

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039100.D
 Acq On : 12 Jan 2019 00:40
 Operator : JU/SJ
 Sample : K1100-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 03:10:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29182	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	133682	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	104761	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	269266	20.00	ng	0.00
76) Chrysene-d12	21.69	240	210279	20.00	ng	-0.01
87) Perylene-d12	24.97	264	233415	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	223057	145.00	ng	0.00
7) Phenol-d6	7.19	99	341557	154.28	ng	0.00
23) Nitrobenzene-d5	9.21	82	192549	78.82	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	194564	110.79	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	537169	70.17	ng	0.00
79) Terphenyl-d14	20.02	244	854765	75.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	19004	31.546	ng	98
3) Pyridine	3.86	79	58494	35.734	ng	# 85
4) n-Nitrosodimethylamine	3.78	42	31775	43.138	ng	94
6) Aniline	7.36	93	43705	16.438	ng	94
8) 2-Chlorophenol	7.59	128	91130	50.254	ng	98
9) Benzaldehyde	7.17	77	28358	22.211	ng	97
10) Phenol	7.22	94	129924	58.535	ng	92
11) bis(2-Chloroethyl)ether	7.44	93	74643	44.001	ng	98
12) 1,3-Dichlorobenzene	7.91	146	82946	38.177	ng	97
13) 1,4-Dichlorobenzene	8.06	146	85501	38.857	ng	98
14) 1,2-Dichlorobenzene	8.38	146	84832	40.435	ng	98
15) Benzyl Alcohol	8.27	79	83164	49.882	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	136804	42.056	ng	99
17) 2-Methylphenol	8.47	107	81993	53.200	ng	93
18) Hexachloroethane	9.10	117	29058	38.871	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	67055	46.124	ng	# 92
20) 3+4-Methylphenols	8.80	107	117156	53.316	ng	95
22) Acetophenone	8.85	105	135192	38.725	ng	96
24) Nitrobenzene	9.25	77	97177	39.353	ng	99
25) Isophorone	9.76	82	203032	48.246	ng	99
26) 2-Nitrophenol	9.95	139	52945	39.640	ng	99
27) 2,4-Dimethylphenol	10.01	122	89747	47.760	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	108265	42.806	ng	99
29) 2,4-Dichlorophenol	10.49	162	112330	48.118	ng	93
30) 1,2,4-Trichlorobenzene	10.70	180	102369	36.496	ng	99
31) Naphthalene	10.89	128	284823	42.481	ng	99
32) Benzoic acid	10.01	122	89747	71.818	ng	# 15
33) 4-Chloroaniline	11.02	127	32888	10.962	ng	96
34) Hexachlorobutadiene	11.15	225	65047	33.703	ng	99
35) Caprolactam	11.80	113	27089	28.938	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	124451	49.843	ng	91
37) 2-Methylnaphthalene	12.49	142	226372	45.033	ng	97
38) 1-Methylnaphthalene	12.71	142	230856	47.847	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	143447	36.460	ng	99

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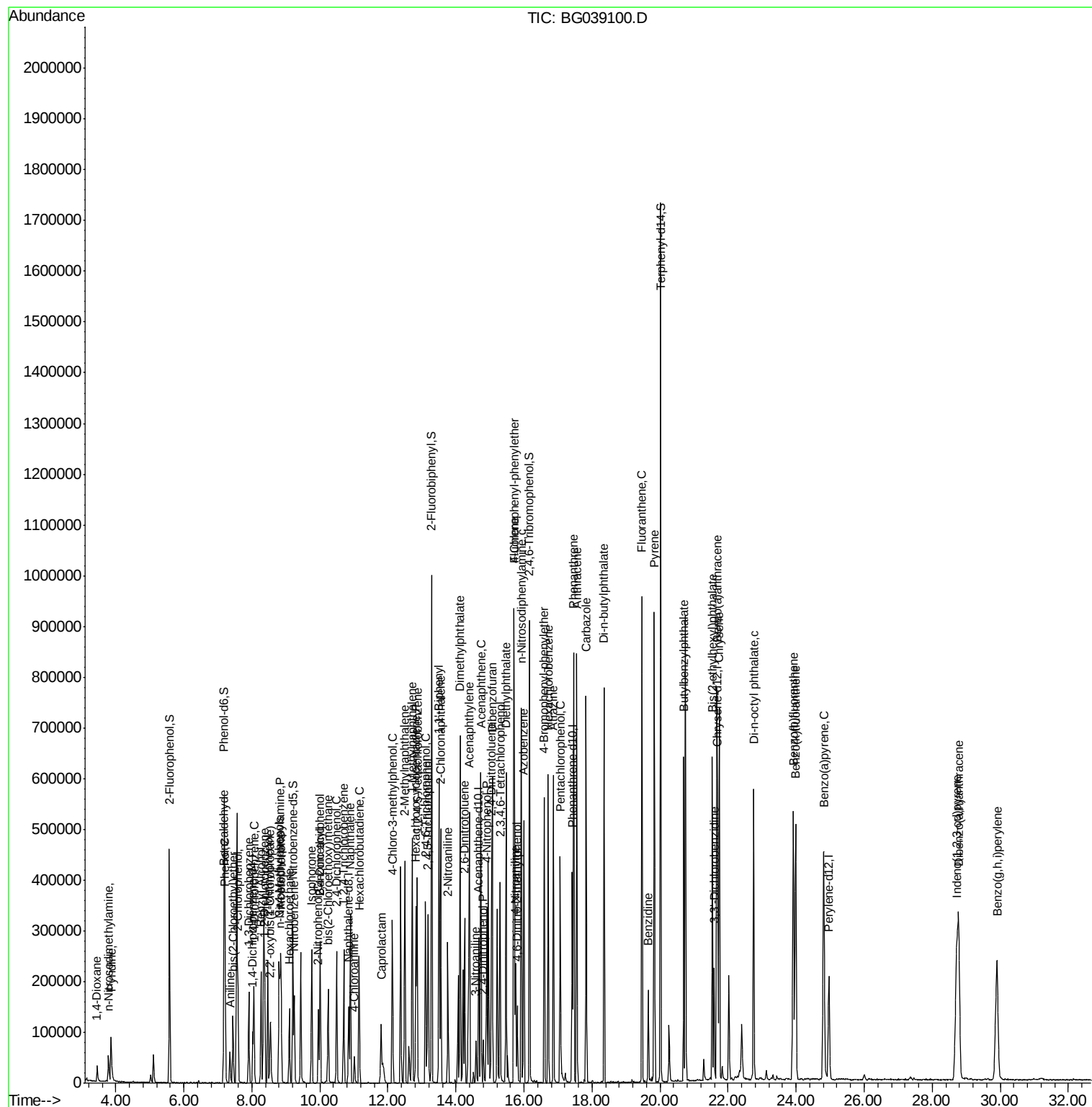
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	113424	53.253	ng	96
43) 2,4,6-Trichlorophenol	13.10	196	101738	41.086	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	110653	42.280	ng	97
46) 1,1'-Biphenyl	13.50	154	337931	40.710	ng	98
47) 2-Chloronaphthalene	13.55	162	271377	40.399	ng	98
48) 2-Nitroaniline	13.76	65	83448	44.342	ng	97
49) Acenaphthylene	14.40	152	414487	41.052	ng	99
50) Dimethylphthalate	14.12	163	491758	55.548	ng	100
51) 2,6-Dinitrotoluene	14.25	165	79000	39.914	ng	95
52) Acenaphthene	14.73	154	238797	39.364	ng	96
53) 3-Nitroaniline	14.59	138	23775	11.841	ng	98
54) 2,4-Dinitrophenol	14.80	184	25325	25.347	ng	94
55) Dibenzofuran	15.07	168	418027	39.017	ng	98
56) 4-Nitrophenol	14.90	139	101354	70.157	ng	94
57) 2,4-Dinitrotoluene	15.04	165	114761	40.415	ng	96
58) Fluorene	15.71	166	337453	41.844	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	97964	39.654	ng	100
60) Diethylphthalate	15.47	149	365548	40.077	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	187412	36.887	ng	96
62) 4-Nitroaniline	15.75	138	74813	35.768	ng	94
63) Azobenzene	15.99	77	293025	41.081	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	43345	21.728	ng	100
66) n-Nitrosodiphenylamine	15.92	169	328142	41.108	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	132677	38.332	ng	95
68) Hexachlorobenzene	16.71	284	136372	36.107	ng	100
69) Atrazine	16.86	200	125671	37.060	ng	96
70) Pentachlorophenol	17.06	266	104126	47.186	ng	98
71) Phenanthrene	17.46	178	567240	39.855	ng	98
72) Anthracene	17.55	178	578390	41.102	ng	99
73) Carbazole	17.83	167	507727	36.549	ng	99
74) Di-n-butylphthalate	18.36	149	595499	38.533	ng	100
75) Fluoranthene	19.47	202	624903	35.418	ng	99
77) Benzidine	19.65	184	120730	18.771	ng	98
78) Pyrene	19.83	202	627991	46.862	ng	99
80) Butylbenzylphthalate	20.70	149	213558	41.900	ng	98
81) Benzo(a)anthracene	21.67	228	535091	41.802	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	84268	16.157	ng	97
83) Chrysene	21.74	228	497402	40.856	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	294140	41.563	ng	96
85) Di-n-octyl phthalate	22.75	149	519125	43.381	ng	99
86) Indeno(1,2,3-cd)pyrene	28.71	276	618930	42.545	ng	# 95
88) Benzo(b)fluoranthene	23.92	252	550439	42.768	ng	99
89) Benzo(k)fluoranthene	23.99	252	542372	42.621	ng	100
90) Benzo(a)pyrene	24.81	252	551664	44.345	ng	# 99
91) Dibenzo(a,h)anthracene	28.77	278	512209	41.394	ng	99
92) Benzo(g,h,i)perylene	29.90	276	534838	43.660	ng	# 95

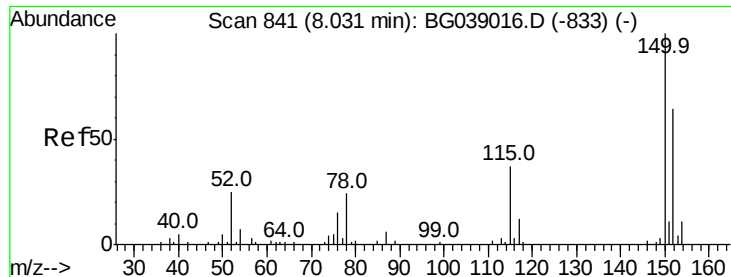
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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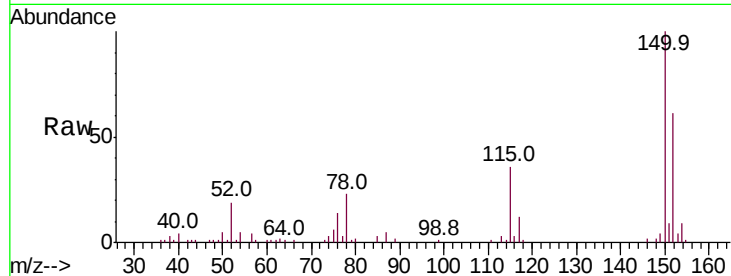


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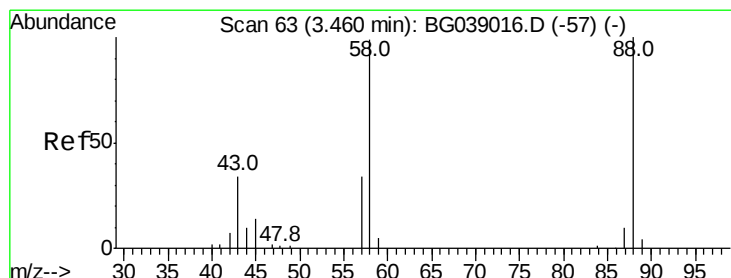
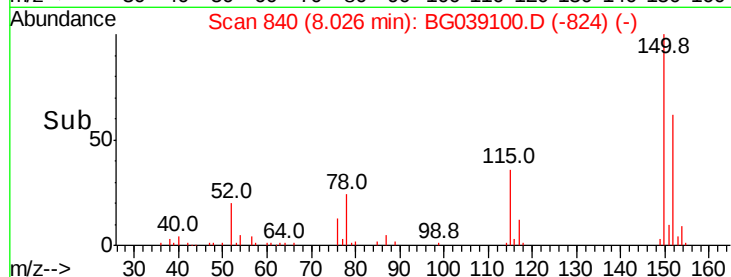
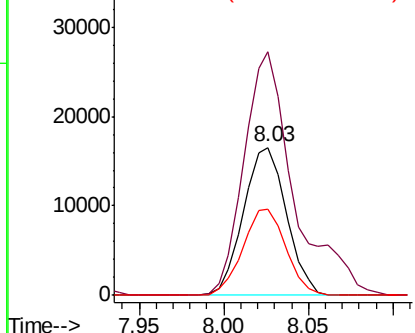
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29182
Ion Ratio Lower Upper
152 100
150 164.2 124.7 187.1
115 58.5 46.5 69.7



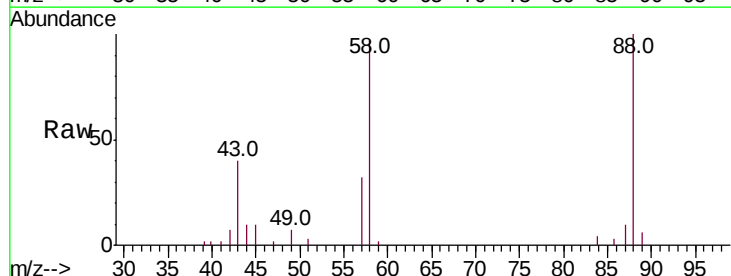
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



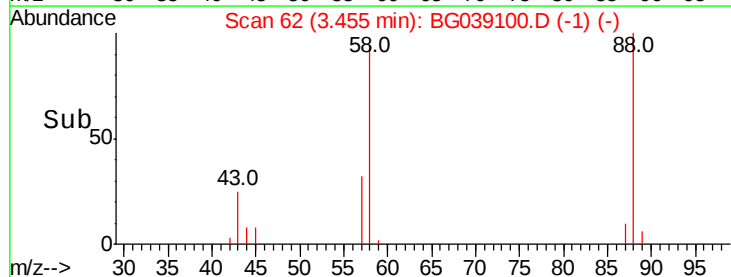
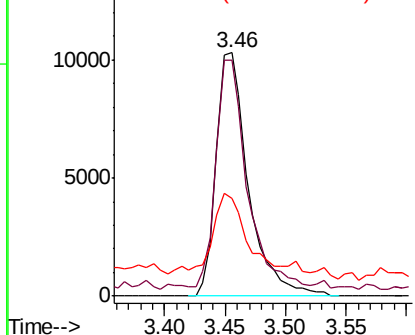
#2

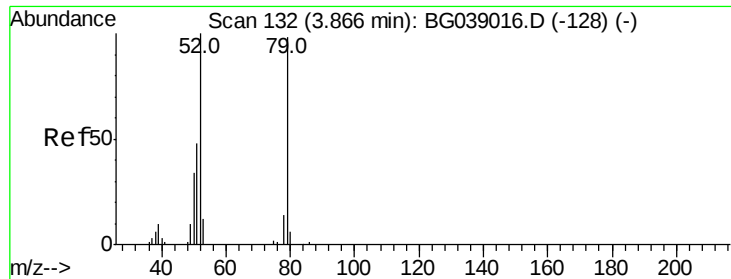
1,4-Dioxane
Concen: 31.546 ng
RT: 3.46 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion: 88 Resp: 19004
Ion Ratio Lower Upper
88 100
58 87.7 72.4 108.6
43 34.0 27.6 41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.734 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

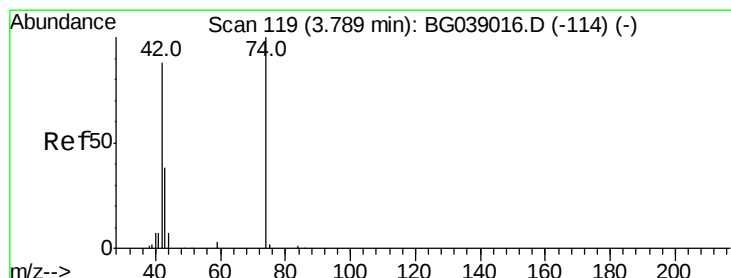
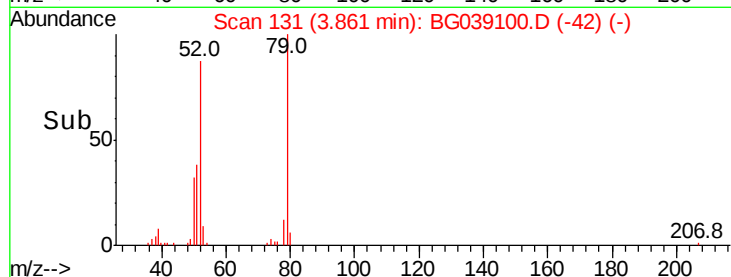
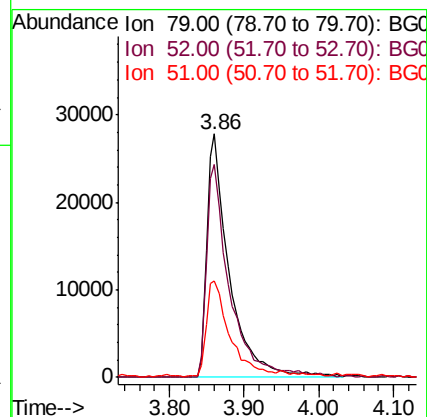
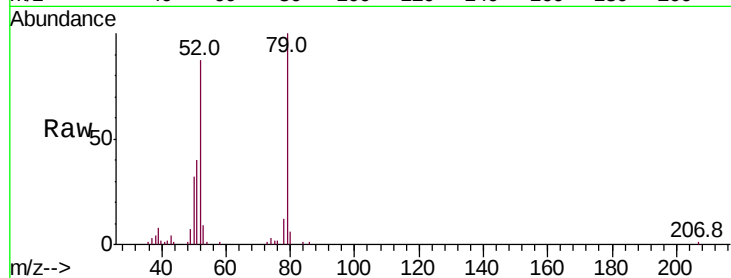
Tot Ion: 79 Resp: 58494

Ion Ratio Lower Upper

79 100

52 87.2 81.5 122.3

51 39.6 39.8 59.6#



#4

n-Nitrosodimethylamine

Concen: 43.138 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

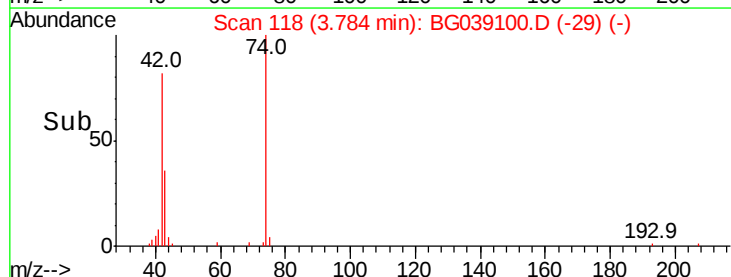
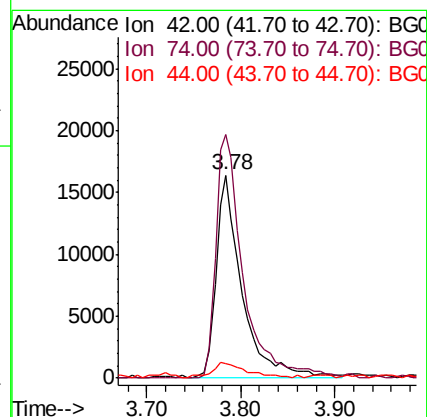
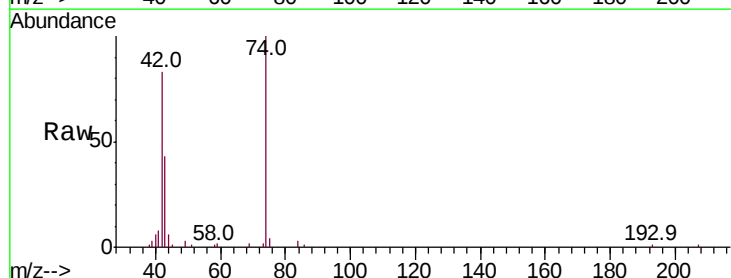
Tgt Ion: 42 Resp: 31775

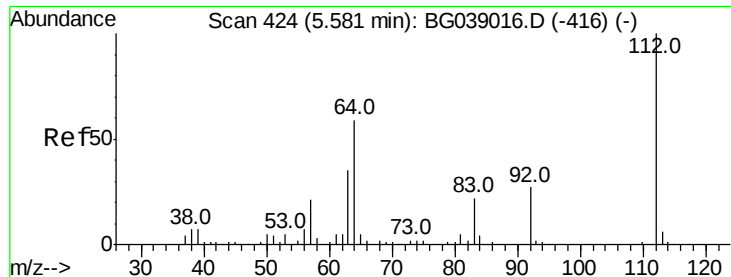
Ion Ratio Lower Upper

42 100

74 120.0 90.7 136.1

44 7.2 6.5 9.7





#5

2-Fluorophenol

Concen: 144.999 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampled :

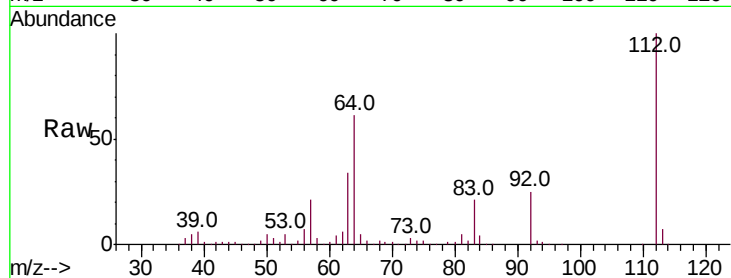
Tot Ion:112 Resp: 223057

Ion Ratio Lower Upper

112 100

64 60.7 47.0 70.6

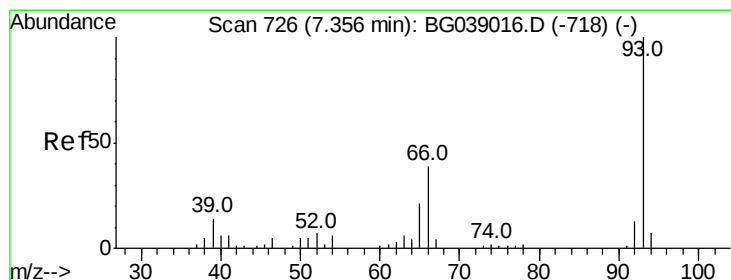
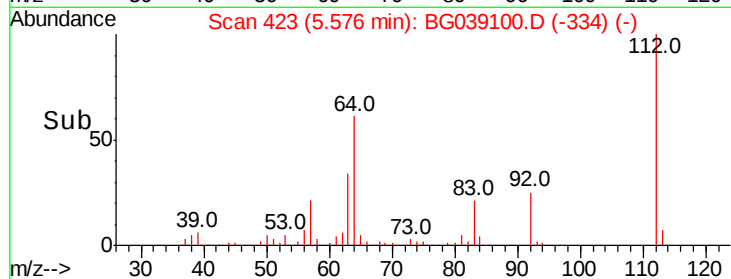
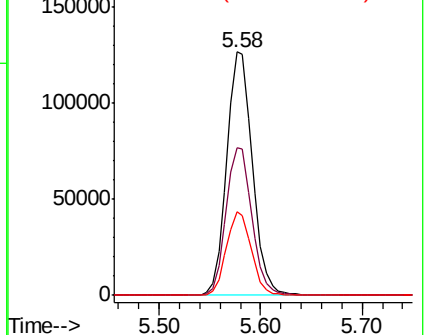
63 34.1 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.438 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

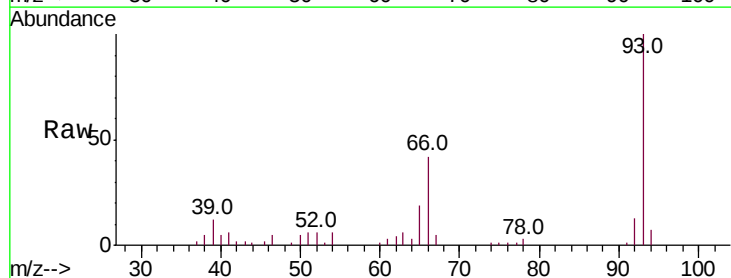
Tgt Ion: 93 Resp: 43705

Ion Ratio Lower Upper

93 100

66 42.4 30.9 46.3

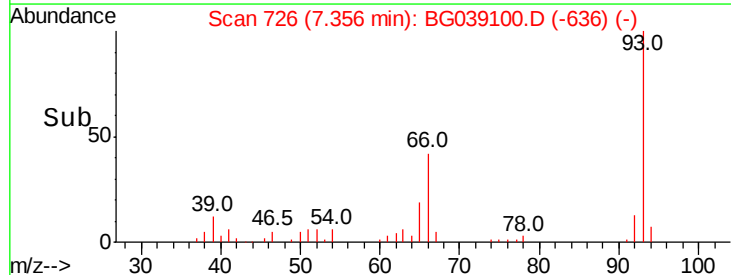
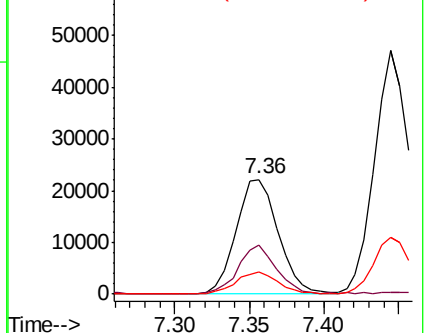
65 19.3 17.0 25.4

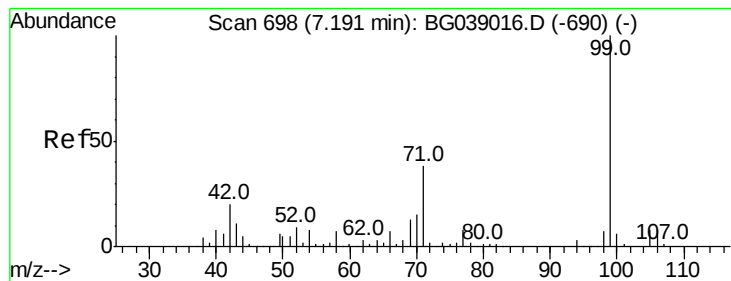


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.281 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampled :

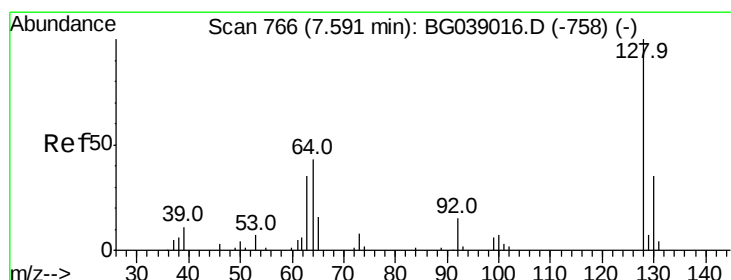
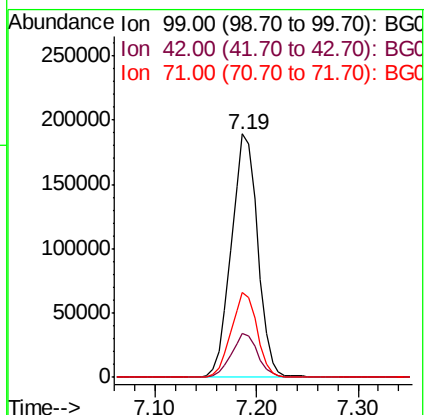
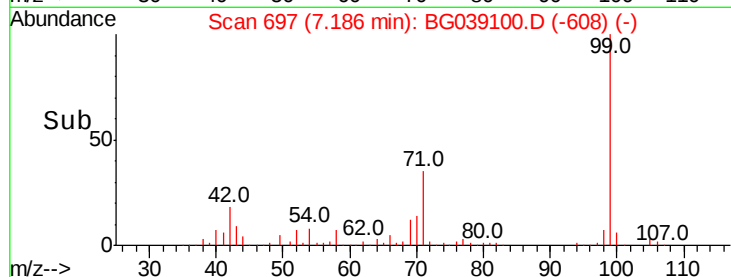
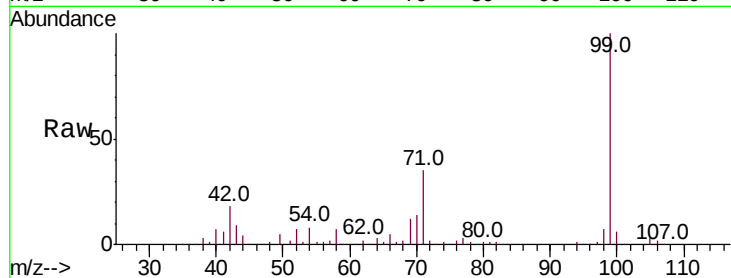
Tot Ion: 99 Resp: 341557

Ion Ratio Lower Upper

99 100

42 17.9 15.8 23.6

71 35.0 30.2 45.4



#8

2-Chlorophenol

Concen: 50.254 ng

RT: 7.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

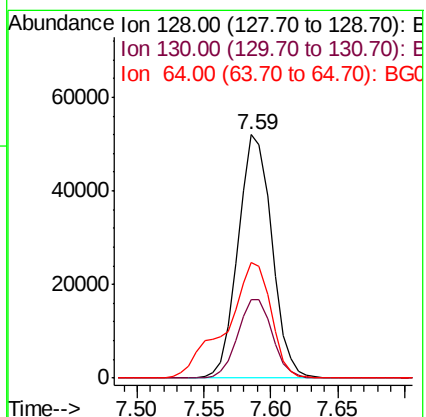
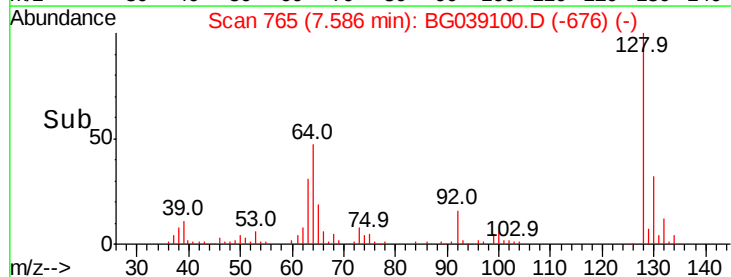
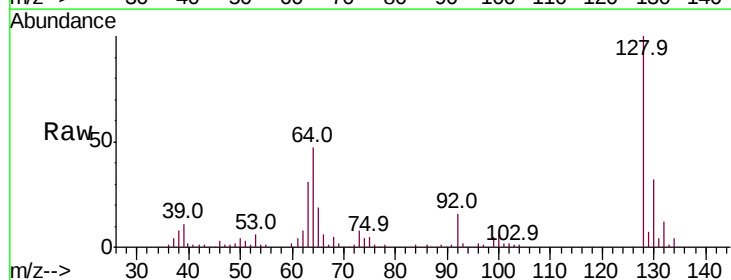
Tgt Ion: 128 Resp: 91130

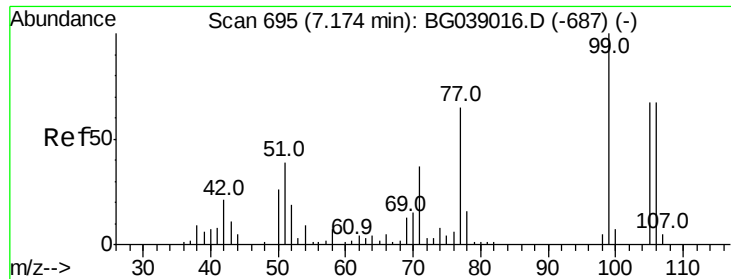
Ion Ratio Lower Upper

128 100

130 32.1 14.5 54.5

64 47.5 27.3 67.3





#9

Benzaldehyde

Concen: 22.211 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG039100.D

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ClientSampleId :

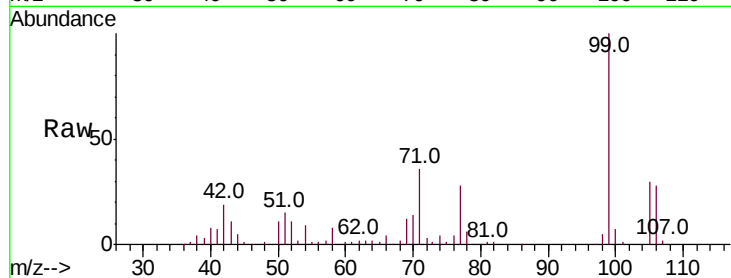
Tot Ion: 77 Resp: 28358

Ion Ratio Lower Upper

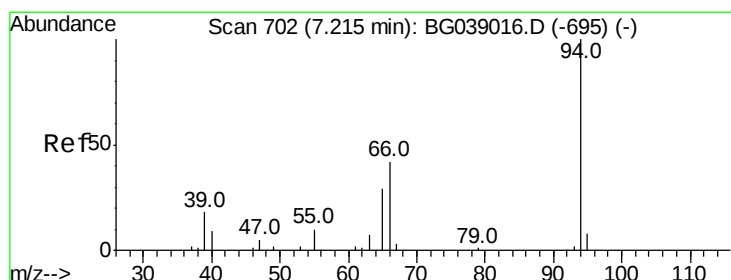
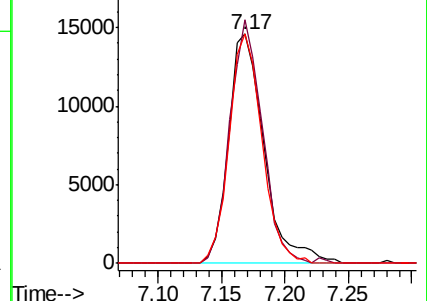
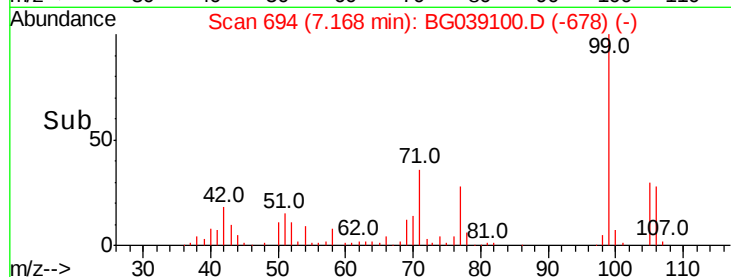
77 100

105 106.2 82.4 122.4

106 100.0 82.8 122.8



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



#10

Phenol

Concen: 58.535 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

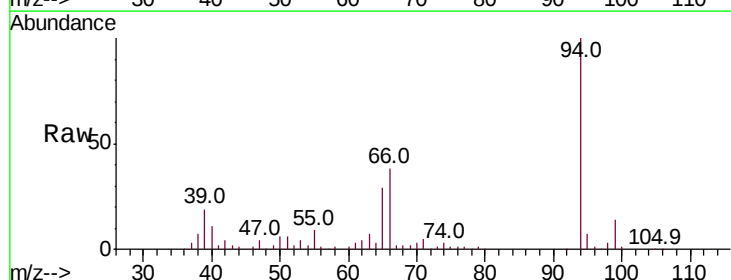
Tgt Ion: 94 Resp: 129924

Ion Ratio Lower Upper

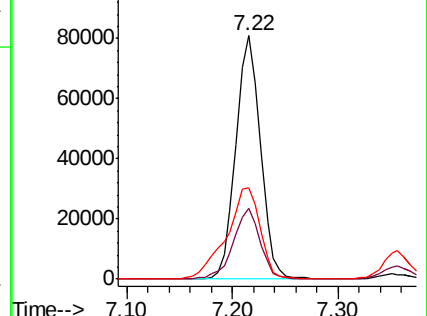
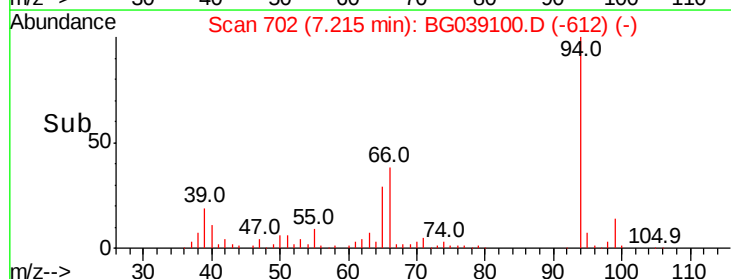
94 100

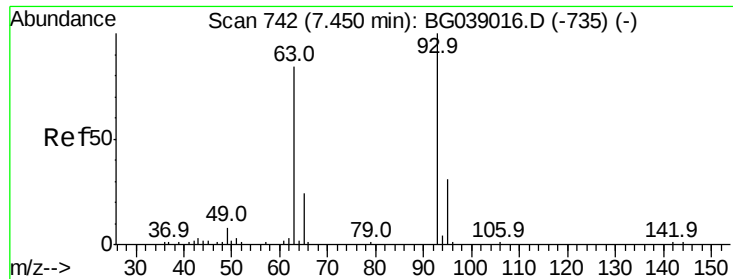
65 28.9 10.3 50.3

66 37.6 25.1 65.1



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





#11

bis(2-Chloroethyl)ether

Concen: 44.001 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

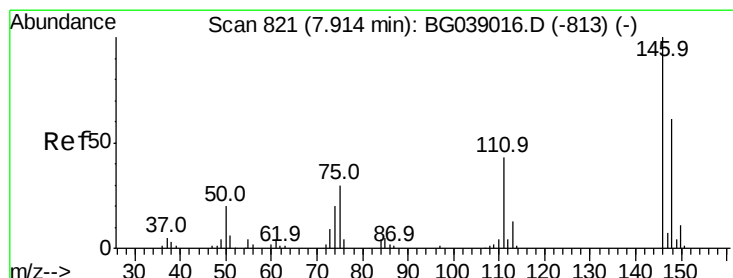
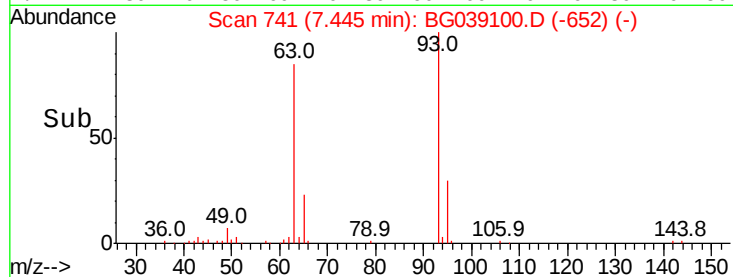
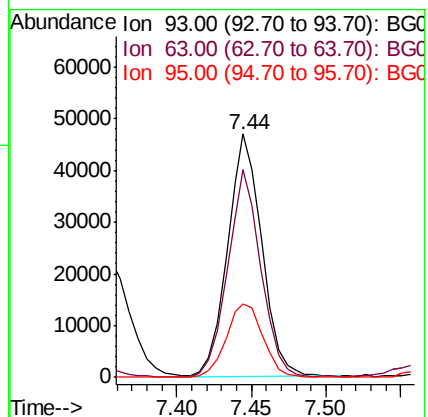
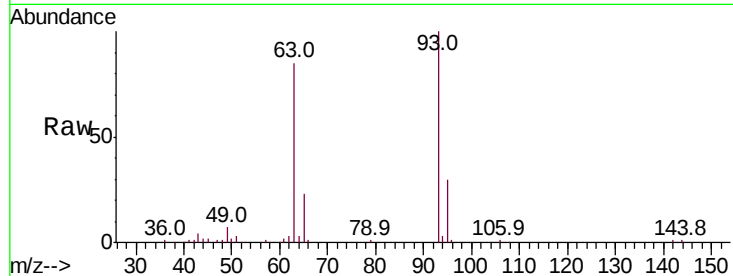
Tot Ion: 93 Resp: 74643

Ion Ratio Lower Upper

93 100

63 85.5 63.2 103.2

95 29.9 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 38.177 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

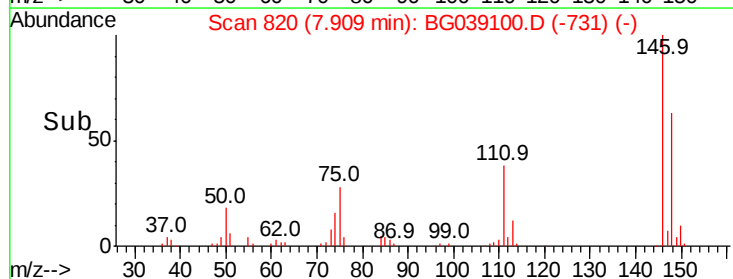
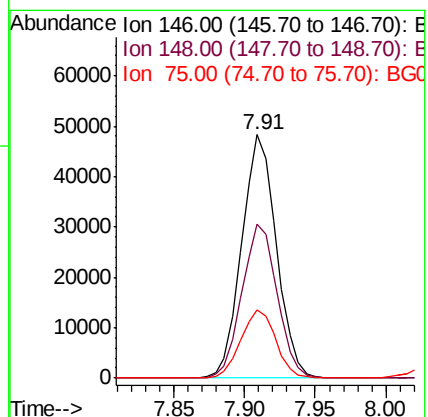
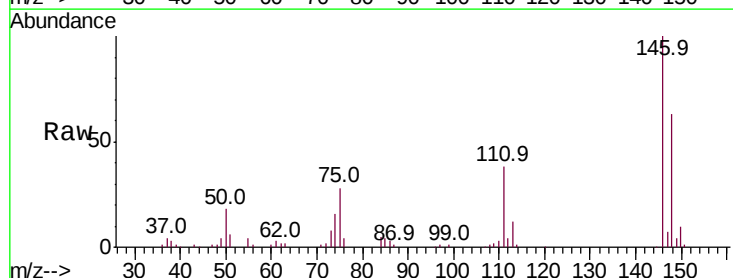
Tgt Ion: 146 Resp: 82946

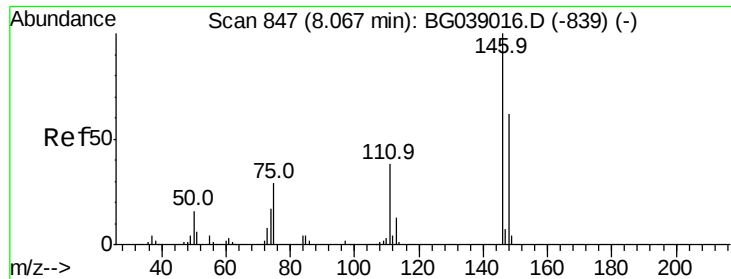
Ion Ratio Lower Upper

146 100

148 63.1 49.1 73.7

75 28.2 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 38.857 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

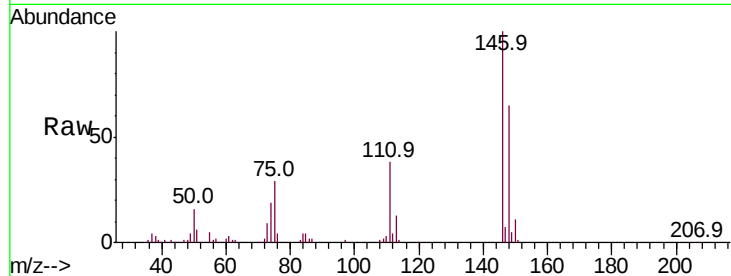
Tot Ion:146 Resp: 85501

Ion Ratio Lower Upper

146 100

148 64.9 49.8 74.6

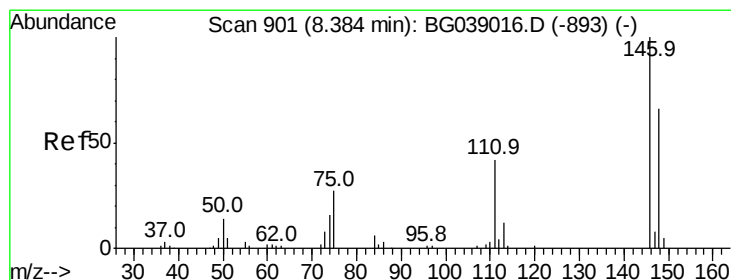
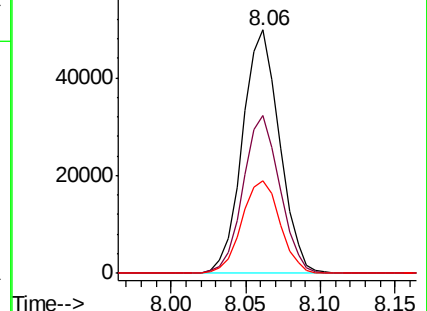
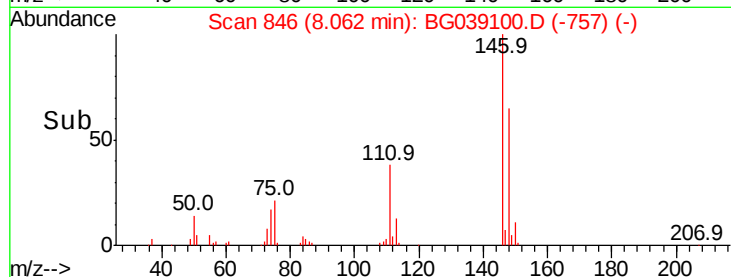
111 38.0 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.435 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

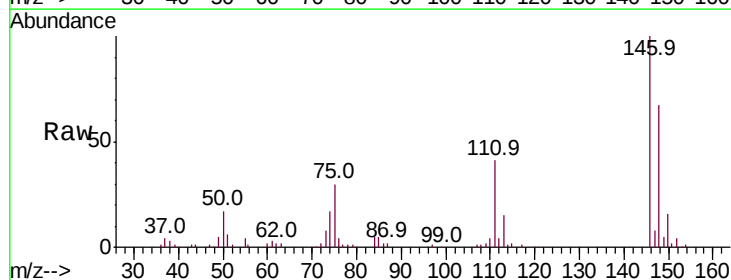
Tgt Ion:146 Resp: 84832

Ion Ratio Lower Upper

146 100

148 66.7 52.6 79.0

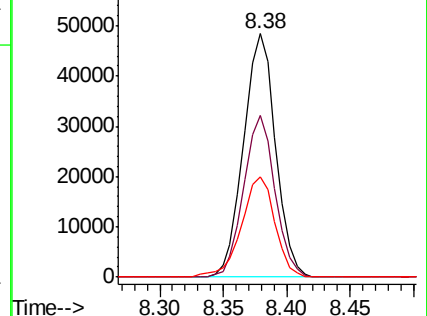
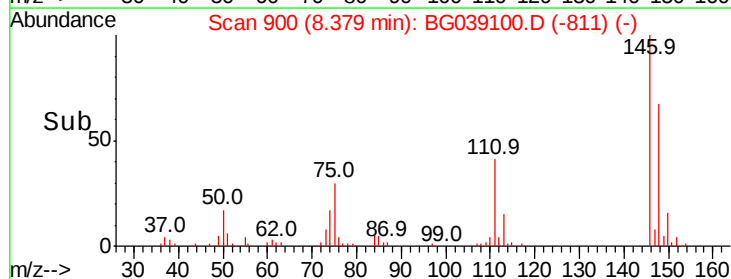
111 41.0 34.6 51.8

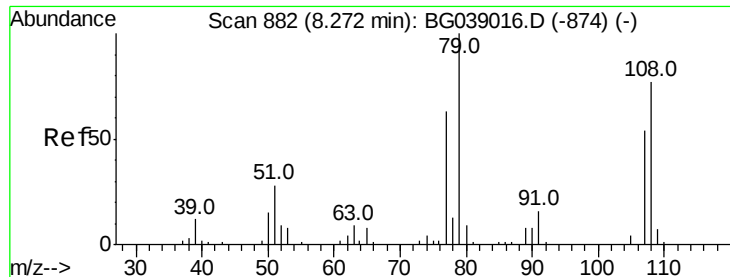


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.882 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :
BNA_G
ClientSampleId :

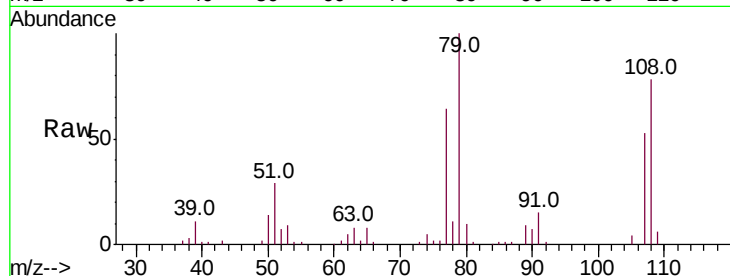
Tot Ion: 79 Resp: 83164

Ion Ratio Lower Upper

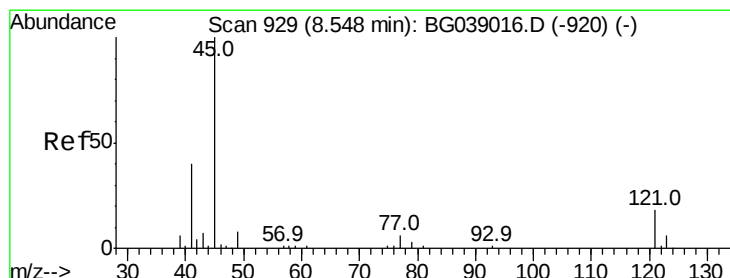
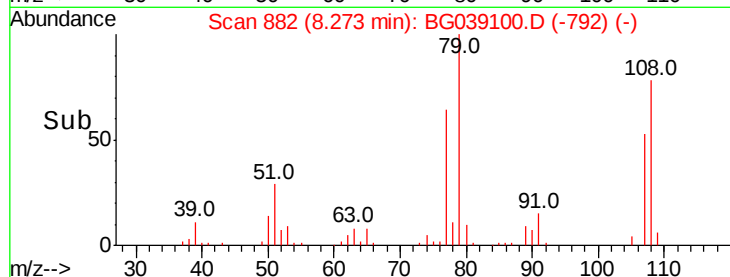
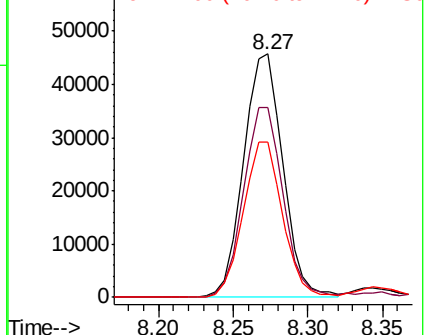
79 100

108 77.9 62.0 93.0

77 64.0 50.1 75.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.056 ng

RT: 8.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

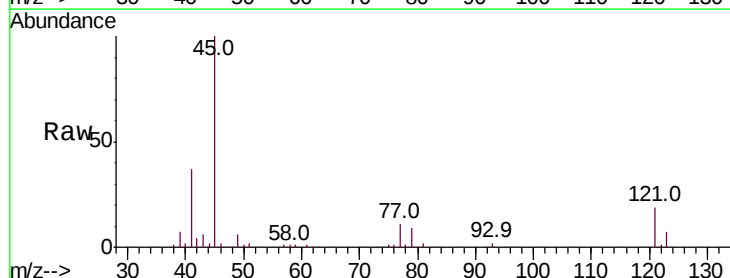
Tgt Ion: 45 Resp: 136804

Ion Ratio Lower Upper

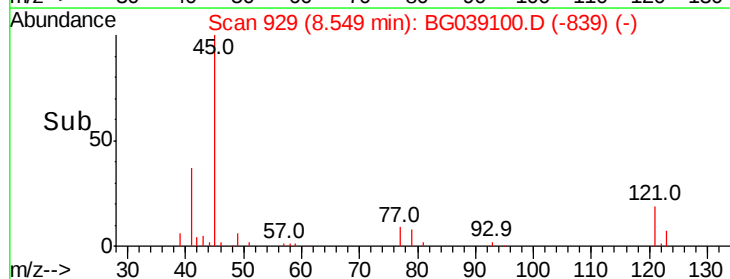
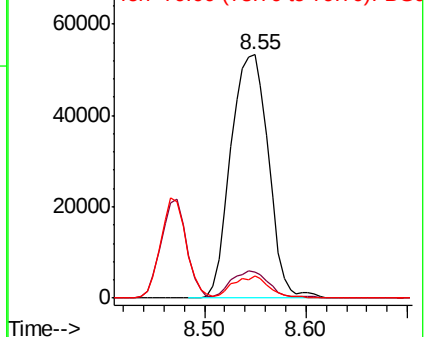
45 100

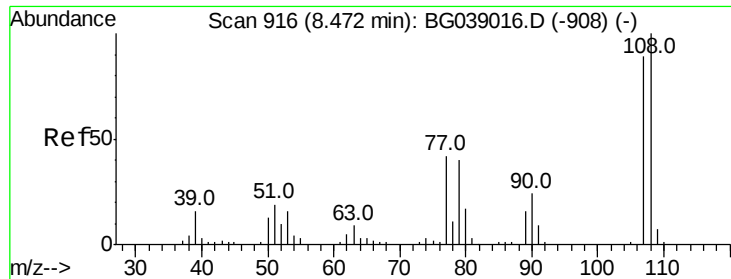
77 10.6 0.0 30.7

79 9.1 0.0 28.5



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

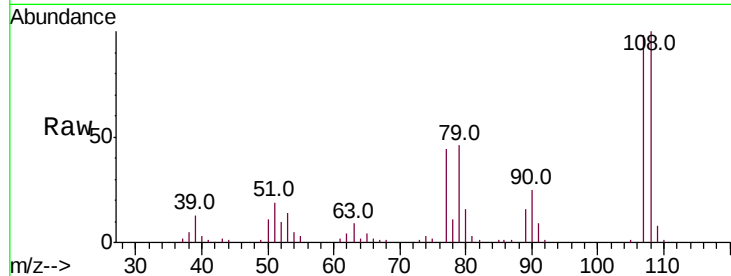




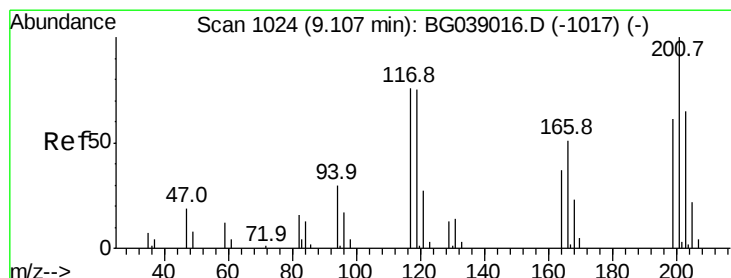
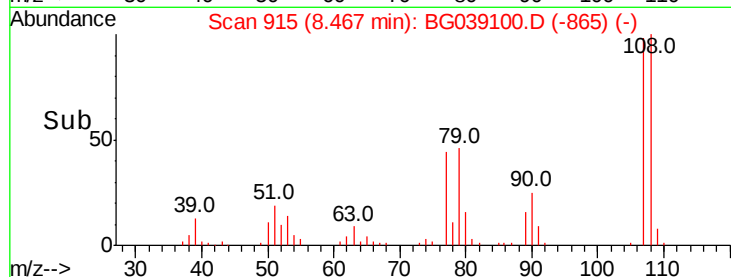
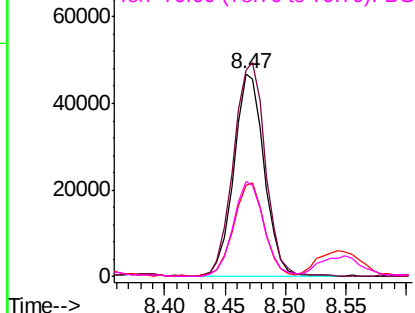
#17
2-Methylphenol
Concen: 53.200 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 81993
Ion Ratio Lower Upper
107 100
108 101.8 90.3 135.5
77 44.6 38.3 57.5
79 46.6 35.8 53.6

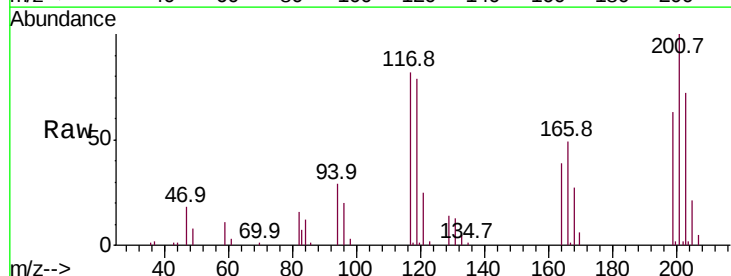


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

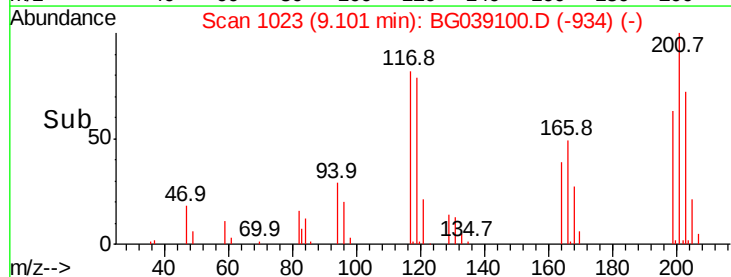
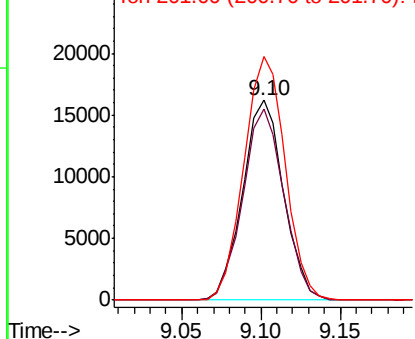


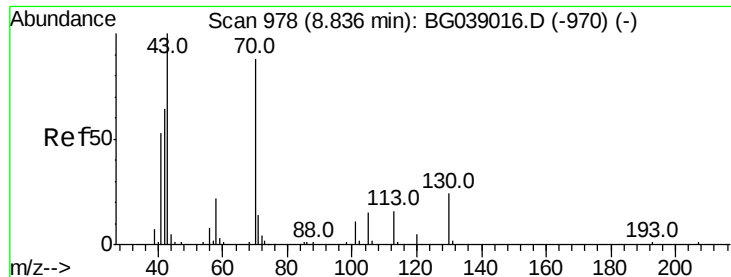
#18
Hexachloroethane
Concen: 38.871 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion:117 Resp: 29058
Ion Ratio Lower Upper
117 100
119 95.7 78.7 118.1
201 121.7 108.1 162.1



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

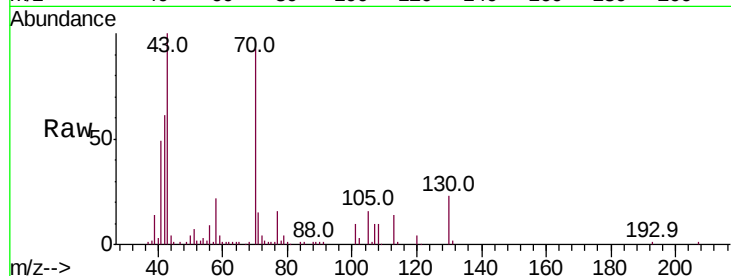




#19
n-Nitroso-di-n-propylamine
Concen: 46.124 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Instrument :
BNA_G
ClientSampleID :

Tot Ion:	70	Resp:	67055
Ion	Ratio	Lower	Upper
70	100		
42	65.7	59.0	88.4
101	10.3	10.4	15.6
130	24.7	21.6	32.4



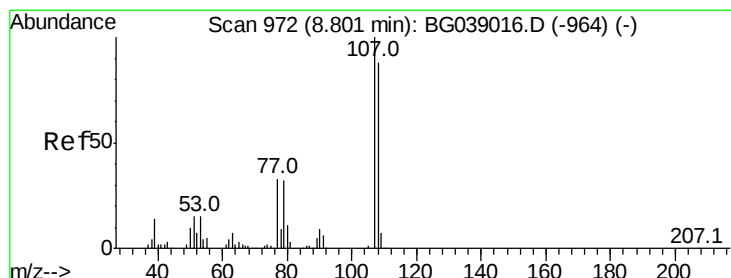
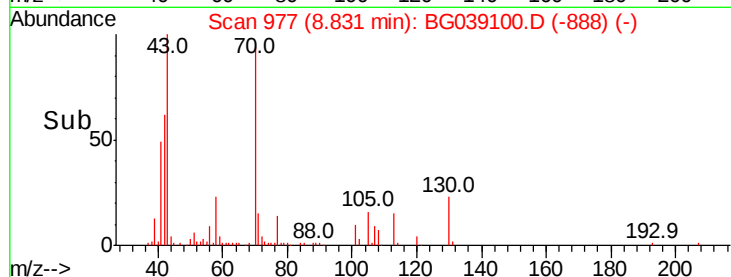
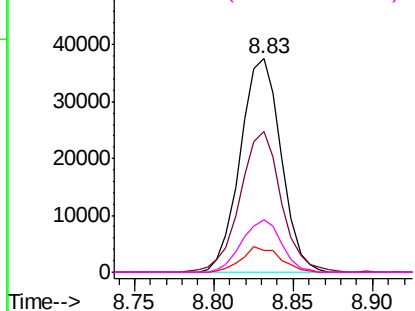
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 53.316 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion:	107	Resp:	117156
Ion	Ratio	Lower	Upper
107	100		
108	84.8	68.4	108.4
77	30.3	13.3	53.3
79	27.0	11.6	51.6

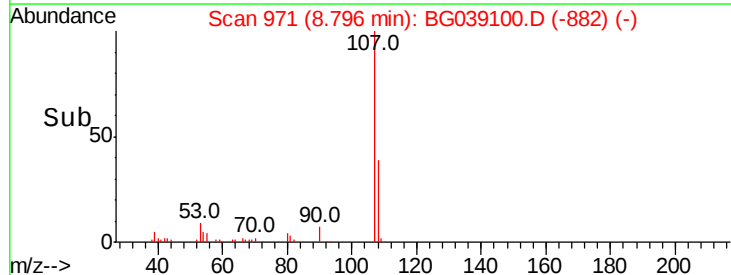
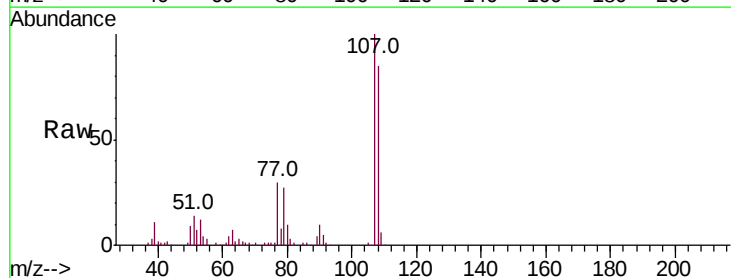
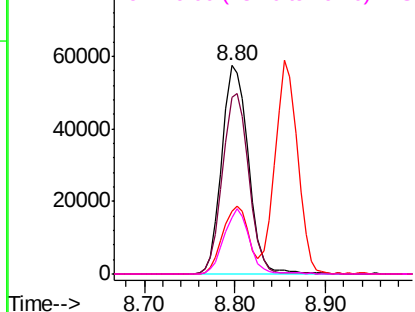
Abundance

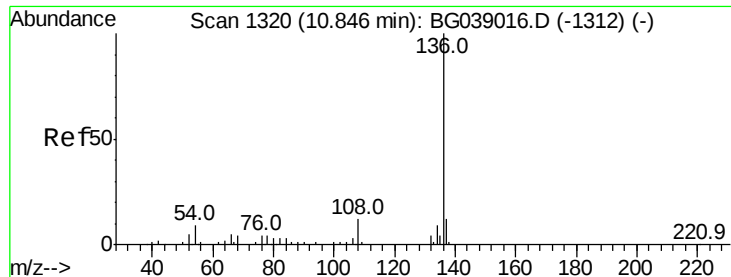
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

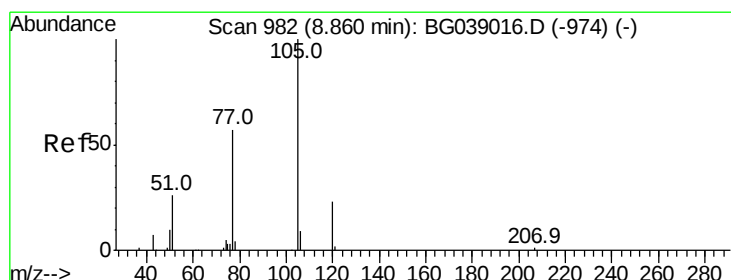
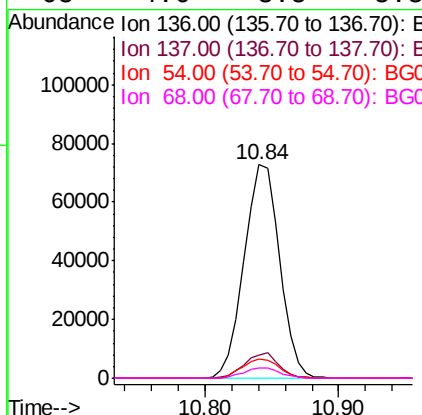
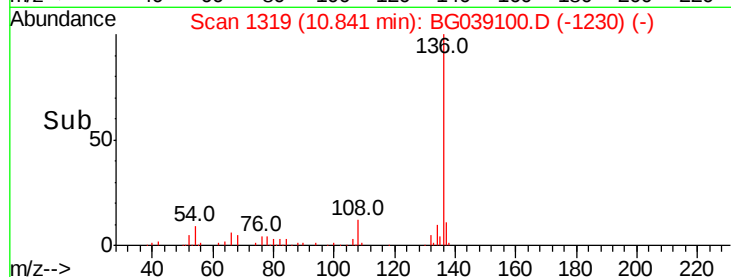
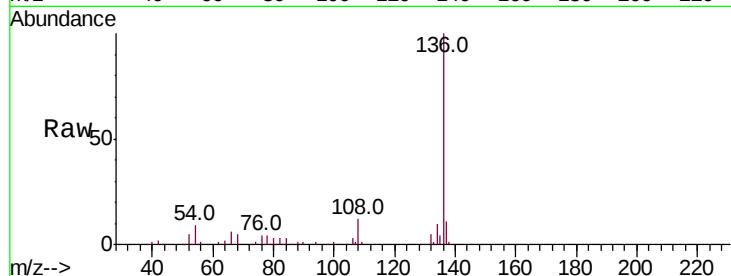




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

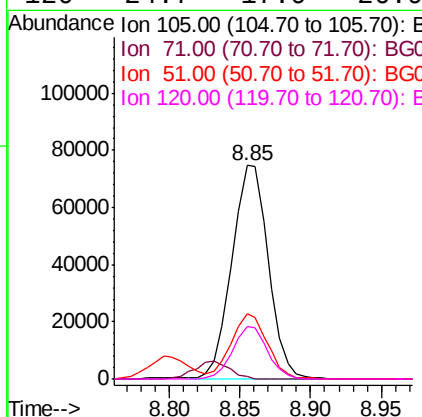
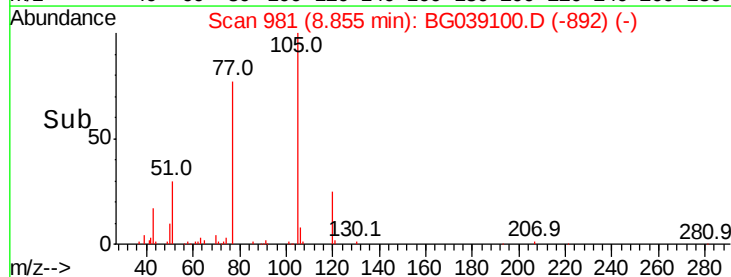
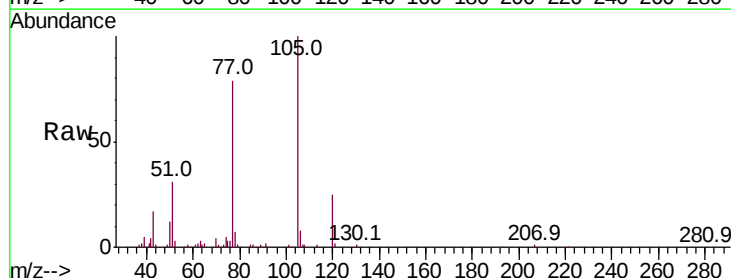
Instrument :
BNA_G
ClientSampleId :

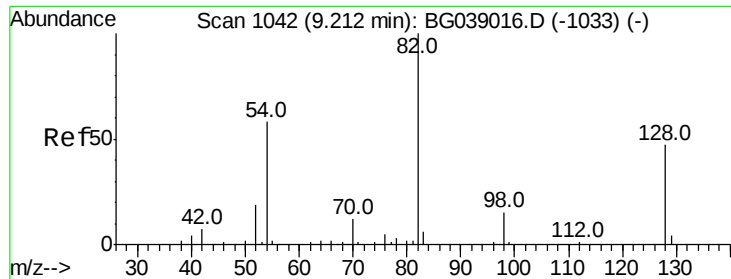
Tot Ion:136	Resp:	133682
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.4 14.2
54	9.1	7.2 10.8
68	4.6	3.5 5.3



#22
Acetophenone
Concen: 38.725 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion:105	Resp:	135192
Ion Ratio	Lower	Upper
105	100	
71	0.9	0.6 1.0
51	30.7	26.6 39.8
120	24.7	17.9 26.9

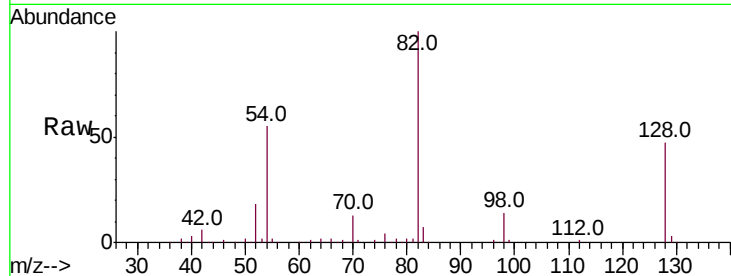




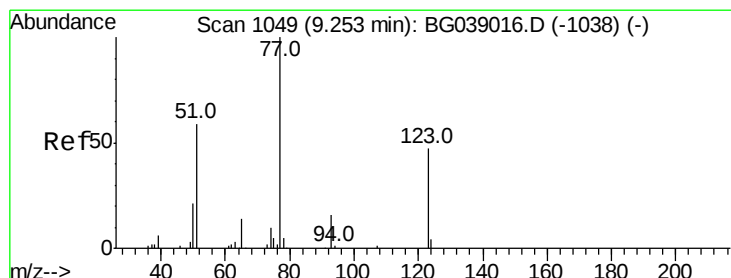
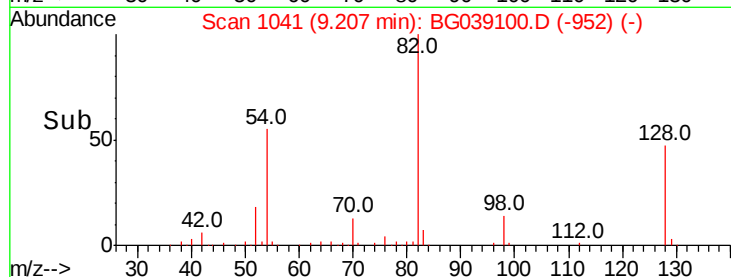
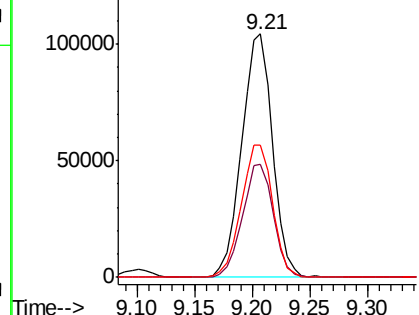
#23
 Nitrobenzene-d5
 Concen: 78.815 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	192549
Ion Ratio	100	Lower	Upper
128	46.7	37.3	55.9
54	54.6	46.4	69.6

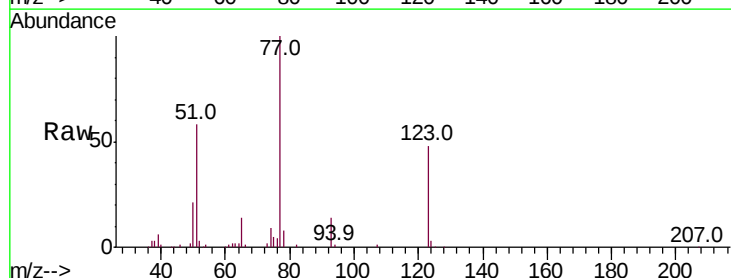


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

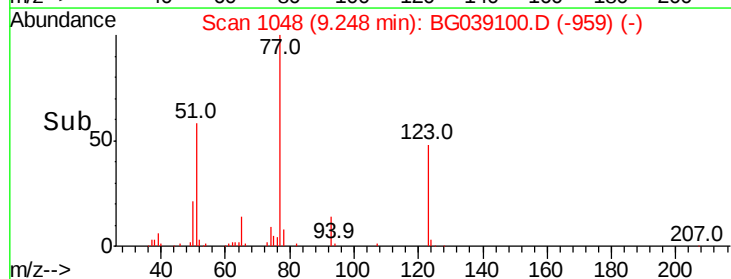
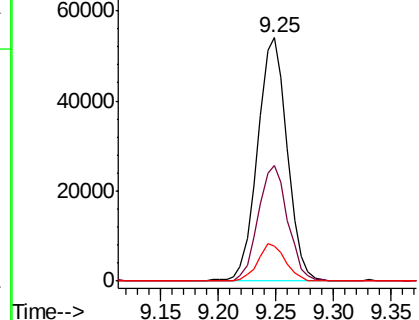


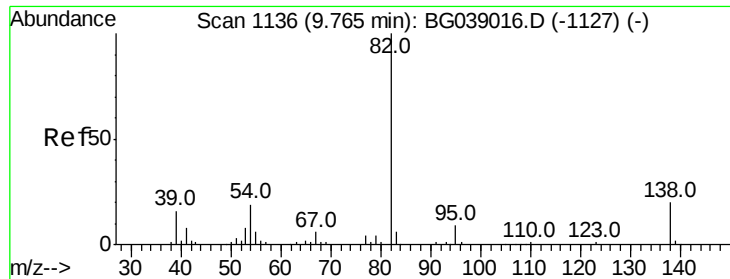
#24
 Nitrobenzene
 Concen: 39.353 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion	77	Resp	97177
Ion Ratio	100	Lower	Upper
123	47.7	37.6	56.4
65	14.5	11.0	16.6



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

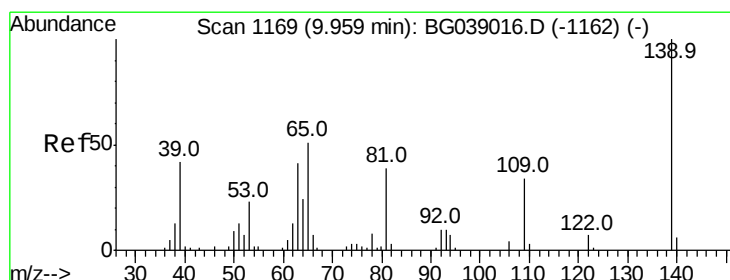
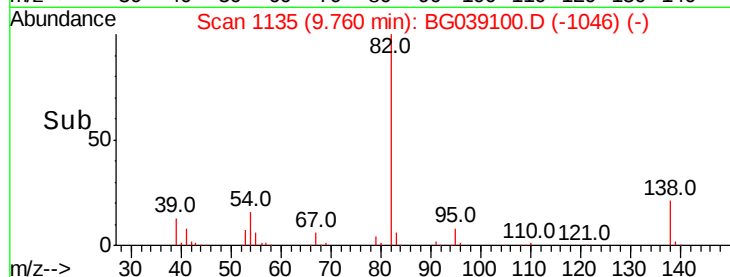
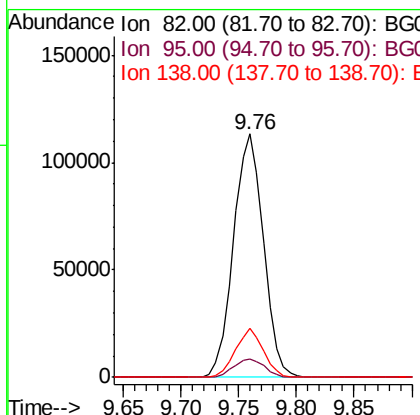
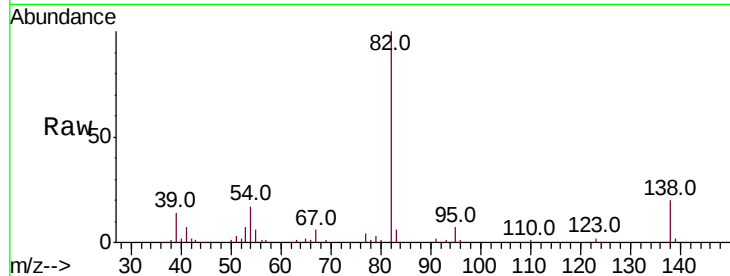




#25
Isophorone
Concen: 48.246 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

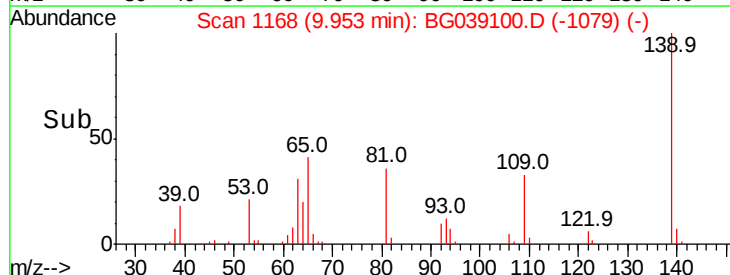
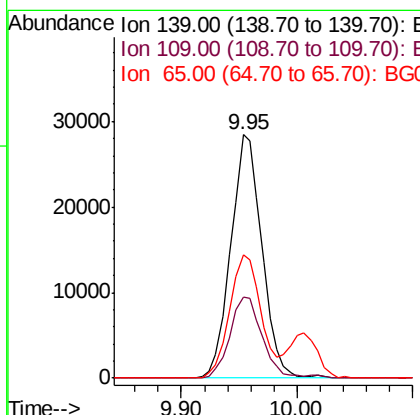
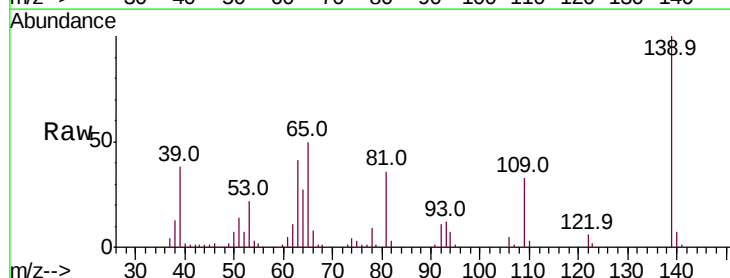
Instrument :
BNA_G
ClientSampleId :

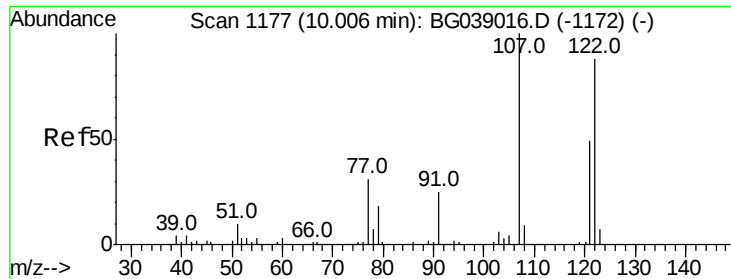
Tot Ion: 82 Resp: 203032
Ion Ratio Lower Upper
82 100
95 7.4 7.0 10.6
138 20.3 16.2 24.4



#26
2-Nitrophenol
Concen: 39.640 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion: 139 Resp: 52945
Ion Ratio Lower Upper
139 100
109 33.4 27.3 40.9
65 50.5 40.6 61.0

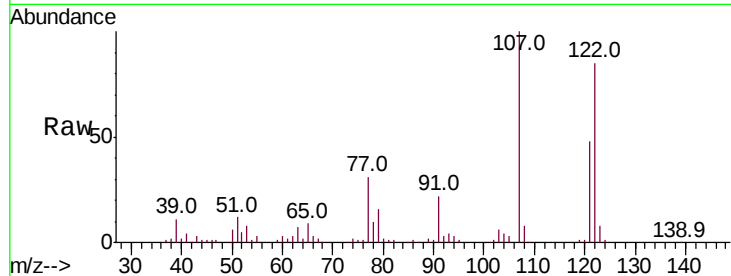




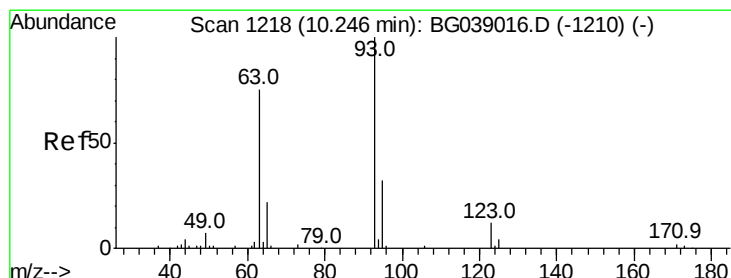
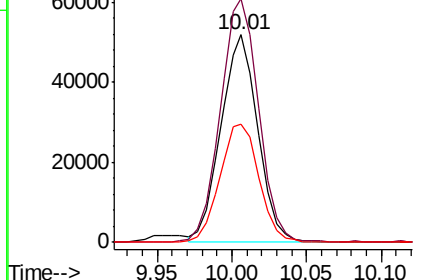
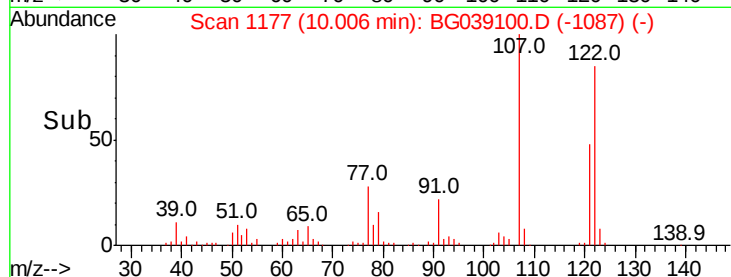
#27
 2,4-Dimethylphenol
 Concen: 47.760 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 89747
 Ion Ratio Lower Upper
 122 100
 107 117.4 88.8 133.2
 121 56.8 43.1 64.7

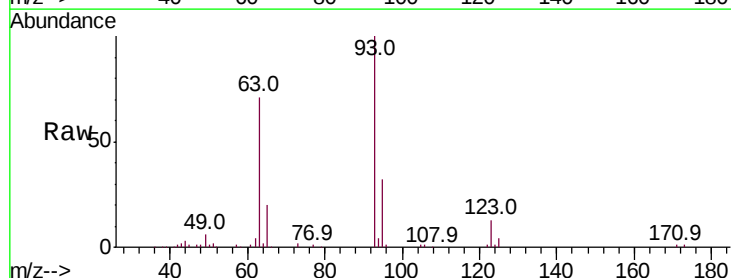


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

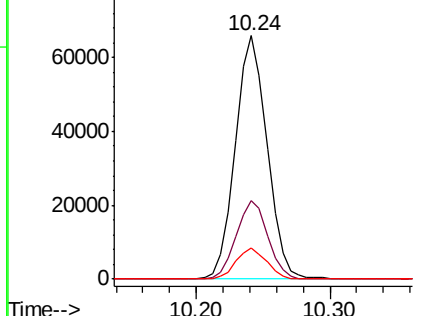
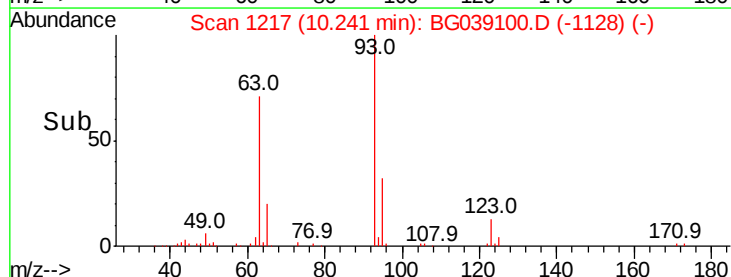


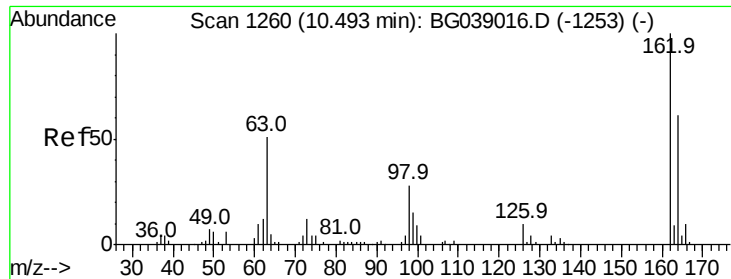
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.806 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion: 93 Resp: 108265
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.6 38.4
 123 12.9 10.1 15.1



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

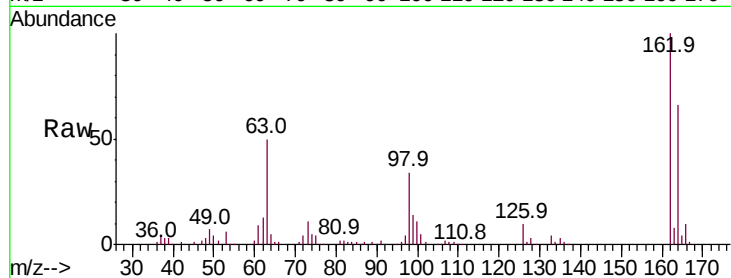




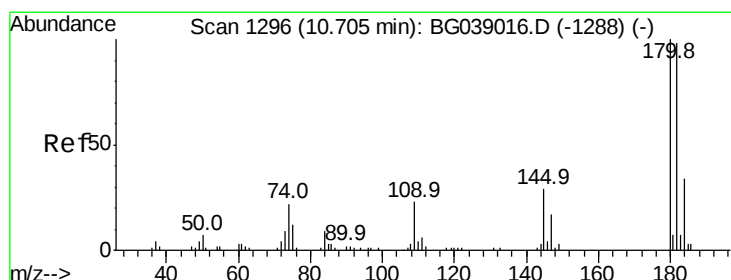
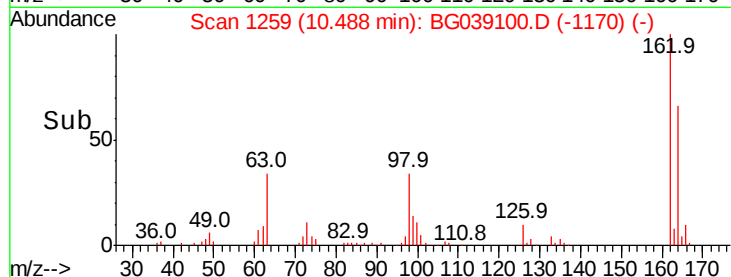
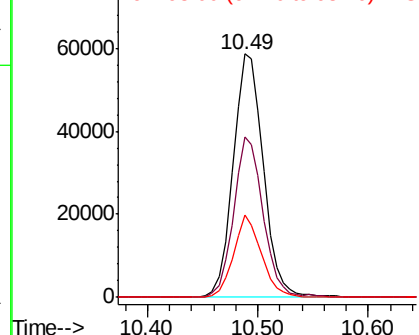
#29
 2,4-Dichlorophenol
 Concen: 48.118 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	41.3	81.3
98	33.9	8.3	48.3

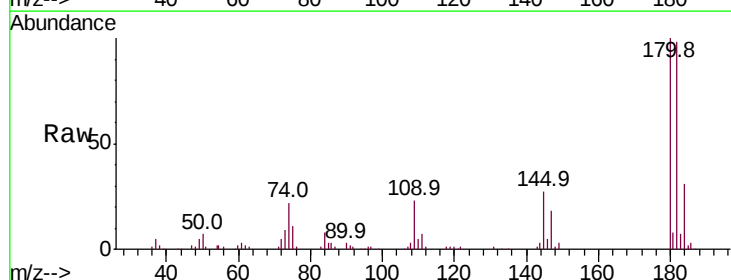


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

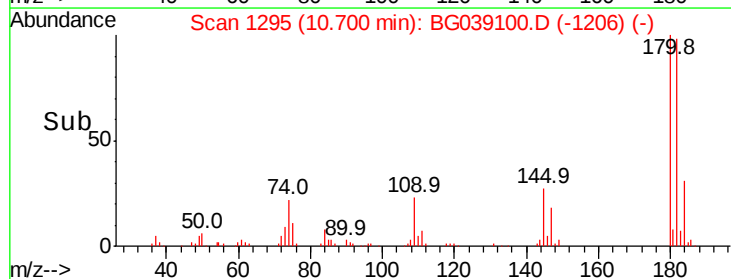
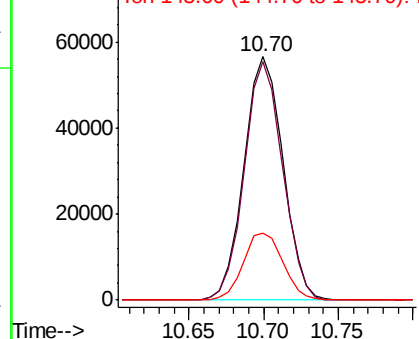


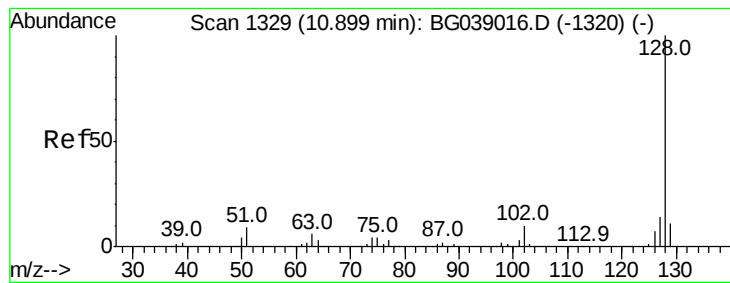
#30
 1,2,4-Trichlorobenzene
 Concen: 36.496 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	78.1	117.1
145	27.3	23.1	34.7



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





#31

Naphthalene

Concen: 42.481 ng

RT: 10.89 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

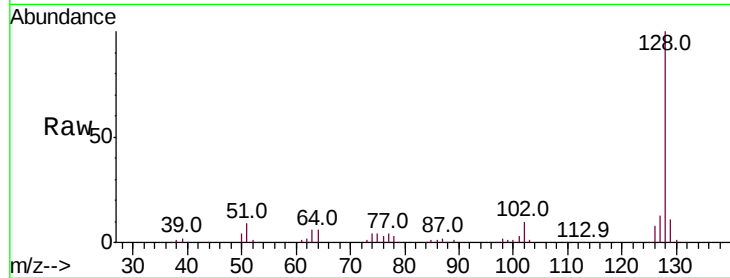
Tot Ion:128 Resp: 284823

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

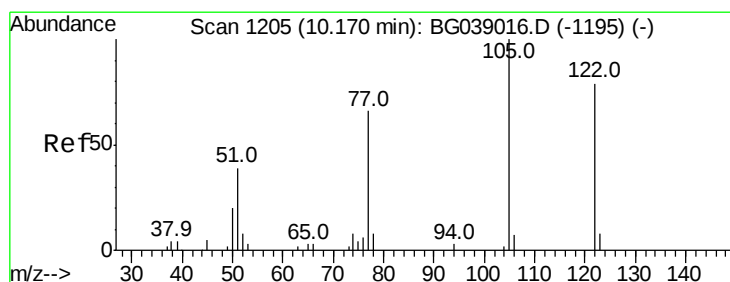
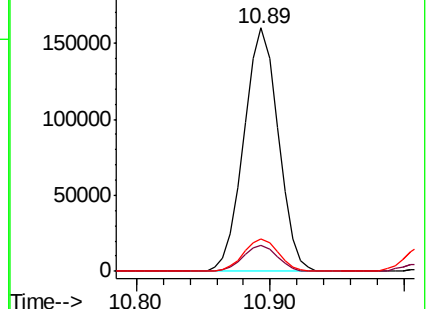
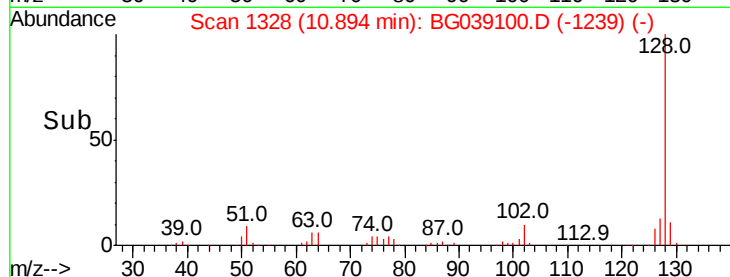
127 13.5 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 71.818 ng

RT: 10.01 min Scan# 1177

Delta R.T. -0.16 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

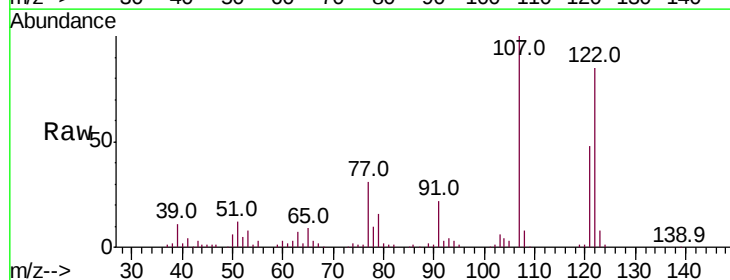
Tgt Ion:122 Resp: 89747

Ion Ratio Lower Upper

122 100

105 3.9 106.4 146.4#

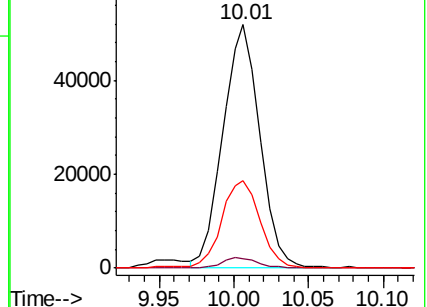
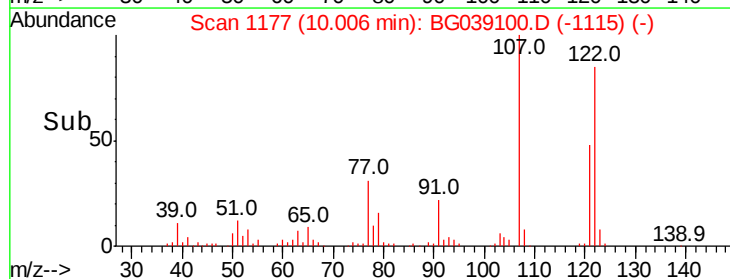
77 36.0 63.6 103.6#

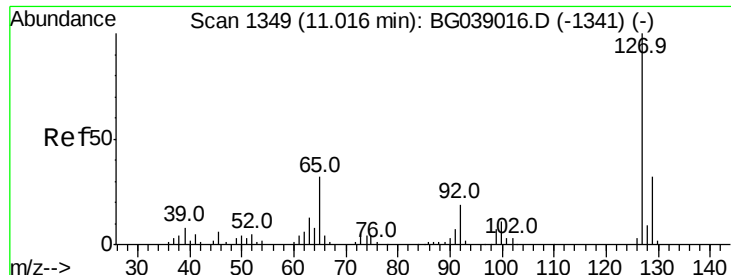


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

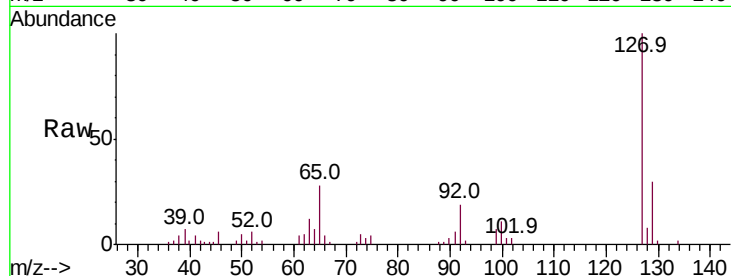




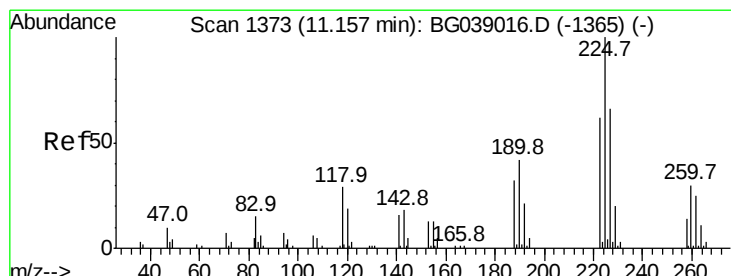
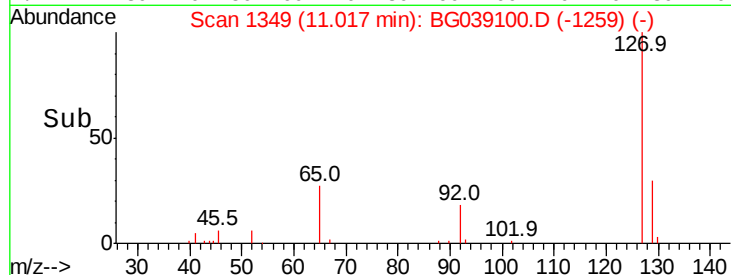
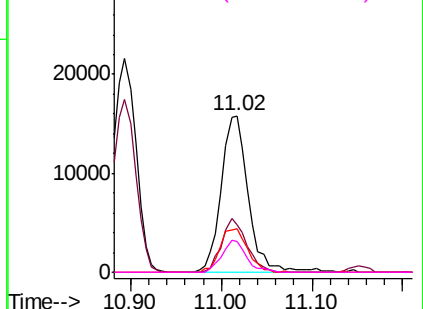
#33
4-Chloroaniline
Concen: 10.962 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 32888
Ion Ratio Lower Upper
127 100
129 30.4 25.4 38.0
65 27.8 25.4 38.0
92 19.3 15.2 22.8

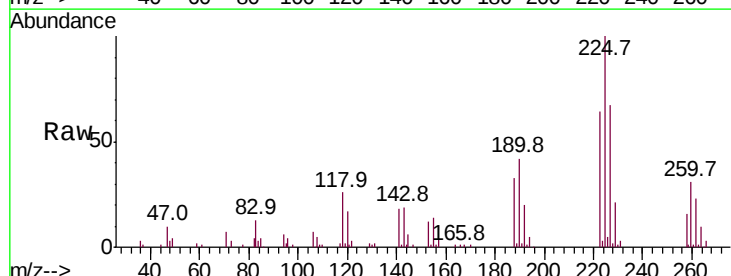


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

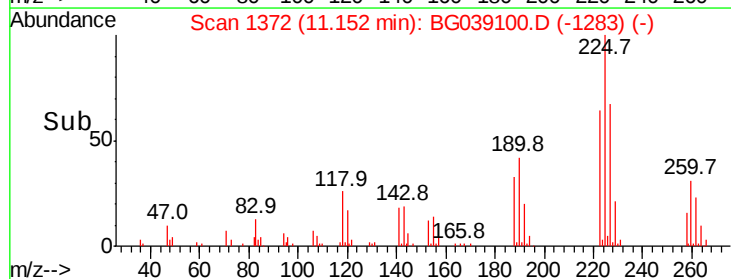
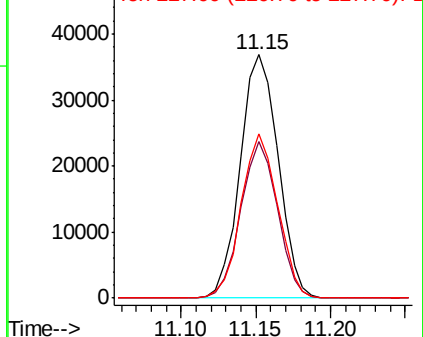


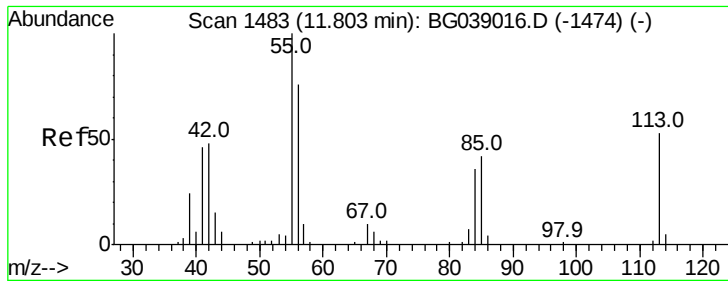
#34
Hexachlorobutadiene
Concen: 33.703 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion:225 Resp: 65047
Ion Ratio Lower Upper
225 100
223 61.0 50.2 75.4
227 66.4 53.2 79.8



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

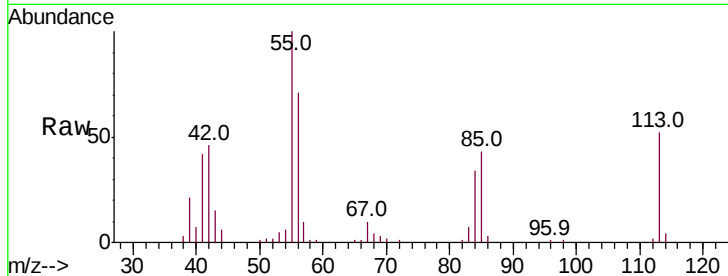




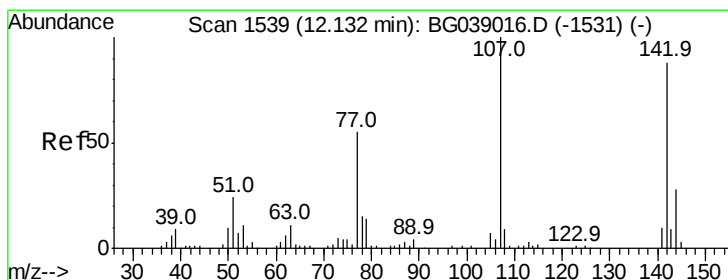
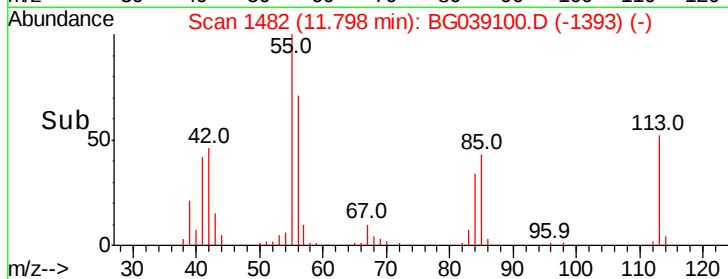
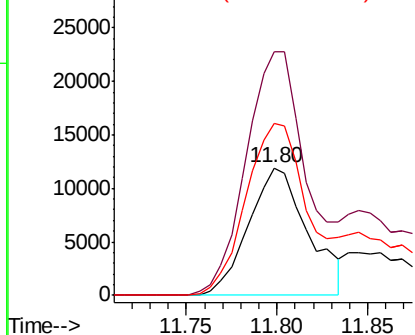
#35
 Caprolactam
 Concen: 28.938 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 27089
 Ion Ratio Lower Upper
 113 100
 55 190.8 168.6 208.6
 56 135.0 123.2 163.2

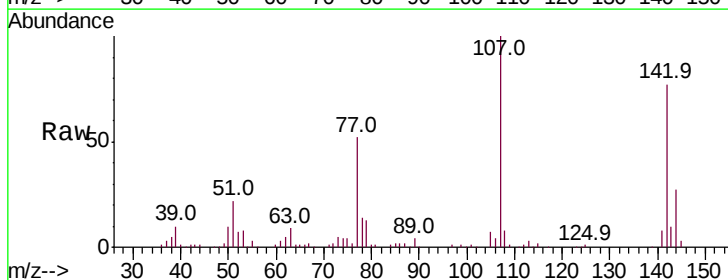


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

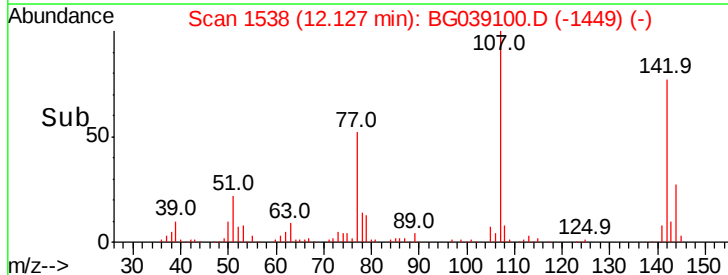
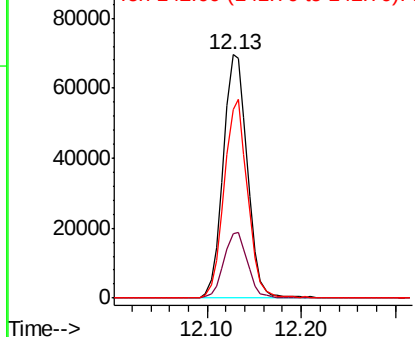


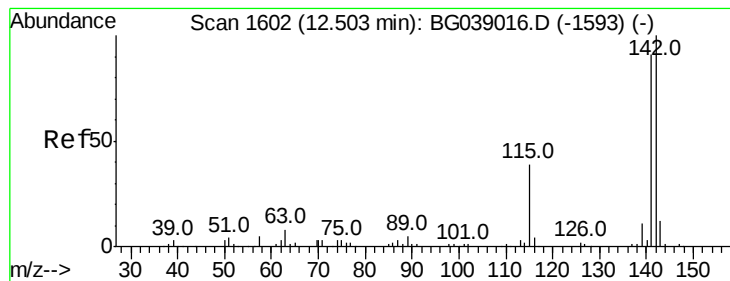
#36
 4-Chloro-3-methylphenol
 Concen: 49.843 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion:107 Resp: 124451
 Ion Ratio Lower Upper
 107 100
 144 26.6 22.6 34.0
 142 77.4 70.2 105.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

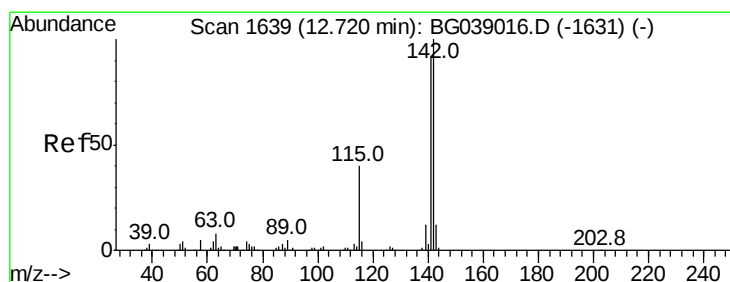
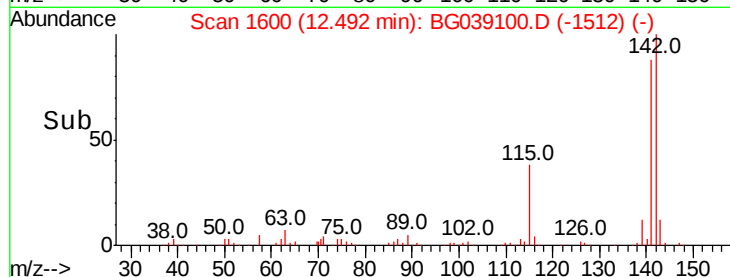
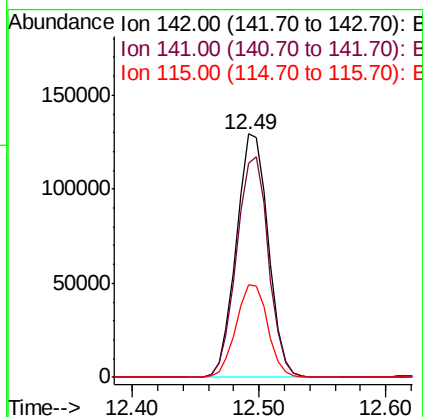
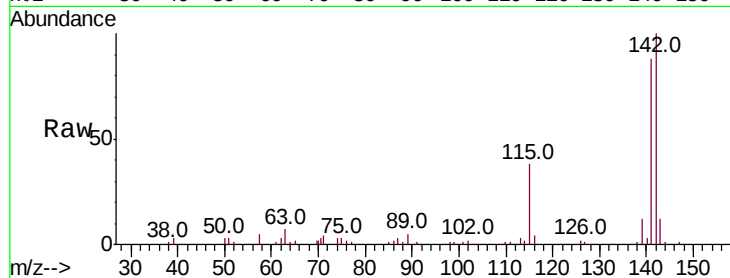




#37
 2-Methylnaphthalene
 Concen: 45.033 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

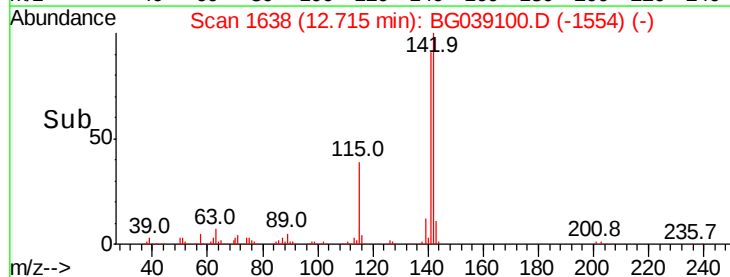
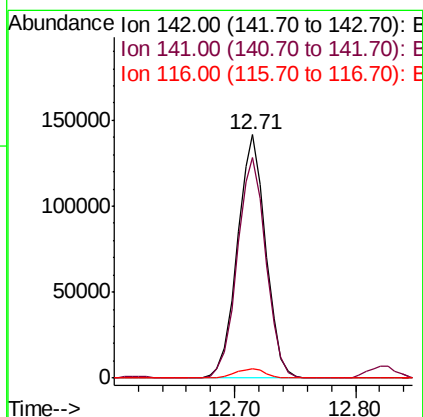
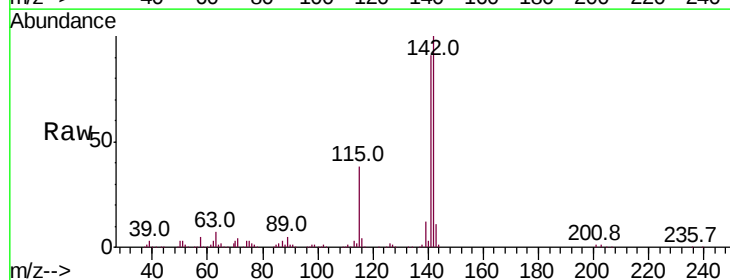
Instrument :
 BNA_G
 ClientSampleId :

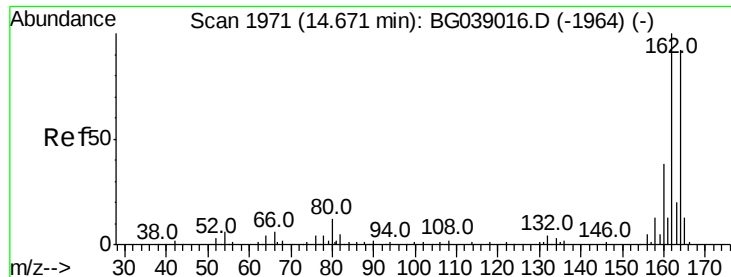
Tot Ion:142 Resp: 226372
 Ion Ratio Lower Upper
 142 100
 141 87.9 72.6 109.0
 115 37.8 31.1 46.7



#38
 1-Methylnaphthalene
 Concen: 47.847 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion:142 Resp: 230856
 Ion Ratio Lower Upper
 142 100
 141 90.8 73.3 109.9
 116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

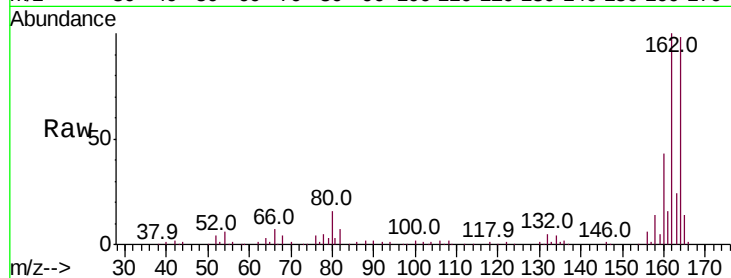
Tot Ion:164 Resp: 104761

Ion Ratio Lower Upper

164 100

162 101.6 87.2 130.8

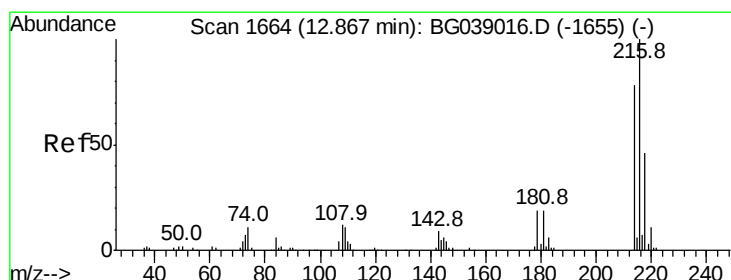
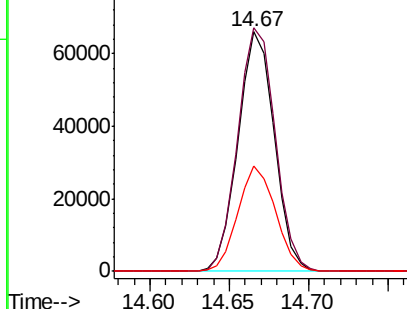
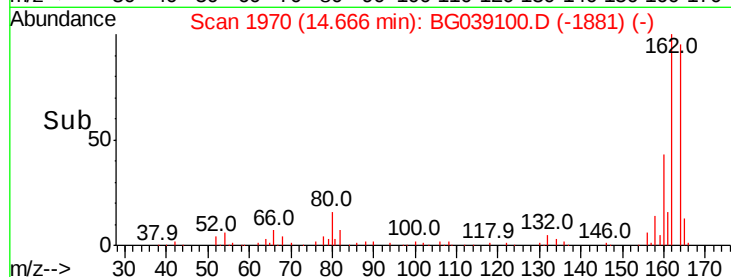
160 44.2 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.460 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Tgt Ion:216 Resp: 143447

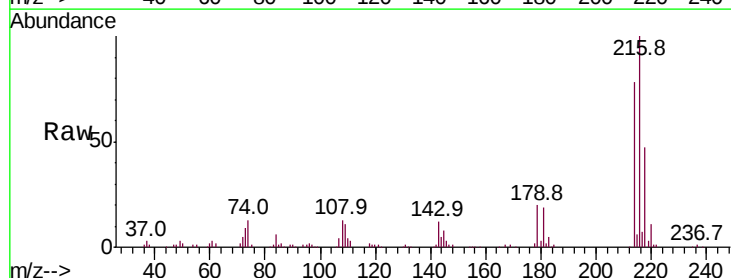
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 20.1 15.5 23.3

108 15.4 11.4 17.2

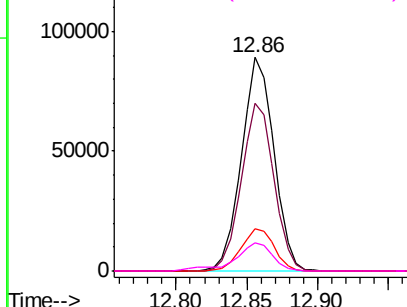
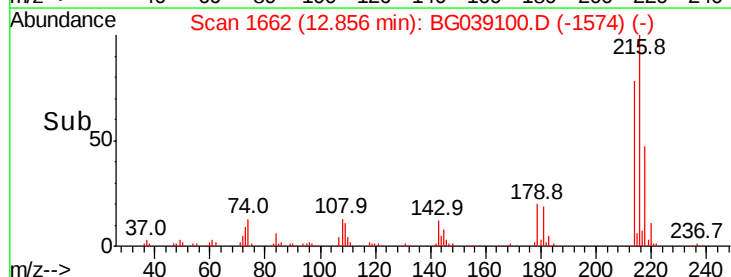


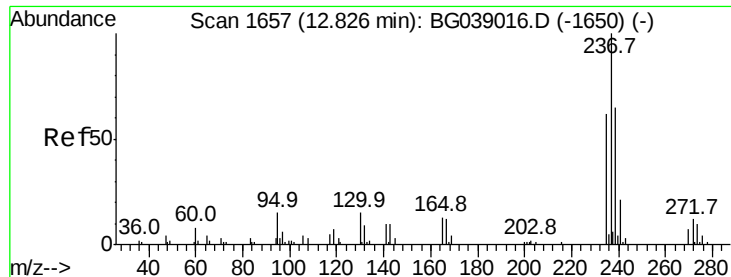
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.253 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

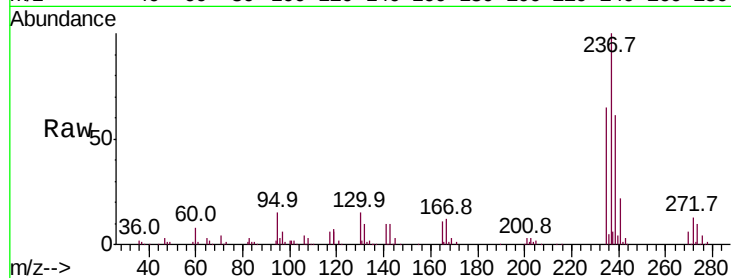
Tot Ion:237 Resp: 113424

Ion Ratio Lower Upper

237 100

235 64.7 41.7 81.7

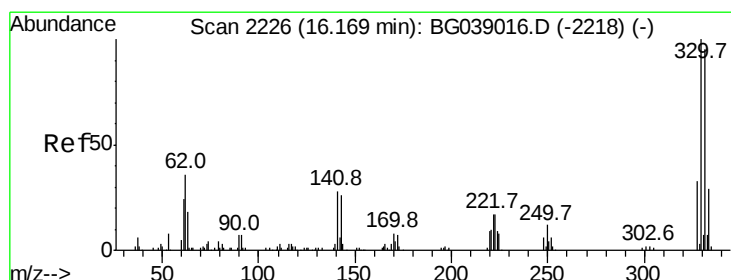
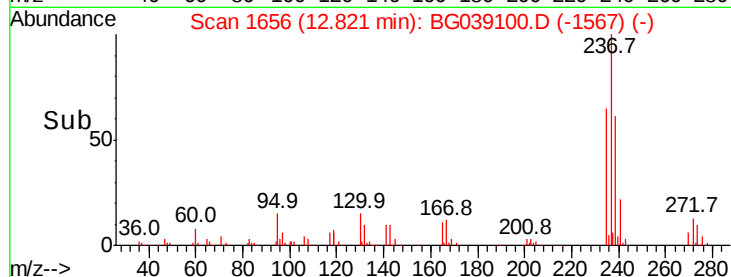
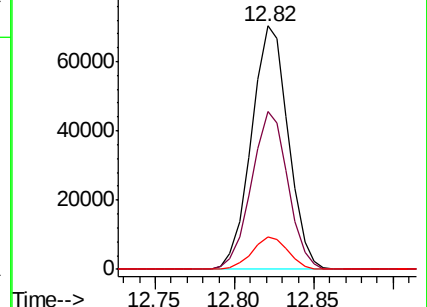
272 13.3 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.794 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

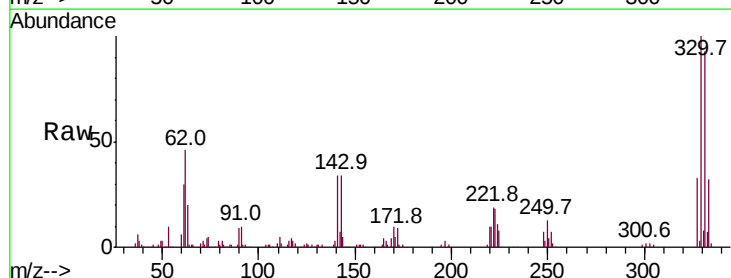
Tgt Ion:330 Resp: 194564

Ion Ratio Lower Upper

330 100

332 94.1 75.7 113.5

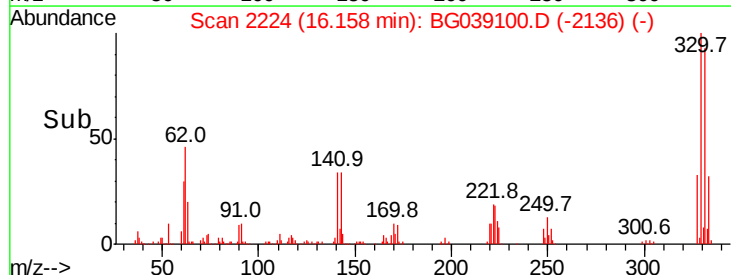
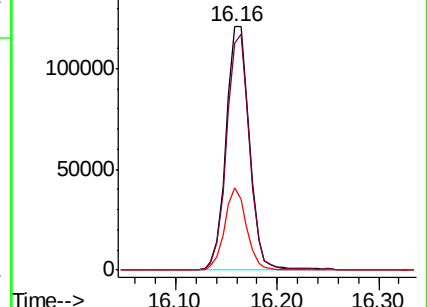
141 31.4 24.9 37.3

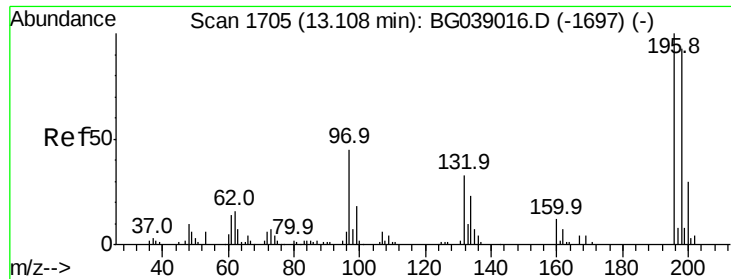


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

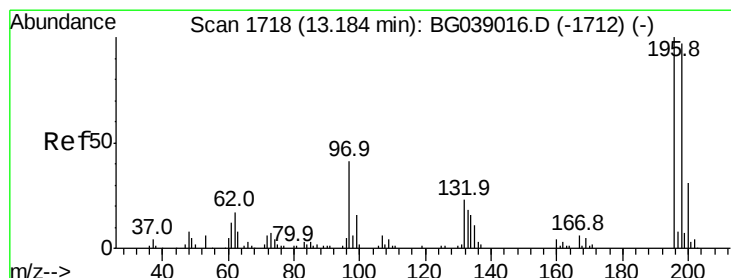
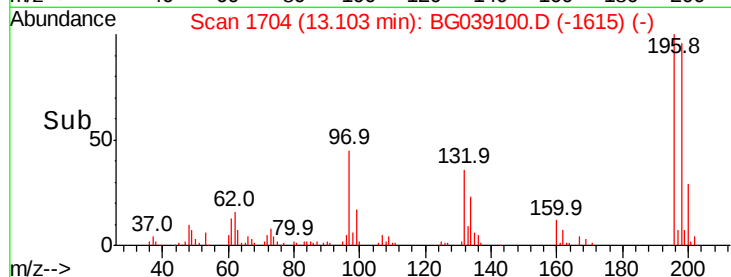
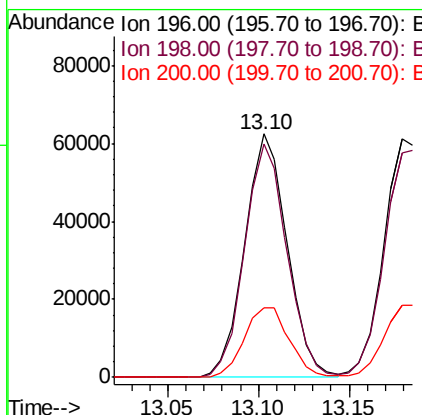
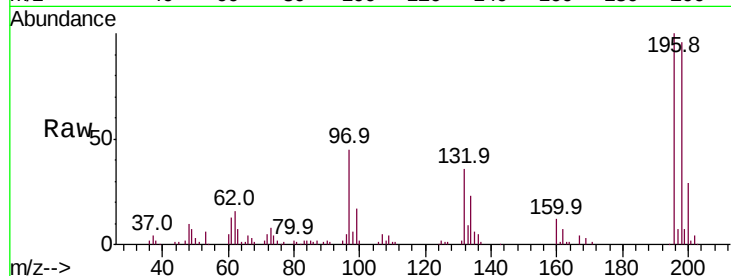




#43
 2,4,6-Trichlorophenol
 Concen: 41.086 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

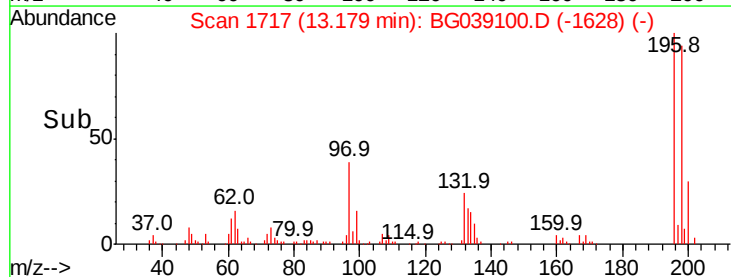
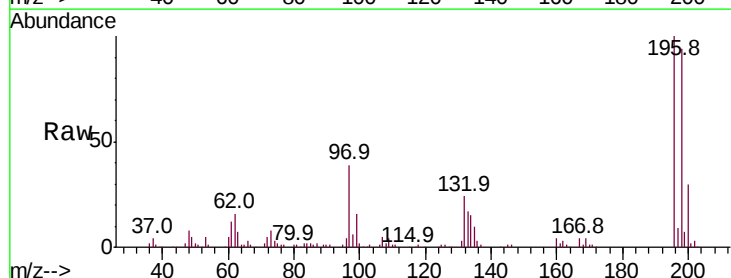
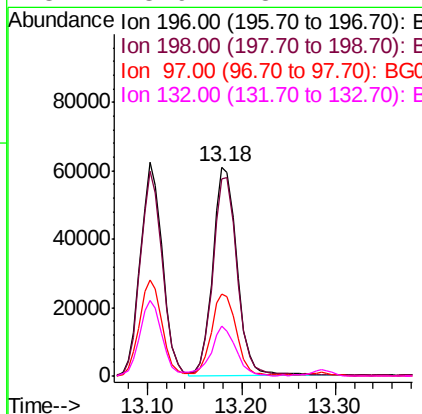
Instrument :
 BNA_G
 ClientSampled :

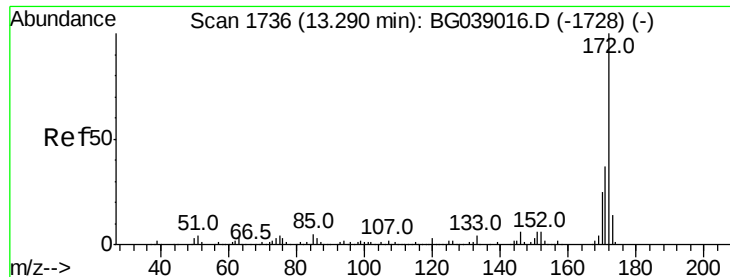
Tot Ion	196	Resp	101738
Ion Ratio	Lower	Upper	
196	100		
198	95.8	74.5	111.7
200	28.7	23.8	35.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.280 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion	196	Resp	110653
Ion Ratio	Lower	Upper	
196	100		
198	94.1	78.1	117.1
97	39.1	33.2	49.8
132	23.9	18.2	27.4



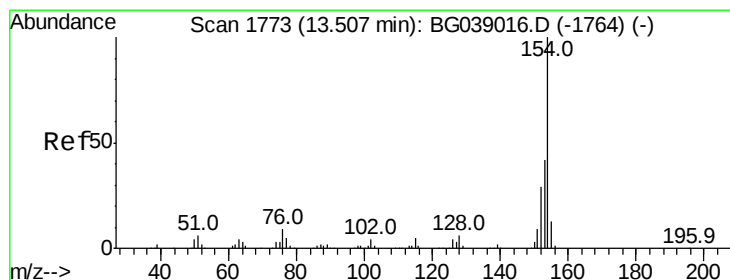
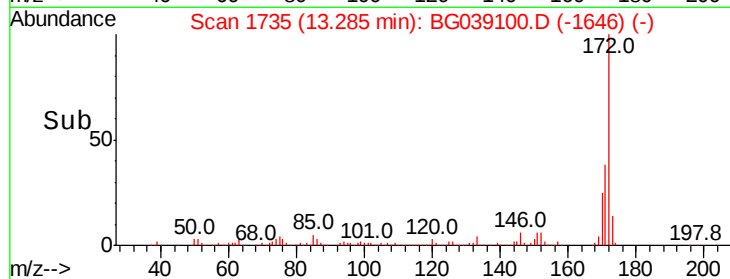
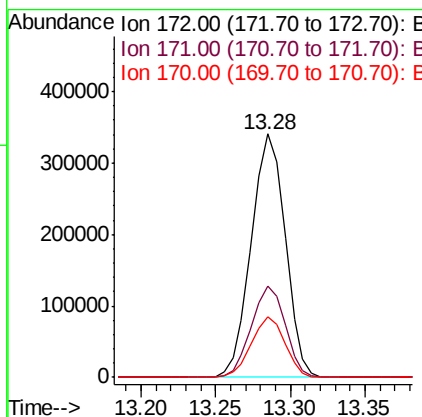
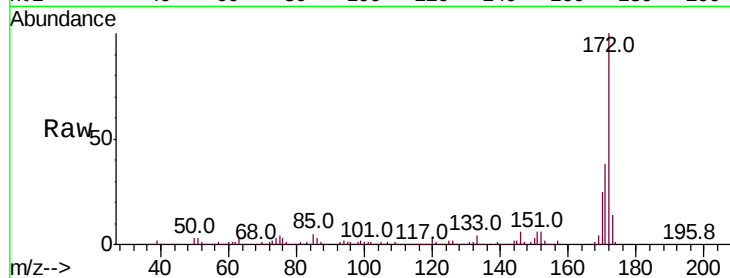


#45
 2-Fluorobiphenyl
 Concen: 70.174 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 537169

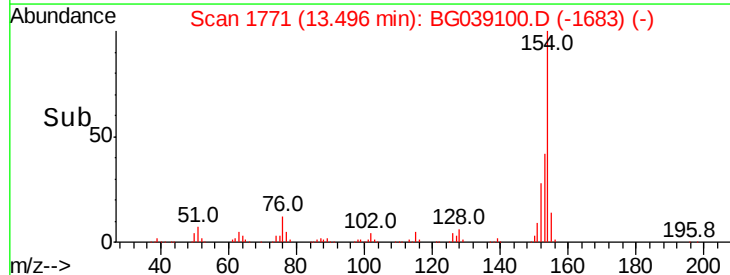
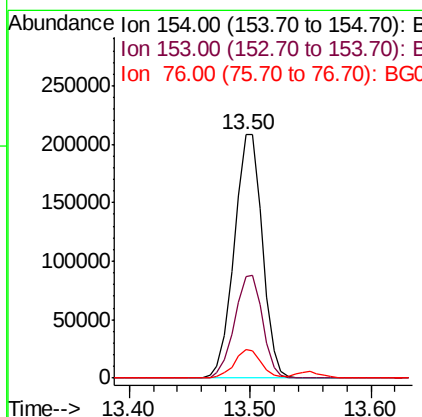
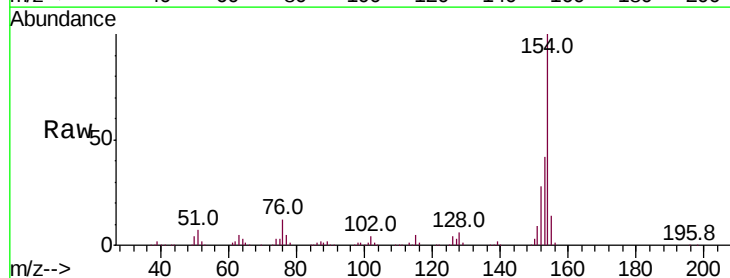
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	24.9	20.1	30.1

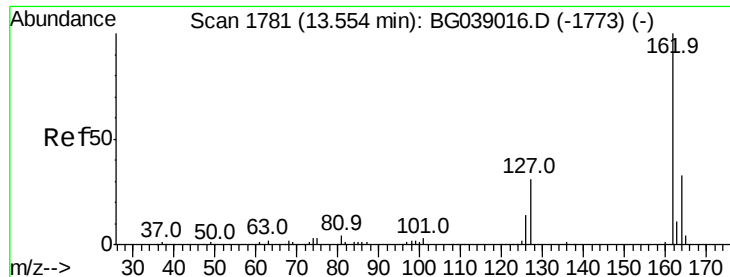


#46
 1,1'-Biphenyl
 Concen: 40.710 ng
 RT: 13.50 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion:154 Resp: 337931

Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.4	62.4
76	12.0	0.0	29.4

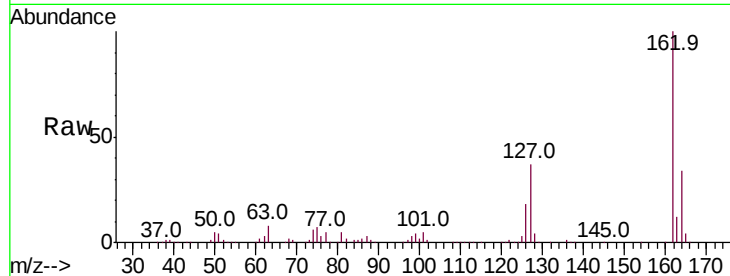




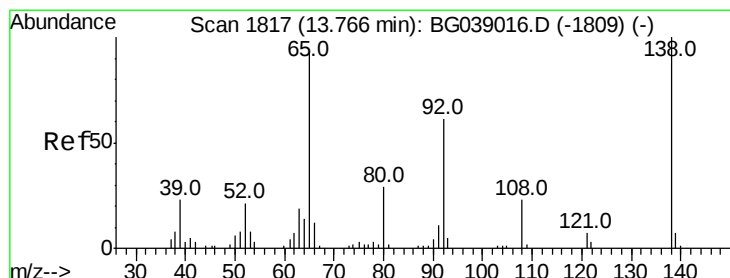
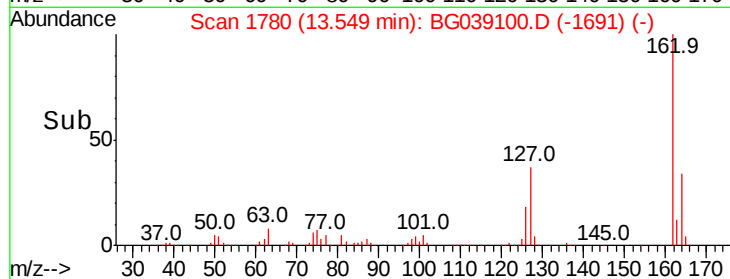
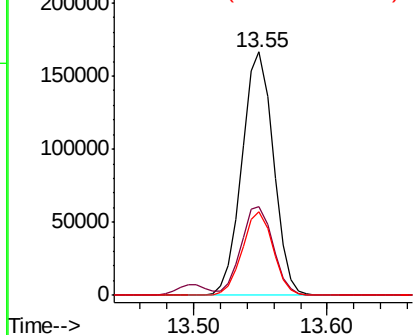
#47
 2-Chloronaphthalene
 Concen: 40.399 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 271377
 Ion Ratio Lower Upper
 162 100
 127 36.7 28.4 42.6
 164 34.1 26.3 39.5

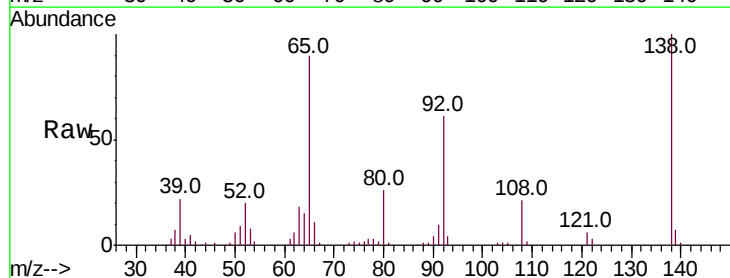


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

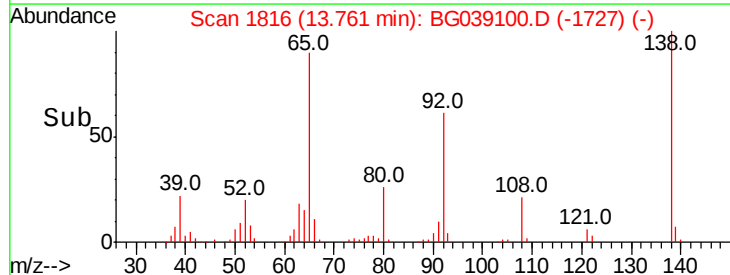
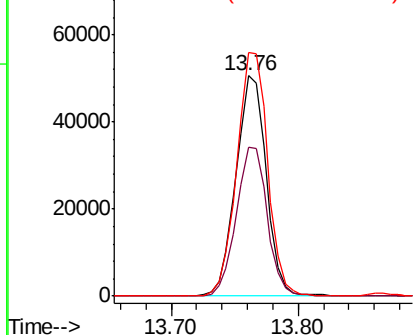


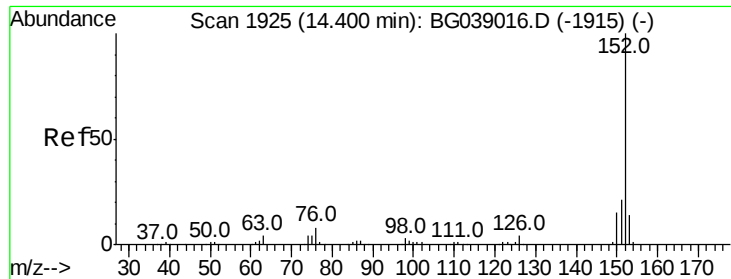
#48
 2-Nitroaniline
 Concen: 44.342 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion: 65 Resp: 83448
 Ion Ratio Lower Upper
 65 100
 92 67.4 52.2 78.4
 138 110.5 86.0 129.0



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





#49

Acenaphthylene

Concen: 41.052 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

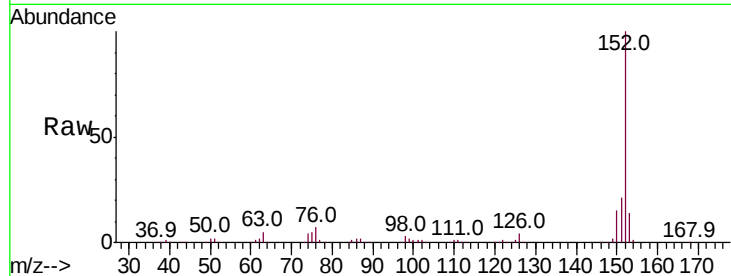
Tot Ion:152 Resp: 414487

Ion Ratio Lower Upper

152 100

151 21.4 17.0 25.4

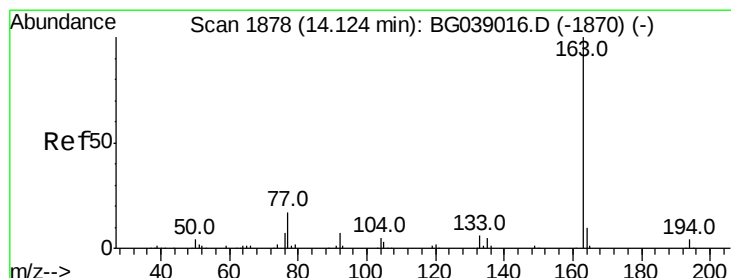
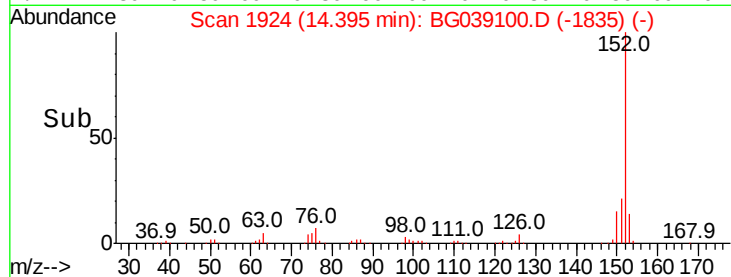
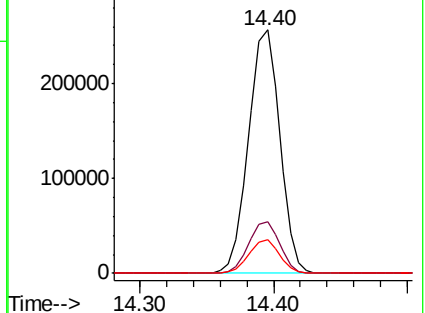
153 13.6 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.548 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

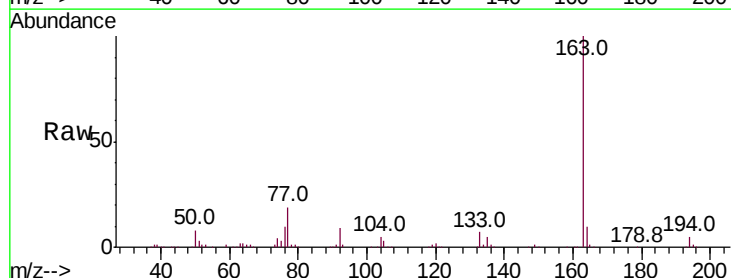
Tgt Ion:163 Resp: 491758

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

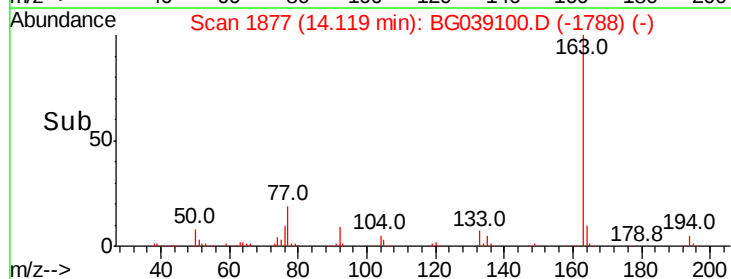
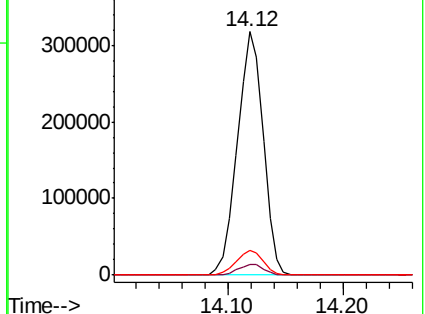
164 10.3 8.2 12.2

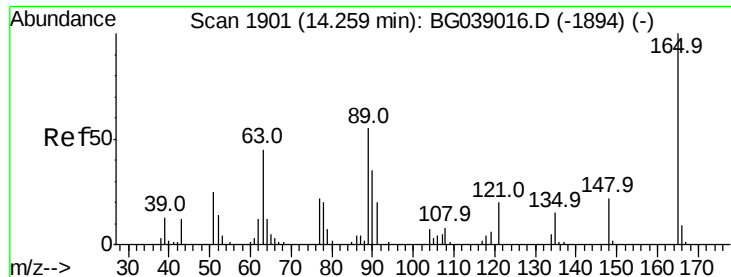


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.914 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampled :

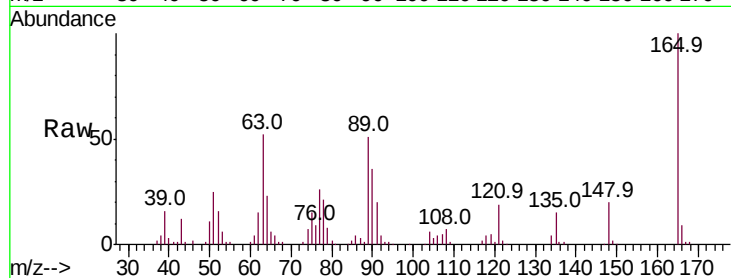
Tot Ion:165 Resp: 79000

Ion Ratio Lower Upper

165 100

63 51.7 43.6 65.4

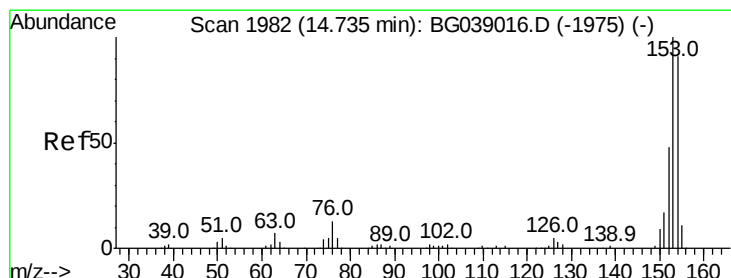
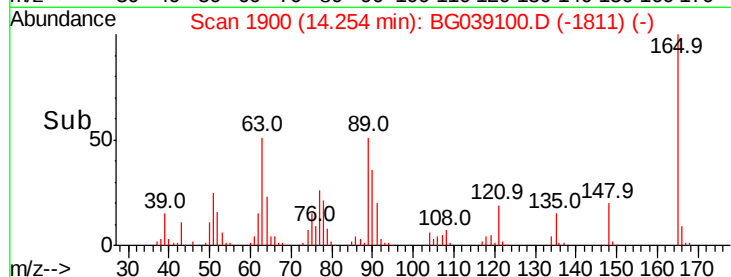
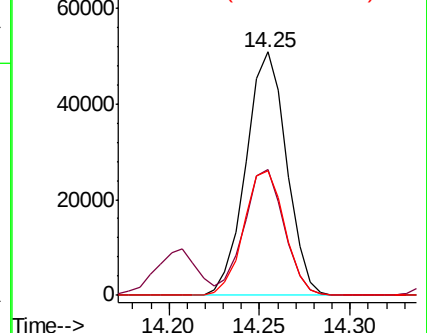
89 51.0 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.364 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

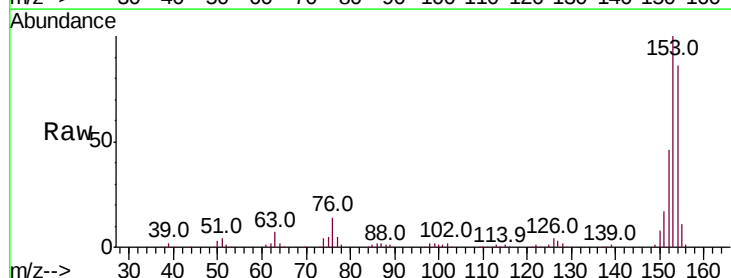
Tgt Ion:154 Resp: 238797

Ion Ratio Lower Upper

154 100

153 116.0 87.9 131.9

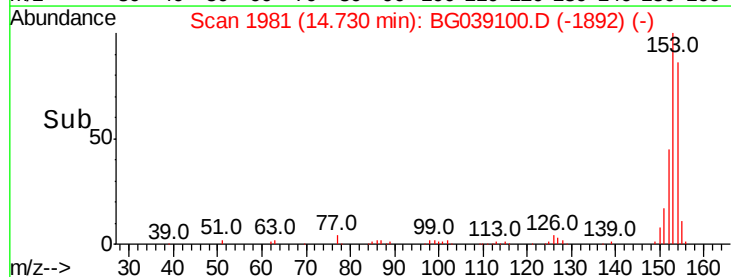
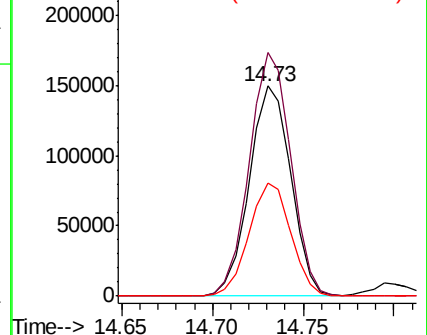
152 53.7 42.2 63.2

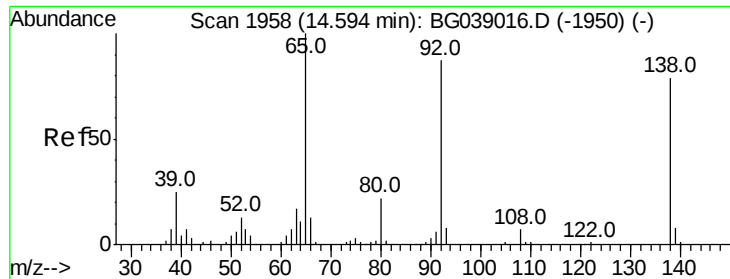


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 11.841 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

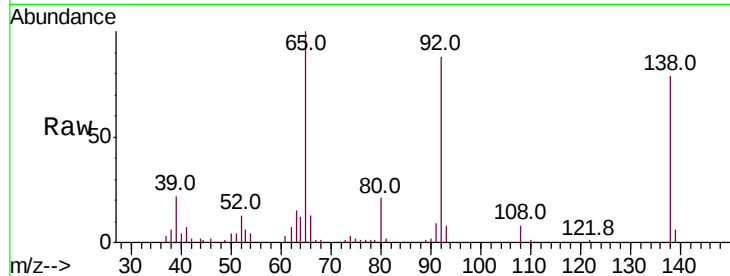
Tot Ion:138 Resp: 23775

Ion Ratio Lower Upper

138 100

108 10.7 7.4 11.0

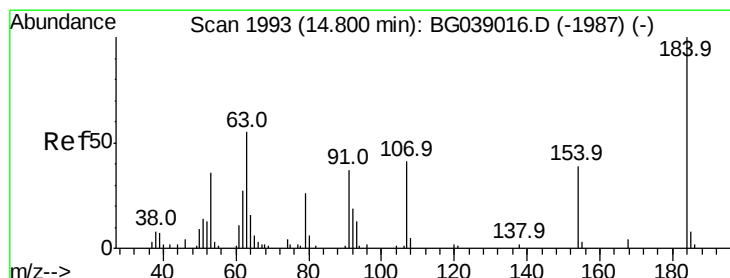
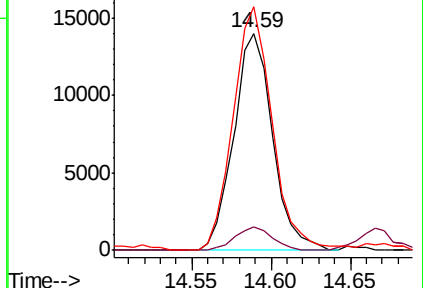
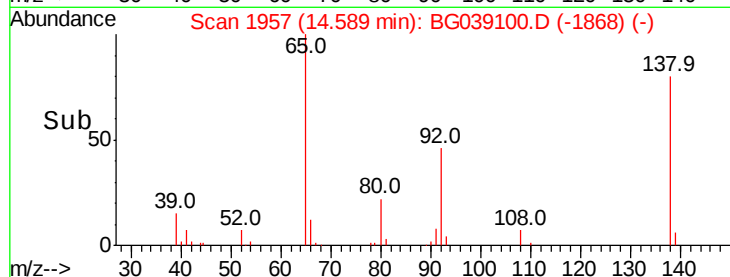
92 112.3 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 25.347 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

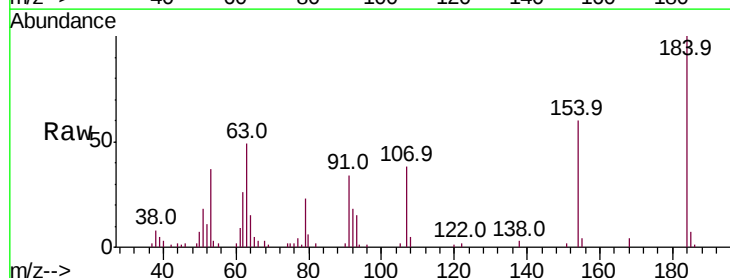
Tgt Ion:184 Resp: 25325

Ion Ratio Lower Upper

184 100

63 48.7 44.0 66.0

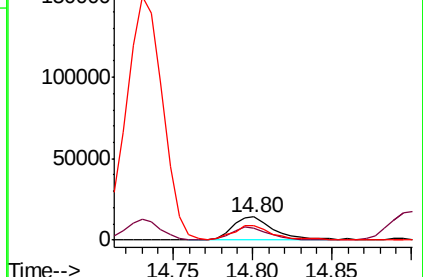
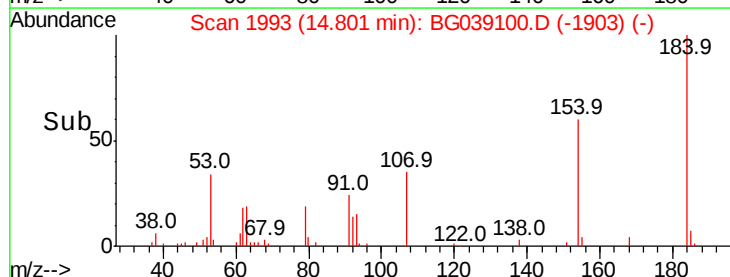
154 59.8 46.1 69.1

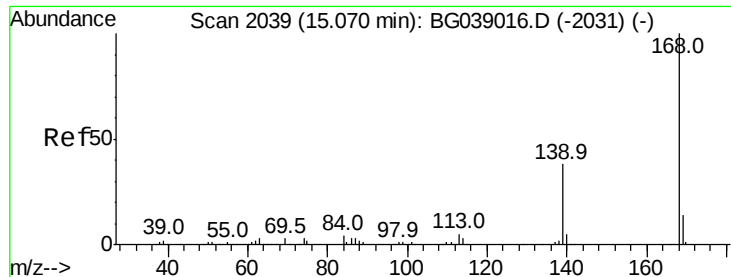


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.017 ng

RT: 15.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

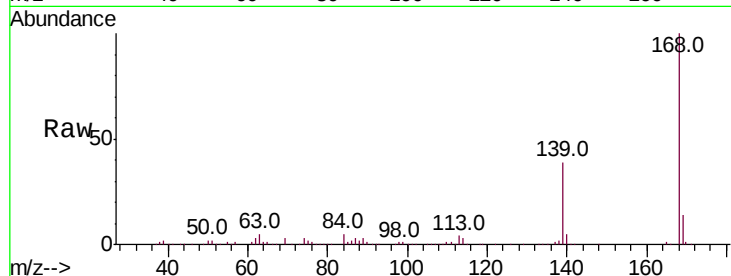
Tot Ion:168 Resp: 418027

Ion Ratio Lower Upper

168 100

139 39.1 30.1 45.1

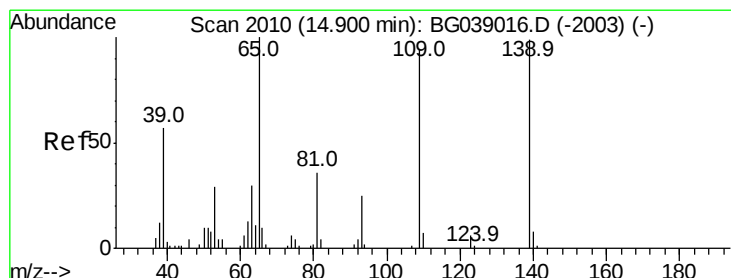
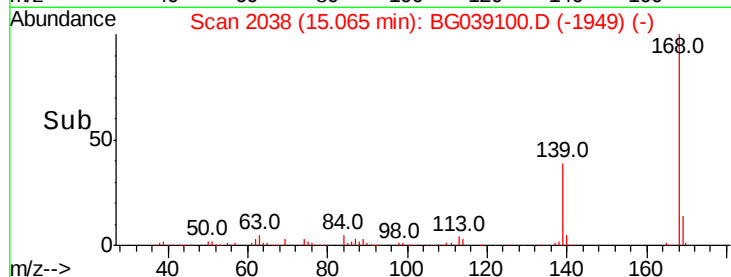
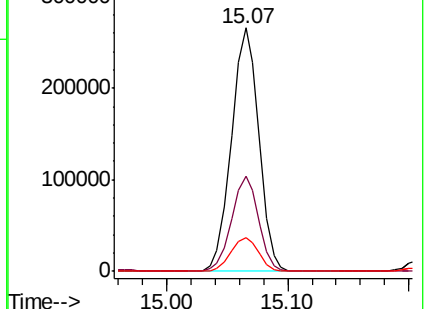
169 13.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 70.157 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

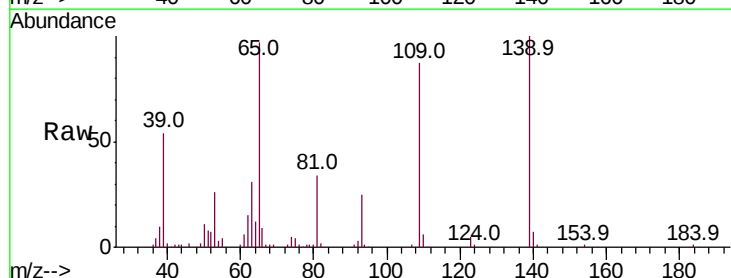
Tgt Ion:139 Resp: 101354

Ion Ratio Lower Upper

139 100

109 87.2 75.6 115.6

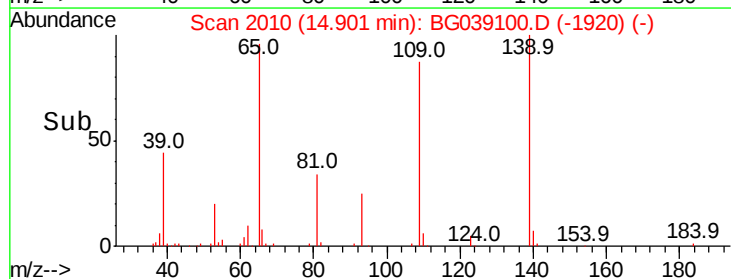
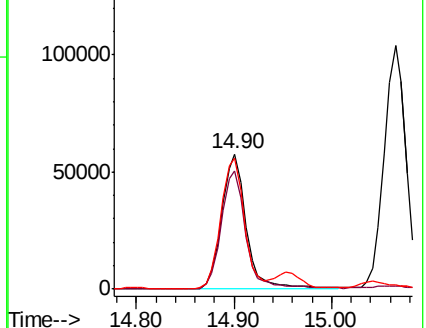
65 97.2 81.2 121.2

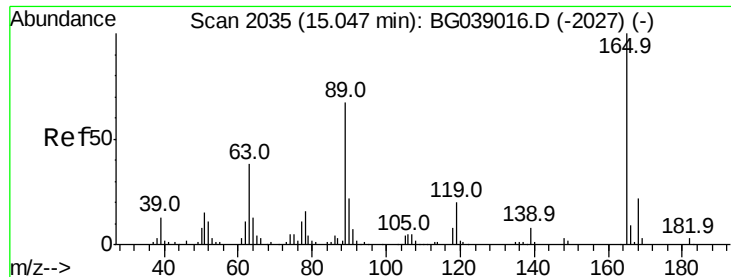


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

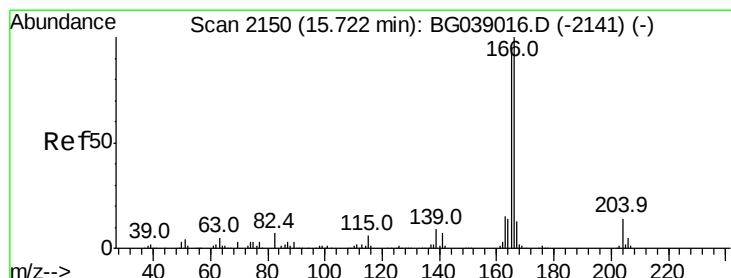
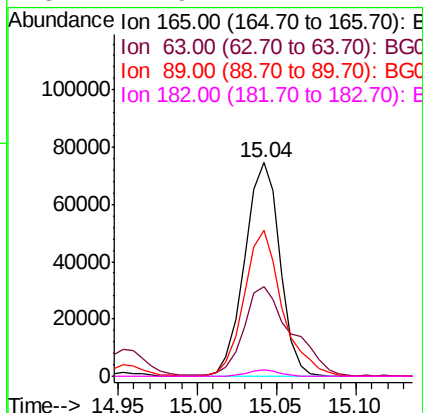
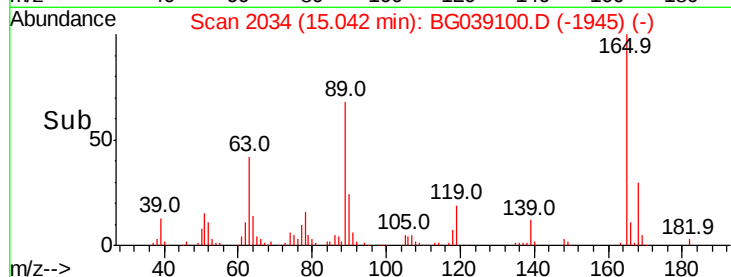
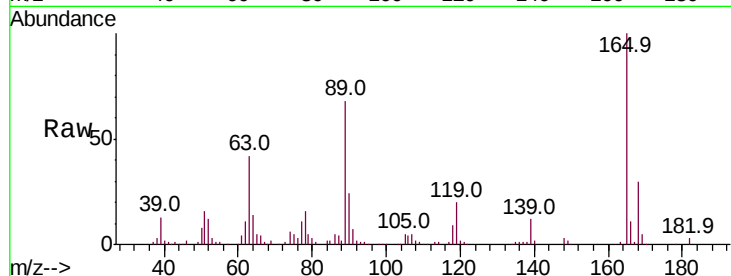




#57
2,4-Dinitrotoluene
Concen: 40.415 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

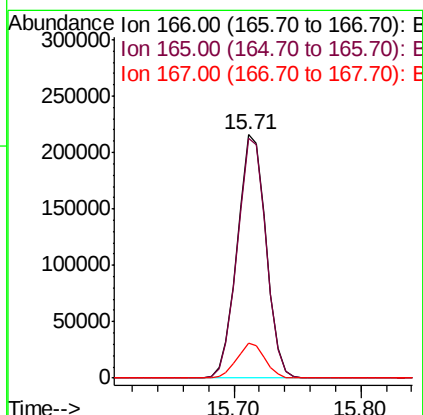
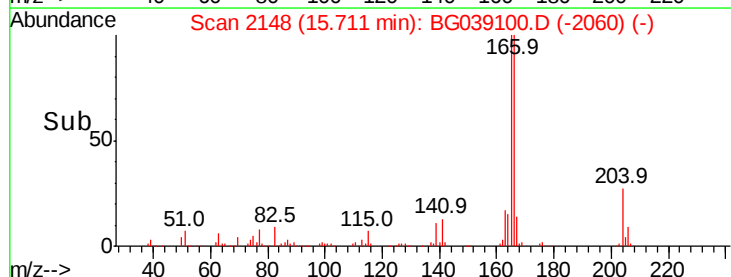
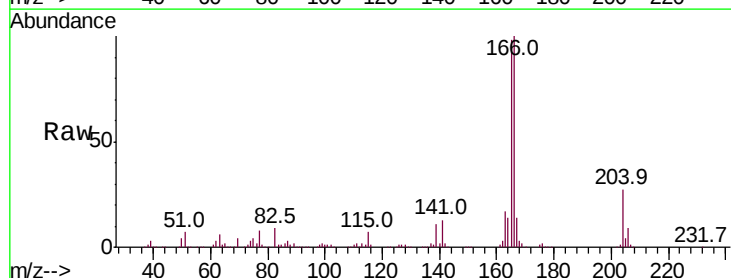
Instrument :
BNA_G
ClientSampleId :

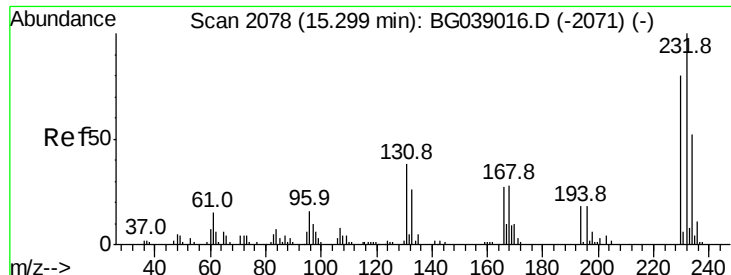
Tot Ion:165 Resp: 114761
Ion Ratio Lower Upper
165 100
63 42.0 30.2 45.4
89 68.3 53.2 79.8
182 2.9 2.7 4.1



#58
Fluorene
Concen: 41.844 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion:166 Resp: 337453
Ion Ratio Lower Upper
166 100
165 98.4 76.2 114.2
167 14.2 10.6 16.0

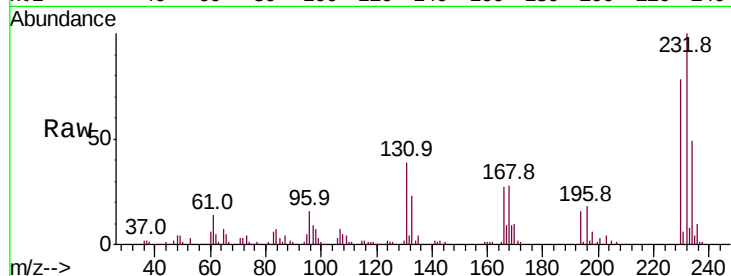




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.654 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.7	30.9	46.3
130	2.3	1.9	2.9
166	27.6	22.1	33.1



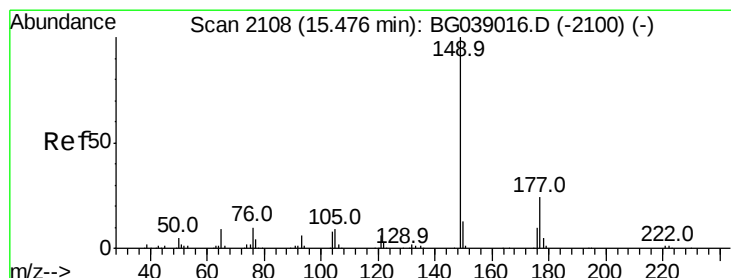
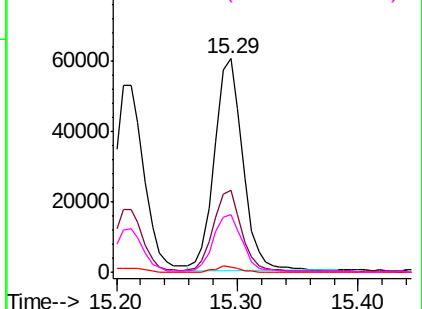
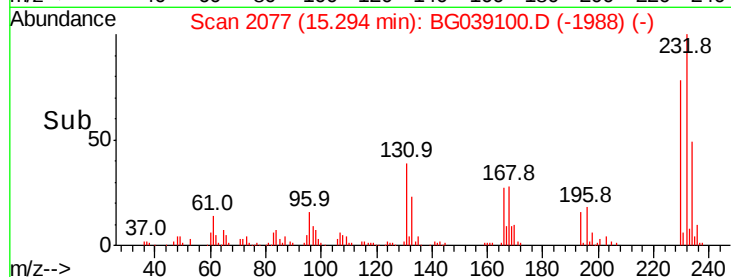
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

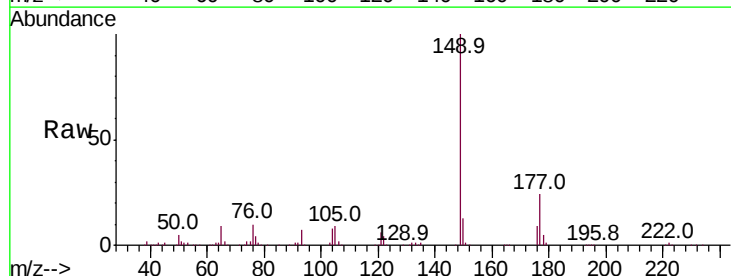
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.077 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.0	28.6
150	13.1	10.2	15.4

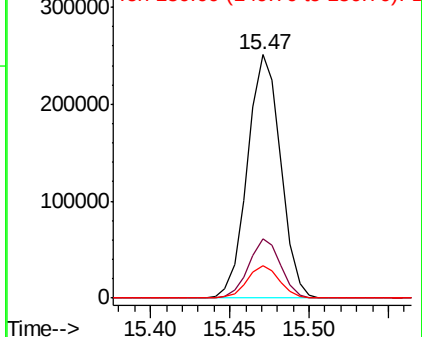
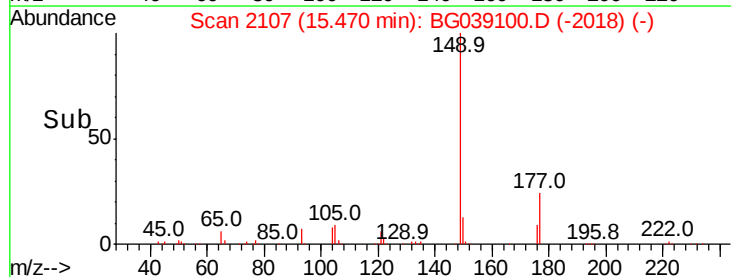


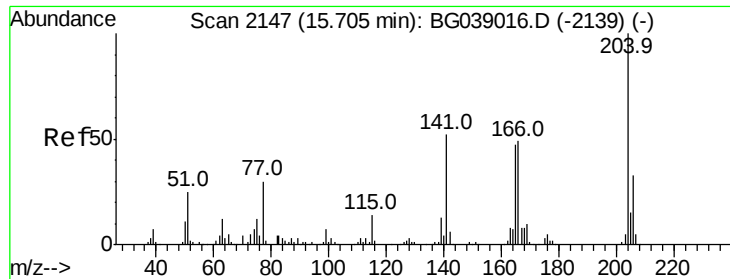
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

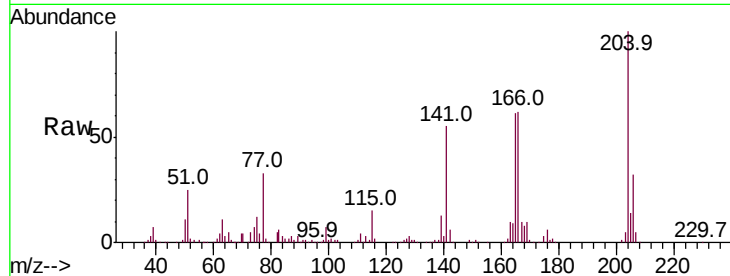




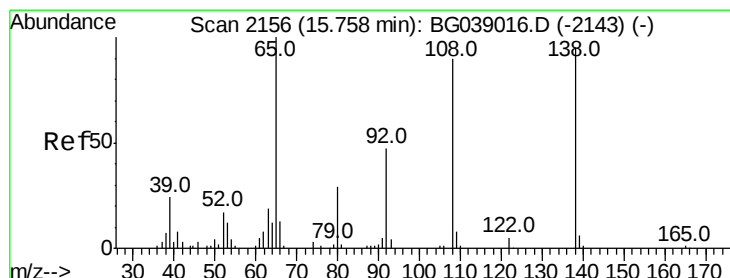
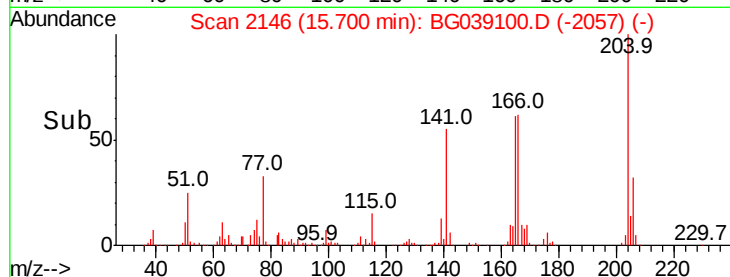
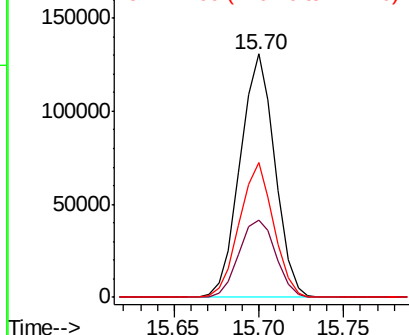
#61
 4-Chlorophenyl-phenylether
 Concen: 36.887 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 187412
 Ion Ratio Lower Upper
 204 100
 206 31.9 26.6 39.8
 141 55.3 41.4 62.0

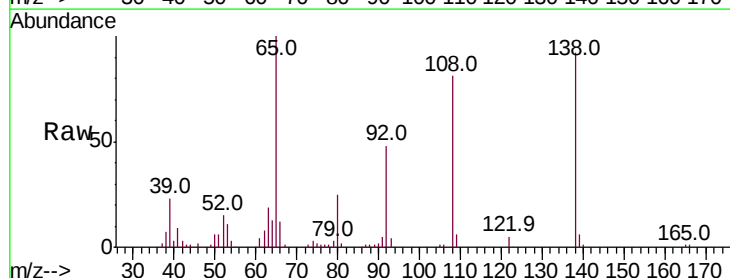


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

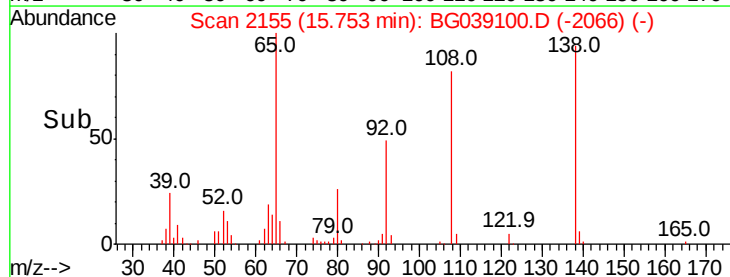
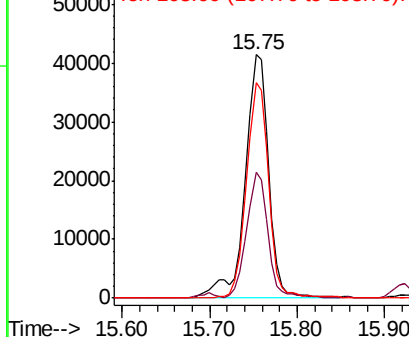


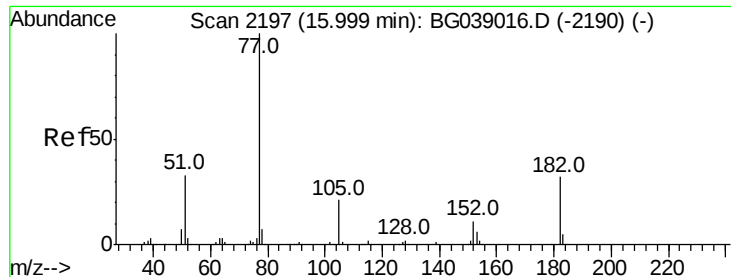
#62
 4-Nitroaniline
 Concen: 35.768 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion:138 Resp: 74813
 Ion Ratio Lower Upper
 138 100
 92 51.7 29.7 69.7
 108 88.3 75.7 115.7



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

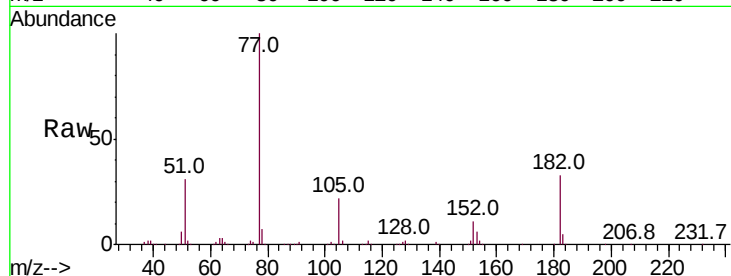




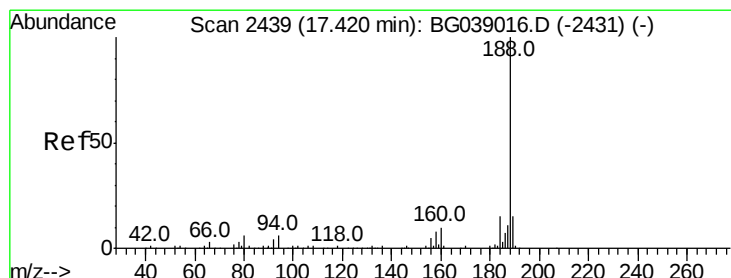
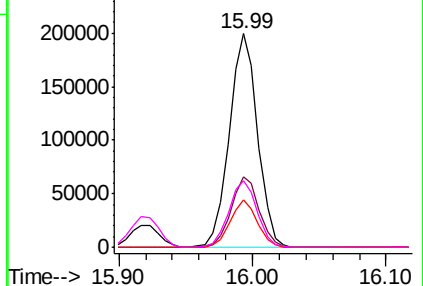
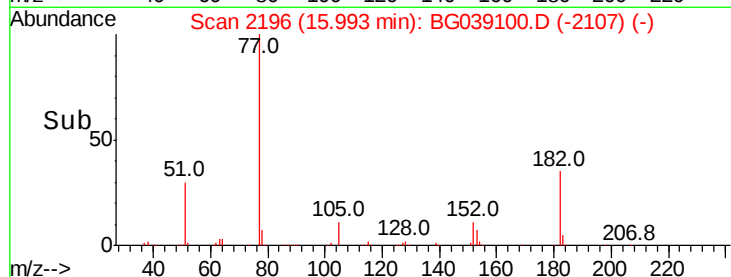
#63
Azobenzene
Concen: 41.081 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 293025
Ion Ratio Lower Upper
77 100
182 33.0 12.2 52.2
105 22.2 1.2 41.2
51 31.4 13.4 53.4

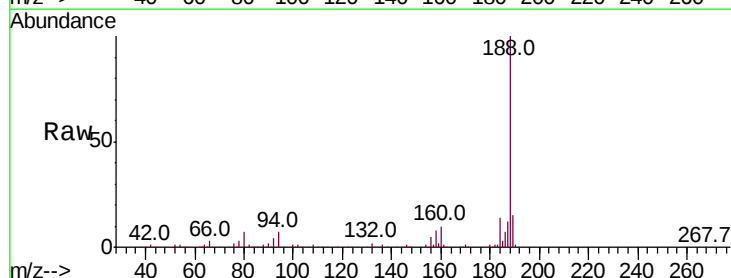


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

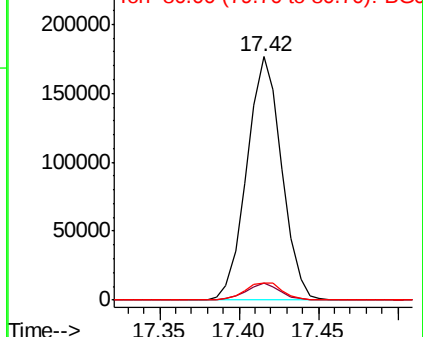
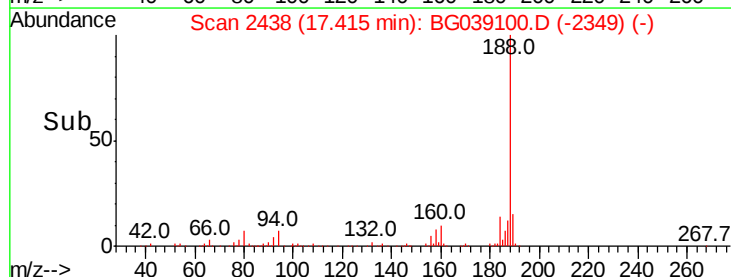


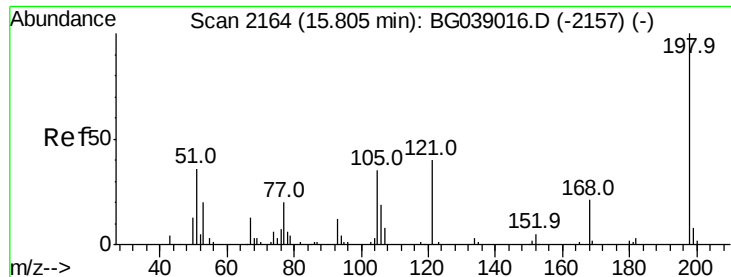
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion: 188 Resp: 269266
Ion Ratio Lower Upper
188 100
94 6.7 5.0 7.4
80 7.1 4.7 7.1#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

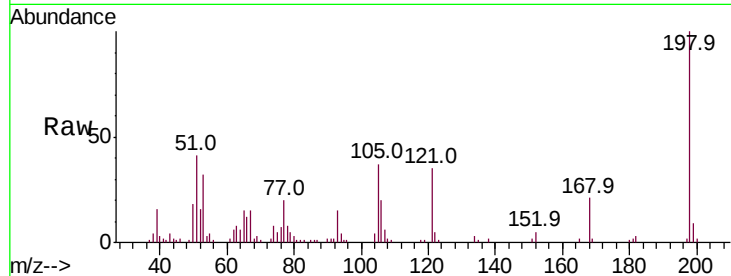




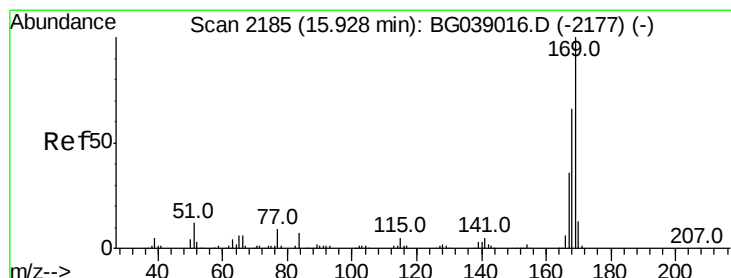
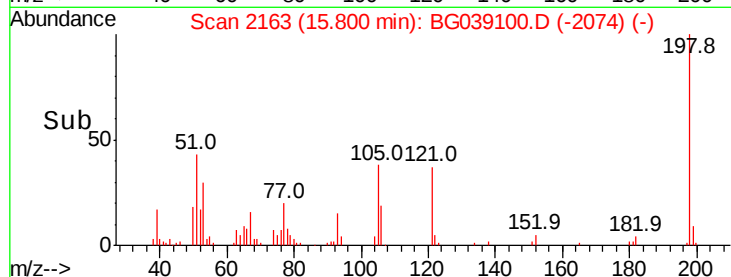
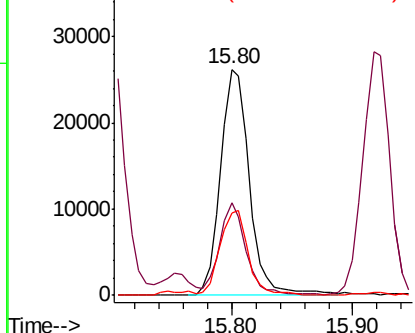
#65
 4,6-Dinitro-2-methylphenol
 Concen: 21.728 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 43345
 Ion Ratio Lower Upper
 198 100
 51 40.8 20.8 60.8
 105 36.5 16.1 56.1

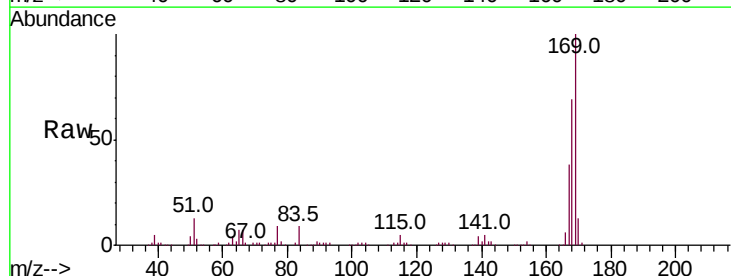


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

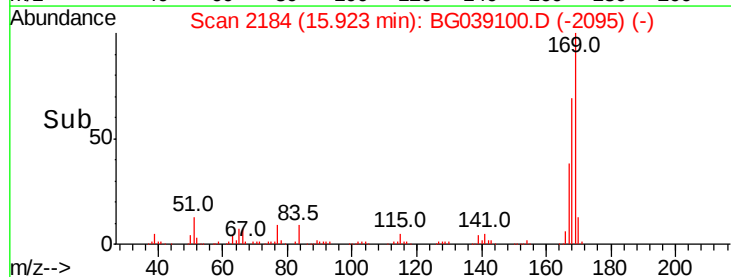
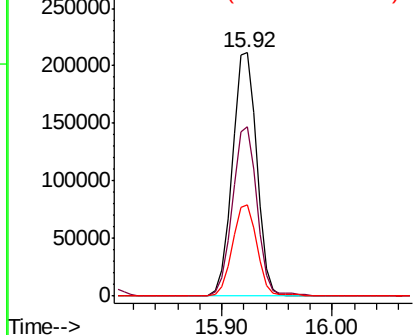


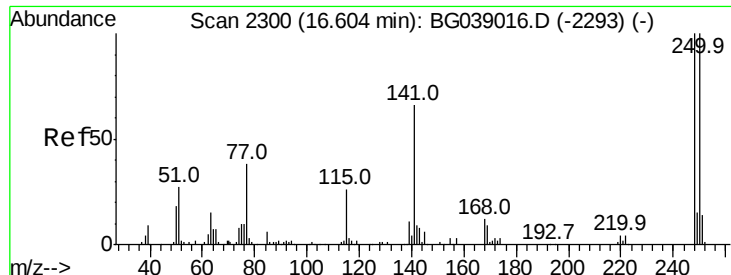
#66
 n-Nitrosodiphenylamine
 Concen: 41.108 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion:169 Resp: 328142
 Ion Ratio Lower Upper
 169 100
 168 69.4 53.2 79.8
 167 37.7 29.1 43.7



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





#67

4-Bromophenyl-phenylether

Concen: 38.332 ng

RT: 16.60 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampled :

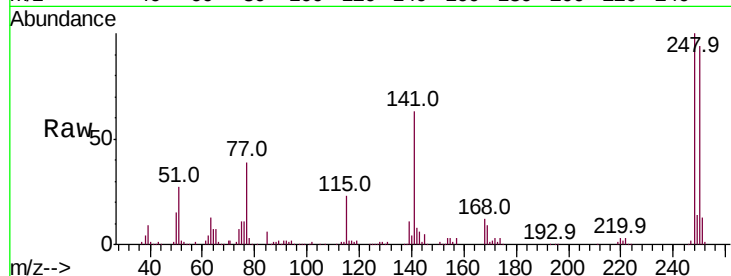
Tot Ion:248 Resp: 132677

Ion Ratio Lower Upper

248 100

250 94.4 79.9 119.9

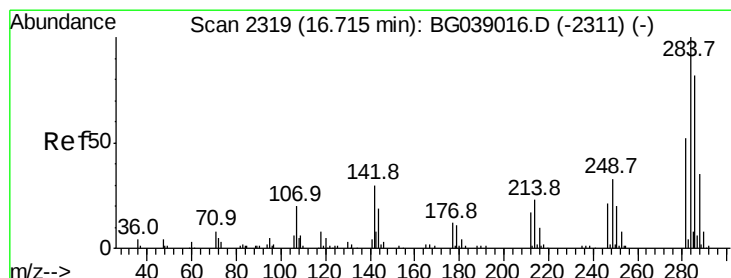
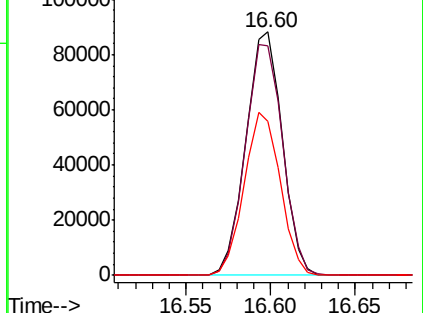
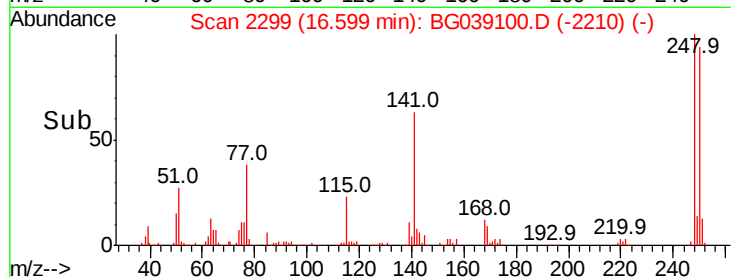
141 63.2 52.7 79.1



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.107 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

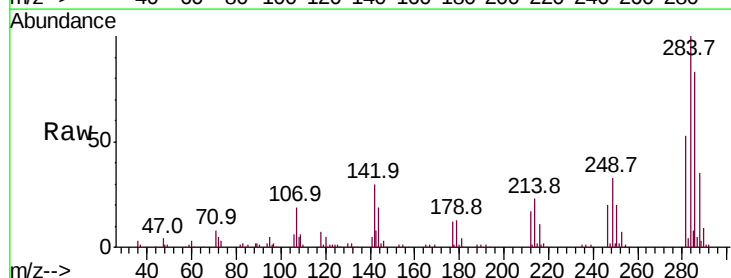
Tgt Ion:284 Resp: 136372

Ion Ratio Lower Upper

284 100

142 30.0 24.3 36.5

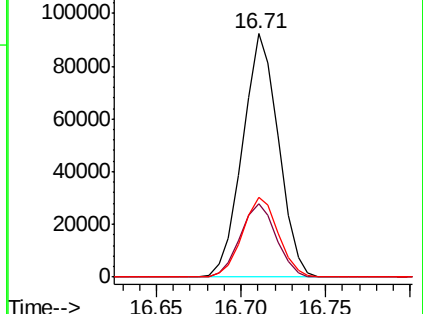
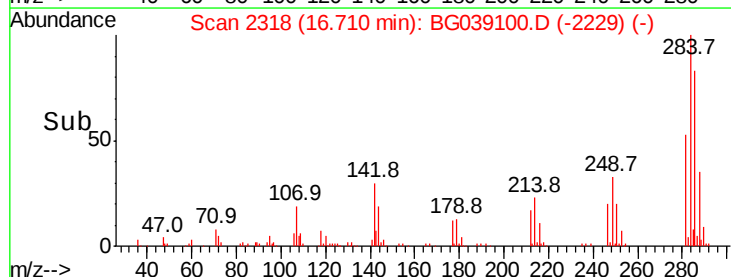
249 34.9 27.8 41.8

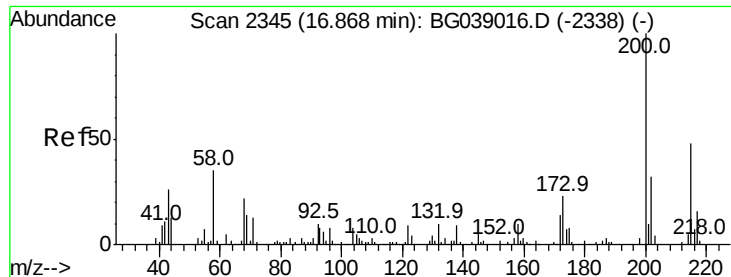


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

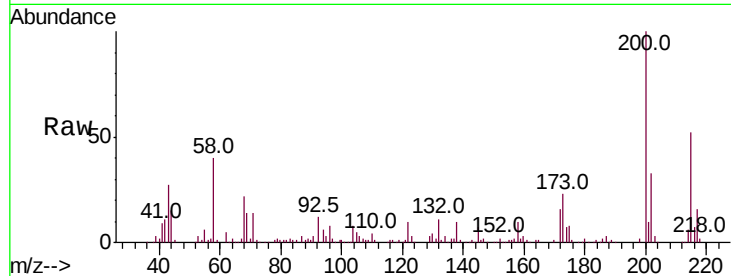




#69
 Atrazine
 Concen: 37.060 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.0	2.6	42.6
215	51.6	28.0	68.0

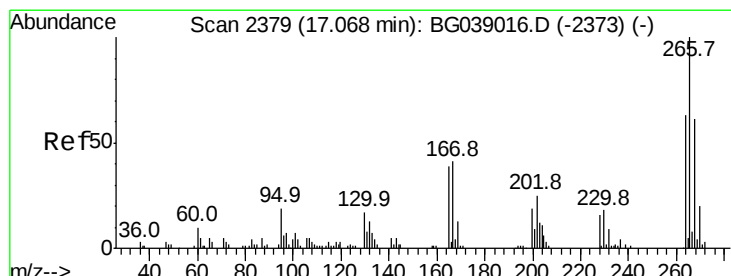
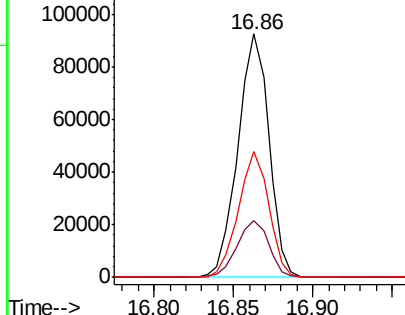
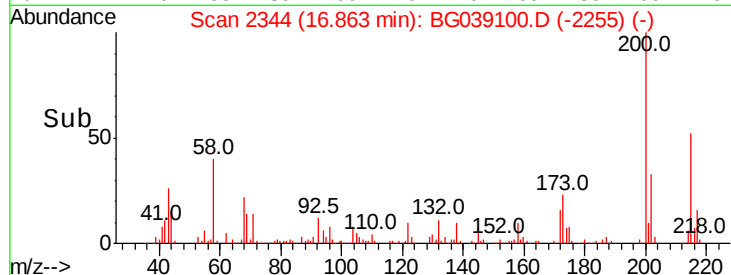


Abundance

Ion 200.00 (199.70 to 200.70): E

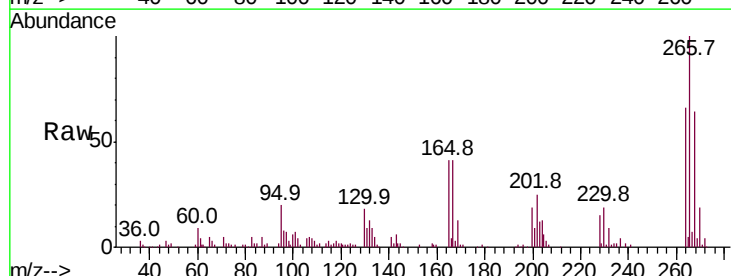
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 47.186 ng
 RT: 17.06 min Scan# 2378
 Delta R.T. -0.00 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.0	78.0
264	65.8	54.6	81.8

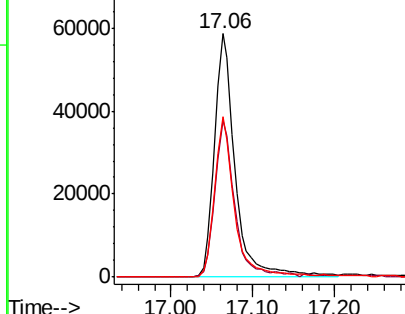
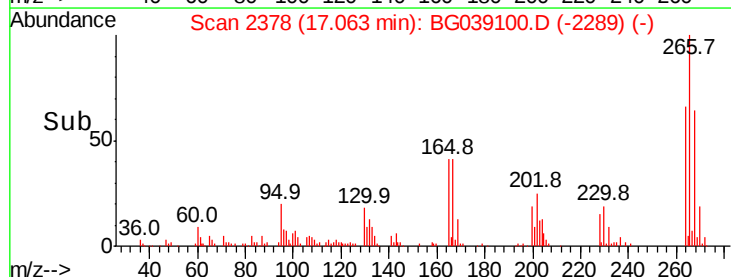


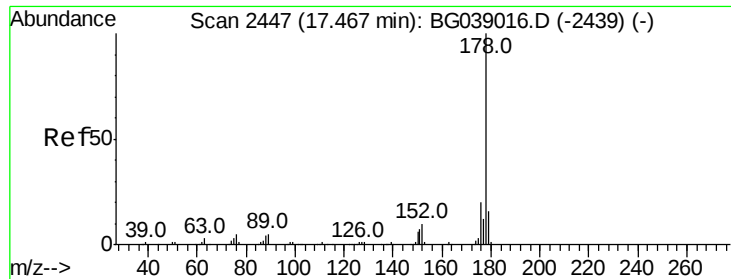
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

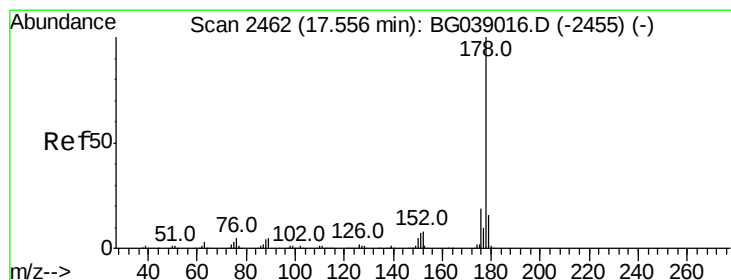
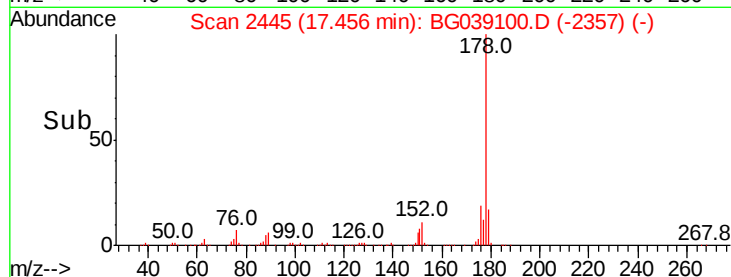
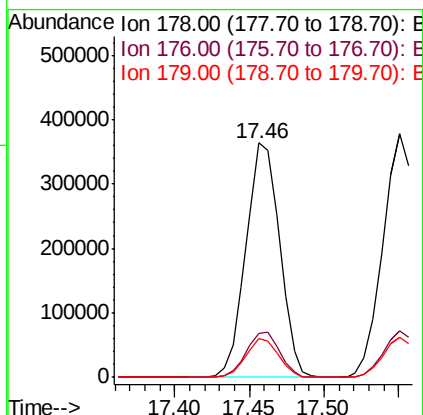
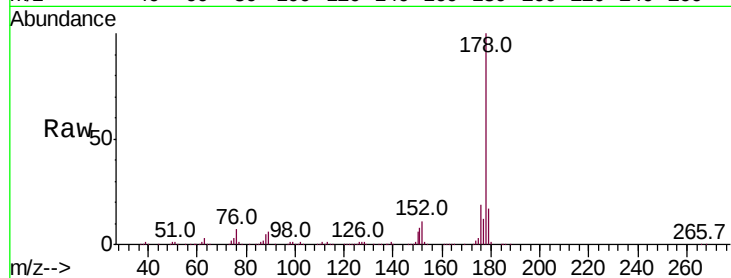




#71
Phenanthrene
Concen: 39.855 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

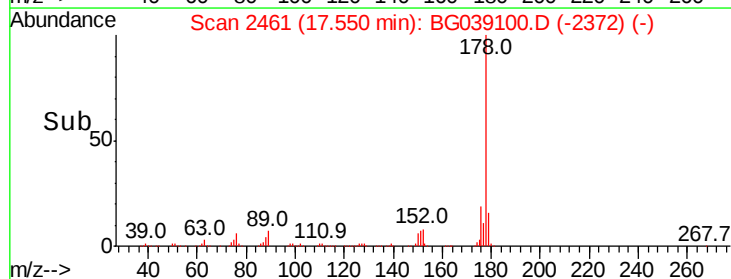
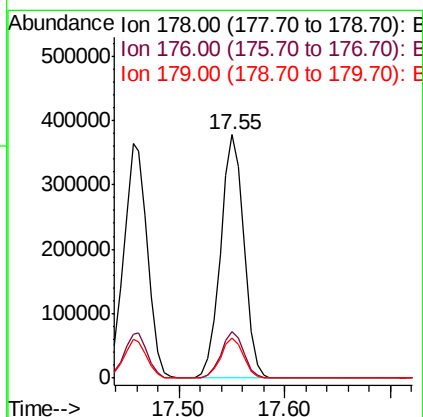
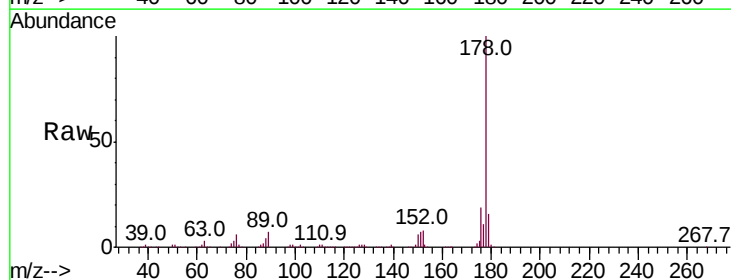
Instrument :
BNA_G
ClientSampleId :

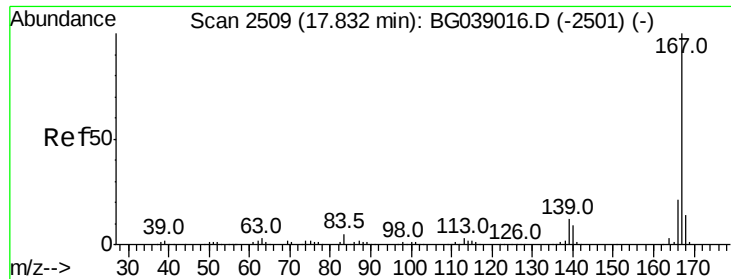
Tot Ion:178 Resp: 567240
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 16.7 12.9 19.3



#72
Anthracene
Concen: 41.102 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion:178 Resp: 578390
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 16.4 13.0 19.4

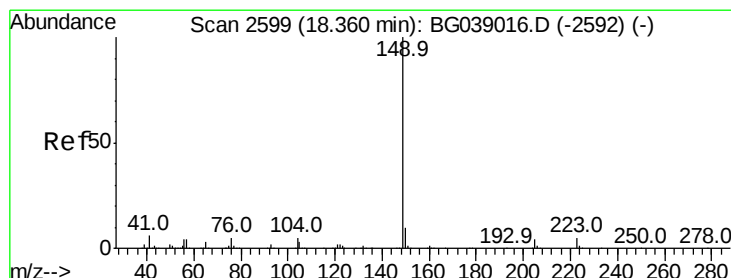
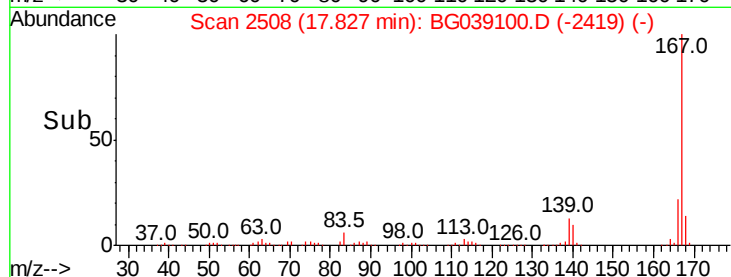
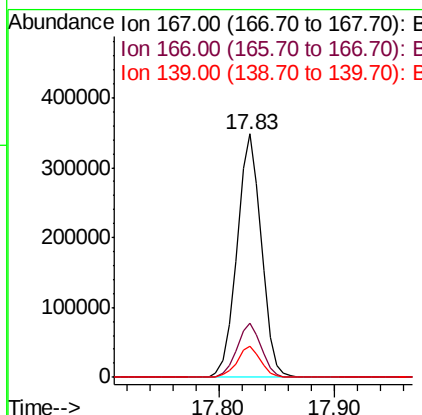
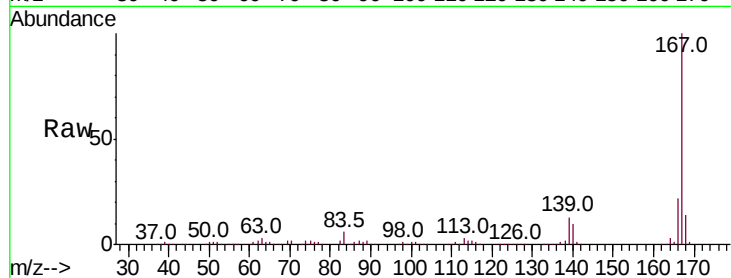




#73
 Carbazole
 Concen: 36.549 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

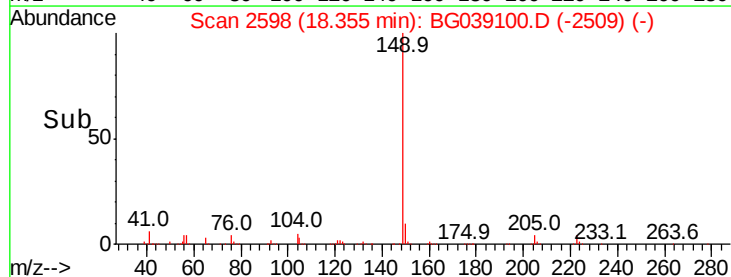
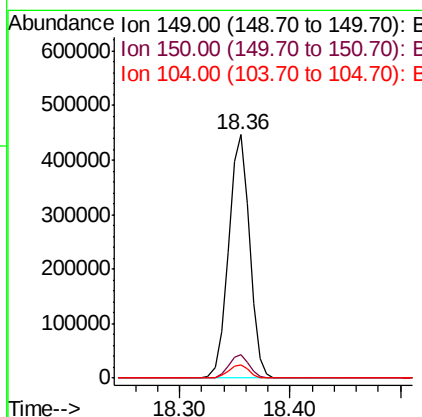
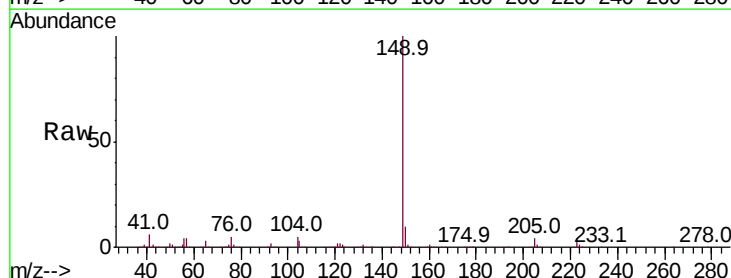
Instrument :
 BNA_G
 ClientSampleId :

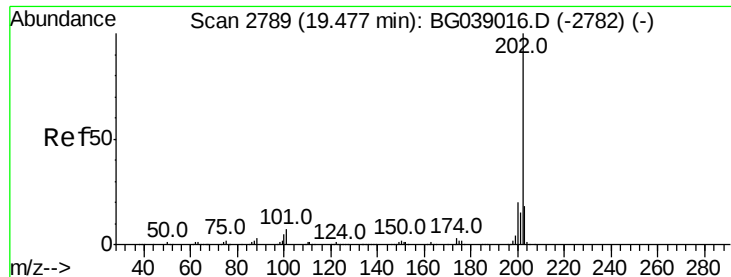
Tot Ion:167 Resp: 507727
 Ion Ratio Lower Upper
 167 100
 166 22.1 16.9 25.3
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 38.533 ng
 RT: 18.36 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion:149 Resp: 595499
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 35.418 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

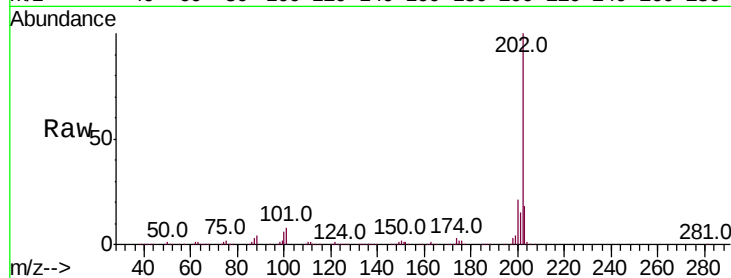
Tot Ion:202 Resp: 624903

Ion Ratio Lower Upper

202 100

101 8.1 0.0 26.9

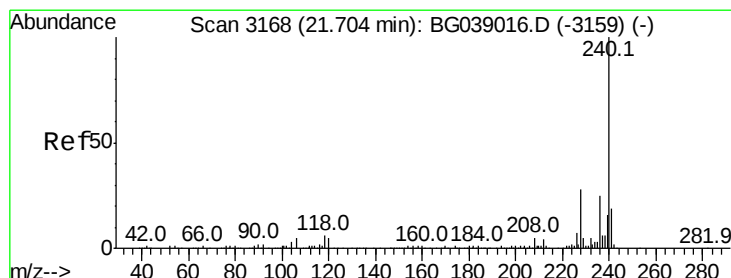
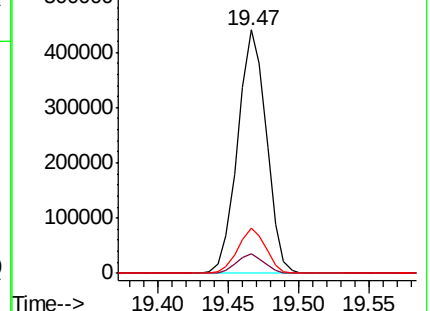
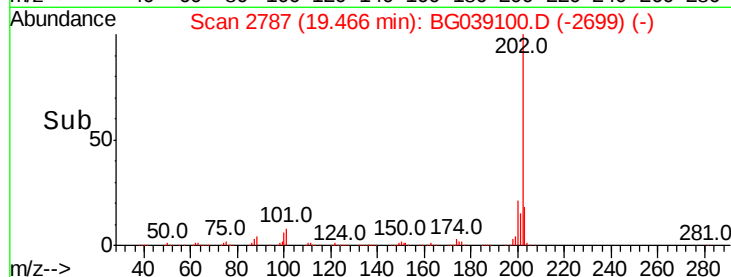
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

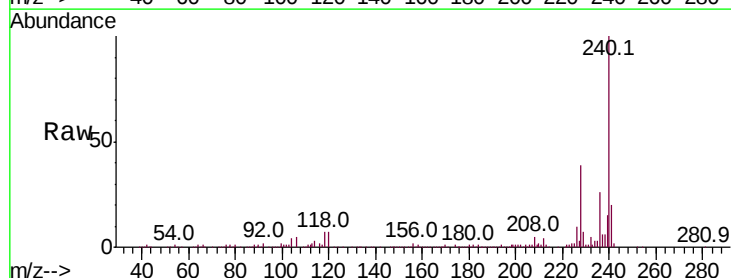
Tgt Ion:240 Resp: 210279

Ion Ratio Lower Upper

240 100

120 6.8 4.3 6.5#

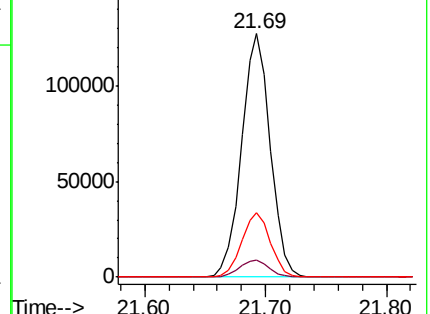
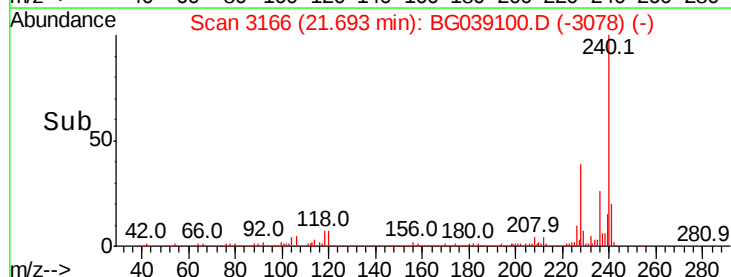
236 26.5 20.1 30.1

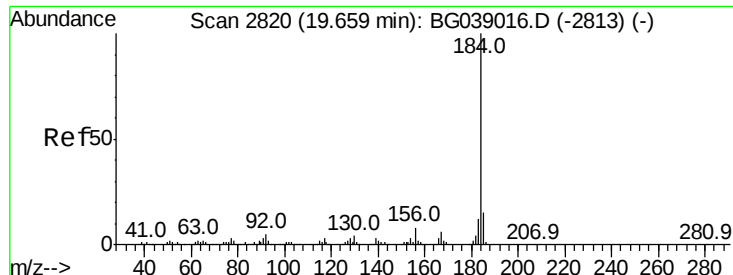


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.771 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

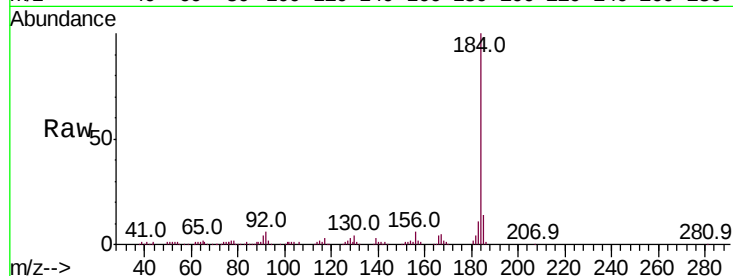
Tot Ion:184 Resp: 120730

Ion Ratio Lower Upper

184 100

185 13.9 12.1 18.1

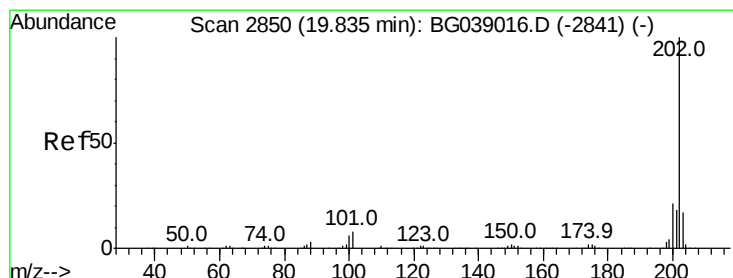
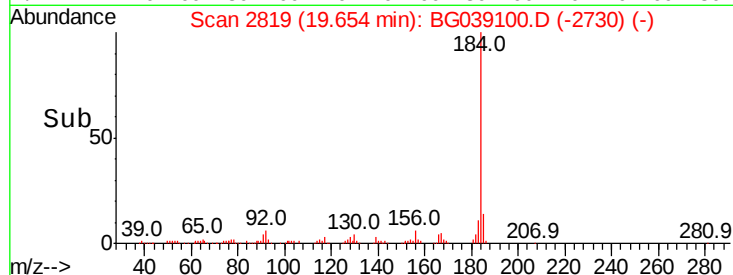
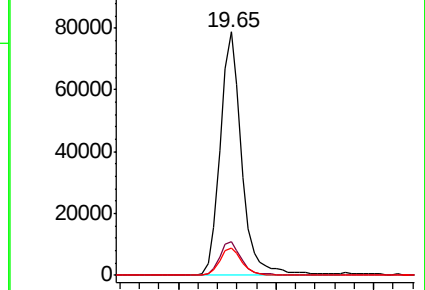
183 11.5 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.862 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

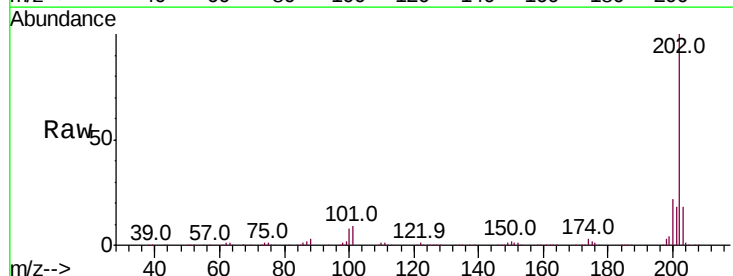
Tgt Ion:202 Resp: 627991

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

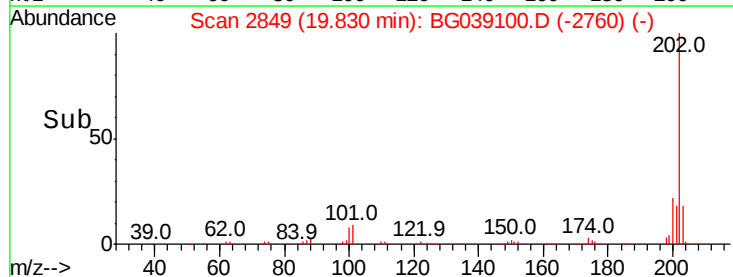
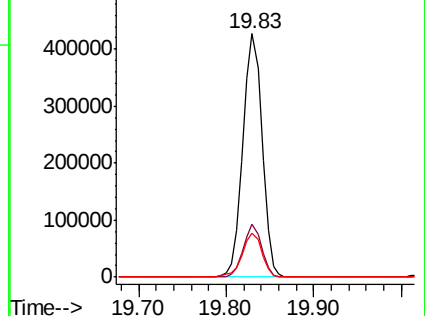
203 17.9 14.0 21.0

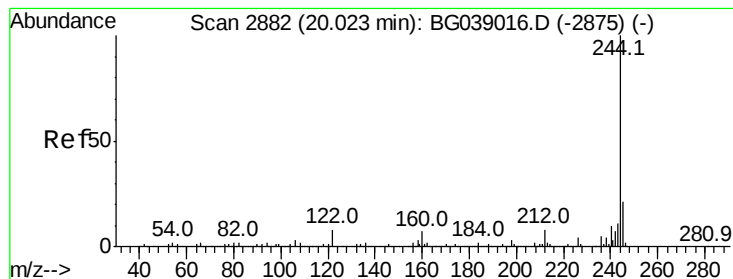


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.196 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

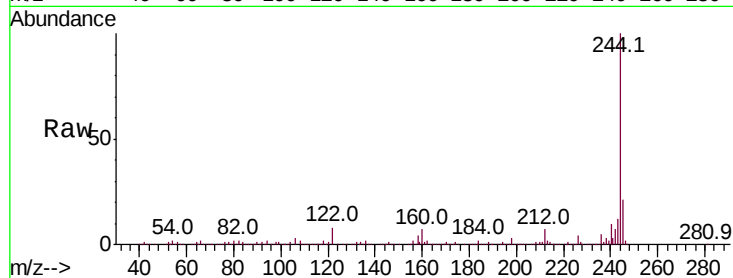
Tot Ion:244 Resp: 854765

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

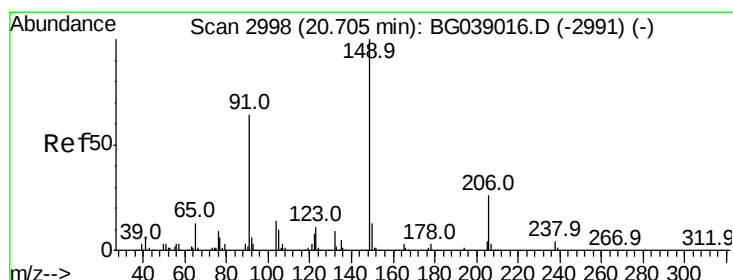
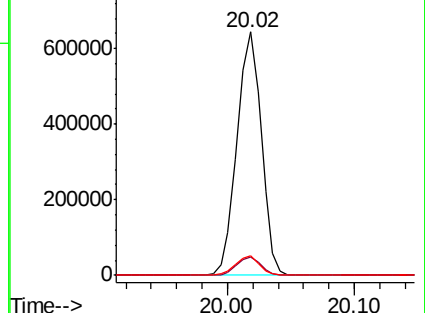
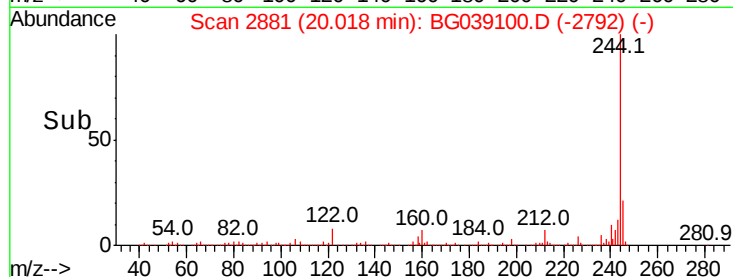
122 7.9 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.900 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

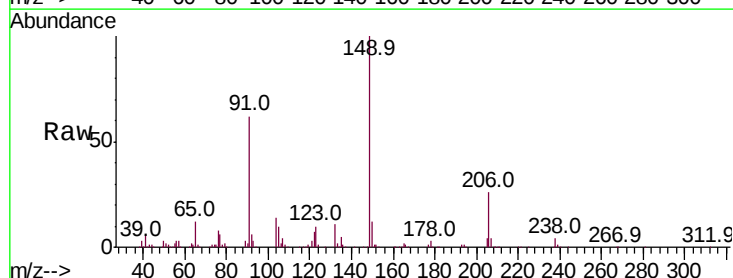
Tgt Ion:149 Resp: 213558

Ion Ratio Lower Upper

149 100

91 62.4 51.4 77.0

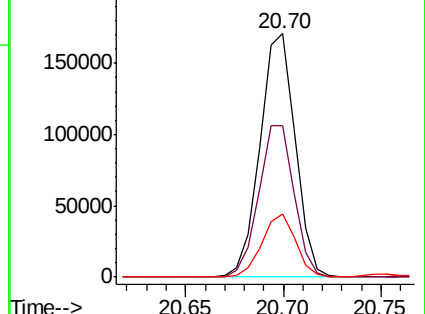
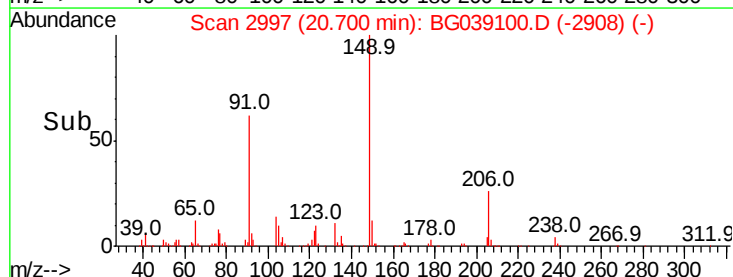
206 25.9 20.4 30.6

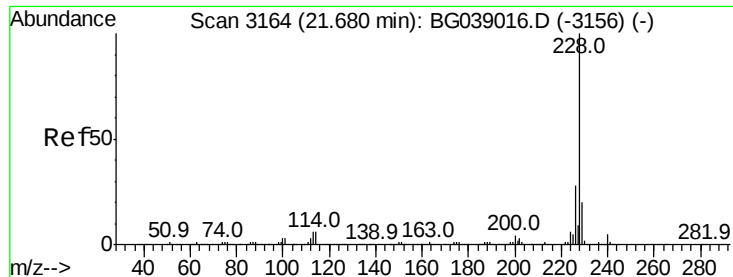


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.802 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

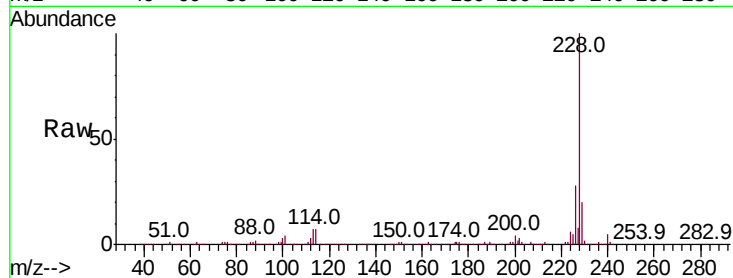
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 535091

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.5	16.2	24.2

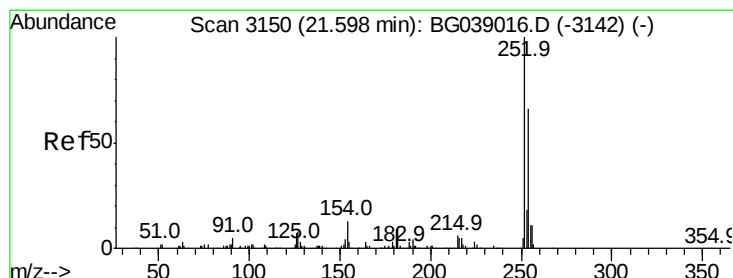
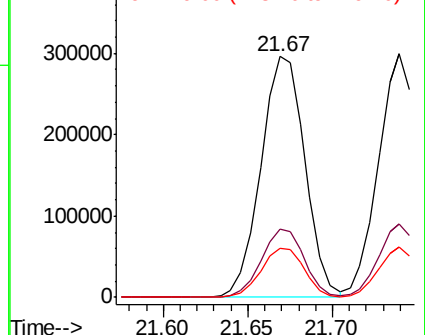
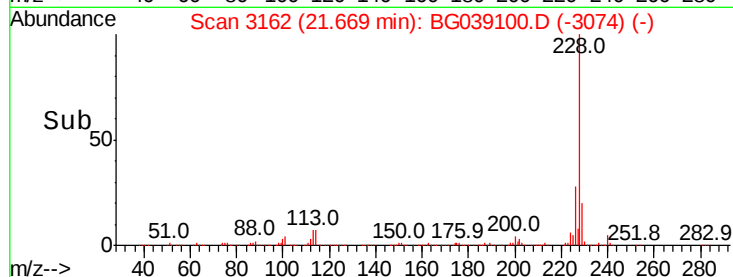


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.157 ng

RT: 21.59 min Scan# 3148

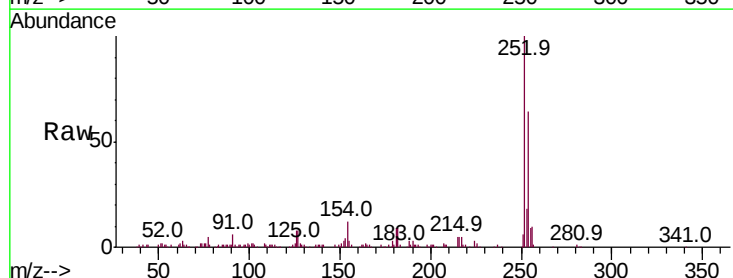
Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Tgt Ion:252 Resp: 84268

Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.0	79.6
126	8.0	6.0	9.0

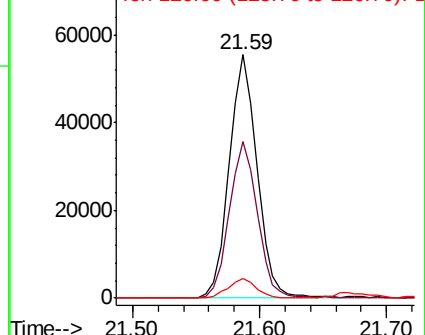
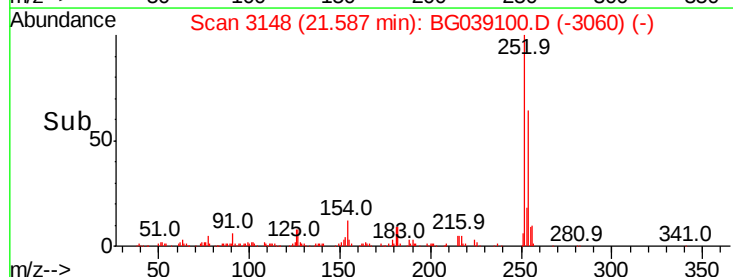


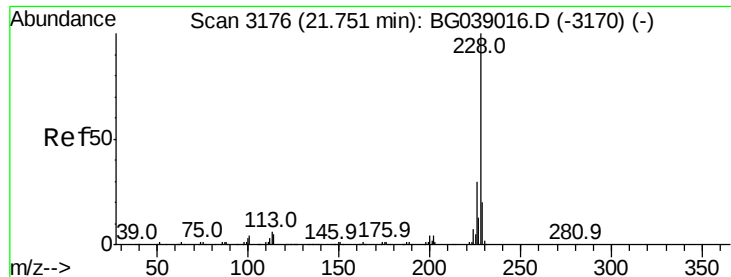
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

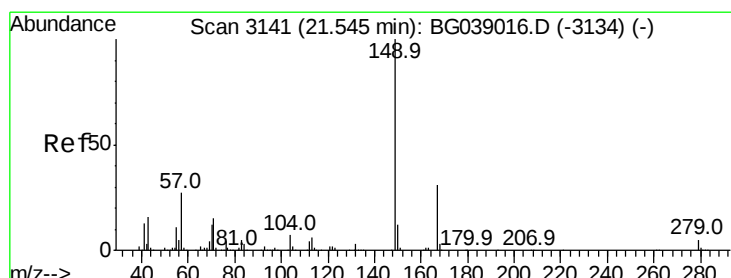
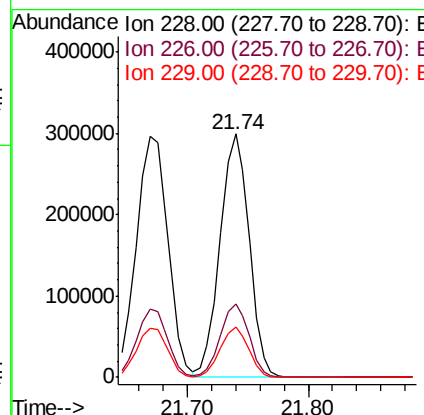
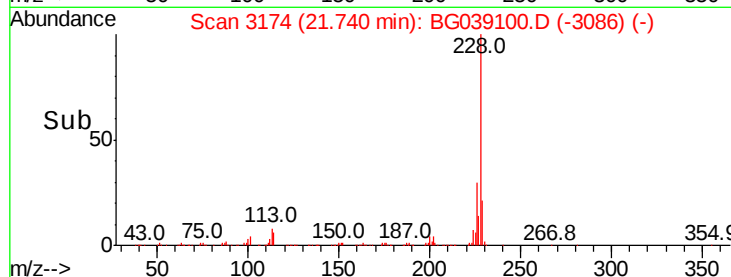
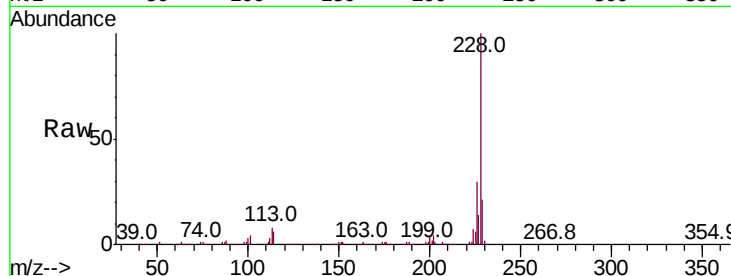




#83
 Chrysene
 Concen: 40.856 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

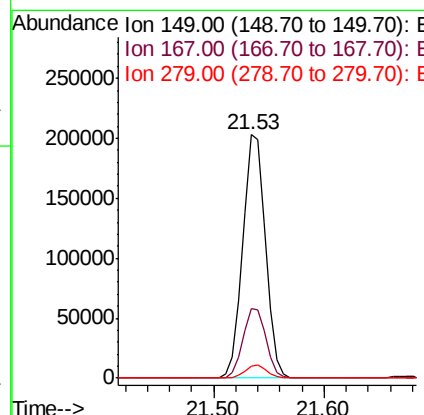
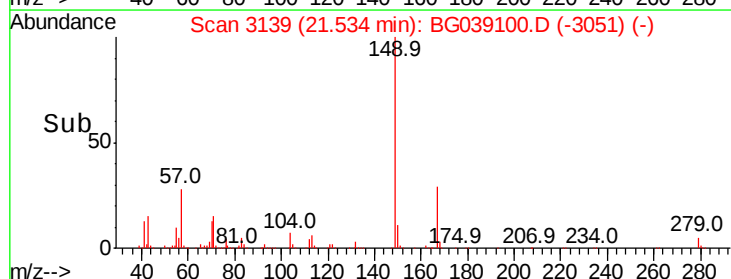
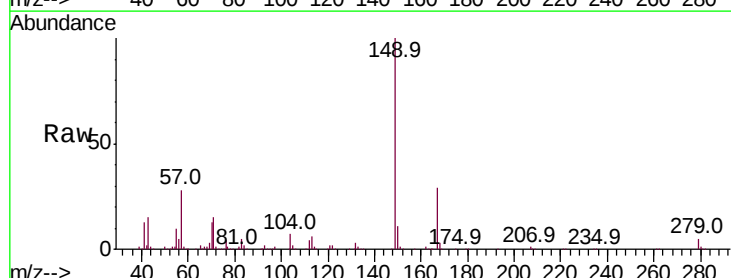
Instrument :
 BNA_G
 ClientSampleId :

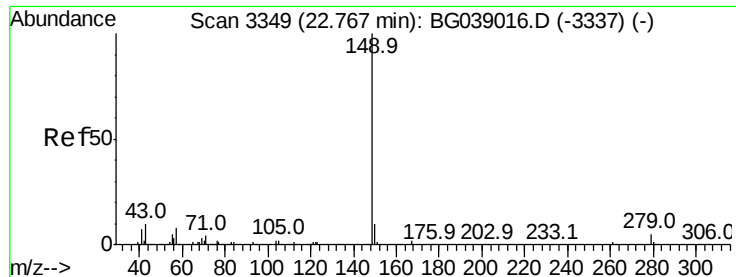
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	20.6	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.563 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG039100.D
 Acq: 12 Jan 2019 00:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	25.0	37.4
279	4.9	4.3	6.5

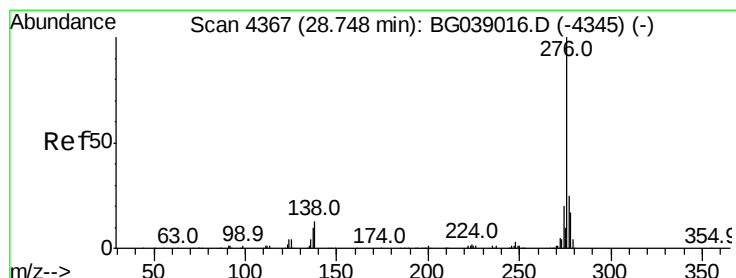
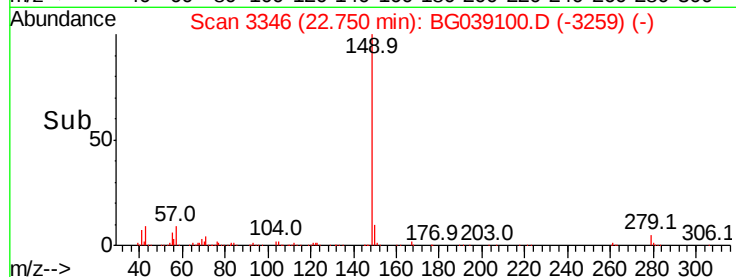
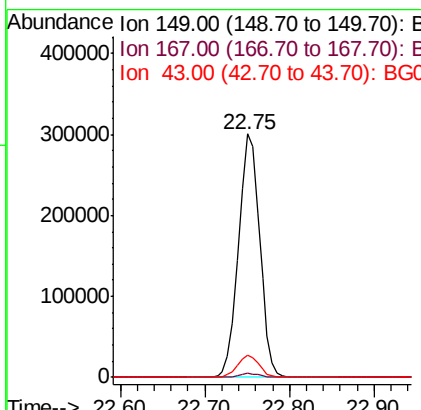
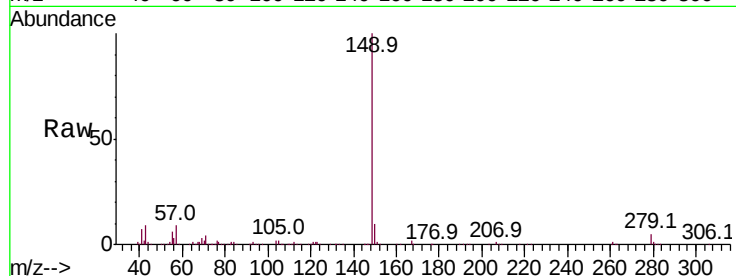




#85
Di-n-octyl phthalate
Concen: 43.381 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

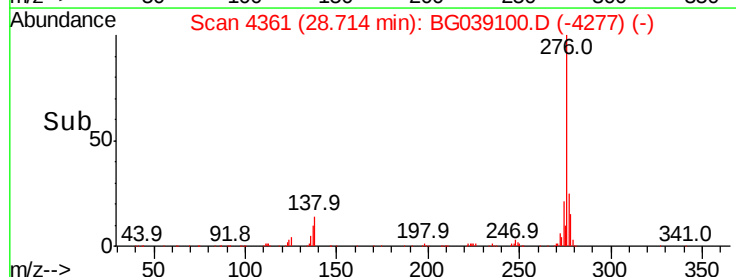
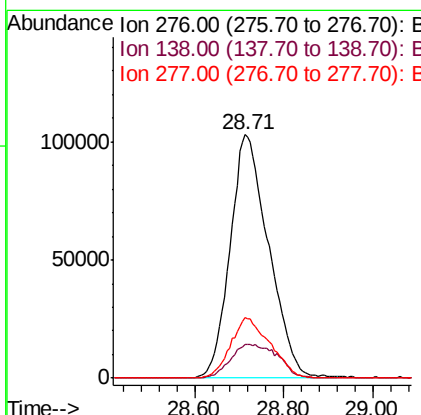
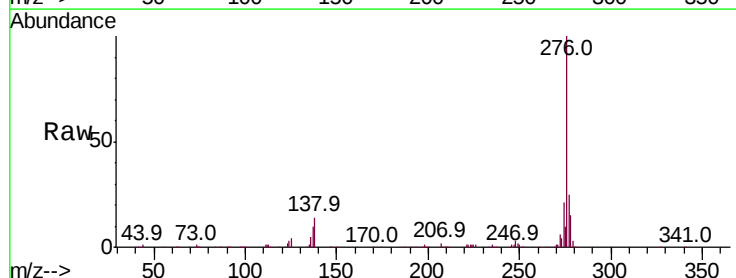
Instrument :
BNA_G
ClientSampleId :

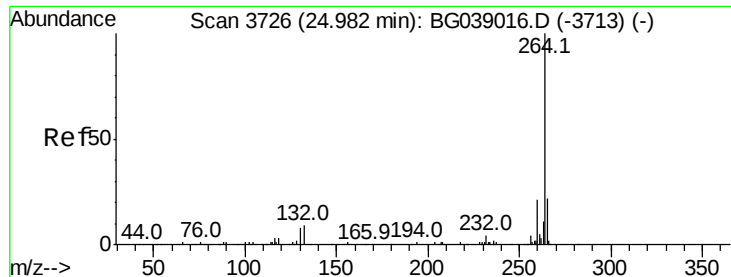
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.545 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG039100.D
Acq: 12 Jan 2019 00:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	8.0	12.0#
277	25.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

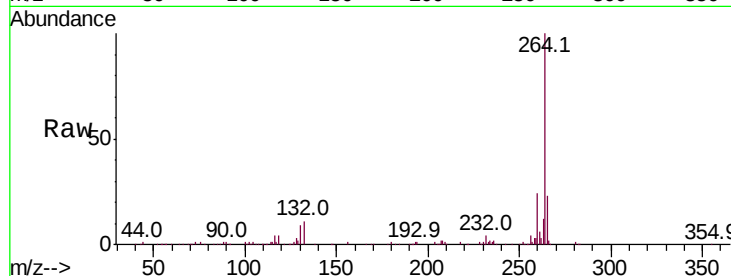
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 233415

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.0	25.6
265	22.6	17.2	25.8

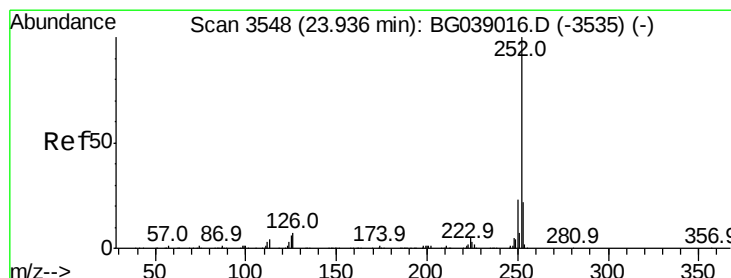
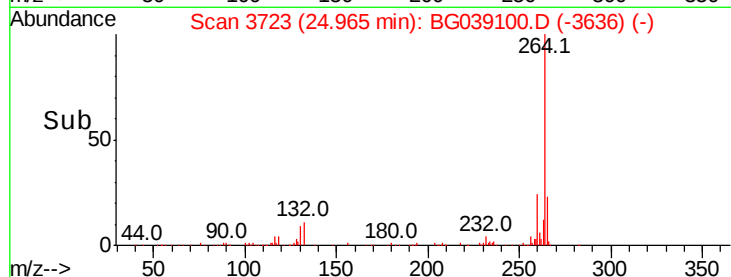
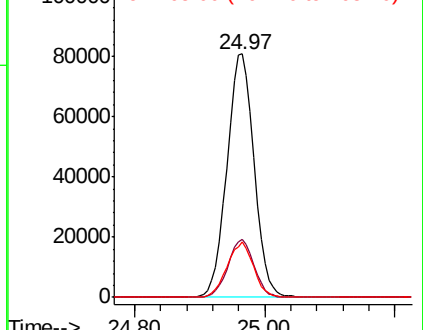


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.768 ng

RT: 23.92 min Scan# 3545

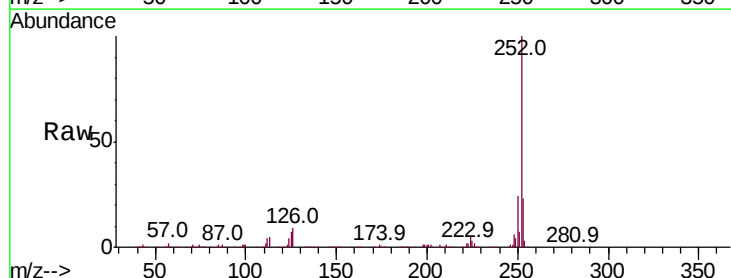
Delta R.T. -0.02 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Tgt Ion:252 Resp: 550439

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	6.9	4.9	7.3

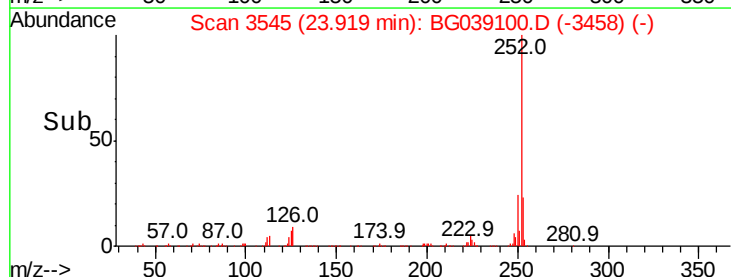
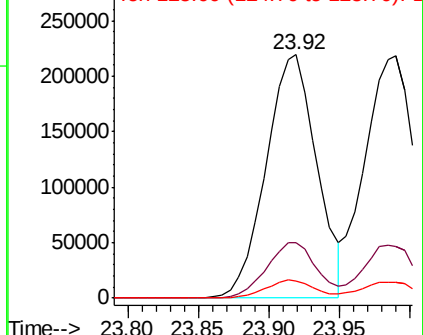


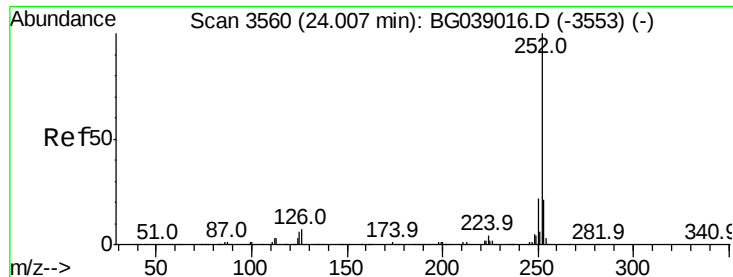
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.621 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampled :

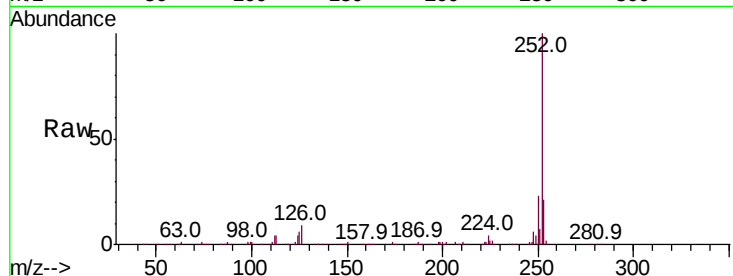
Tot Ion:252 Resp: 542372

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

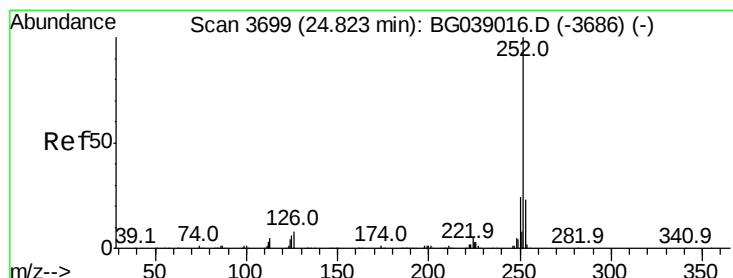
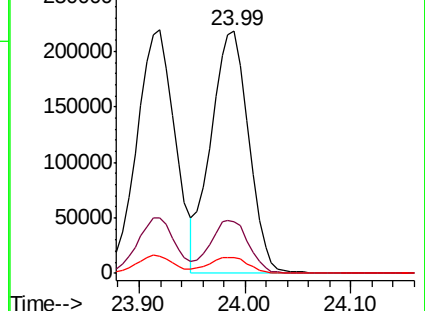
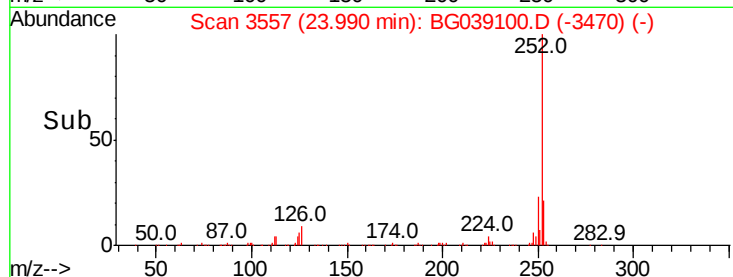
125 6.3 4.6 7.0



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



#90

Benzo(a)pyrene

Concen: 44.345 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

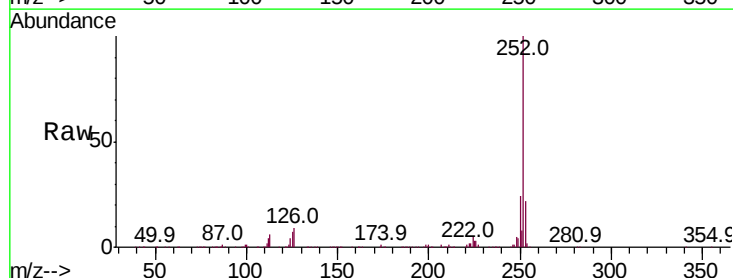
Tgt Ion:252 Resp: 551664

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

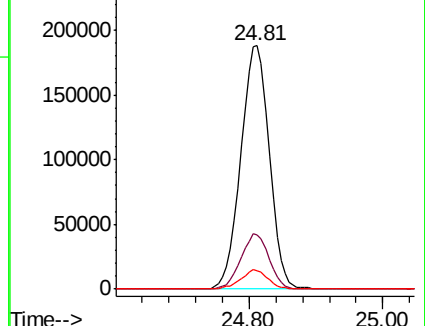
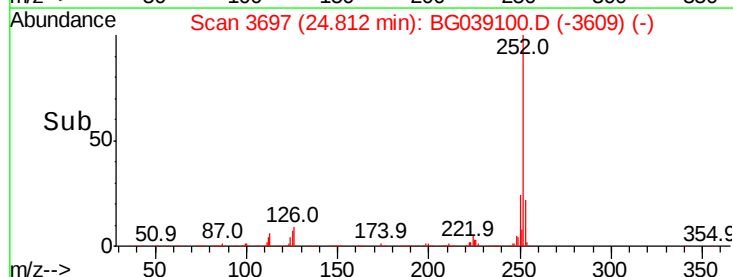
125 7.3 4.9 7.3#

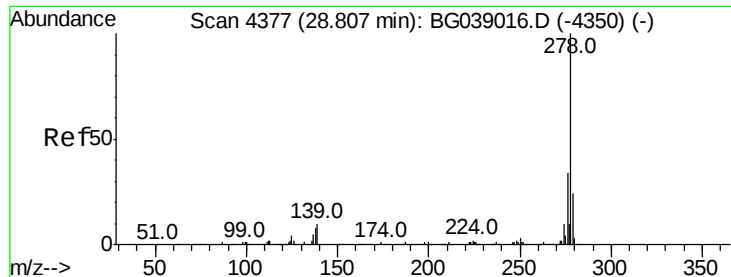


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.394 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.03 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA_G

ClientSampleId :

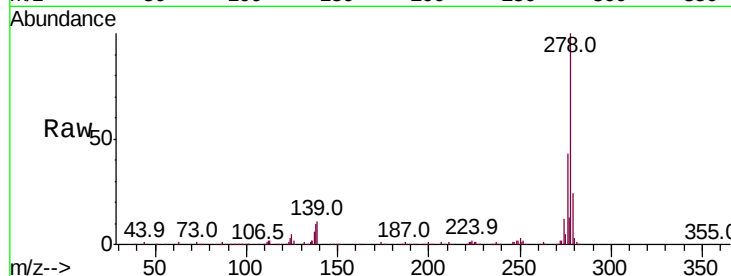
Tot Ion:278 Resp: 512209

Ion Ratio Lower Upper

278 100

139 10.8 7.9 11.9

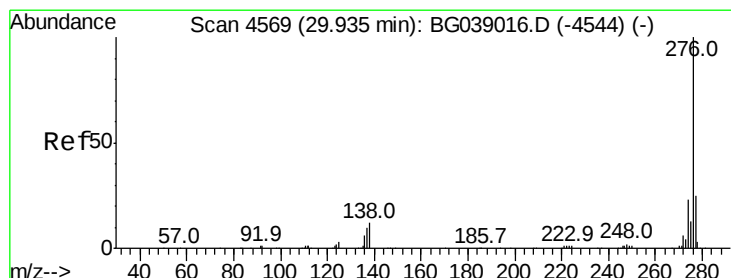
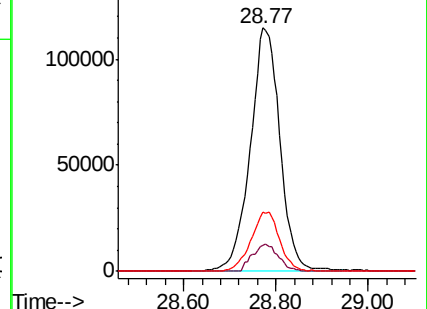
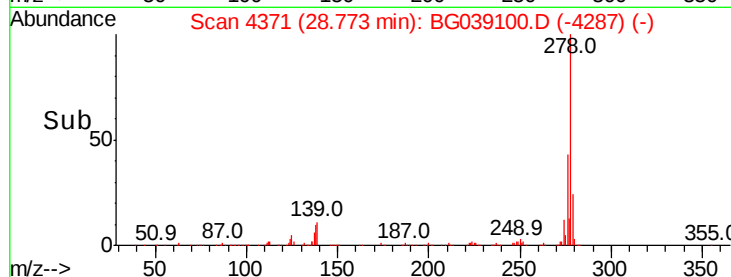
279 24.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.660 ng

RT: 29.90 min Scan# 4563

Delta R.T. -0.03 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

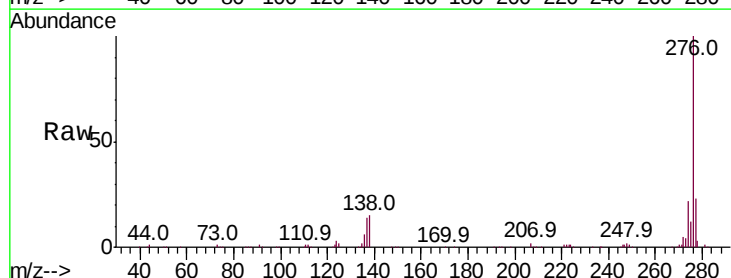
Tgt Ion:276 Resp: 534838

Ion Ratio Lower Upper

276 100

277 23.2 20.3 30.5

138 14.7 9.4 14.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

