

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039101.D
 Acq On : 12 Jan 2019 1:19
 Operator : JU/SJ
 Sample : K1100-08MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 03:11:37 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	8.02	152	28829	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	131824	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	102911	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	234612	20.00	ng	0.00
76) Chrysene-d12	21.69	240	197416	20.00	ng	-0.01
87) Perylene-d12	24.97	264	213625	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	225284	148.24	ng	0.00
7) Phenol-d6	7.19	99	339902	155.41	ng	0.00
23) Nitrobenzene-d5	9.20	82	194959	80.93	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	185823	107.72	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	538969	71.67	ng	0.00
79) Terphenyl-d14	20.02	244	791578	74.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	18763	31.528	ng	96
3) Pyridine	3.86	79	58580	36.225	ng	84
4) n-Nitrosodimethylamine	3.78	42	31602	43.428	ng	94
6) Aniline	7.36	93	45563	17.347	ng	100
8) 2-Chlorophenol	7.59	128	88161	49.212	ng	98
9) Benzaldehyde	7.17	77	28918	22.927	ng	93
10) Phenol	7.22	94	124257	56.668	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	73707	43.981	ng	99
12) 1,3-Dichlorobenzene	7.91	146	83469	38.888	ng	96
13) 1,4-Dichlorobenzene	8.06	146	85924	39.527	ng	99
14) 1,2-Dichlorobenzene	8.38	146	82040	39.583	ng	97
15) Benzyl Alcohol	8.27	79	79791	48.445	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	131181	40.821	ng	98
17) 2-Methylphenol	8.47	107	79695	52.342	ng	96
18) Hexachloroethane	9.10	117	28927	39.170	ng	90
19) n-Nitroso-di-n-propylamine	8.83	70	68267	47.533	ng	# 87
20) 3+4-Methylphenols	8.80	107	114451	52.723	ng	96
22) Acetophenone	8.85	105	136313	39.596	ng	95
24) Nitrobenzene	9.25	77	98833	40.588	ng	96
25) Isophorone	9.76	82	203076	48.937	ng	96
26) 2-Nitrophenol	9.96	139	55321	42.002	ng	97
27) 2,4-Dimethylphenol	10.01	122	101360	54.701	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	117360	47.056	ng	96
29) 2,4-Dichlorophenol	10.49	162	108539	47.150	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	103093	37.272	ng	99
31) Naphthalene	10.89	128	286538	43.339	ng	100
32) Benzoic acid	10.17	122	21262	24.432	ng	98
33) 4-Chloroaniline	11.02	127	32013	10.821	ng	97
34) Hexachlorobutadiene	11.15	225	65283	34.302	ng	99
35) Caprolactam	11.80	113	27014	29.264	ng	92
36) 4-Chloro-3-methylphenol	12.13	107	118506	48.131	ng	89
37) 2-Methylnaphthalene	12.49	142	238740	48.163	ng	98
38) 1-Methylnaphthalene	12.72	142	220201	46.281	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	142467	36.862	ng	99

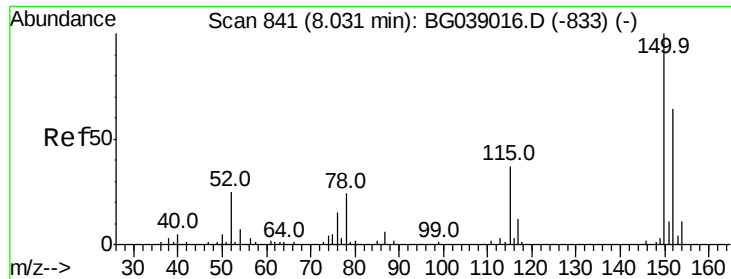
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039101.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	126900	59.854	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	103602	42.591	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	111161	43.238	ng	96
46) 1,1'-Biphenyl	13.50	154	320313	39.281	ng	99
47) 2-Chloronaphthalene	13.55	162	252100	38.204	ng	97
48) 2-Nitroaniline	13.76	65	74966	40.551	ng	96
49) Acenaphthylene	14.40	152	438629	44.224	ng	100
50) Dimethylphthalate	14.12	163	483968	55.651	ng	99
51) 2,6-Dinitrotoluene	14.25	165	84069	43.239	ng	93
52) Acenaphthene	14.73	154	244844	41.087	ng	97
53) 3-Nitroaniline	14.59	138	23671	12.001	ng	100
54) 2,4-Dinitrophenol	14.79	184	45395	41.809	ng	95
55) Dibenzofuran	15.07	168	417172	39.637	ng	99
56) 4-Nitrophenol	14.90	139	104628	73.725	ng	85
57) 2,4-Dinitrotoluene	15.04	165	112668	40.391	ng	97
58) Fluorene	15.71	166	322590	40.720	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	98728	40.681	ng	98
60) Diethylphthalate	15.47	149	350514	39.120	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	181295	36.324	ng	99
62) 4-Nitroaniline	15.75	138	70152	34.142	ng	97
63) Azobenzene	15.99	77	305209	43.558	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	48428	27.862	ng	99
66) n-Nitrosodiphenylamine	15.92	169	292821	42.102	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	121969	40.443	ng	95
68) Hexachlorobenzene	16.71	284	127824	38.842	ng	97
69) Atrazine	16.86	200	113172	38.303	ng	97
70) Pentachlorophenol	17.06	266	106219	54.253	ng	98
71) Phenanthrene	17.46	178	530147	42.751	ng	99
72) Anthracene	17.55	178	539170	43.974	ng	100
73) Carbazole	17.83	167	442068	36.523	ng	99
74) Di-n-butylphthalate	18.36	149	585057	43.449	ng	99
75) Fluoranthene	19.47	202	622536	40.495	ng	98
77) Benzidine	19.65	184	159035	26.338	ng	98
78) Pyrene	19.83	202	597120	47.462	ng	98
80) Butylbenzylphthalate	20.69	149	216894	45.327	ng	99
81) Benzo(a)anthracene	21.67	228	533513	44.394	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	86655	17.697	ng	# 98
83) Chrysene	21.74	228	487781	42.676	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	313986	47.258	ng	96
85) Di-n-octyl phthalate	22.75	149	540762	48.134	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	601016	44.006	ng	# 94
88) Benzo(b)fluoranthene	23.92	252	521977	44.313	ng	99
89) Benzo(k)fluoranthene	23.99	252	515438	44.257	ng	97
90) Benzo(a)pyrene	24.81	252	506775	44.510	ng	98
91) Dibenzo(a,h)anthracene	28.78	278	502698	44.389	ng	98
92) Benzo(g,h,i)perylene	29.91	276	505384	45.077	ng	# 96

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

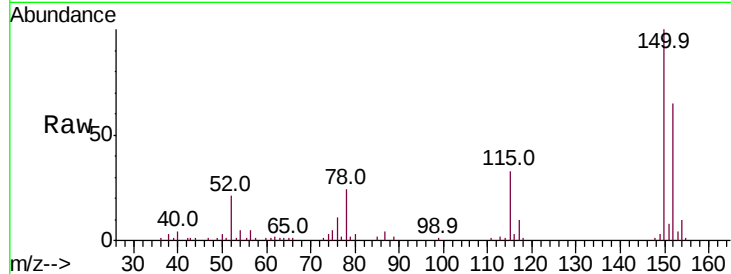


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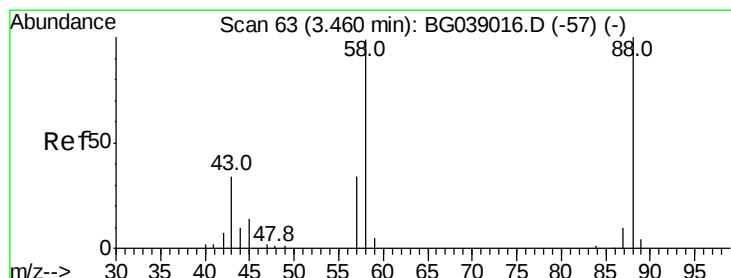
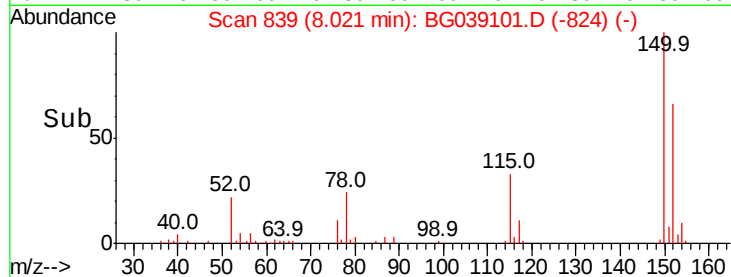
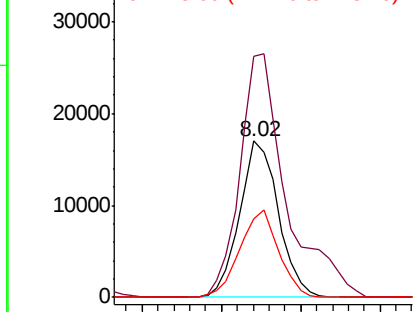
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28829
Ion Ratio Lower Upper
152 100
150 154.7 124.7 187.1
115 50.4 46.5 69.7



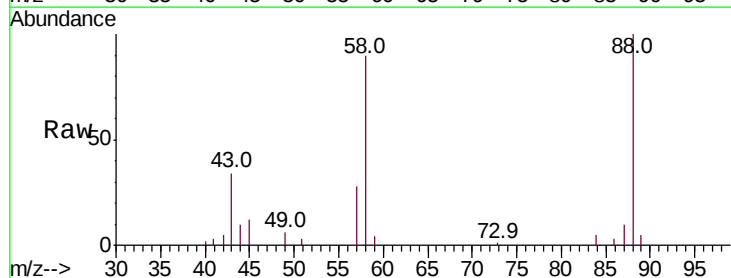
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



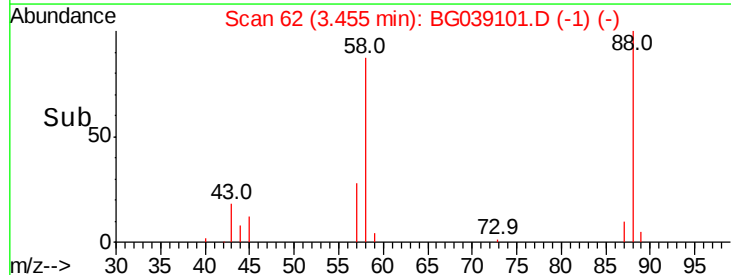
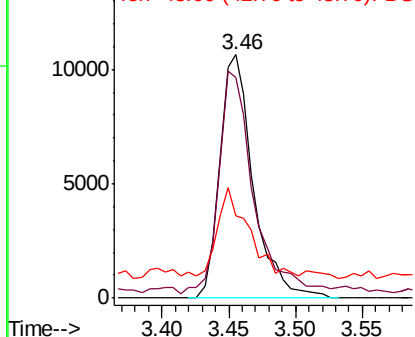
#2

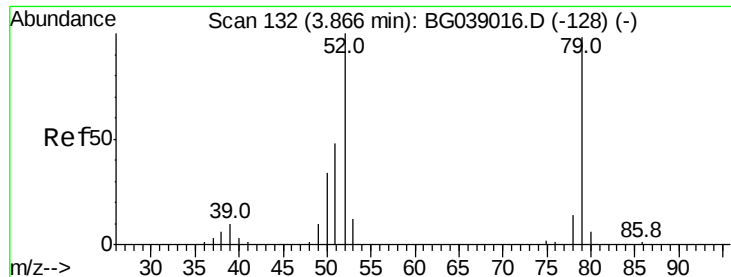
1,4-Dioxane
Concen: 31.528 ng
RT: 3.46 min Scan# 62
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion: 88 Resp: 18763
Ion Ratio Lower Upper
88 100
58 94.4 72.4 108.6
43 32.5 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: 36.225 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

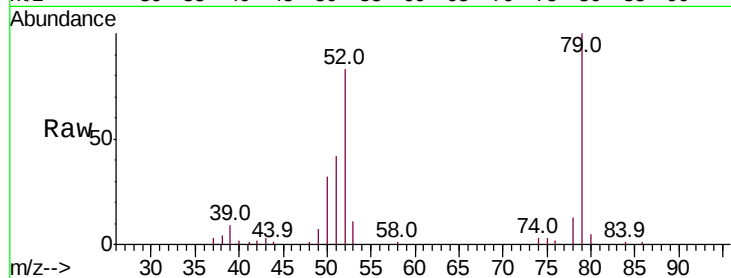
Tot Ion: 79 Resp: 58580

Ion Ratio Lower Upper

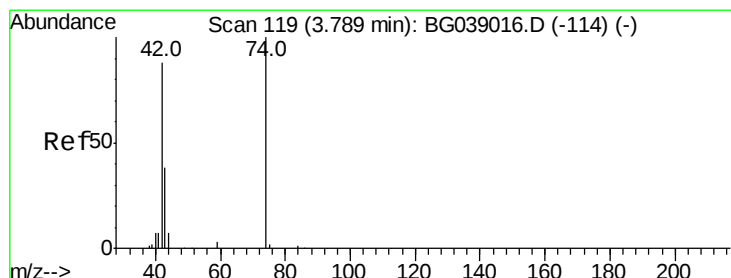
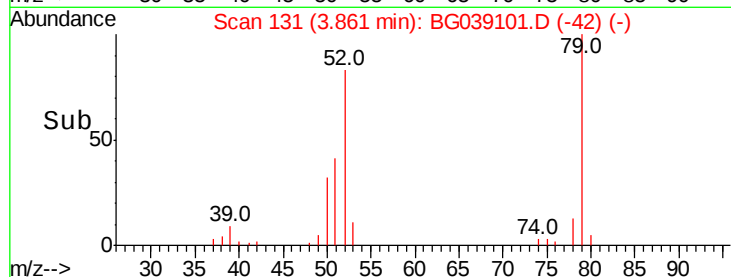
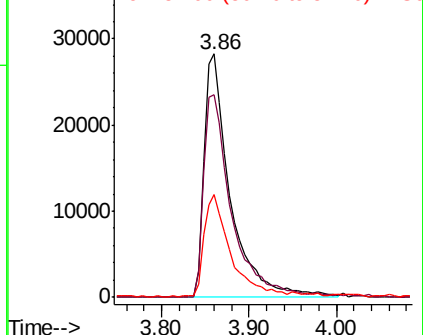
79 100

52 83.3 81.5 122.3

51 42.0 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 43.428 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

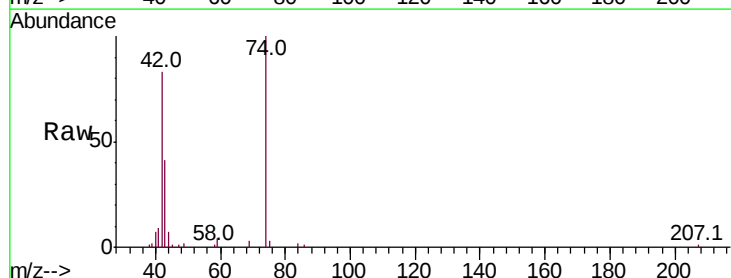
Tgt Ion: 42 Resp: 31602

Ion Ratio Lower Upper

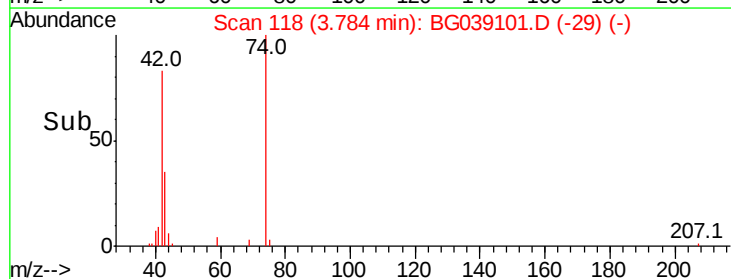
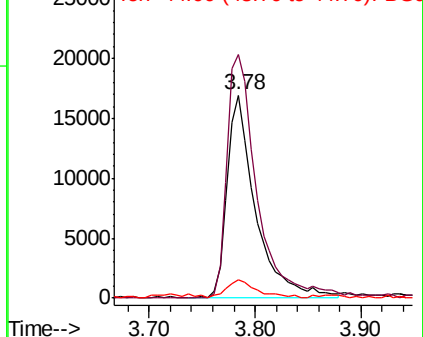
42 100

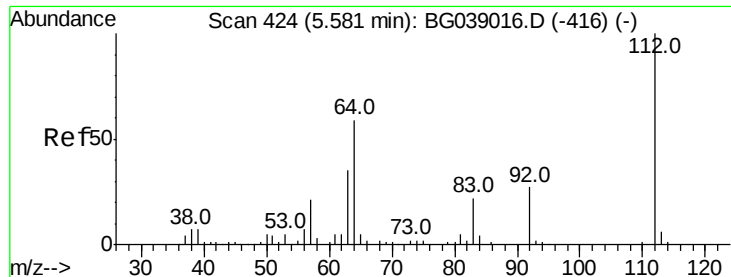
74 120.1 90.7 136.1

44 8.7 6.5 9.7



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





#5

2-Fluorophenol

Concen: 148.240 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG039101.D

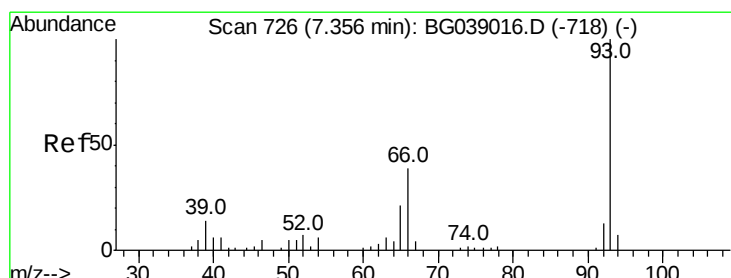
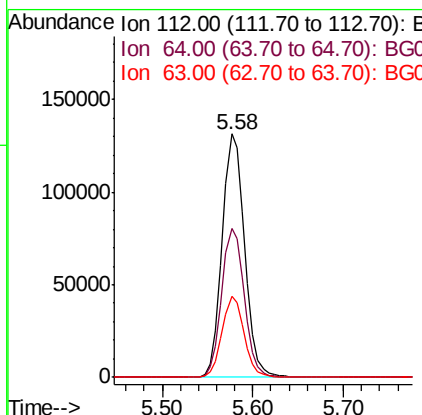
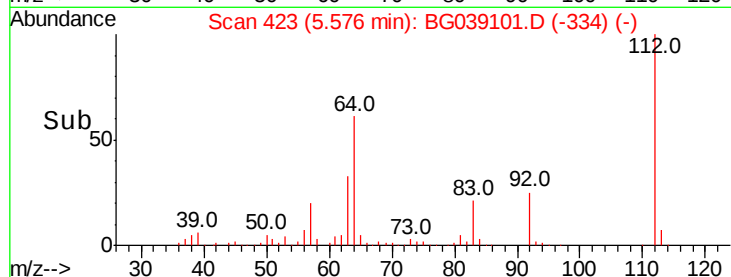
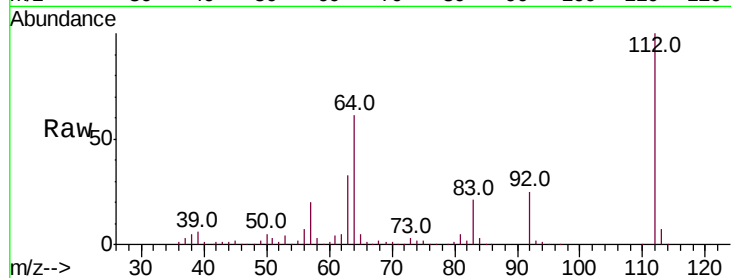
Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	225284
Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.0	70.6
63	33.5	28.0	42.0



#6

Aniline

Concen: 17.347 ng

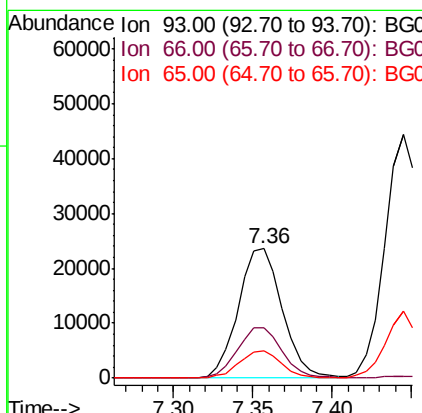
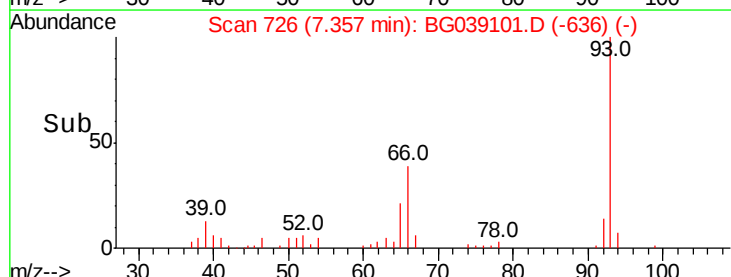
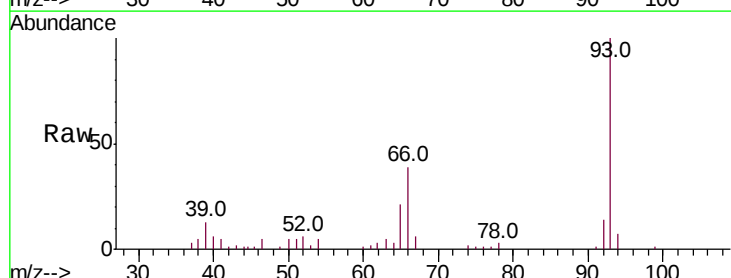
RT: 7.36 min Scan# 726

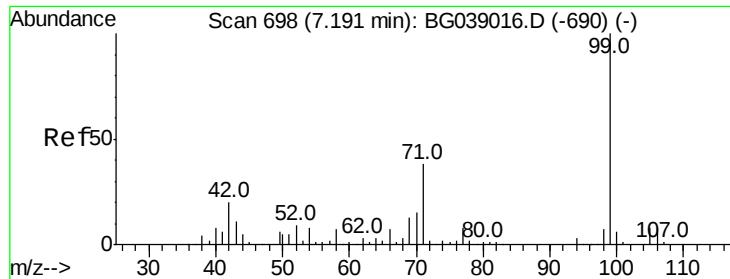
Delta R.T. 0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:	93	Resp:	45563
Ion	Ratio	Lower	Upper
93	100		
66	38.8	30.9	46.3
65	21.4	17.0	25.4





#7

Phenol-d6

Concen: 155.413 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampled :

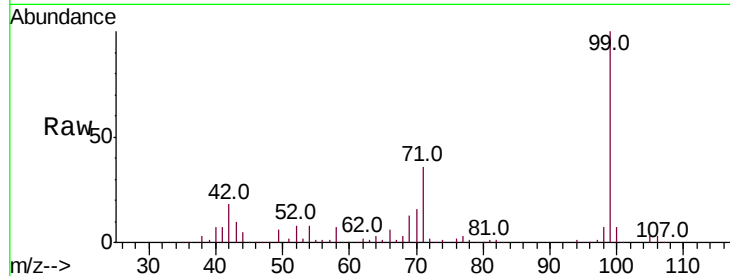
Tot Ion: 99 Resp: 339902

Ion Ratio Lower Upper

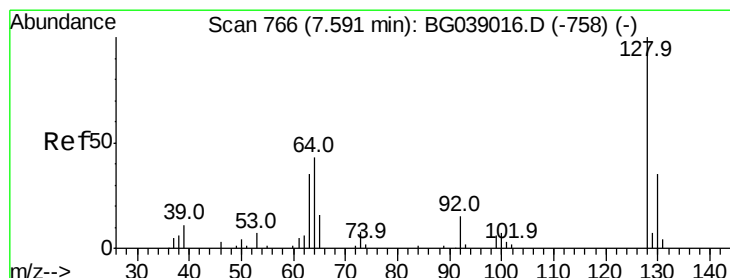
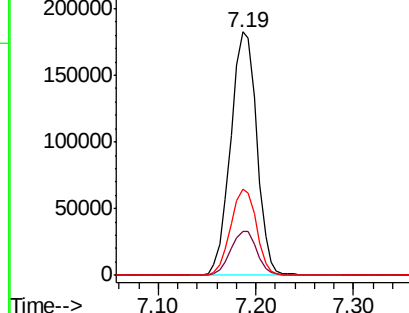
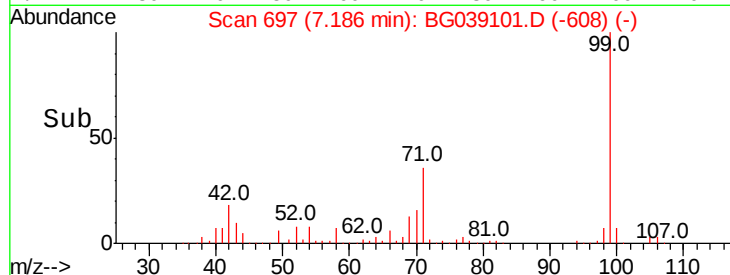
99 100

42 18.1 15.8 23.6

71 35.5 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.212 ng

RT: 7.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

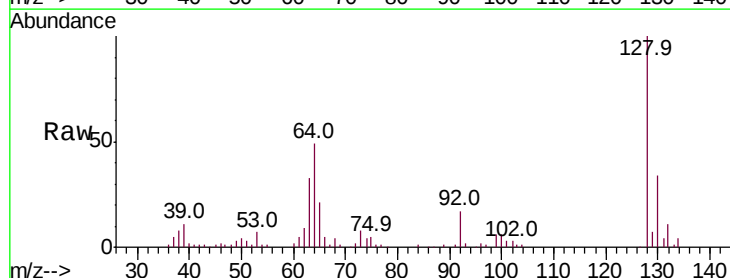
Tgt Ion: 128 Resp: 88161

Ion Ratio Lower Upper

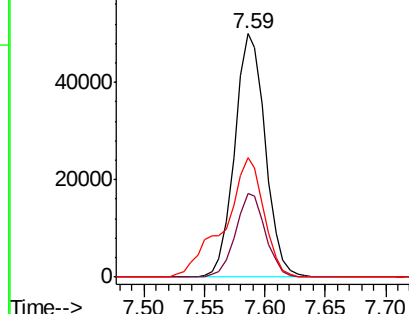
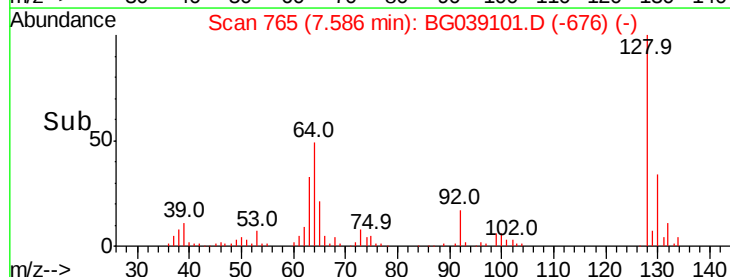
128 100

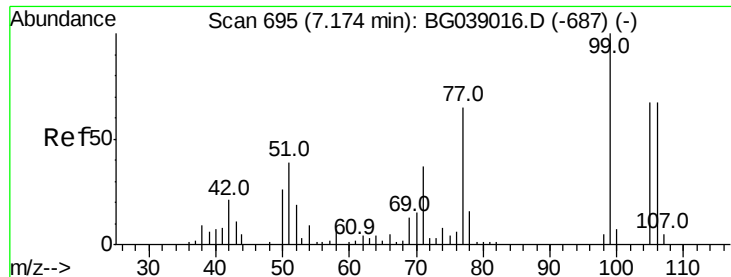
130 34.4 14.5 54.5

64 49.2 27.3 67.3



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

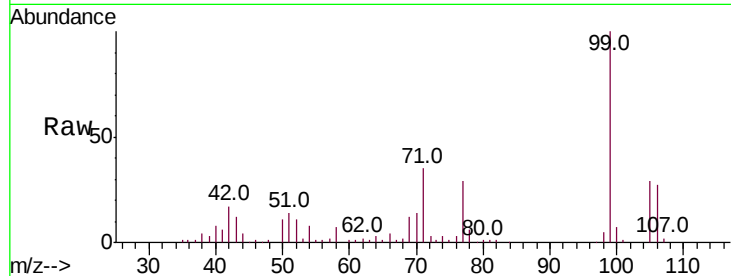




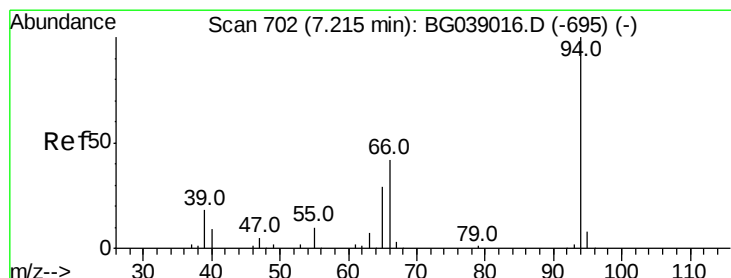
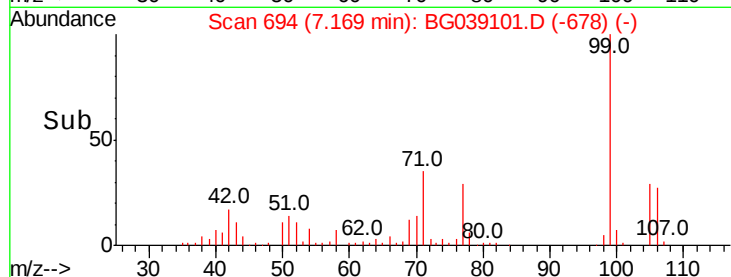
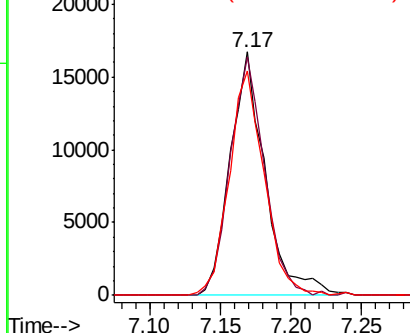
#9
Benzaldehyde
Concen: 22.927 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 28918
Ion Ratio Lower Upper
77 100
105 98.2 82.4 122.4
106 92.0 82.8 122.8

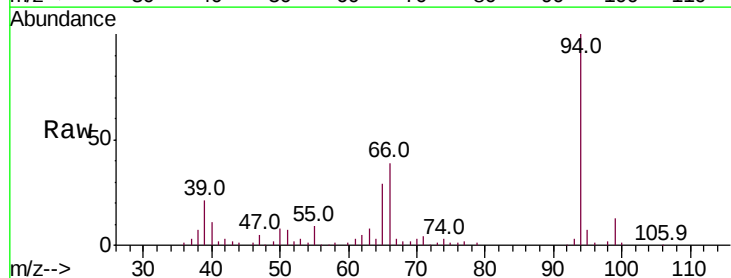


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

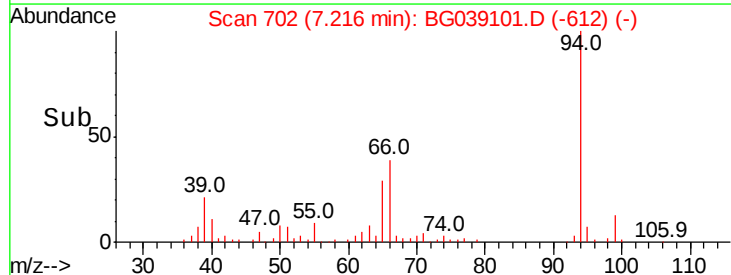
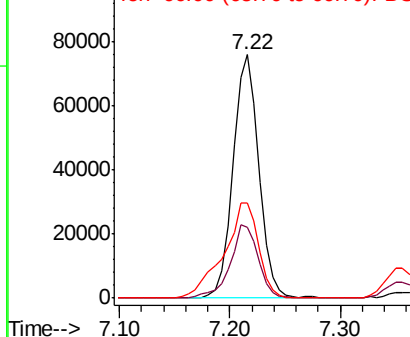


#10
Phenol
Concen: 56.668 ng
RT: 7.22 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion: 94 Resp: 124257
Ion Ratio Lower Upper
94 100
65 28.8 10.3 50.3
66 39.3 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

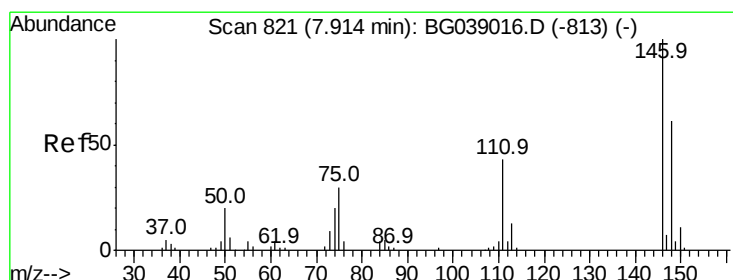
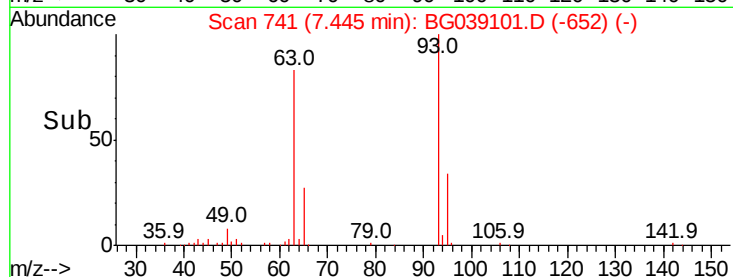
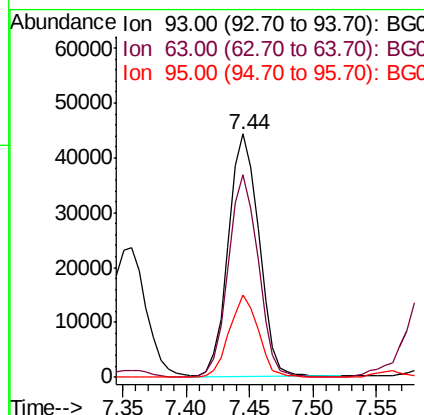
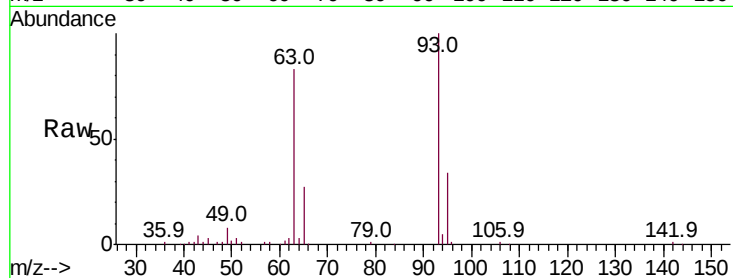




#11
bis(2-Chloroethyl)ether
Concen: 43.981 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

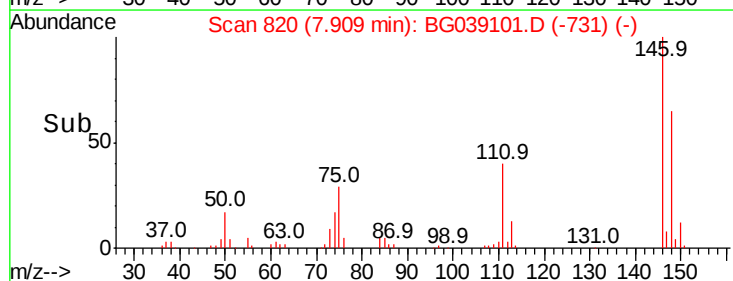
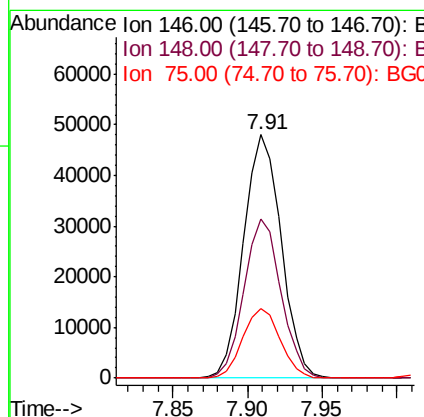
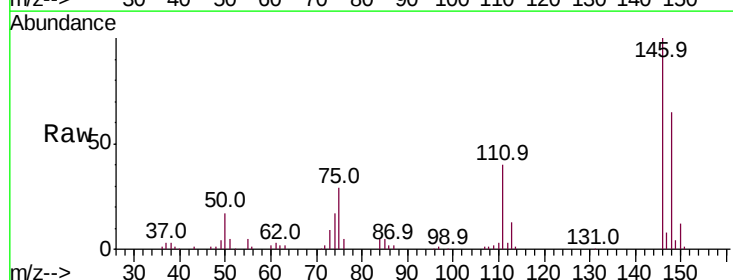
Instrument :
BNA_G
ClientSampled :

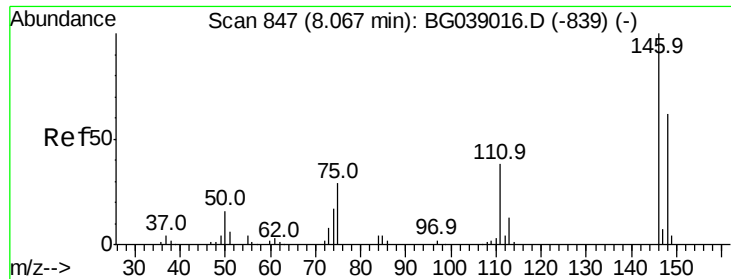
Tot Ion: 93 Resp: 73707
Ion Ratio Lower Upper
93 100
63 83.0 63.2 103.2
95 33.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.888 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion: 146 Resp: 83469
Ion Ratio Lower Upper
146 100
148 65.5 49.1 73.7
75 28.5 23.9 35.9

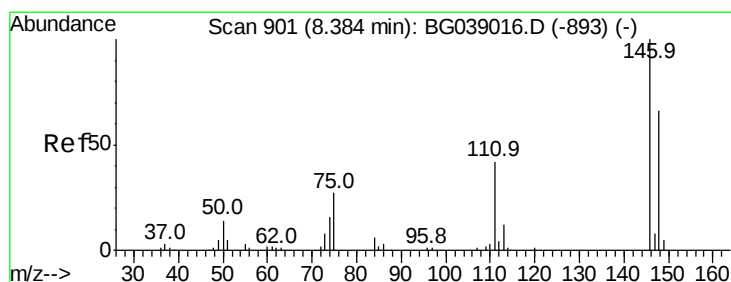
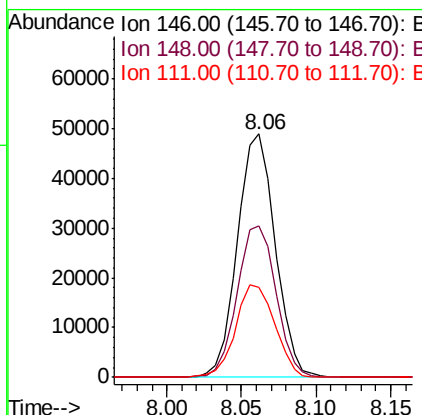
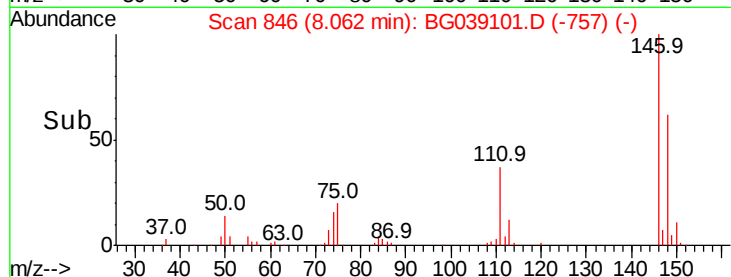
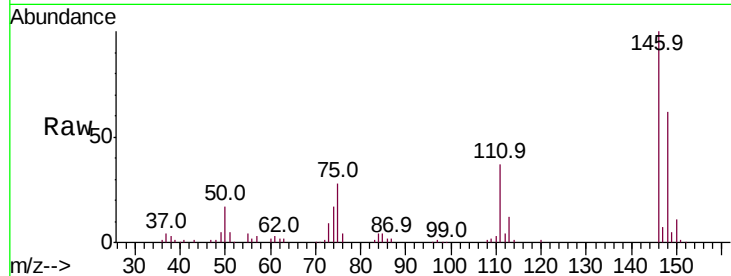




#13
 1,4-Dichlorobenzene
 Concen: 39.527 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

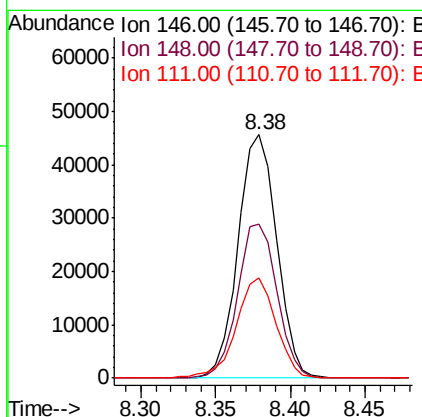
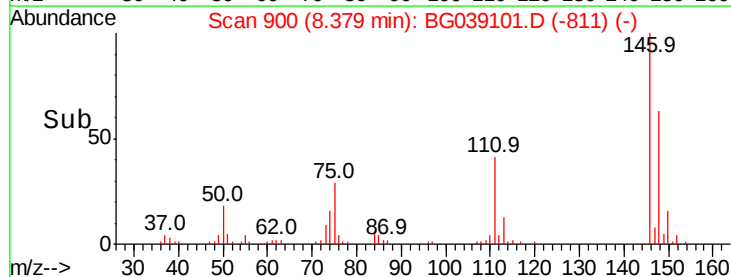
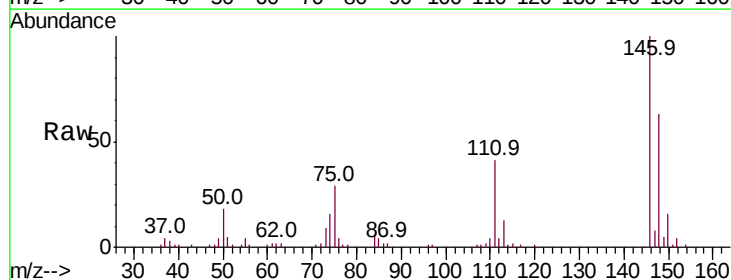
Instrument :
 BNA_G
 ClientSampleId :

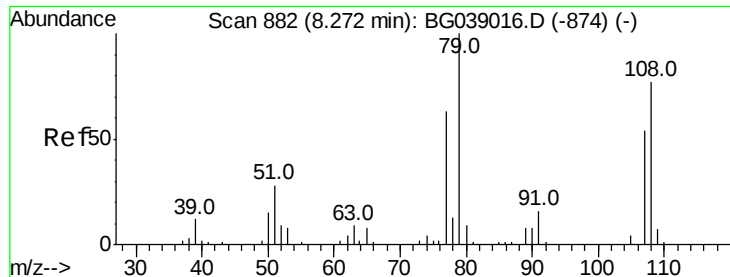
Tot Ion:146 Resp: 85924
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.8 74.6
 111 37.2 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 39.583 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion:146 Resp: 82040
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.6 79.0
 111 40.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 48.445 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :

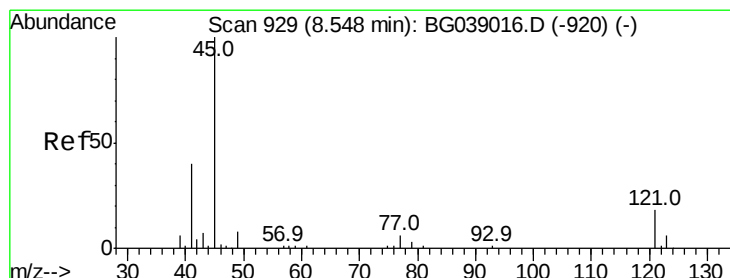
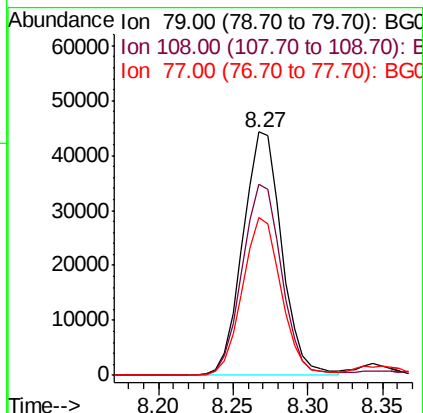
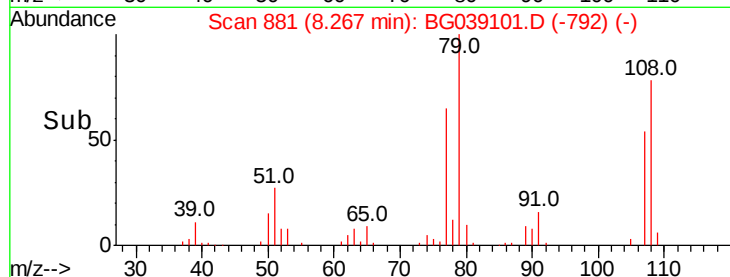
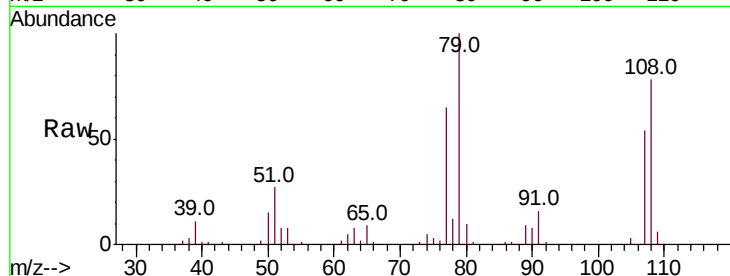
Tot Ion: 79 Resp: 79791

Ion Ratio Lower Upper

79 100

108 78.4 62.0 93.0

77 64.9 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.821 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

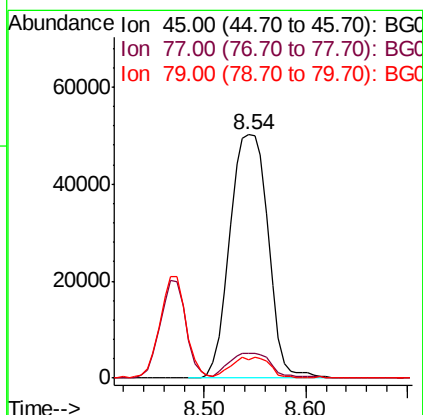
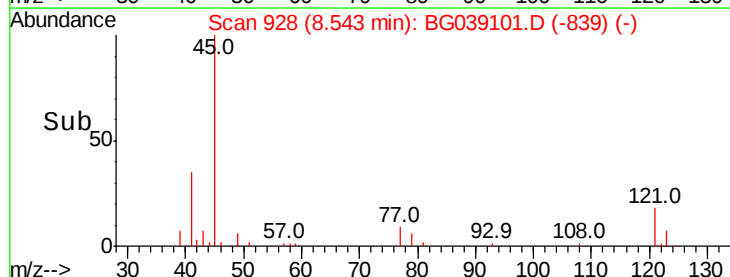
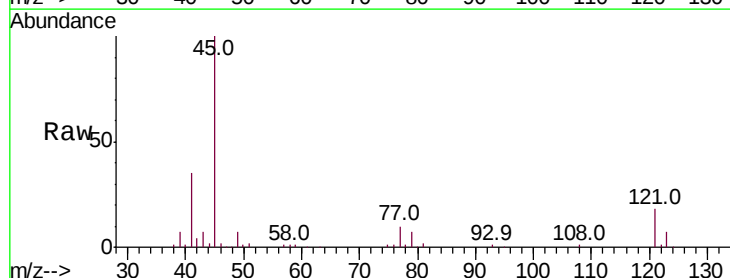
Tgt Ion: 45 Resp: 131181

Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.7

79 7.5 0.0 28.5

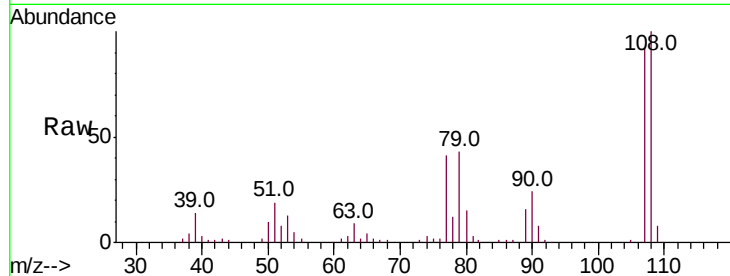




#17
2-Methylphenol
Concen: 52.342 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.1	90.3	135.5
77	44.7	38.3	57.5
79	46.4	35.8	53.6



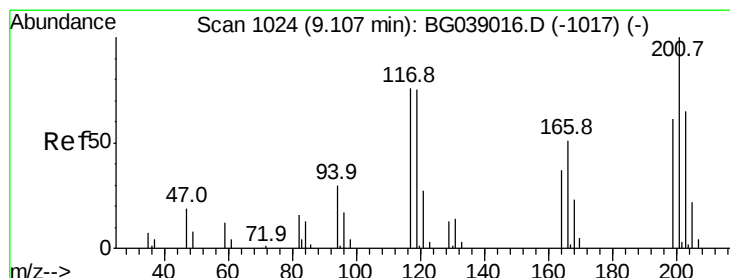
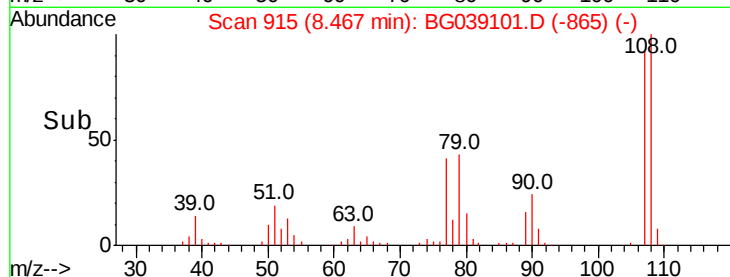
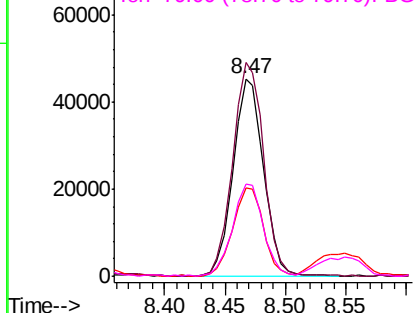
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

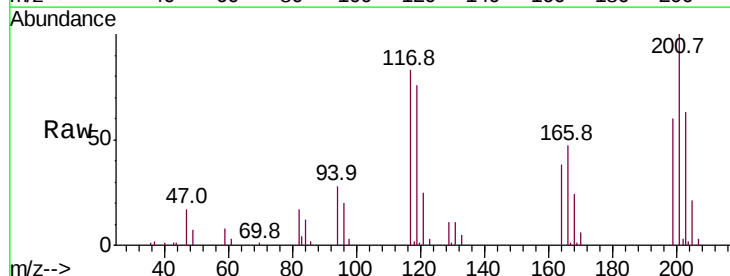
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.170 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	78.7	118.1
201	120.9	108.1	162.1

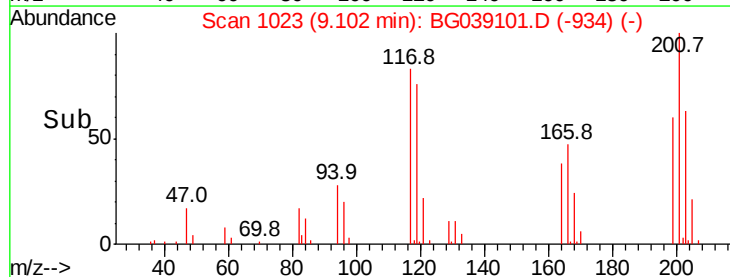
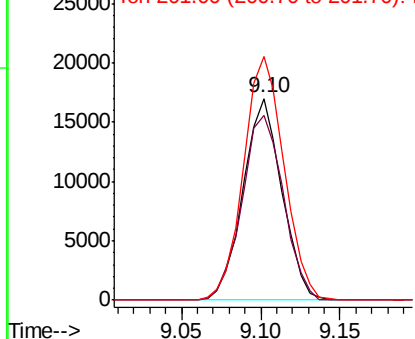


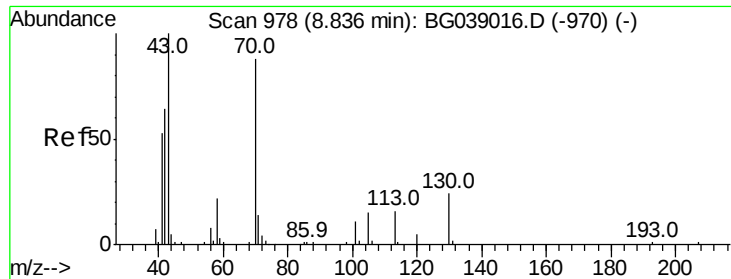
Abundance

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

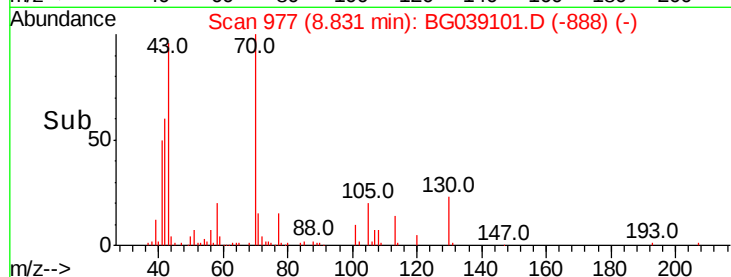
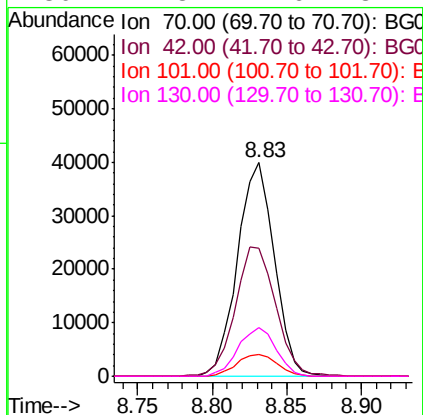
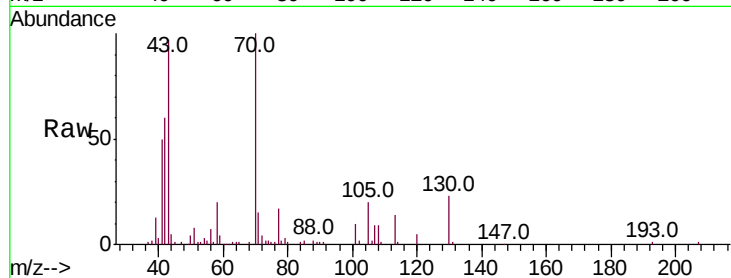




#19
n-Nitroso-di-n-propylamine
Concen: 47.533 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

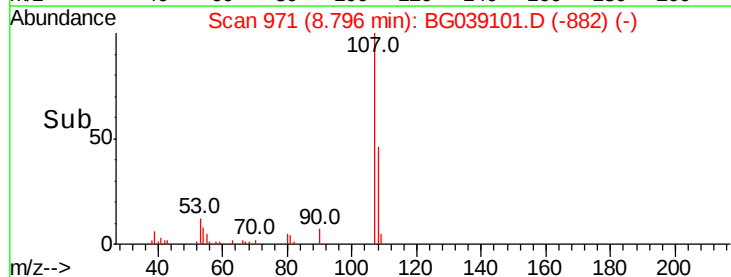
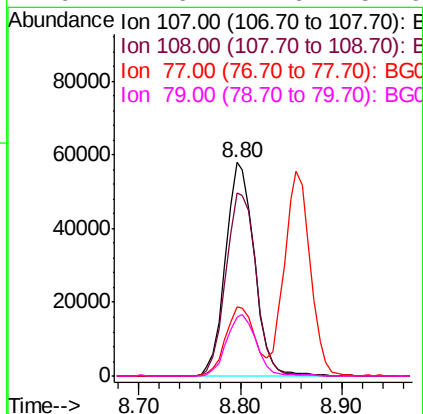
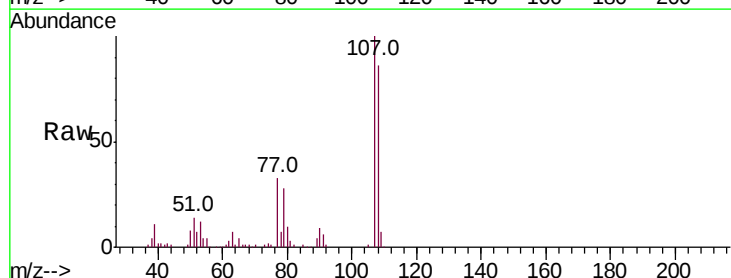
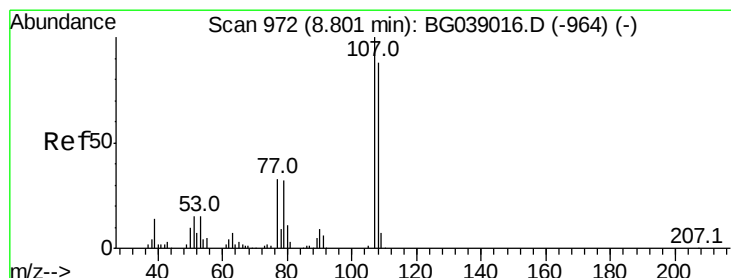
Instrument :
BNA_G
ClientSampleId :

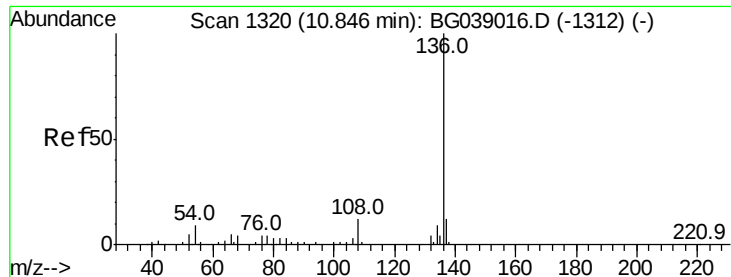
Tot Ion:	70	Resp:	68267
Ion	Ratio	Lower	Upper
70	100		
42	59.9	59.0	88.4
101	10.0	10.4	15.6#
130	22.8	21.6	32.4



#20
3+4-Methylphenols
Concen: 52.723 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion:	107	Resp:	114451
Ion	Ratio	Lower	Upper
107	100		
108	85.6	68.4	108.4
77	32.6	13.3	53.3
79	27.6	11.6	51.6

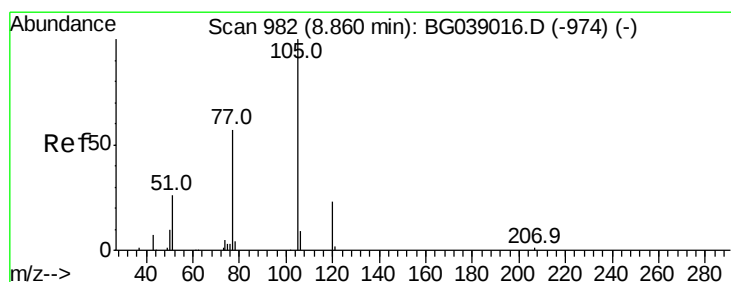
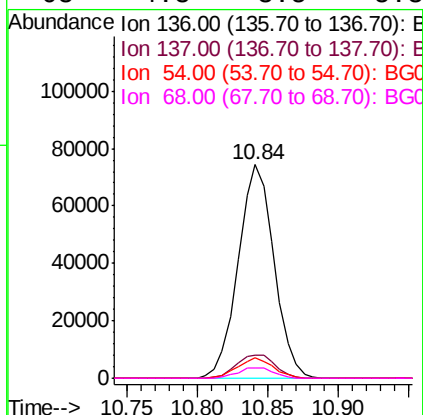
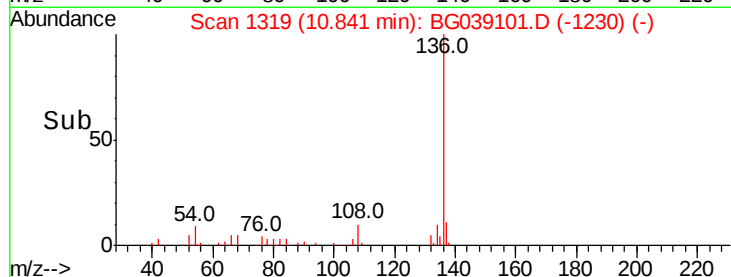
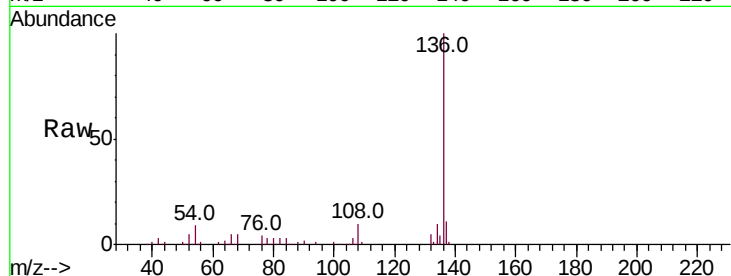




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

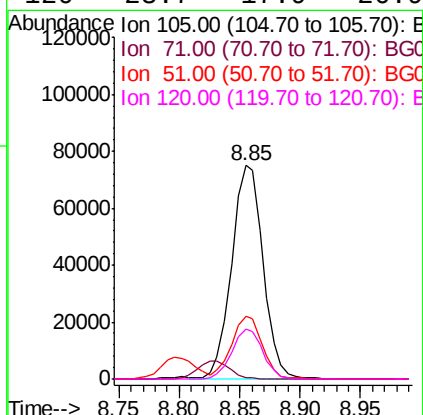
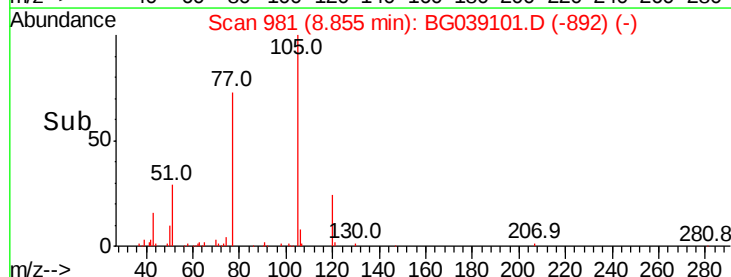
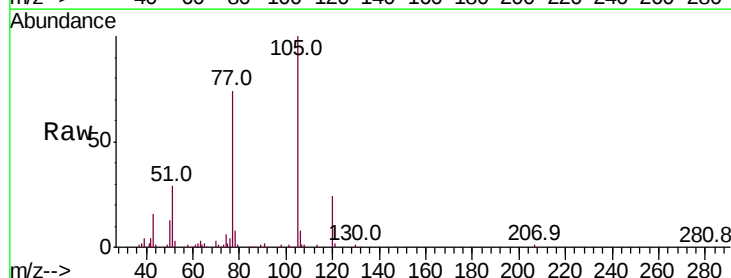
Instrument :
BNA_G
ClientSampled :

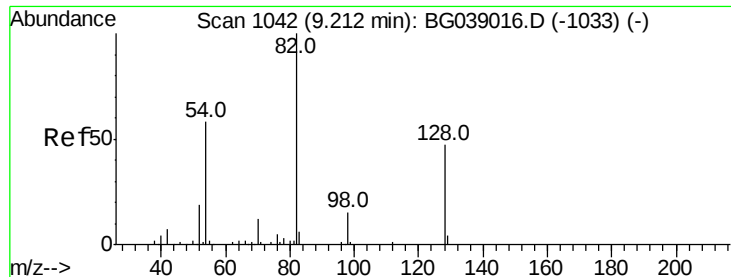
Tot Ion:136	Resp:	131824
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.4	14.2
54 9.3	7.2	10.8
68 4.8	3.5	5.3



#22
Acetophenone
Concen: 39.596 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt	Ion:105	Resp:	136313
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.6	1.0
51	29.3	26.6	39.8
120	23.7	17.9	26.9

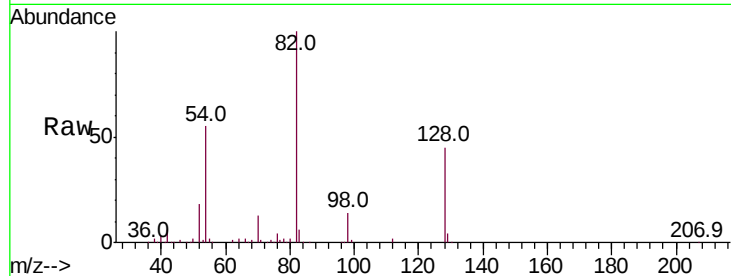




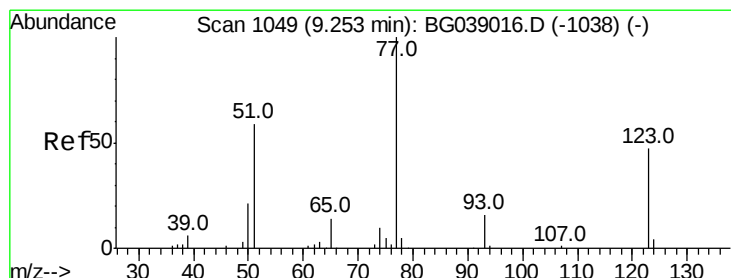
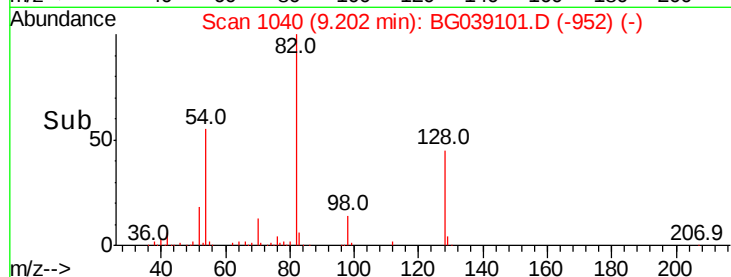
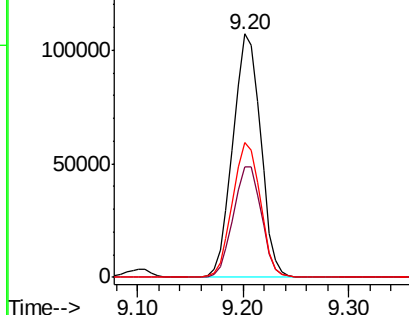
#23
 Nitrobenzene-d5
 Concen: 80.926 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.3	55.9
54	55.4	46.4	69.6

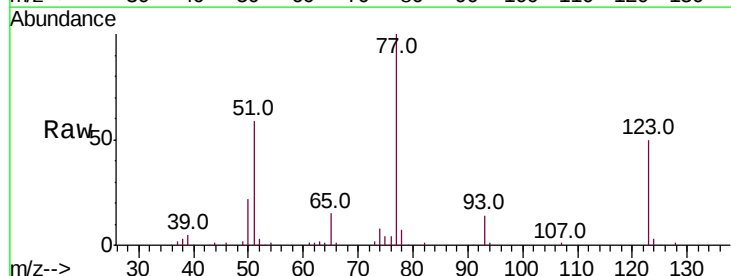


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

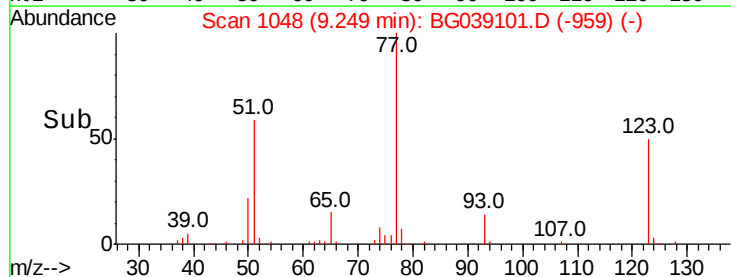
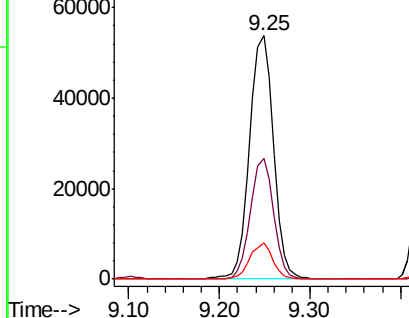


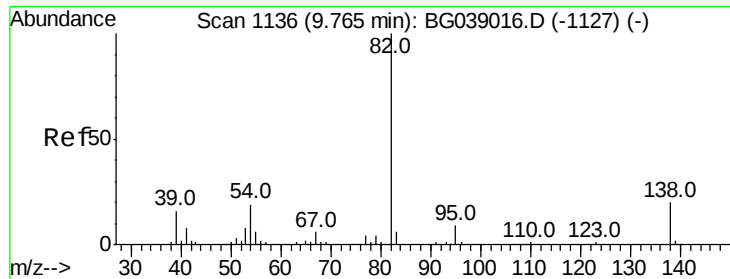
#24
 Nitrobenzene
 Concen: 40.588 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.6	56.4
65	14.8	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: 48.937 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

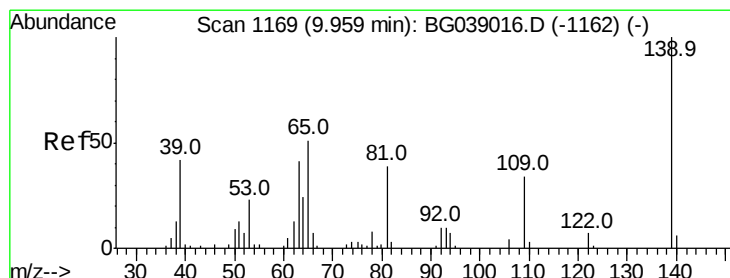
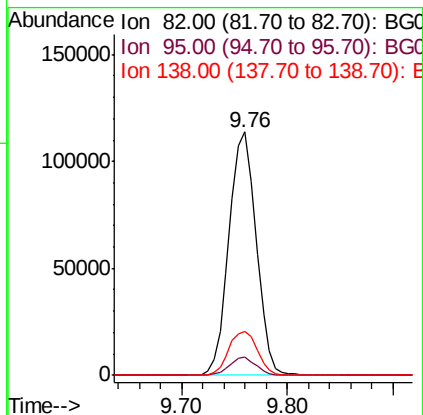
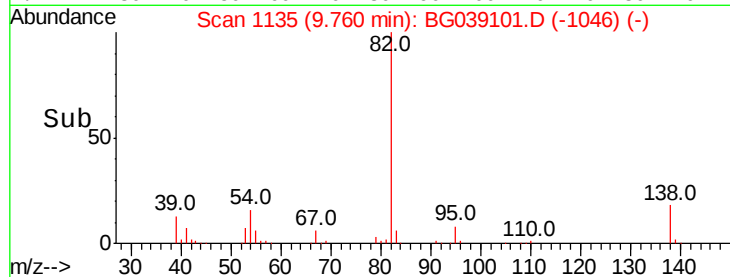
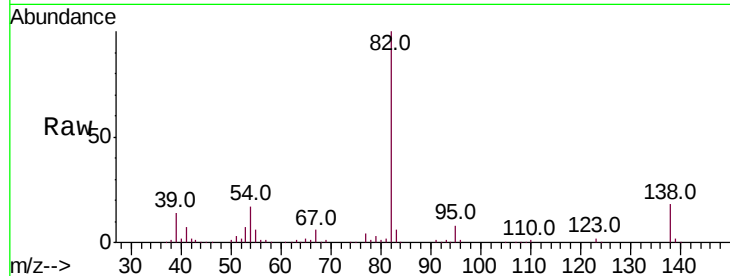
Tot Ion: 82 Resp: 203076

Ion Ratio Lower Upper

82 100

95 7.7 7.0 10.6

138 18.0 16.2 24.4



#26

2-Nitrophenol

Concen: 42.002 ng

RT: 9.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

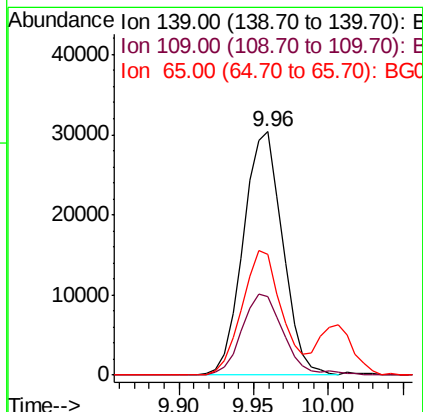
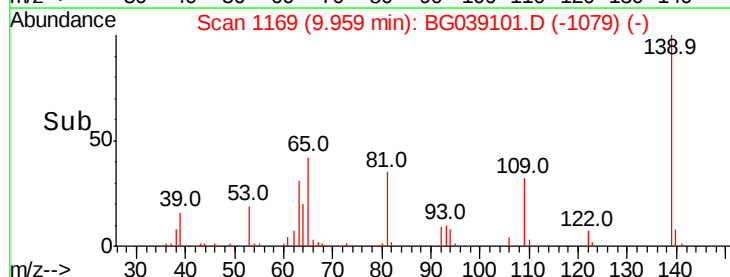
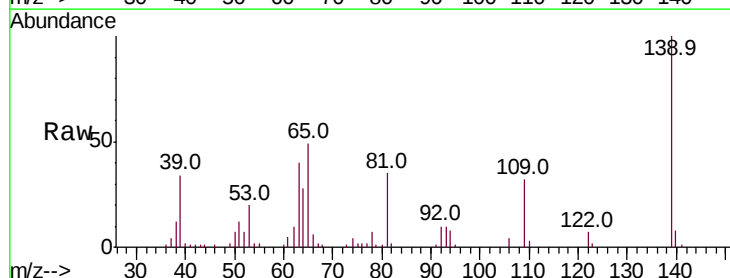
Tgt Ion: 139 Resp: 55321

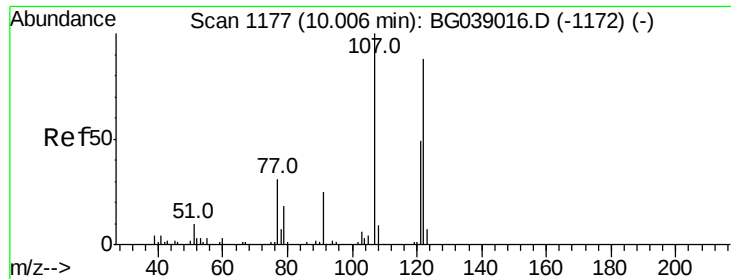
Ion Ratio Lower Upper

139 100

109 32.2 27.3 40.9

65 49.4 40.6 61.0

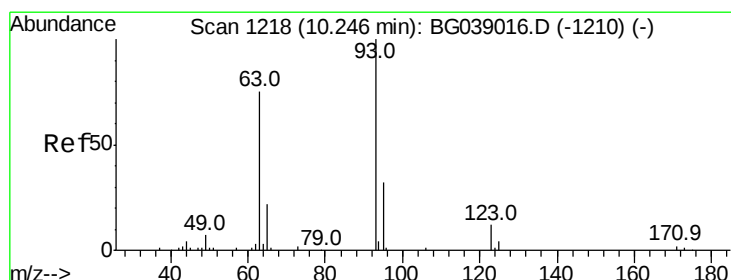
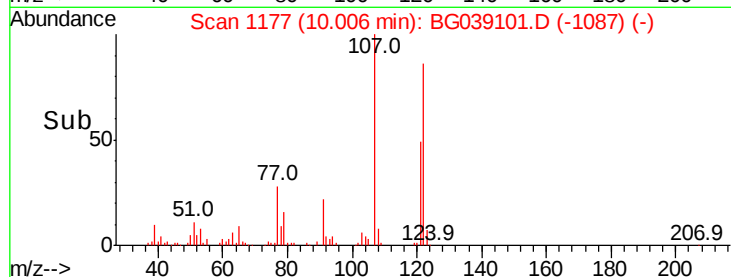
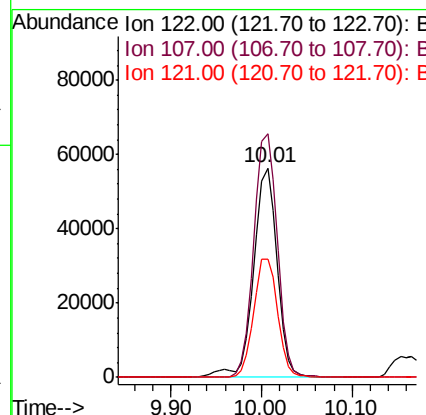
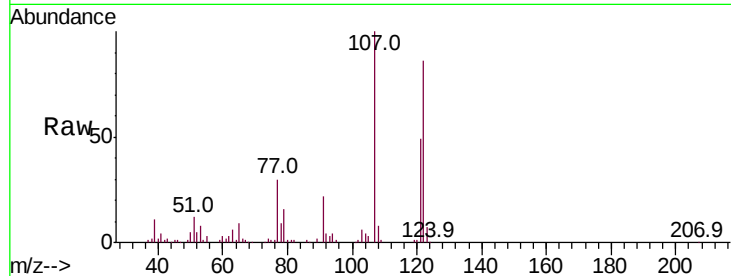




#27
 2,4-Dimethylphenol
 Concen: 54.701 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

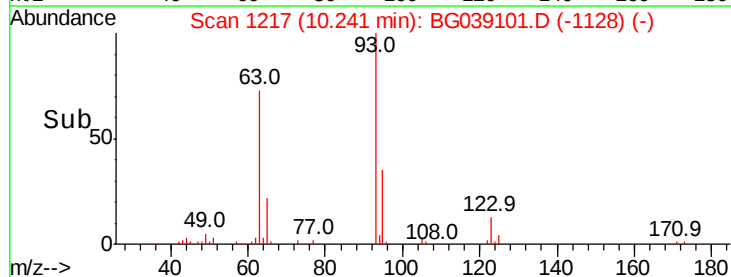
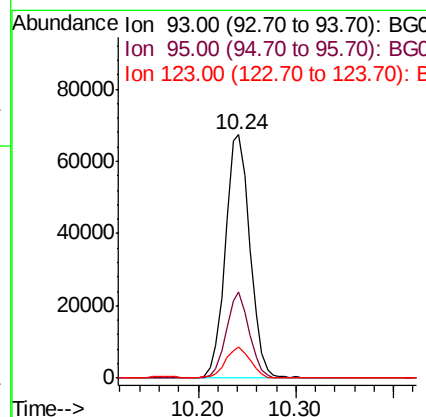
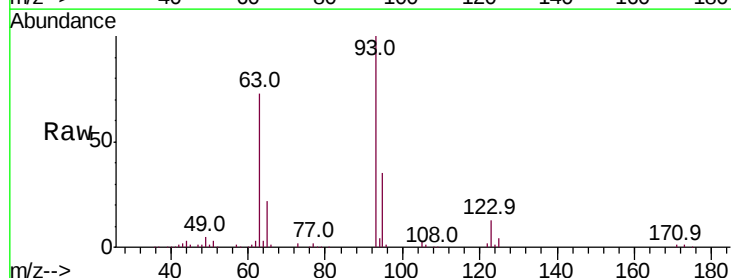
Instrument :
 BNA_G
 ClientSampleId :

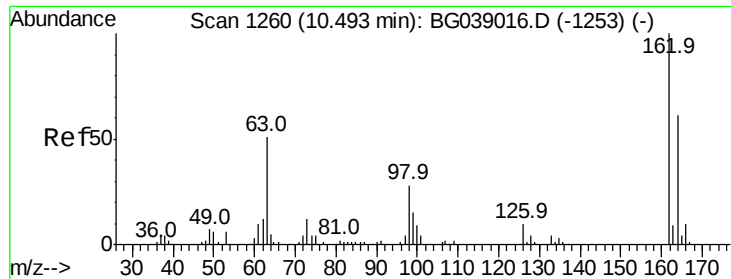
Tot Ion:122 Resp: 101360
 Ion Ratio Lower Upper
 122 100
 107 116.3 88.8 133.2
 121 56.6 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.056 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion: 93 Resp: 117360
 Ion Ratio Lower Upper
 93 100
 95 35.2 25.6 38.4
 123 12.5 10.1 15.1

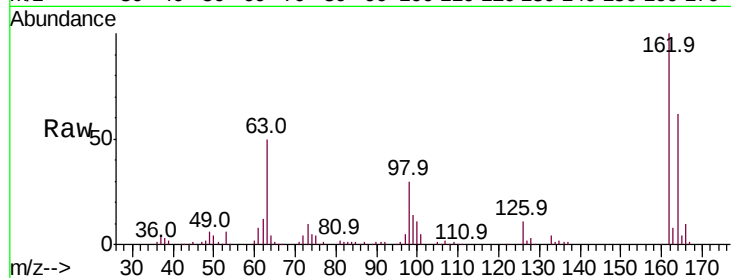




#29
 2,4-Dichlorophenol
 Concen: 47.150 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	41.3	81.3
98	30.0	8.3	48.3

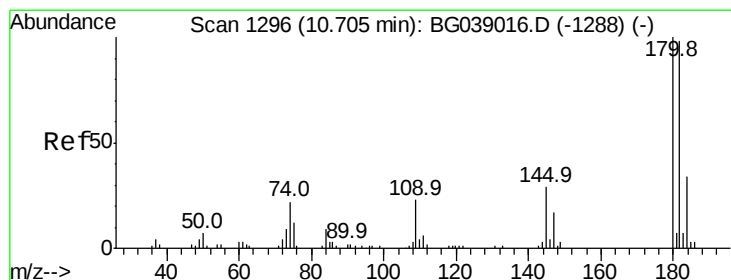
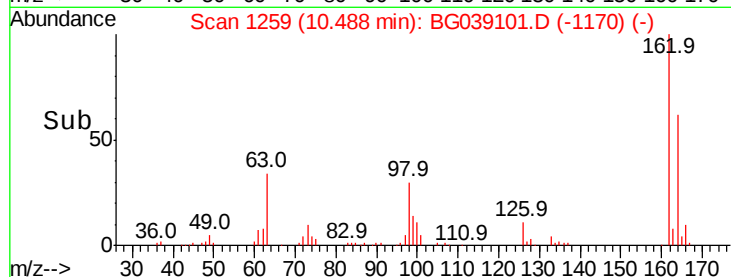
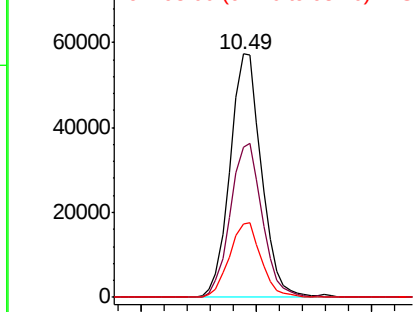


Abundance

Ion 162.00 (161.70 to 162.70): E

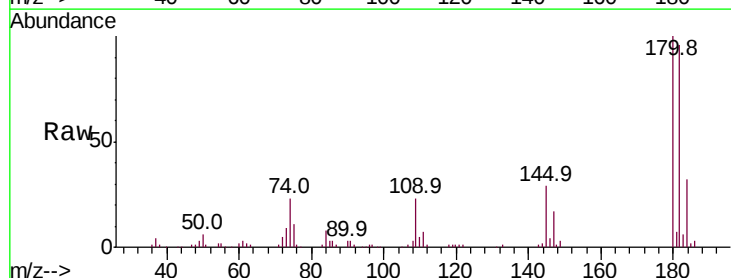
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 37.272 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.1	117.1
145	28.9	23.1	34.7

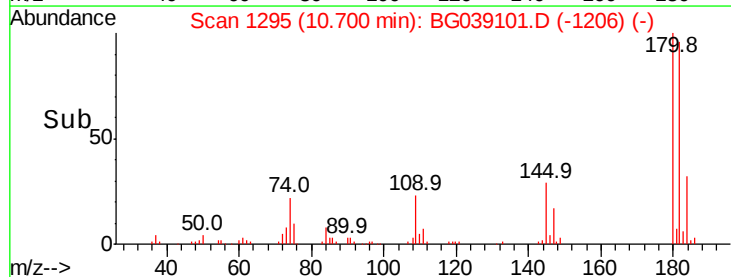
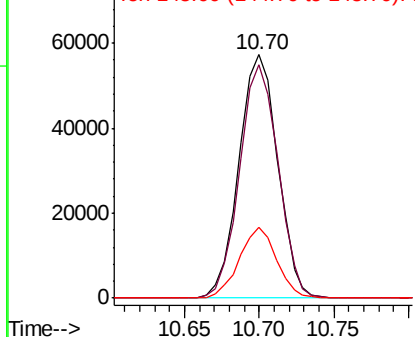


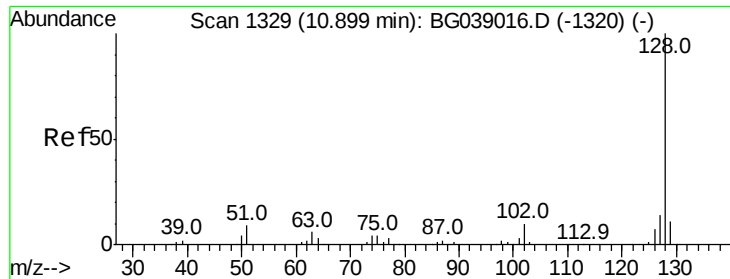
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.339 ng

RT: 10.89 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

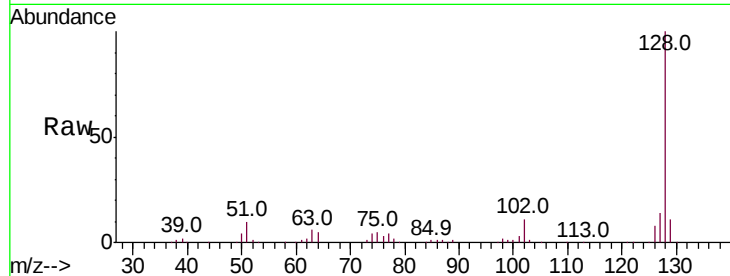
Tot Ion:128 Resp: 286538

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

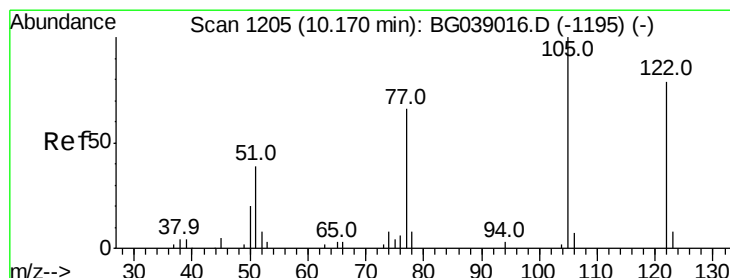
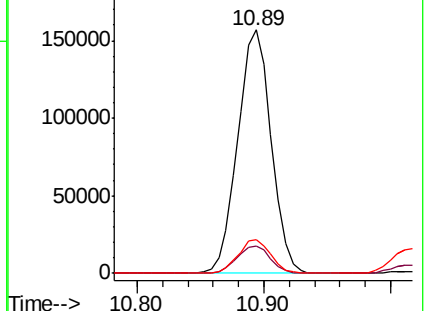
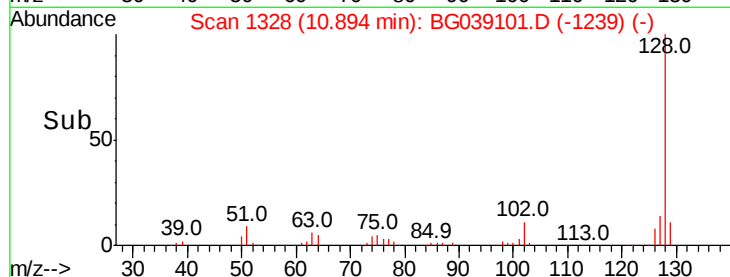
127 14.0 11.2 16.8



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: 24.432 ng

RT: 10.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

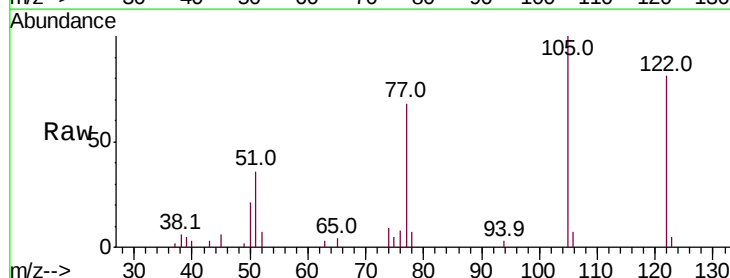
Tgt Ion:122 Resp: 21262

Ion Ratio Lower Upper

122 100

105 122.7 106.4 146.4

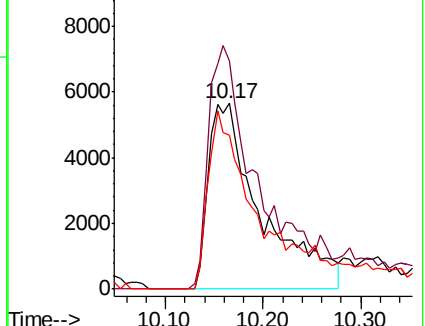
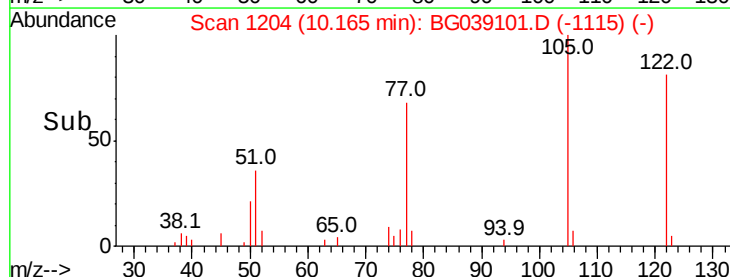
77 83.2 63.6 103.6

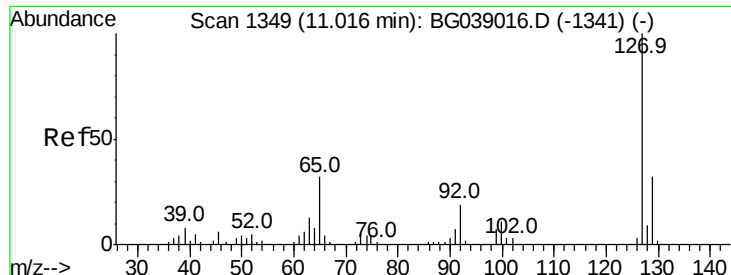


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

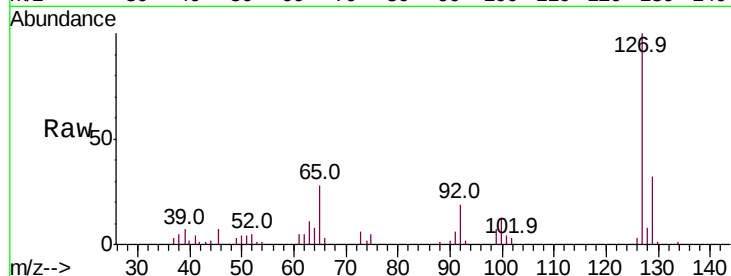




#33
4-Chloroaniline
Concen: 10.821 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.0
65	28.1	25.4	38.0
92	18.5	15.2	22.8



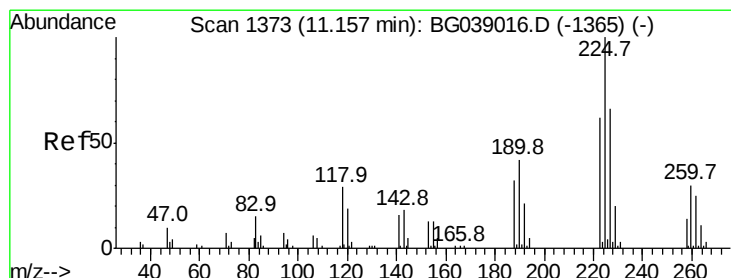
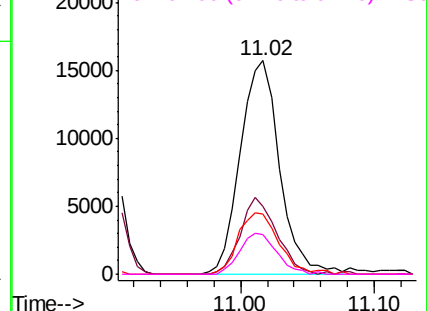
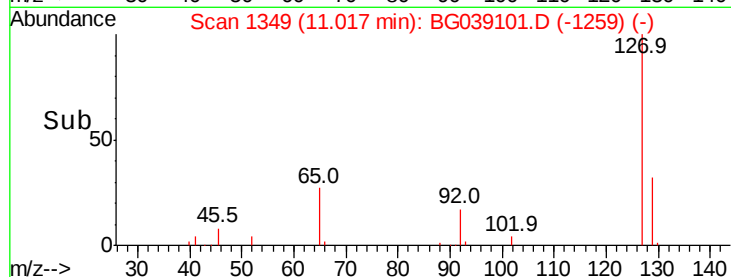
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

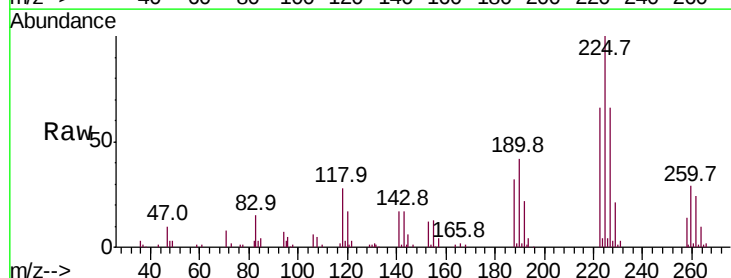
Ion 65.00 (64.70 to 65.70): BG0

Ion 92.00 (91.70 to 92.70): BG0



#34
Hexachlorobutadiene
Concen: 34.302 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.4
227	66.3	53.2	79.8

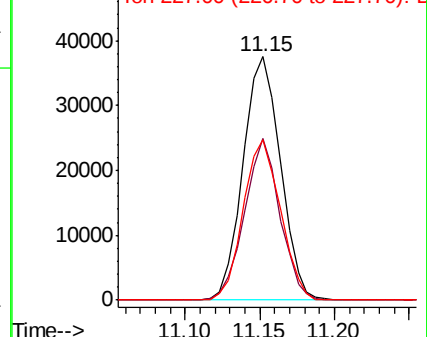
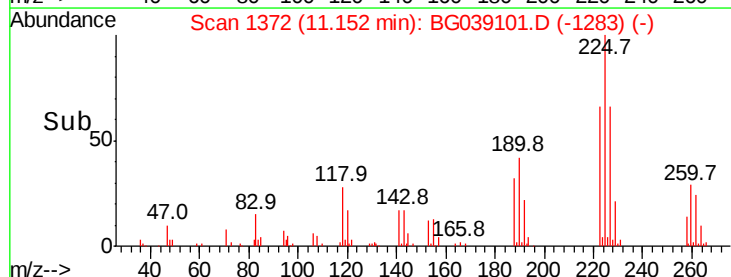


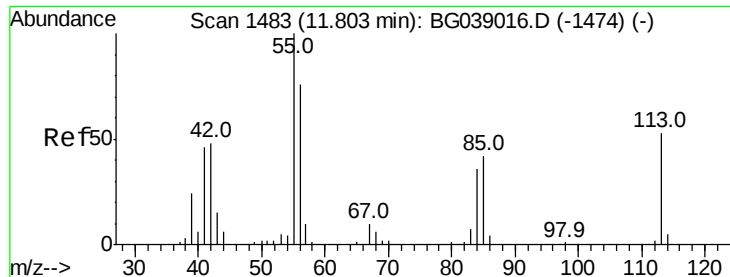
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.264 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampled :

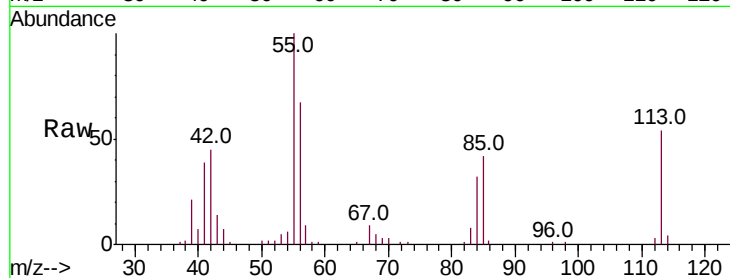
Tot Ion:113 Resp: 27014

Ion Ratio Lower Upper

113 100

55 184.9 168.6 208.6

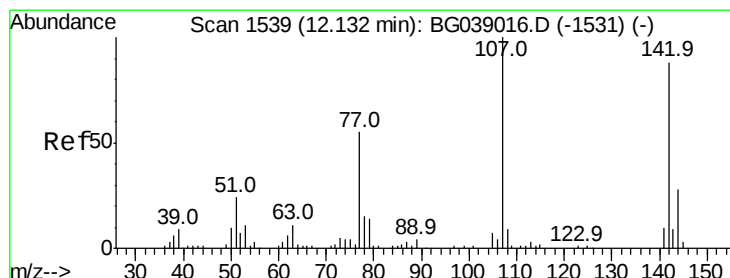
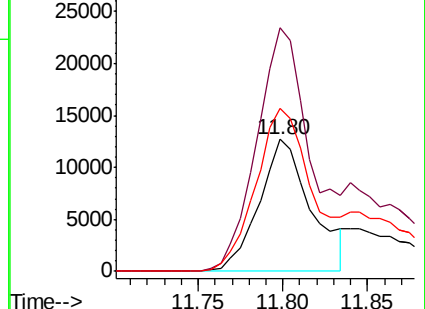
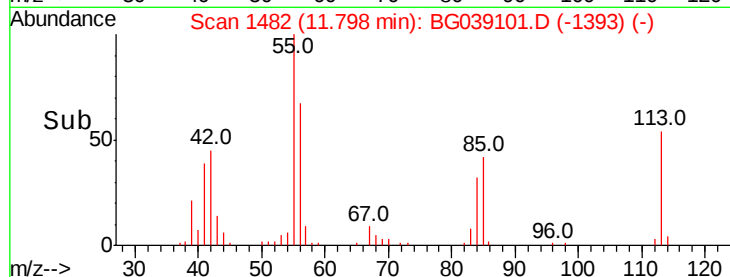
56 124.0 123.2 163.2



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: 48.131 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

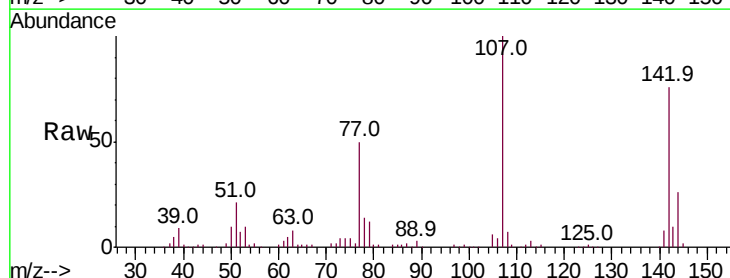
Tgt Ion:107 Resp: 118506

Ion Ratio Lower Upper

107 100

144 25.7 22.6 34.0

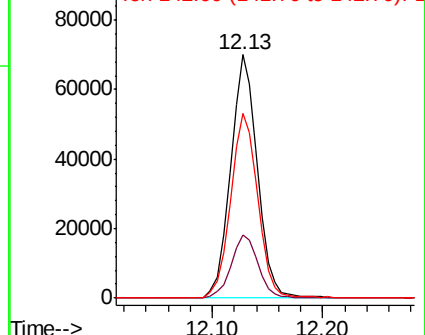
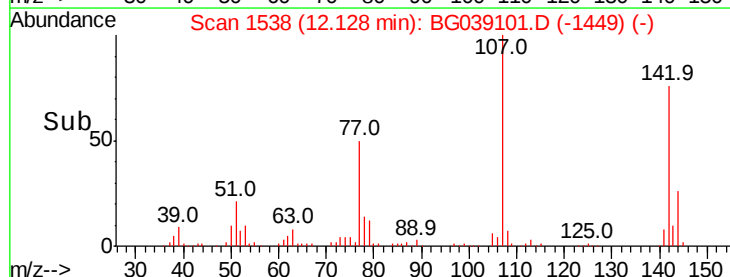
142 75.8 70.2 105.4

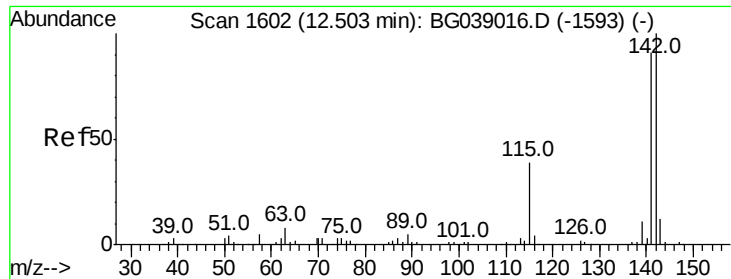


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.163 ng

RT: 12.49 min Scan# 1600

Delta R.T. -0.01 min

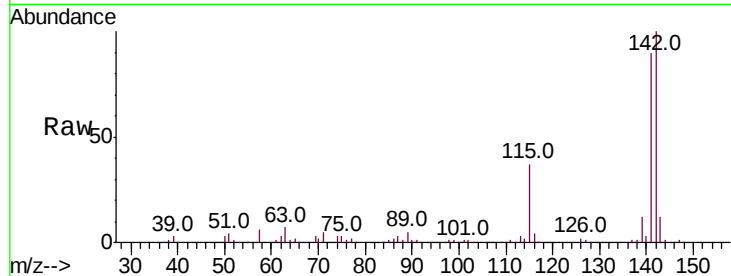
Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 238740

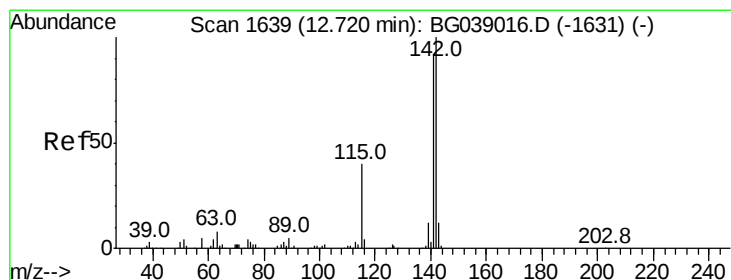
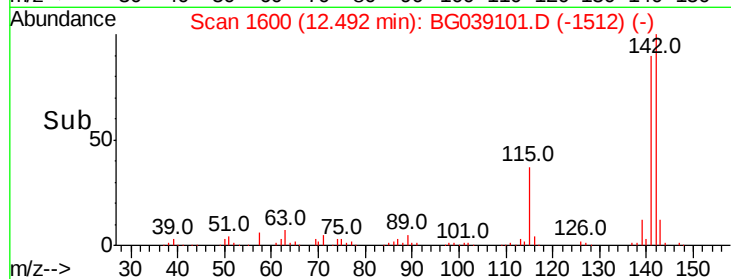
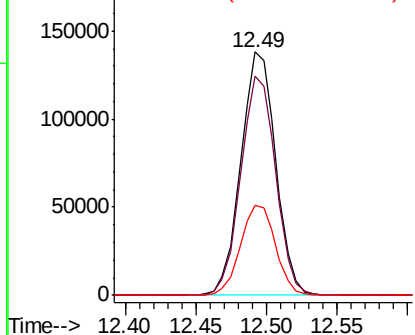
Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	109.0
115	37.1	31.1	46.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.281 ng

RT: 12.72 min Scan# 1638

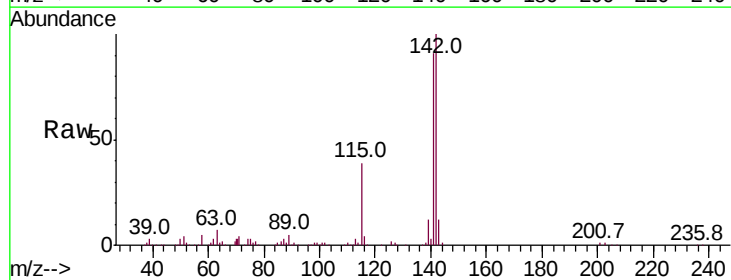
Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:142 Resp: 220201

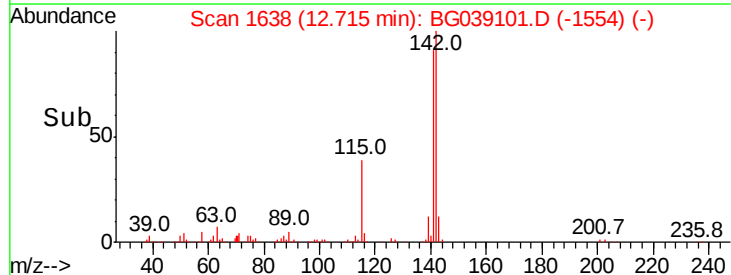
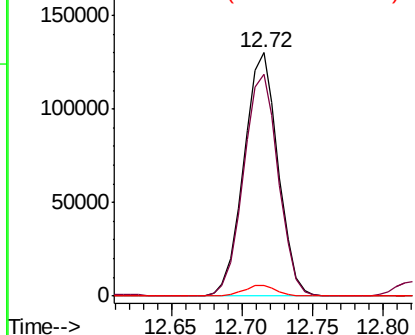
Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.3	109.9
116	4.3	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

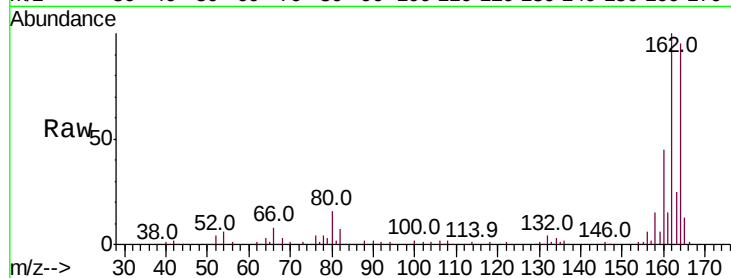
Tot Ion:164 Resp: 102911

Ion Ratio Lower Upper

164 100

162 105.4 87.2 130.8

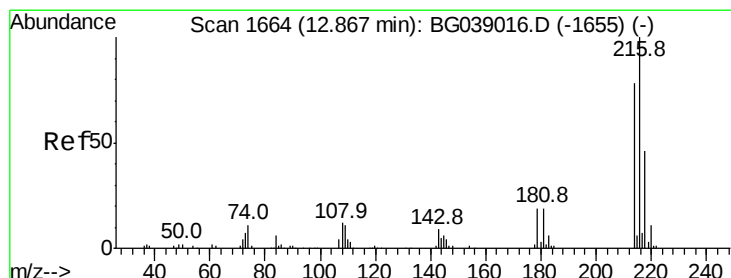
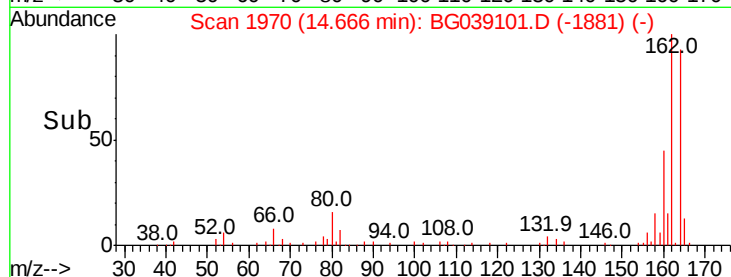
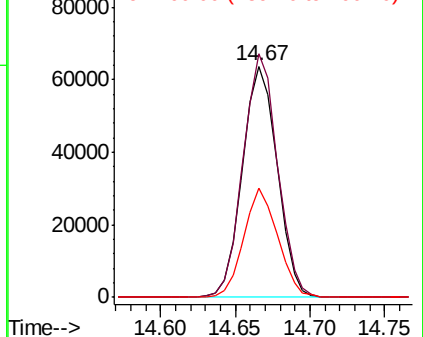
160 47.5 33.3 49.9



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: 36.862 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:216 Resp: 142467

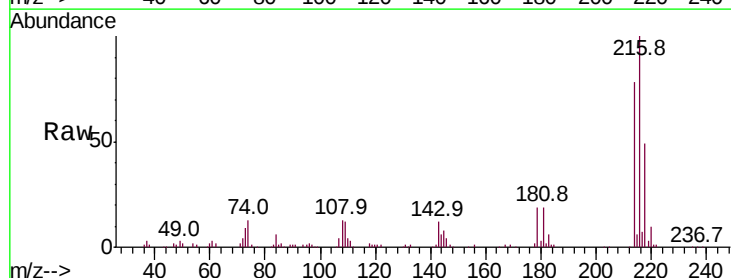
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 19.7 15.5 23.3

108 15.4 11.4 17.2

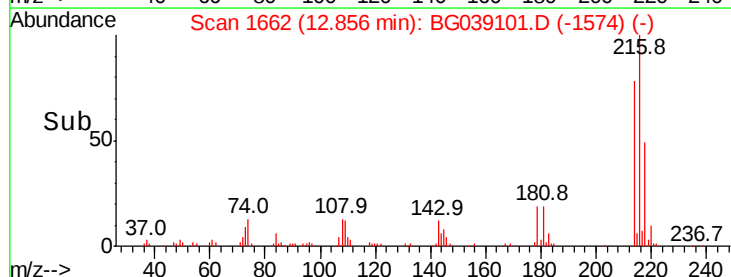
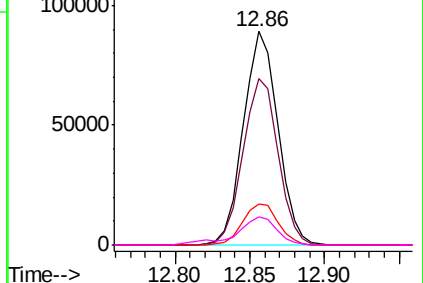


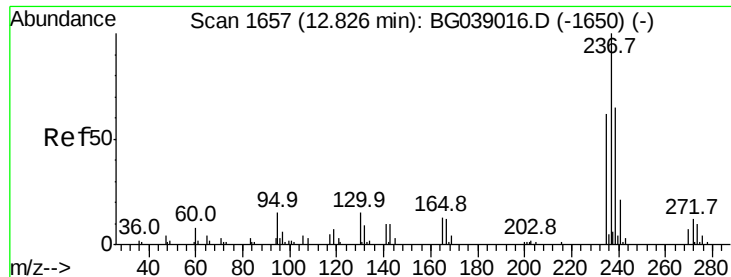
Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.854 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

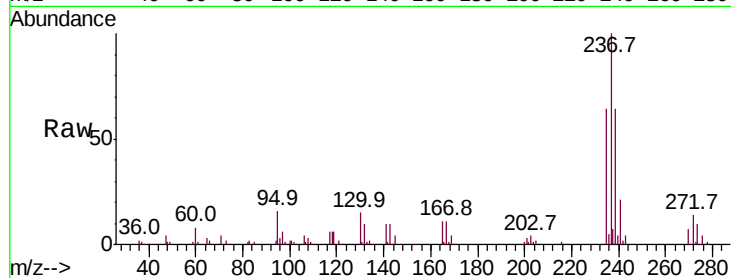
Tot Ion:237 Resp: 126900

Ion Ratio Lower Upper

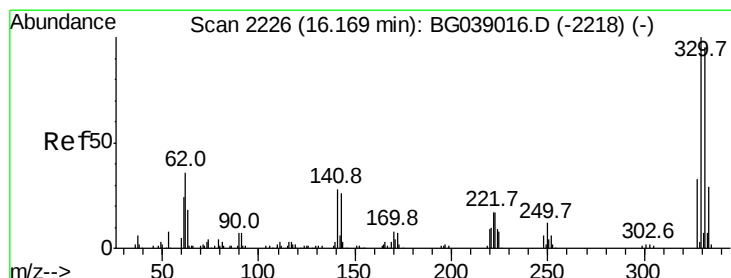
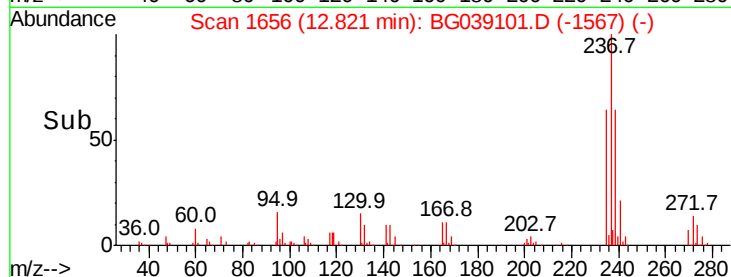
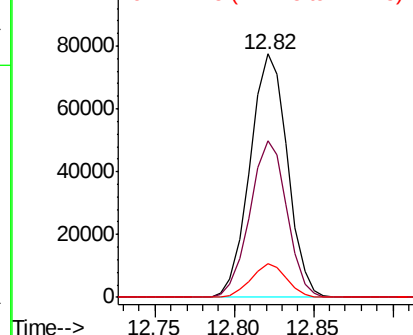
237 100

235 64.1 41.7 81.7

272 13.6 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.719 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

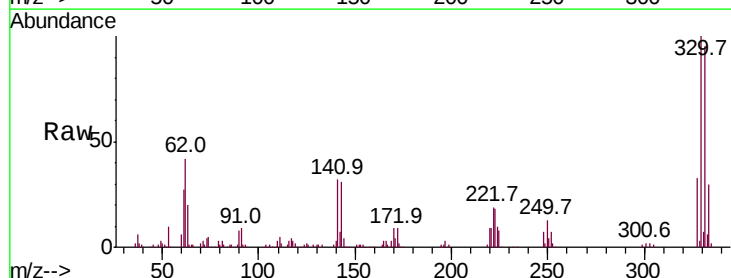
Tgt Ion:330 Resp: 185823

Ion Ratio Lower Upper

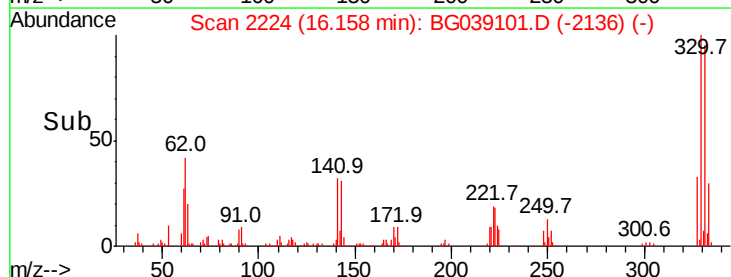
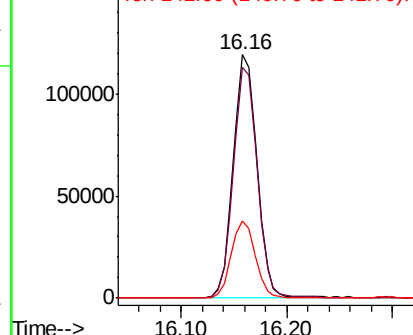
330 100

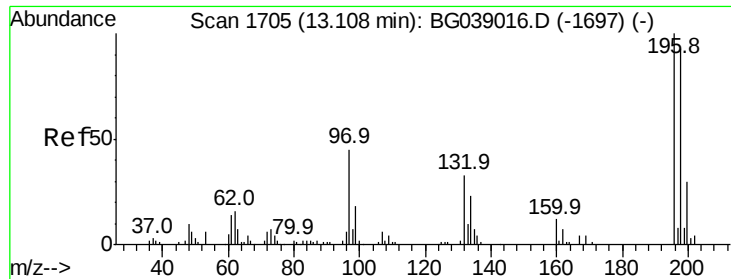
332 95.4 75.7 113.5

141 32.2 24.9 37.3



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

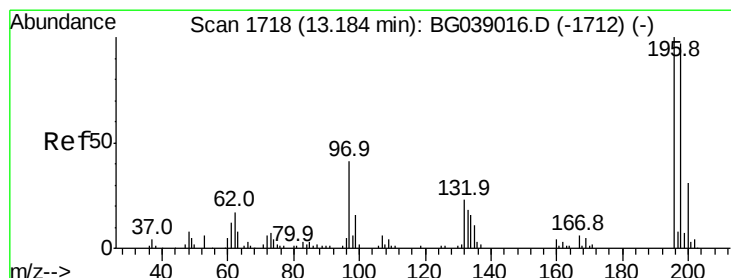
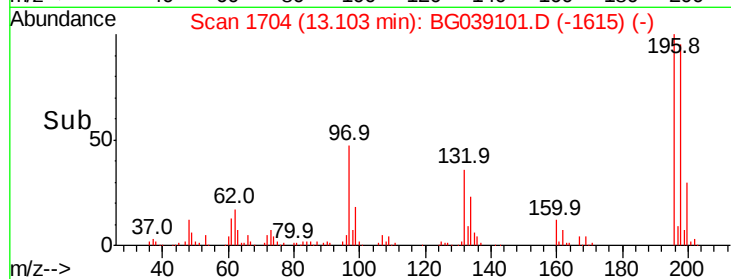
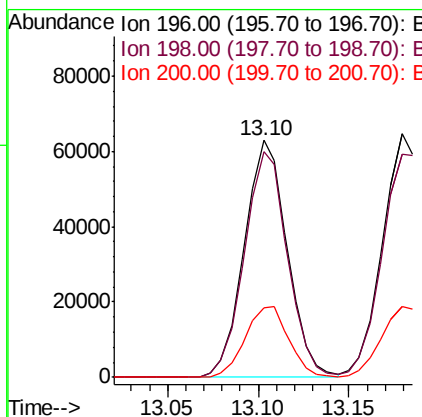
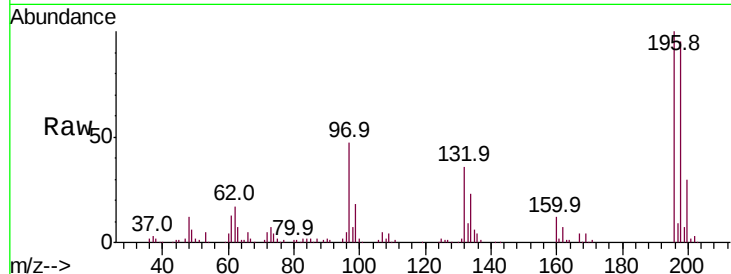




#43
 2,4,6-Trichlorophenol
 Concen: 42.591 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

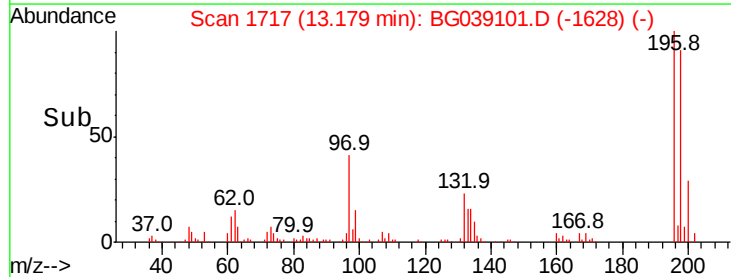
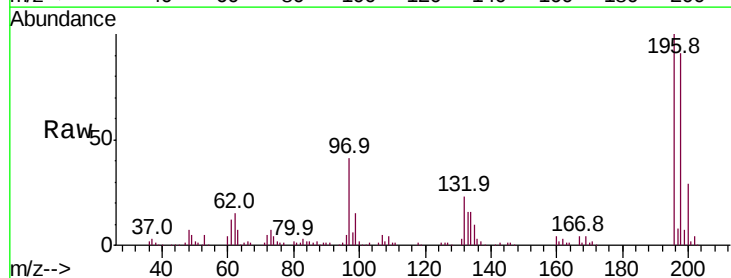
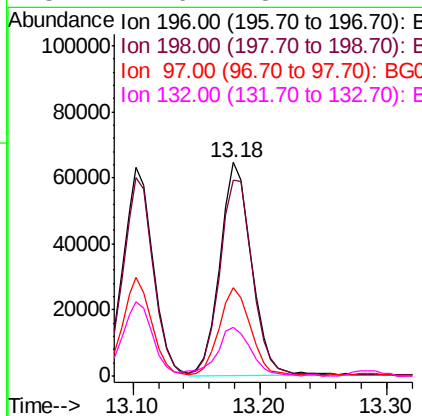
Instrument :
 BNA_G
 ClientSampleId :

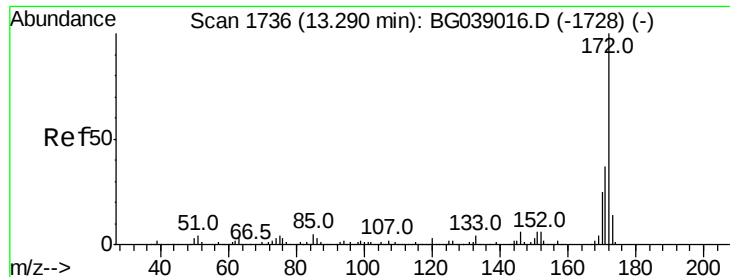
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.5	111.7
200	29.5	23.8	35.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.238 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.4	78.1	117.1
97	41.2	33.2	49.8
132	22.6	18.2	27.4

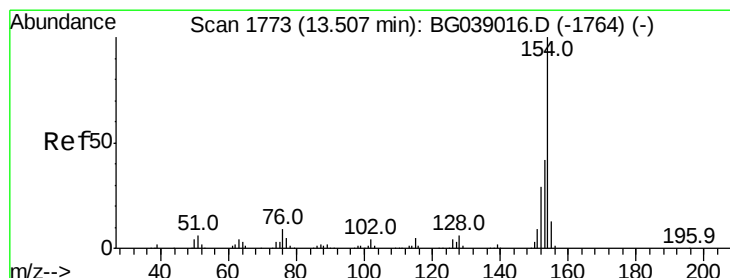
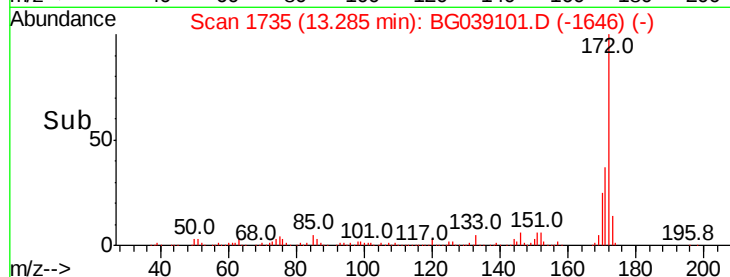
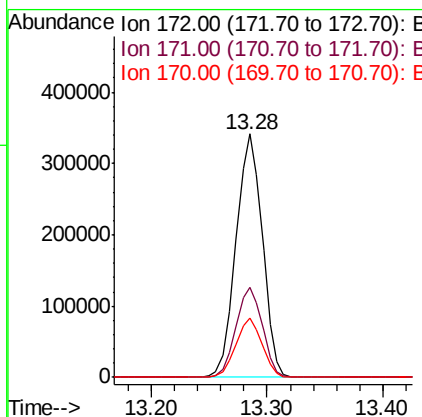
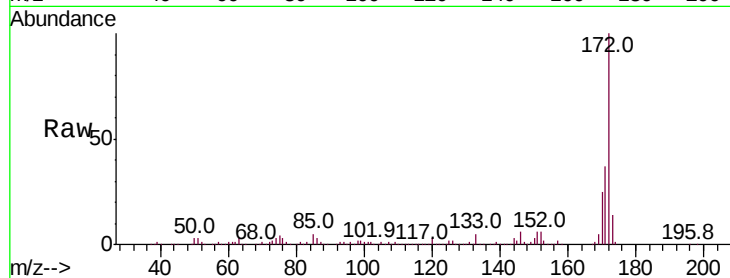




#45
2-Fluorobiphenyl
Concen: 71.675 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

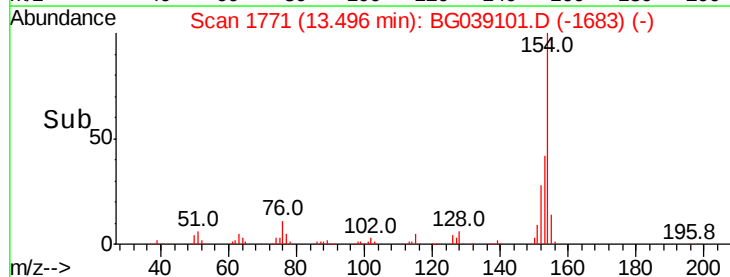
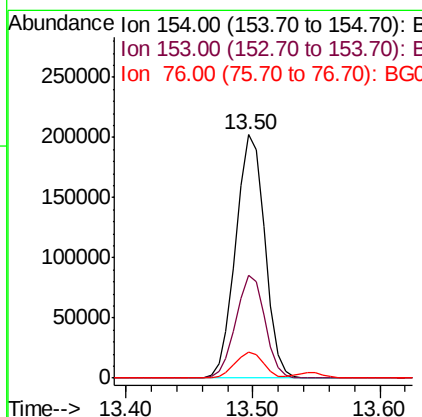
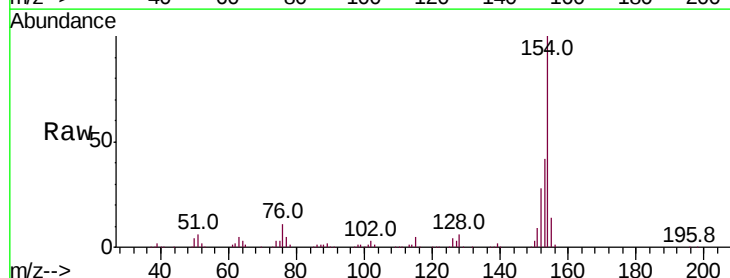
Instrument :
BNA_G
ClientSampleId :

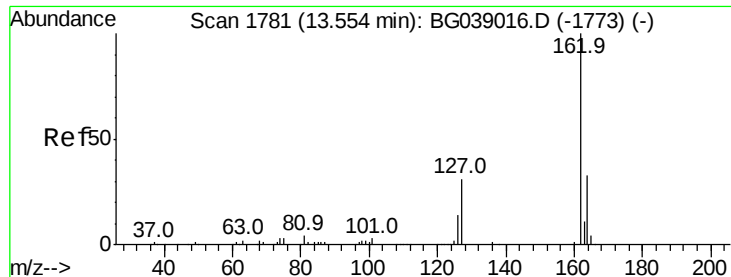
Tot Ion:172 Resp: 538969
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 24.5 20.1 30.1



#46
1,1'-Biphenyl
Concen: 39.281 ng
RT: 13.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion:154 Resp: 320313
Ion Ratio Lower Upper
154 100
153 42.1 22.4 62.4
76 10.7 0.0 29.4





#47

2-Chloronaphthalene

Concen: 38.204 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

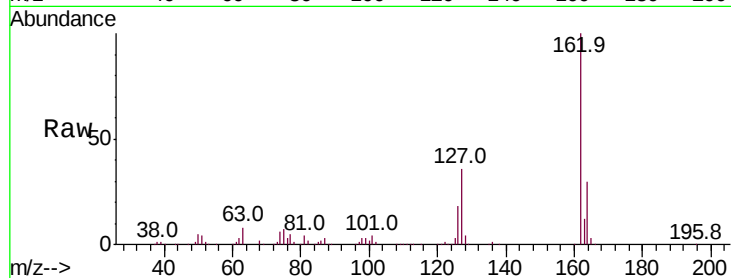
Tot Ion:162 Resp: 252100

Ion Ratio Lower Upper

162 100

127 36.4 28.4 42.6

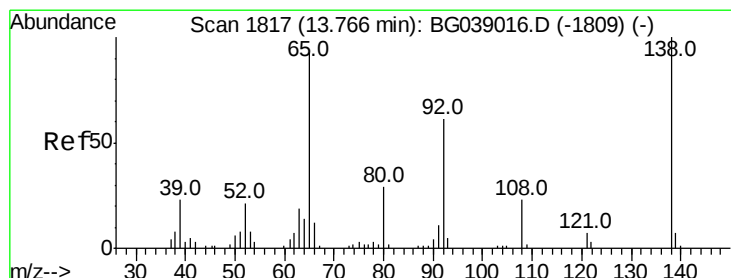
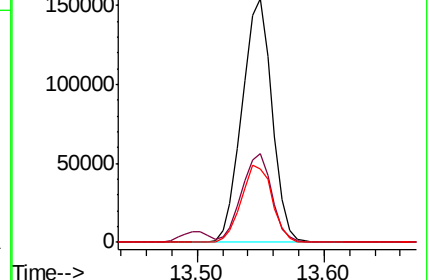
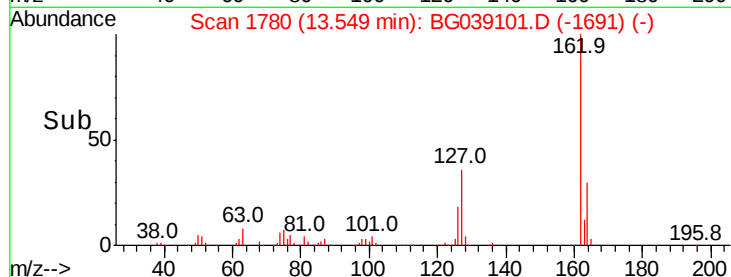
164 30.3 26.3 39.5



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: 40.551 ng

RT: 13.76 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

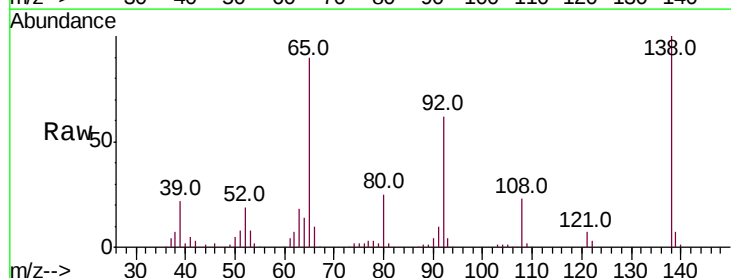
Tgt Ion: 65 Resp: 74966

Ion Ratio Lower Upper

65 100

92 68.7 52.2 78.4

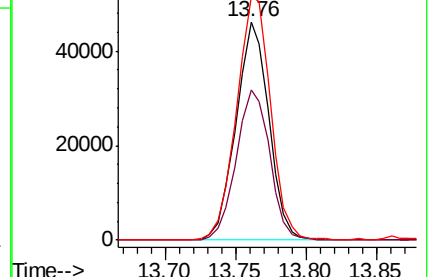
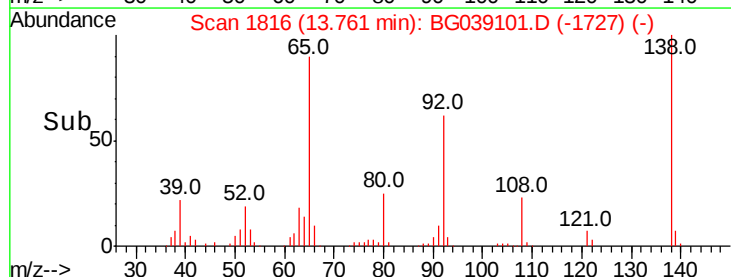
138 111.5 86.0 129.0

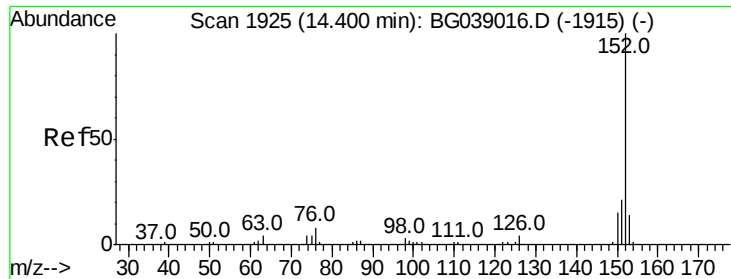


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.224 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

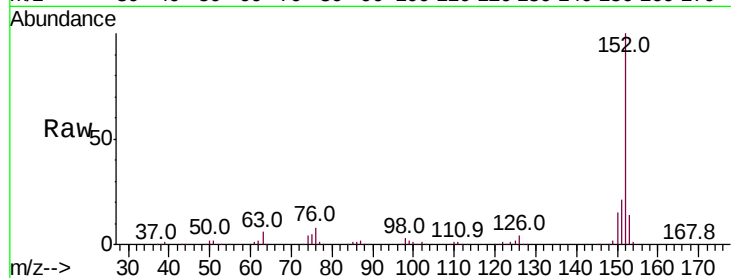
Tot Ion:152 Resp: 438629

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.4

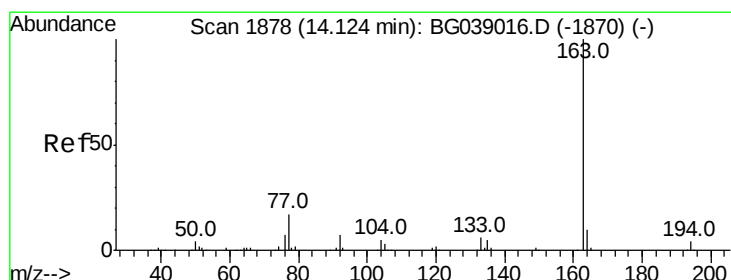
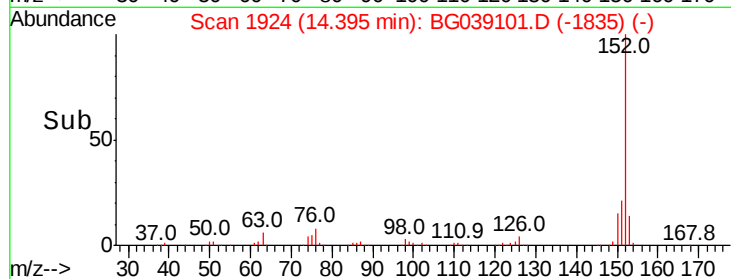
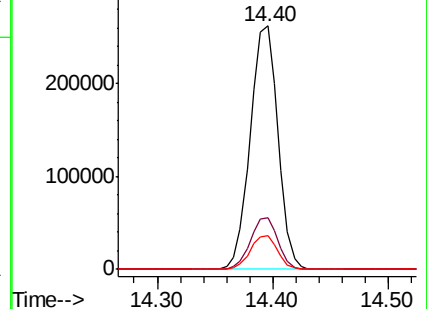
153 13.7 11.2 16.8



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: 55.651 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

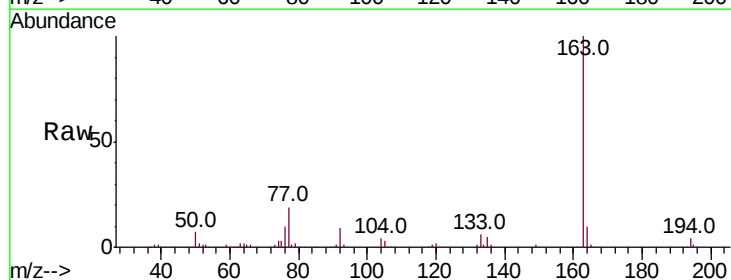
Tgt Ion:163 Resp: 483968

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

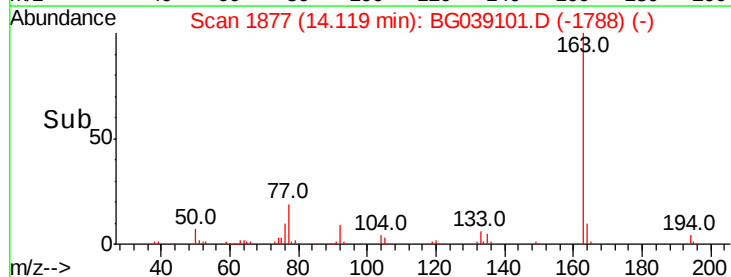
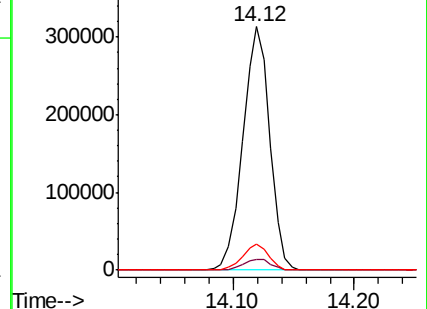
164 10.4 8.2 12.2

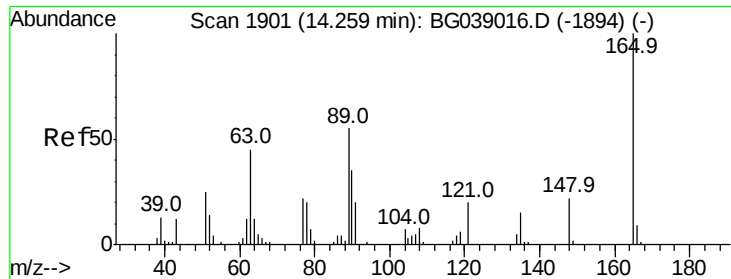


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.239 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampled :

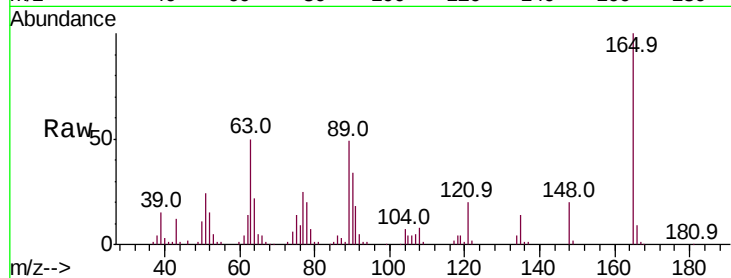
Tot Ion:165 Resp: 84069

Ion Ratio Lower Upper

165 100

63 50.1 43.6 65.4

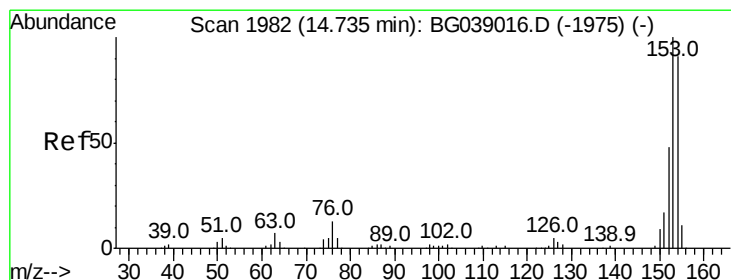
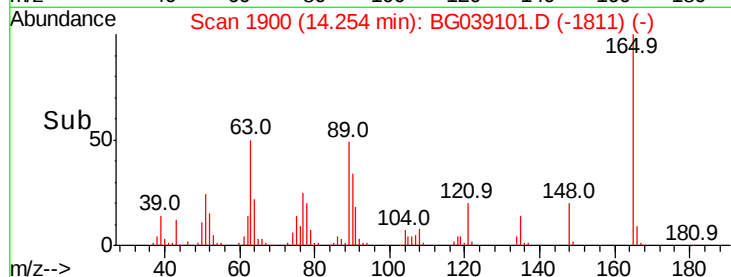
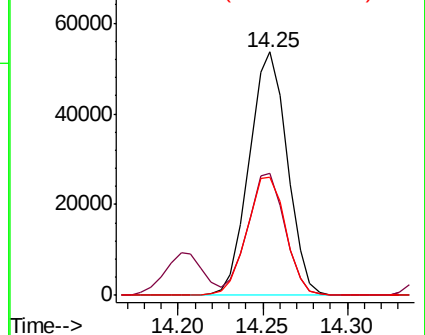
89 48.7 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 41.087 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

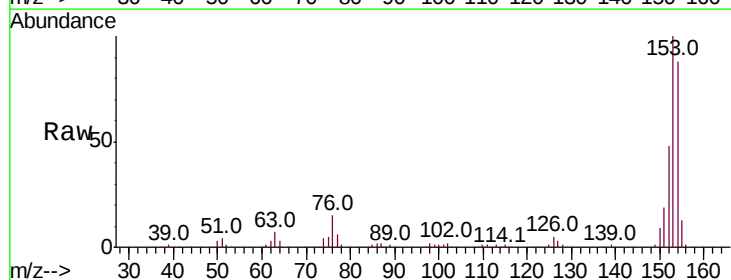
Tgt Ion:154 Resp: 244844

Ion Ratio Lower Upper

154 100

153 113.3 87.9 131.9

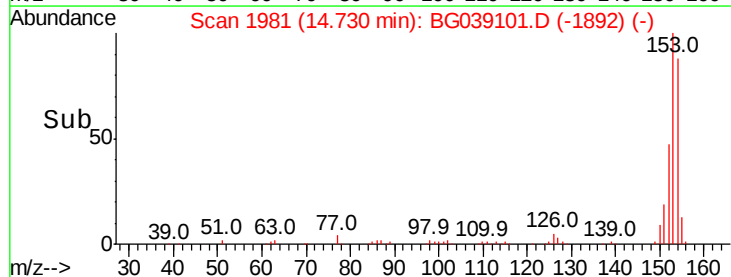
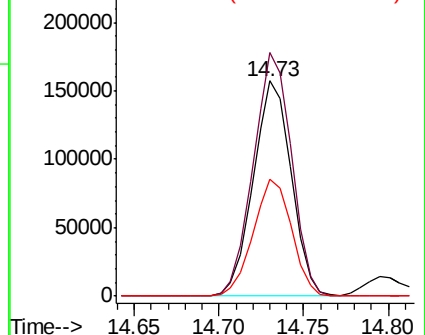
152 54.6 42.2 63.2

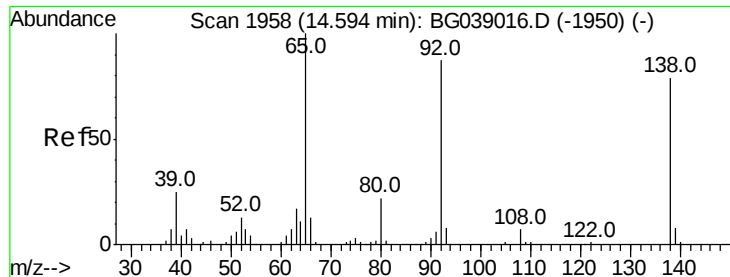


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 12.001 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

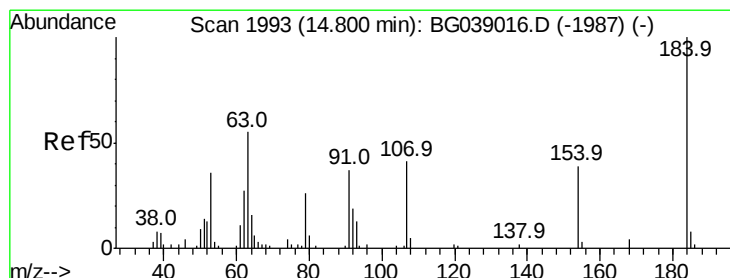
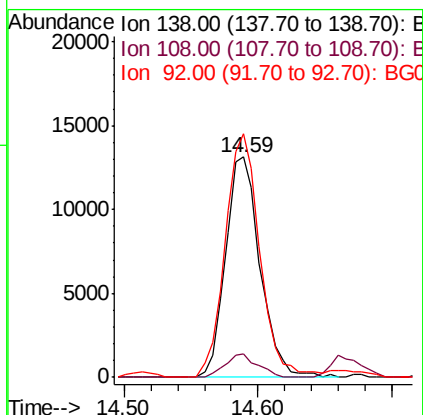
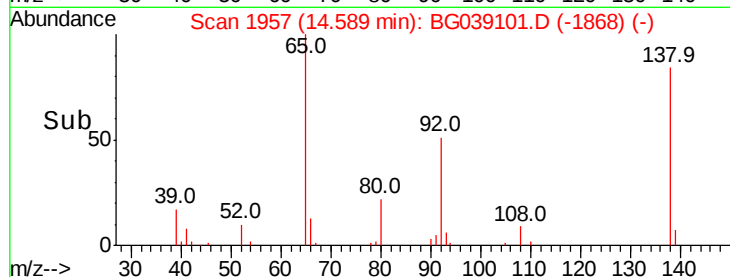
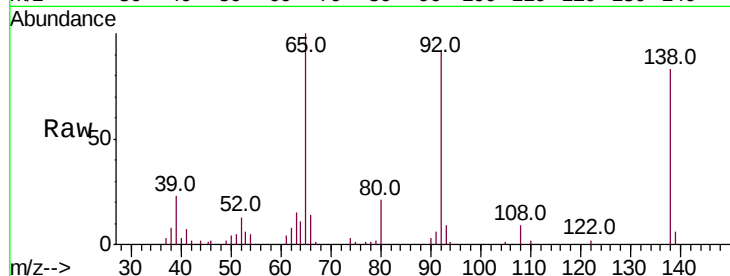
Tot Ion:138 Resp: 23671

Ion Ratio Lower Upper

138 100

108 10.5 7.4 11.0

92 110.5 88.2 132.4



#54

2,4-Dinitrophenol

Concen: 41.809 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

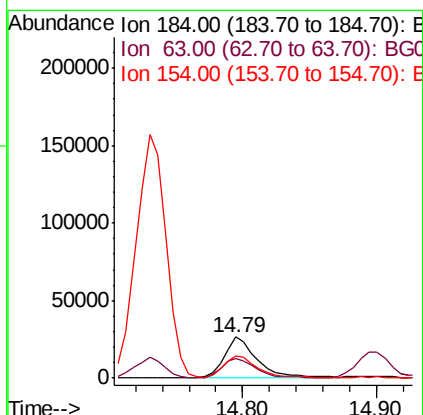
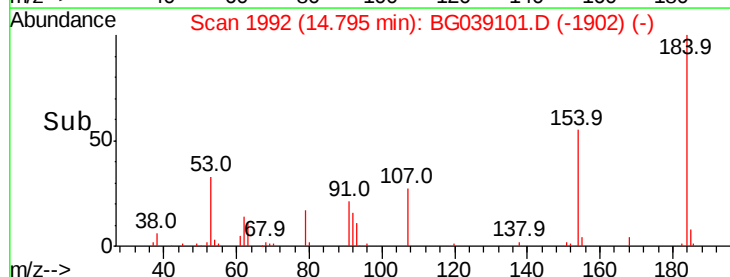
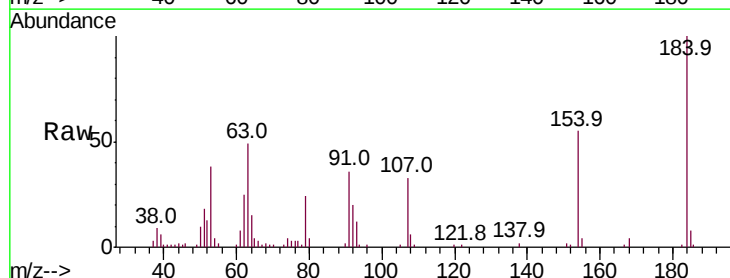
Tgt Ion:184 Resp: 45395

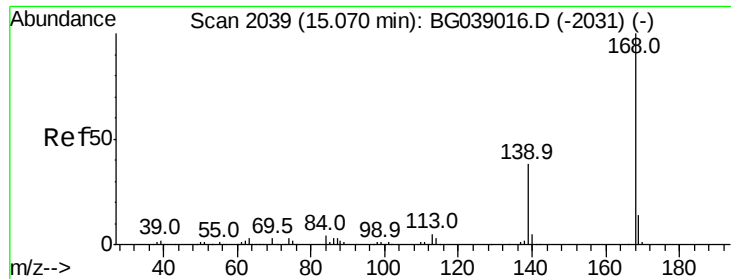
Ion Ratio Lower Upper

184 100

63 49.4 44.0 66.0

154 55.4 46.1 69.1

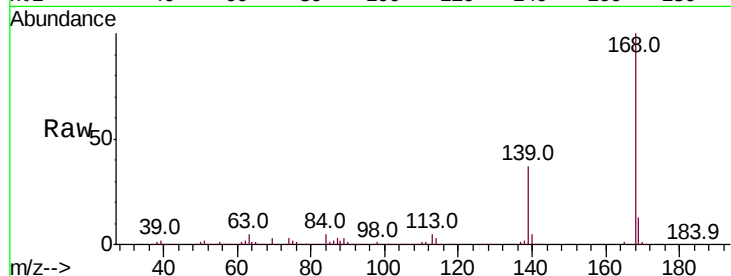




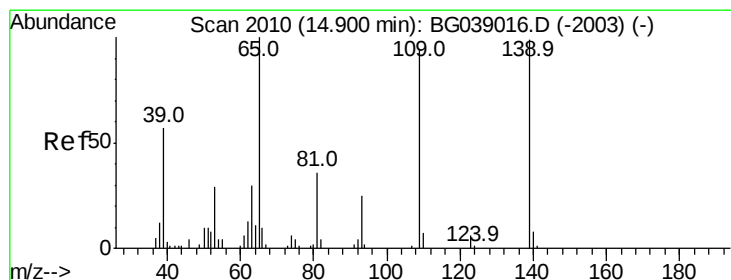
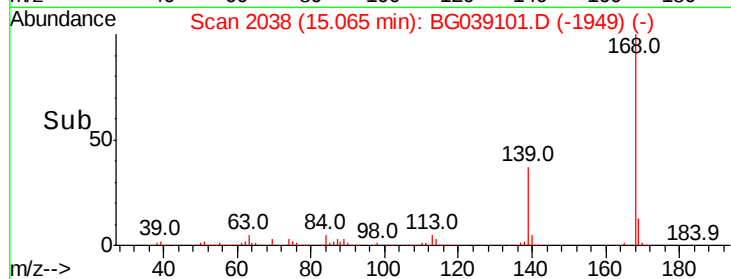
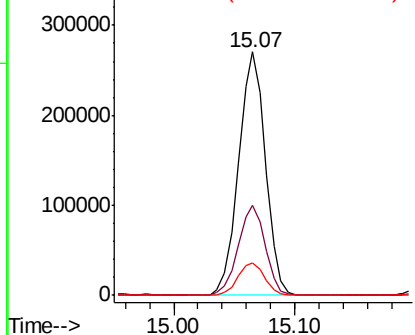
#55
Dibenzofuran
Concen: 39.637 ng
RT: 15.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 417172
Ion Ratio Lower Upper
168 100
139 36.9 30.1 45.1
169 13.4 10.9 16.3

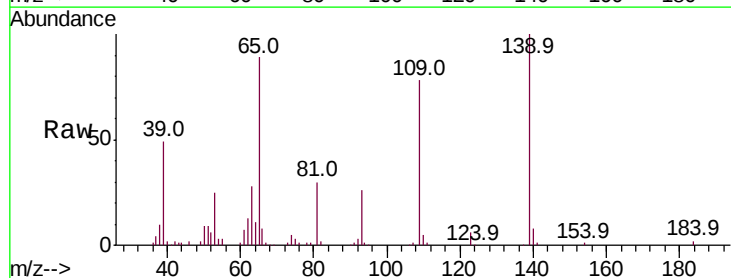


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

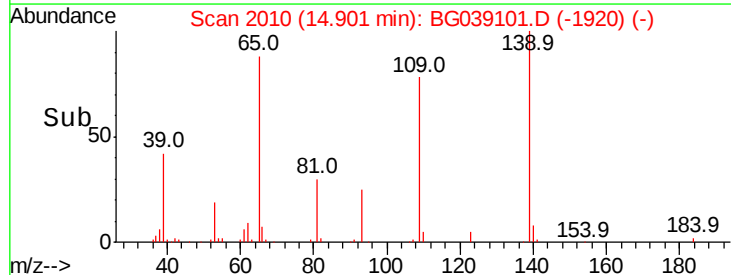
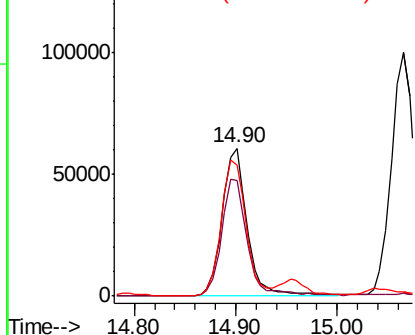


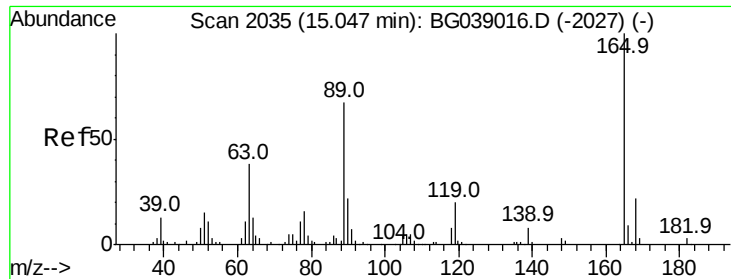
#56
4-Nitrophenol
Concen: 73.725 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion:139 Resp: 104628
Ion Ratio Lower Upper
139 100
109 77.9 75.6 115.6
65 88.5 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): BGO

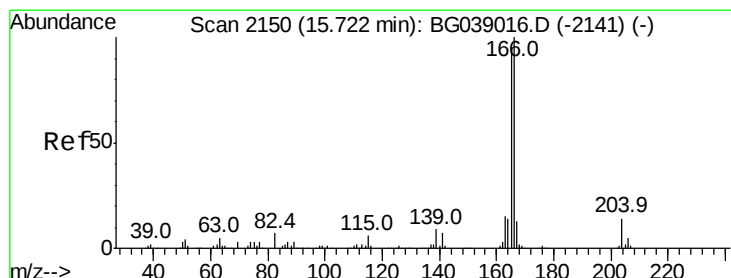
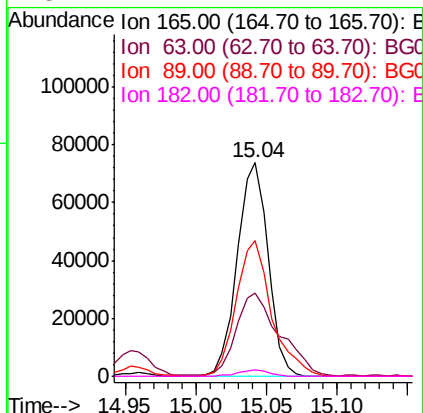
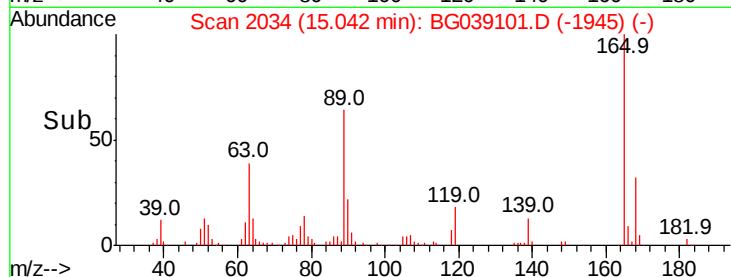
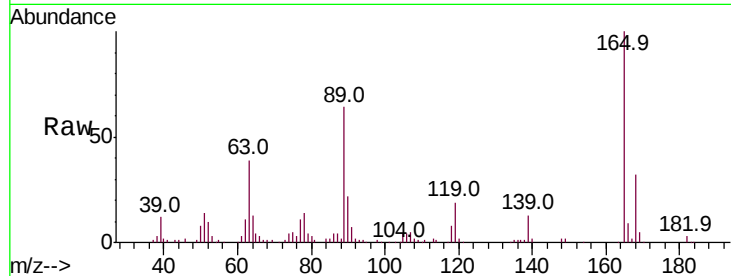




#57
2,4-Dinitrotoluene
Concen: 40.391 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

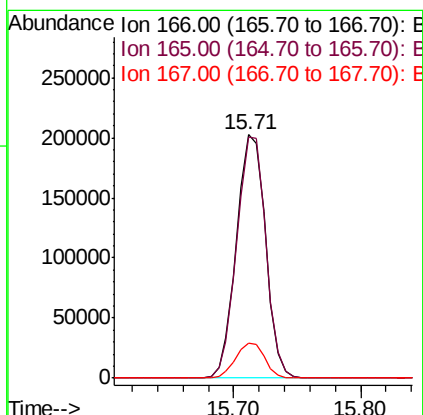
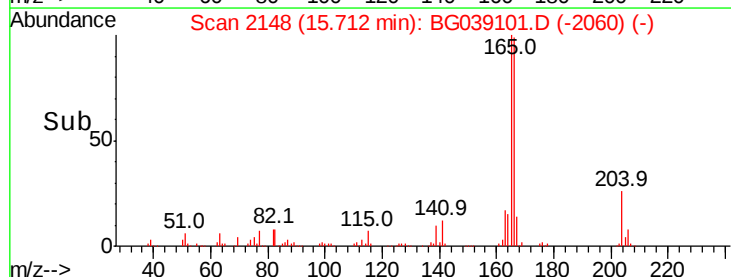
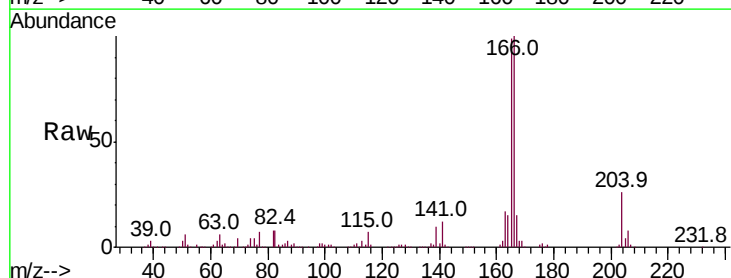
Instrument :
BNA_G
ClientSampleId :

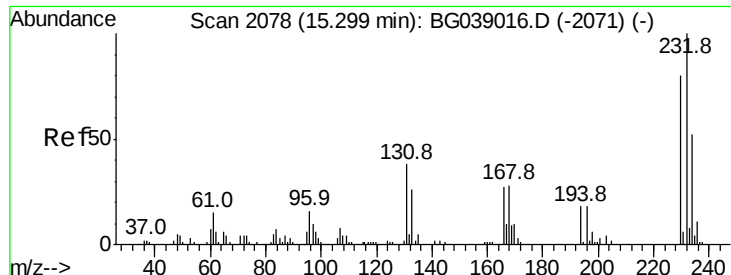
Tot Ion:165 Resp: 112668
Ion Ratio Lower Upper
165 100
63 39.2 30.2 45.4
89 63.7 53.2 79.8
182 2.7 2.7 4.1



#58
Fluorene
Concen: 40.720 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion:166 Resp: 322590
Ion Ratio Lower Upper
166 100
165 99.1 76.2 114.2
167 14.6 10.6 16.0

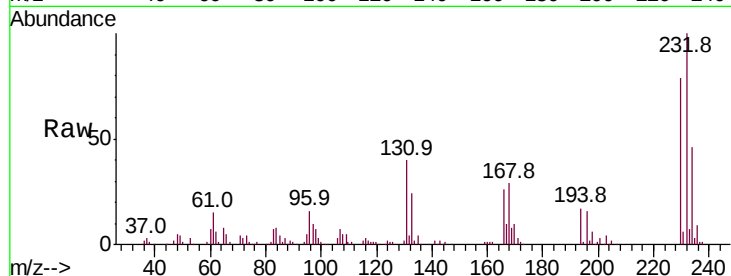




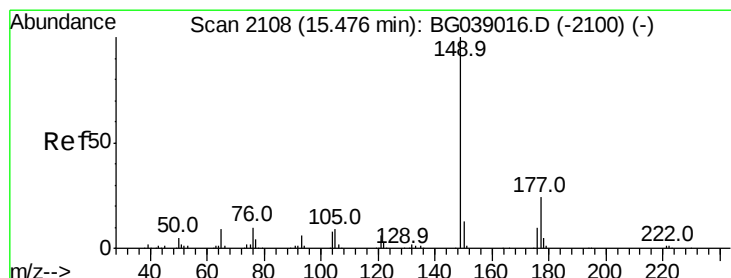
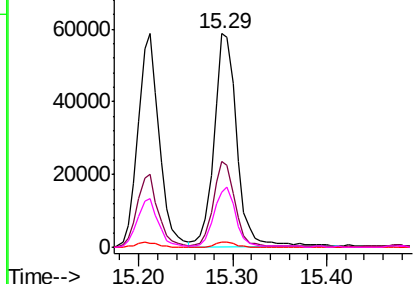
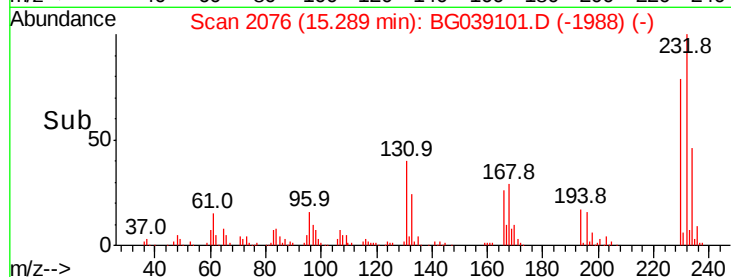
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.681 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 98728
Ion Ratio Lower Upper
232 100
131 37.6 30.9 46.3
130 2.1 1.9 2.9
166 26.9 22.1 33.1

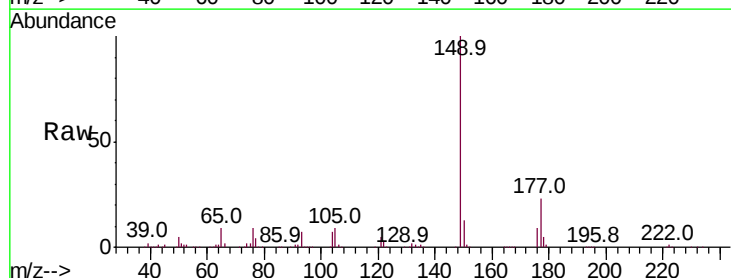


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

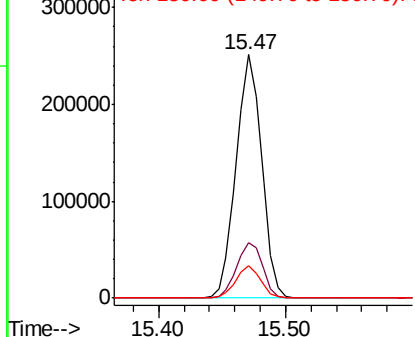
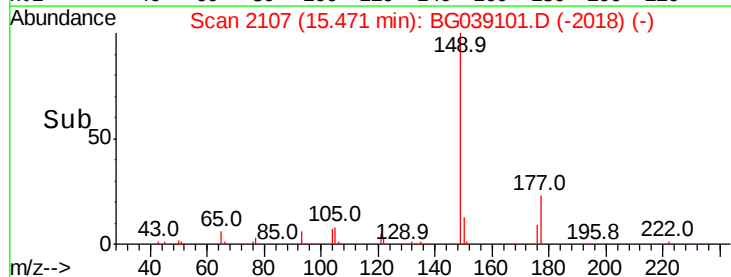


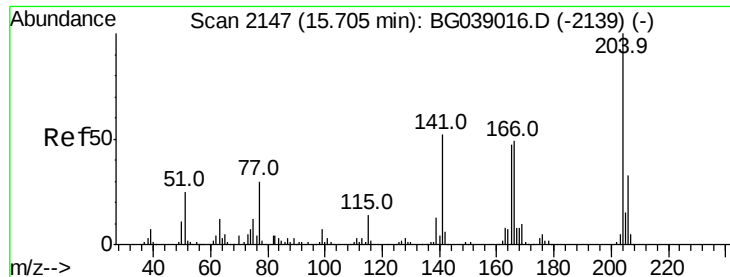
#60
Diethylphthalate
Concen: 39.120 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion:149 Resp: 350514
Ion Ratio Lower Upper
149 100
177 22.9 19.0 28.6
150 13.4 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: 36.324 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampled :

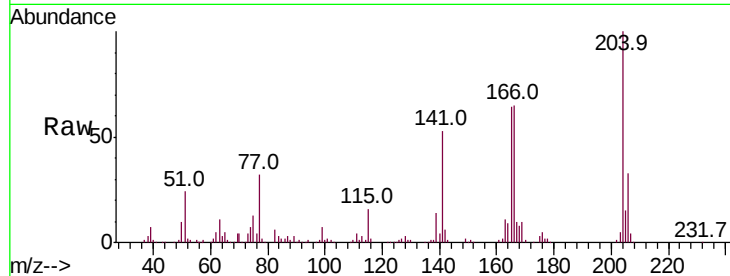
Tot Ion:204 Resp: 181295

Ion Ratio Lower Upper

204 100

206 33.1 26.6 39.8

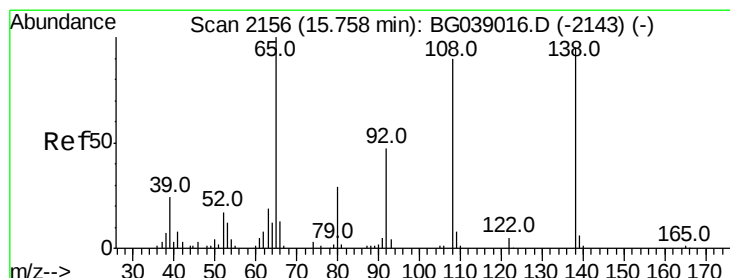
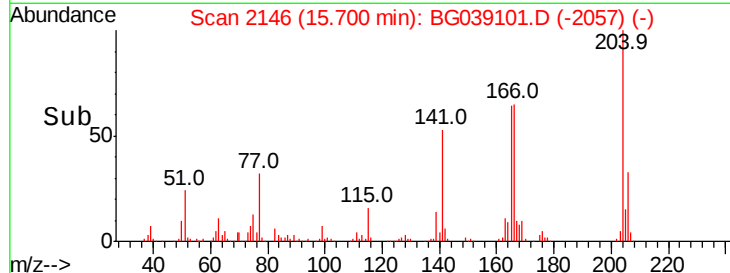
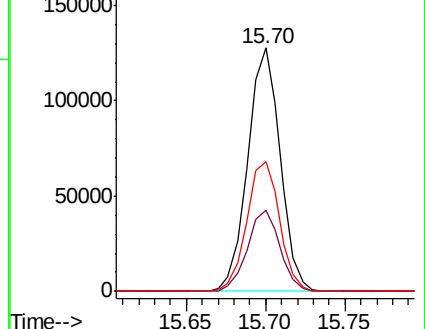
141 53.3 41.4 62.0



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: 34.142 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

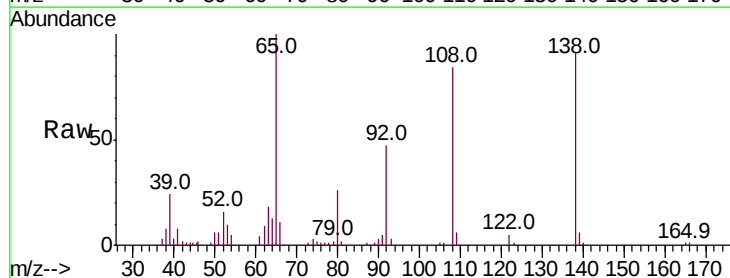
Tgt Ion:138 Resp: 70152

Ion Ratio Lower Upper

138 100

92 51.1 29.7 69.7

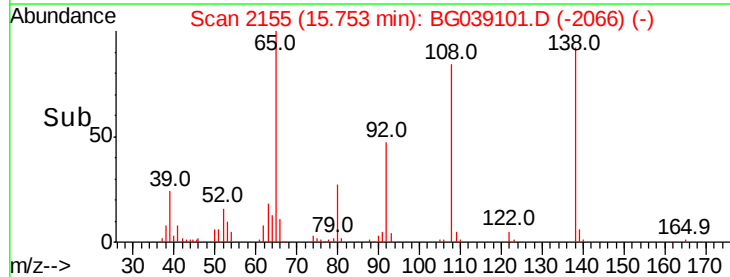
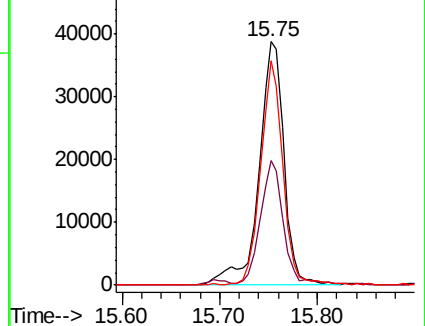
108 92.0 75.7 115.7



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

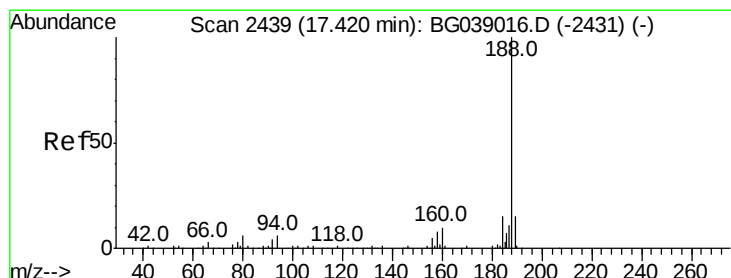
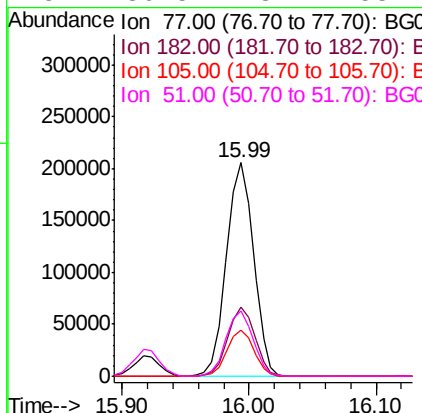
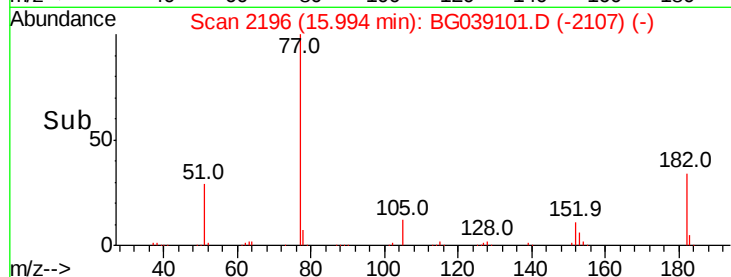
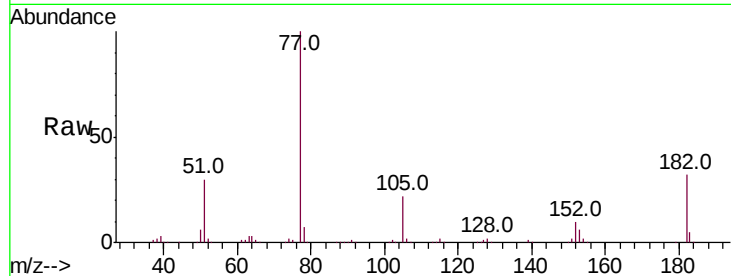




#63
Azobenzene
Concen: 43.558 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

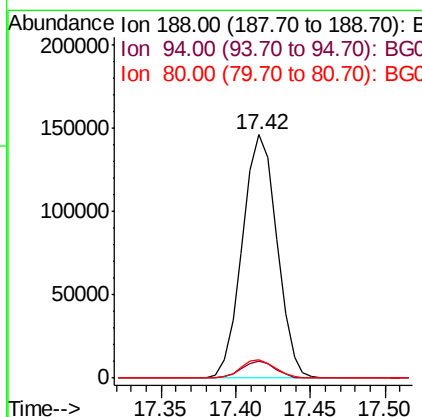
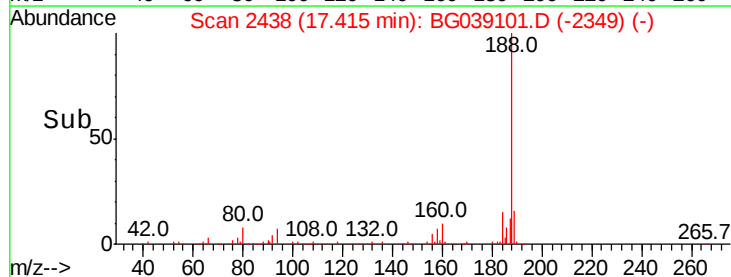
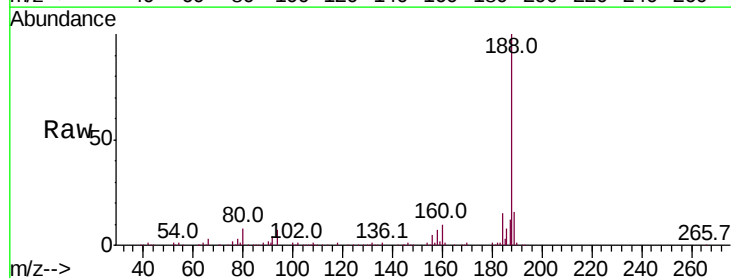
Instrument :
BNA_G
ClientSampleId :

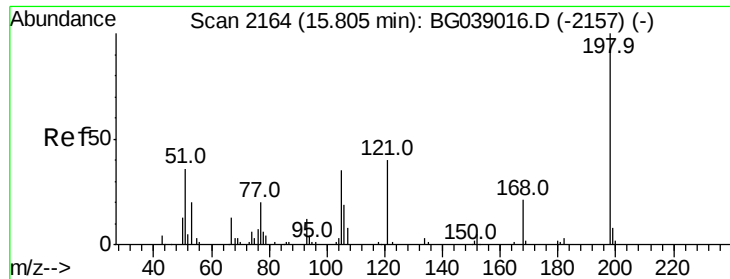
Tot Ion:	77	Resp:	305209
Ion	Ratio	Lower	Upper
77	100		
182	32.3	12.2	52.2
105	21.9	1.2	41.2
51	30.5	13.4	53.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion:	188	Resp:	234612
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.0	7.4
80	7.6	4.7	7.1#





#65

4,6-Dinitro-2-methylphenol

Concen: 27.862 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

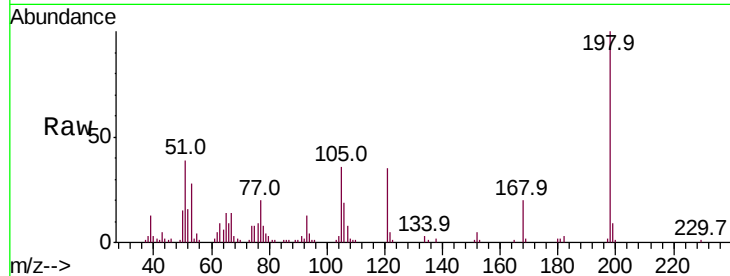
Tot Ion:198 Resp: 48428

Ion Ratio Lower Upper

198 100

51 39.2 20.8 60.8

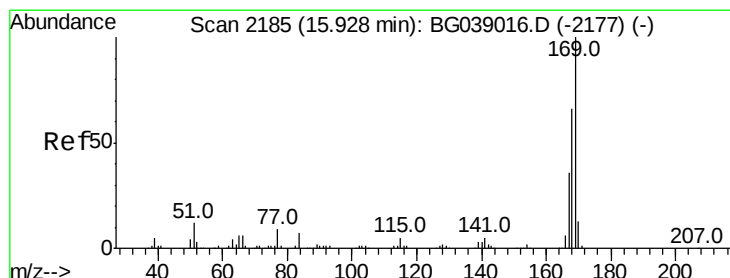
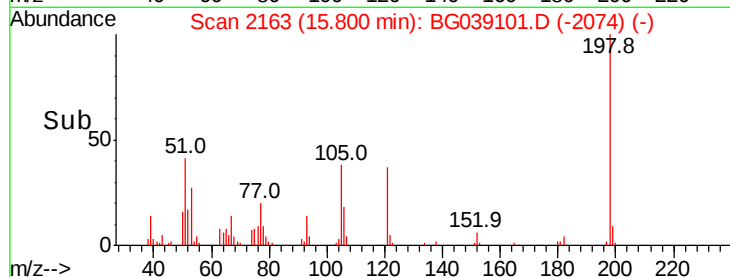
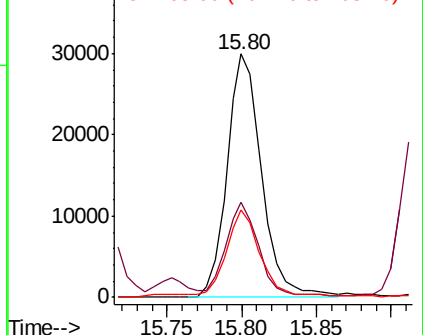
105 36.1 16.1 56.1



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: 42.102 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

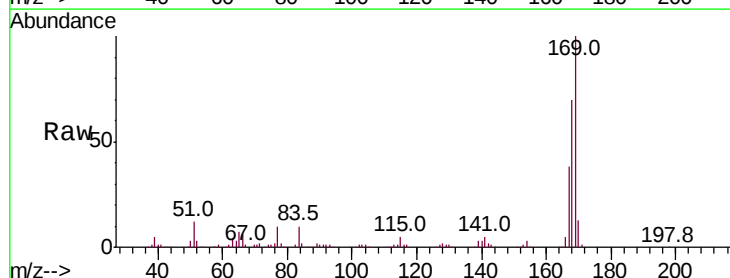
Tgt Ion:169 Resp: 292821

Ion Ratio Lower Upper

169 100

168 70.1 53.2 79.8

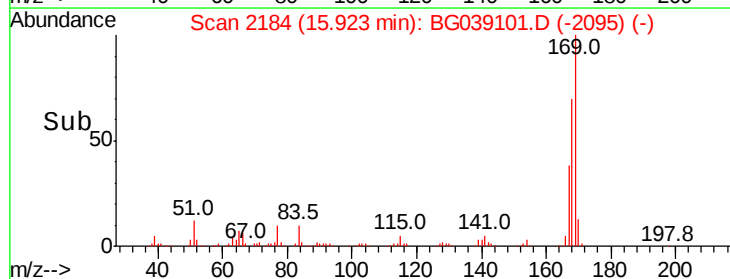
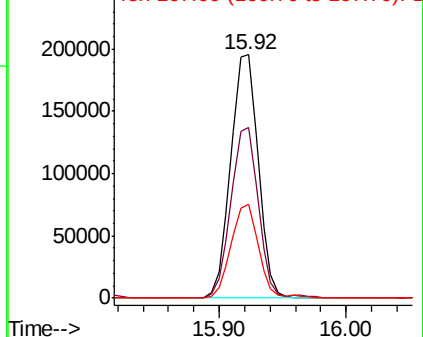
167 38.3 29.1 43.7

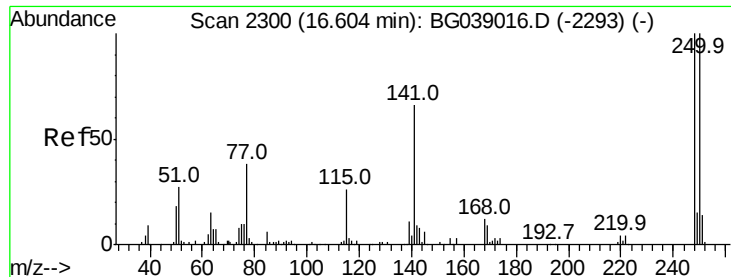


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

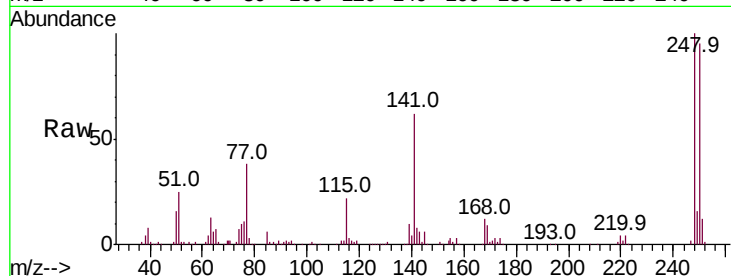




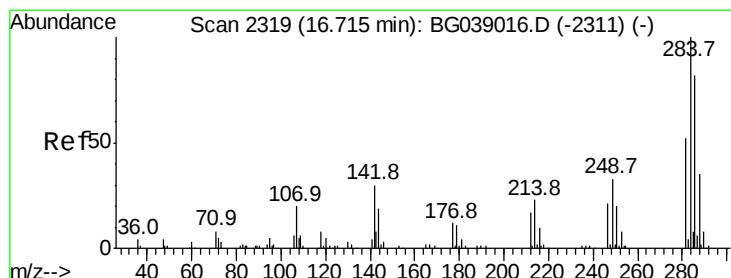
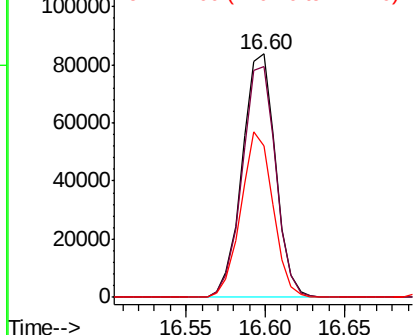
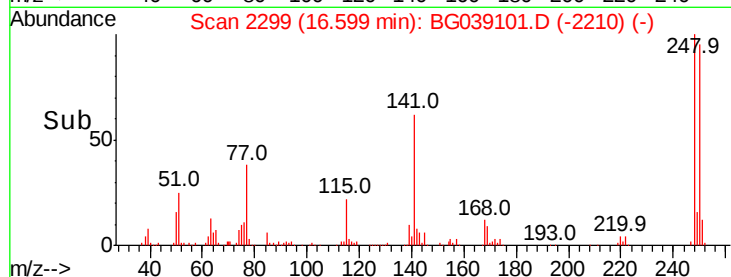
#67
 4-Bromophenyl-phenylether
 Concen: 40.443 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 121969
 Ion Ratio Lower Upper
 248 100
 250 94.7 79.9 119.9
 141 62.0 52.7 79.1

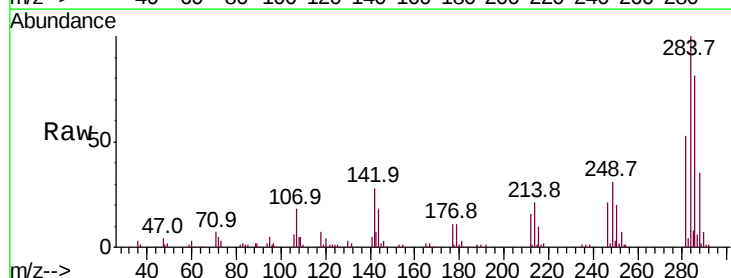


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

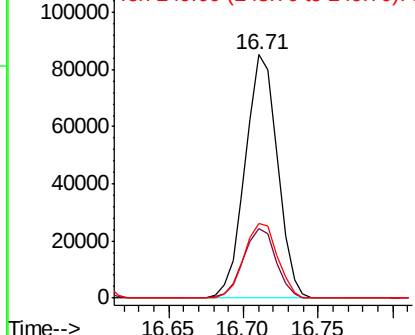
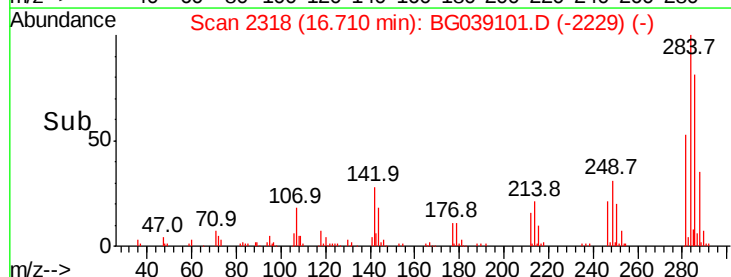


#68
 Hexachlorobenzene
 Concen: 38.842 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion:284 Resp: 127824
 Ion Ratio Lower Upper
 284 100
 142 28.4 24.3 36.5
 249 33.3 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

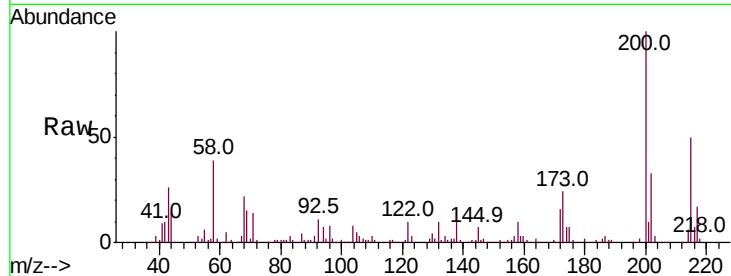




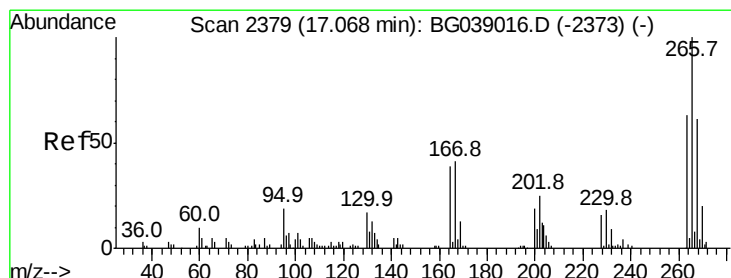
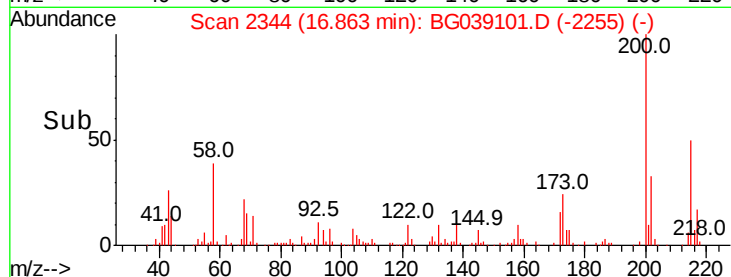
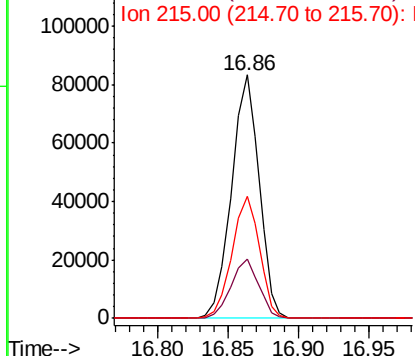
#69
 Atrazine
 Concen: 38.303 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	2.6	42.6
215	50.0	28.0	68.0

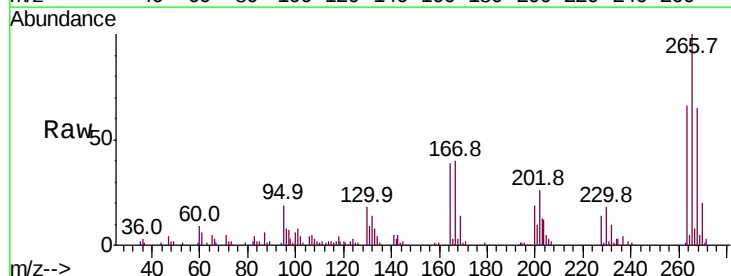


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

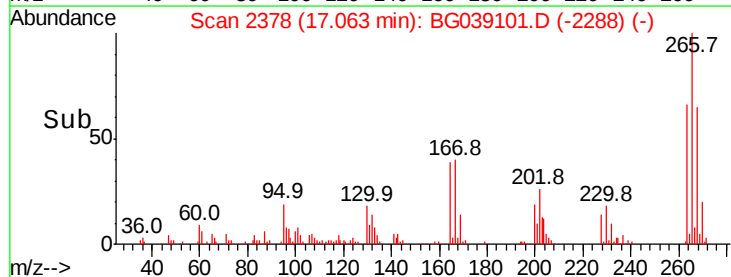
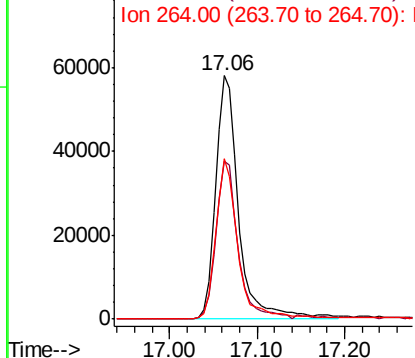


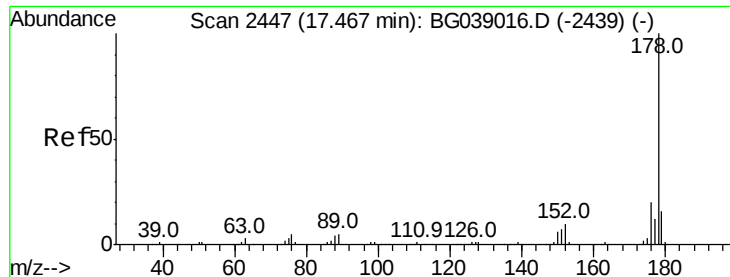
#70
 Pentachlorophenol
 Concen: 54.253 ng
 RT: 17.06 min Scan# 2378
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	52.0	78.0
264	71.0	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

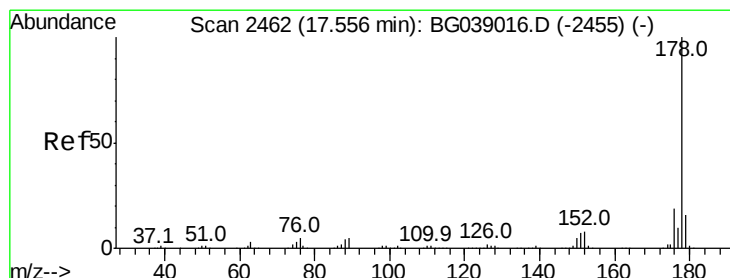
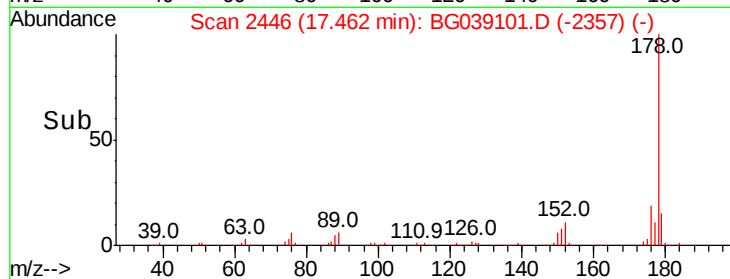
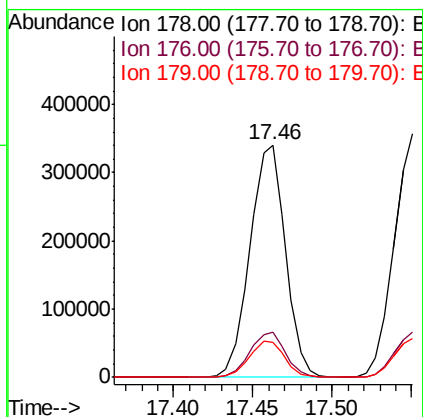
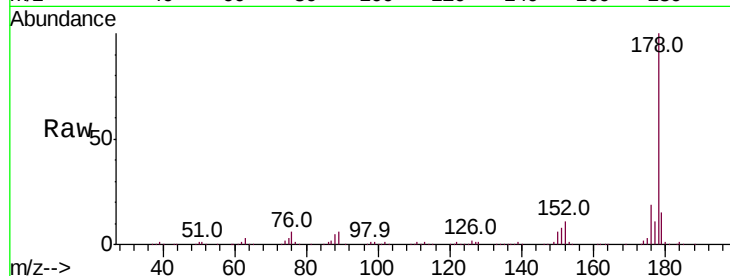




#71
 Phenanthrene
 Concen: 42.751 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

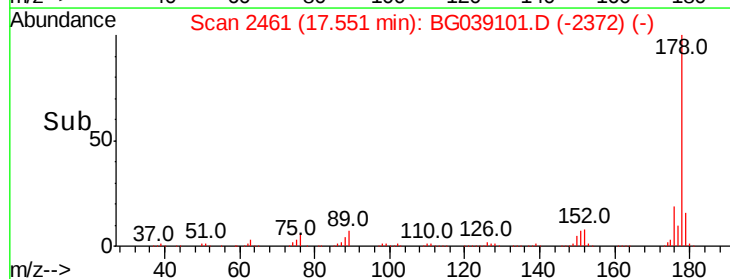
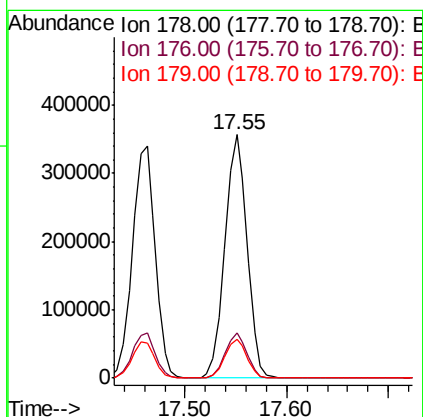
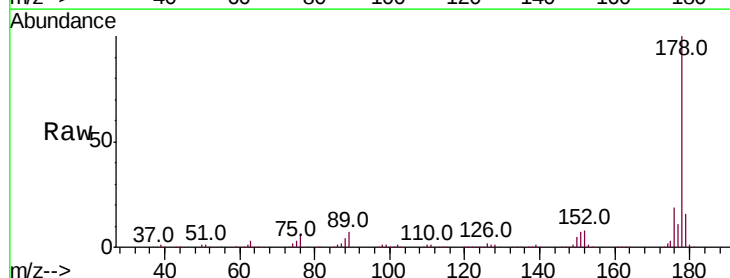
Instrument :
 BNA_G
 ClientSampled :

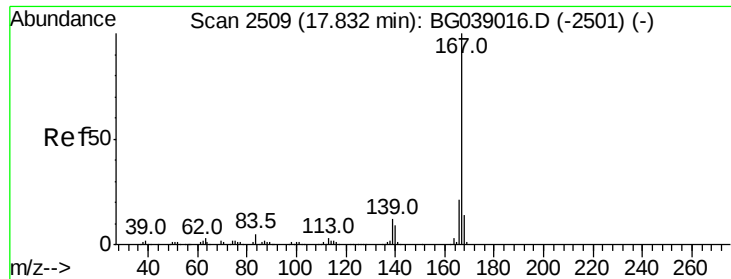
Tot Ion:178 Resp: 530147
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.7 23.5
 179 15.2 12.9 19.3



#72
 Anthracene
 Concen: 43.974 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion:178 Resp: 539170
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.9 22.3
 179 15.9 13.0 19.4

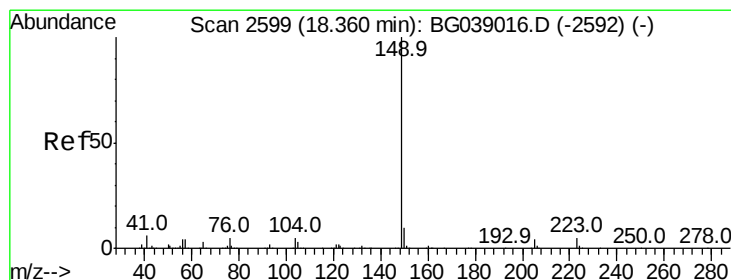
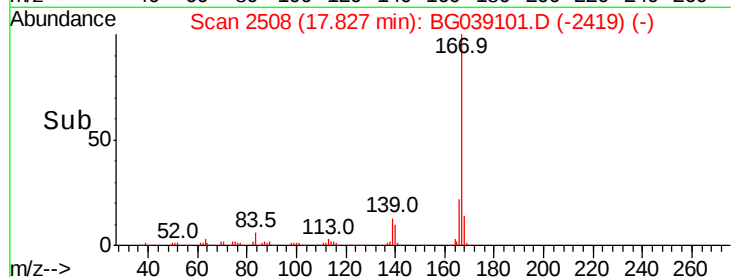
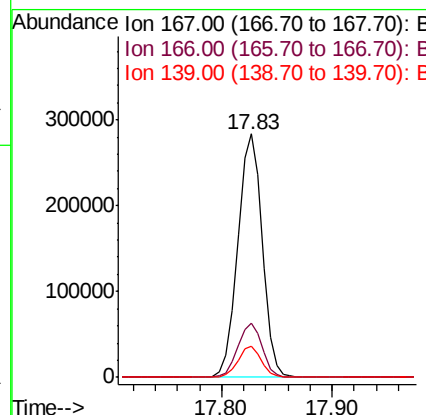
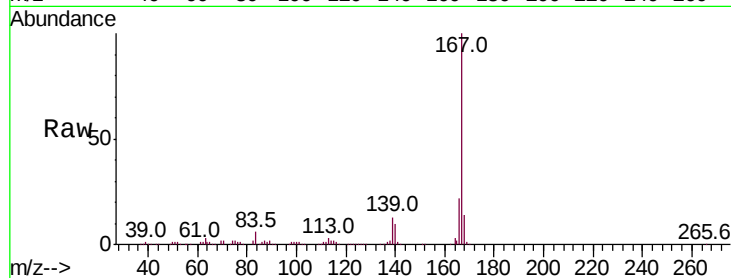




#73
 Carbazole
 Concen: 36.523 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

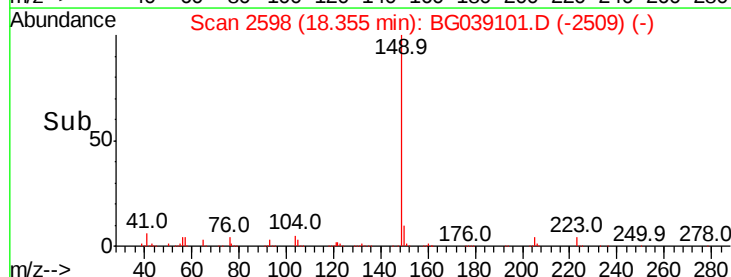
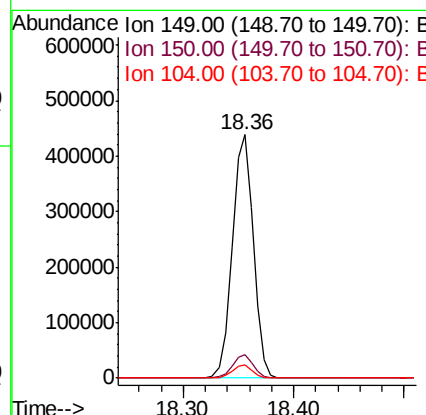
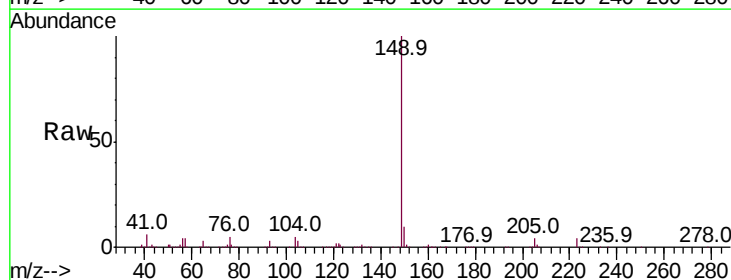
Instrument :
 BNA_G
 ClientSampleId :

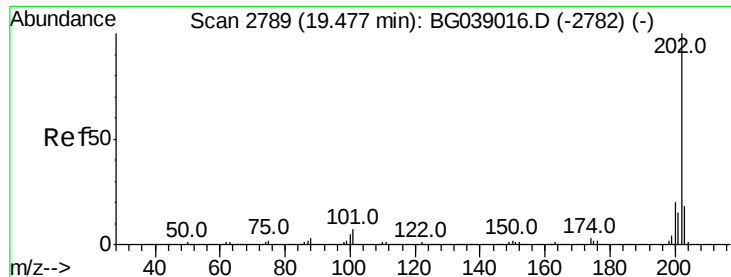
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	12.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 43.449 ng
 RT: 18.36 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.3	4.2	6.2





#75

Fluoranthene

Concen: 40.495 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampled :

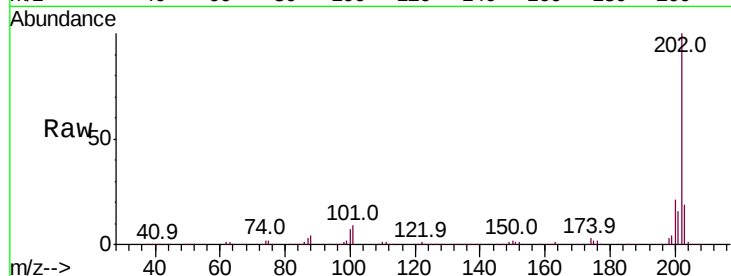
Tot Ion:202 Resp: 622536

Ion Ratio Lower Upper

202 100

101 8.6 0.0 26.9

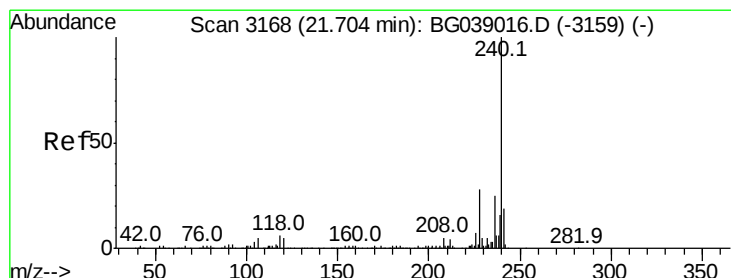
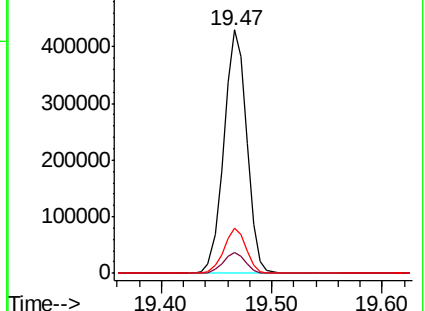
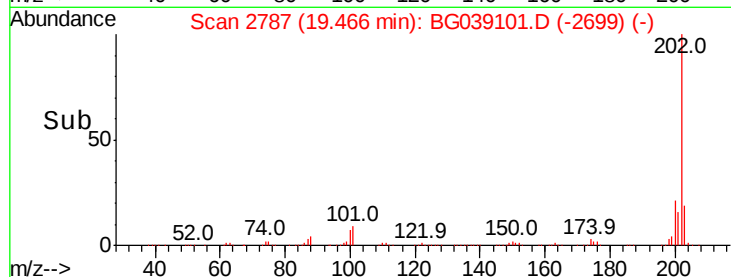
203 18.6 0.0 38.1



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: BG039101.D

Acq: 12 Jan 2019 1:19

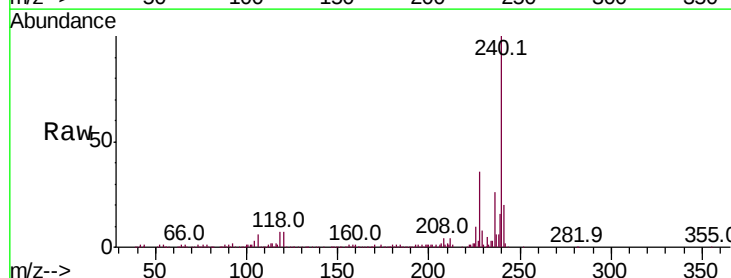
Tgt Ion:240 Resp: 197416

Ion Ratio Lower Upper

240 100

120 7.0 4.3 6.5#

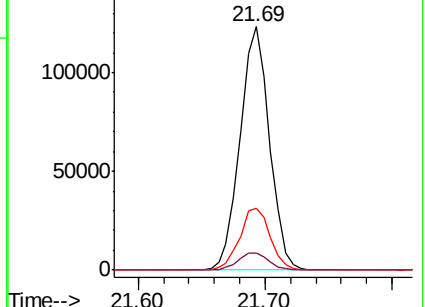
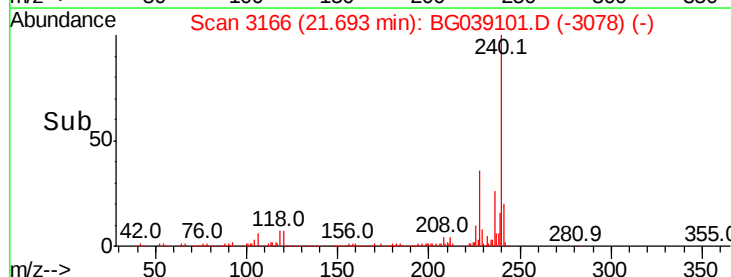
236 25.7 20.1 30.1

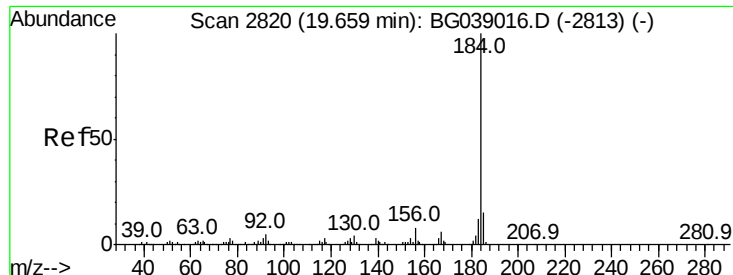


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

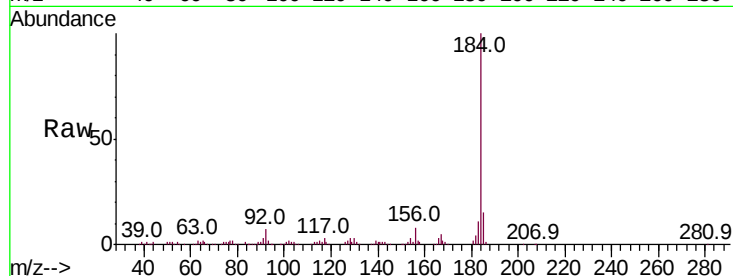




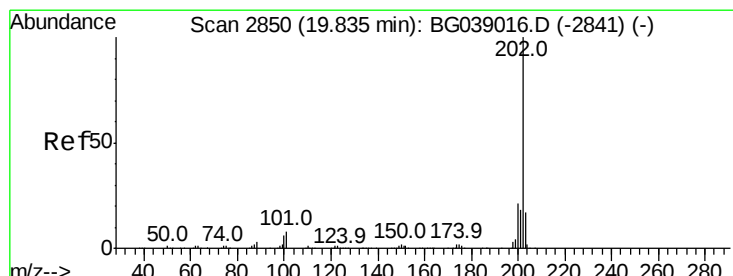
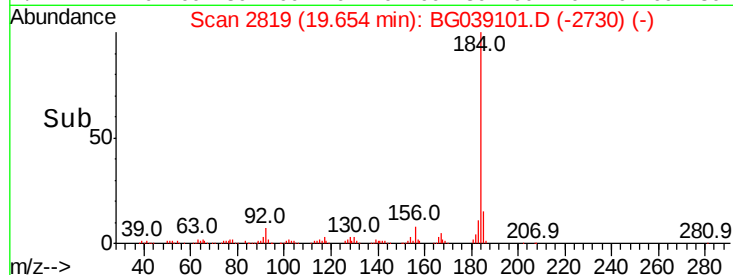
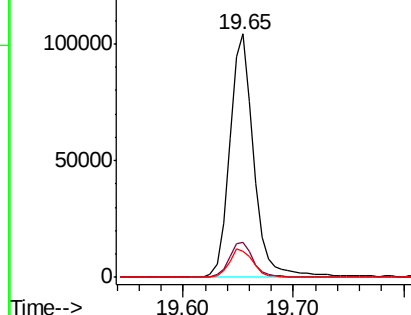
#77
Benzidine
Concen: 26.338 ng
RT: 19.65 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 159035
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 10.9 9.5 14.3

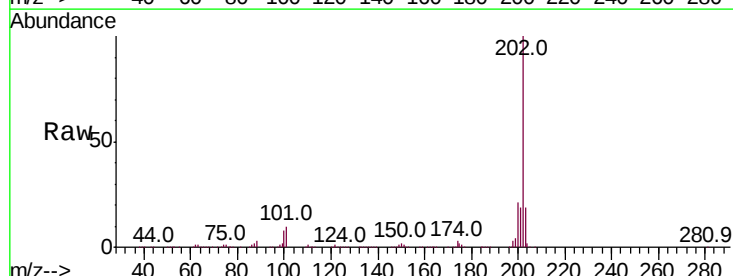


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

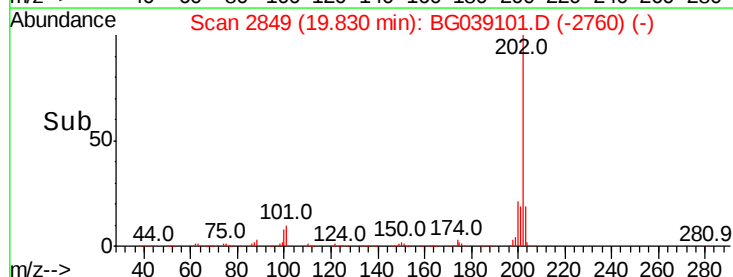
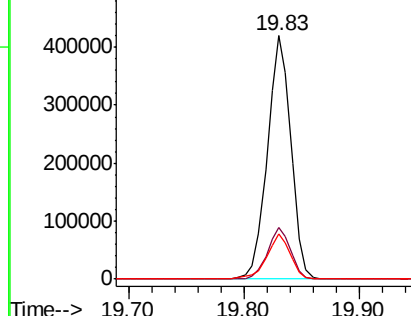


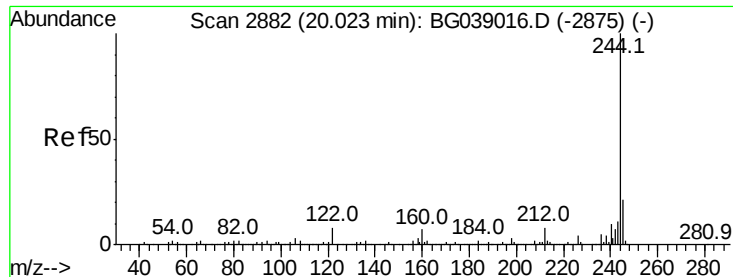
#78
Pyrene
Concen: 47.462 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion:202 Resp: 597120
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 18.7 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: 74.175 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

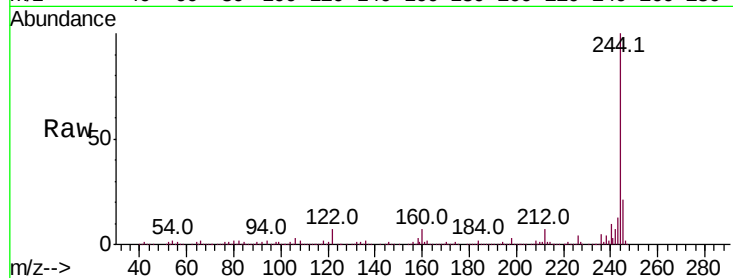
Tot Ion:244 Resp: 791578

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

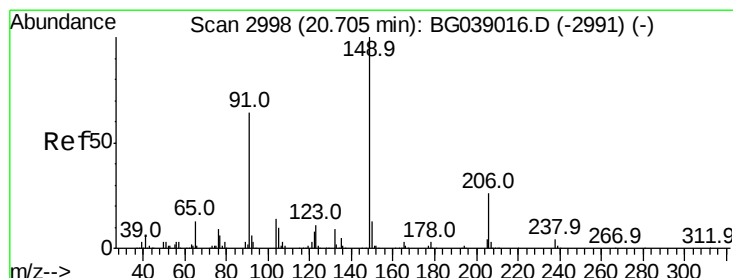
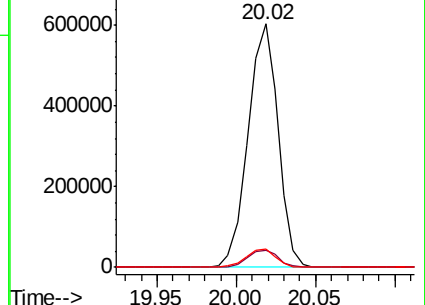
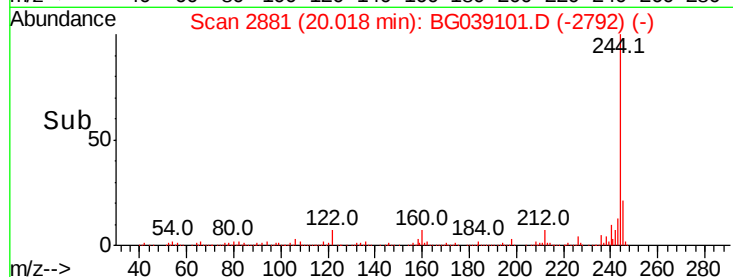
122 7.4 6.1 9.1



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: 45.327 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

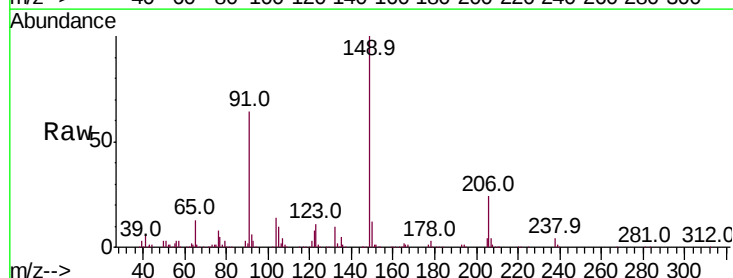
Tgt Ion:149 Resp: 216894

Ion Ratio Lower Upper

149 100

91 63.9 51.4 77.0

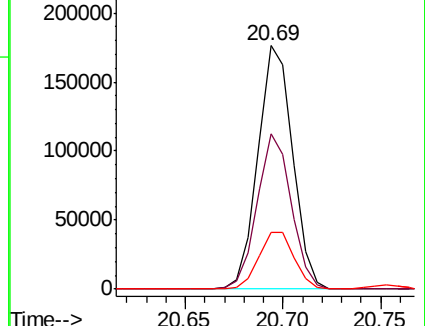
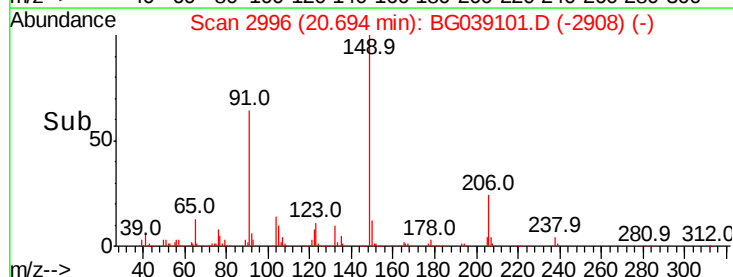
206 23.5 20.4 30.6

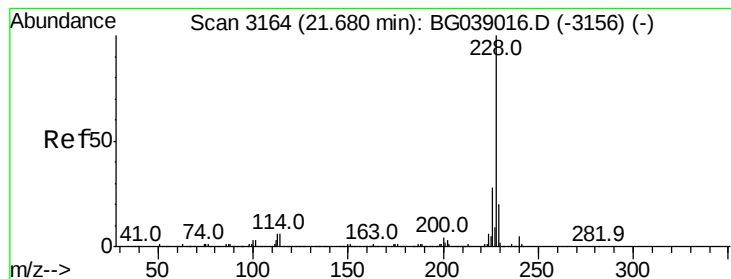


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.394 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

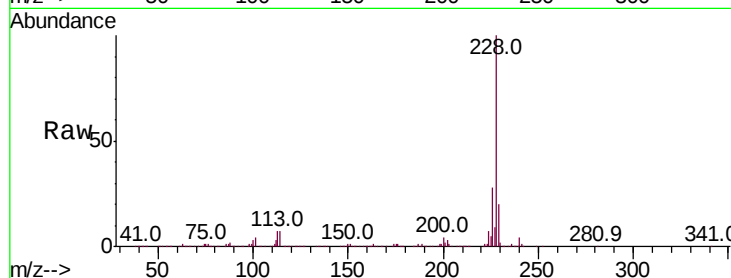
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 533513

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.5	16.2	24.2

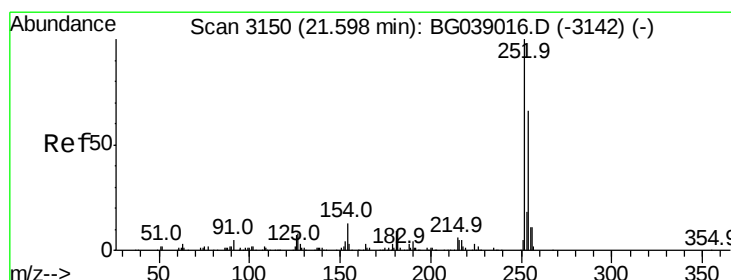
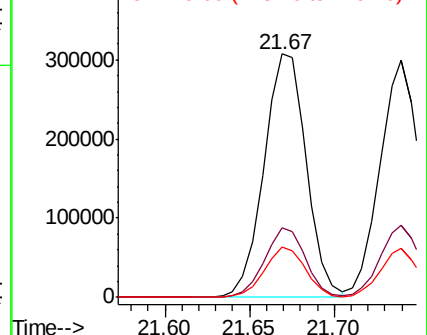
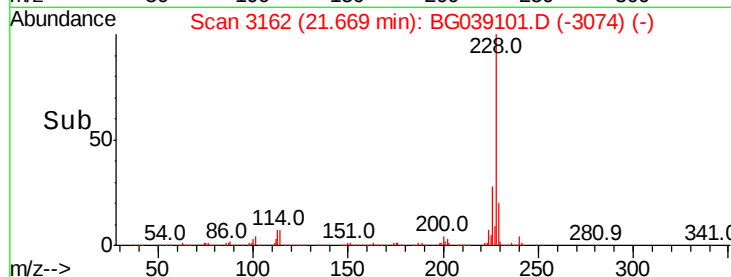


Abundance

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: 17.697 ng

RT: 21.59 min Scan# 3148

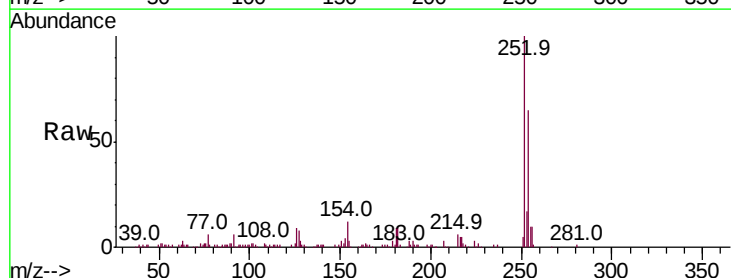
Delta R.T. -0.01 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:252 Resp: 86655

Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.0	79.6
126	9.3	6.0	9.0#

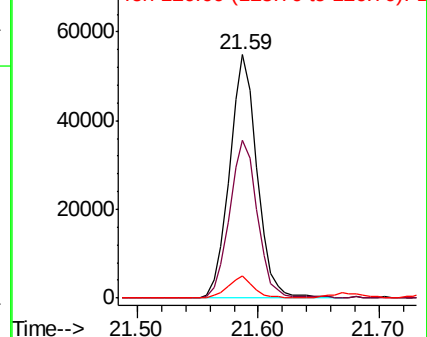
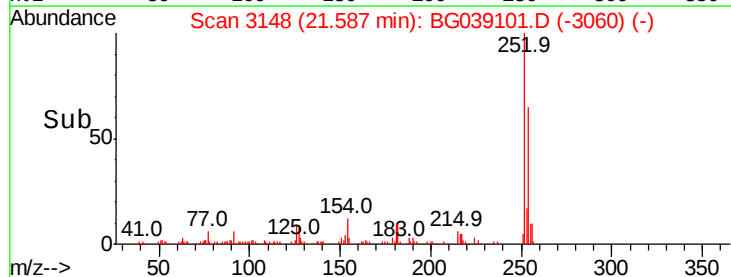


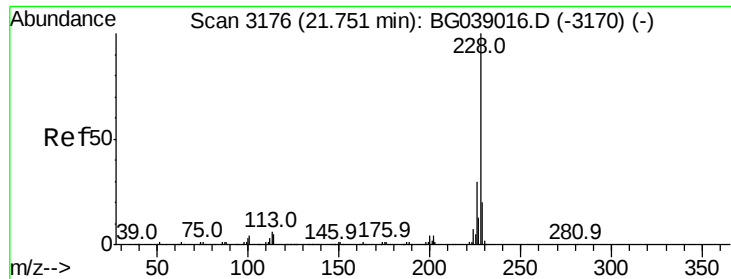
Abundance

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

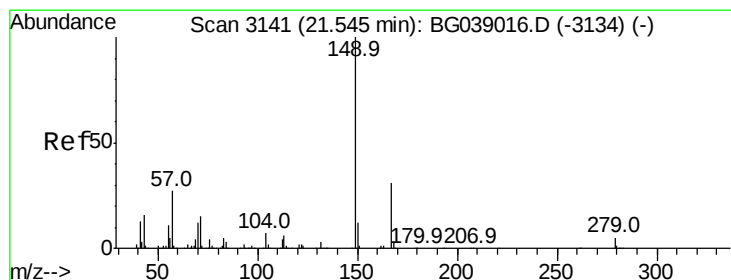
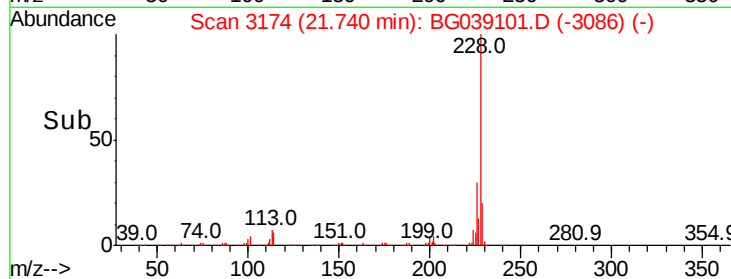
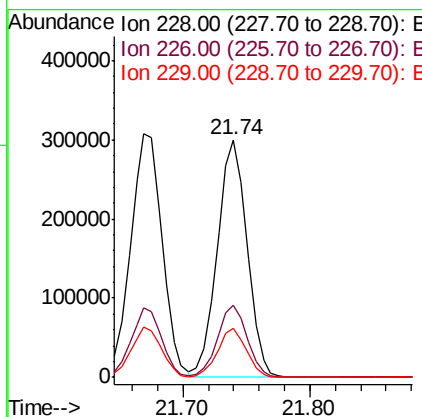
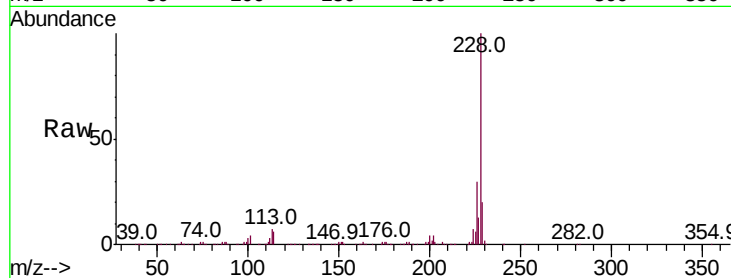




#83
 Chrysene
 Concen: 42.676 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

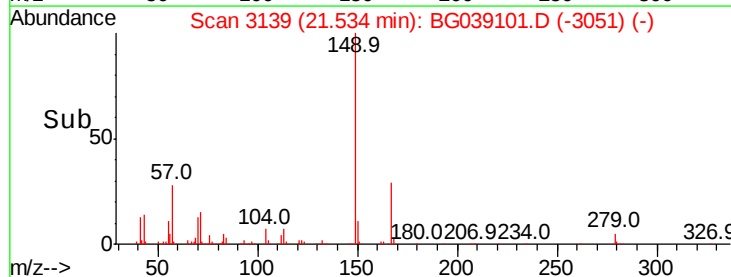
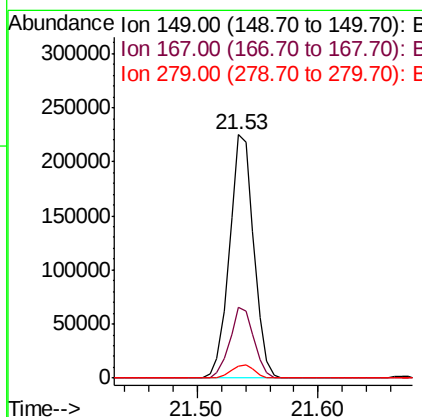
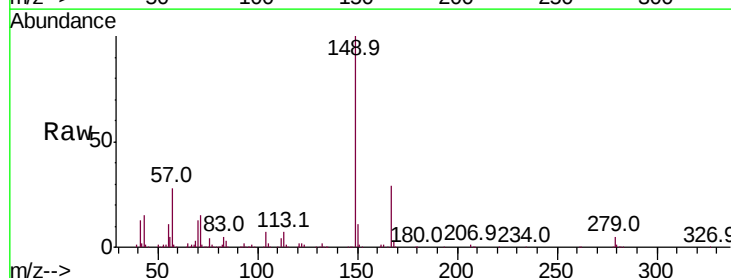
Instrument :
 BNA_G
 ClientSampleId :

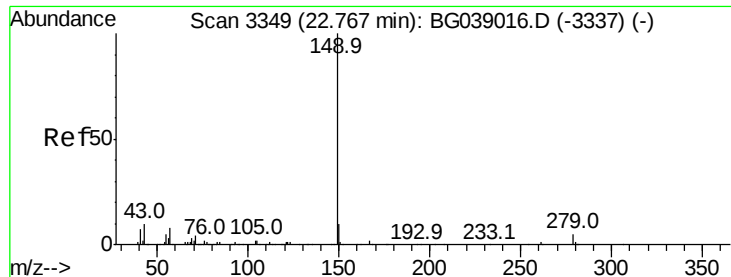
Tot Ion:228 Resp: 487781
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 20.5 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.258 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion:149 Resp: 313986
 Ion Ratio Lower Upper
 149 100
 167 29.1 25.0 37.4
 279 4.7 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 48.134 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

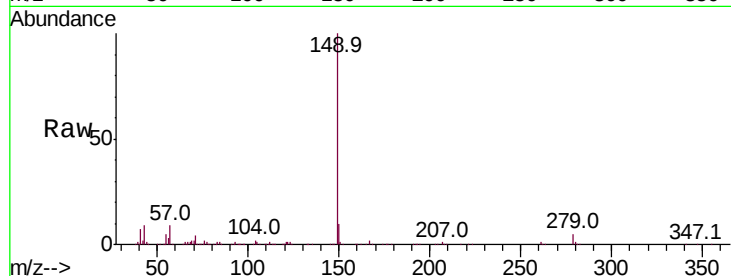
Tot Ion:149 Resp: 540762

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

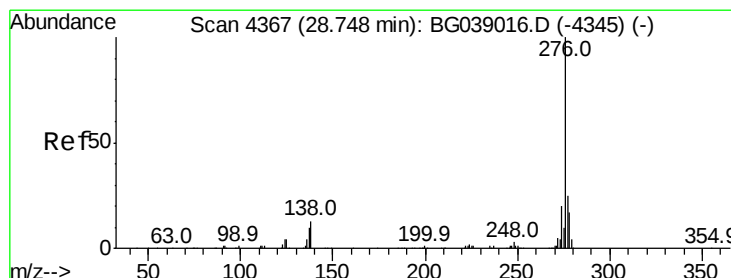
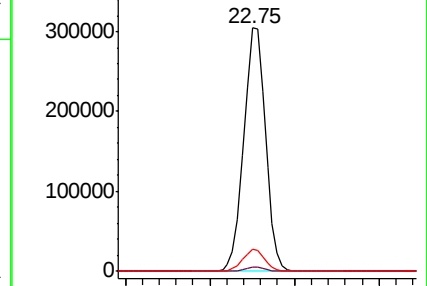
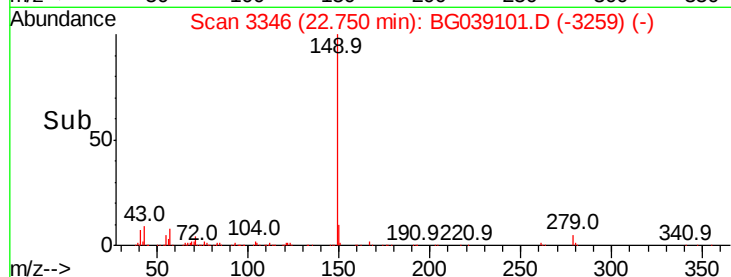
43 8.9 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.006 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

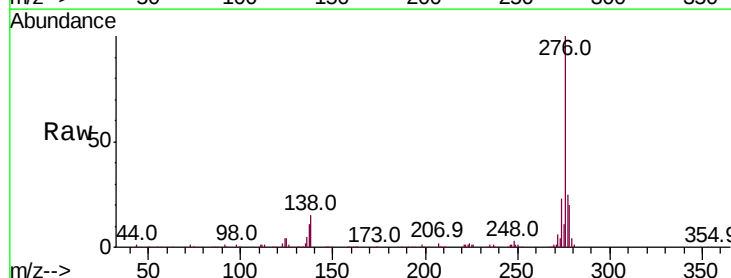
Tgt Ion:276 Resp: 601016

Ion Ratio Lower Upper

276 100

138 17.5 8.0 12.0#

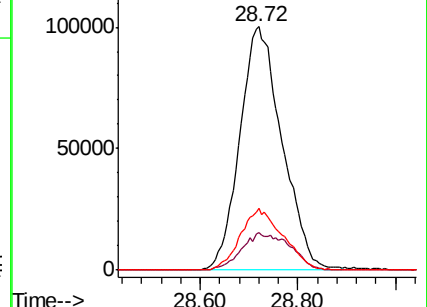
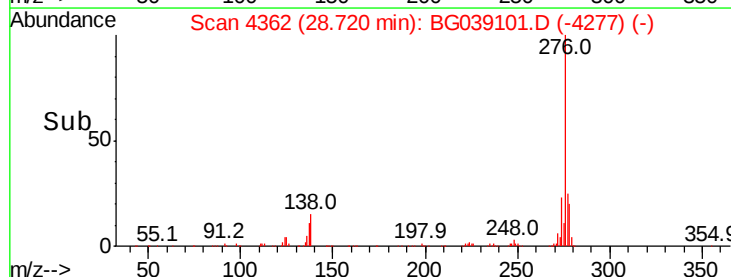
277 25.5 20.3 30.5

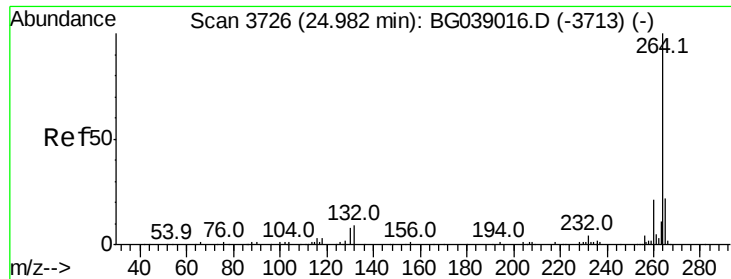


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

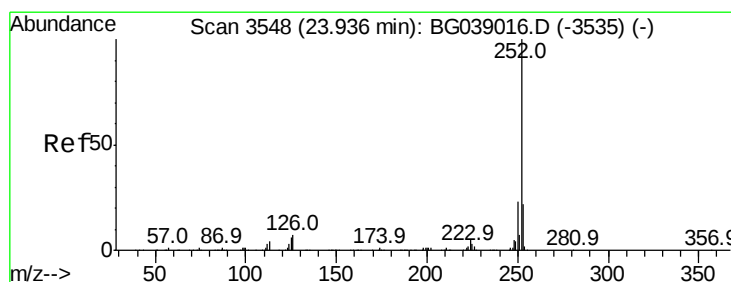
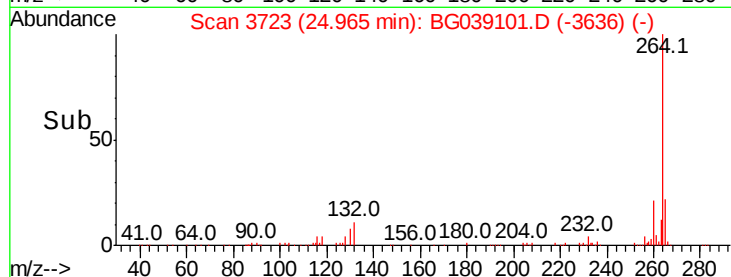
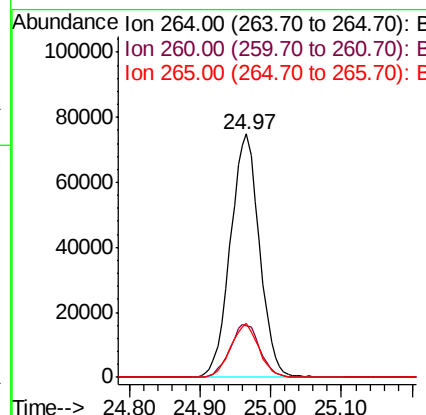
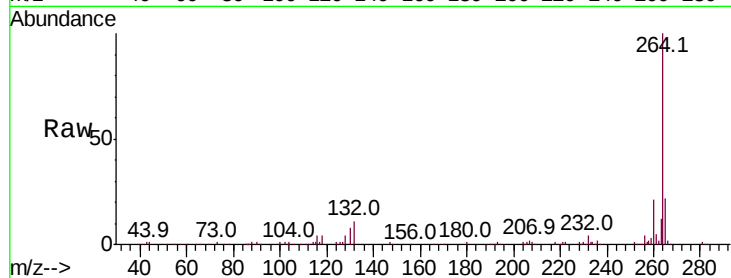




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

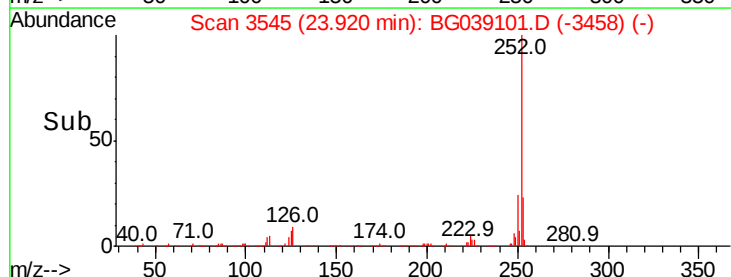
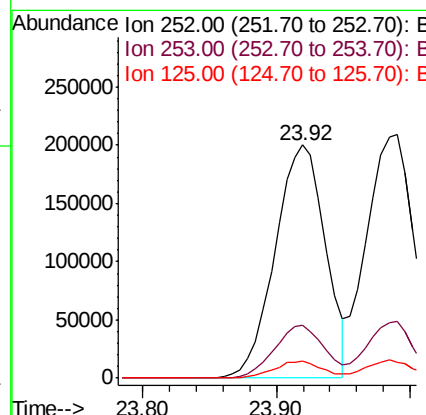
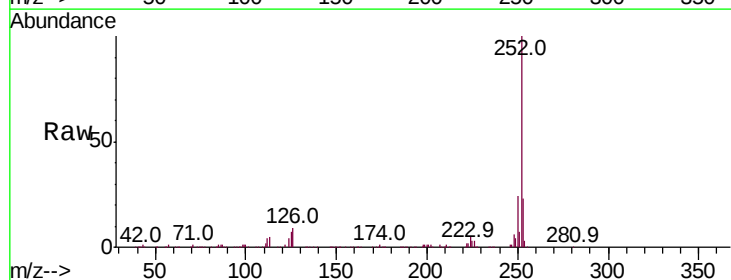
Instrument :
BNA_G
ClientSampleId :

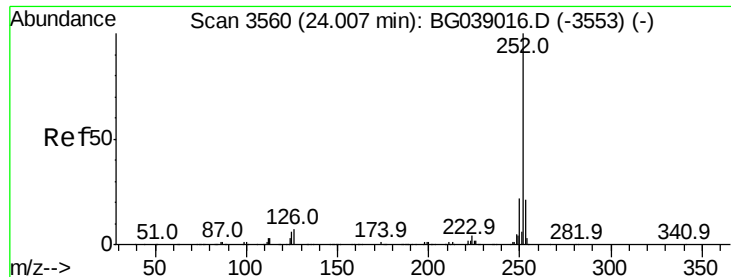
Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.0	25.6
265	22.4	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 44.313 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.02 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	7.2	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 44.257 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

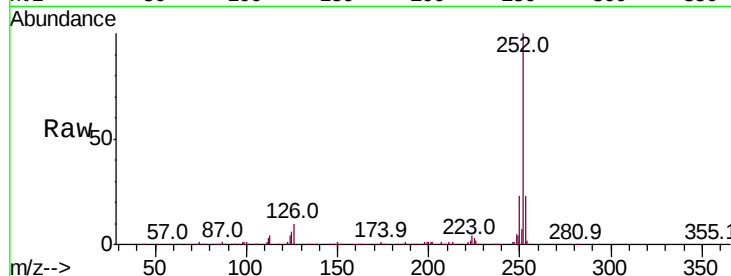
Tot Ion:252 Resp: 515438

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

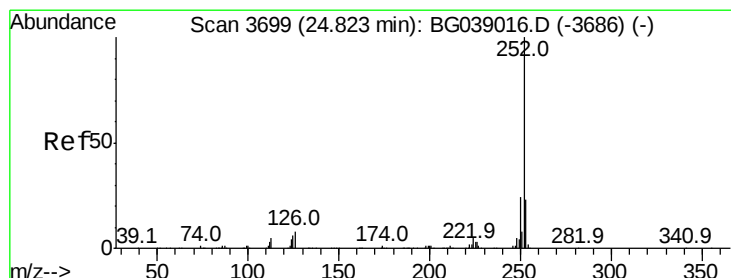
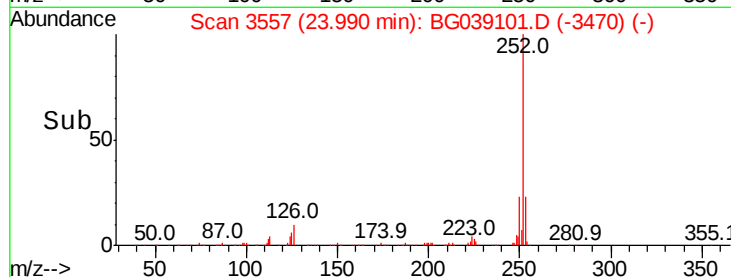
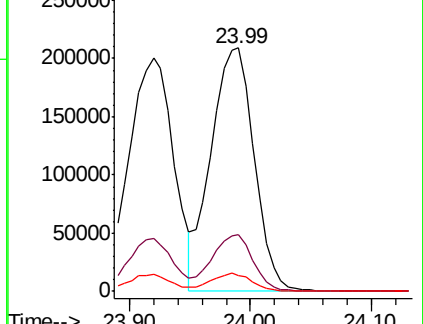
125 6.3 4.6 7.0



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: 44.510 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

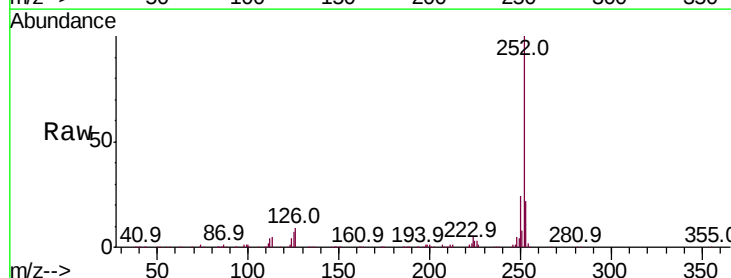
Tgt Ion:252 Resp: 506775

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

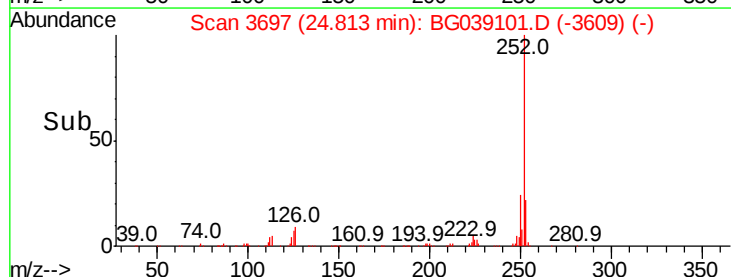
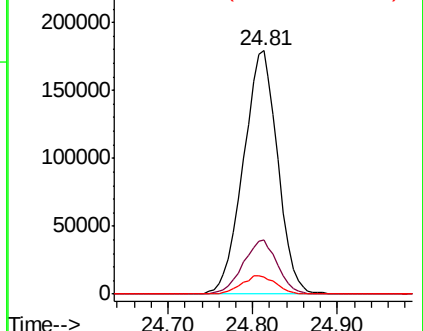
125 6.8 4.9 7.3

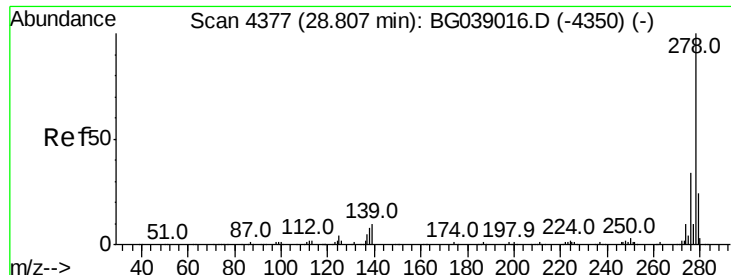


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.389 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

ClientSampleId :

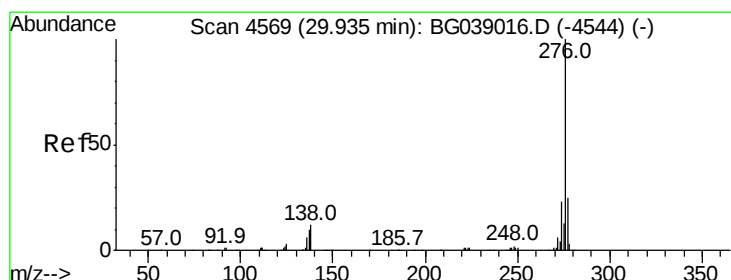
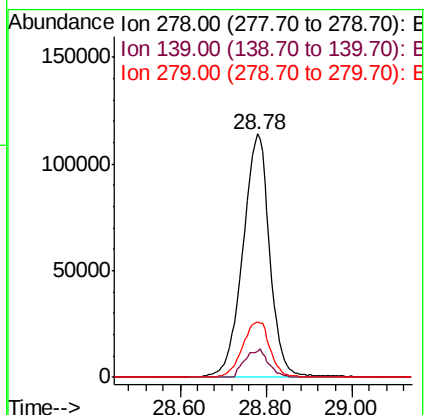
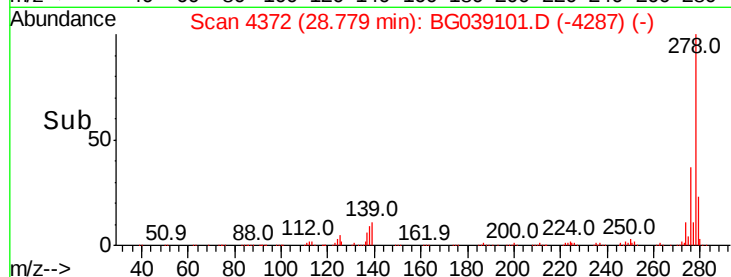
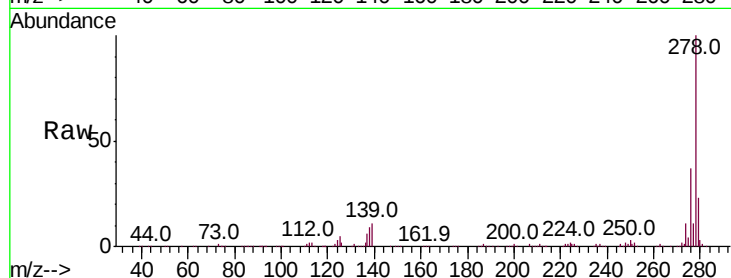
Tot Ion:278 Resp: 502698

Ion Ratio Lower Upper

278 100

139 10.9 7.9 11.9

279 23.0 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 45.077 ng

RT: 29.91 min Scan# 4564

Delta R.T. -0.03 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:276 Resp: 505384

Ion Ratio Lower Upper

276 100

277 23.9 20.3 30.5

138 14.4 9.4 14.2#

