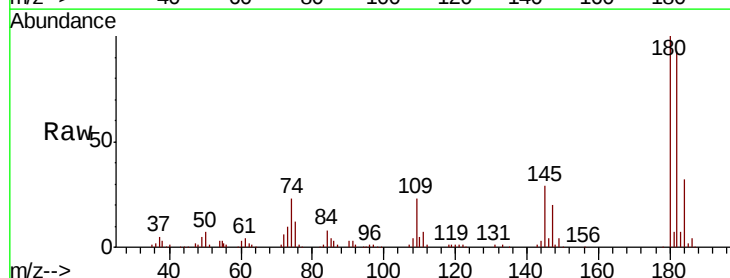
Instrument :
 BNA_G
 ClientSampleId :
 200051MS

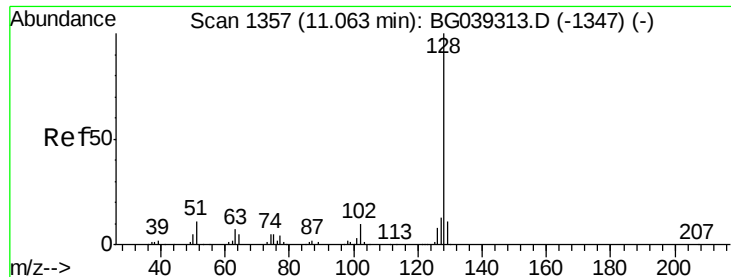
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	48.1	88.1
98	36.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.628 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.0	114.0
145	29.1	22.7	34.1

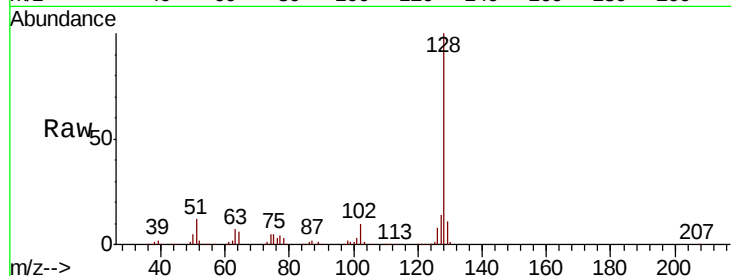




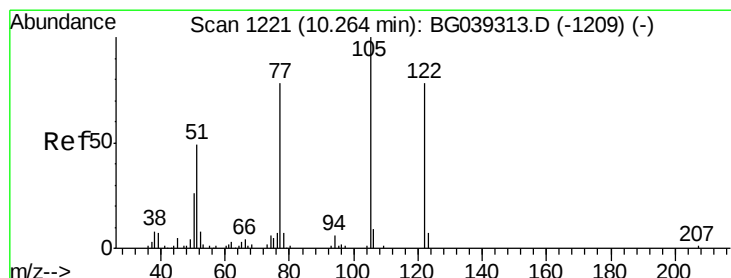
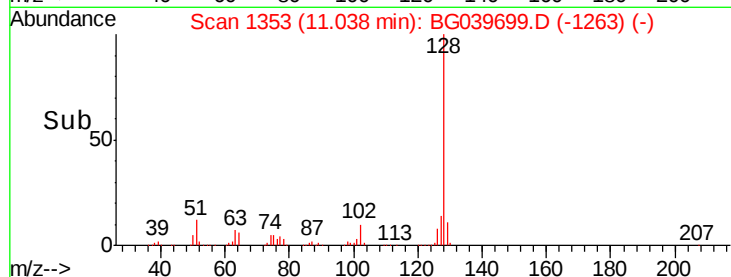
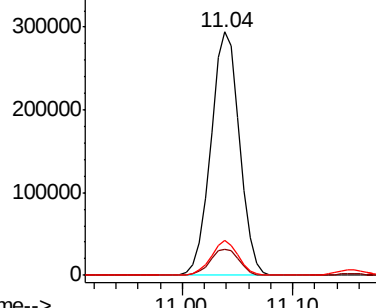
#31
Naphthalene
Concen: 46.380 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:128 Resp: 534745
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 14.2 10.8 16.2

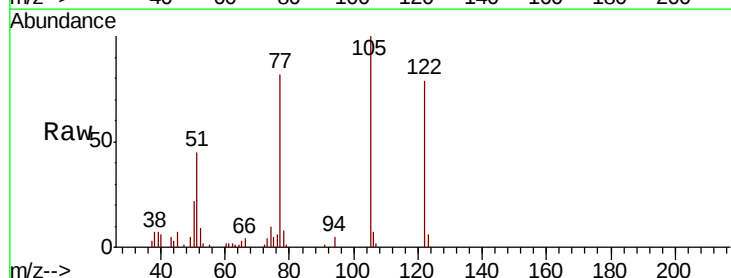


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

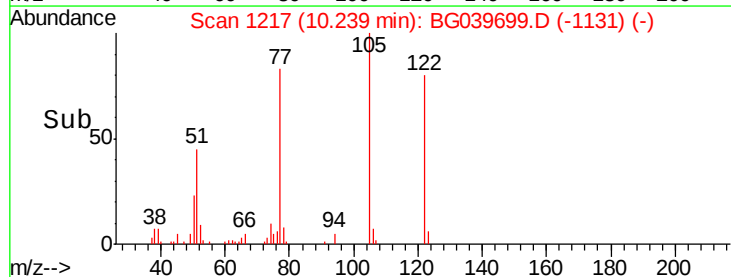
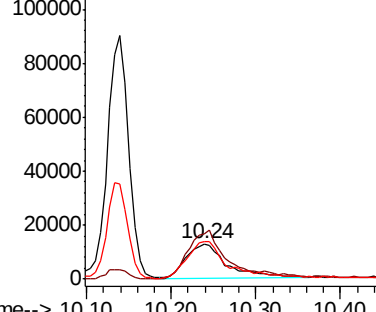


#32
Benzoic acid
Concen: 24.701 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:122 Resp: 42167
Ion Ratio Lower Upper
122 100
105 126.0 101.8 141.8
77 103.7 76.3 116.3



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

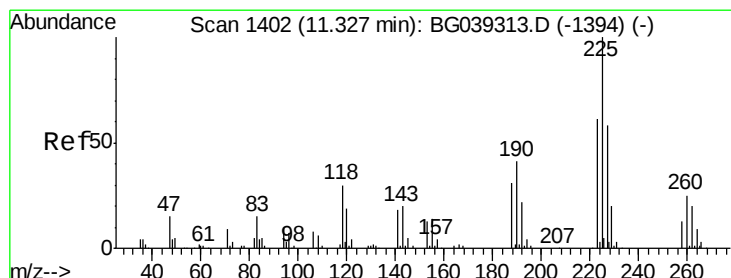
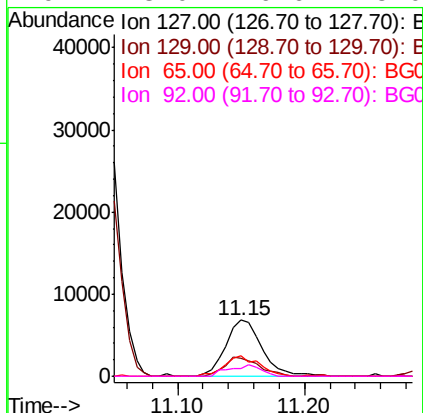
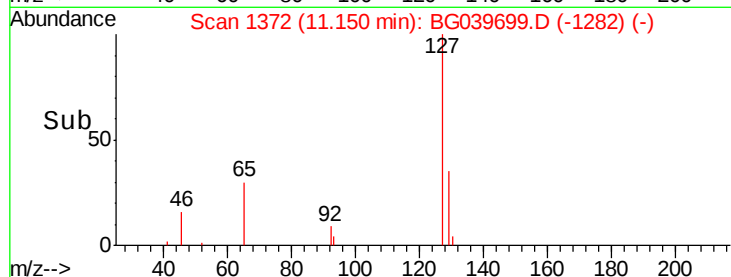
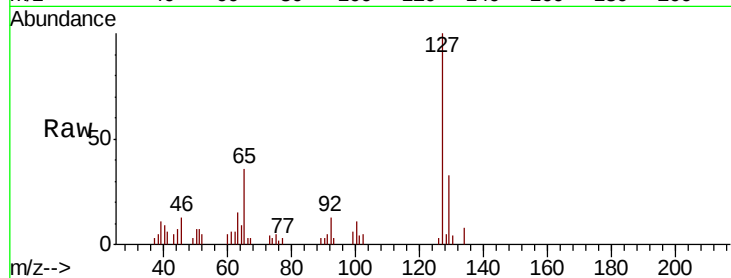




#33
4-Chloroaniline
Concen: 2.535 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

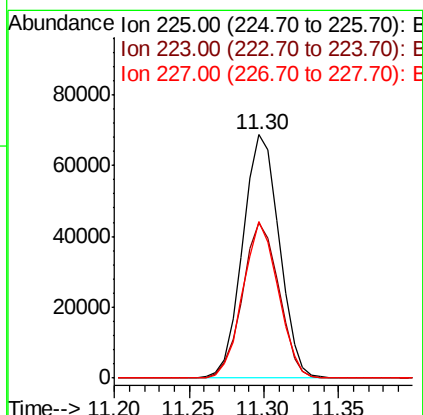
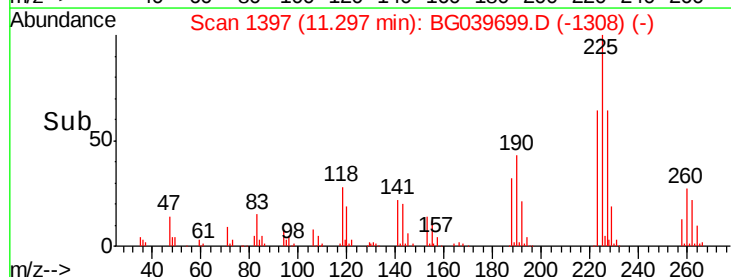
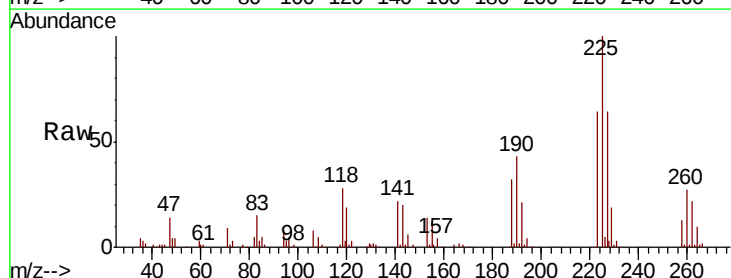
Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:	127	Resp:	13551
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.4
65	35.8	28.8	43.2
92	13.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.765 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:	225	Resp:	116378
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.0	73.6
227	64.2	46.3	69.5

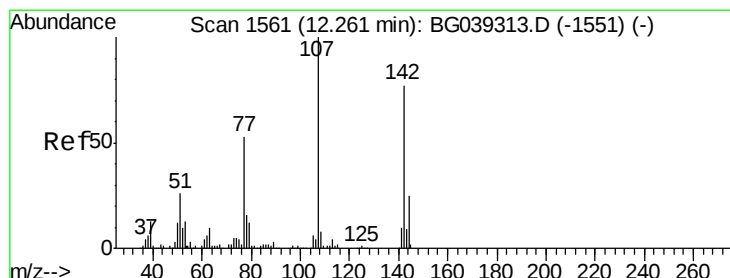
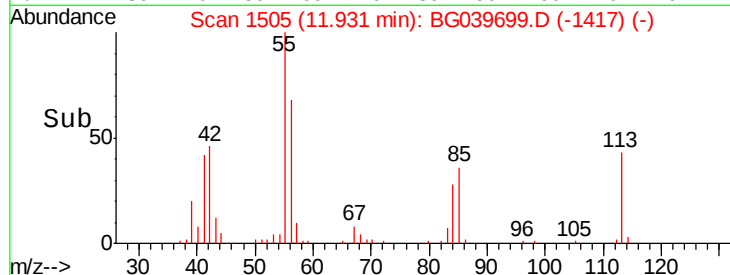
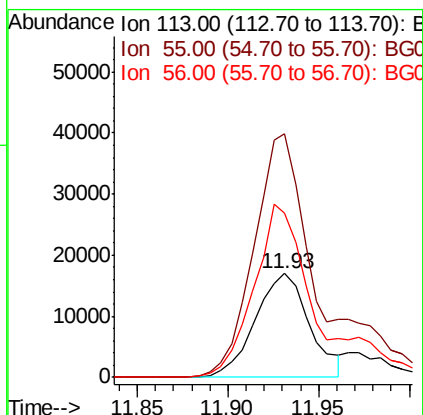
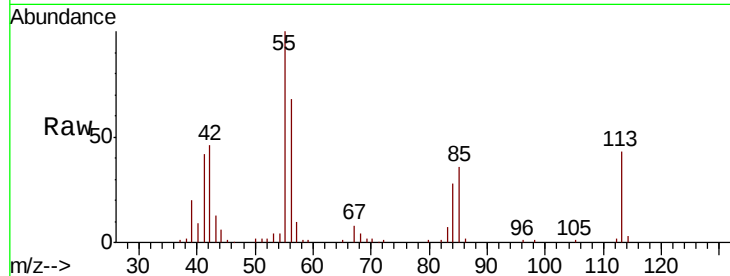




#35
 Caprolactam
 Concen: 23.384 ng
 RT: 11.93 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

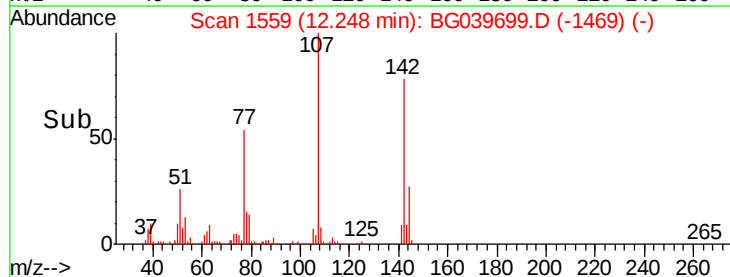
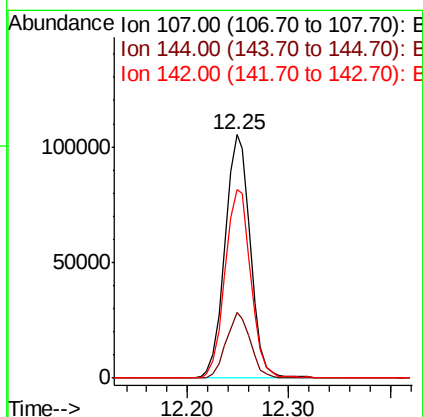
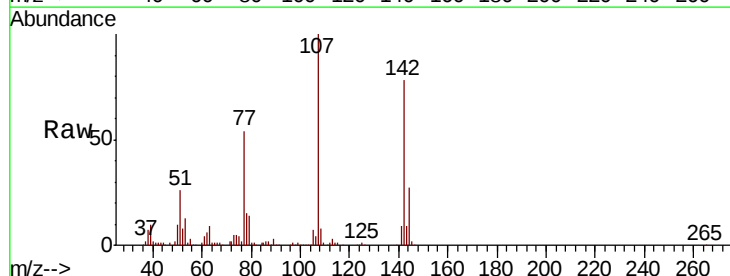
Instrument :
 BNA_G
 ClientSampleId :
 200051MS

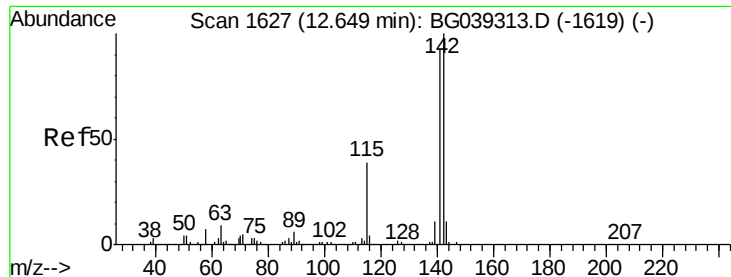
Tgt Ion:113 Resp: 35269
 Ion Ratio Lower Upper
 113 100
 55 235.2 216.9 256.9
 56 159.2 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.168 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

Tgt Ion:107 Resp: 181965
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.2 30.2
 142 77.6 61.4 92.2

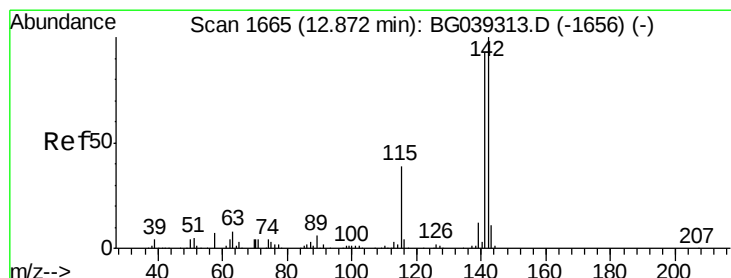
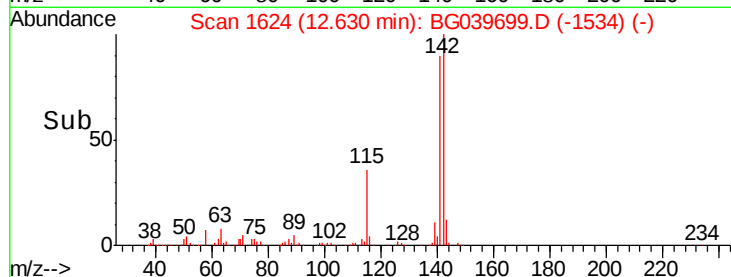
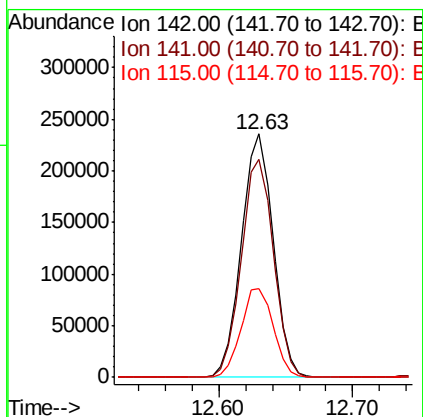
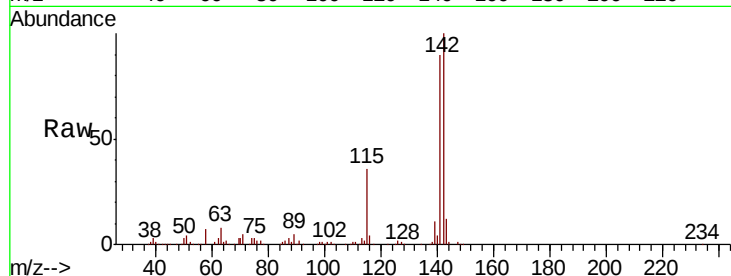




#37
 2-Methylnaphthalene
 Concen: 45.288 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

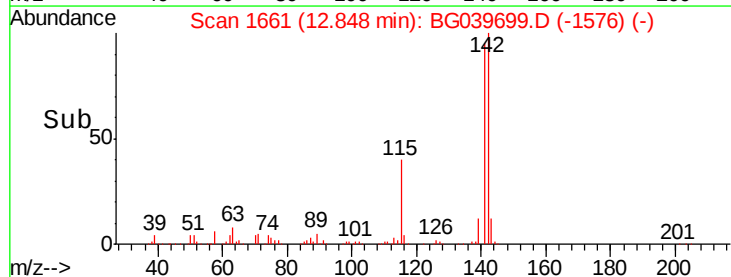
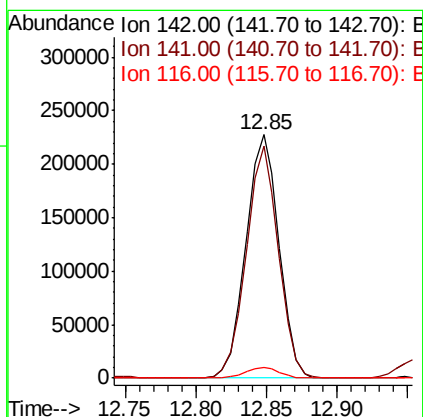
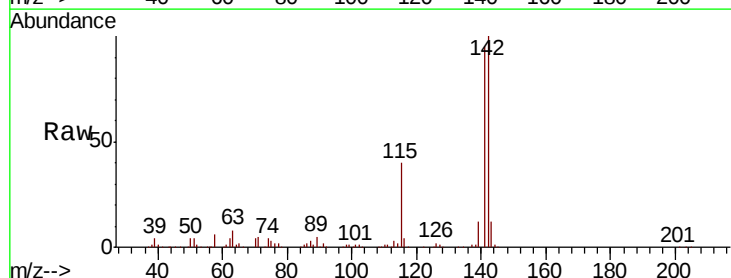
Instrument :
 BNA_G
 ClientSampleId :
 200051MS

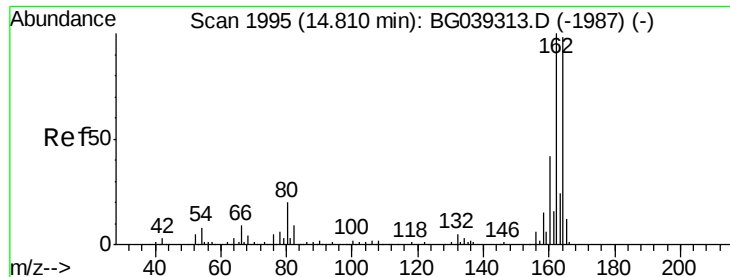
Tgt Ion:142 Resp: 386736
 Ion Ratio Lower Upper
 142 100
 141 89.6 73.5 110.3
 115 36.4 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 45.255 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

Tgt Ion:142 Resp: 372527
 Ion Ratio Lower Upper
 142 100
 141 95.3 74.2 111.4
 116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

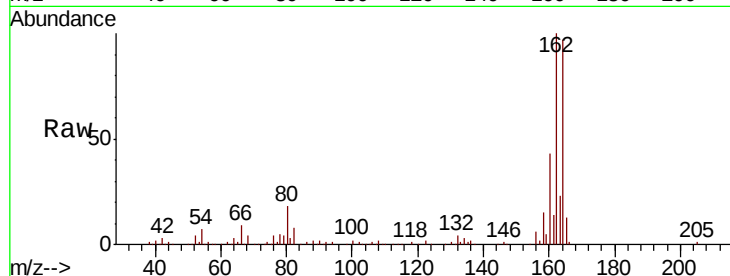
Tgt Ion:164 Resp: 151310

Ion Ratio Lower Upper

164 100

162 102.9 81.6 122.4

160 44.1 34.2 51.2

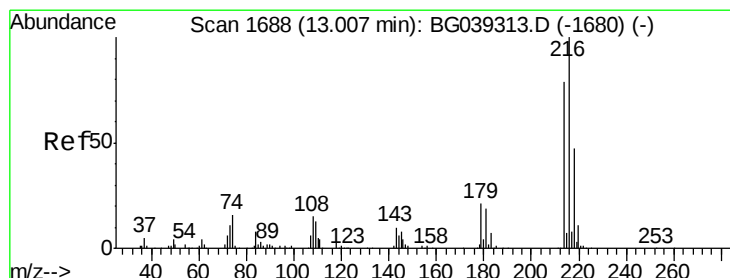
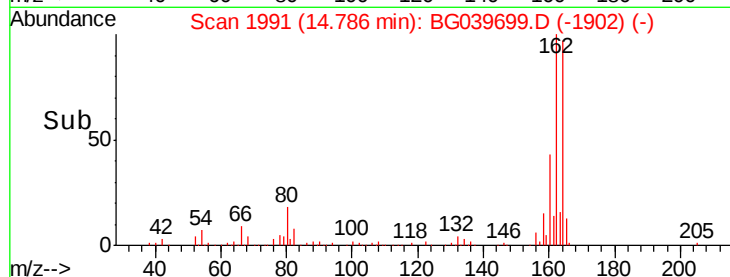
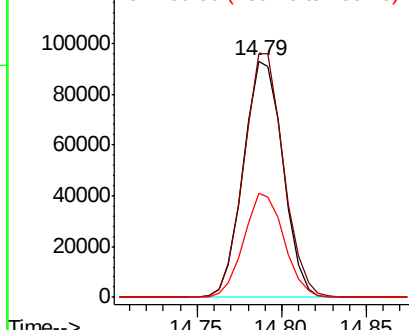


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.093 ng

RT: 12.99 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Tgt Ion:216 Resp: 212276

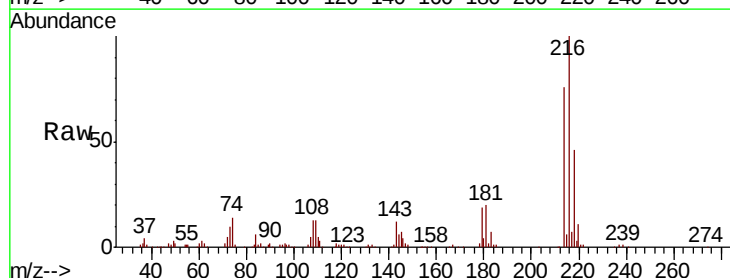
Ion Ratio Lower Upper

216 100

214 79.4 62.6 94.0

179 20.7 16.6 25.0

108 17.7 14.0 21.0



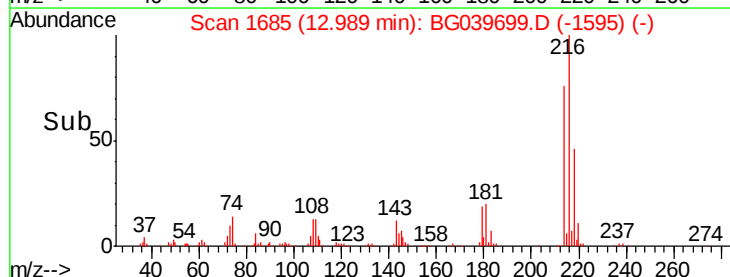
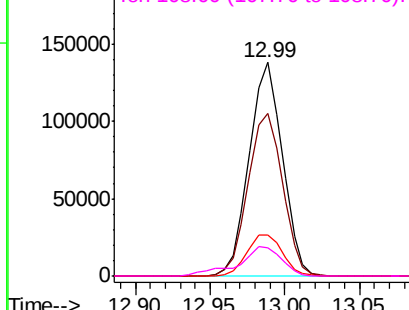
Abundance

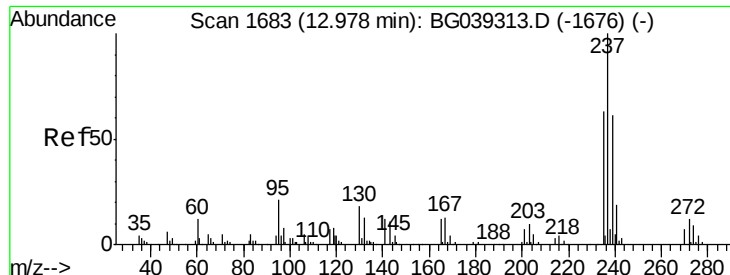
Ion 216.00 (215.70 to 216.70): E

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: 92.083 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

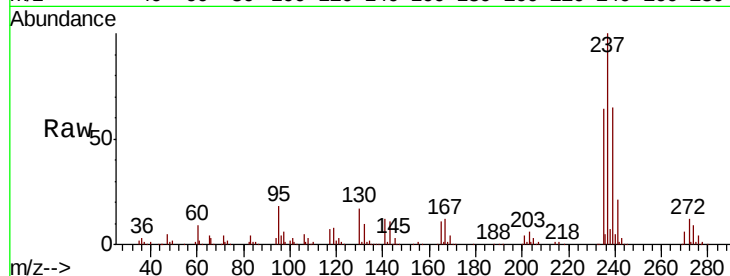
Tgt Ion: 237 Resp: 241567

Ion Ratio Lower Upper

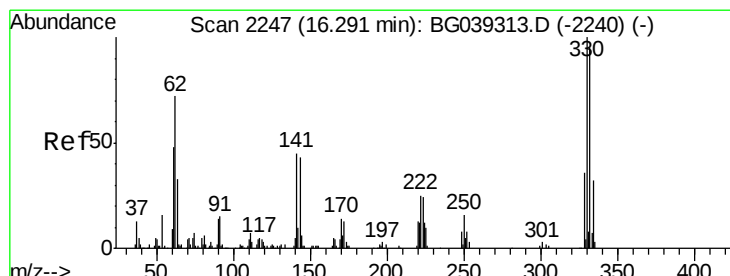
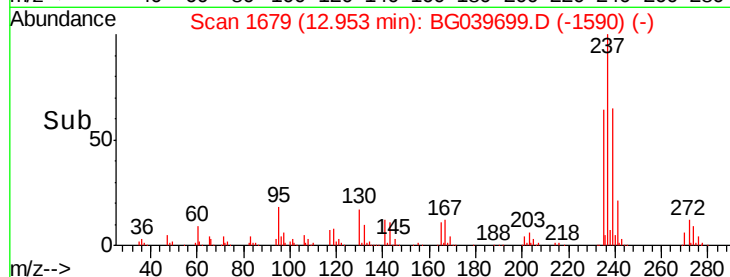
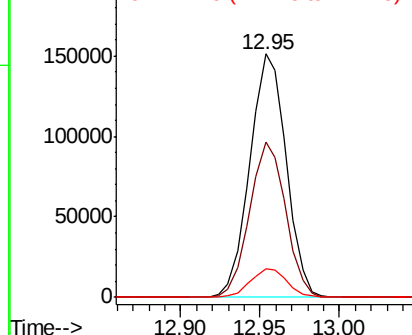
237 100

235 63.8 43.3 83.3

272 12.0 0.0 32.3



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: 147.602 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

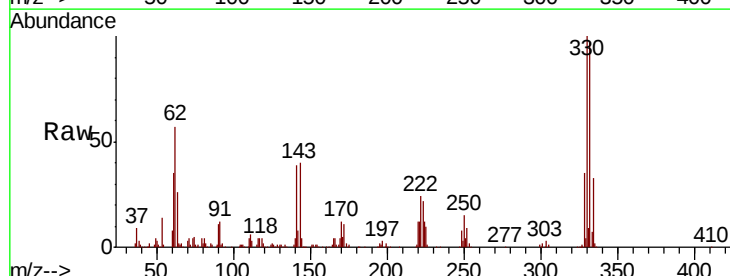
Tgt Ion: 330 Resp: 240496

Ion Ratio Lower Upper

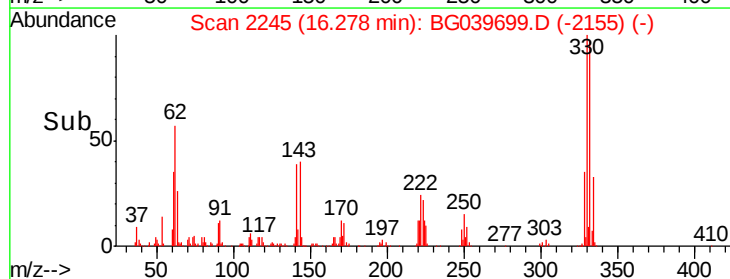
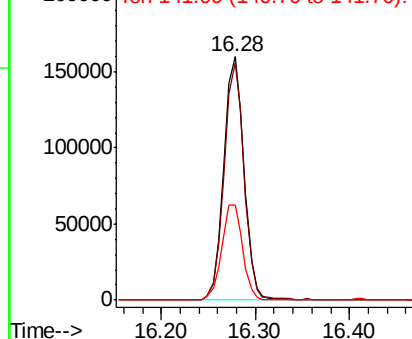
330 100

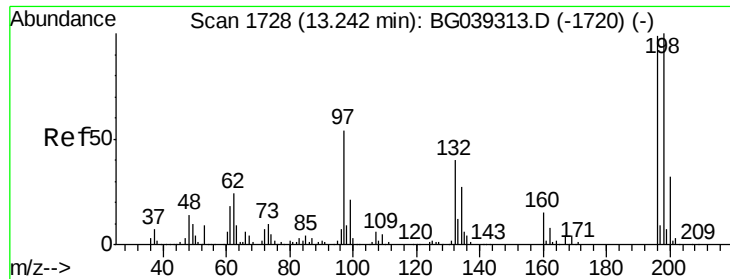
332 95.8 75.7 113.5

141 40.5 35.6 53.4



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

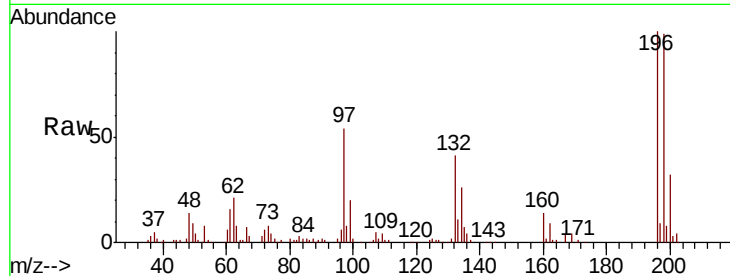




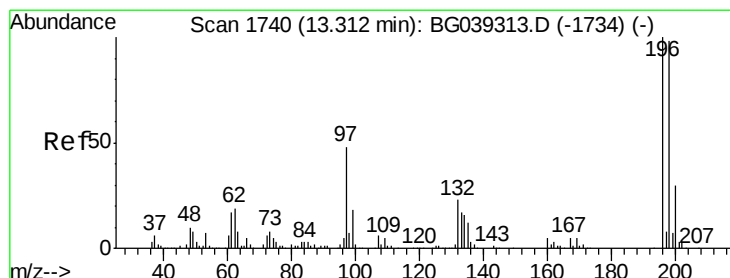
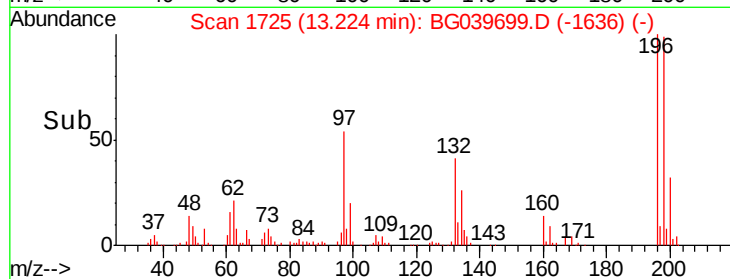
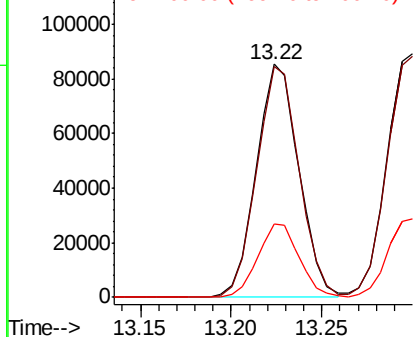
#43
 2,4,6-Trichlorophenol
 Concen: 47.361 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

Instrument :
 BNA_G
 ClientSampleId :
 200051MS

Tgt Ion:196 Resp: 140191
 Ion Ratio Lower Upper
 196 100
 198 99.4 80.6 121.0
 200 31.7 26.1 39.1

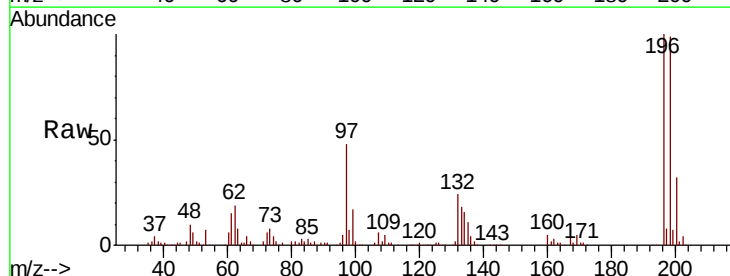


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

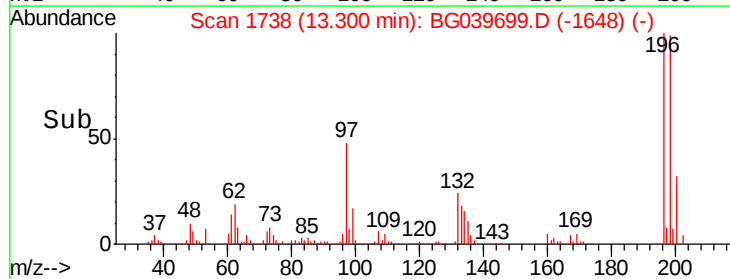
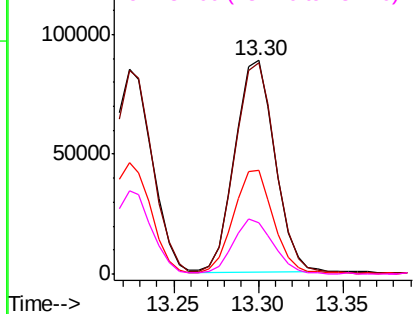


#44
 2,4,5-Trichlorophenol
 Concen: 47.399 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

Tgt Ion:196 Resp: 147048
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.5 117.7
 97 48.4 38.4 57.6
 132 23.8 19.2 28.8



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

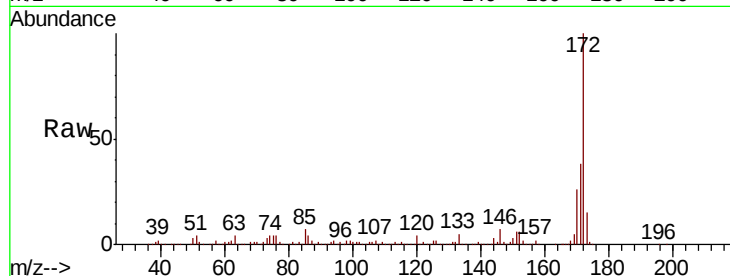




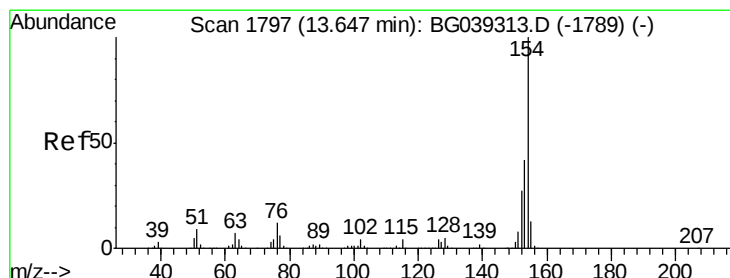
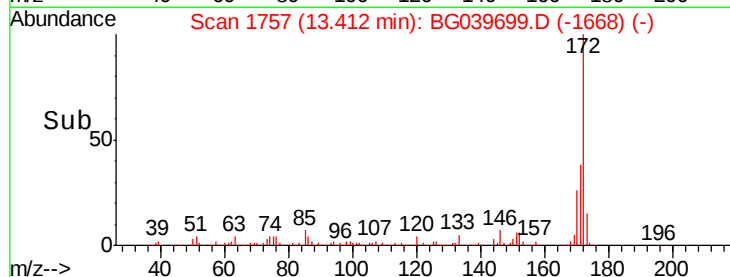
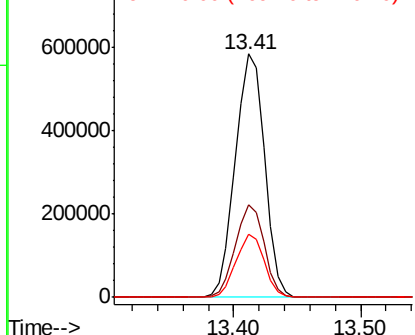
#45
2-Fluorobiphenyl
Concen: 88.567 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	25.9	20.2	30.4

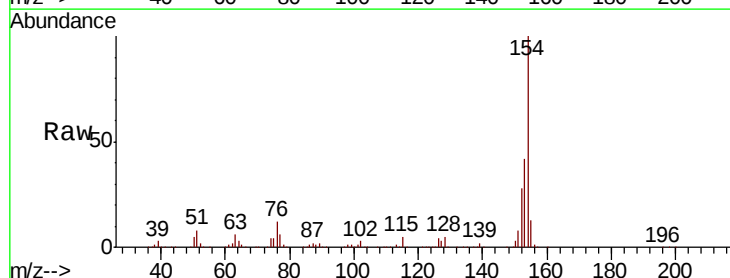


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

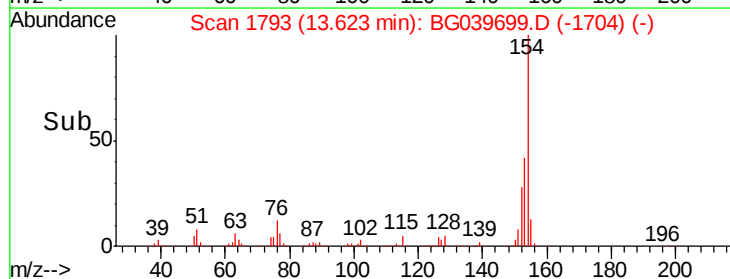
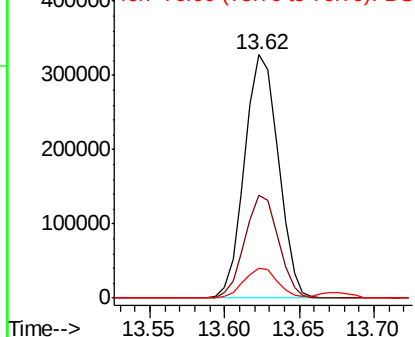


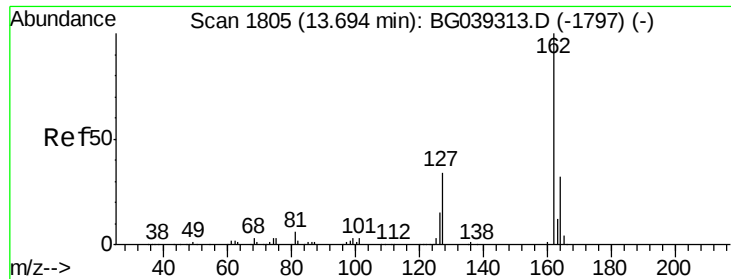
#46
1,1'-Biphenyl
Concen: 40.849 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	12.1	0.0	32.4



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

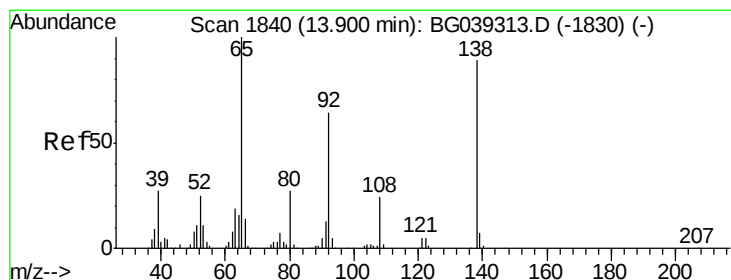
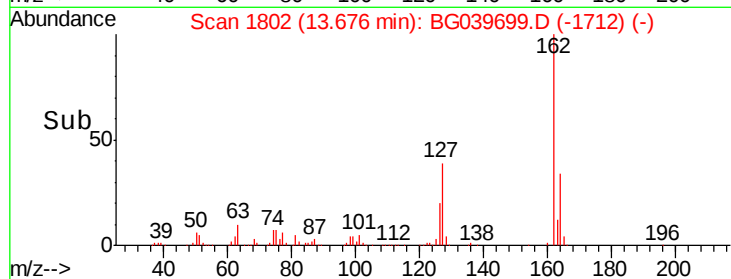
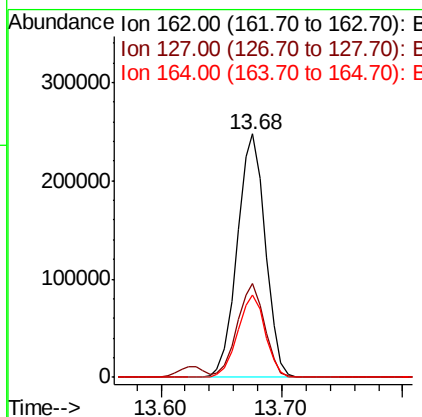
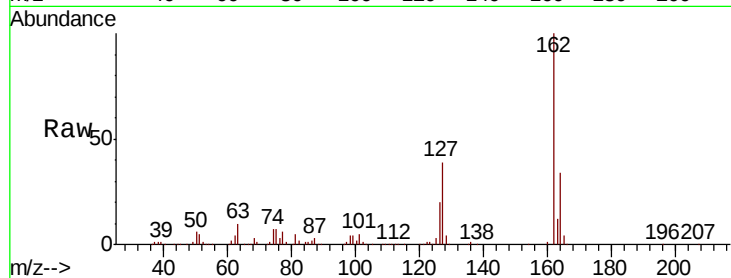




#47
2-Chloronaphthalene
Concen: 42.283 ng
RT: 13.68 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

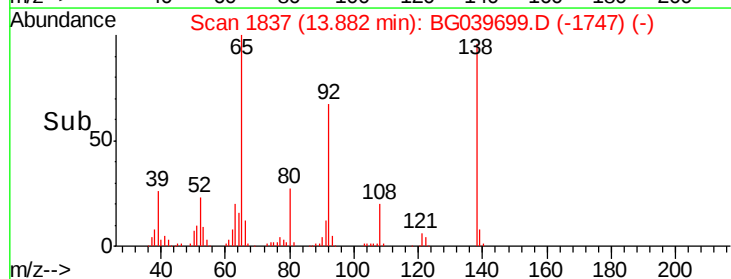
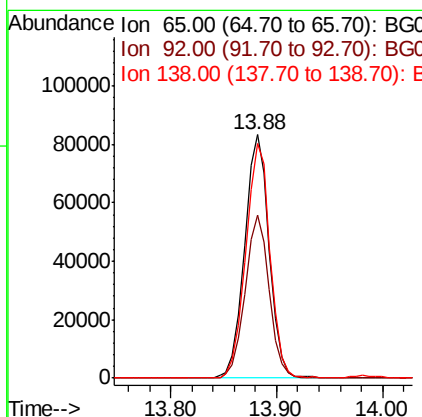
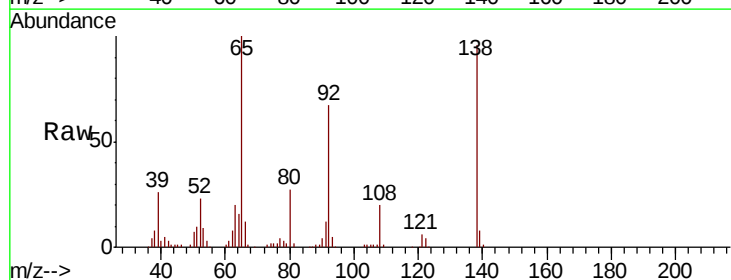
Instrument :
BNA_G
ClientSampleId :
200051MS

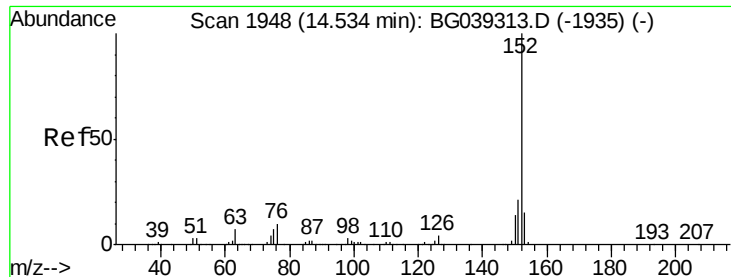
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.6
164	33.8	25.7	38.5



#48
2-Nitroaniline
Concen: 48.964 ng
RT: 13.88 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	51.4	77.2
138	96.2	71.4	107.2





#49

Acenaphthylene

Concen: 44.378 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampled :

200051MS

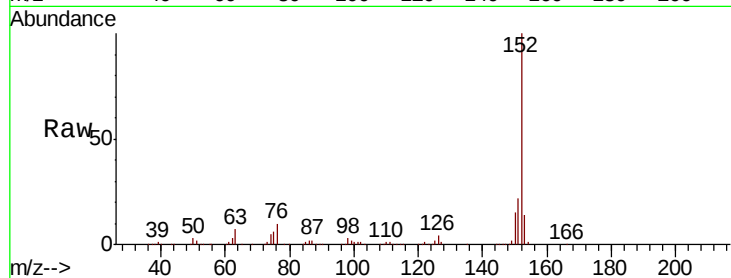
Tgt Ion:152 Resp: 634191

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

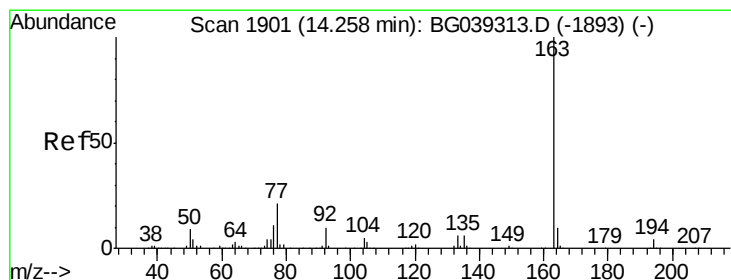
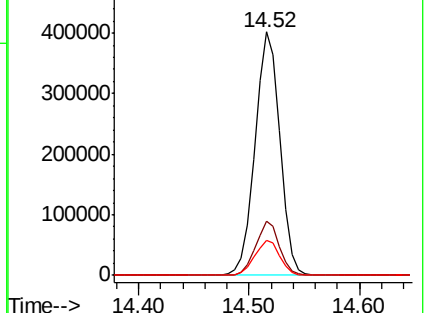
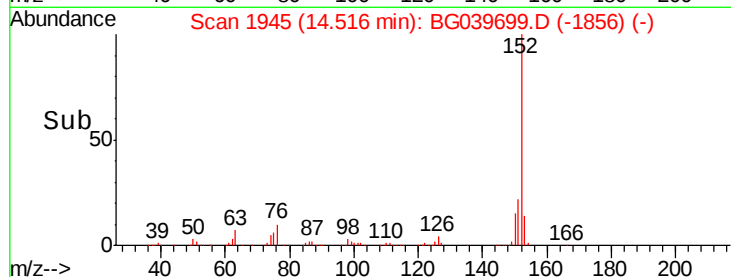
153 14.3 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.366 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

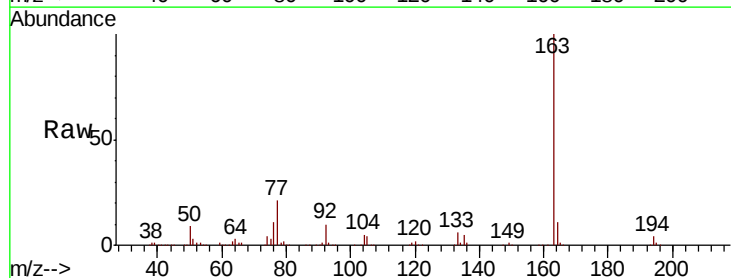
Tgt Ion:163 Resp: 517728

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

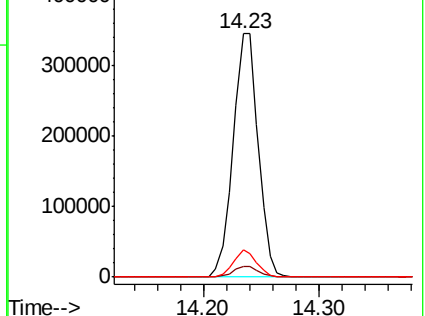
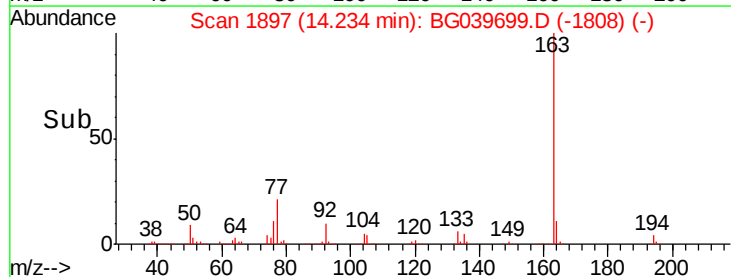
164 11.0 8.4 12.6



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: 50.094 ng

RT: 14.37 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

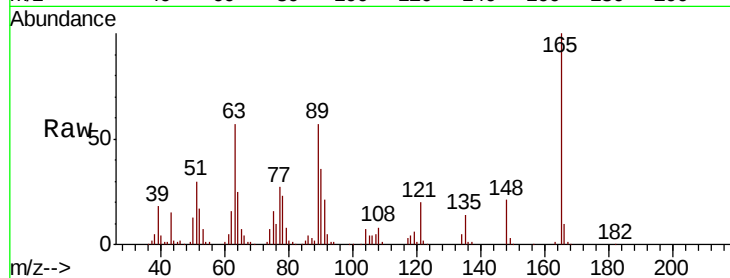
Tgt Ion:165 Resp: 115169

Ion Ratio Lower Upper

165 100

63 56.9 47.0 70.6

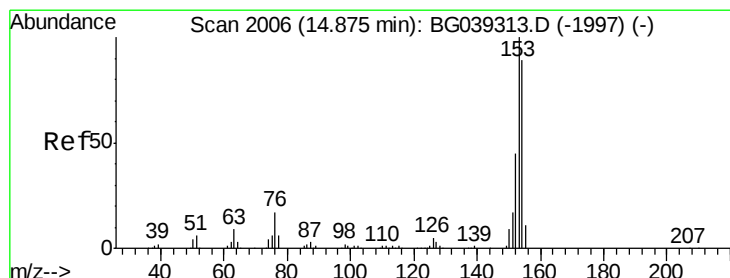
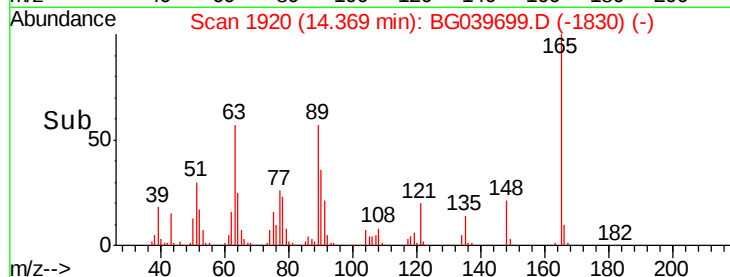
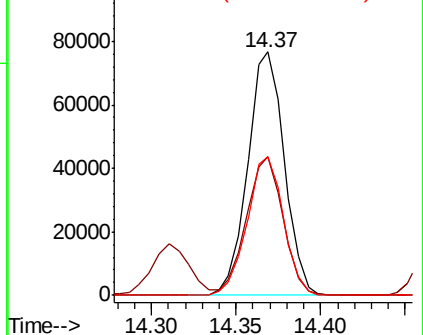
89 57.0 45.8 68.8



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: 42.305 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

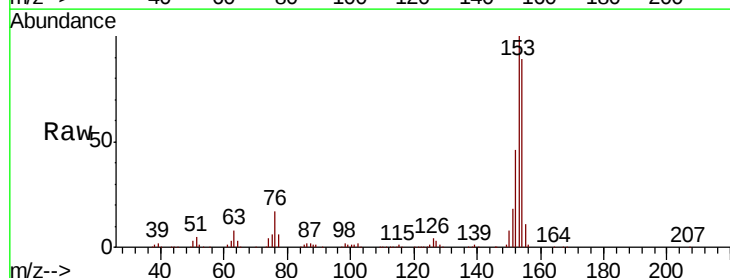
Tgt Ion:154 Resp: 392431

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

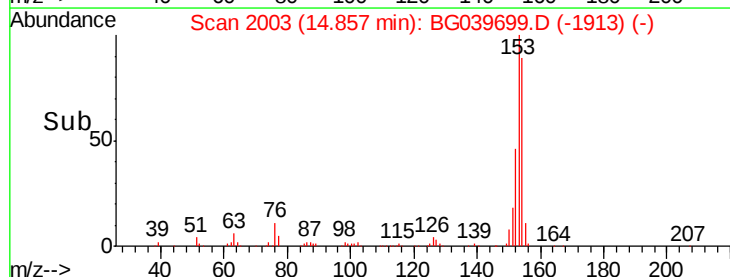
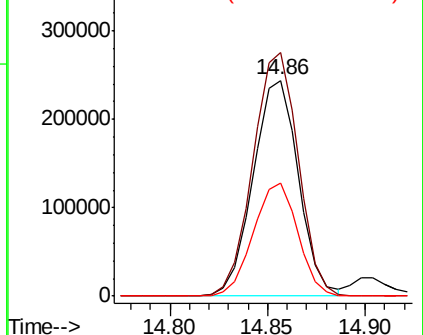
152 52.2 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

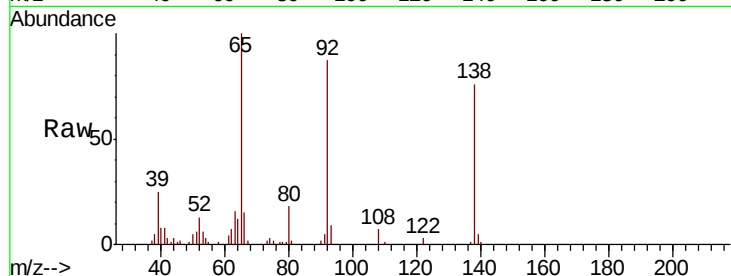




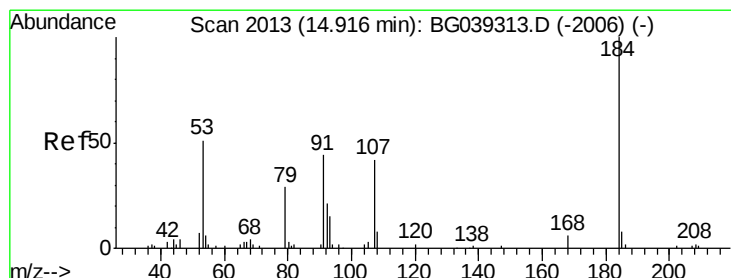
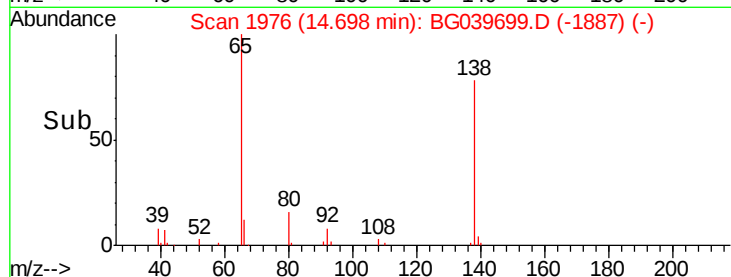
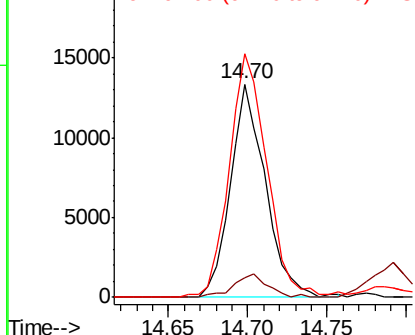
#53
3-Nitroaniline
Concen: 13.082 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:138 Resp: 20428
Ion Ratio Lower Upper
138 100
108 9.5 13.8 20.8#
92 114.1 103.7 155.5

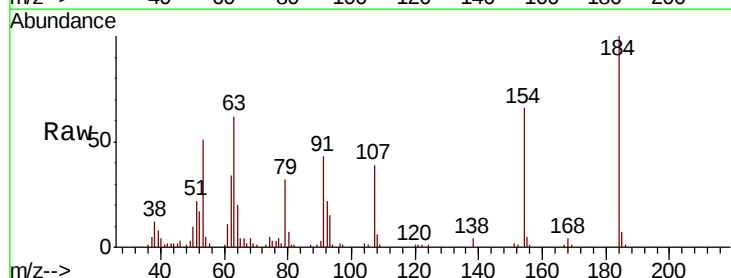


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

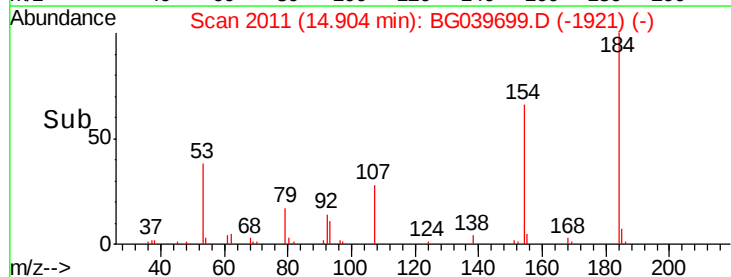
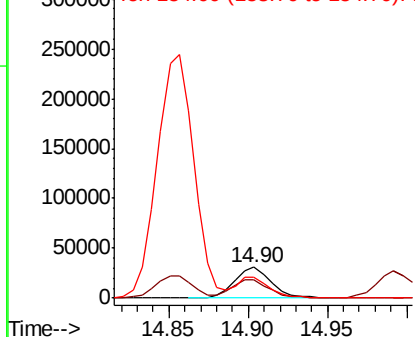


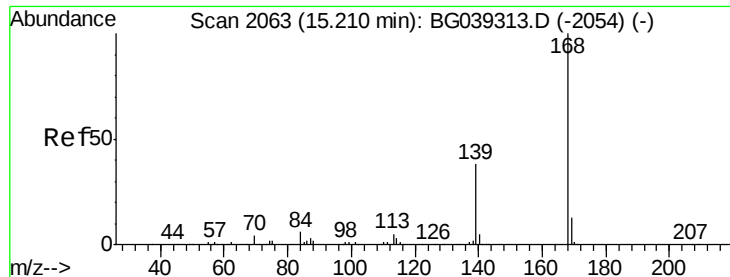
#54
2,4-Dinitrophenol
Concen: 56.654 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:184 Resp: 48948
Ion Ratio Lower Upper
184 100
63 61.5 50.9 76.3
154 66.4 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.190 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

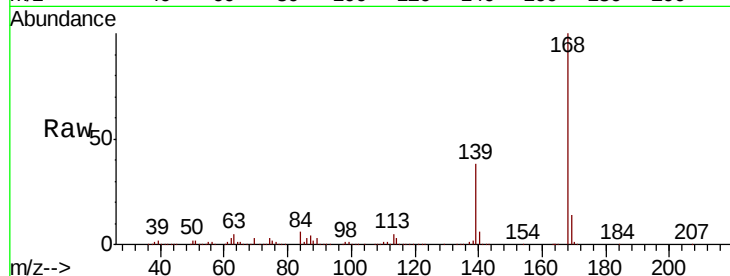
Tgt Ion:168 Resp: 627483

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

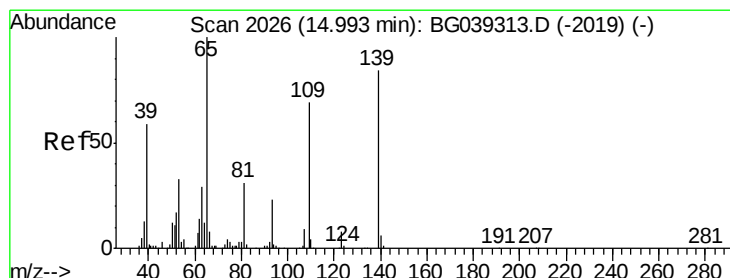
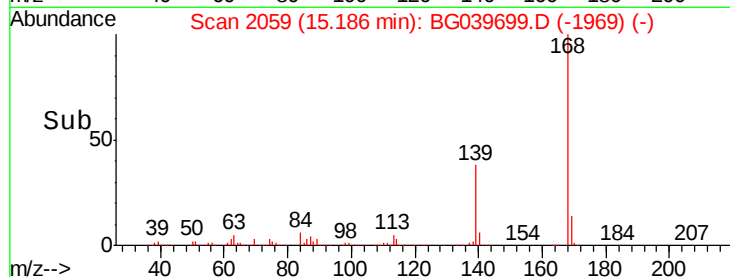
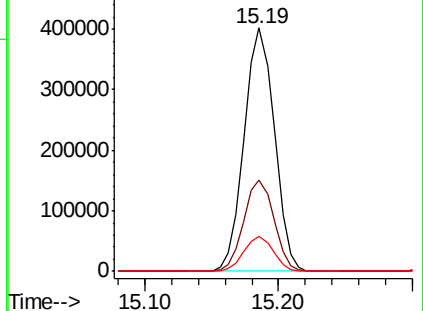
169 14.3 10.6 16.0



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: 68.154 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

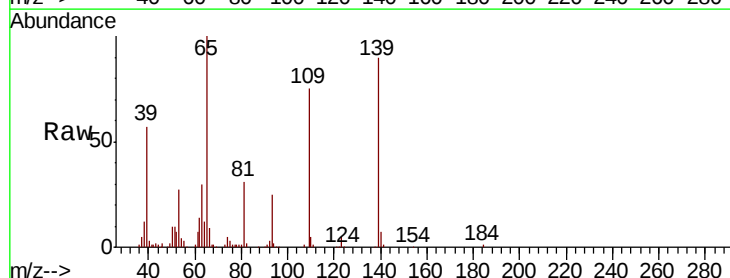
Tgt Ion:139 Resp: 148547

Ion Ratio Lower Upper

139 100

109 83.3 61.9 101.9

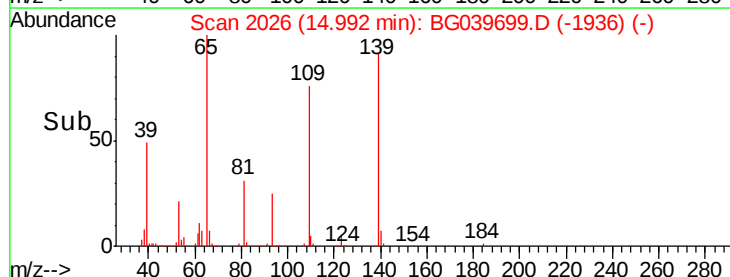
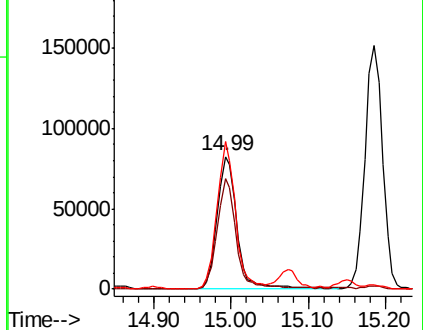
65 110.8 99.1 139.1



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): BGC

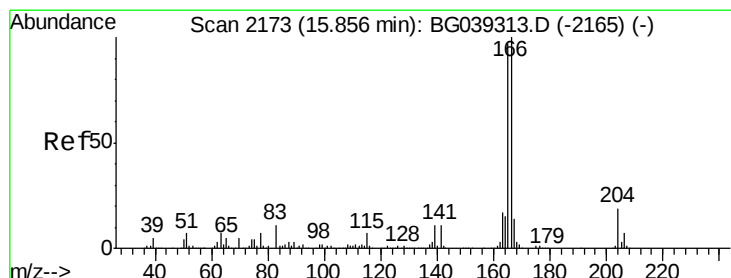
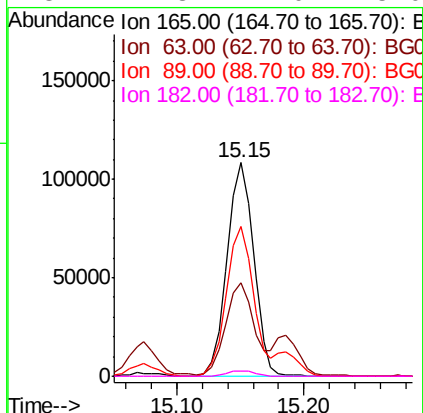
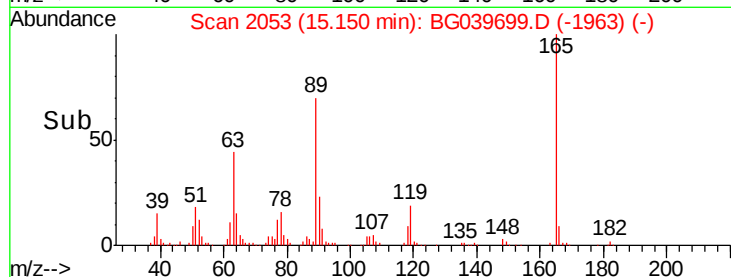
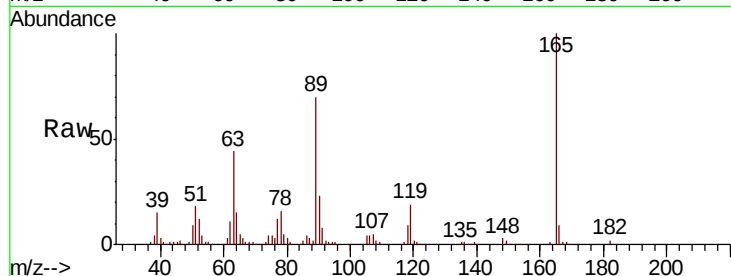




#57
2,4-Dinitrotoluene
Concen: 52.987 ng
RT: 15.15 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

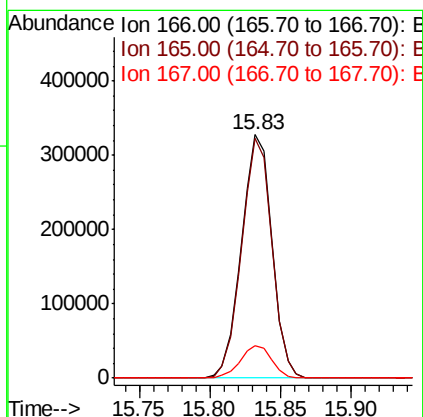
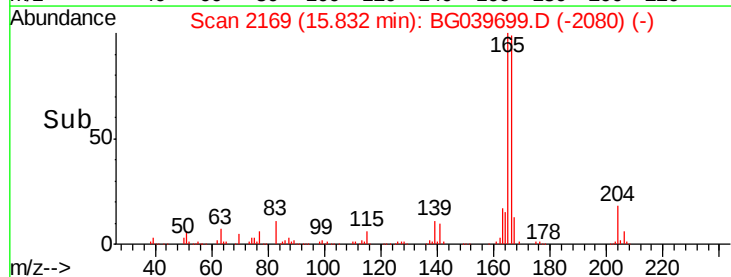
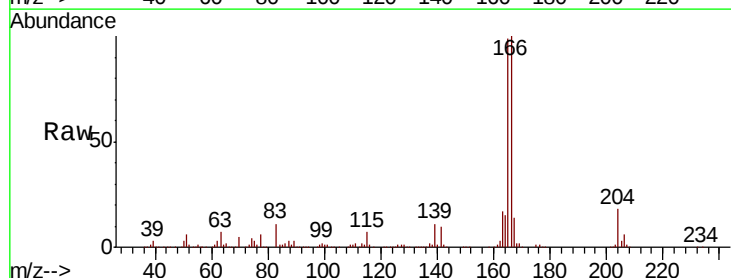
Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:165 Resp: 157859
Ion Ratio Lower Upper
165 100
63 43.9 41.0 61.6
89 70.0 64.6 96.8
182 2.3 2.0 3.0



#58
Fluorene
Concen: 44.664 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:166 Resp: 495199
Ion Ratio Lower Upper
166 100
165 98.6 77.9 116.9
167 13.5 10.8 16.2

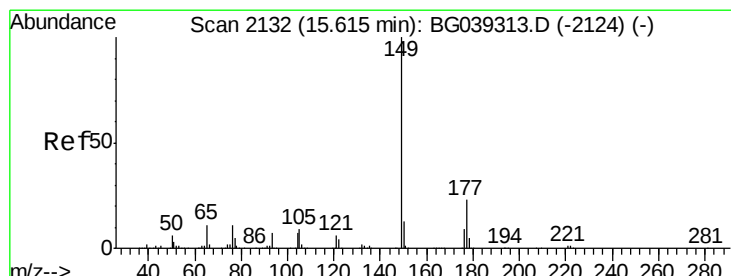
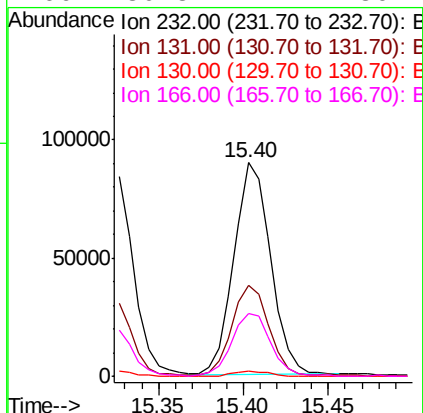
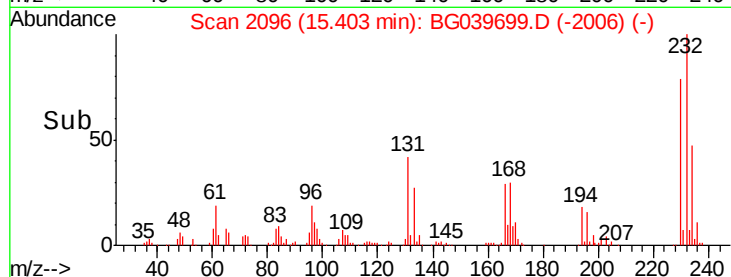
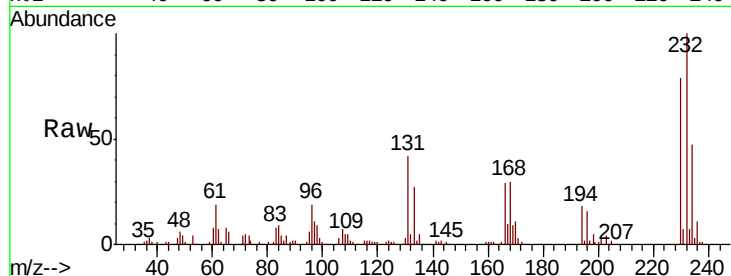




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.972 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

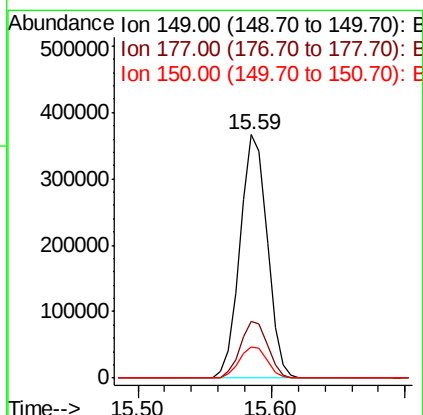
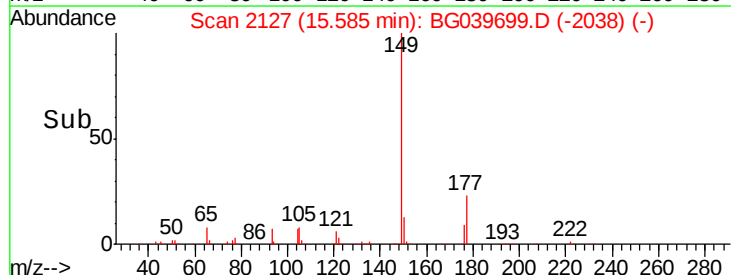
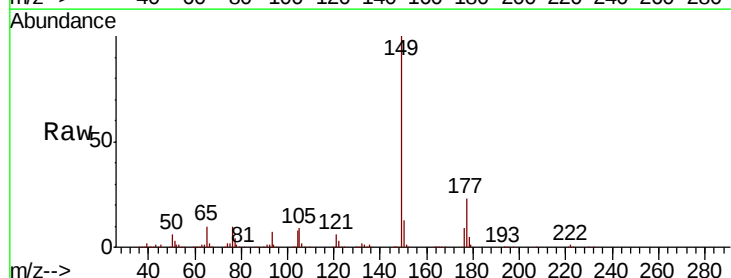
Instrument :
 BNA_G
 ClientSampleId :
 200051MS

Tgt Ion:	232	Resp:	136445
Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.9	52.3
130	2.6	2.0	3.0
166	30.8	24.1	36.1



#60
 Diethylphthalate
 Concen: 40.750 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

Tgt Ion:	149	Resp:	514873
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.6	10.2	15.2

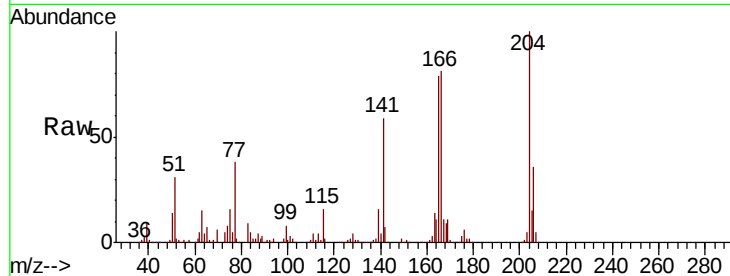




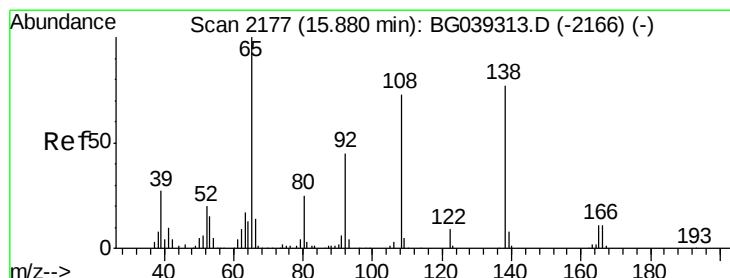
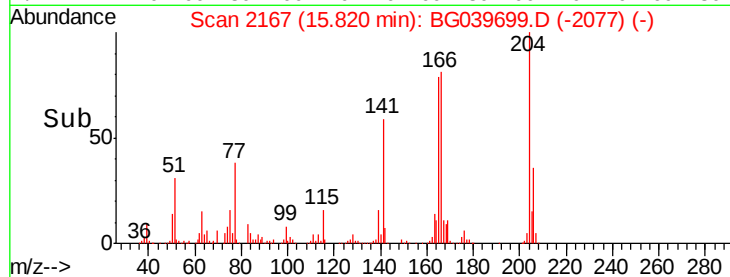
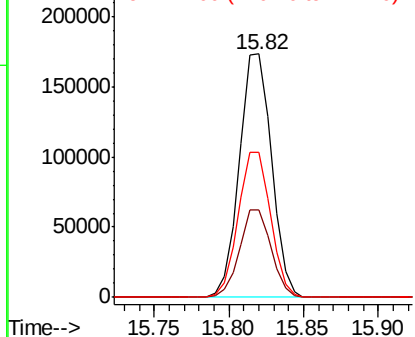
#61
4-Chlorophenyl-phenylether
Concen: 41.429 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:204 Resp: 260086
Ion Ratio Lower Upper
204 100
206 35.9 29.2 43.8
141 59.3 49.0 73.4

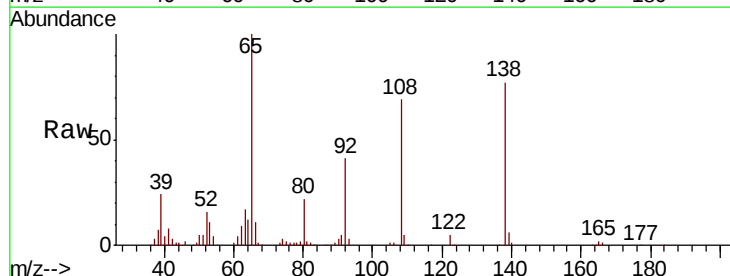


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

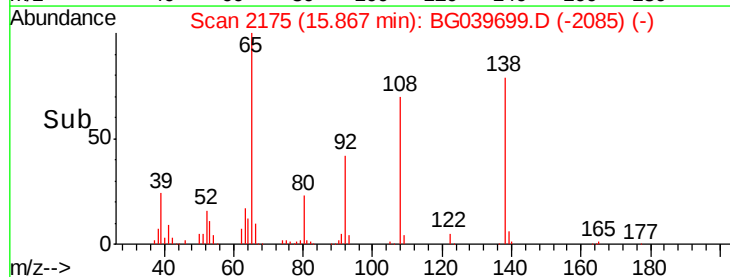
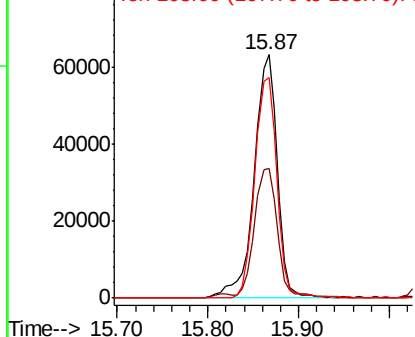


#62
4-Nitroaniline
Concen: 44.234 ng
RT: 15.87 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:138 Resp: 112429
Ion Ratio Lower Upper
138 100
92 53.3 38.7 78.7
108 90.5 74.6 114.6



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





#63

Azobenzene

Concen: 37.792 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

Tgt Ion: 77 Resp: 466711

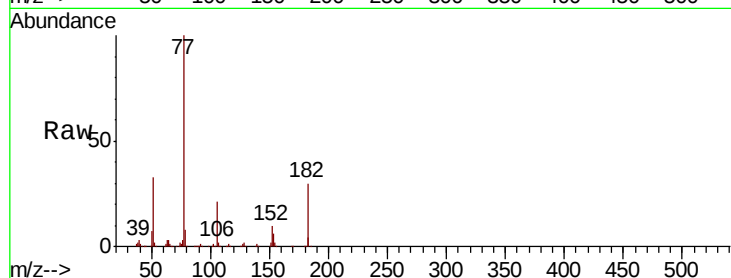
Ion Ratio Lower Upper

77 100

182 29.7 6.4 46.4

105 20.7 0.0 39.8

51 33.2 14.1 54.1

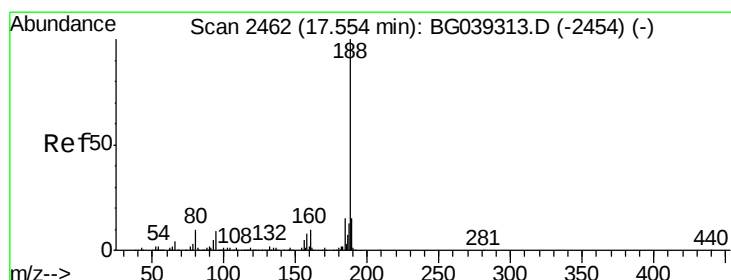
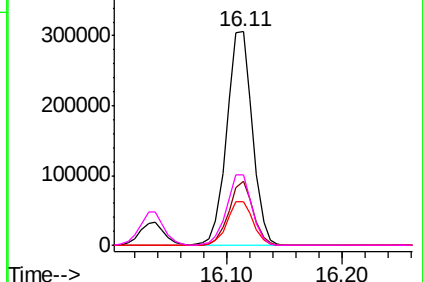
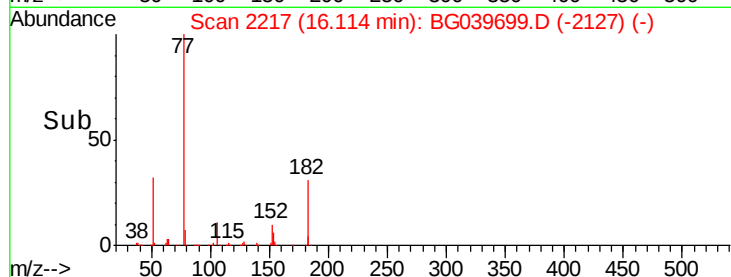


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.54 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

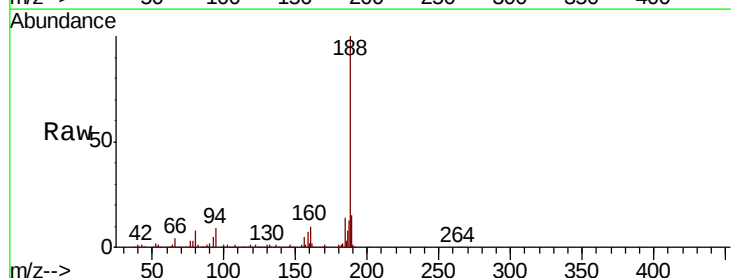
Tgt Ion: 188 Resp: 339527

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

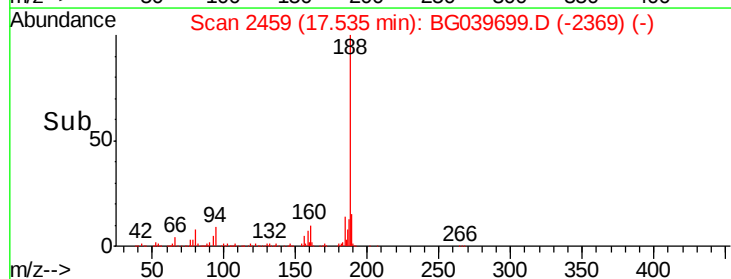
80 8.2 8.1 12.1



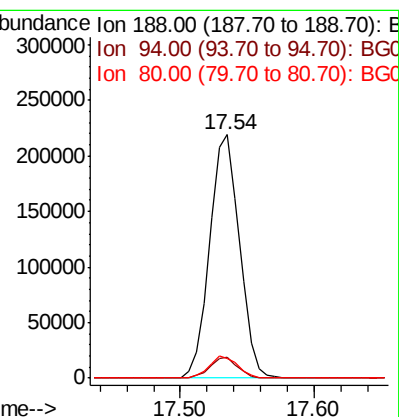
Abundance Ion 188.00 (187.70 to 188.70): BGC

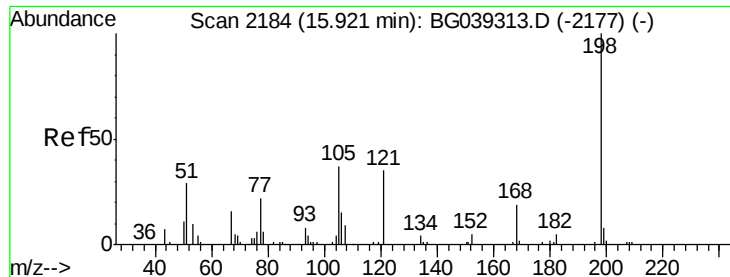
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

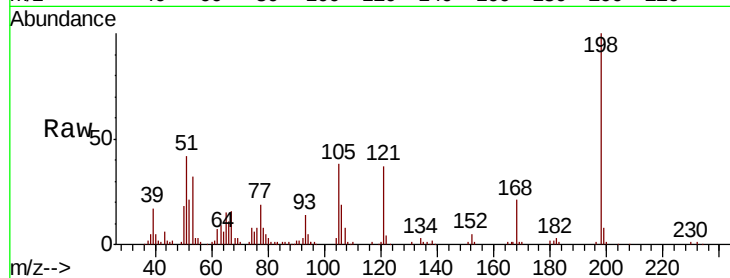




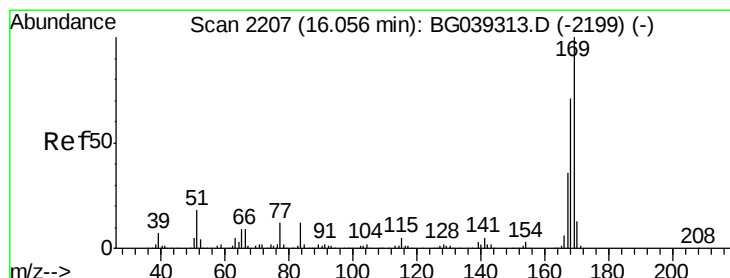
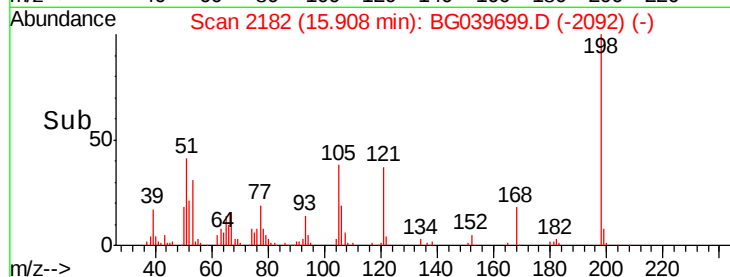
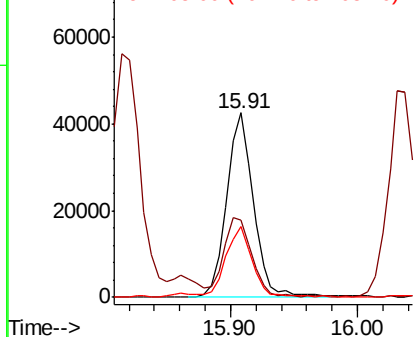
#65
4,6-Dinitro-2-methylphenol
Concen: 46.754 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:198 Resp: 61870
Ion Ratio Lower Upper
198 100
51 41.9 27.4 67.4
105 38.4 19.7 59.7

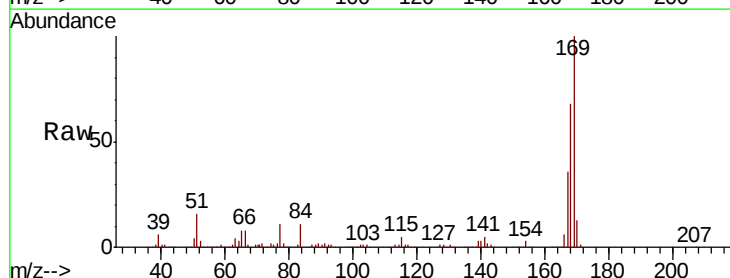


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

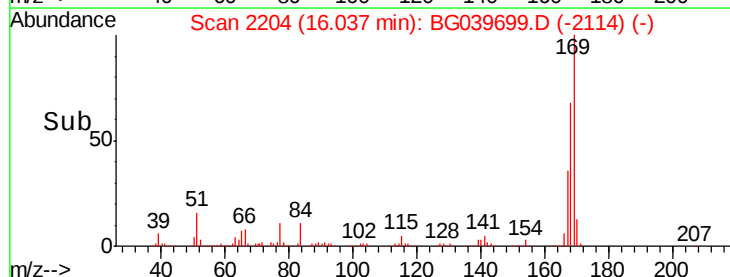
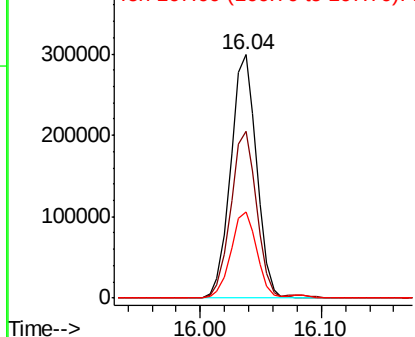


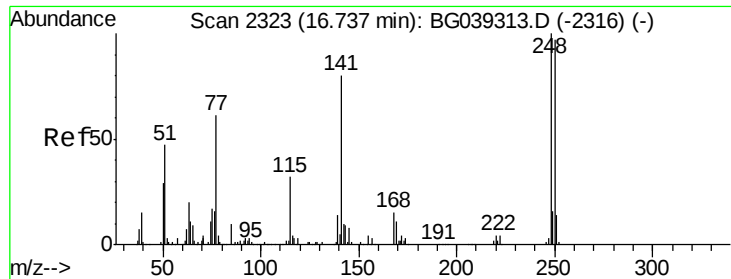
#66
n-Nitrosodiphenylamine
Concen: 43.196 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:169 Resp: 445952
Ion Ratio Lower Upper
169 100
168 68.3 56.6 85.0
167 35.6 28.8 43.2



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

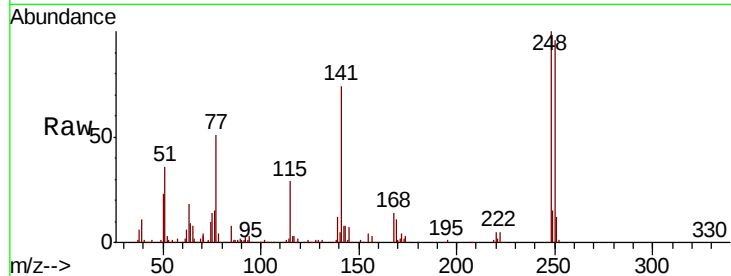




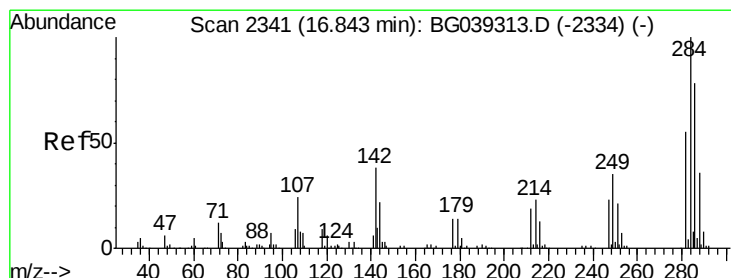
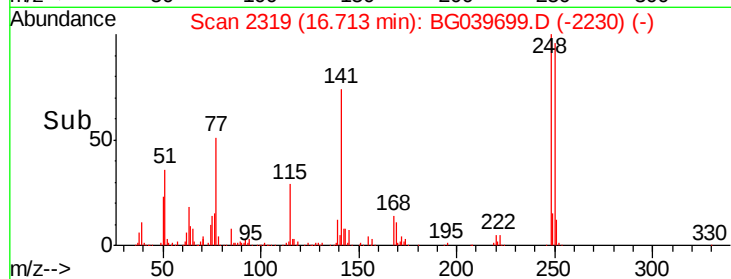
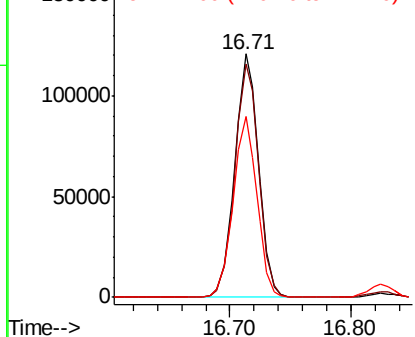
#67
4-Bromophenyl-phenylether
Concen: 43.941 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:248 Resp: 165510
Ion Ratio Lower Upper
248 100
250 95.7 77.6 116.4
141 74.1 63.9 95.9

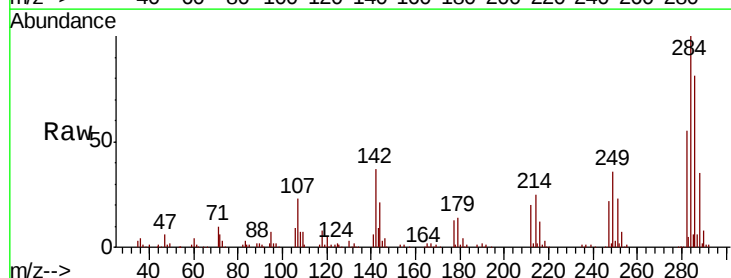


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

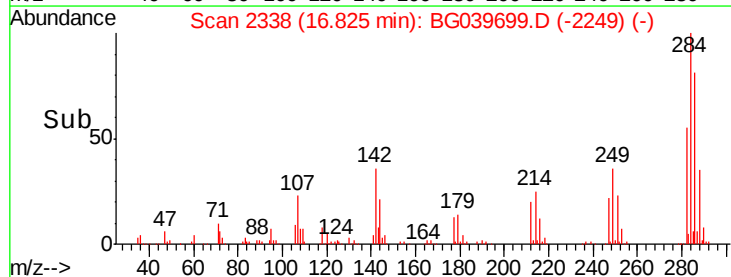
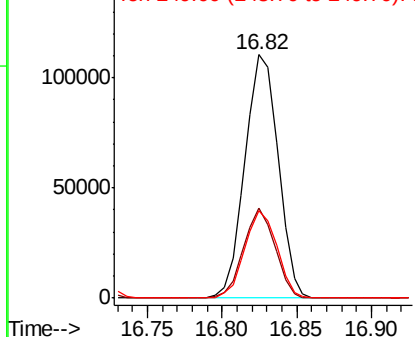


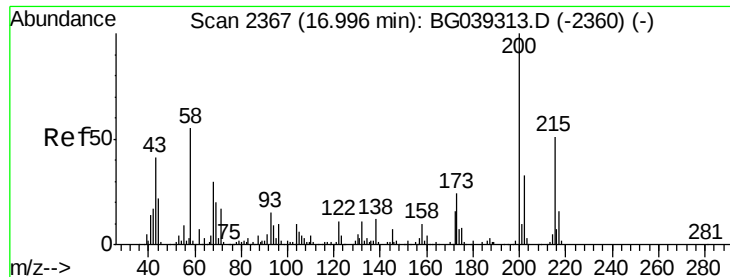
#68
Hexachlorobenzene
Concen: 45.082 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:284 Resp: 170370
Ion Ratio Lower Upper
284 100
142 36.8 30.6 45.8
249 36.1 28.2 42.2



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





#69

Atrazine

Concen: 41.653 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

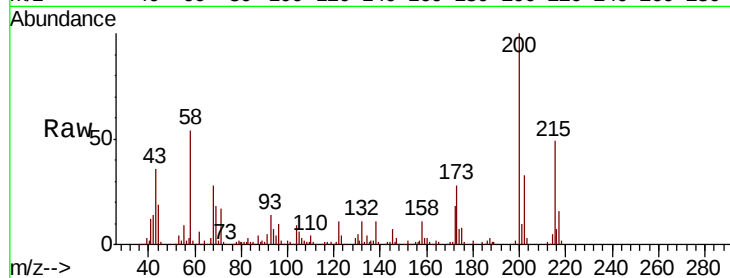
Tgt Ion:200 Resp: 157148

Ion Ratio Lower Upper

200 100

173 27.7 3.9 43.9

215 49.0 30.9 70.9

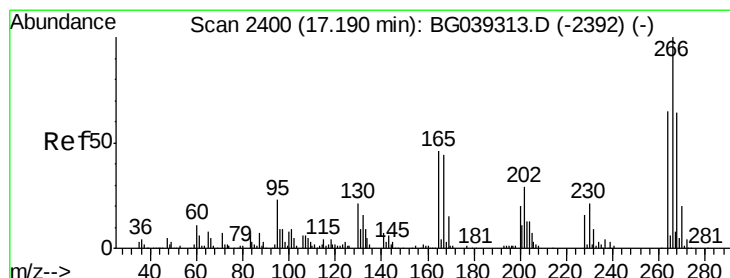
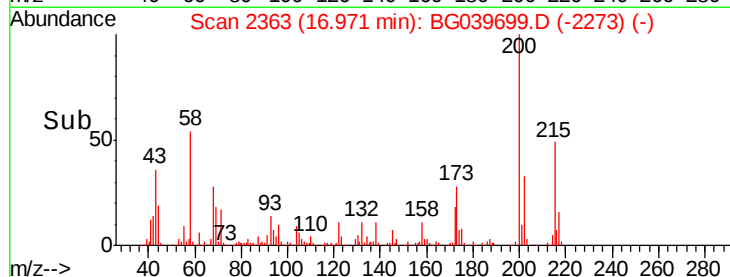
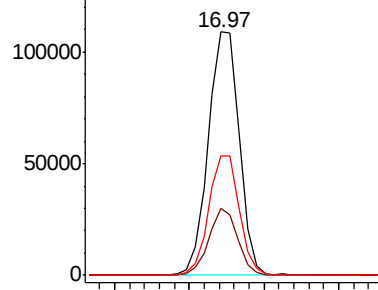


Abundance

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: 66.468 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

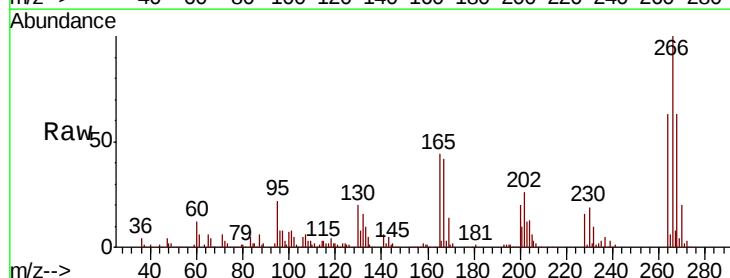
Tgt Ion:266 Resp: 174581

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

264 63.3 52.1 78.1

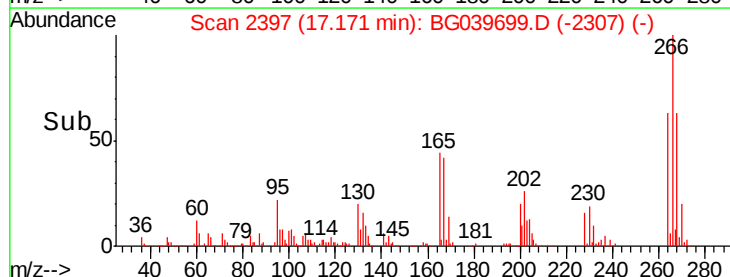
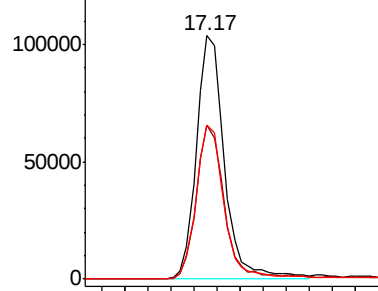


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

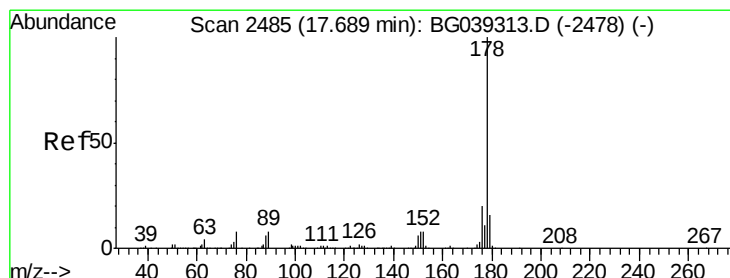
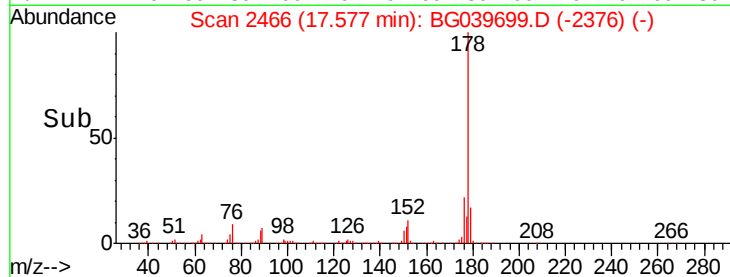
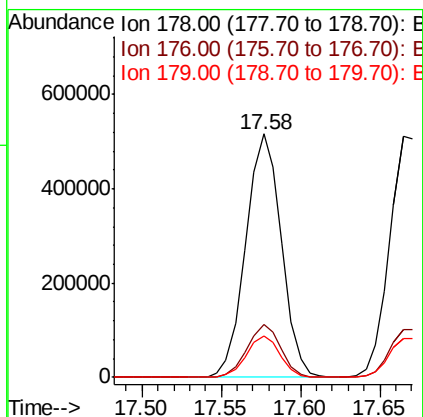
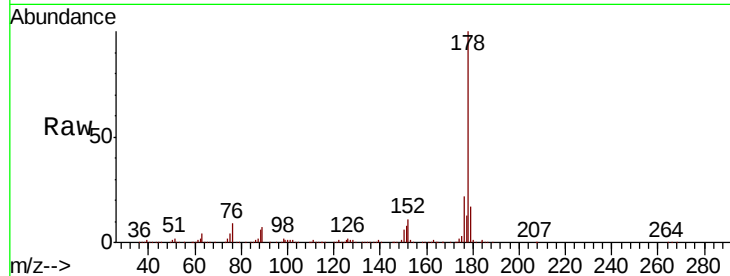




#71
Phenanthrene
Concen: 45.788 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

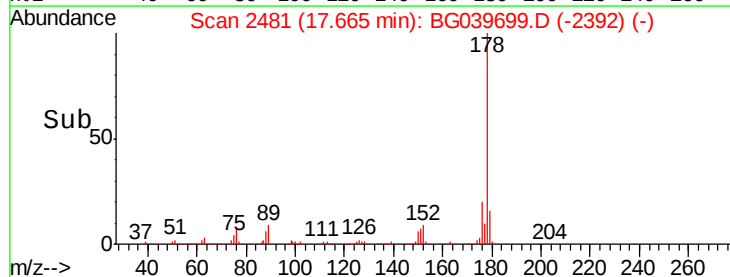
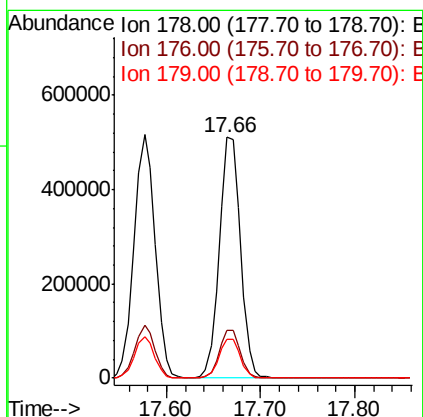
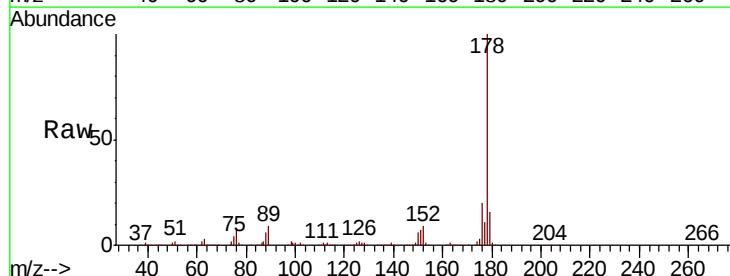
Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:178 Resp: 804637
Ion Ratio Lower Upper
178 100
176 21.6 16.2 24.4
179 17.2 12.6 19.0



#72
Anthracene
Concen: 46.370 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:178 Resp: 802635
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.1 12.5 18.7

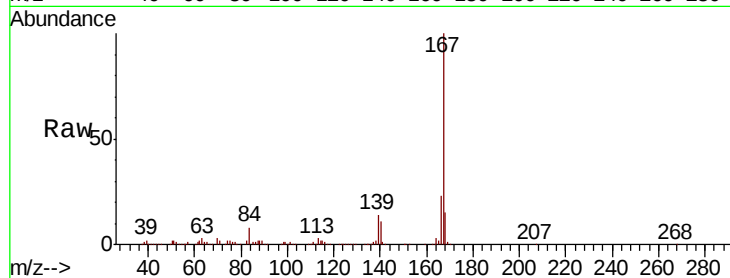




#73
 Carbazole
 Concen: 41.869 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

Instrument :
 BNA_G
 ClientSampleId :
 200051MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.2
139	13.7	10.8	16.2

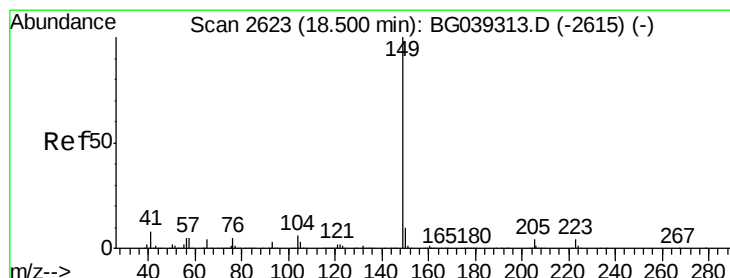
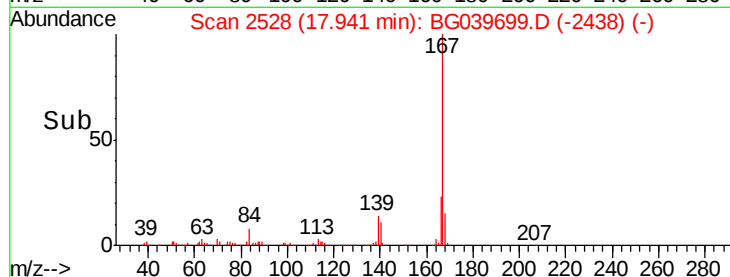
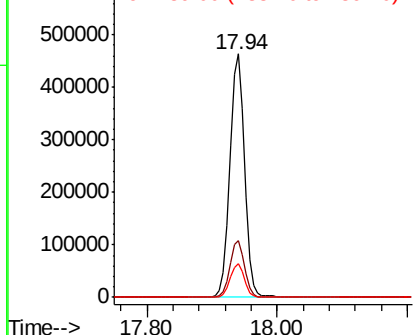


Abundance

Ion 167.00 (166.70 to 167.70): E

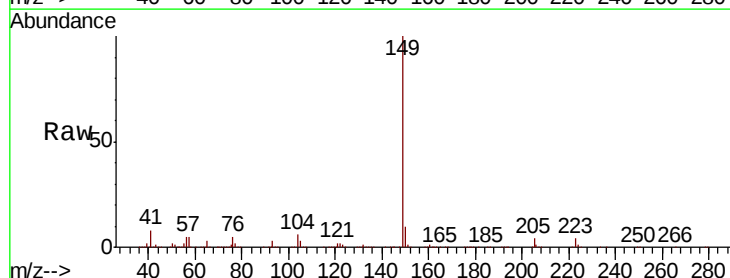
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.369 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. 0.00 min
 Lab File: BG039699.D
 Acq: 1 Mar 2019 22:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.6	4.5	6.7

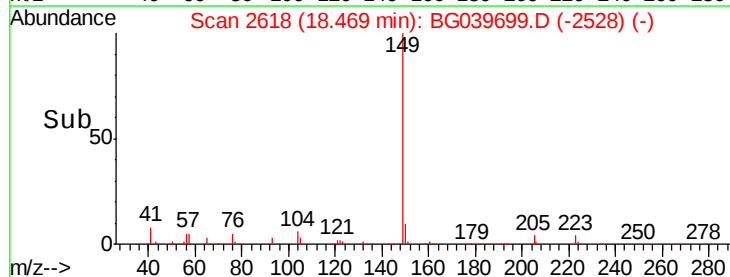
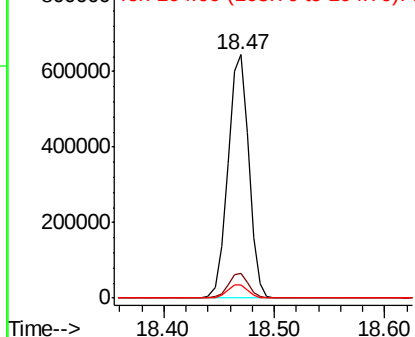


Abundance

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: 47.060 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

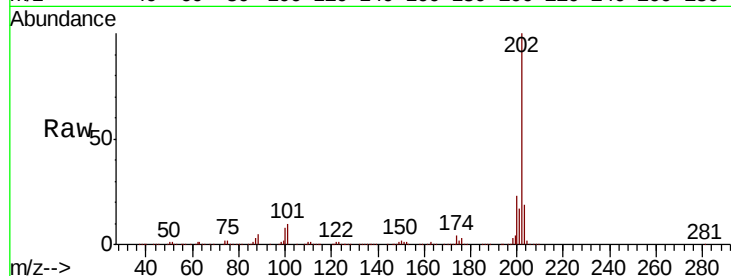
Tgt Ion:202 Resp: 959872

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

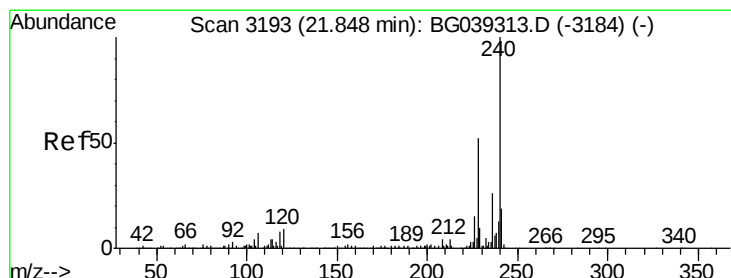
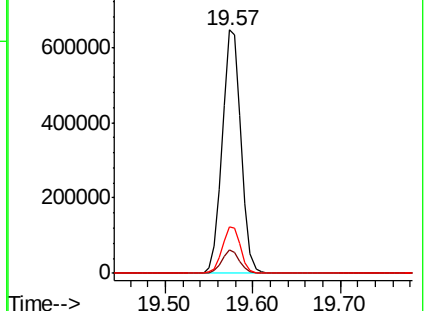
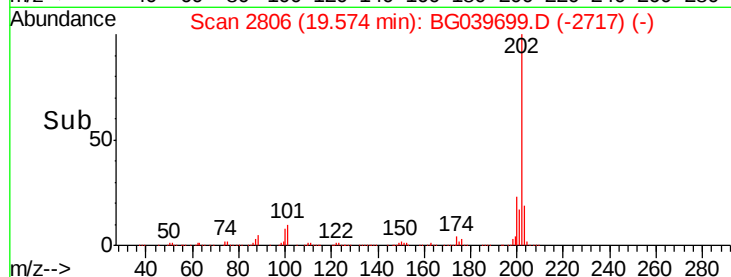
203 19.0 0.0 38.9



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: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

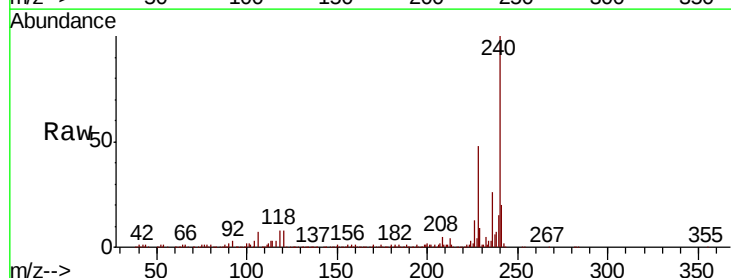
Tgt Ion:240 Resp: 350379

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

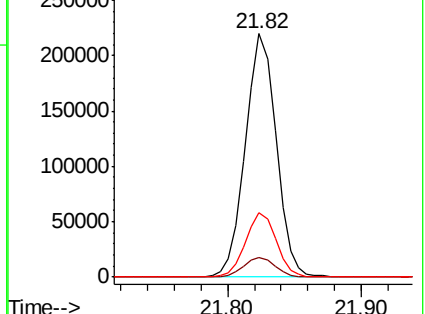
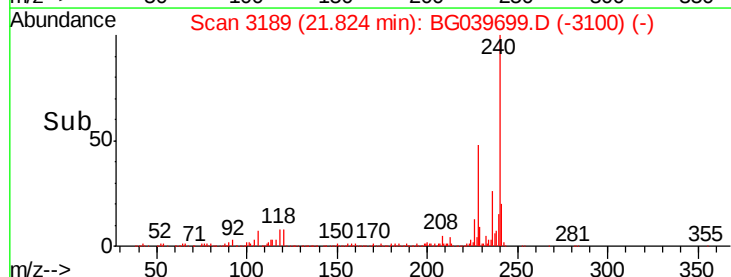
236 26.3 21.0 31.4

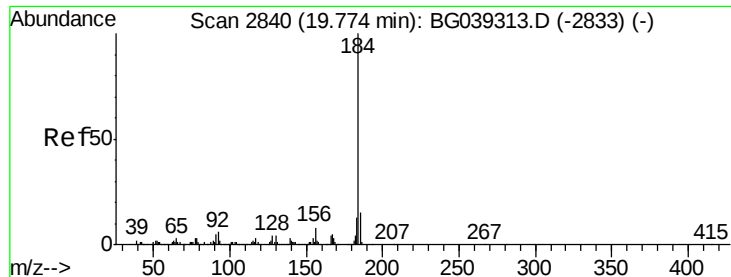


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.923 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

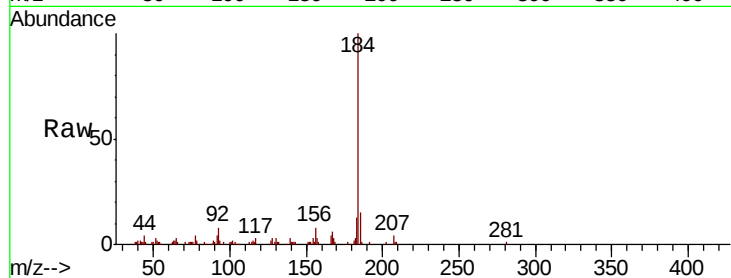
Tgt Ion:184 Resp: 56550

Ion Ratio Lower Upper

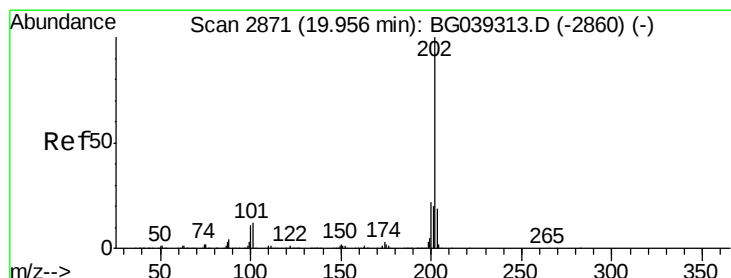
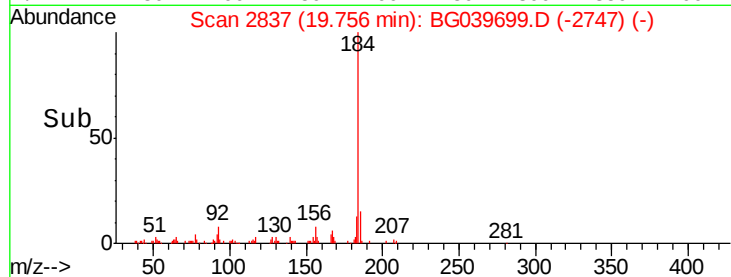
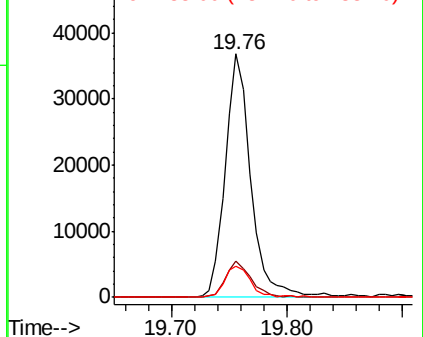
184 100

185 15.1 12.2 18.2

183 12.6 10.6 15.8



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: 45.001 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

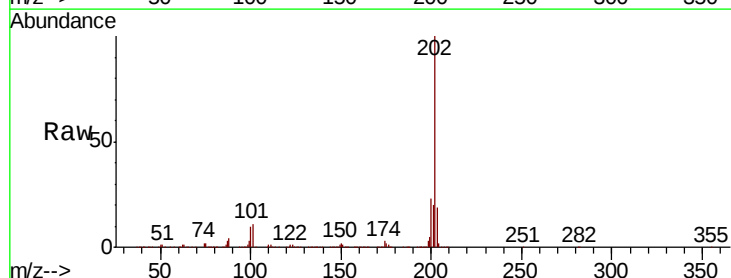
Tgt Ion:202 Resp: 981558

Ion Ratio Lower Upper

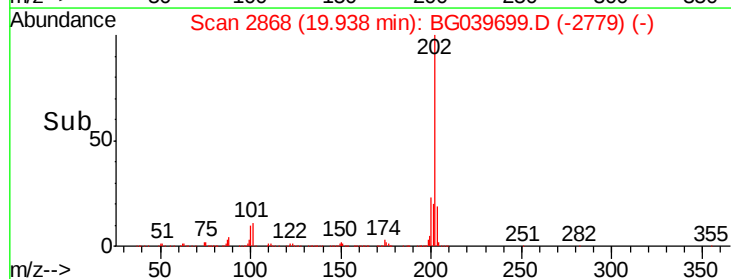
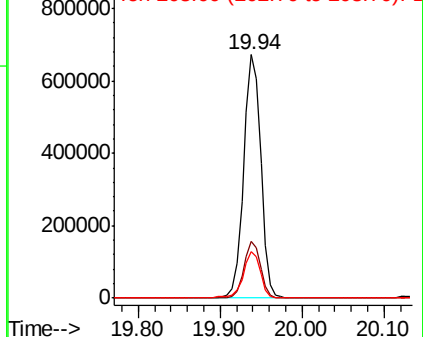
202 100

200 23.1 17.8 26.8

203 18.9 15.3 22.9



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: 86.182 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

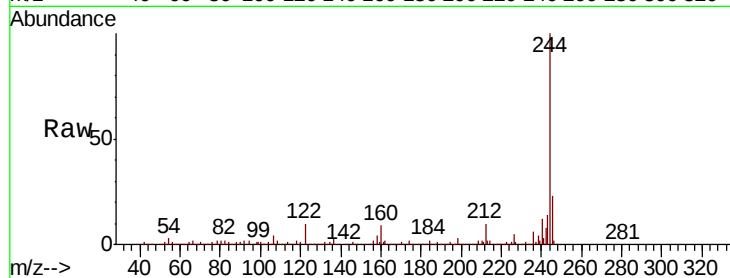
Tgt Ion:244 Resp: 1426589

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

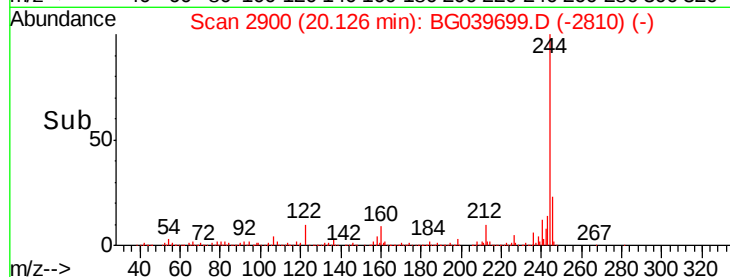
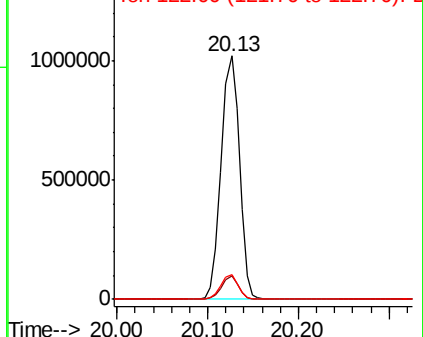
122 10.0 8.4 12.6



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: 45.770 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

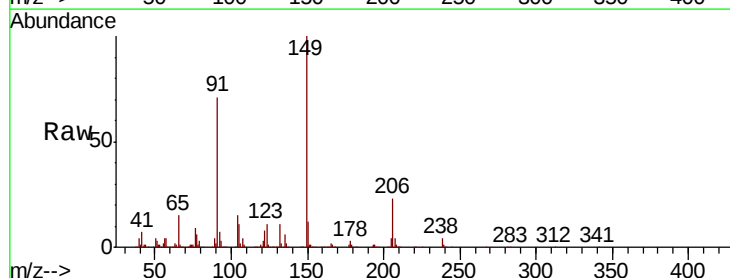
Tgt Ion:149 Resp: 421135

Ion Ratio Lower Upper

149 100

91 71.5 59.5 89.3

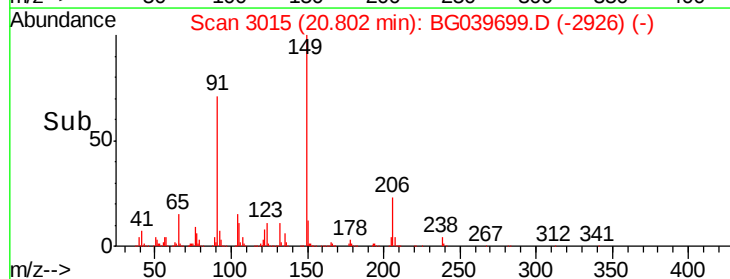
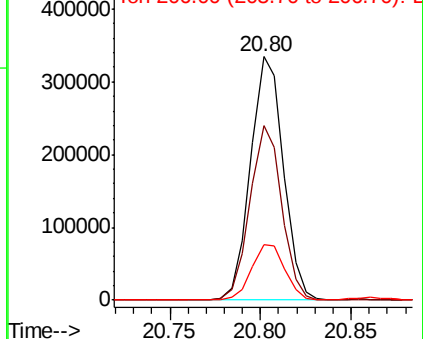
206 22.9 18.6 27.8

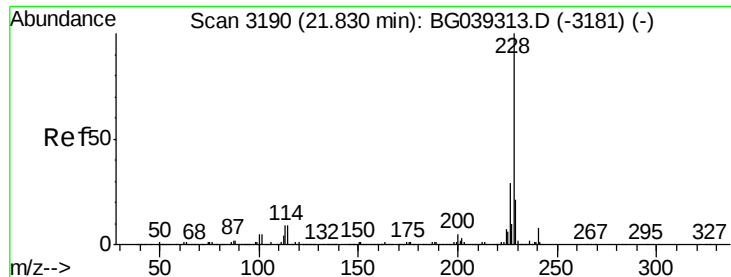


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

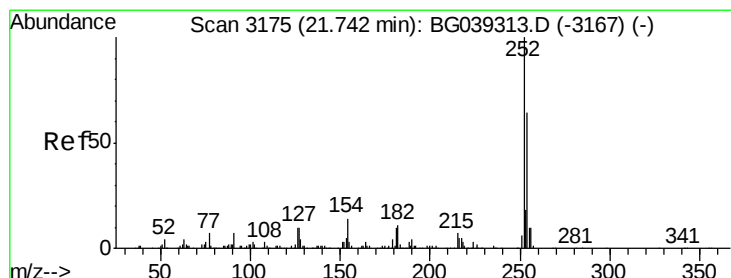
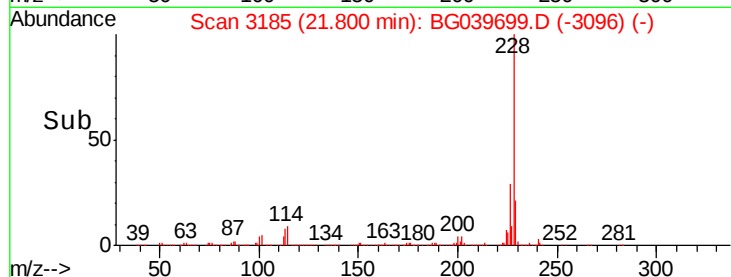
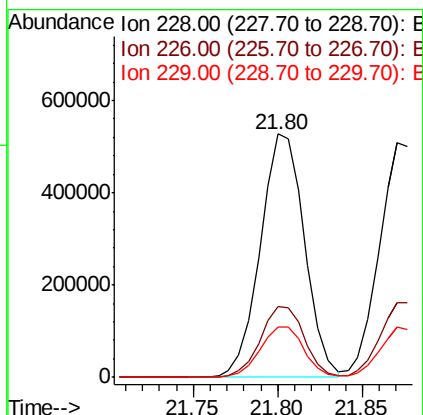
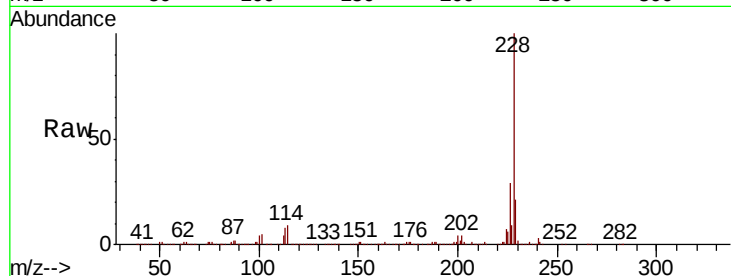




#81
Benzo(a)anthracene
Concen: 46.131 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

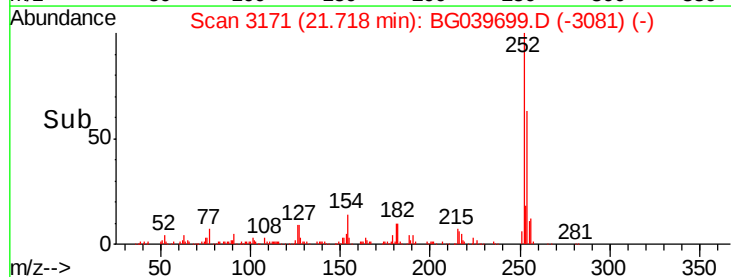
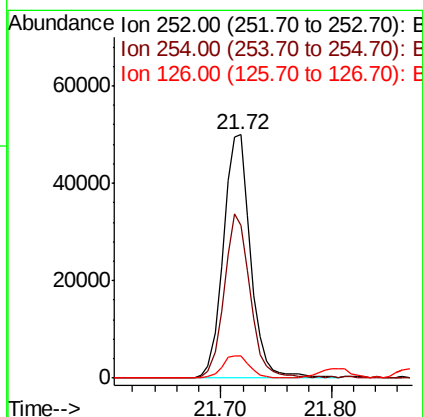
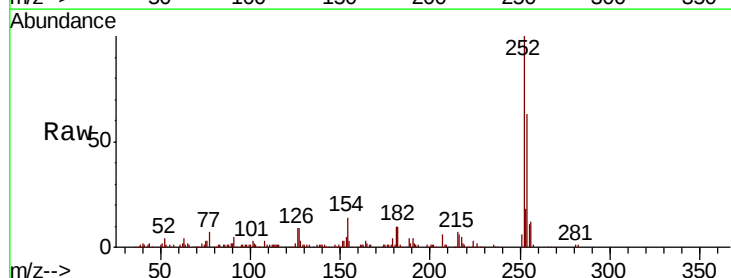
Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:228 Resp: 955079
Ion Ratio Lower Upper
228 100
226 29.3 23.0 34.6
229 20.9 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 11.247 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:252 Resp: 86343
Ion Ratio Lower Upper
252 100
254 62.9 51.3 76.9
126 9.0 8.0 12.0





#83

Chrysene

Concen: 46.008 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

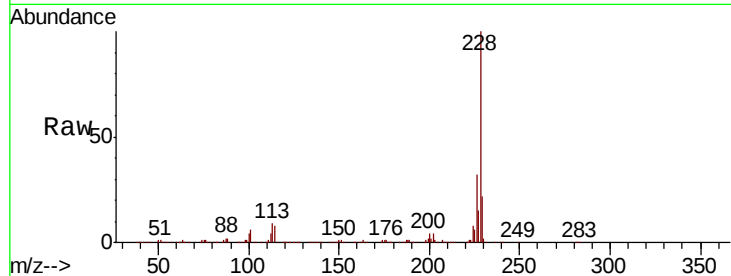
Tgt Ion:228 Resp: 906751

Ion Ratio Lower Upper

228 100

226 32.0 25.8 38.6

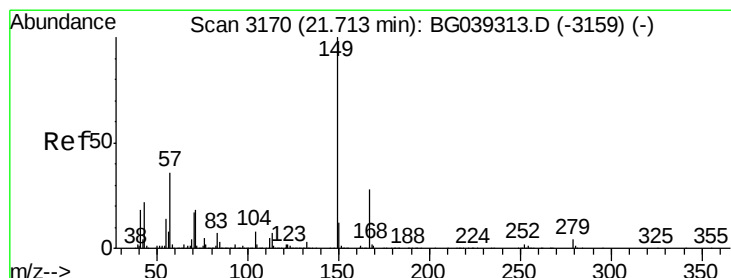
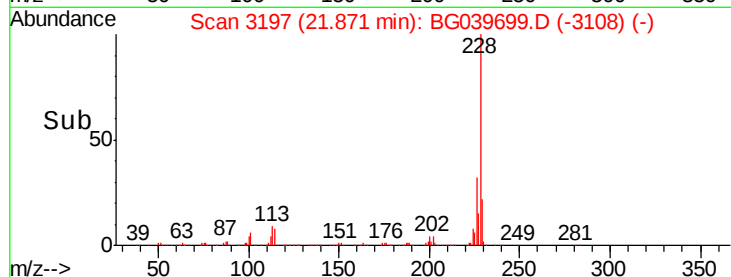
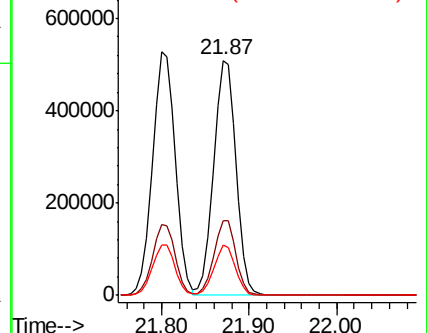
229 21.5 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.749 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

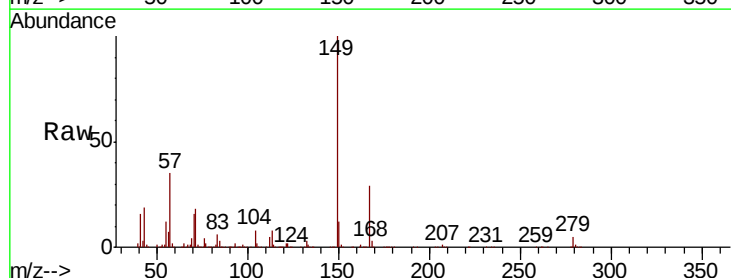
Tgt Ion:149 Resp: 574280

Ion Ratio Lower Upper

149 100

167 28.9 22.6 34.0

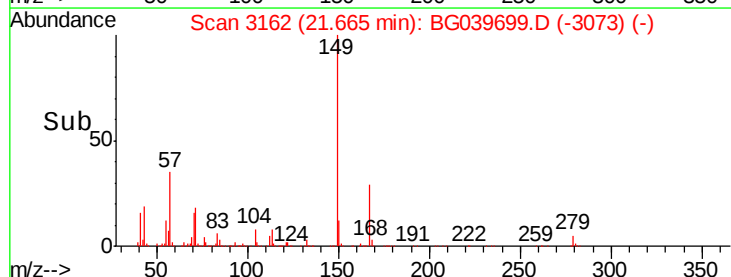
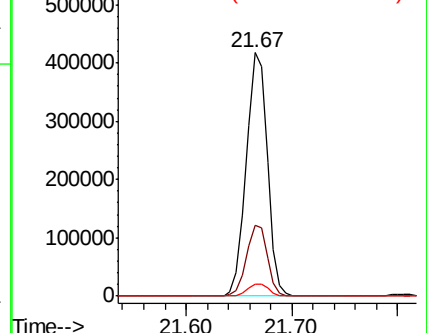
279 5.1 3.5 5.3

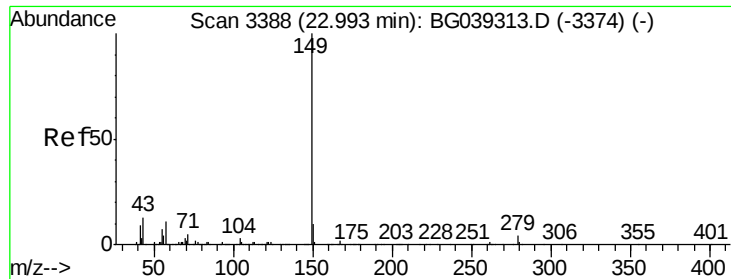


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.576 ng

RT: 22.92 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

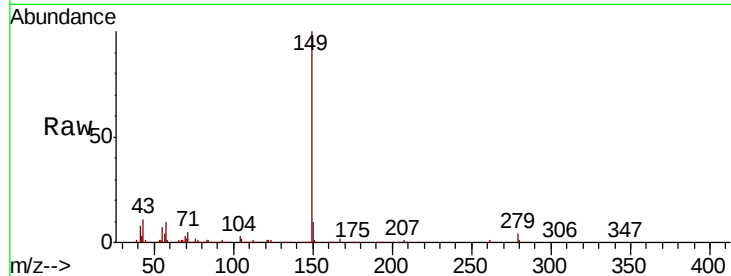
Tgt Ion:149 Resp: 988379

Ion Ratio Lower Upper

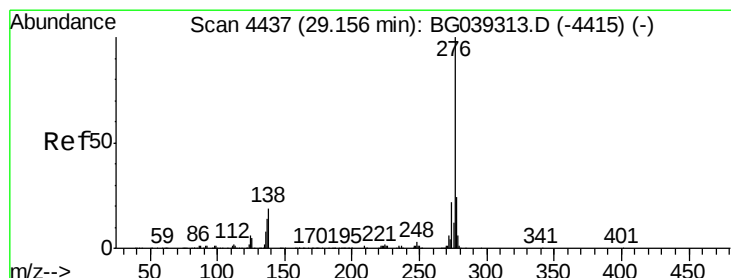
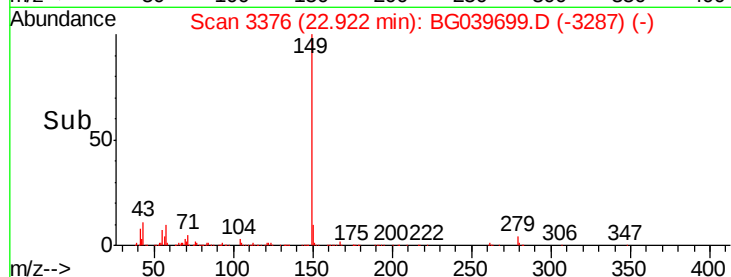
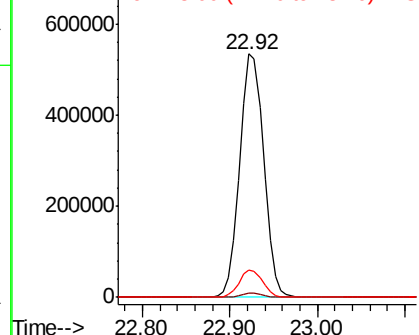
149 100

167 1.7 1.3 1.9

43 11.1 10.2 15.4



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: 49.440 ng

RT: 29.08 min Scan# 4425

Delta R.T. -0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

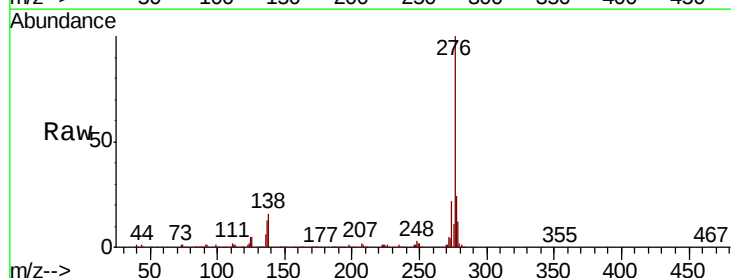
Tgt Ion:276 Resp: 1045437

Ion Ratio Lower Upper

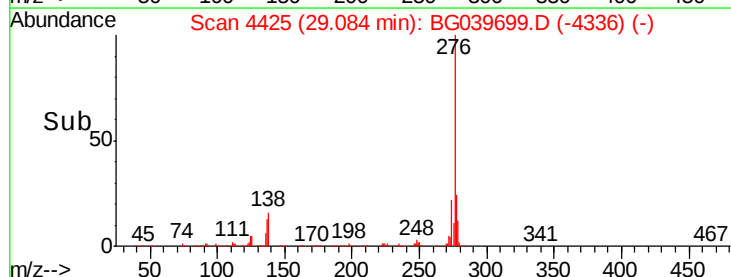
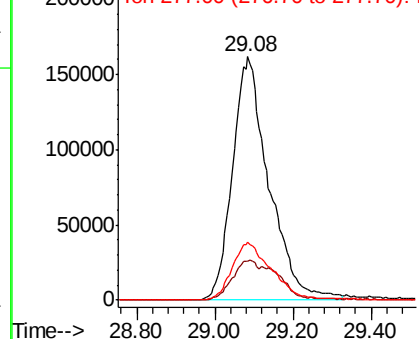
276 100

138 11.4 12.6 19.0#

277 25.6 20.8 31.2



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

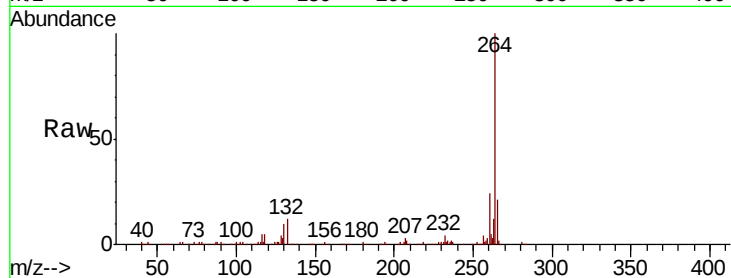
Tgt Ion:264 Resp: 364893

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

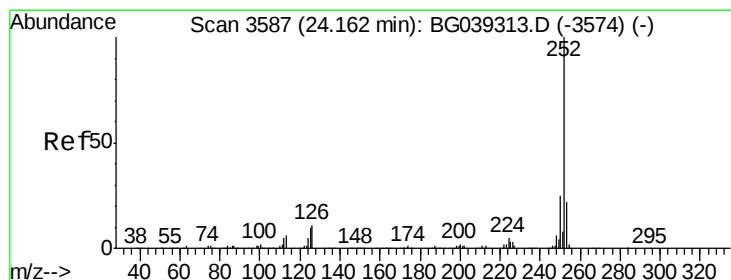
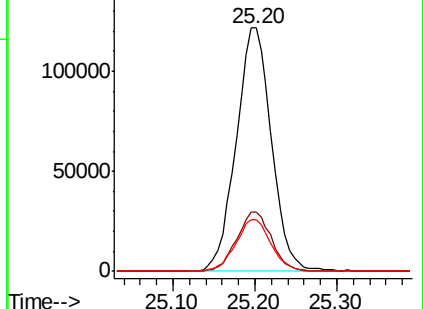
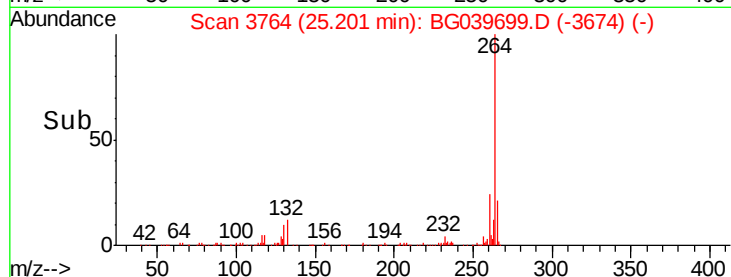
265 21.3 18.5 27.7



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: 47.674 ng

RT: 24.12 min Scan# 3580

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

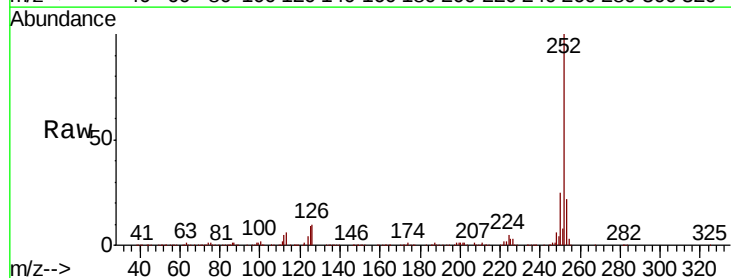
Tgt Ion:252 Resp: 948687

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

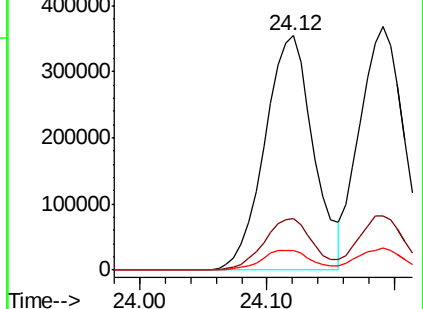
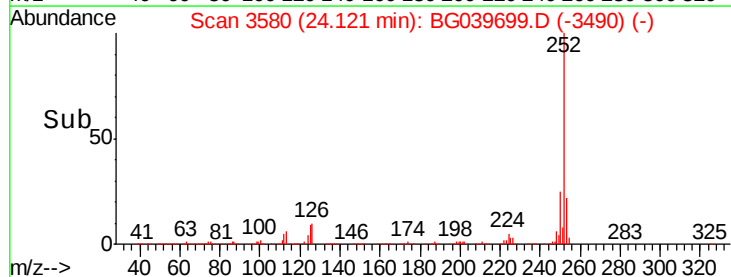
125 8.5 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.897 ng

RT: 24.19 min Scan# 3592

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

Instrument :

BNA_G

ClientSampleId :

200051MS

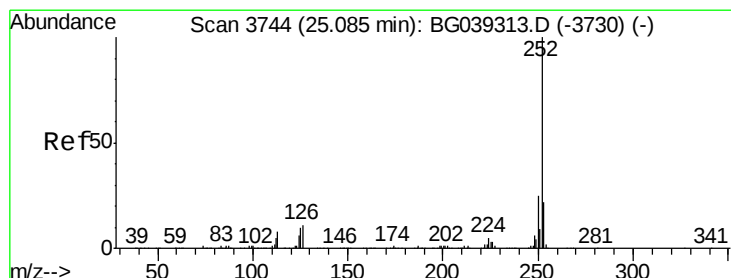
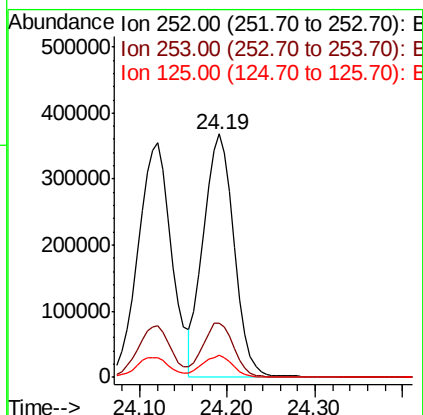
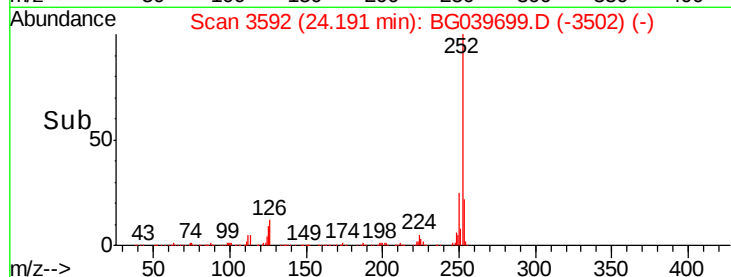
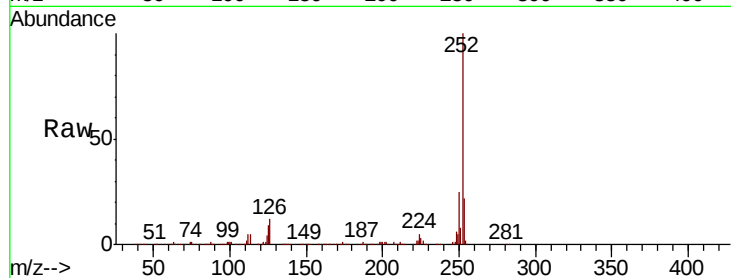
Tgt Ion:252 Resp: 896982

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 9.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 47.816 ng

RT: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG039699.D

Acq: 1 Mar 2019 22:57

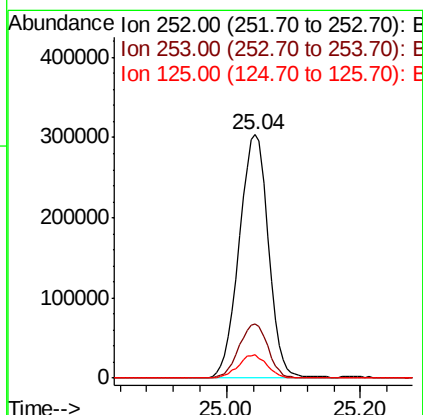
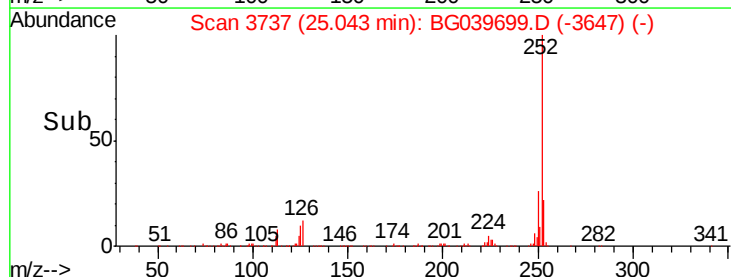
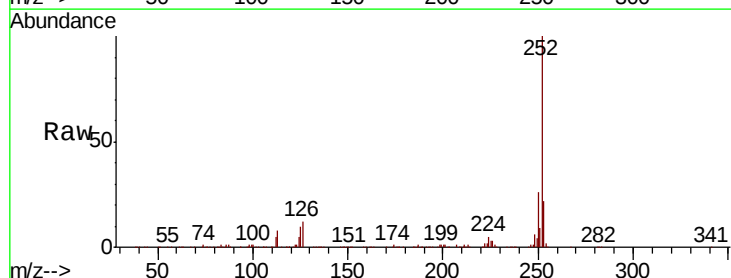
Tgt Ion:252 Resp: 916379

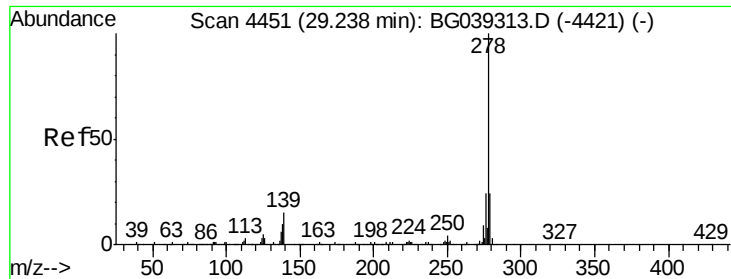
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 9.8 8.3 12.5

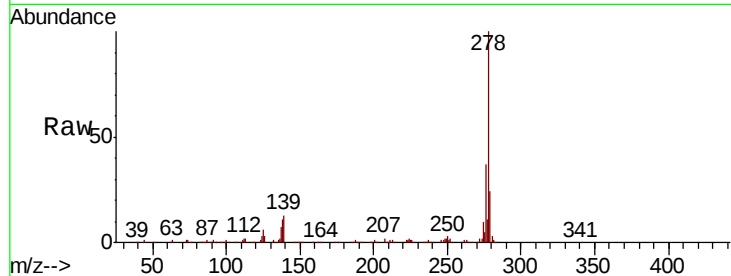




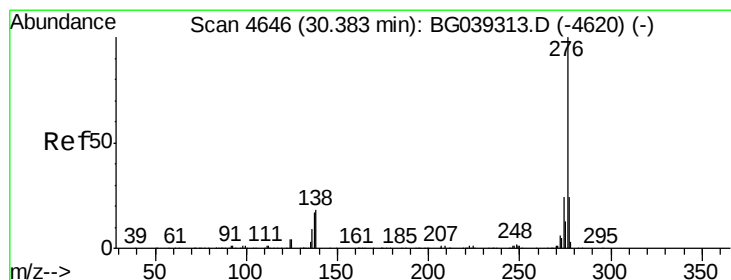
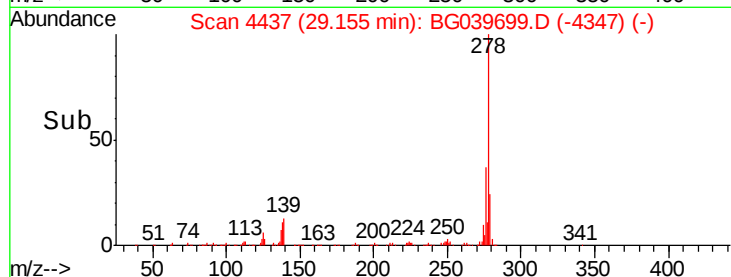
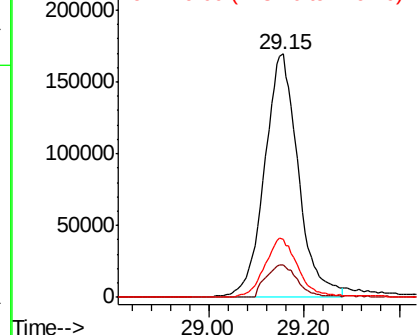
#91
Dibenzo(a,h)anthracene
Concen: 46.140 ng
RT: 29.15 min Scan# 4437
Delta R.T. 0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Instrument :
BNA_G
ClientSampleId :
200051MS

Tgt Ion:278 Resp: 828118
Ion Ratio Lower Upper
278 100
139 13.1 11.7 17.5
279 23.8 19.1 28.7

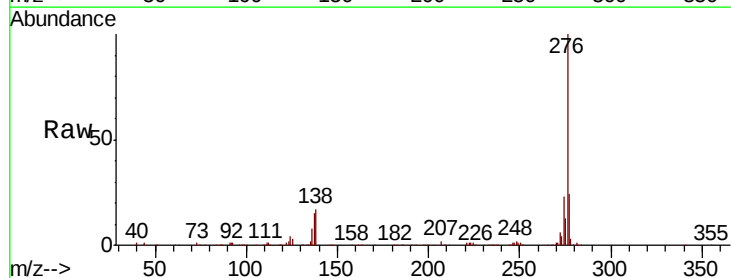


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.043 ng
RT: 30.31 min Scan# 4633
Delta R.T. -0.00 min
Lab File: BG039699.D
Acq: 1 Mar 2019 22:57

Tgt Ion:276 Resp: 859439
Ion Ratio Lower Upper
276 100
277 23.8 19.6 29.4
138 17.3 14.7 22.1



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

