

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
 Data File : BG039761.D
 Acq On : 5 Mar 2019 11:30
 Operator : JU/SJ
 Sample : K1688-02MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 12:26:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47684	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	210729	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	147567	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	365654	20.00	ng	0.00
76) Chrysene-d12	21.82	240	373559	20.00	ng	-0.01
87) Perylene-d12	25.19	264	384404	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	309018	110.56	ng	0.00
7) Phenol-d6	7.30	99	423797	101.69	ng	-0.01
23) Nitrobenzene-d5	9.33	82	287474	73.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	201182	116.97	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	702601	67.79	ng	-0.01
79) Terphenyl-d14	20.12	244	1203283	70.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	35836	27.771	ng	# 27
3) Pyridine	4.00	79	84324	24.409	ng	97
4) n-Nitrosodimethylamine	3.92	42	49512	30.211	ng	91
6) Aniline	7.48	93	46000	8.425	ng	97
8) 2-Chlorophenol	7.72	128	111130	32.773	ng	93
9) Benzaldehyde	7.30	77	75297	28.009	ng	100
10) Phenol	7.33	94	136120	30.149	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	109215	31.026	ng	96
12) 1,3-Dichlorobenzene	8.04	146	116899	30.482	ng	95
13) 1,4-Dichlorobenzene	8.20	146	118662	30.377	ng	96
14) 1,2-Dichlorobenzene	8.51	146	114350	30.297	ng	99
15) Benzyl Alcohol	8.39	79	108729	32.889	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	214324	30.443	ng	99
17) 2-Methylphenol	8.59	107	98234	34.123	ng	98
18) Hexachloroethane	9.24	117	42060	30.007	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	93685	31.231	ng	91
20) 3+4-Methylphenols	8.92	107	138052	34.519	ng	97
22) Acetophenone	8.99	105	173911	30.749	ng	# 94
24) Nitrobenzene	9.38	77	134966	33.019	ng	97
25) Isophorone	9.89	82	271300	33.231	ng	99
26) 2-Nitrophenol	10.09	139	65064	32.968	ng	99
27) 2,4-Dimethylphenol	10.13	122	120177	39.154	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	159865	32.222	ng	96
29) 2,4-Dichlorophenol	10.62	162	129208	37.389	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	123225	31.688	ng	99
31) Naphthalene	11.03	128	358769	32.156	ng	99
32) Benzoic acid	10.22	122	22577	15.839	ng	96
34) Hexachlorobutadiene	11.29	225	79314	29.848	ng	93
35) Caprolactam	11.91	113	21626	16.382	ng	# 84
36) 4-Chloro-3-methylphenol	12.24	107	140953	35.581	ng	97
37) 2-Methylnaphthalene	12.62	142	276484	33.146	ng	97
38) 1-Methylnaphthalene	12.84	142	268890	33.171	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	154119	30.829	ng	98
41) Hexachlorocyclopentadiene	12.95	237	187598	70.023	ng	100

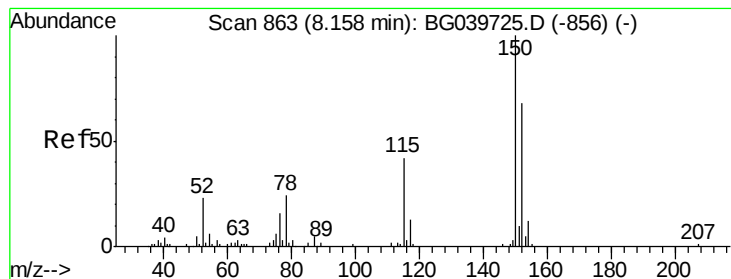
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.22	196	108950	37.225	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	118410	35.892	ng	99
46) 1,1'-Biphenyl	13.62	154	386501	31.844	ng	99
47) 2-Chloronaphthalene	13.67	162	298749	32.719	ng	98
48) 2-Nitroaniline	13.88	65	104856	35.734	ng	97
49) Acenaphthylene	14.51	152	482613	32.198	ng	99
50) Dimethylphthalate	14.23	163	415590	33.680	ng	100
51) 2,6-Dinitrotoluene	14.36	165	92654	35.420	ng	93
52) Acenaphthene	14.85	154	294196	32.611	ng	97
53) 3-Nitroaniline	14.69	138	12351	4.697	ng	# 96
54) 2,4-Dinitrophenol	14.89	184	44866	30.666	ng	99
55) Dibenzofuran	15.18	168	484921	32.762	ng	99
56) 4-Nitrophenol	14.99	139	137645	58.515	ng	92
57) 2,4-Dinitrotoluene	15.14	165	129339	35.188	ng	# 84
58) Fluorene	15.83	166	386897	33.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	117119	36.351	ng	98
60) Diethylphthalate	15.58	149	418096	34.228	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	205072	33.027	ng	95
62) 4-Nitroaniline	15.86	138	85550	30.010	ng	99
63) Azobenzene	16.11	77	373053	33.691	ng	96
65) 4,6-Dinitro-2-methylphenol	15.90	198	46670	21.587	ng	95
66) n-Nitrosodiphenylamine	16.03	169	364264	34.411	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	133922	32.721	ng	96
68) Hexachlorobenzene	16.82	284	141150	33.270	ng	99
69) Atrazine	16.97	200	143973	34.558	ng	97
70) Pentachlorophenol	17.17	266	154249	57.569	ng	99
71) Phenanthrene	17.57	178	658154	32.678	ng	99
72) Anthracene	17.66	178	669146	34.093	ng	100
73) Carbazole	17.93	167	586819	33.165	ng	98
74) Di-n-butylphthalate	18.46	149	707767	33.998	ng	99
75) Fluoranthene	19.57	202	786992	33.063	ng	97
77) Benzidine	19.75	184	44348	3.741	ng	97
78) Pyrene	19.93	202	792220	32.636	ng	99
80) Butylbenzylphthalate	20.80	149	327677	34.843	ng	95
81) Benzo(a)anthracene	21.79	228	756826	32.326	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	49469	5.787	ng	# 98
83) Chrysene	21.86	228	729201	32.127	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	458111	34.665	ng	99
85) Di-n-octyl phthalate	22.92	149	784589	35.856	ng	95
86) Indeno(1,2,3-cd)pyrene	29.06	276	865912	33.629	ng	# 96
88) Benzo(b)fluoranthene	24.11	252	759468	33.132	ng	98
89) Benzo(k)fluoranthene	24.18	252	732162	34.313	ng	100
90) Benzo(a)pyrene	25.03	252	739180	34.897	ng	98
91) Dibenzo(a,h)anthracene	29.14	278	704552	33.928	ng	97
92) Benzo(g,h,i)perylene	30.30	276	712014	34.140	ng	99

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

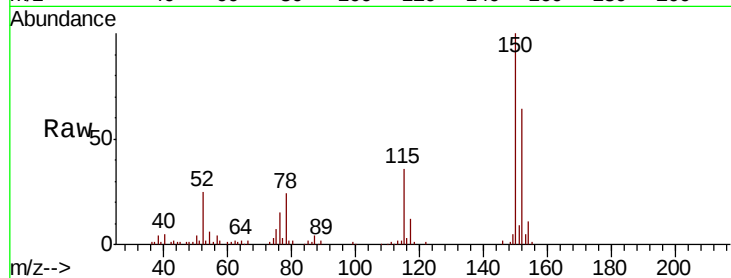


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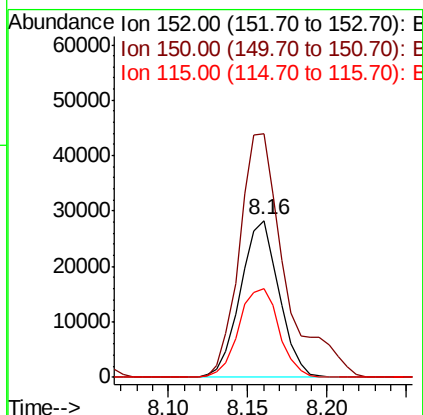
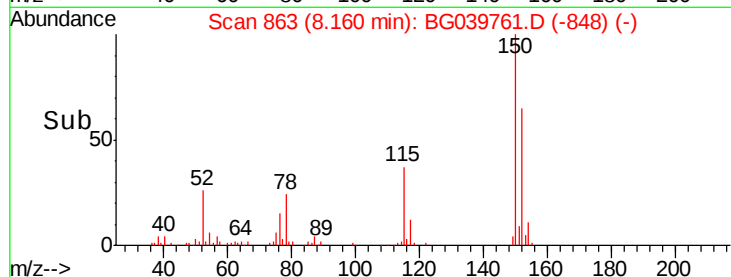
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 47684
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 56.4 45.9 68.9



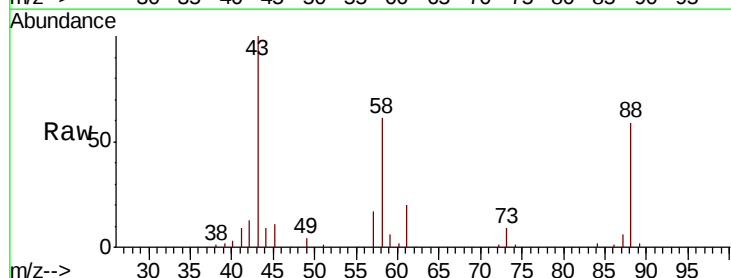
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



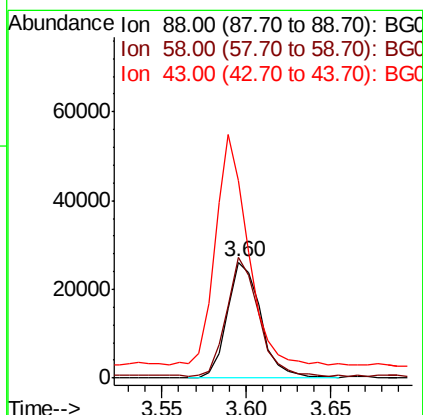
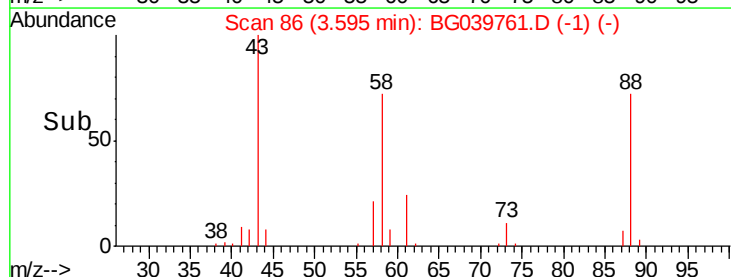
#2

1,4-Dioxane
Concen: 27.771 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion: 88 Resp: 35836
Ion Ratio Lower Upper
88 100
58 97.2 81.1 121.7
43 193.9 31.4 47.0#



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





#3

Pvridine

Concen: 24.409 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

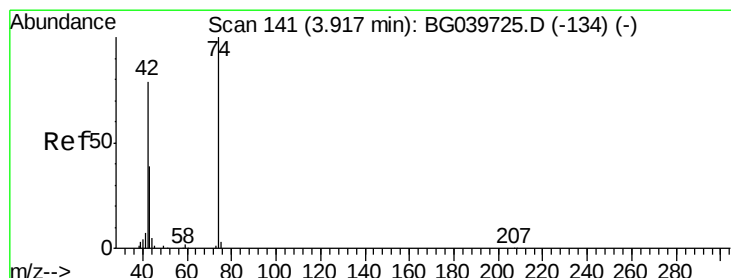
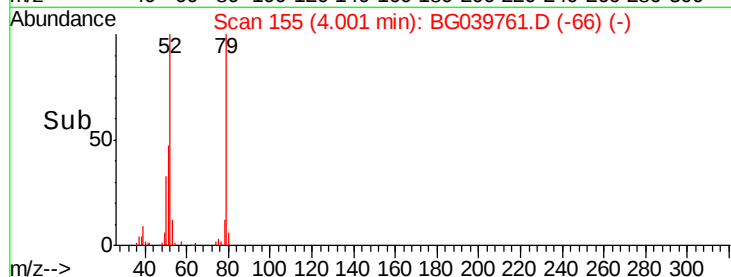
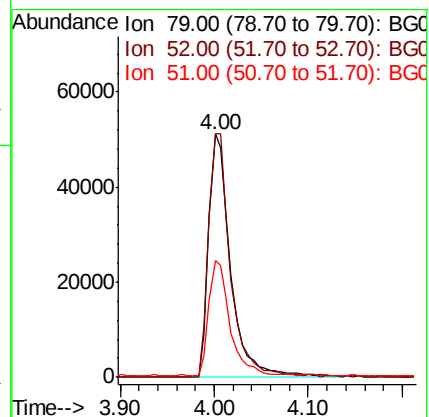
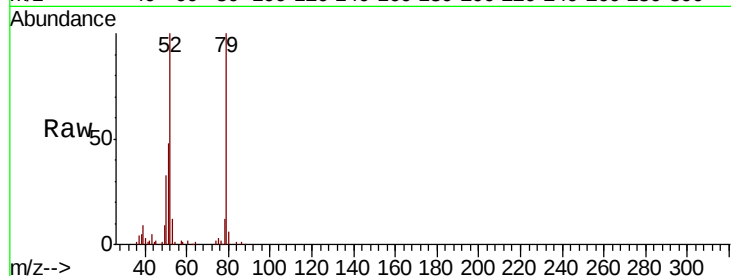
Tot Ion: 79 Resp: 84324

Ion Ratio Lower Upper

79 100

52 99.8 82.6 124.0

51 48.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 30.211 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

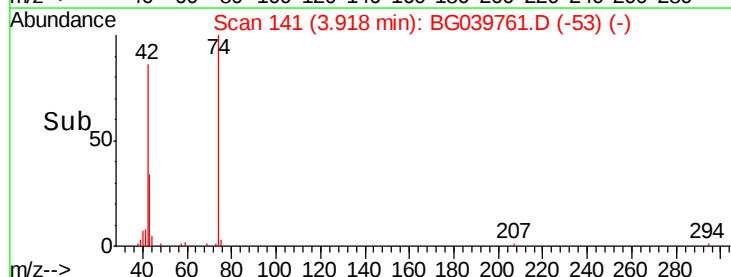
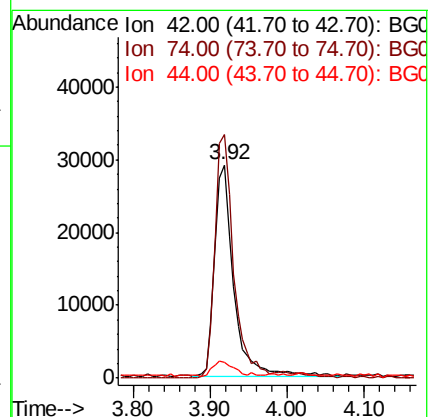
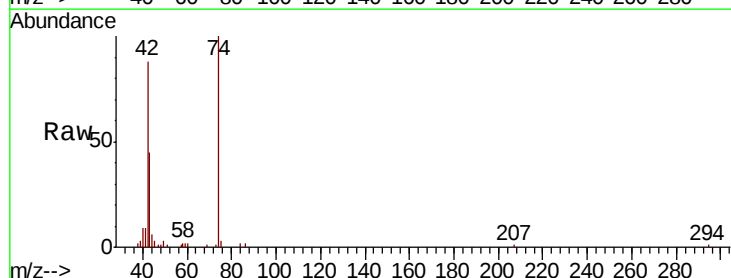
Tgt Ion: 42 Resp: 49512

Ion Ratio Lower Upper

42 100

74 114.0 83.6 125.4

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 110.559 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampled :

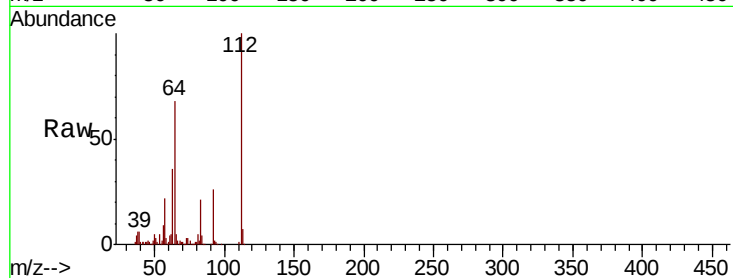
Tot Ion:112 Resp: 309018

Ion Ratio Lower Upper

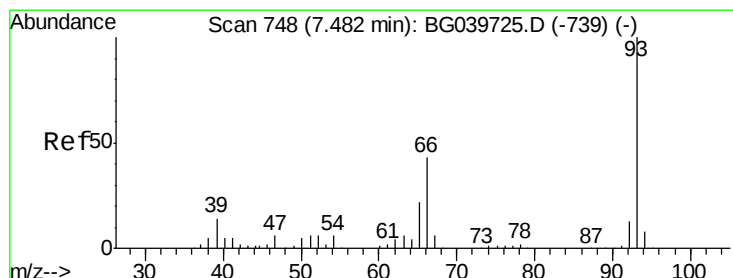
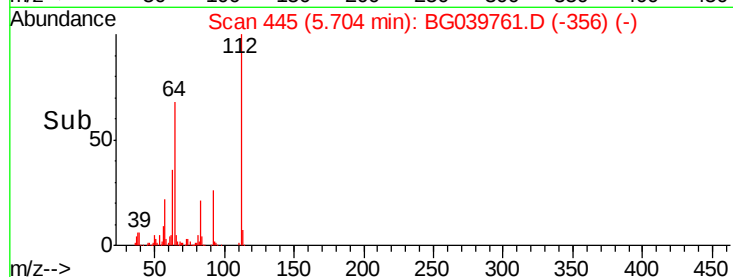
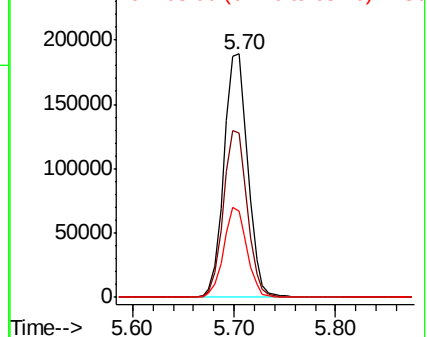
112 100

64 67.6 57.8 86.8

63 35.6 29.8 44.6



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



#6

Aniline

Concen: 8.425 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

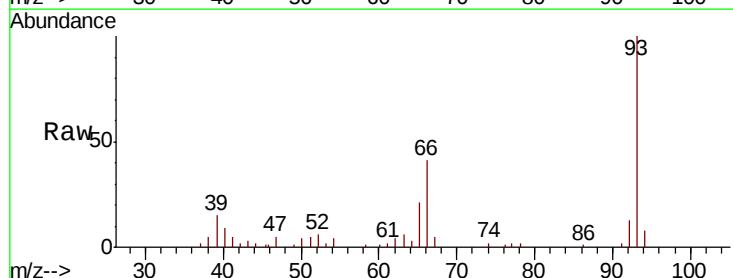
Tgt Ion: 93 Resp: 46000

Ion Ratio Lower Upper

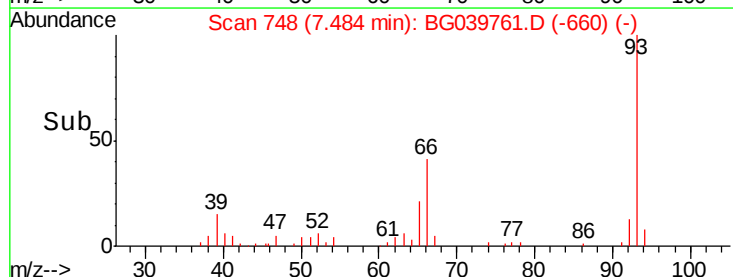
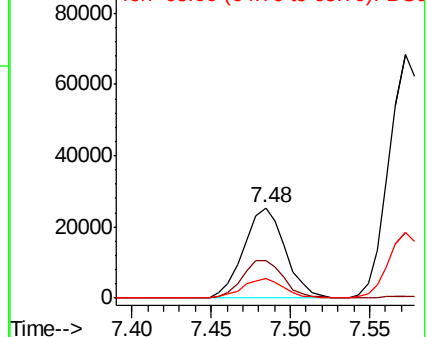
93 100

66 41.1 34.2 51.4

65 21.1 17.7 26.5



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





#7

Phenol-d6

Concen: 101.689 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

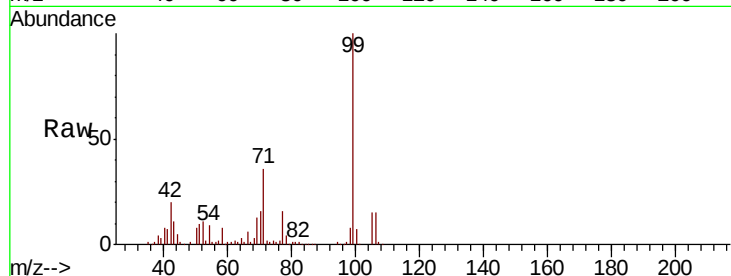
Tot Ion: 99 Resp: 423797

Ion Ratio Lower Upper

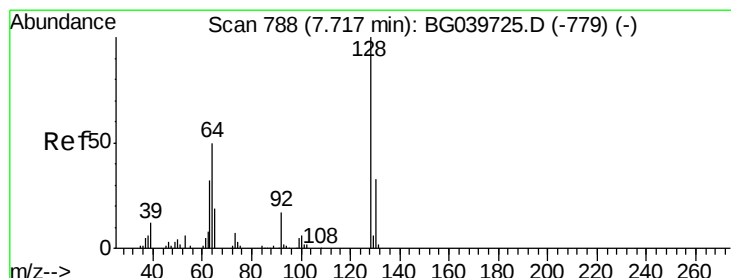
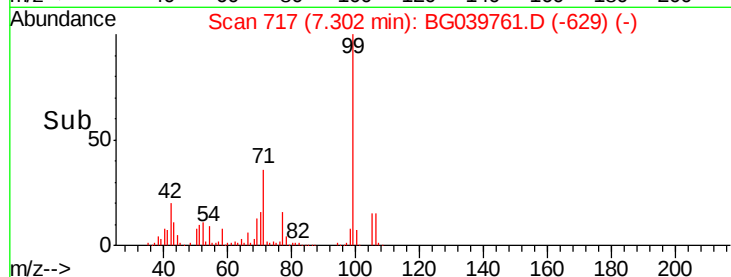
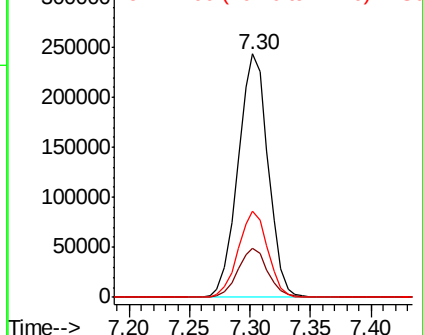
99 100

42 20.3 18.2 27.2

71 35.6 28.0 42.0



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



#8

2-Chlorophenol

Concen: 32.773 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

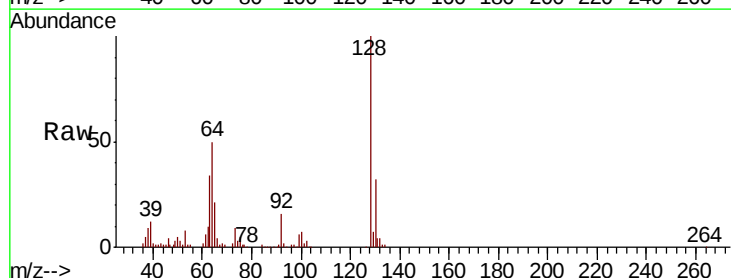
Tgt Ion:128 Resp: 111130

Ion Ratio Lower Upper

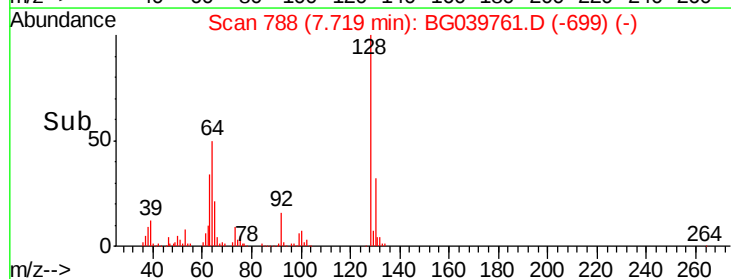
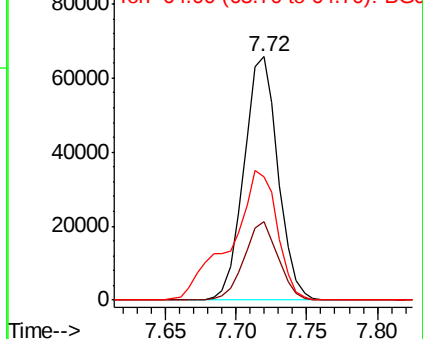
128 100

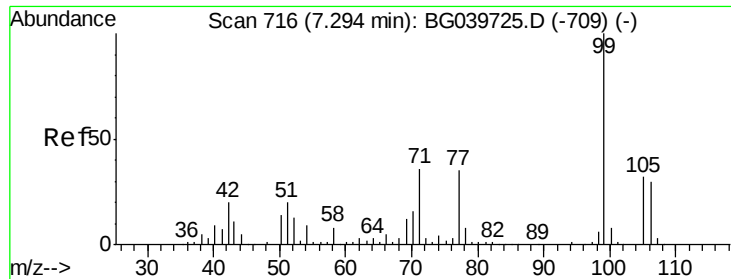
130 32.2 12.9 52.9

64 50.5 38.7 78.7



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





#9

Benzaldehyde

Concen: 28.009 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampled :

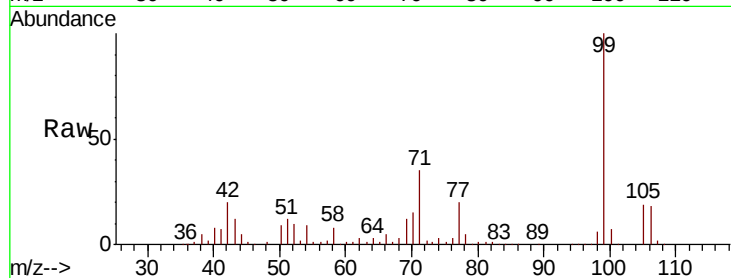
Tot Ion: 77 Resp: 75297

Ion Ratio Lower Upper

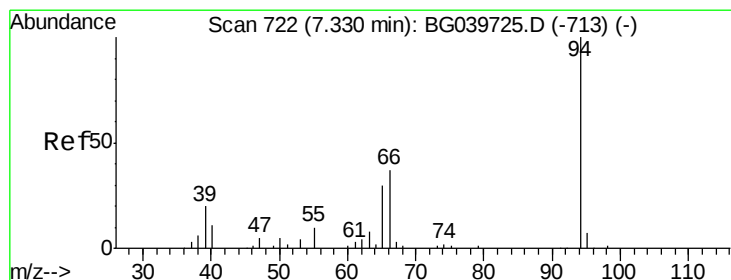
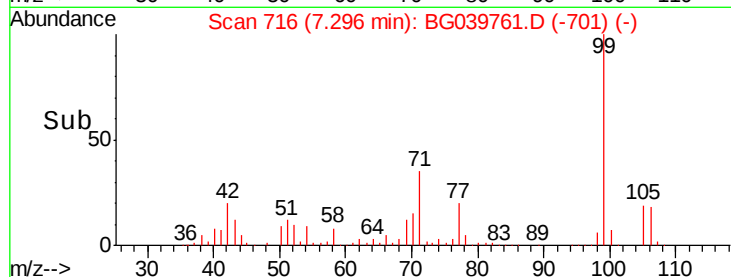
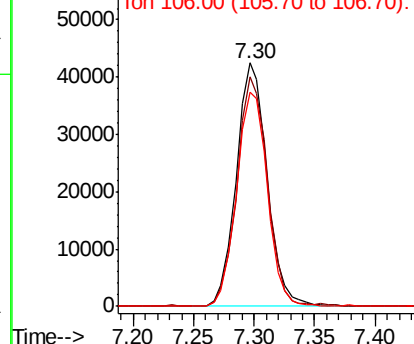
77 100

105 94.4 74.5 114.5

106 87.7 68.0 108.0



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



#10

Phenol

Concen: 30.149 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

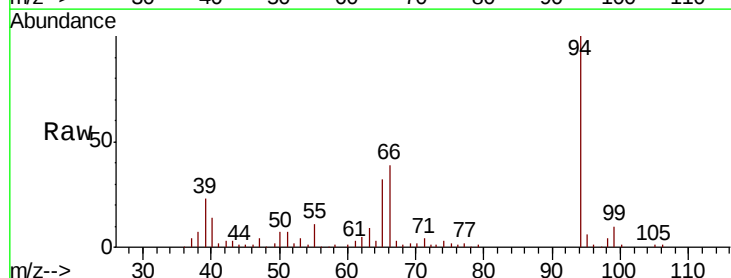
Tgt Ion: 94 Resp: 136120

Ion Ratio Lower Upper

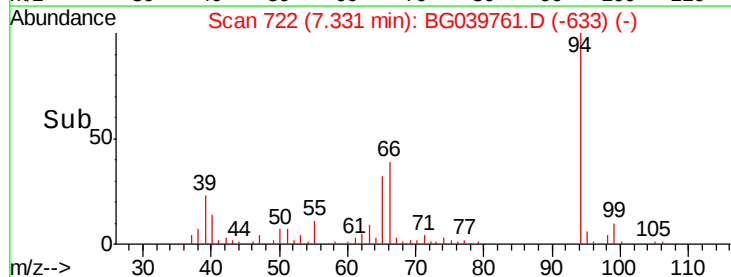
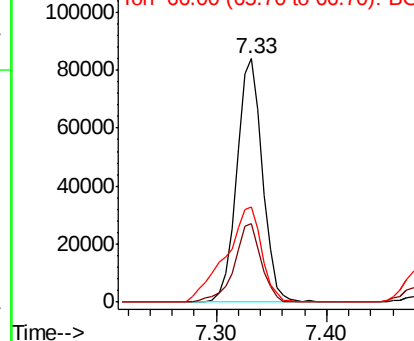
94 100

65 32.1 11.7 51.7

66 39.0 23.7 63.7



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

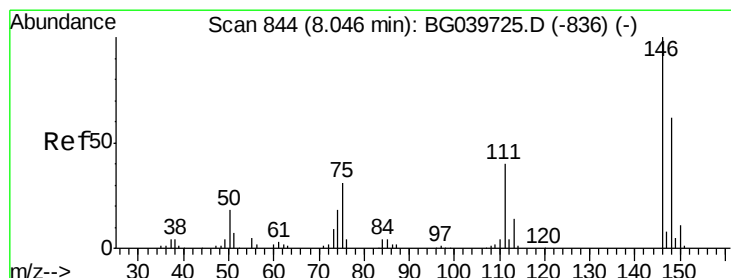
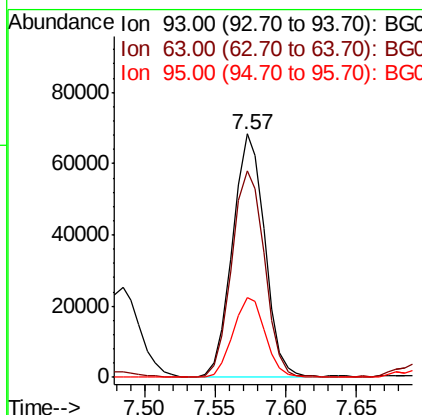
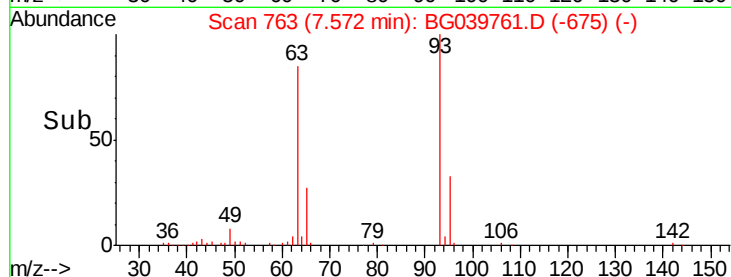
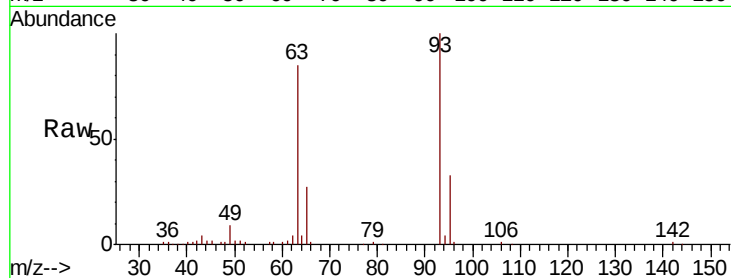




#11
bis(2-Chloroethyl)ether
Concen: 31.026 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

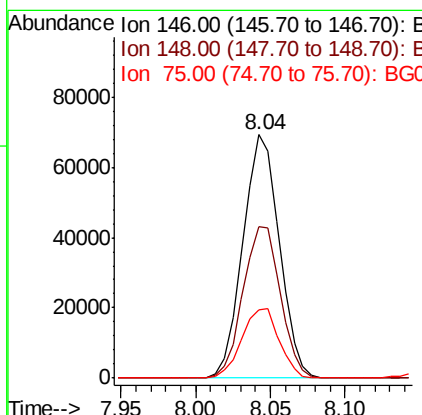
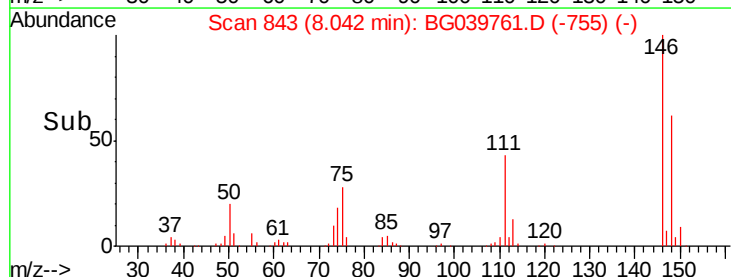
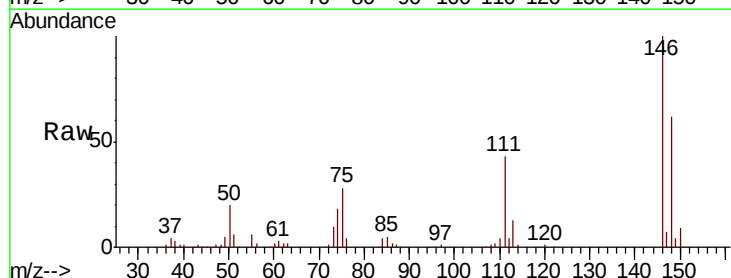
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 109215
Ion Ratio Lower Upper
93 100
63 85.0 69.5 109.5
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 30.482 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion: 146 Resp: 116899
Ion Ratio Lower Upper
146 100
148 62.4 52.6 79.0
75 28.0 25.8 38.6

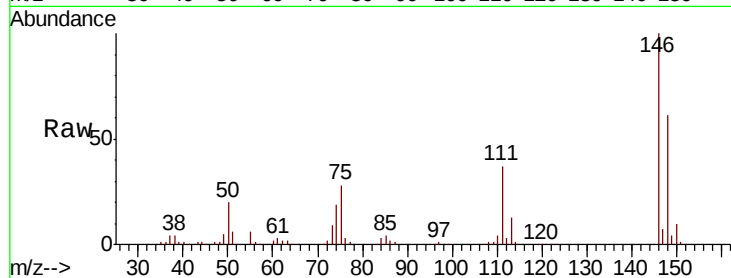




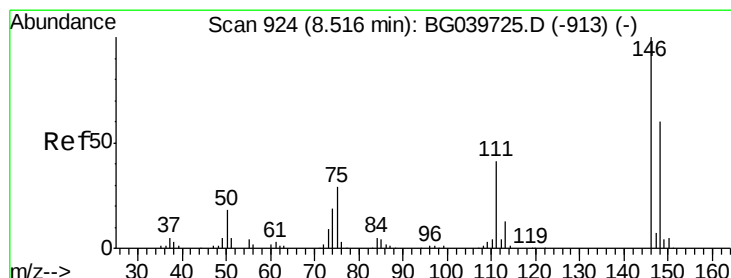
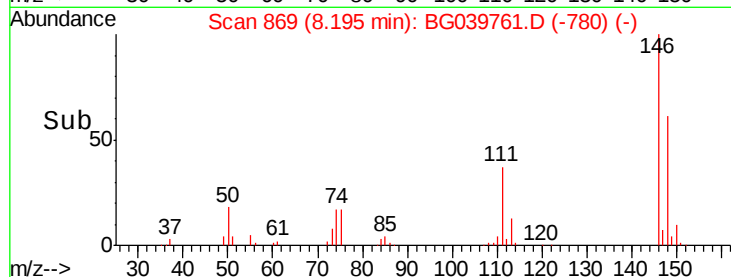
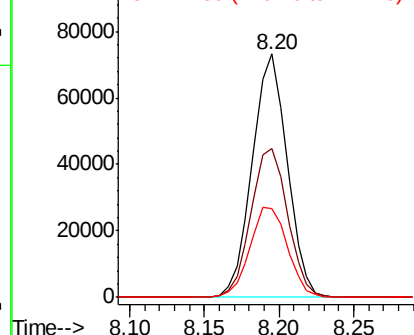
#13
 1,4-Dichlorobenzene
 Concen: 30.377 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 118662
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.1 76.7
 111 36.7 32.6 48.8

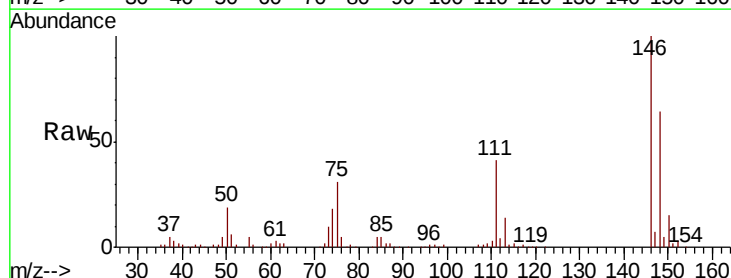


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

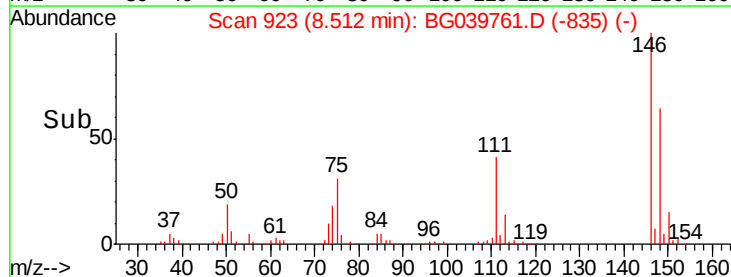
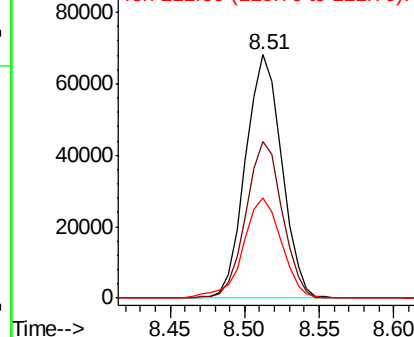


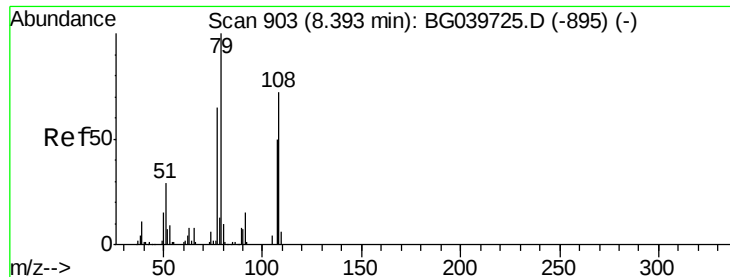
#14
 1,2-Dichlorobenzene
 Concen: 30.297 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt Ion:146 Resp: 114350
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.5 77.3
 111 41.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 32.889 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

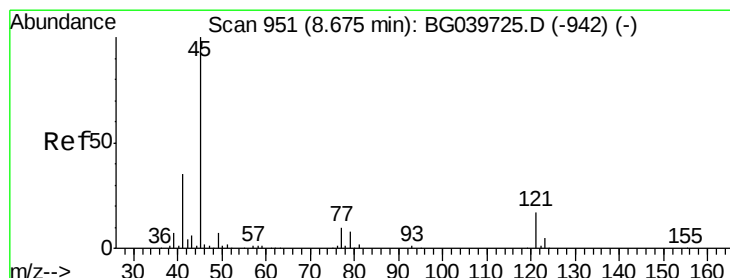
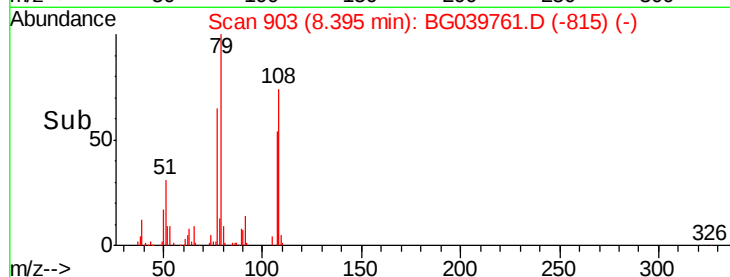
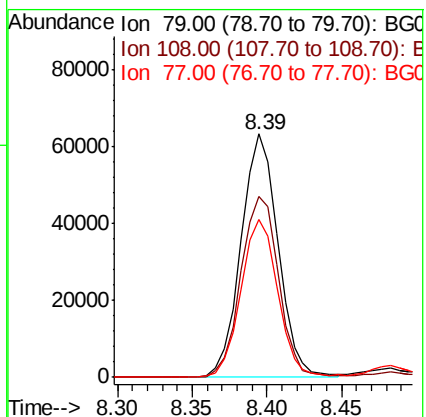
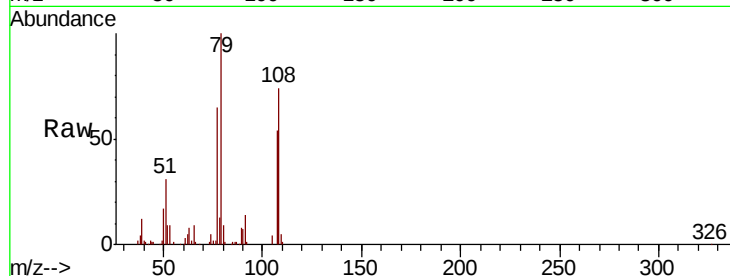
Tot Ion: 79 Resp: 108729

Ion Ratio Lower Upper

79 100

108 74.4 57.8 86.6

77 64.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.443 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

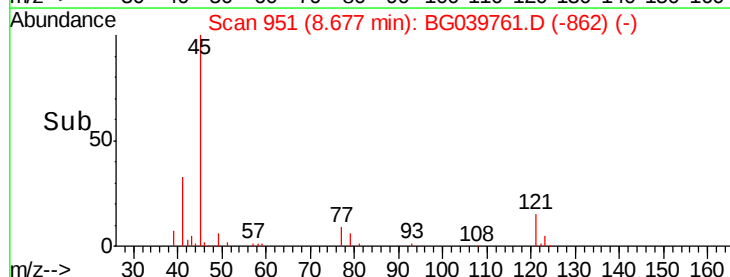
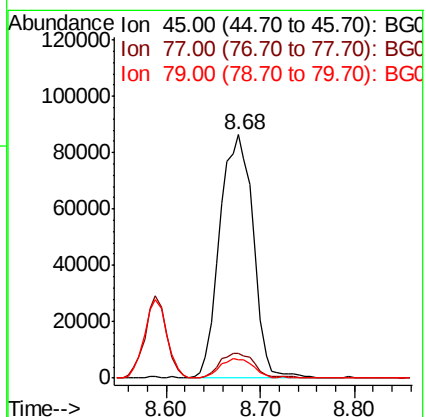
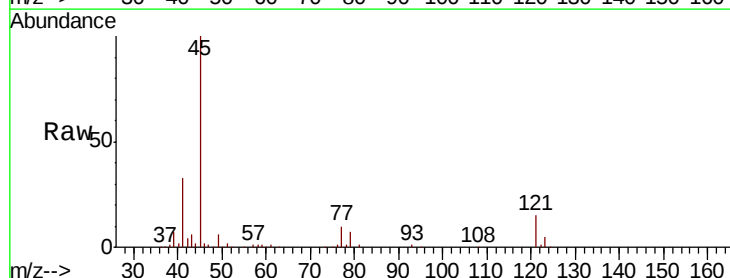
Tgt Ion: 45 Resp: 214324

Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.0

79 7.4 0.0 27.5

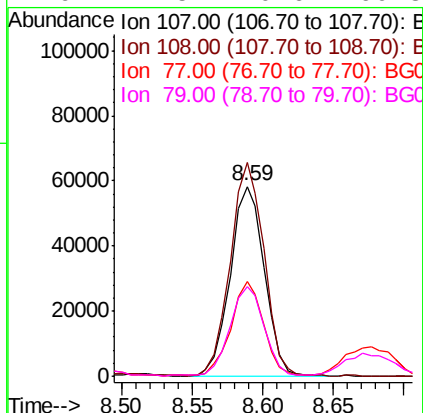
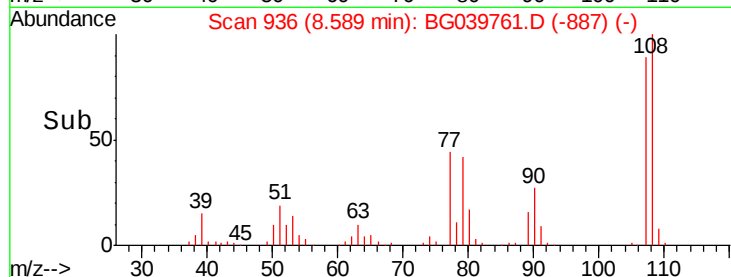
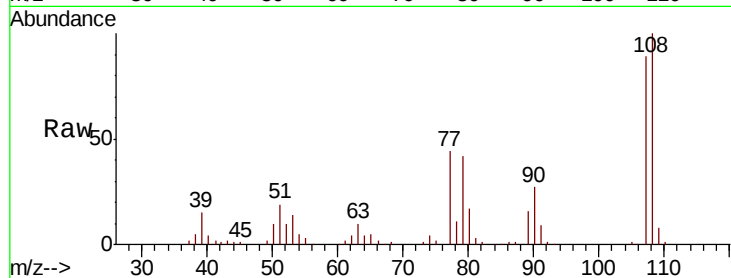




#17
 2-Methylphenol
 Concen: 34.123 ng
 RT: 8.59 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

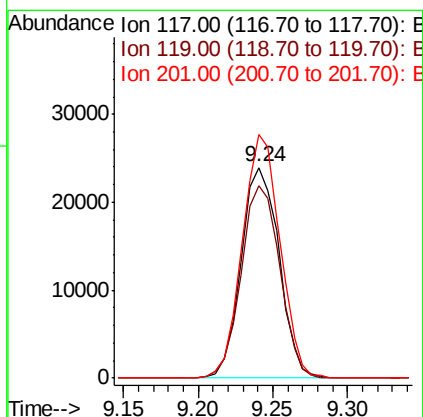
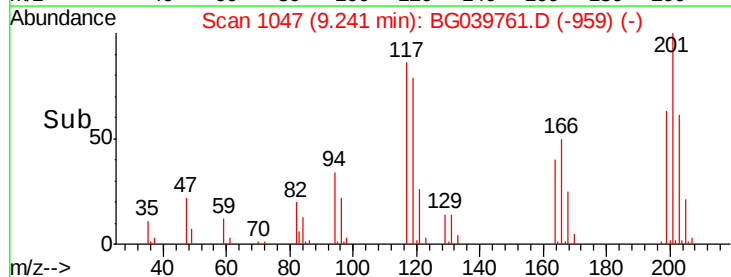
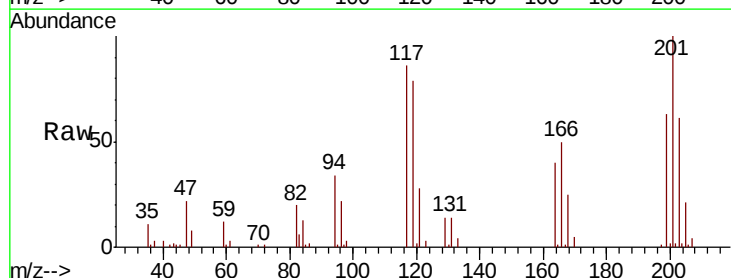
Instrument :
 BNA_G
 ClientSampleId :

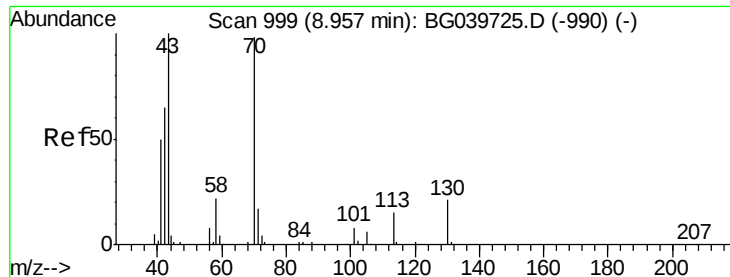
Tot Ion:	107	Resp:	98234
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.8	136.2
77	50.0	40.7	61.1
79	47.5	40.6	60.8



#18
 Hexachloroethane
 Concen: 30.007 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt Ion:	117	Resp:	42060
Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.3	114.5
201	115.7	91.1	136.7

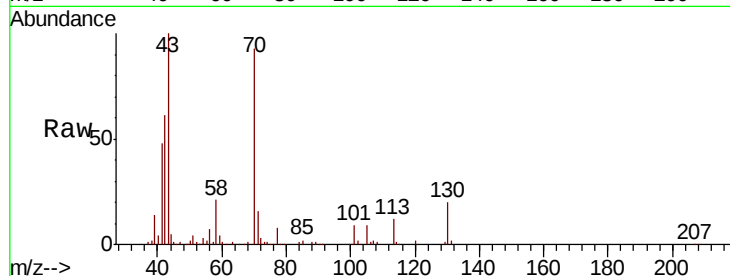




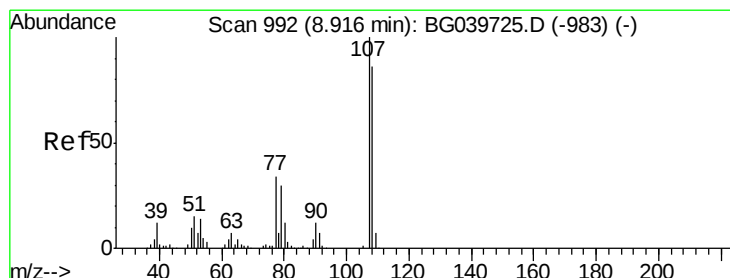
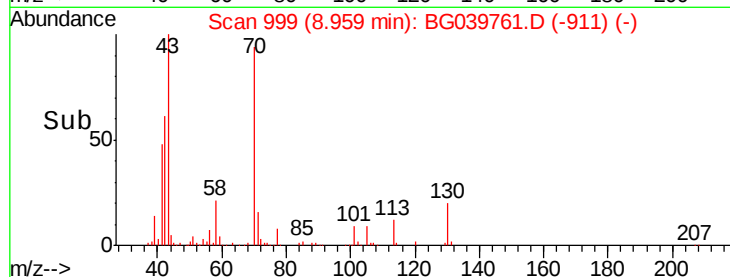
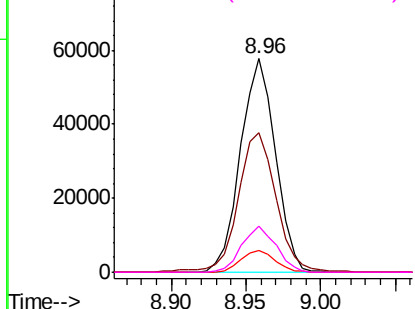
#19
n-Nitroso-di-n-propylamine
Concen: 31.231 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	93685
Ion	Ratio	Lower	Upper
70	100		
42	65.2	60.4	90.6
101	10.0	7.5	11.3
130	21.3	16.9	25.3

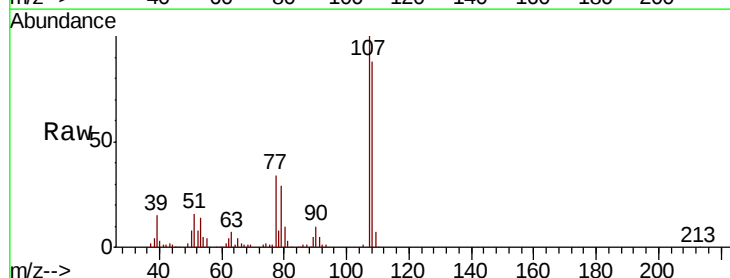


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

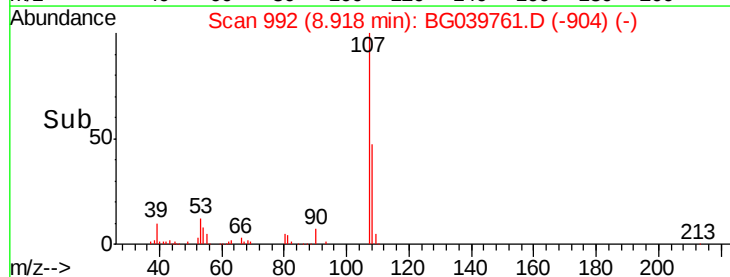
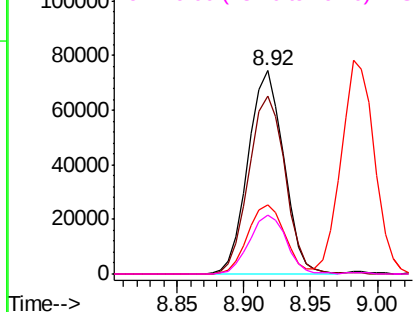


#20
3+4-Methylphenols
Concen: 34.519 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:	107	Resp:	138052
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.9	107.9
77	34.1	15.4	55.4
79	28.7	13.7	53.7



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

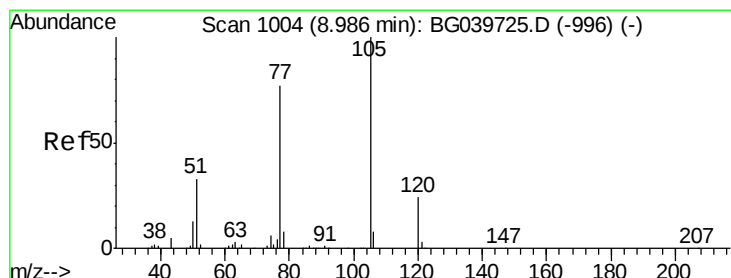
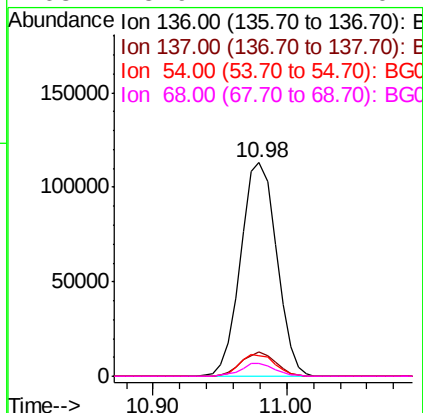
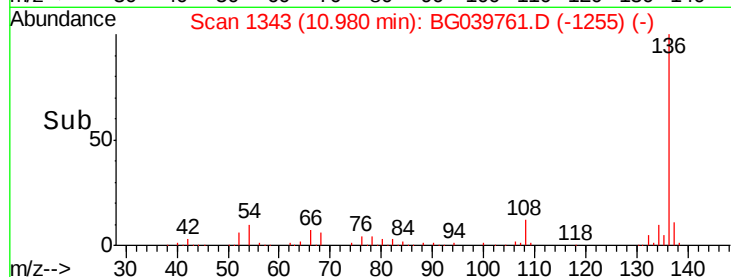
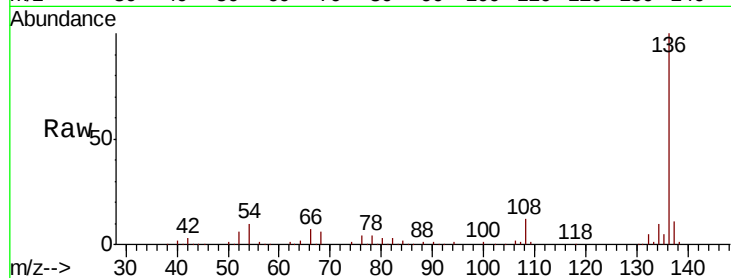




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

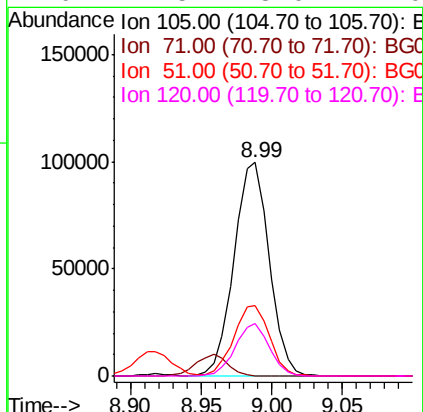
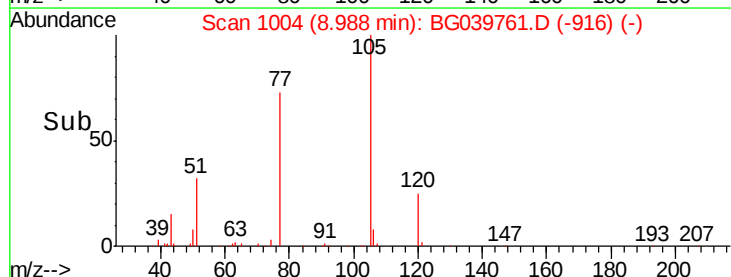
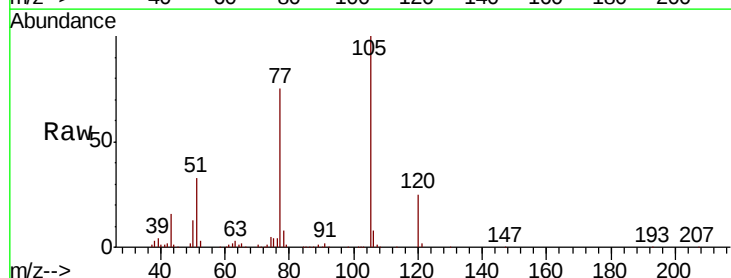
Instrument :
BNA_G
ClientSampleId :

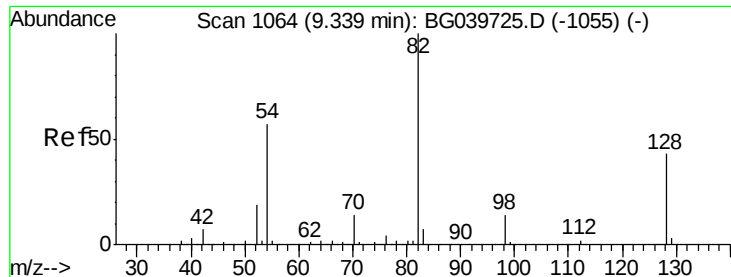
Tot Ion:136	Resp:	210729	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.1	13.7	
54 9.9	9.4	14.2	
68 5.9	4.2	6.4	



#22
Acetophenone
Concen: 30.749 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt	Ion:105	Resp:	173911
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	33.2	30.2	45.2
120	24.5	18.0	27.0

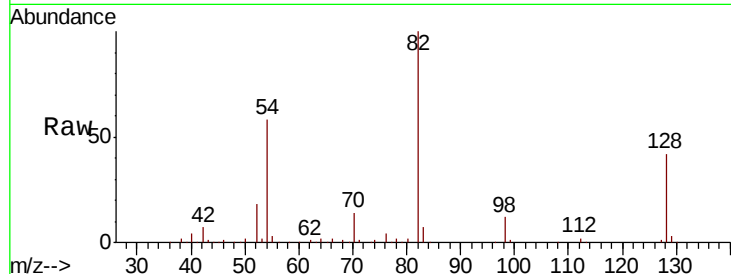




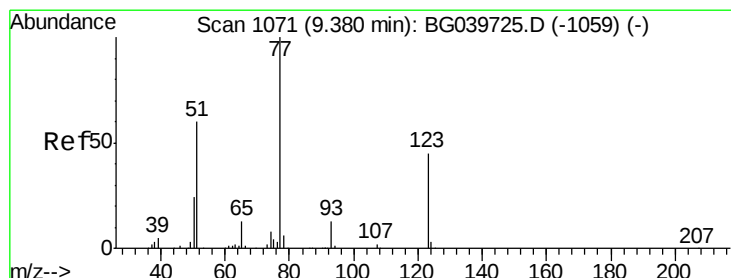
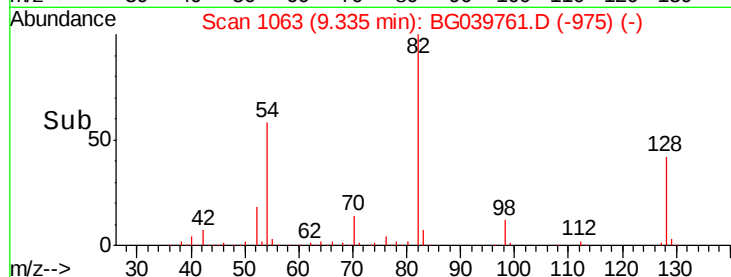
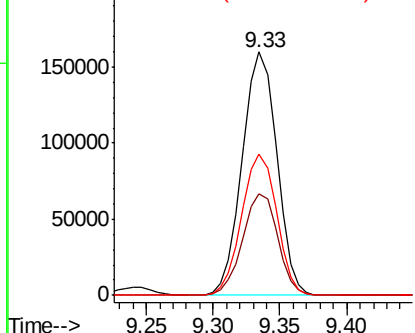
#23
Nitrobenzene-d5
Concen: 73.781 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 287474
Ion Ratio Lower Upper
82 100
128 41.8 31.3 46.9
54 57.9 50.9 76.3

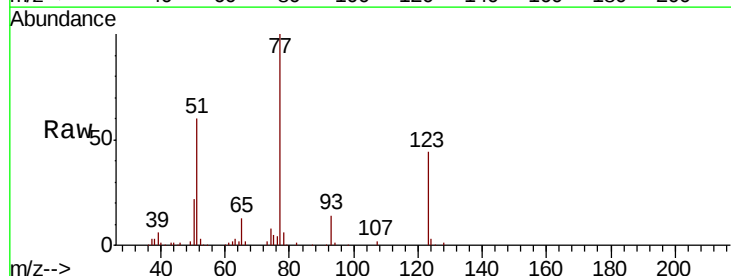


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

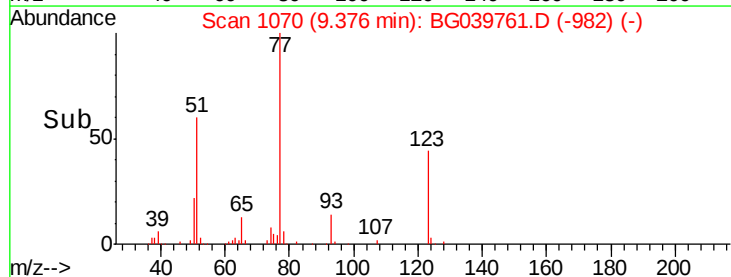
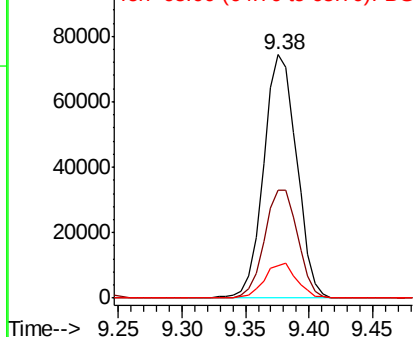


#24
Nitrobenzene
Concen: 33.019 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion: 77 Resp: 134966
Ion Ratio Lower Upper
77 100
123 44.2 34.1 51.1
65 13.3 12.3 18.5



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: 33.231 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

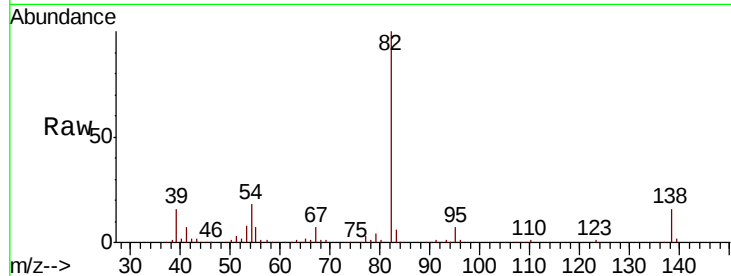
Tot Ion: 82 Resp: 271300

Ion Ratio Lower Upper

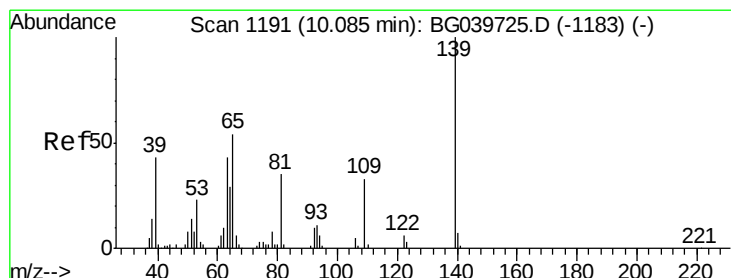
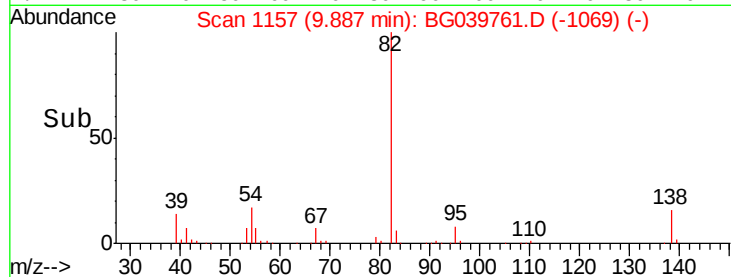
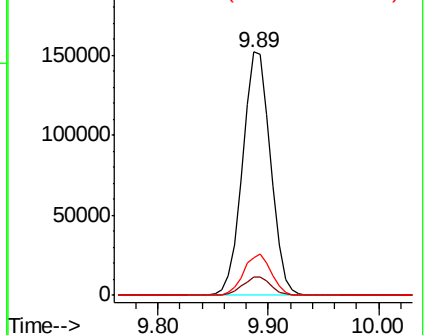
82 100

95 7.5 6.2 9.2

138 15.7 13.0 19.4



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



#26

2-Nitrophenol

Concen: 32.968 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

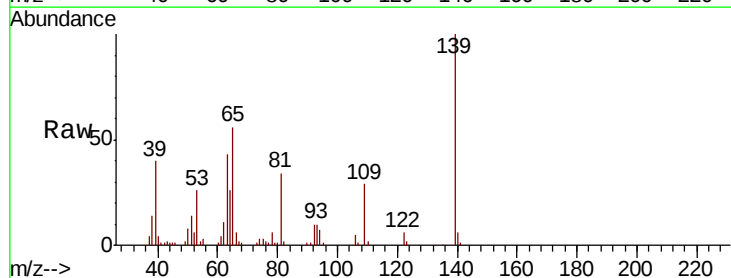
Tgt Ion: 139 Resp: 65064

Ion Ratio Lower Upper

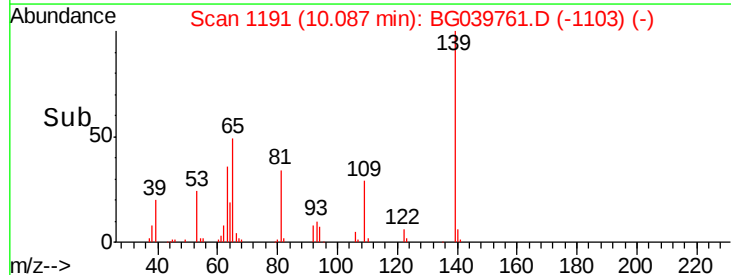
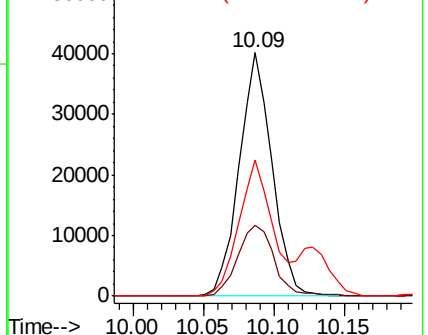
139 100

109 28.9 23.4 35.0

65 56.0 44.3 66.5



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

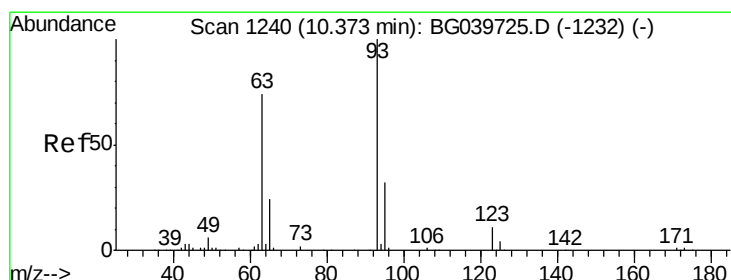
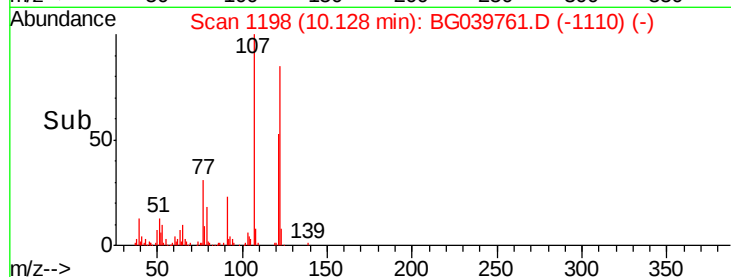
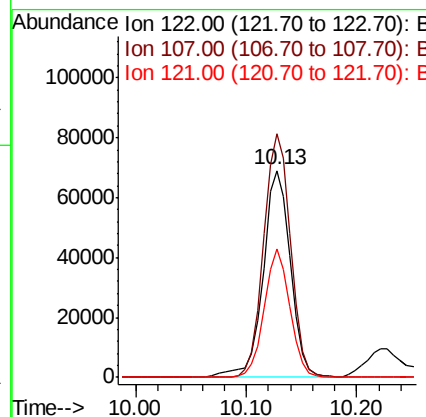
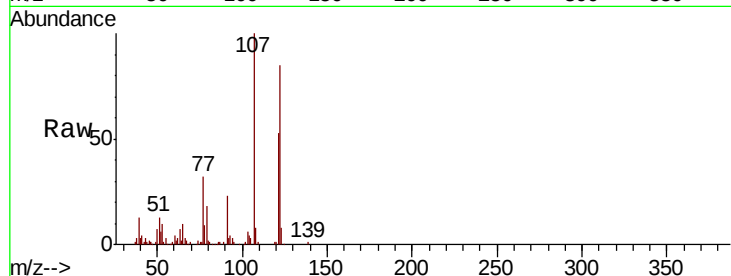




#27
2,4-Dimethylphenol
Concen: 39.154 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

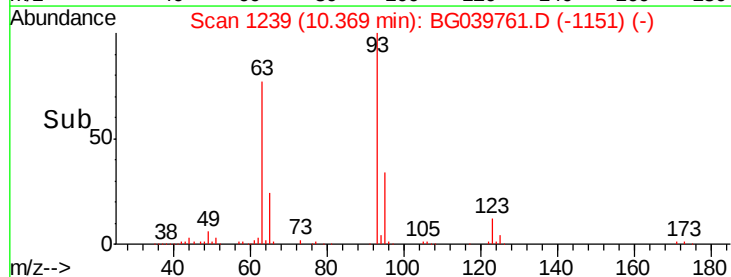
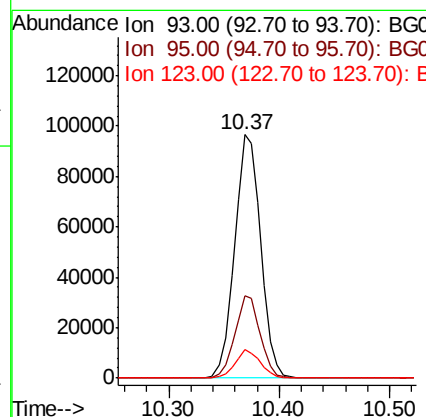
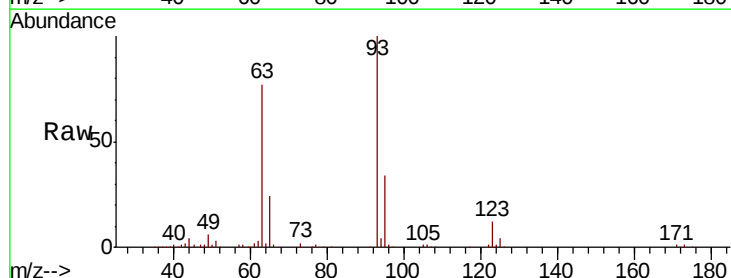
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	91.7	137.5
121	62.1	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 32.222 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.0	37.4
123	11.5	8.6	12.8

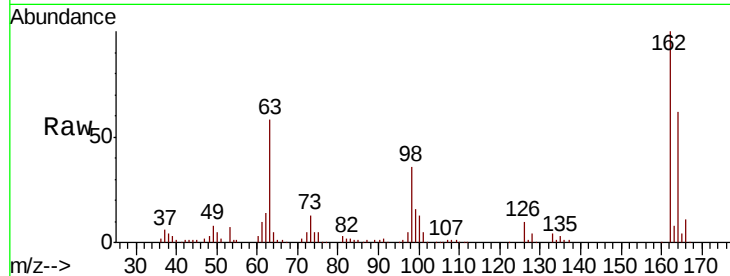




#29
 2,4-Dichlorophenol
 Concen: 37.389 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	129208
Ion Ratio	Lower	Upper	
162	100		
164	62.2	48.1	88.1
98	36.0	18.1	58.1

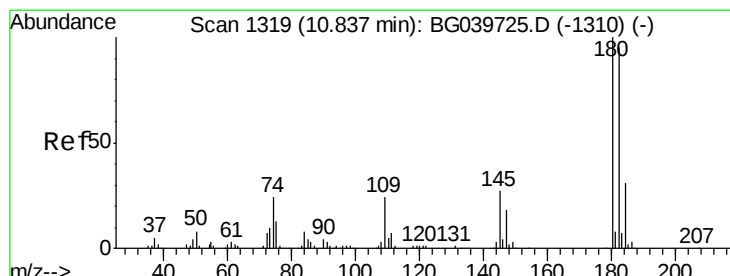
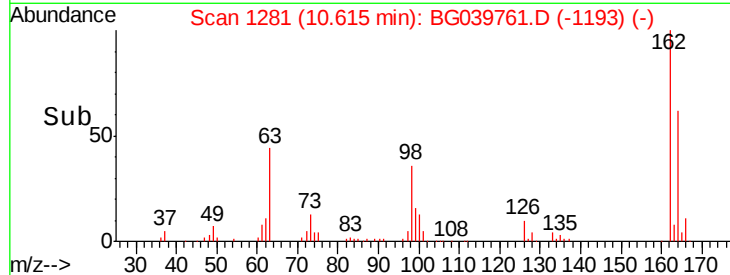
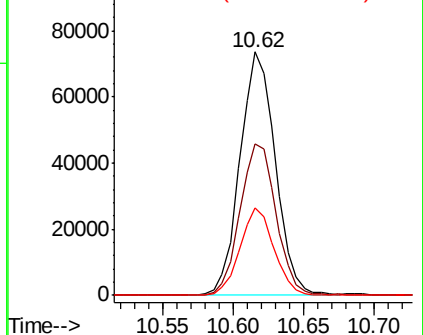


Abundance

Ion 162.00 (161.70 to 162.70): E

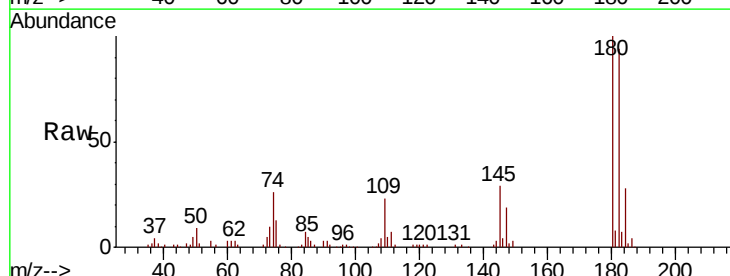
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 31.688 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt Ion	180	Resp	123225
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.0	114.0
145	29.3	22.7	34.1

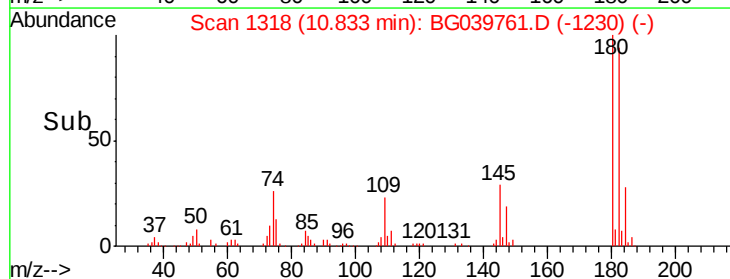
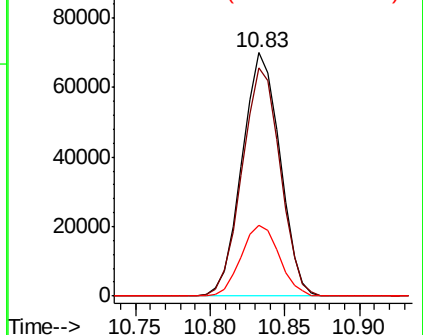


Abundance

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

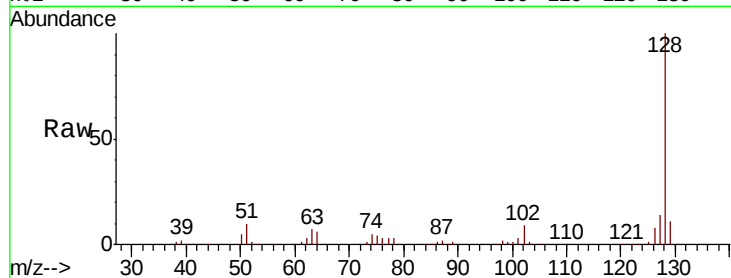




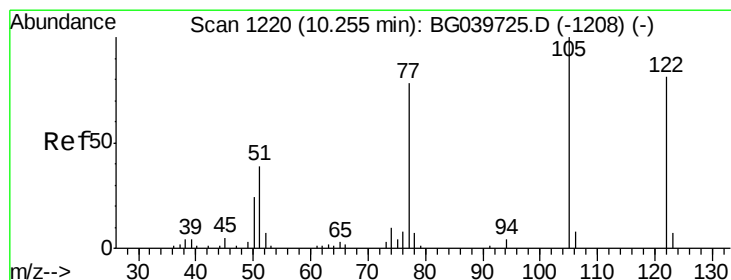
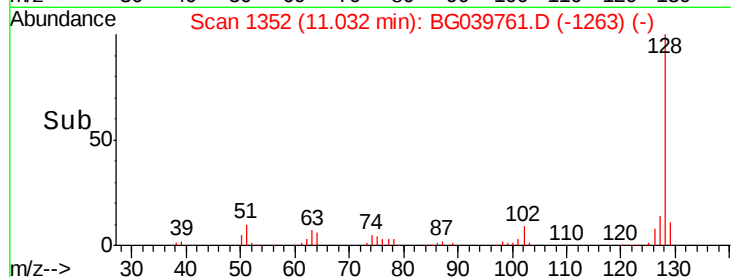
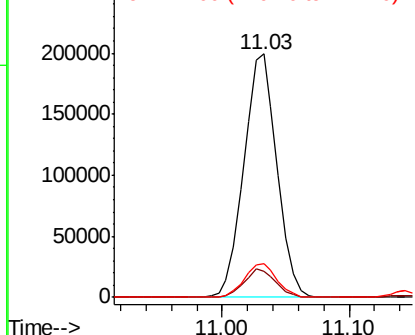
#31
Naphthalene
Concen: 32.156 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 358769
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.1 10.8 16.2

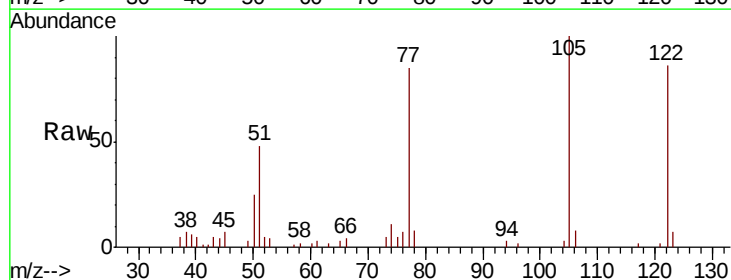


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

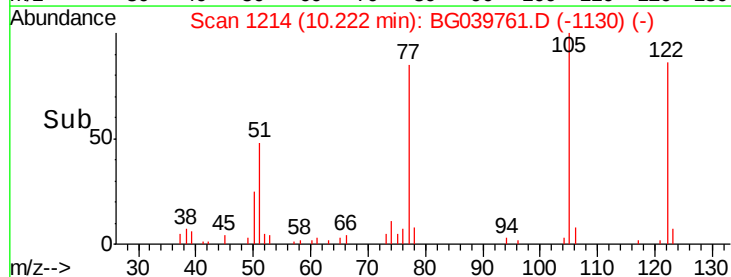
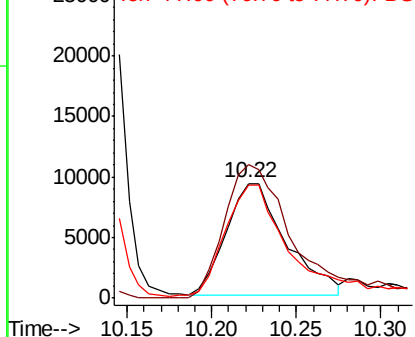


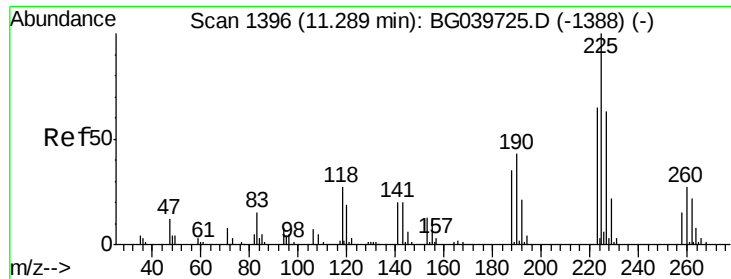
#32
Benzoic acid
Concen: 15.839 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:122 Resp: 22577
Ion Ratio Lower Upper
122 100
105 116.0 101.8 141.8
77 98.4 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

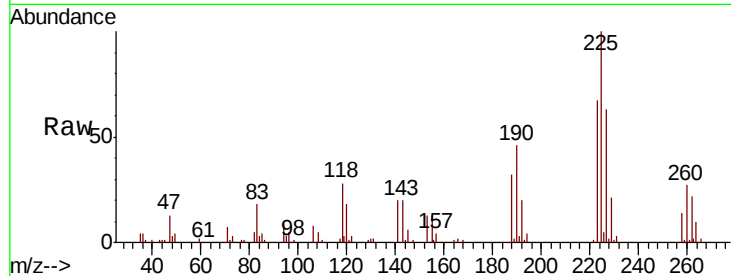




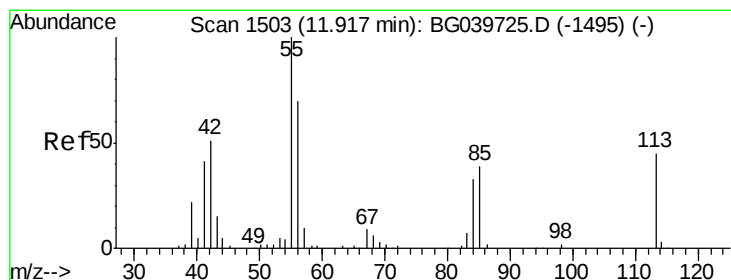
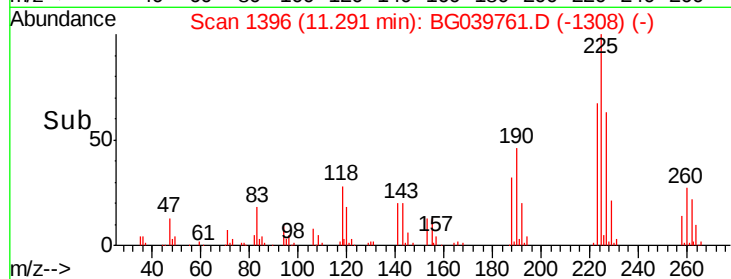
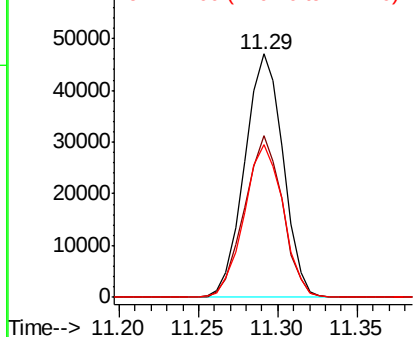
#34
Hexachlorobutadiene
Concen: 29.848 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 79314
Ion Ratio Lower Upper
225 100
223 66.5 49.0 73.6
227 62.5 46.3 69.5

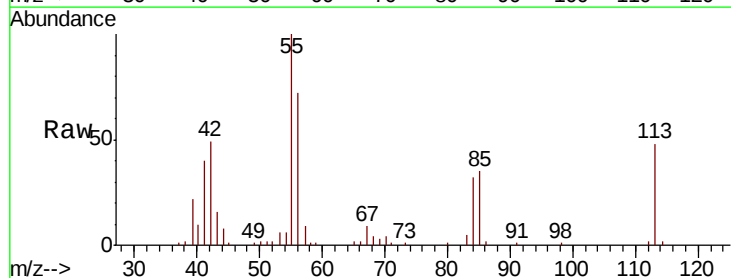


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

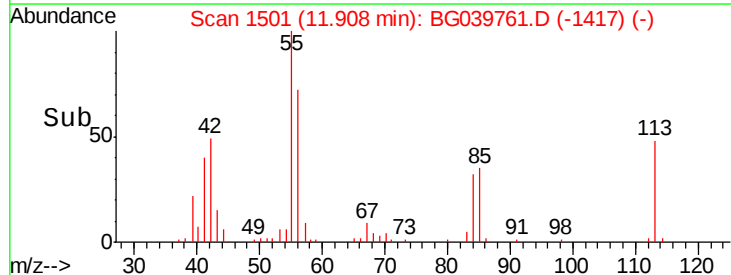
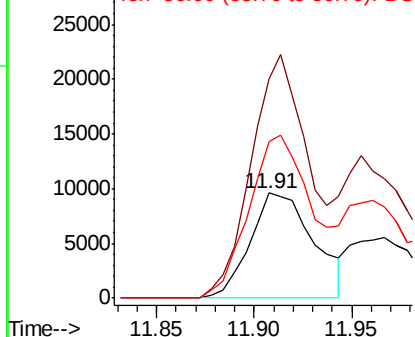


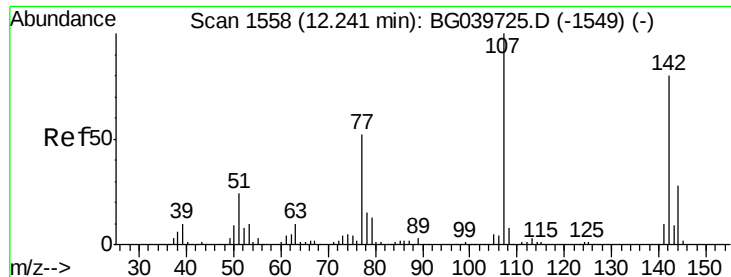
#35
Caprolactam
Concen: 16.382 ng
RT: 11.91 min Scan# 1501
Delta R.T. -0.03 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:113 Resp: 21626
Ion Ratio Lower Upper
113 100
55 209.6 216.9 256.9#
56 149.9 152.6 192.6#



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

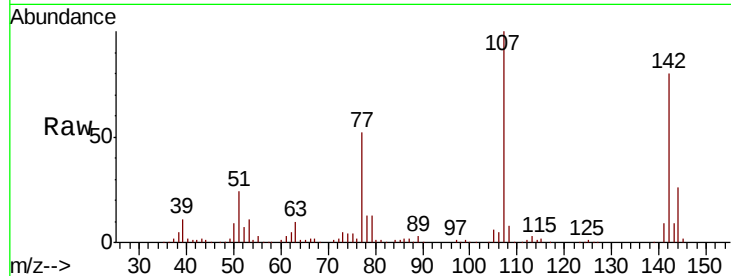




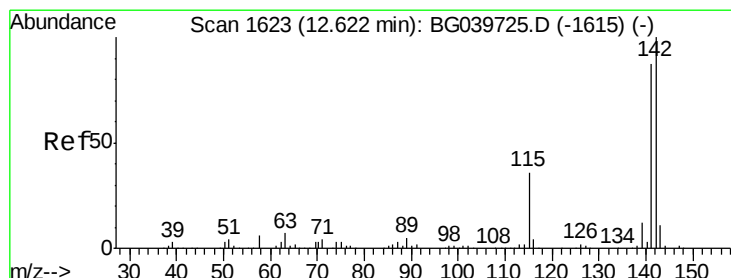
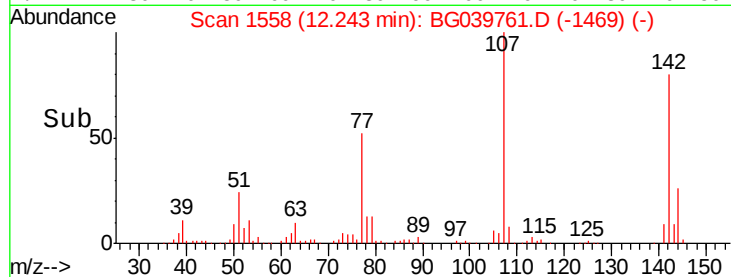
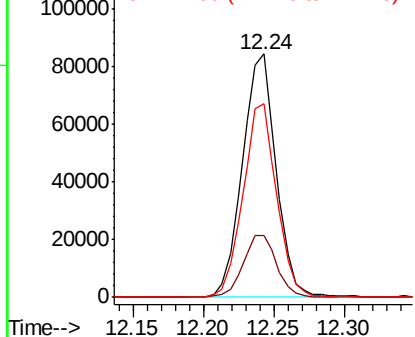
#36
 4-Chloro-3-methylphenol
 Concen: 35.581 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:107 Resp: 140953
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 79.7 61.4 92.2

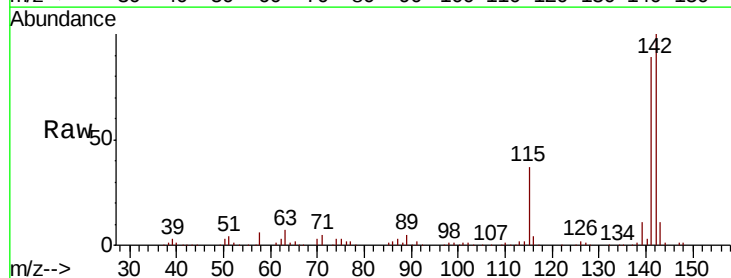


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

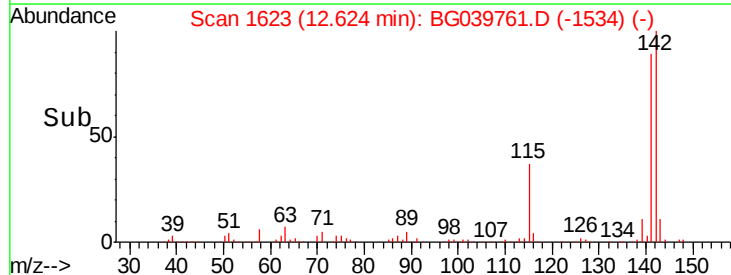
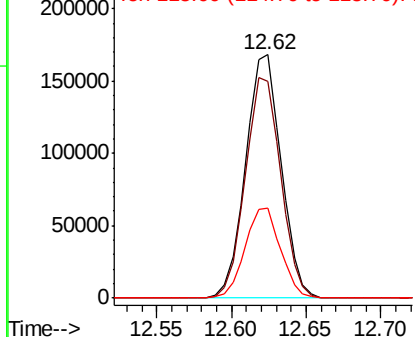


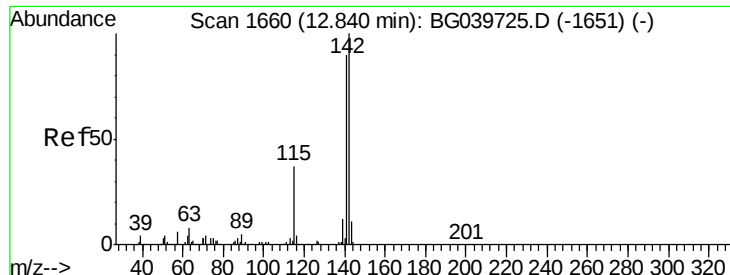
#37
 2-Methylnaphthalene
 Concen: 33.146 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt Ion:142 Resp: 276484
 Ion Ratio Lower Upper
 142 100
 141 89.0 73.5 110.3
 115 36.9 30.8 46.2



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

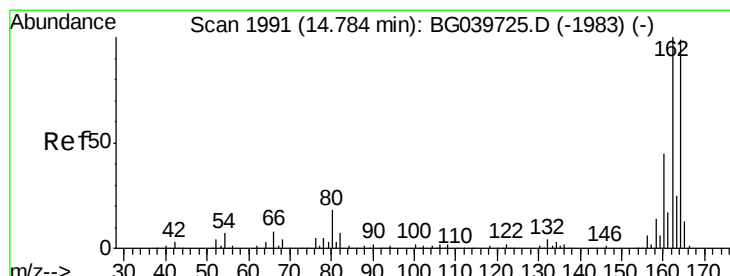
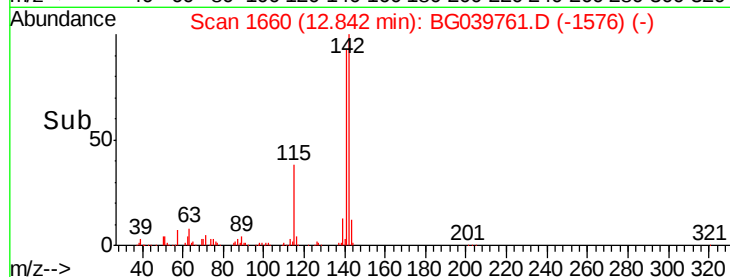
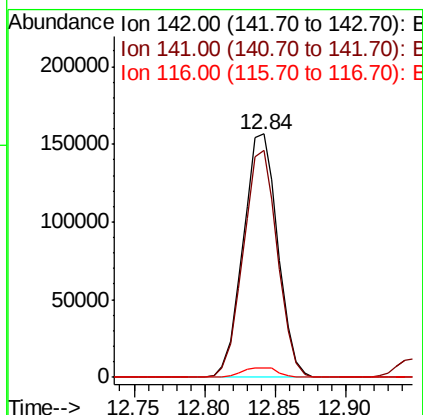
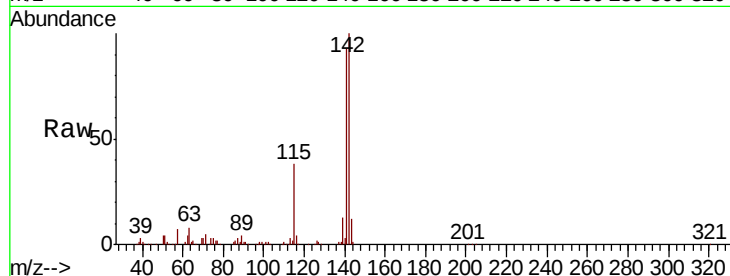




#38
1-Methylnaphthalene
Concen: 33.171 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

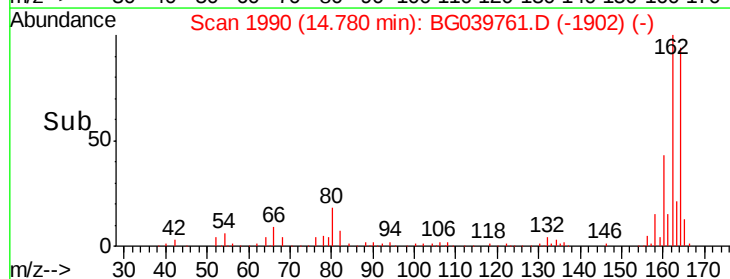
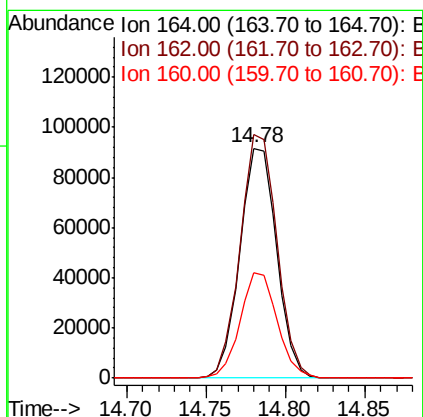
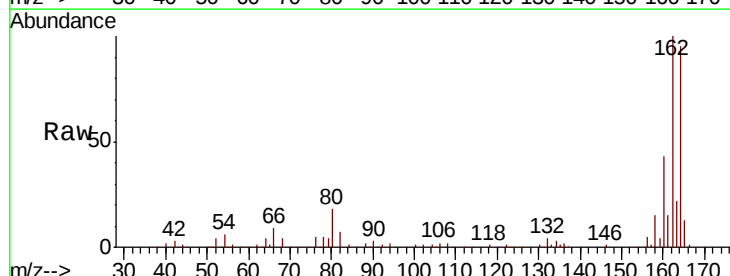
Instrument :
BNA_G
ClientSampleId :

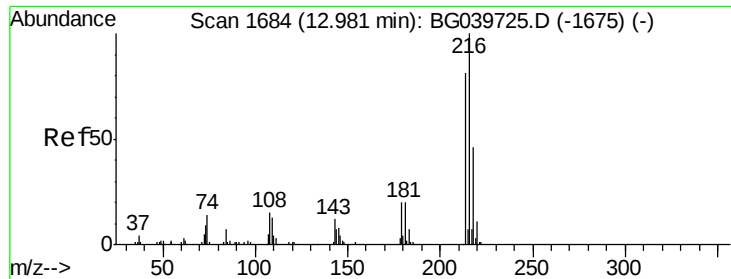
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.2	111.4
116	3.7	3.0	4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.6	122.4
160	45.9	34.2	51.2

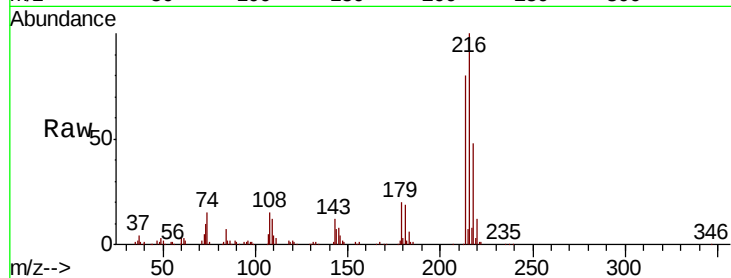




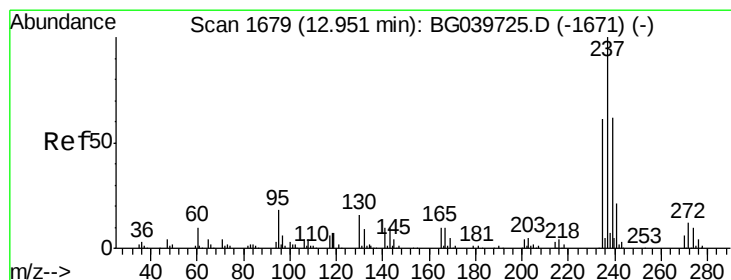
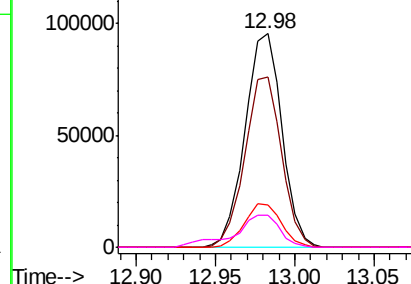
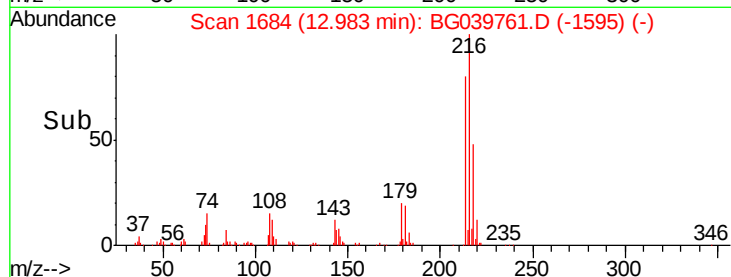
#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.829 ng
RT: 12.98 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:216	Resp:	154119
Ion Ratio	Lower	Upper
216	100	
214	79.6	62.6 94.0
179	20.4	16.6 25.0
108	18.7	14.0 21.0

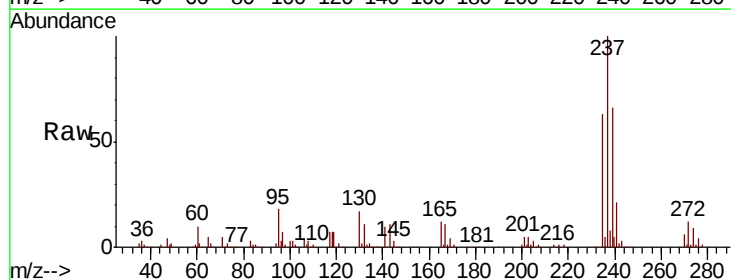


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

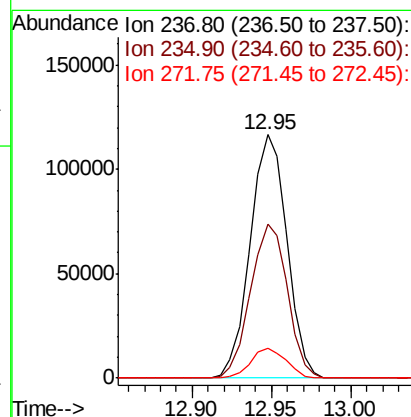
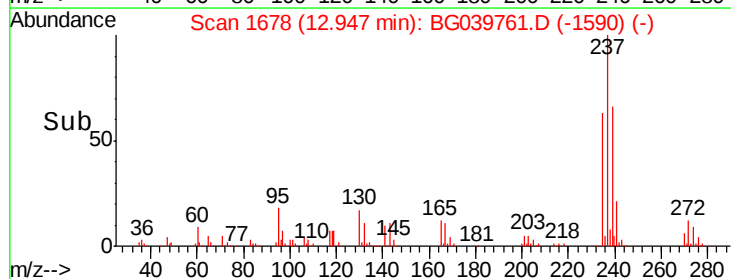


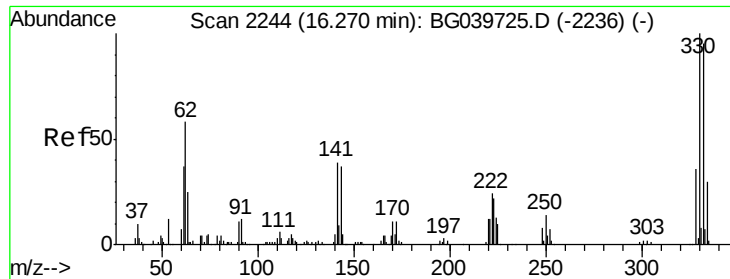
#41
Hexachlorocyclopentadiene
Concen: 70.023 ng
RT: 12.95 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:237	Resp:	187598
Ion Ratio	Lower	Upper
237	100	
235	63.3	43.3 83.3
272	12.3	0.0 32.3



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





#42

2,4,6-Tribromophenol

Concen: 116.966 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

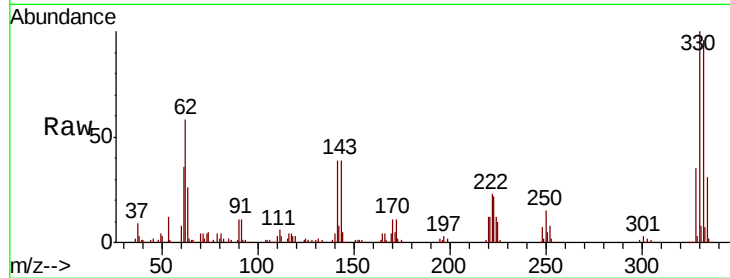
Tot Ion:330 Resp: 201182

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

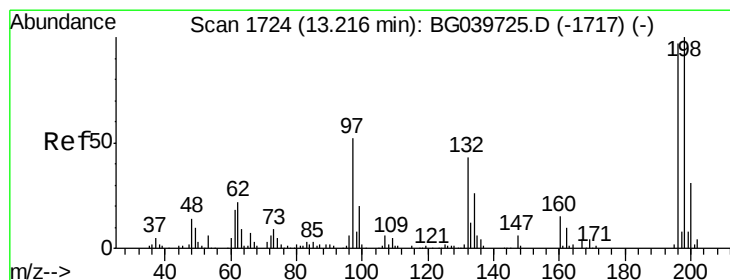
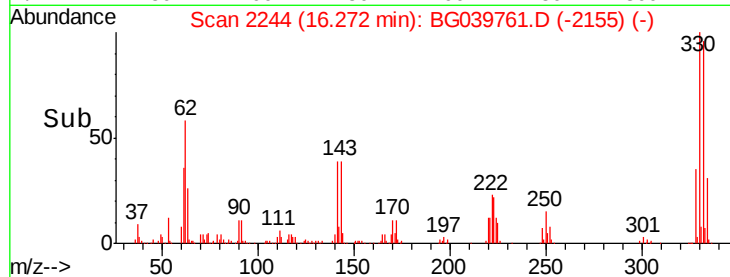
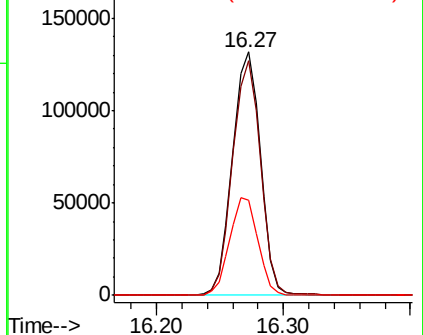
141 40.5 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 37.225 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

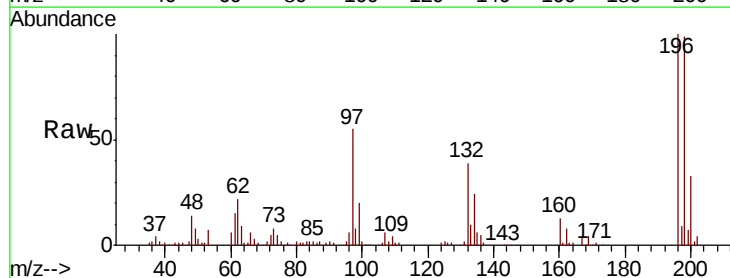
Tgt Ion:196 Resp: 108950

Ion Ratio Lower Upper

196 100

198 99.4 80.6 121.0

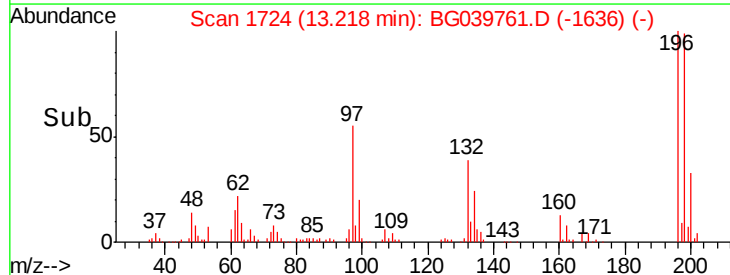
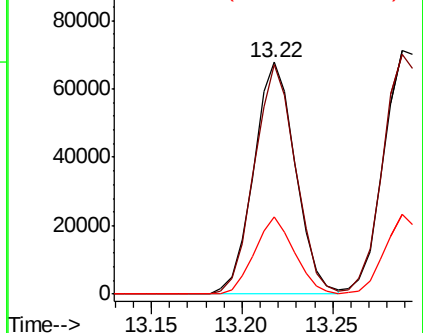
200 33.3 26.1 39.1

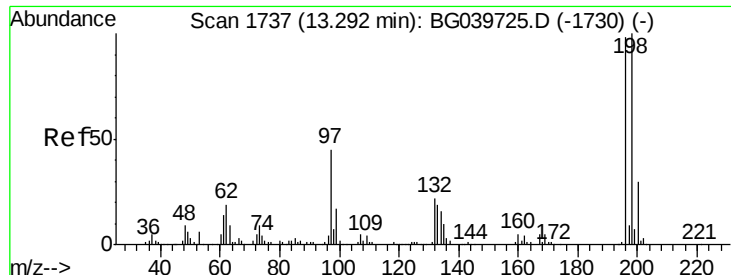


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

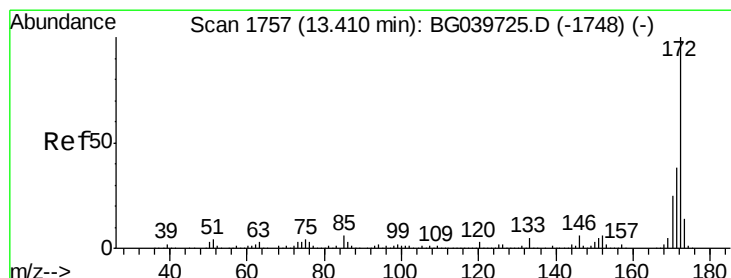
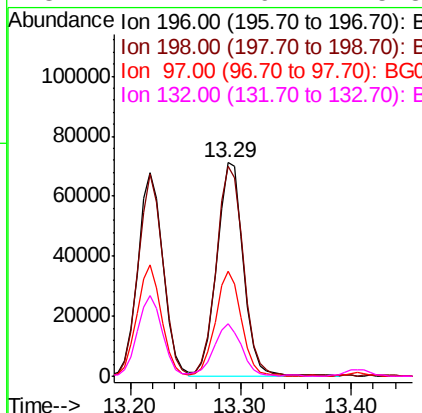
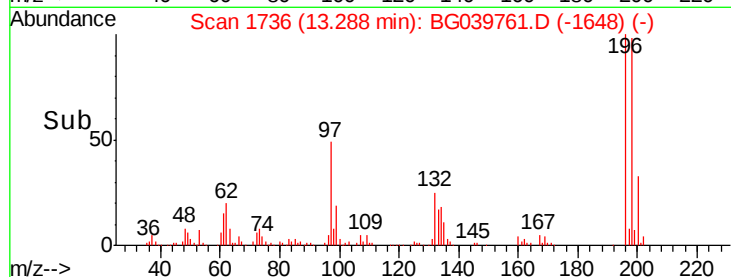
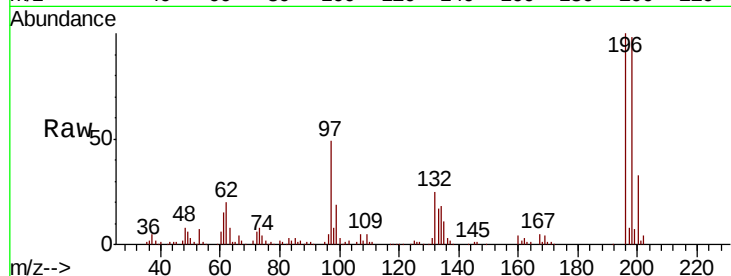




#44
 2,4,5-Trichlorophenol
 Concen: 35.892 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

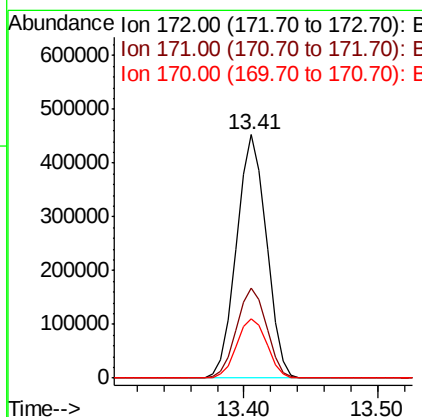
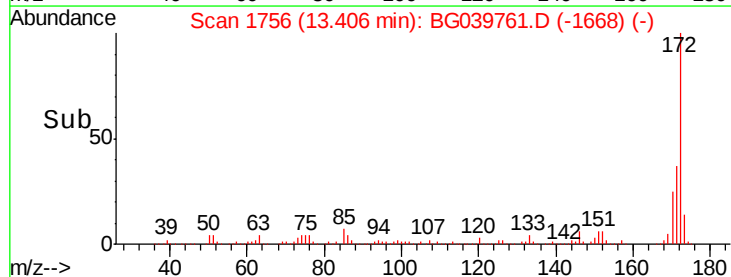
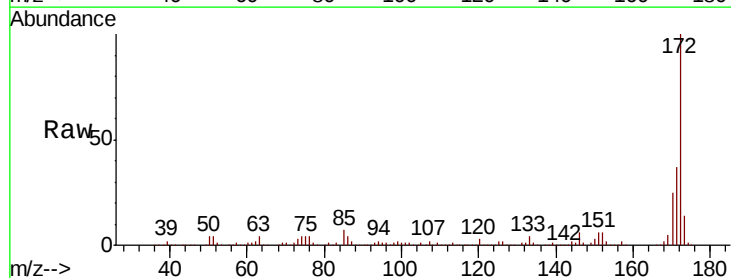
Instrument :
 BNA_G
 ClientSampleId :

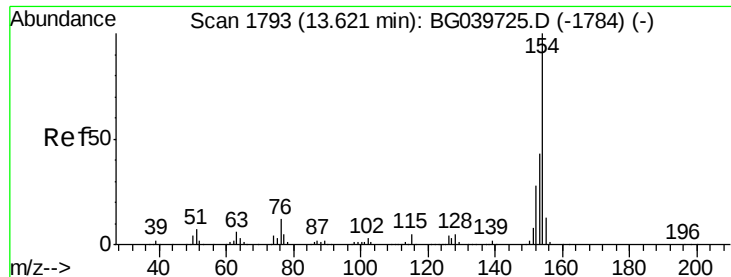
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	78.5	117.7
97	49.0	38.4	57.6
132	24.7	19.2	28.8



#45
 2-Fluorobiphenyl
 Concen: 67.792 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.6	20.2	30.4

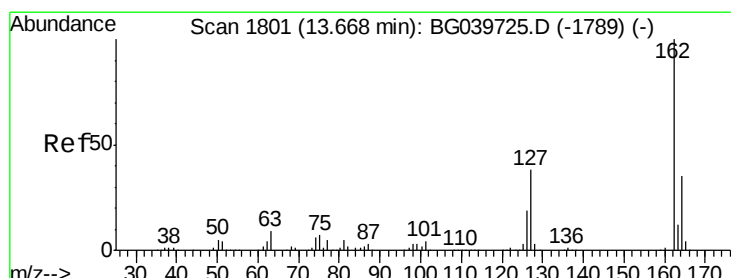
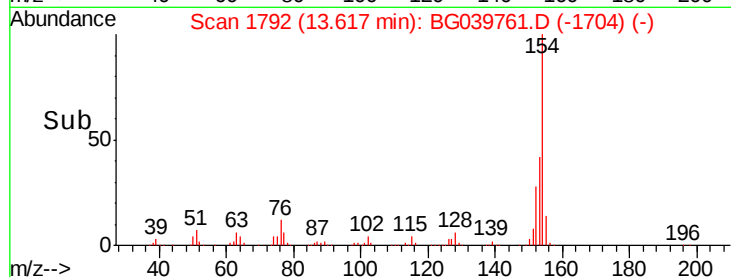
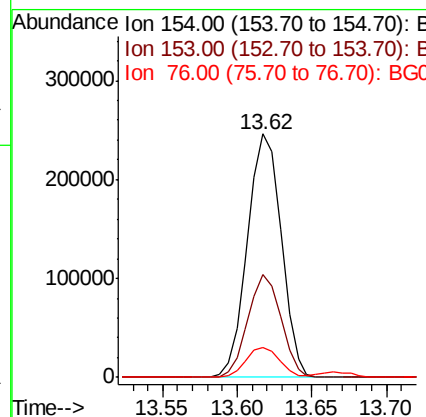
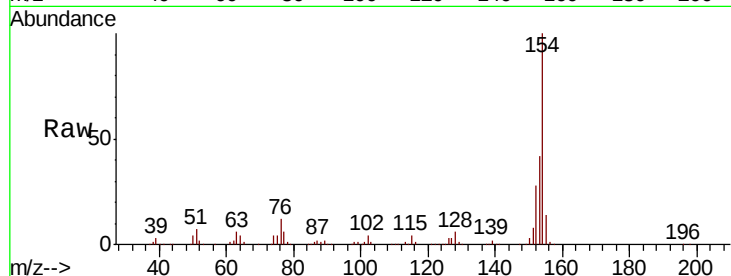




#46
 1,1'-Biphenyl
 Concen: 31.844 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

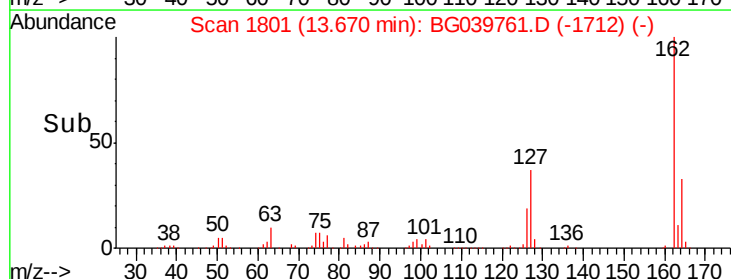
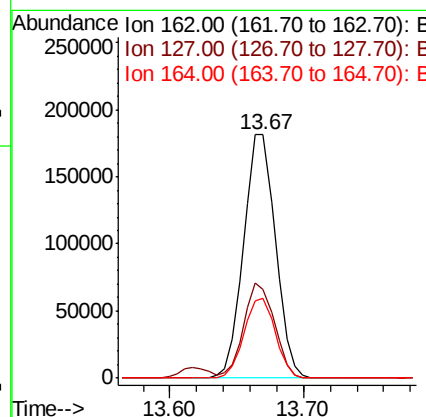
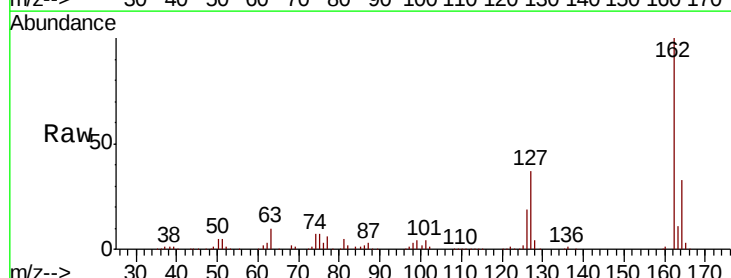
Instrument :
 BNA_G
 ClientSampleId :

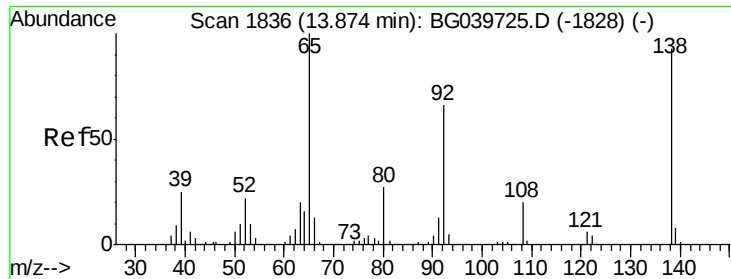
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	12.1	0.0	32.4



#47
 2-Chloronaphthalene
 Concen: 32.719 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.6	31.0	46.6
164	32.6	25.7	38.5

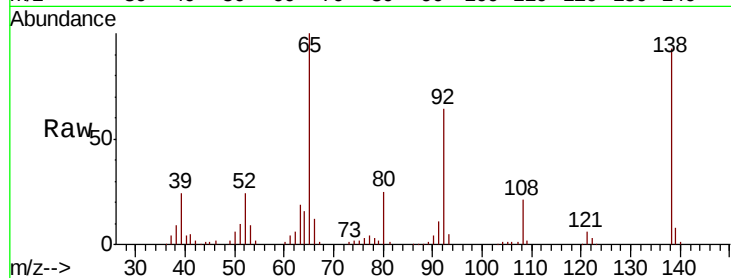




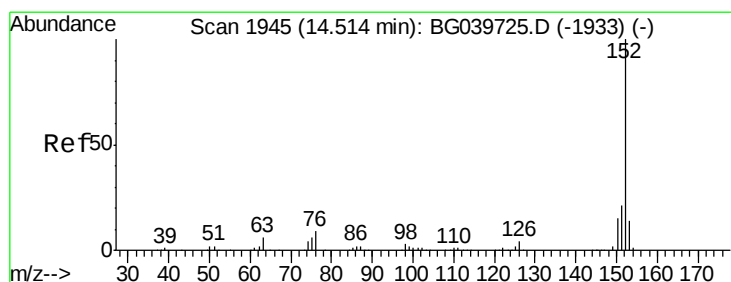
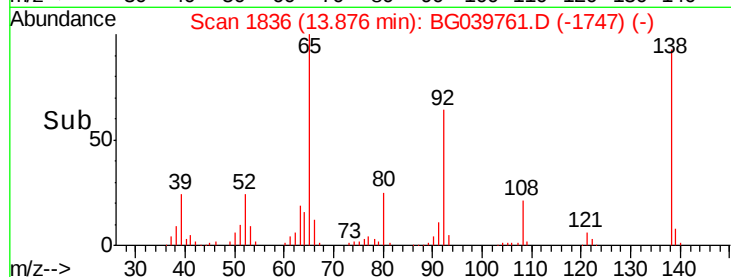
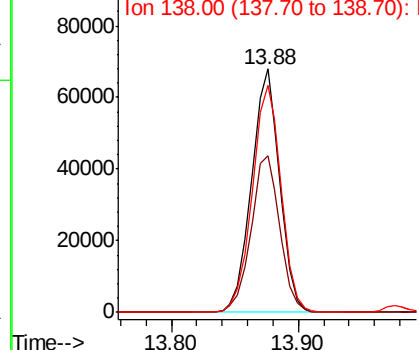
#48
2-Nitroaniline
Concen: 35.734 ng
RT: 13.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 104856
Ion Ratio Lower Upper
65 100
92 64.2 51.4 77.2
138 93.4 71.4 107.2

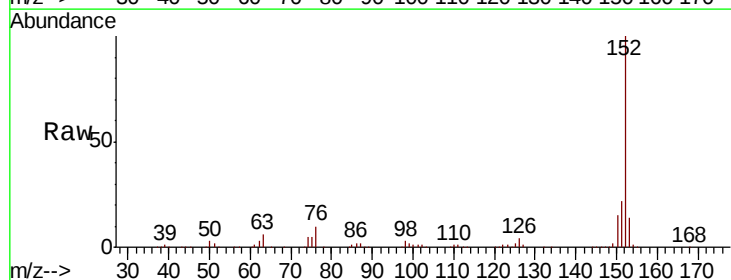


Abundance Ion 65.00 (64.70 to 65.70): BG039761.D (-1747) (-)
Ion 92.00 (91.70 to 92.70): BG039761.D (-1747) (-)
Ion 138.00 (137.70 to 138.70): BG039761.D (-1747) (-)

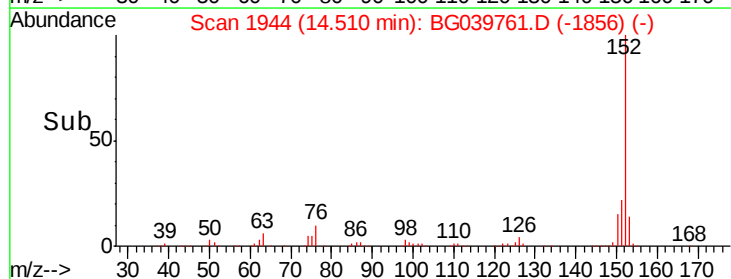
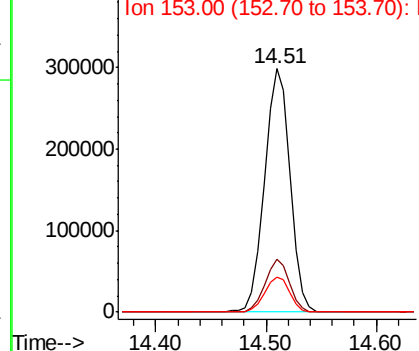


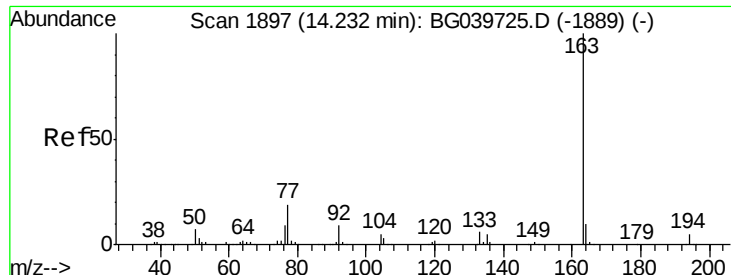
#49
Acenaphthylene
Concen: 32.198 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion: 152 Resp: 482613
Ion Ratio Lower Upper
152 100
151 21.7 16.8 25.2
153 14.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): BG039761.D (-1856) (-)
Ion 151.00 (150.70 to 151.70): BG039761.D (-1856) (-)
Ion 153.00 (152.70 to 153.70): BG039761.D (-1856) (-)





#50

Dimethylphthalate

Concen: 33.680 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

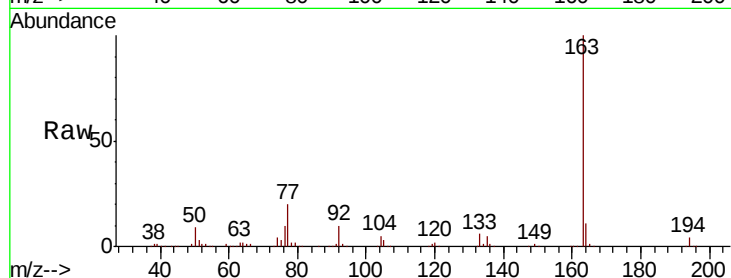
Tot Ion:163 Resp: 415590

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

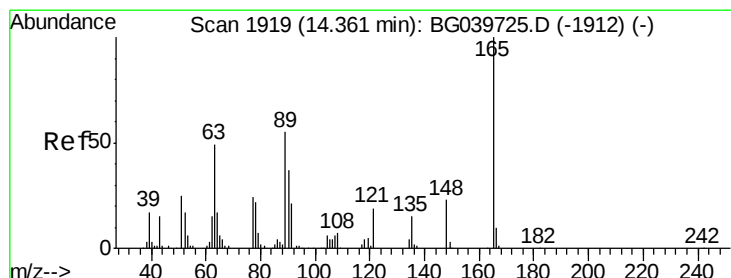
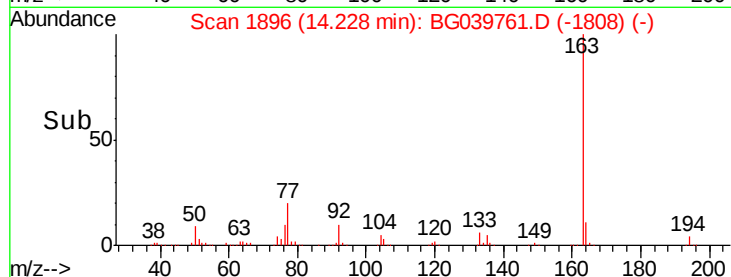
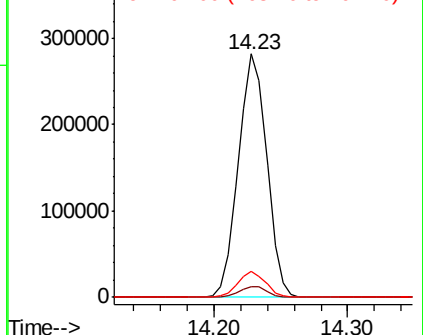
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 35.420 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

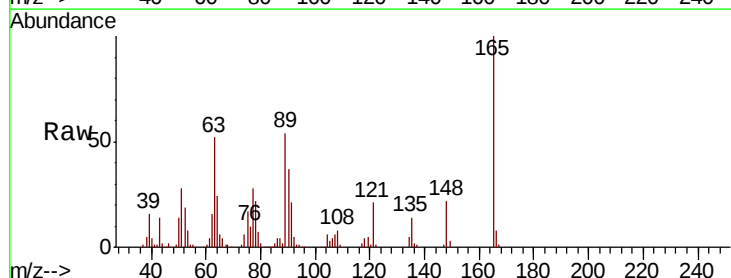
Tgt Ion:165 Resp: 92654

Ion Ratio Lower Upper

165 100

63 52.1 47.0 70.6

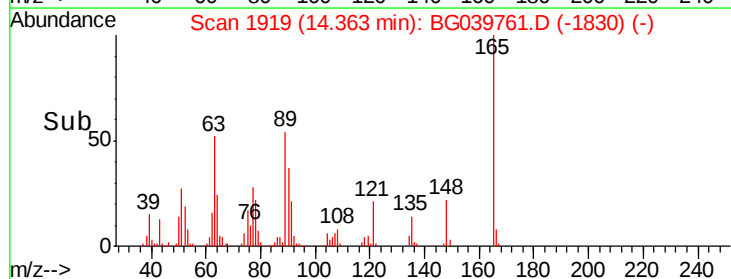
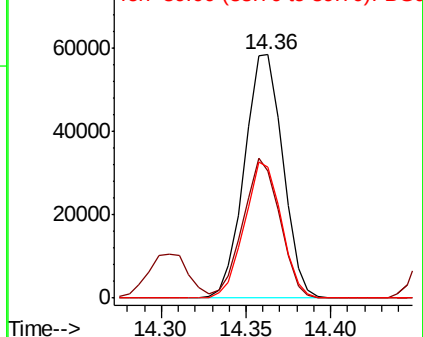
89 53.7 45.8 68.8

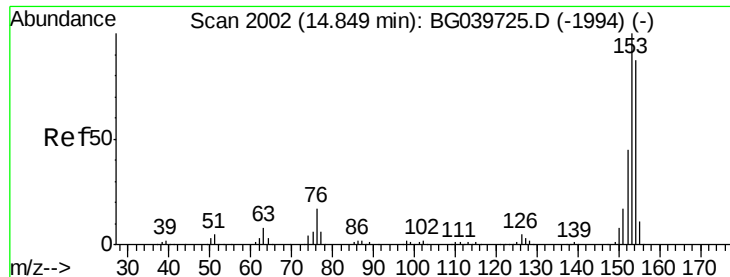


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 32.611 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampled :

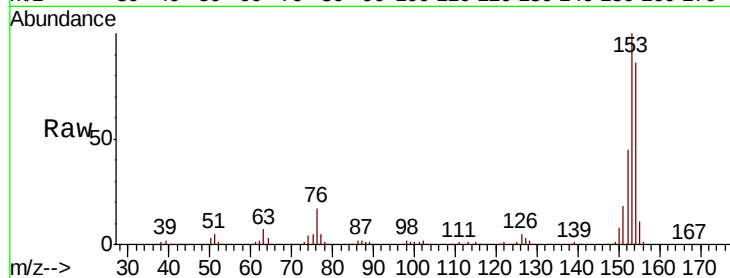
Tot Ion:154 Resp: 294196

Ion Ratio Lower Upper

154 100

153 115.9 90.1 135.1

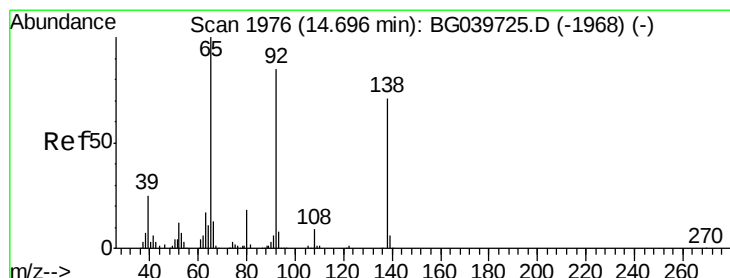
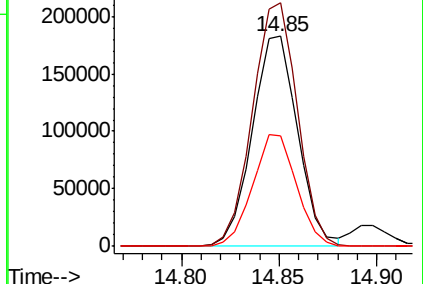
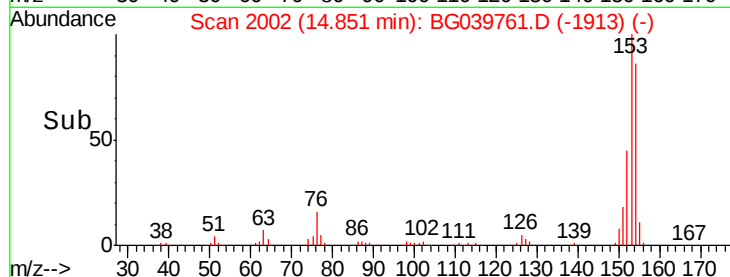
152 52.5 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 4.697 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

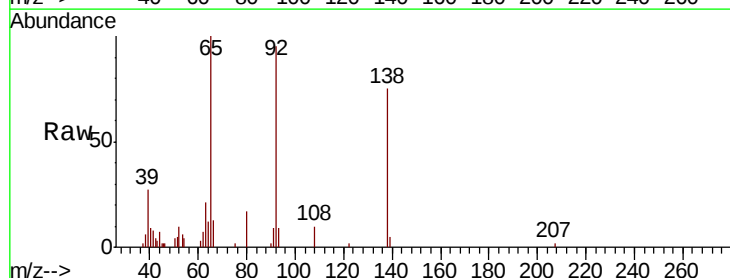
Tgt Ion:138 Resp: 12351

Ion Ratio Lower Upper

138 100

108 13.2 13.8 20.8#

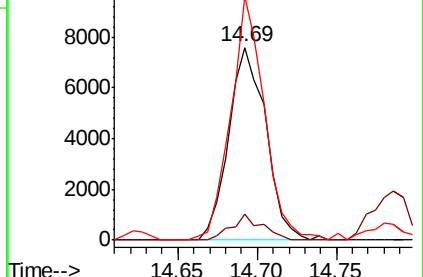
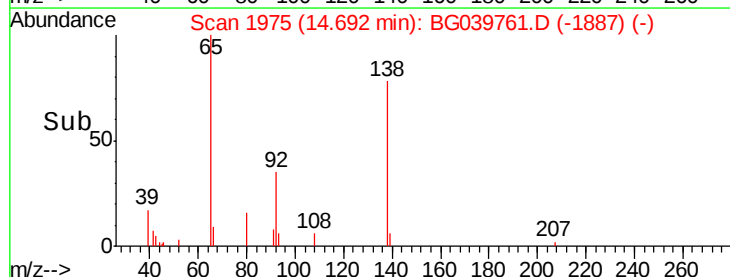
92 126.2 103.7 155.5

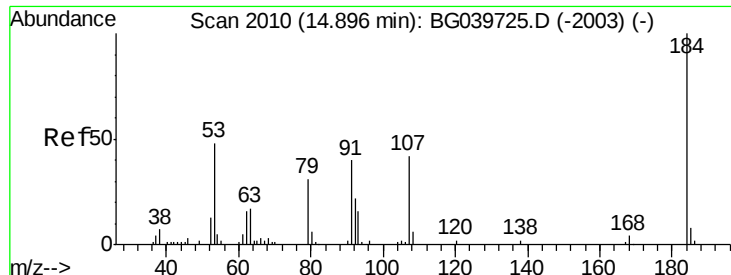


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

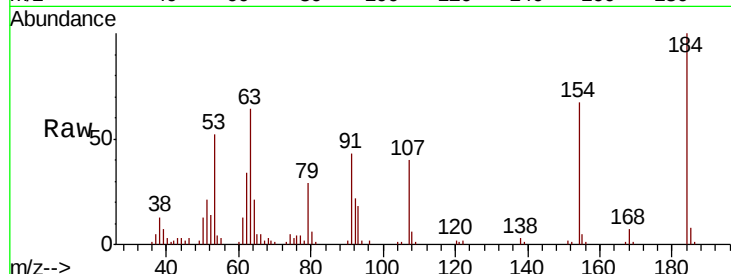




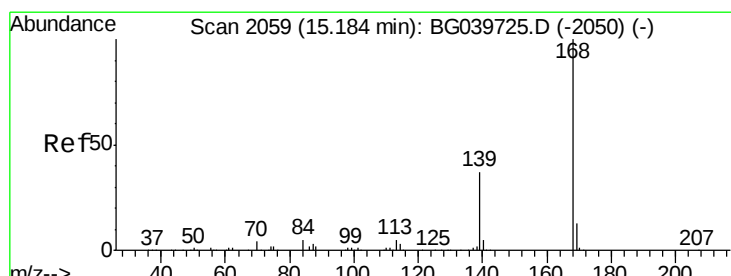
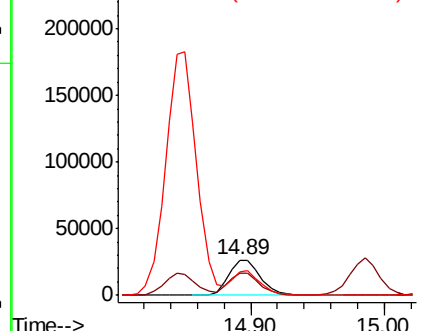
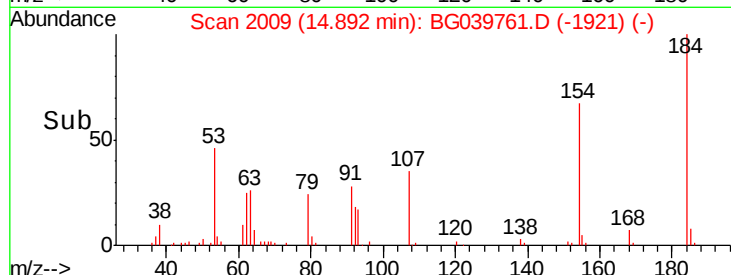
#54
 2,4-Dinitrophenol
 Concen: 30.666 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 44866
 Ion Ratio Lower Upper
 184 100
 63 64.0 50.9 76.3
 154 67.5 53.0 79.6

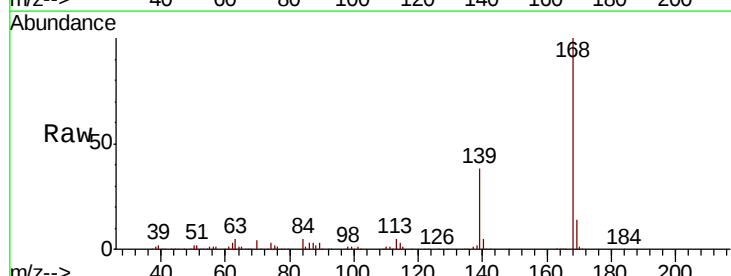


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

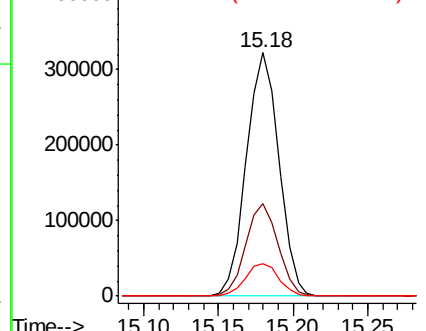
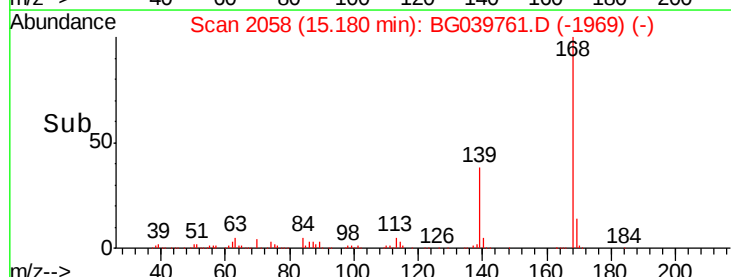


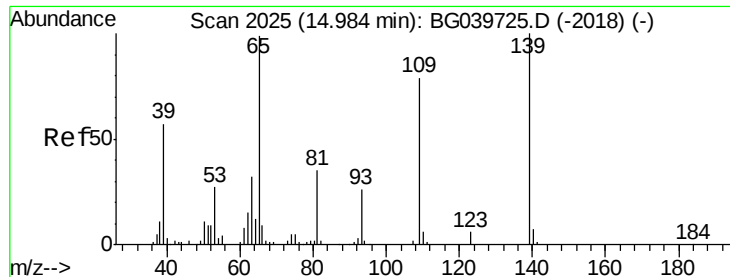
#55
 Dibenzofuran
 Concen: 32.762 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt Ion:168 Resp: 484921
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 13.6 10.6 16.0



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





#56

4-Nitrophenol

Concen: 58.515 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

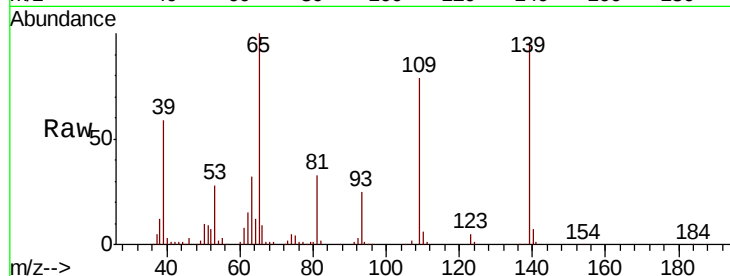
Tot Ion:139 Resp: 137645

Ion Ratio Lower Upper

139 100

109 81.6 61.9 101.9

65 103.8 99.1 139.1

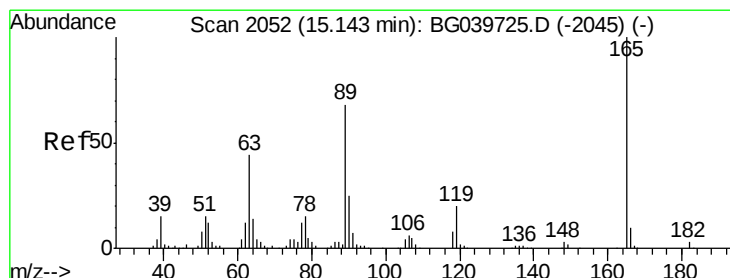
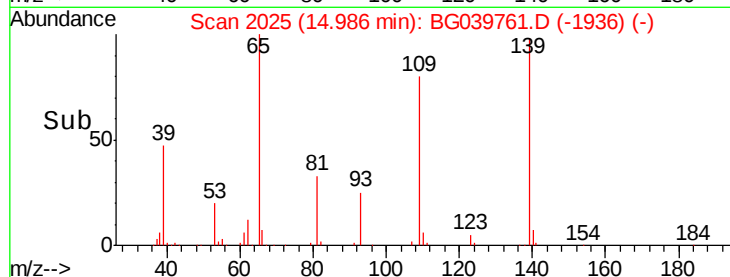
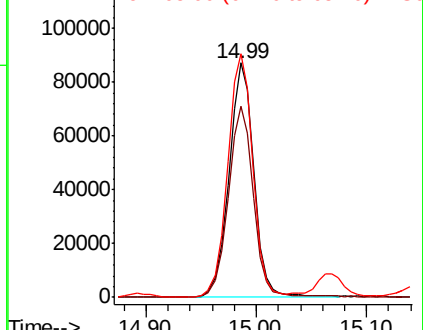


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 35.188 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Tgt Ion:165 Resp: 129339

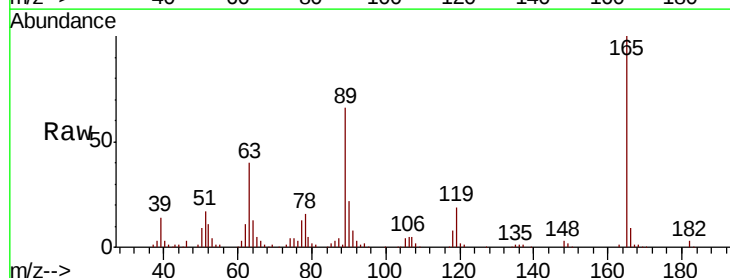
Ion Ratio Lower Upper

165 100

63 39.9 41.0 61.6#

89 65.9 64.6 96.8

182 2.9 2.0 3.0



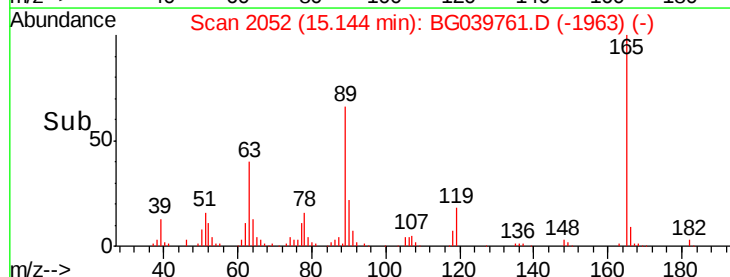
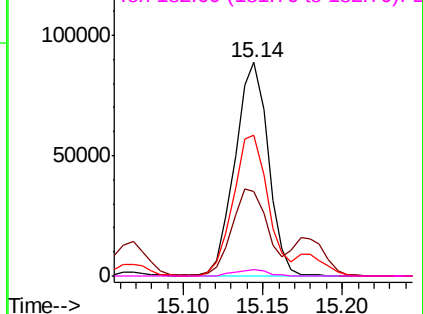
Abundance

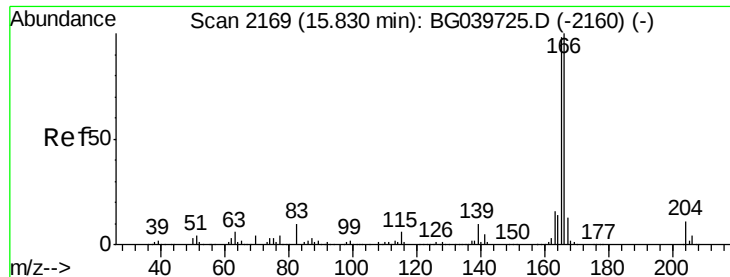
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 33.250 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

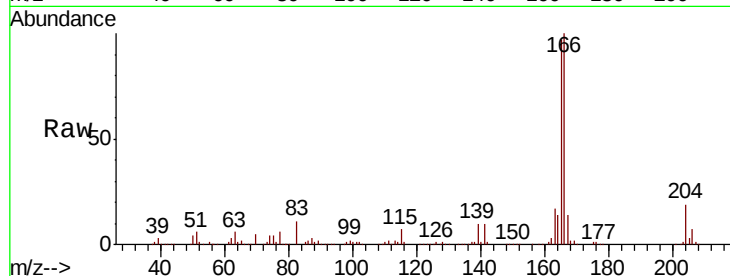
Tot Ion:166 Resp: 386897

Ion Ratio Lower Upper

166 100

165 96.6 77.9 116.9

167 14.1 10.8 16.2

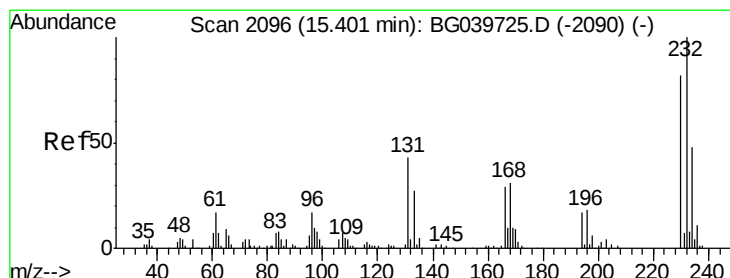
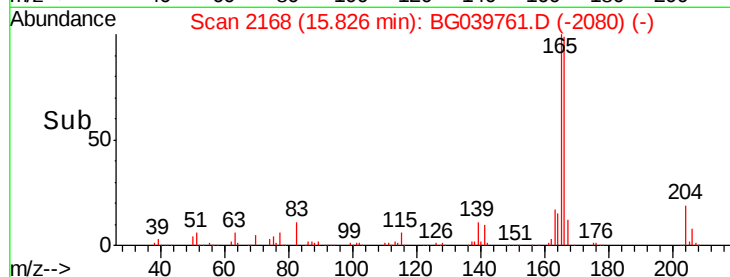
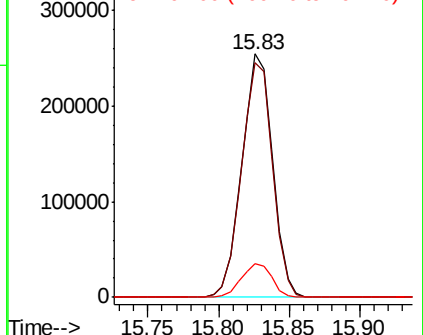


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 36.351 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Tgt Ion:232 Resp: 117119

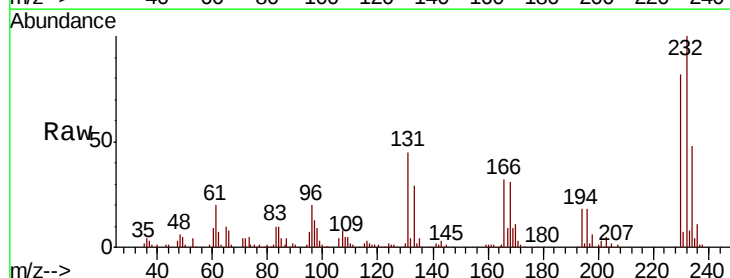
Ion Ratio Lower Upper

232 100

131 41.9 34.9 52.3

130 2.5 2.0 3.0

166 29.6 24.1 36.1



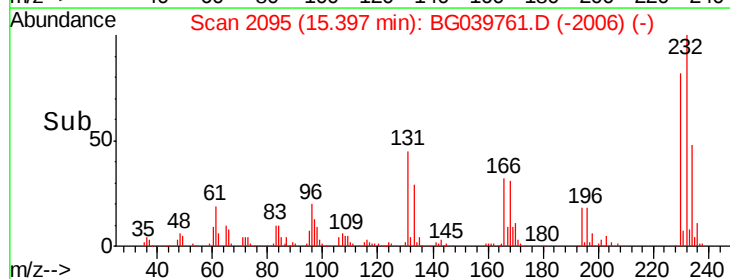
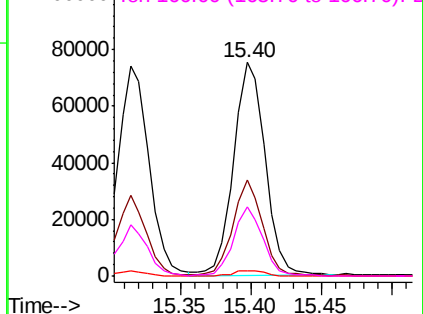
Abundance

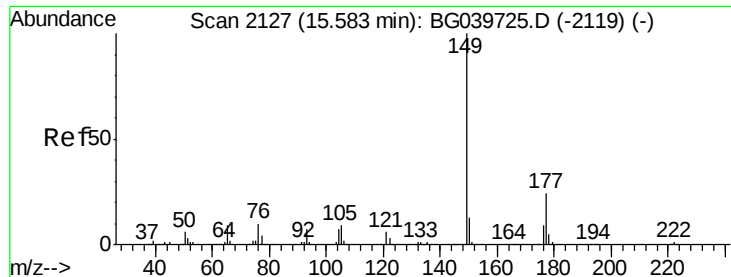
Ion 232.00 (231.70 to 232.70): E

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

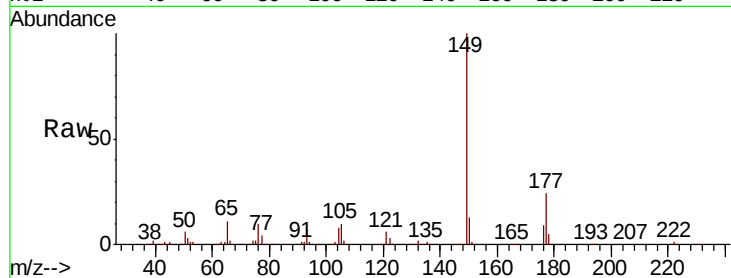




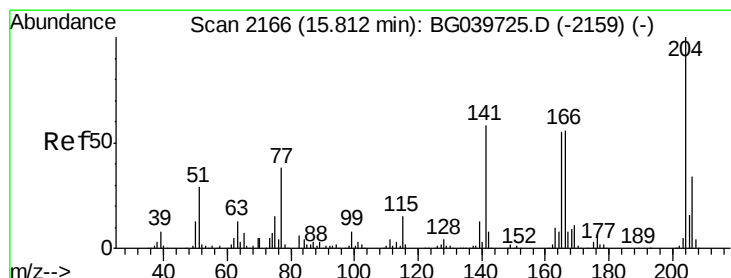
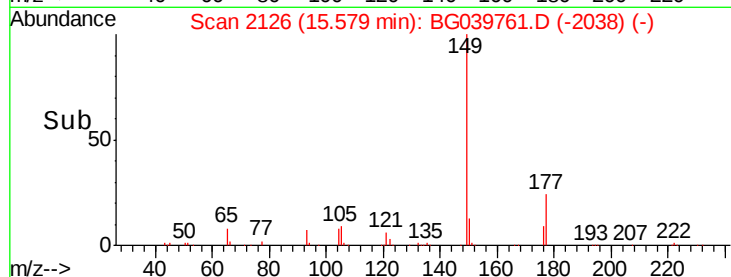
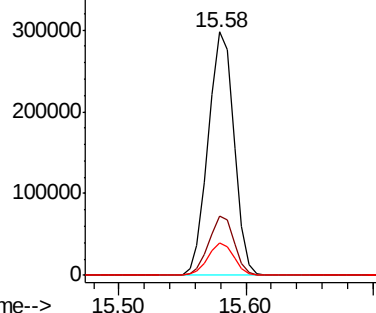
#60
Diethylphthalate
Concen: 34.228 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 418096
Ion Ratio Lower Upper
149 100
177 24.4 18.3 27.5
150 13.1 10.2 15.2

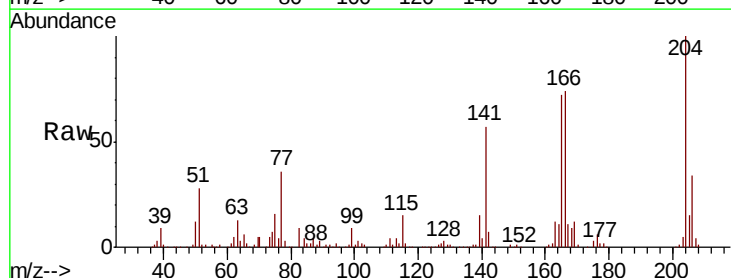


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

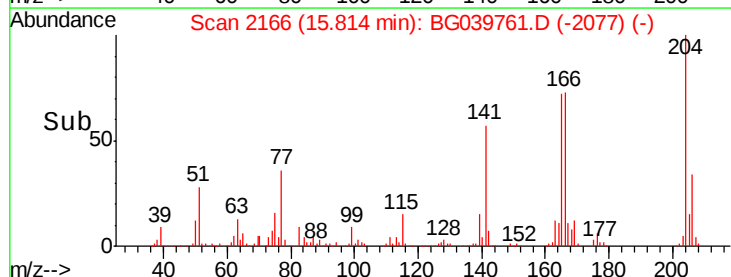
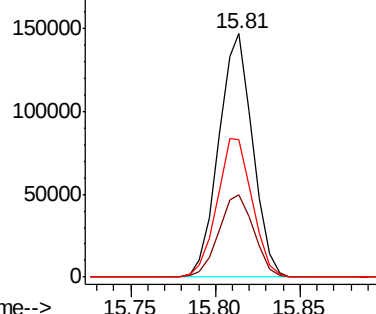


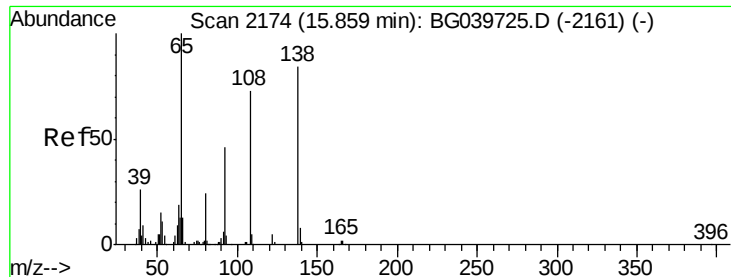
#61
4-Chlorophenyl-phenylether
Concen: 33.027 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:204 Resp: 205072
Ion Ratio Lower Upper
204 100
206 34.0 29.2 43.8
141 56.7 49.0 73.4



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





#62

4-Nitroaniline

Concen: 30.010 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

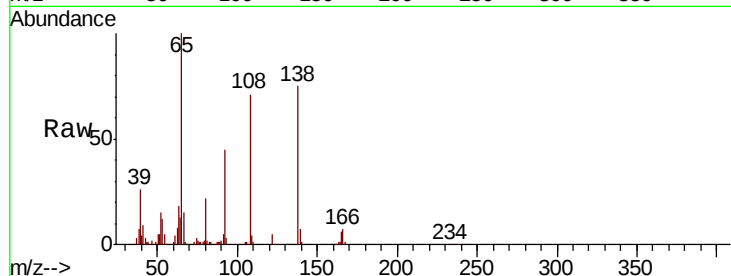
Tot Ion:138 Resp: 85550

Ion Ratio Lower Upper

138 100

92 60.0 38.7 78.7

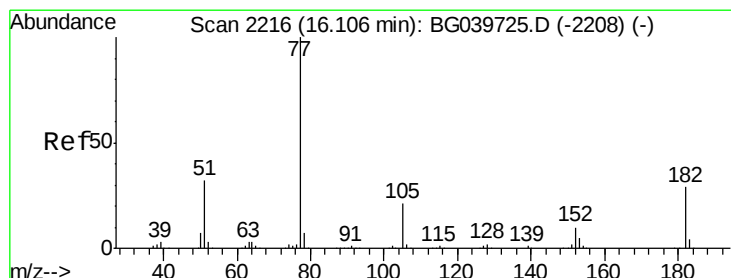
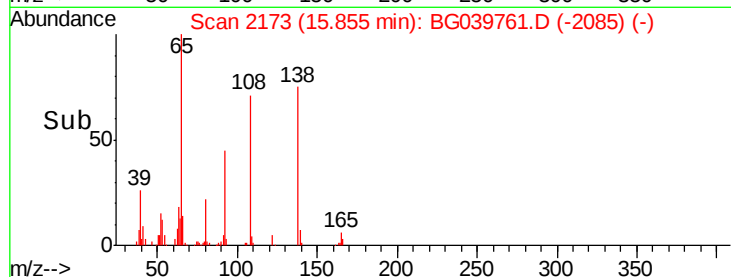
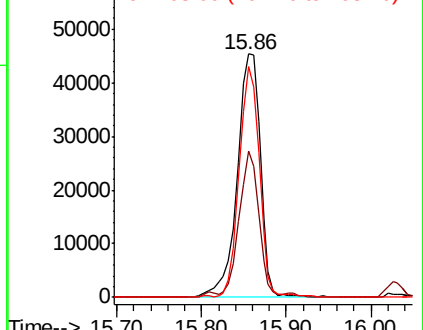
108 94.9 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 33.691 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Tgt Ion: 77 Resp: 373053

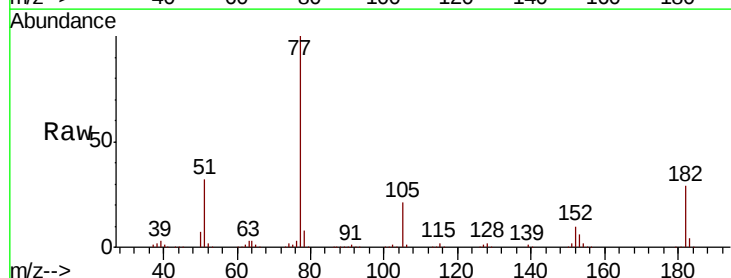
Ion Ratio Lower Upper

77 100

182 29.0 6.4 46.4

105 21.3 0.0 39.8

51 32.2 14.1 54.1

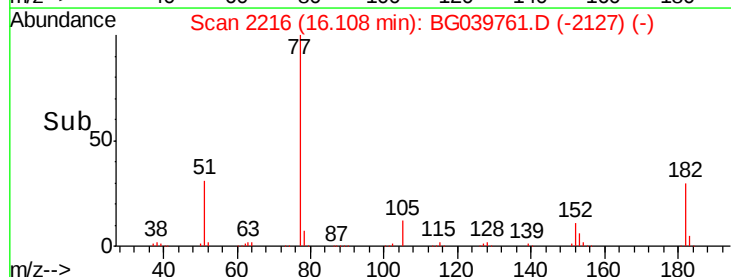
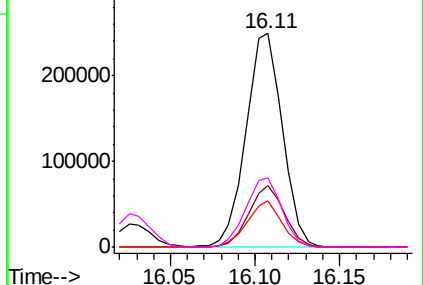


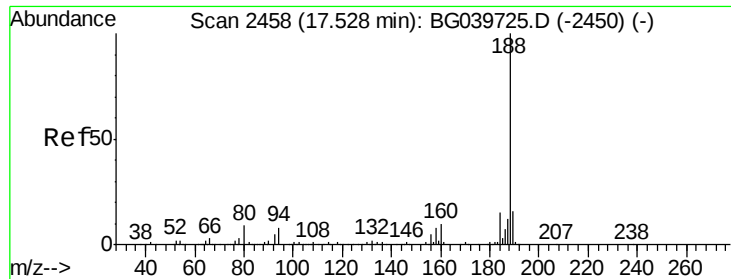
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

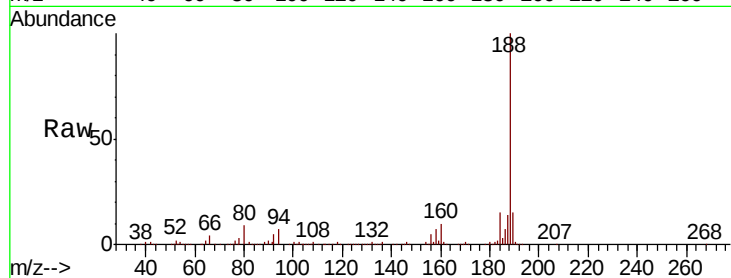




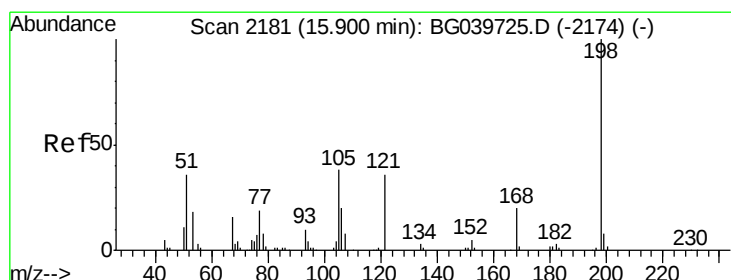
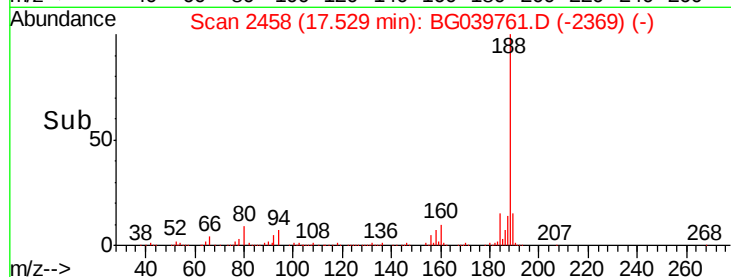
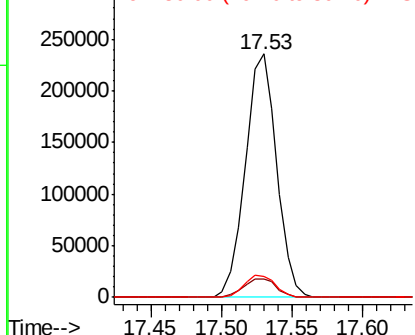
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 365654
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.5 8.1 12.1

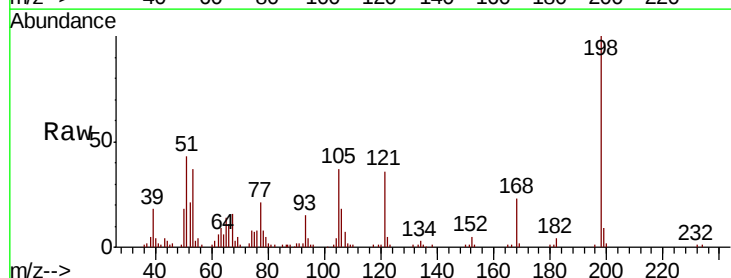


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

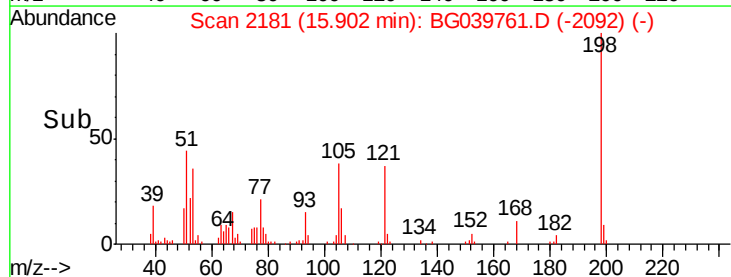
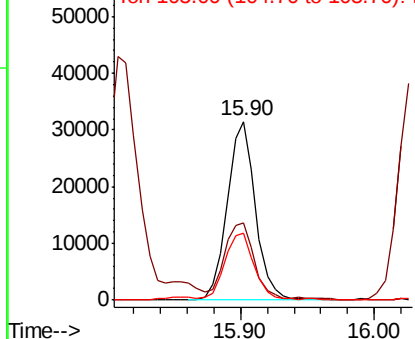


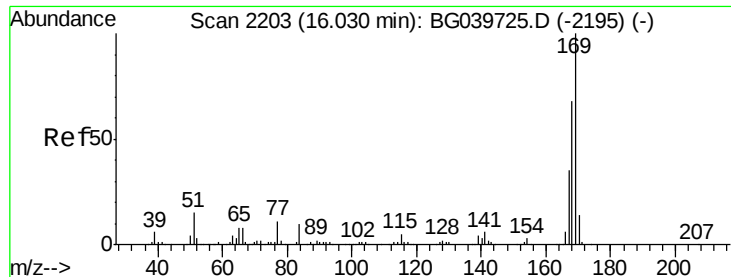
#65
4,6-Dinitro-2-methylphenol
Concen: 21.587 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:198 Resp: 46670
Ion Ratio Lower Upper
198 100
51 42.9 27.4 67.4
105 37.3 19.7 59.7



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





#66

n-Nitrosodiphenylamine

Concen: 34.411 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

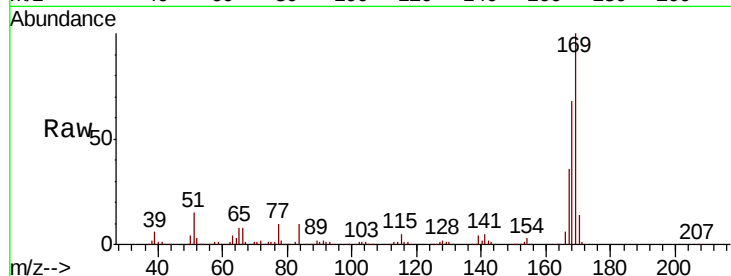
Tot Ion:169 Resp: 364264

Ion Ratio Lower Upper

169 100

168 68.1 56.6 85.0

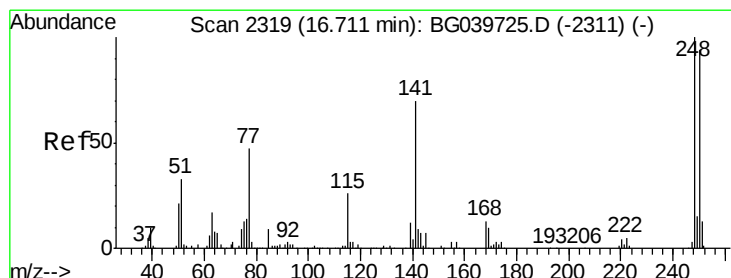
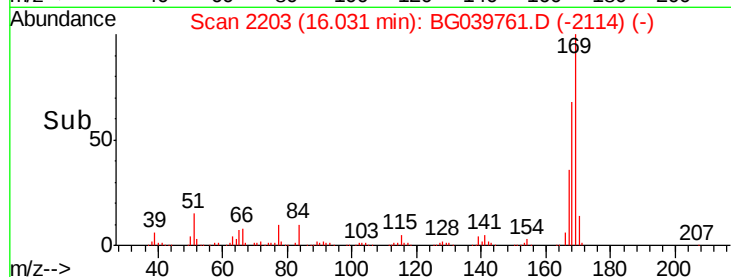
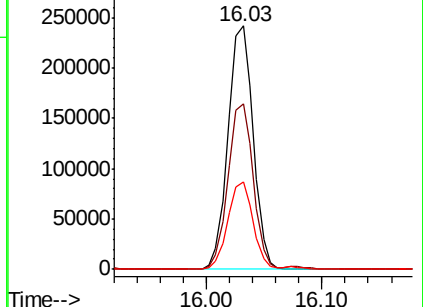
167 35.9 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 32.721 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

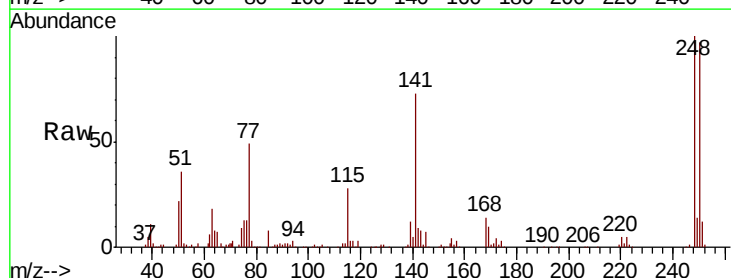
Tgt Ion:248 Resp: 133922

Ion Ratio Lower Upper

248 100

250 96.6 77.6 116.4

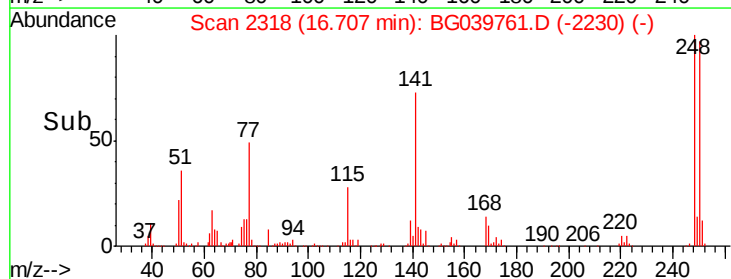
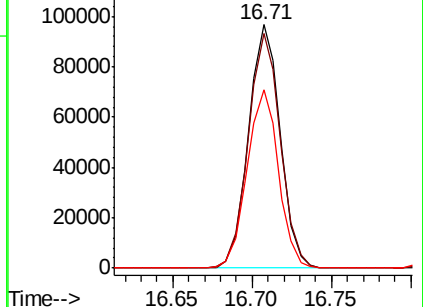
141 73.2 63.9 95.9

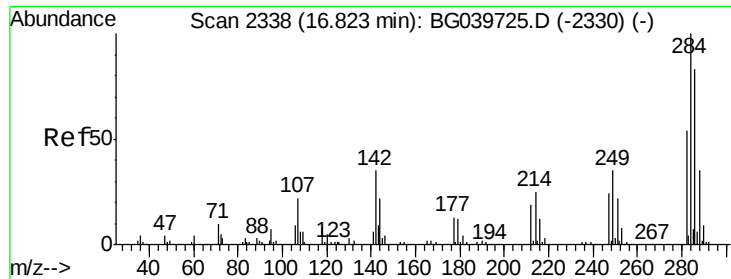


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 33.270 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

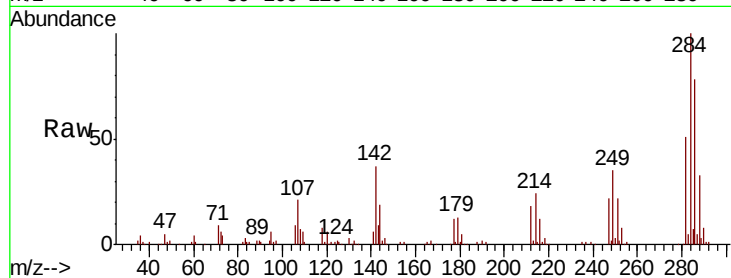
Tot Ion:284 Resp: 141150

Ion Ratio Lower Upper

284 100

142 36.9 30.6 45.8

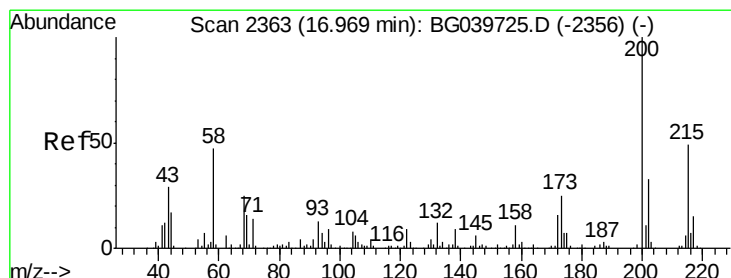
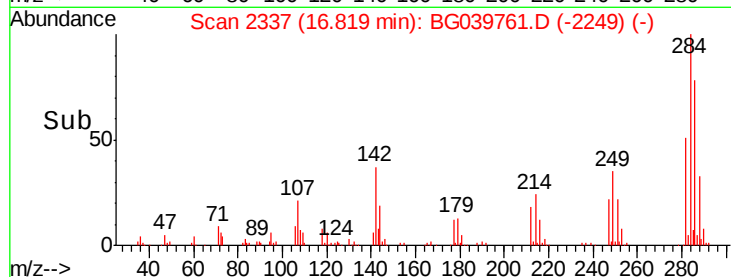
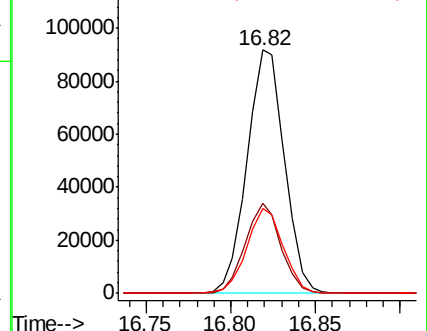
249 35.0 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 34.558 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

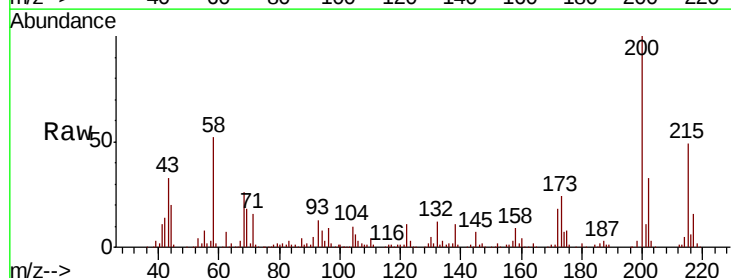
Tgt Ion:200 Resp: 143973

Ion Ratio Lower Upper

200 100

173 24.3 3.9 43.9

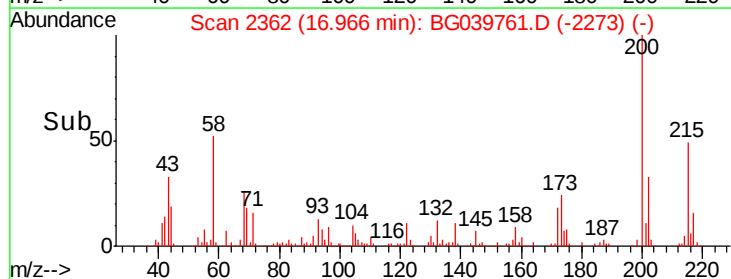
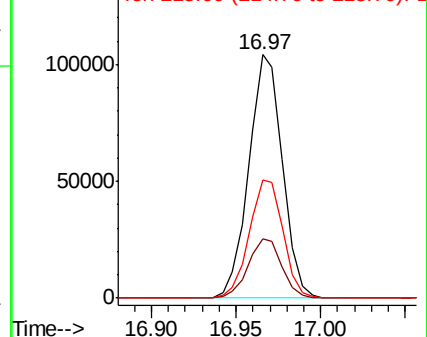
215 48.6 30.9 70.9

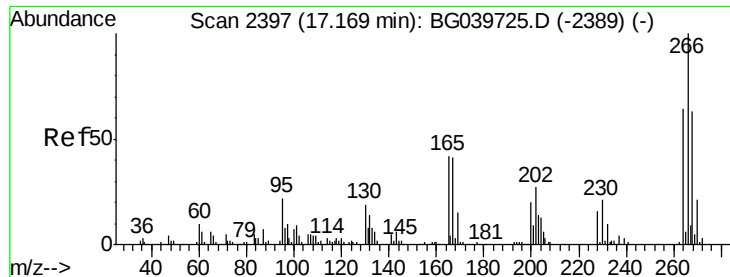


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

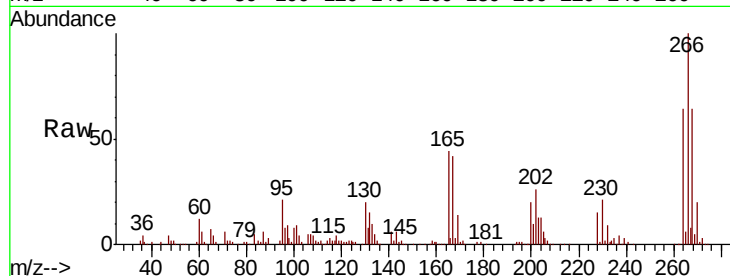




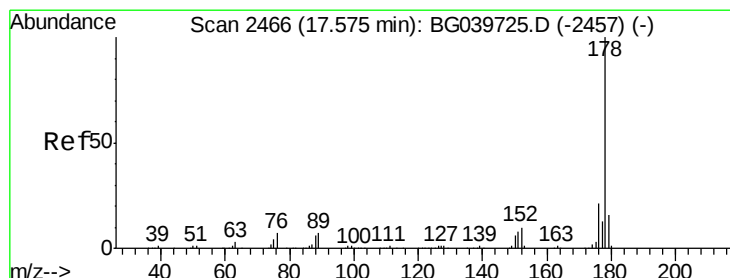
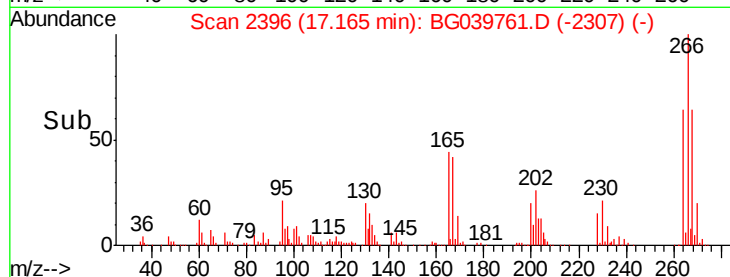
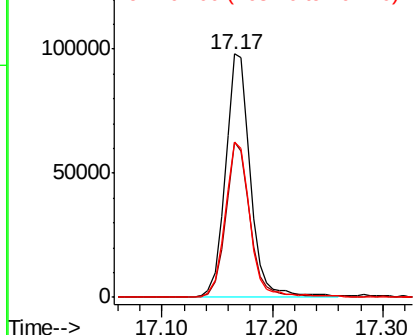
#70
 Pentachlorophenol
 Concen: 57.569 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 154249
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.8 52.1 78.1

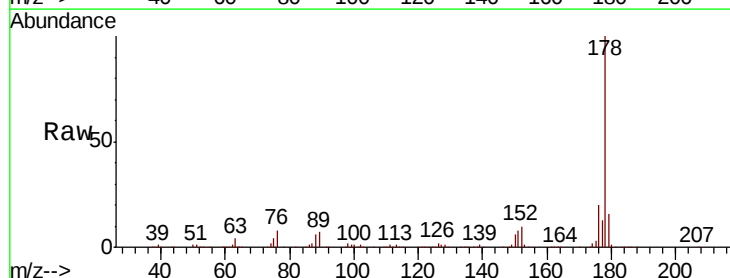


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

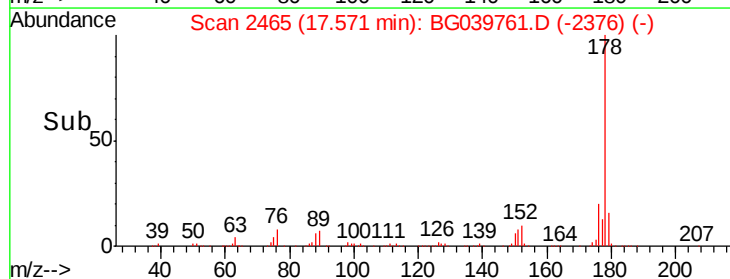
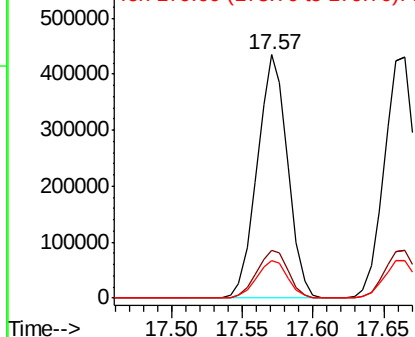


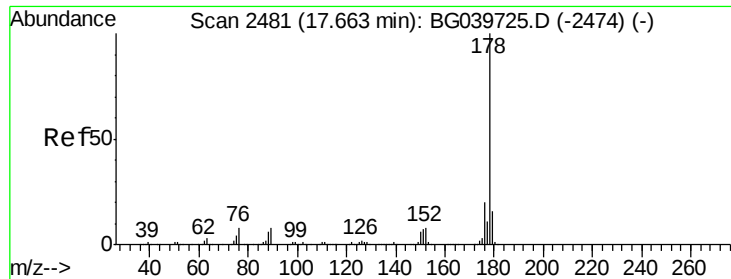
#71
 Phenanthrene
 Concen: 32.678 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt Ion:178 Resp: 658154
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.6 12.6 19.0



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





#72

Anthracene

Concen: 34.093 ng

RT: 17.66 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

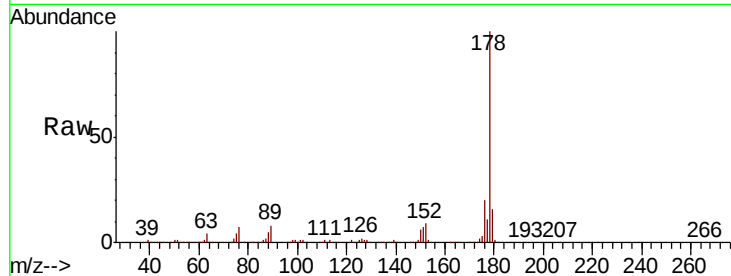
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 669146

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.8	12.5	18.7

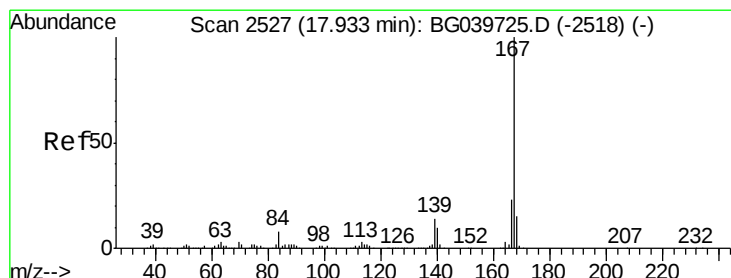
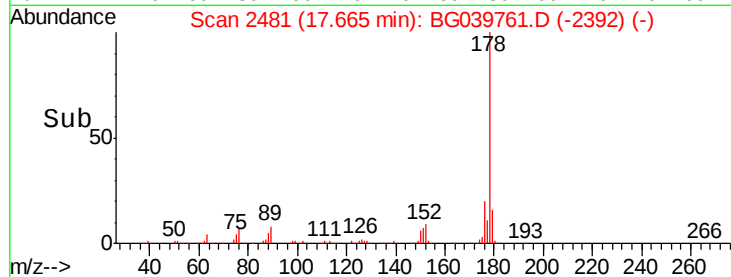
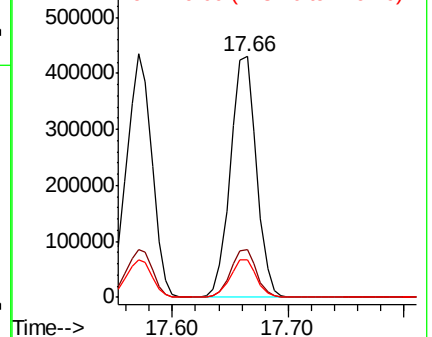


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 33.165 ng

RT: 17.93 min Scan# 2527

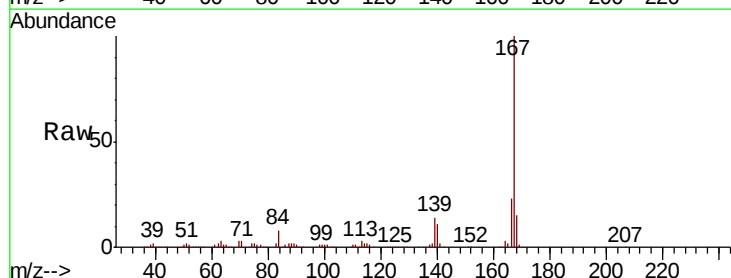
Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Tgt Ion:167 Resp: 586819

Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.4	29.2
139	14.0	10.8	16.2

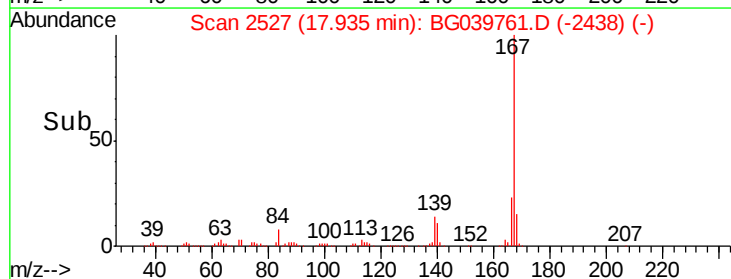
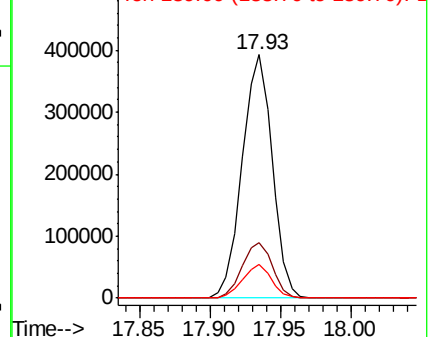


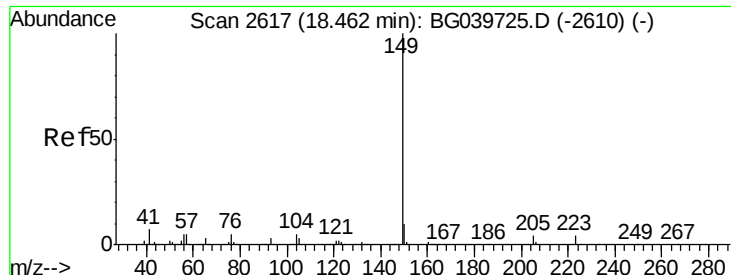
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 33.998 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

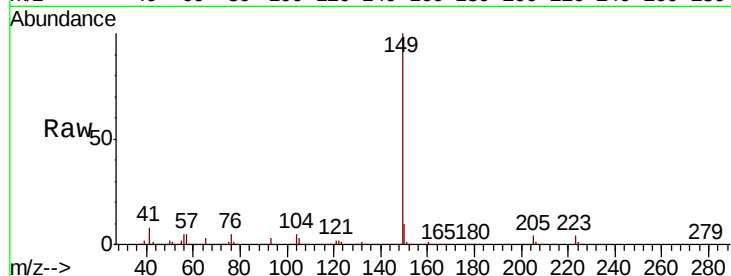
Tot Ion:149 Resp: 707767

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

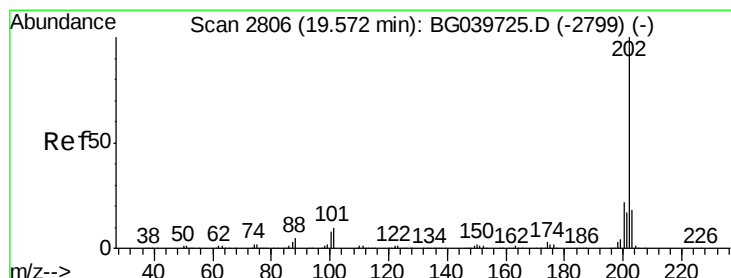
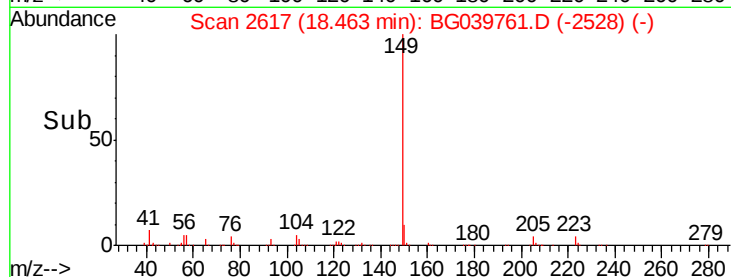
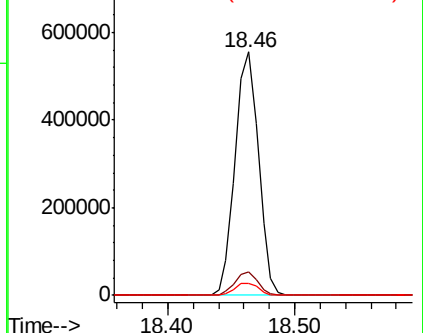
104 5.0 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 33.063 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

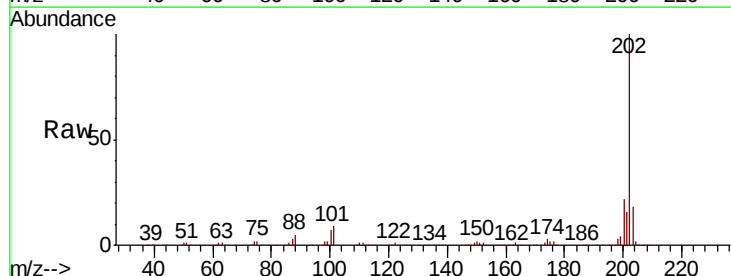
Tgt Ion:202 Resp: 786992

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

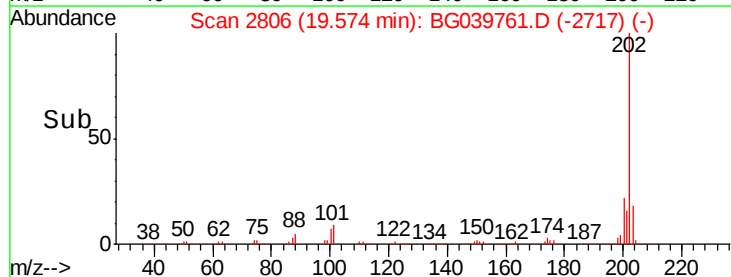
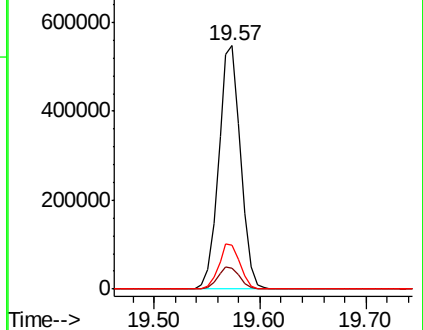
203 17.9 0.0 38.9

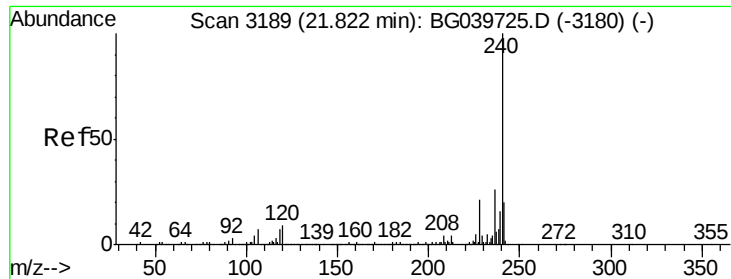


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

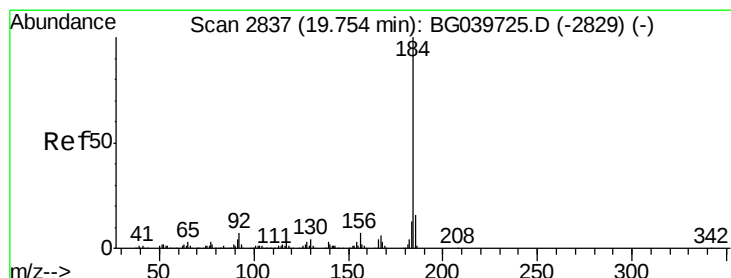
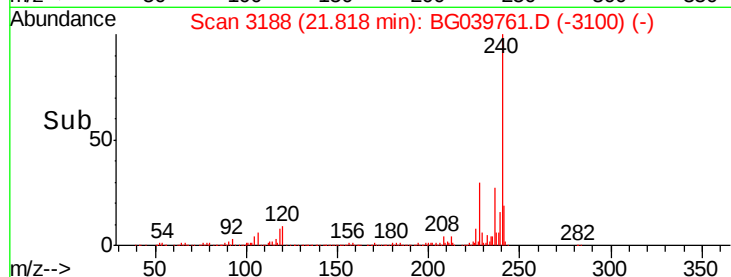
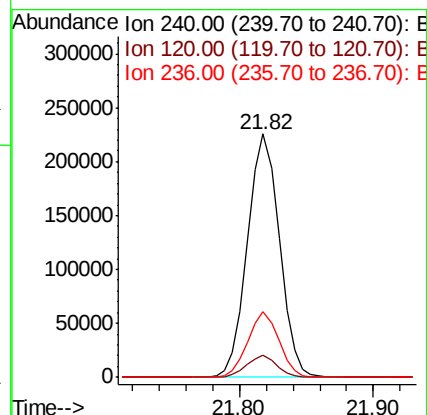
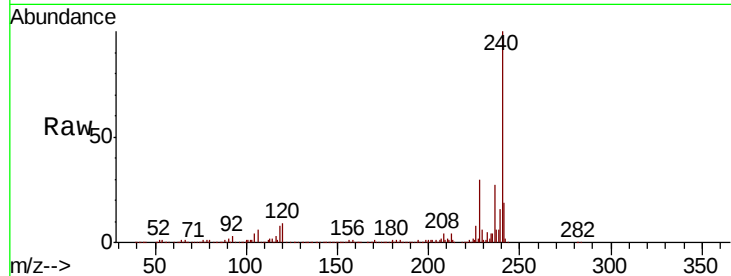




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

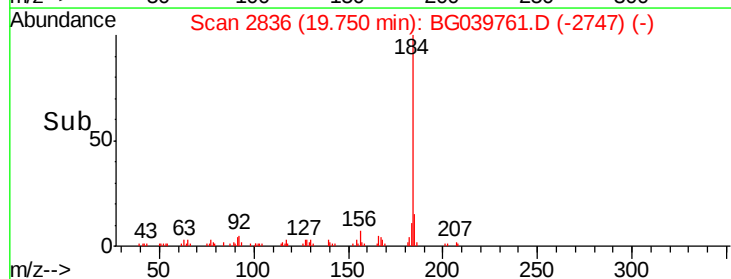
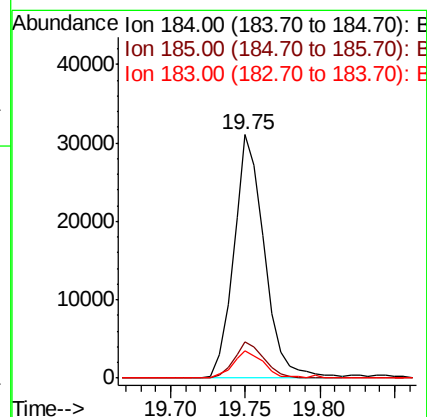
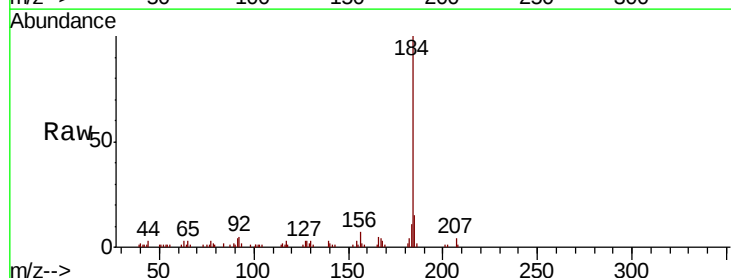
Instrument :
BNA_G
ClientSampleId :

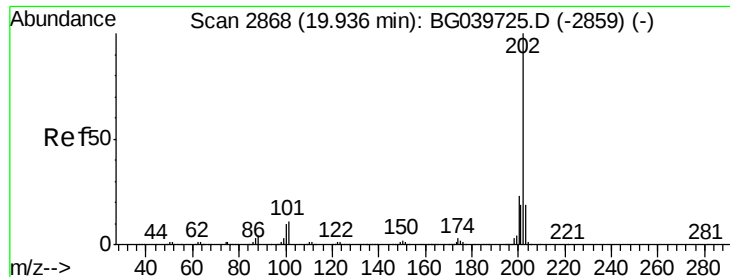
Tot Ion:240 Resp: 373559
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 27.2 21.0 31.4



#77
Benzidine
Concen: 3.741 ng
RT: 19.75 min Scan# 2836
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:184 Resp: 44348
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.3 10.6 15.8

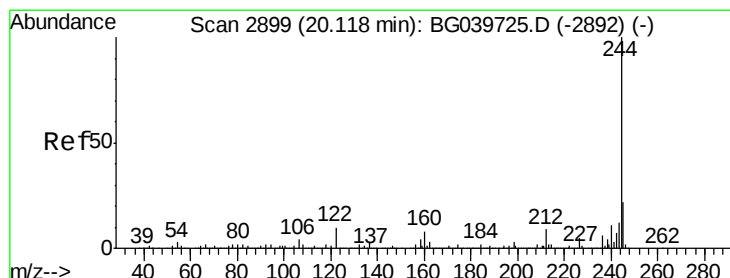
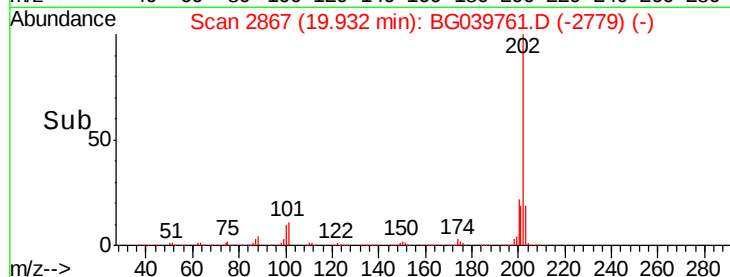
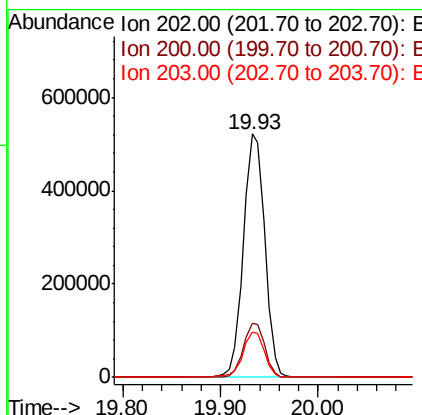
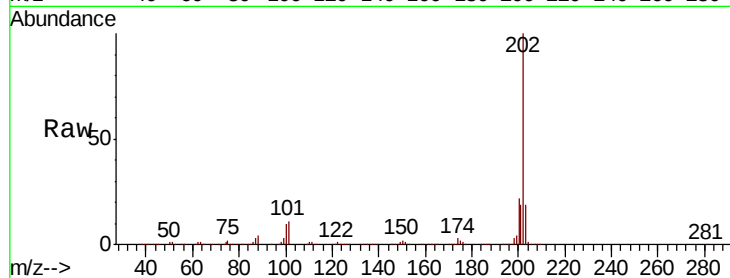




#78
Pvrene
Concen: 32.636 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

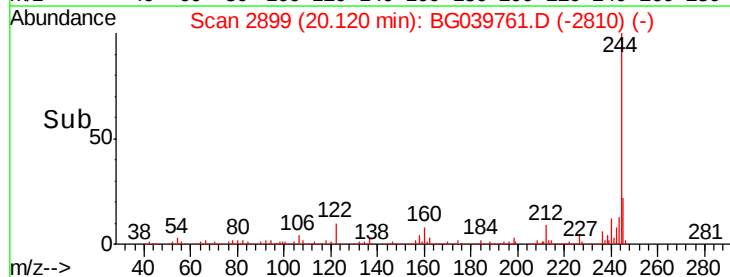
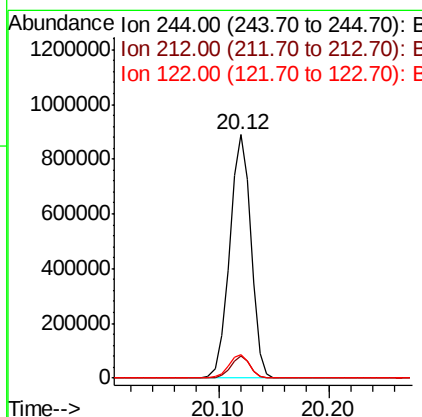
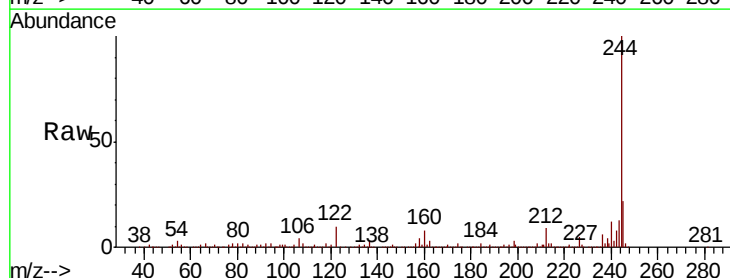
Instrument :
BNA_G
ClientSampleId :

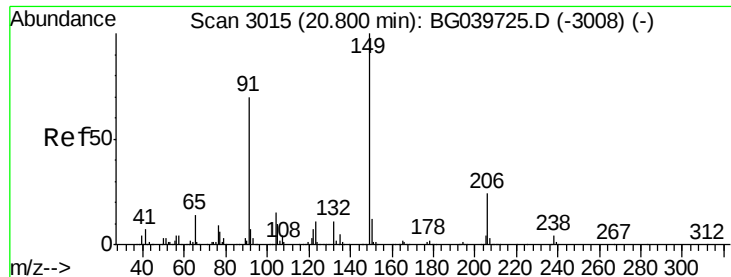
Tot Ion:202 Resp: 792220
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.8
203 18.5 15.3 22.9



#79
Terphenyl-d14
Concen: 70.923 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:244 Resp: 1203283
Ion Ratio Lower Upper
244 100
212 9.3 7.3 10.9
122 9.7 8.4 12.6

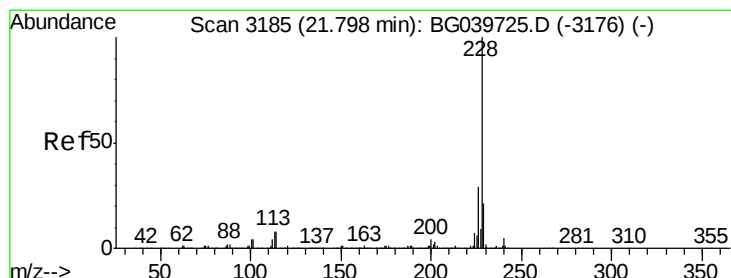
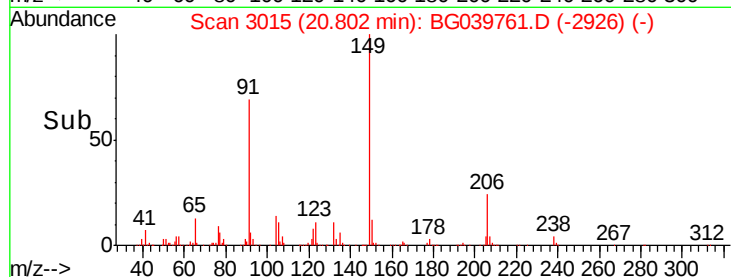
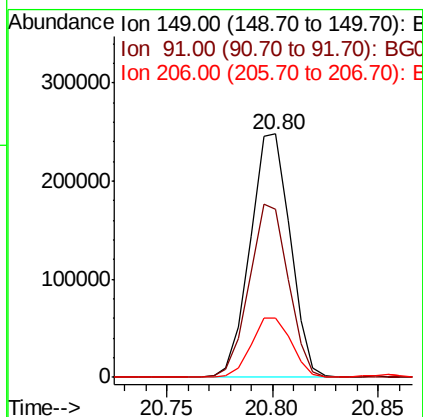
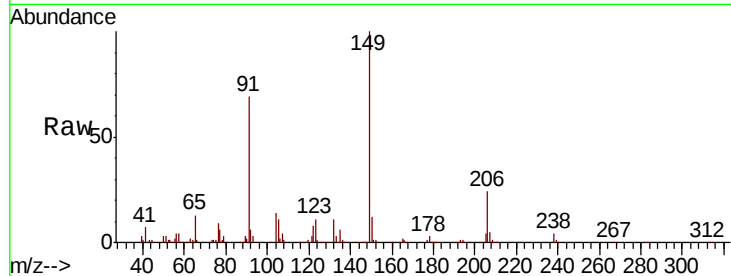




#80
Butylbenzylphthalate
Concen: 34.843 ng
RT: 20.80 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

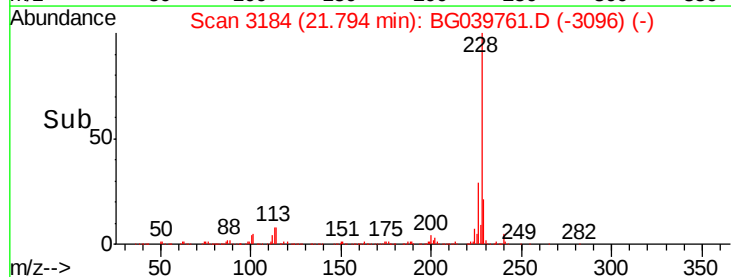
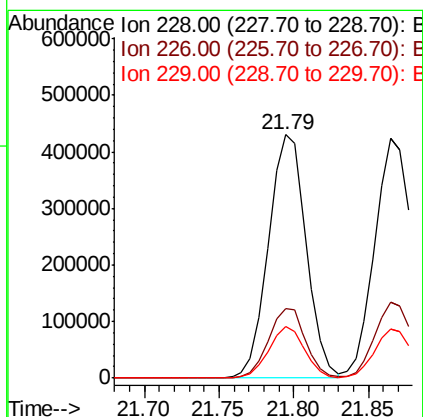
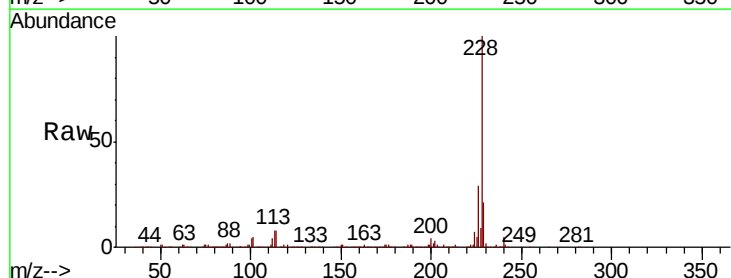
Instrument :
BNA_G
ClientSampleId :

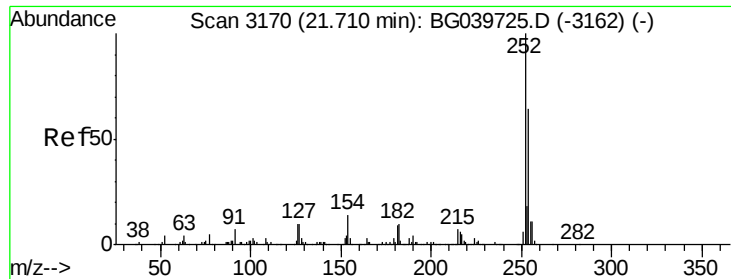
Tot Ion:149 Resp: 327677
Ion Ratio Lower Upper
149 100
91 68.9 59.5 89.3
206 24.2 18.6 27.8



#81
Benzo(a)anthracene
Concen: 32.326 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:228 Resp: 756826
Ion Ratio Lower Upper
228 100
226 28.8 23.0 34.6
229 21.0 16.9 25.3

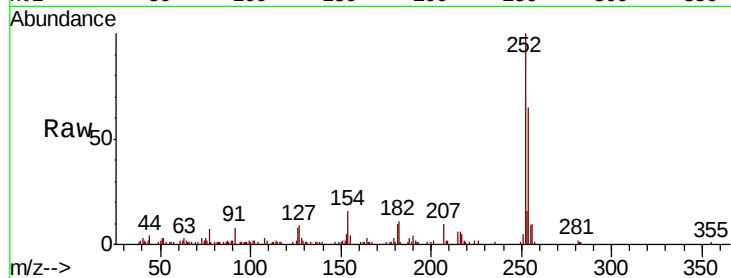




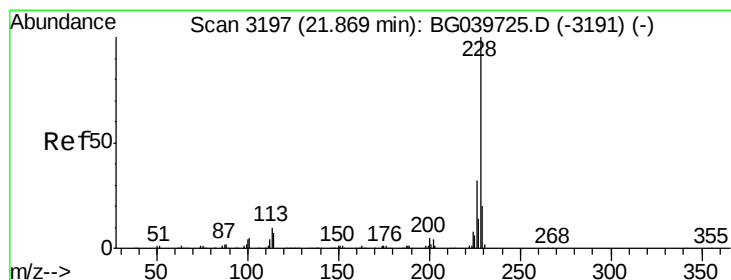
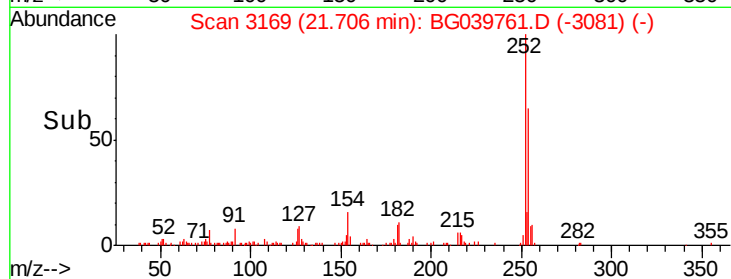
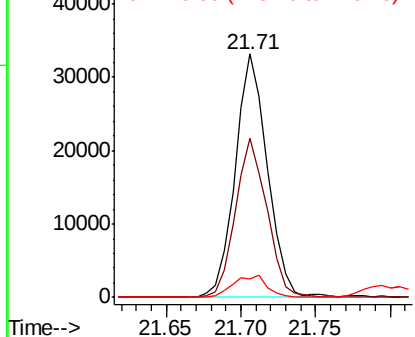
#82
 3,3'-Dichlorobenzidine
 Concen: 5.787 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 49469
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.3 76.9
 126 7.6 8.0 12.0#

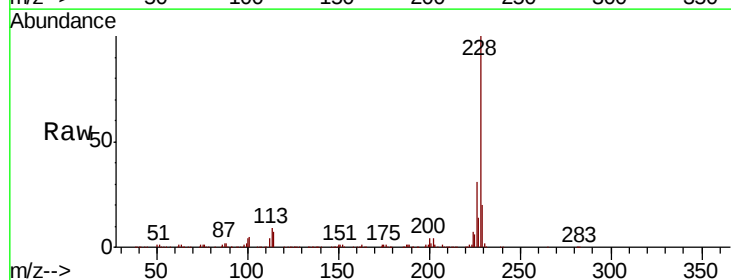


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

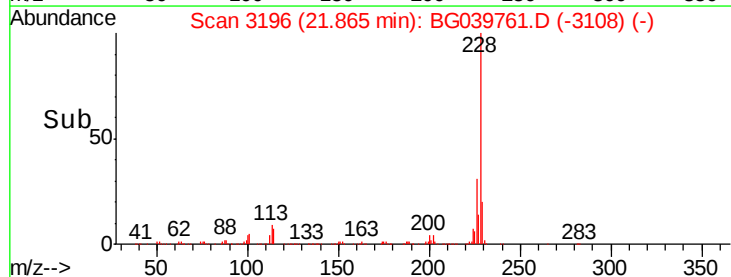
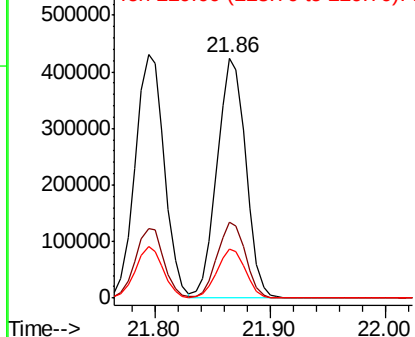


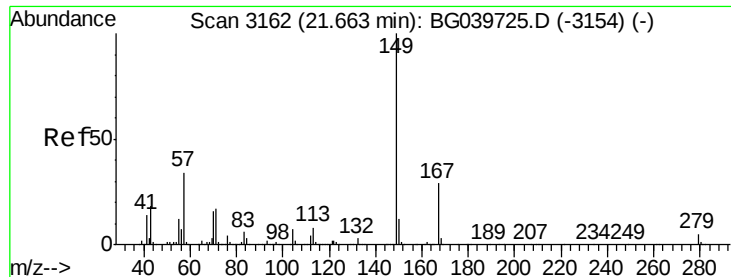
#83
 Chrysene
 Concen: 32.127 ng
 RT: 21.86 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt Ion:228 Resp: 729201
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.8 38.6
 229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 34.665 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

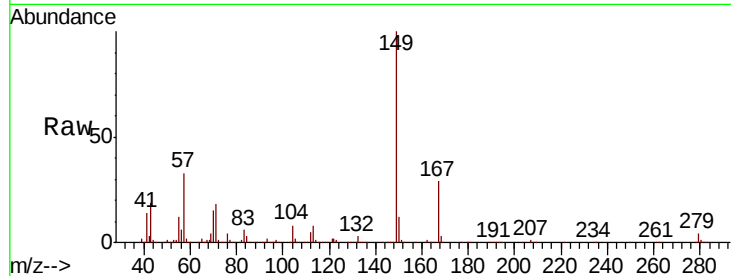
Tot Ion:149 Resp: 458111

Ion Ratio Lower Upper

149 100

167 29.2 22.6 34.0

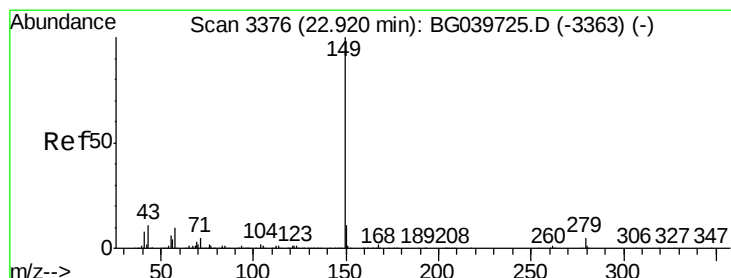
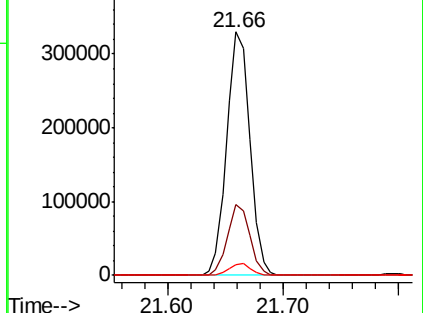
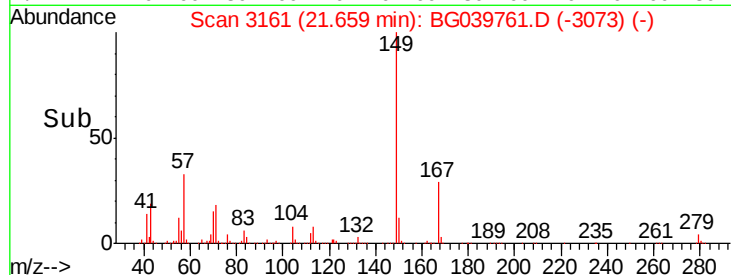
279 4.5 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 35.856 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

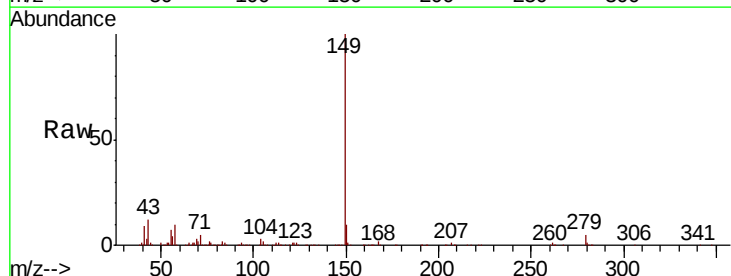
Tgt Ion:149 Resp: 784589

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

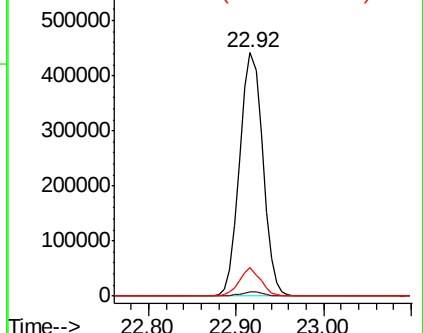
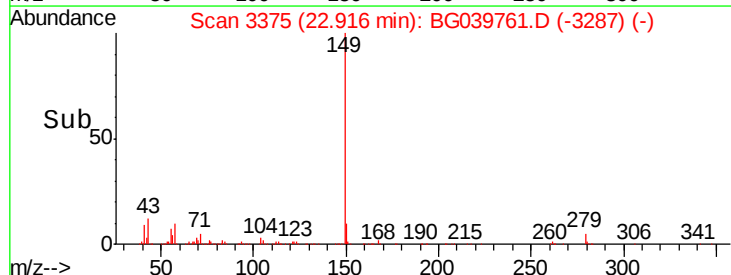
43 10.8 10.2 15.4

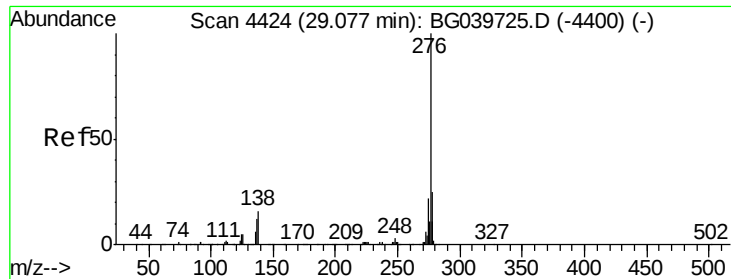


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

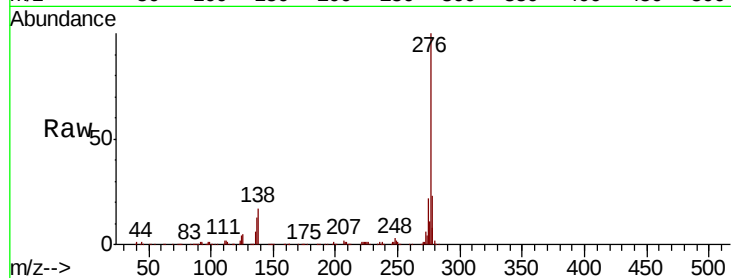




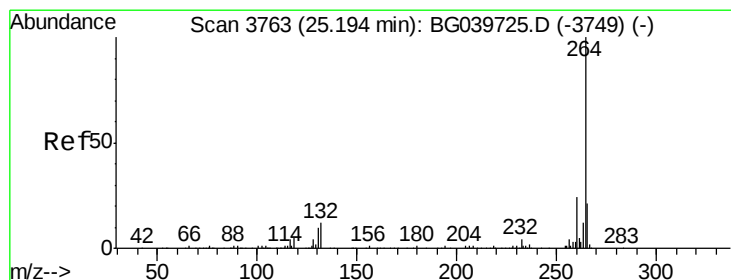
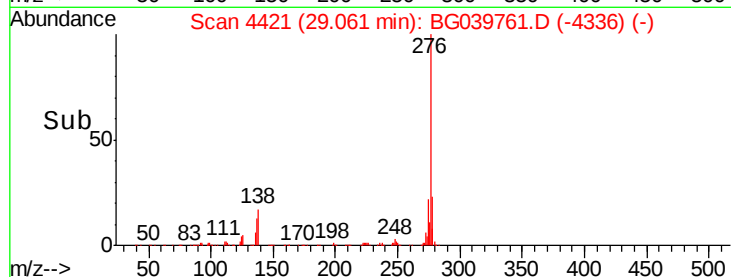
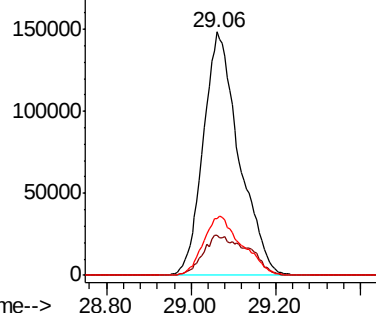
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.629 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.03 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 865912
Ion Ratio Lower Upper
276 100
138 20.7 12.6 19.0#
277 26.0 20.8 31.2

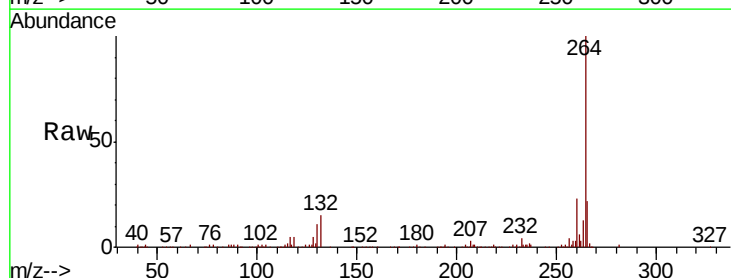


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

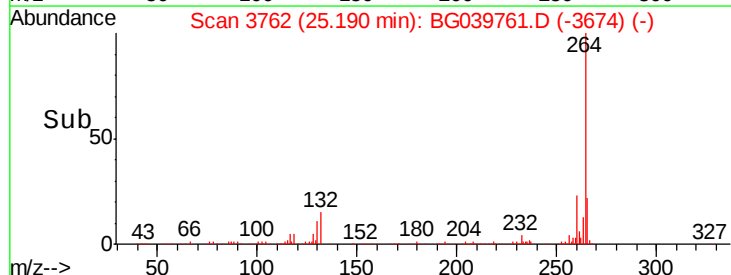
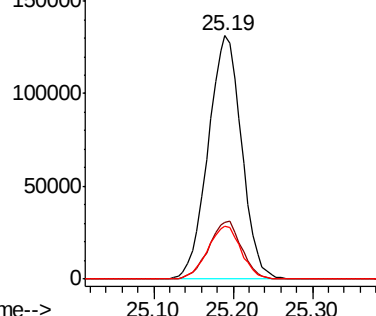


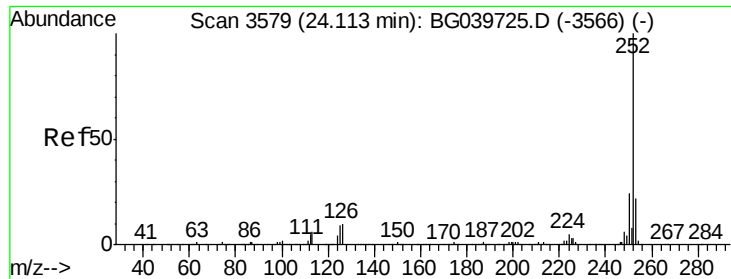
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion:264 Resp: 384404
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.4
265 21.6 18.5 27.7



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

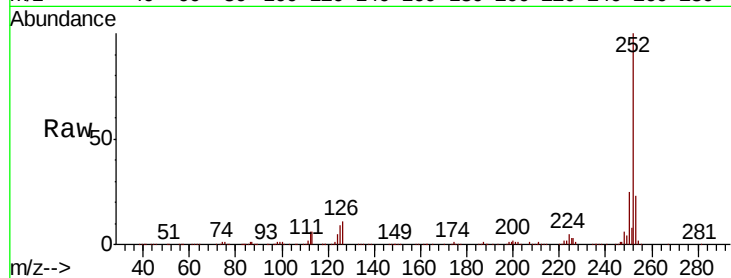




#88
Benzo(b)fluoranthene
Concen: 33.132 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.0	7.8	11.6

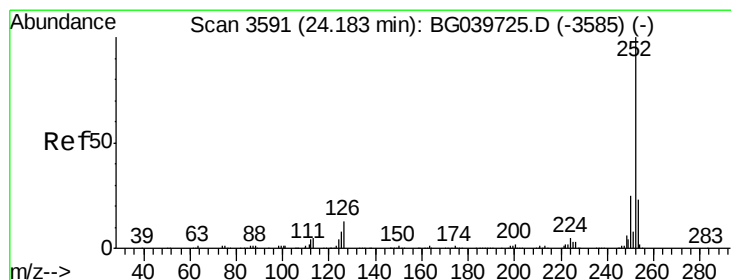
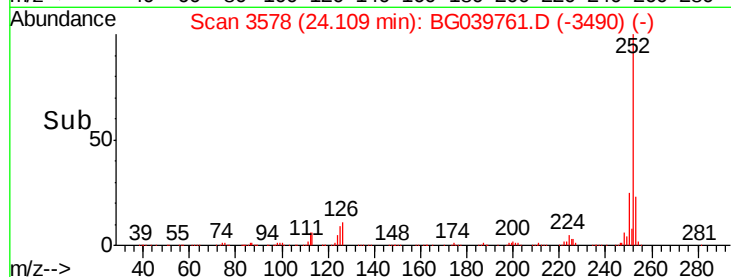
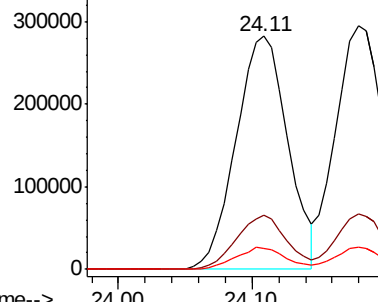


Abundance

Ion 252.00 (251.70 to 252.70): E

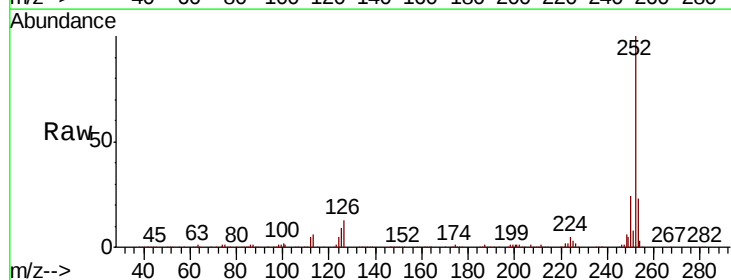
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 34.313 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.1	7.4	11.2

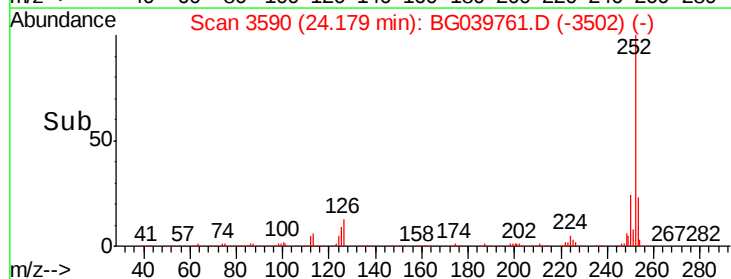
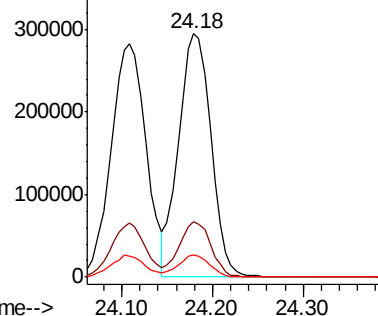


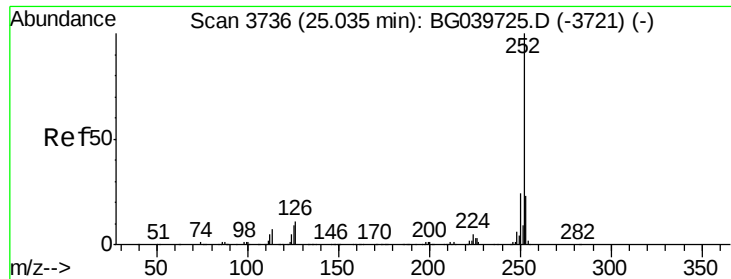
Abundance

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: 34.897 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Instrument :

BNA_G

ClientSampleId :

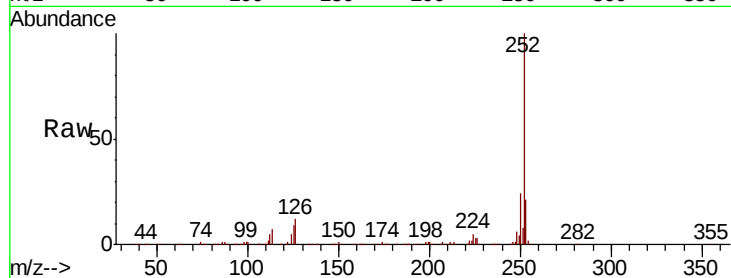
Tot Ion:252 Resp: 739180

Ion Ratio Lower Upper

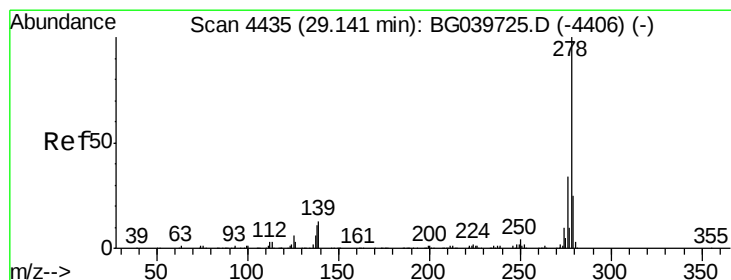
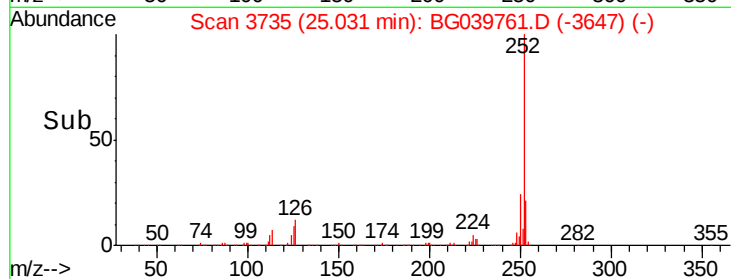
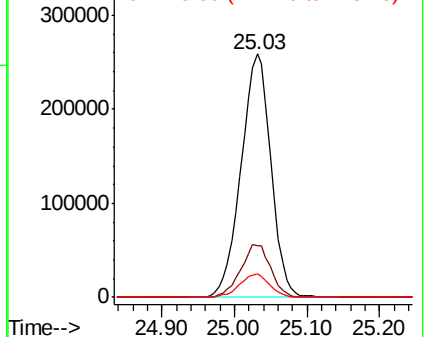
252 100

253 21.3 17.9 26.9

125 9.4 8.3 12.5



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: 33.928 ng

RT: 29.14 min Scan# 4434

Delta R.T. -0.02 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

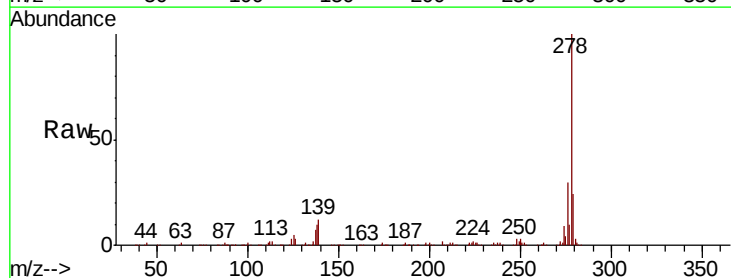
Tgt Ion:278 Resp: 704552

Ion Ratio Lower Upper

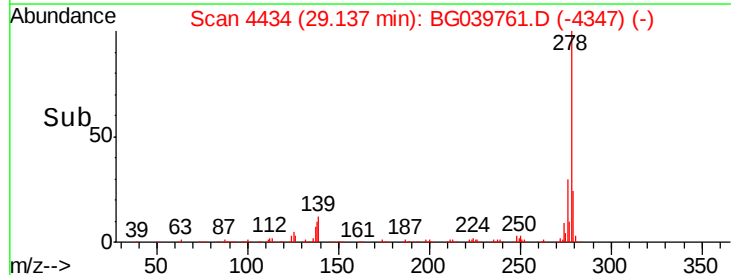
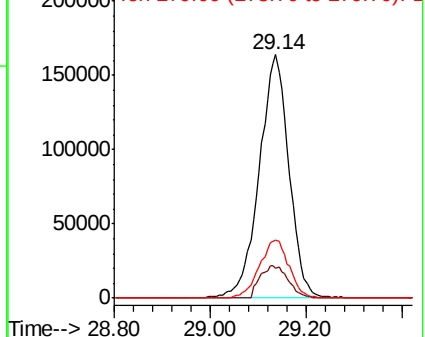
278 100

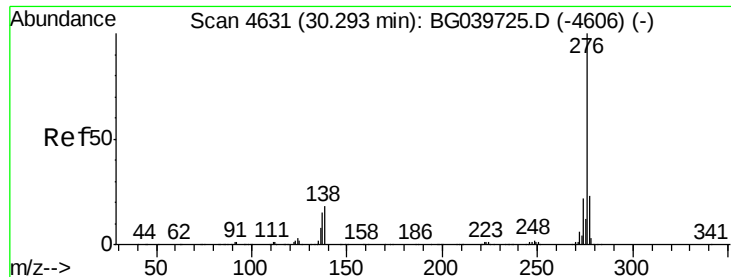
139 12.1 11.7 17.5

279 23.6 19.1 28.7



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

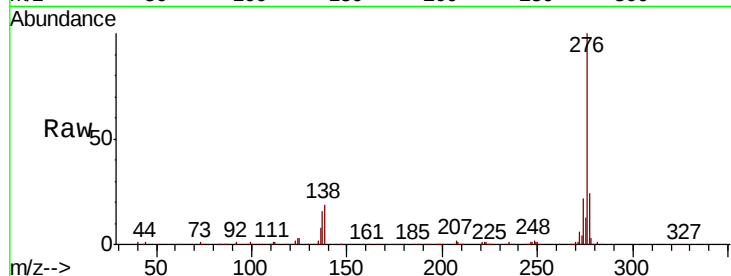




#92
 Benzo(a,h,i)perylene
 Concen: 34.140 ng
 RT: 30.30 min Scan# 4632
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	18.7	14.7	22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

