

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 12:33:05 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						
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				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
33) 4-Chloroaniline	11.14	127	9135	1.931	ng	93
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

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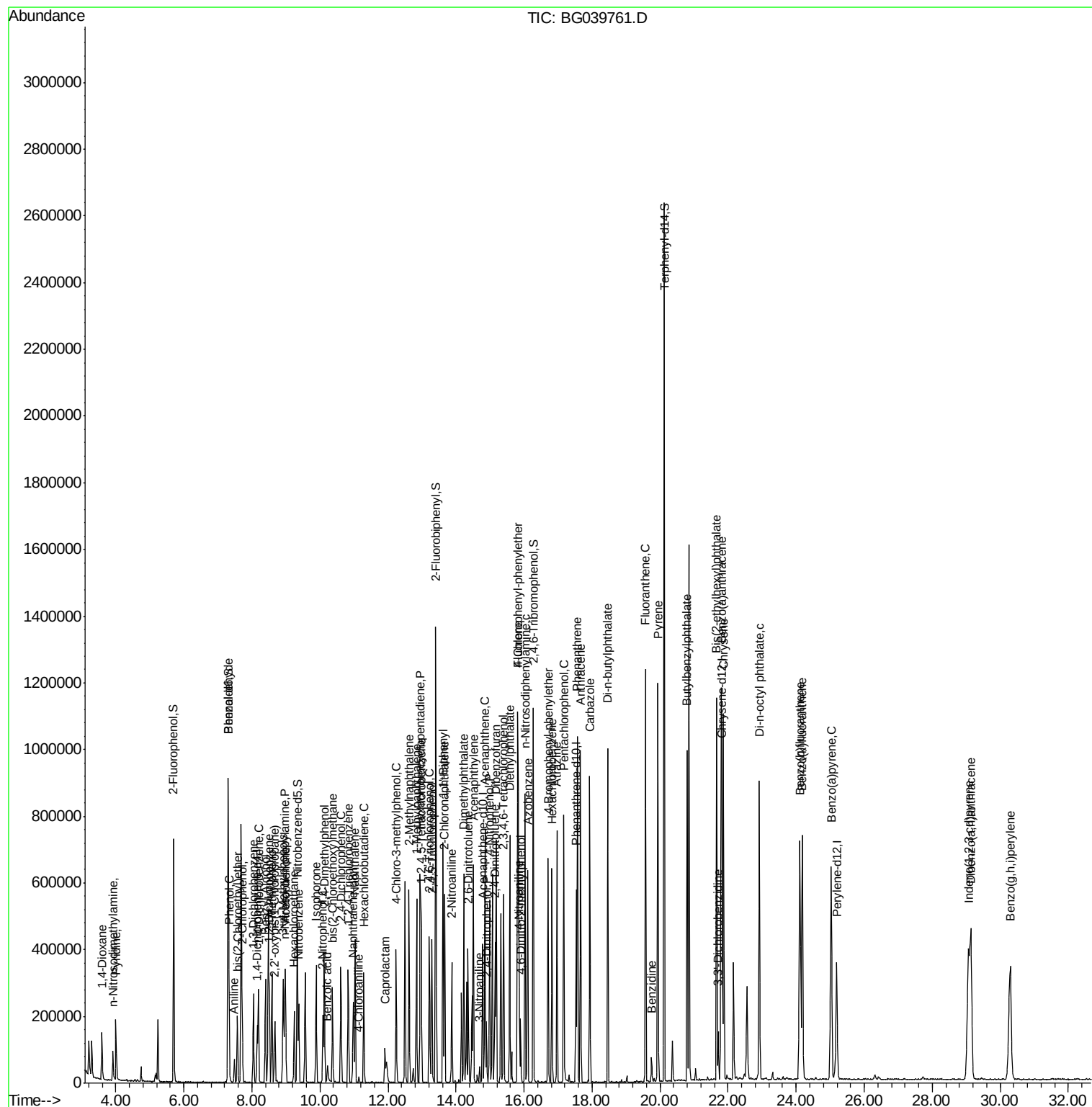
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	187598	70.023	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	108950	37.225	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	118410	35.892	ng	99
46) 1,1'-Biphenyl	13.62	154	386501	31.844	ng	99
47) 2-Chloronaphthalene	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

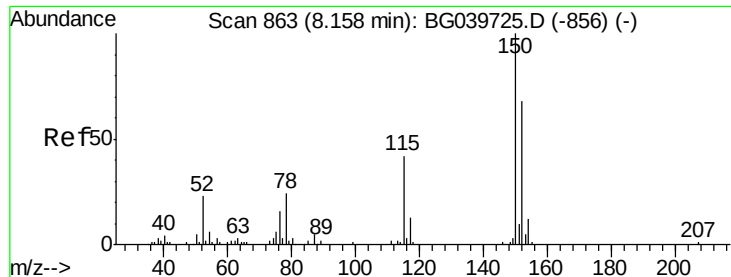
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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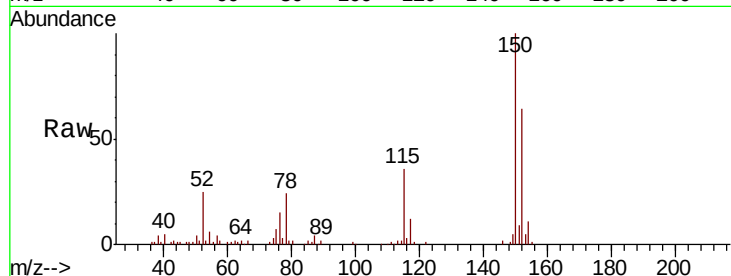


#1

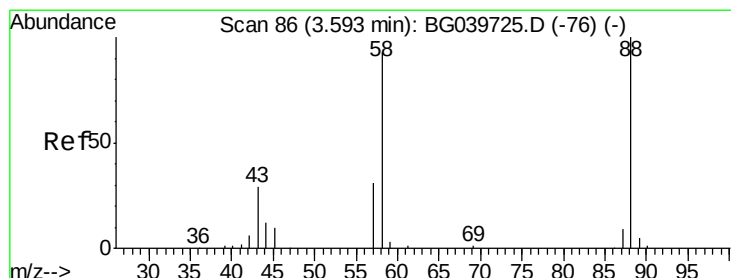
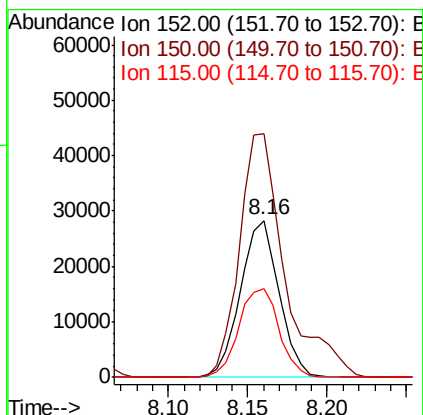
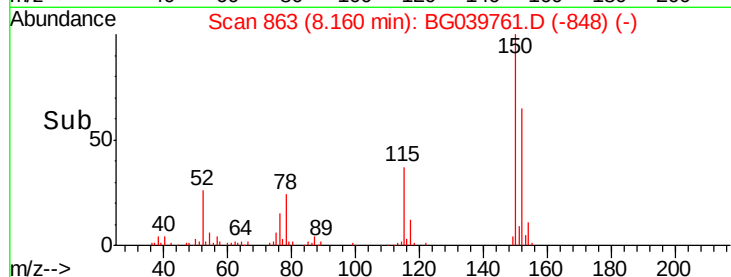
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

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



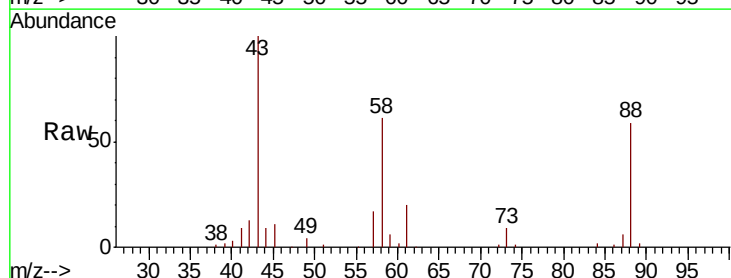
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



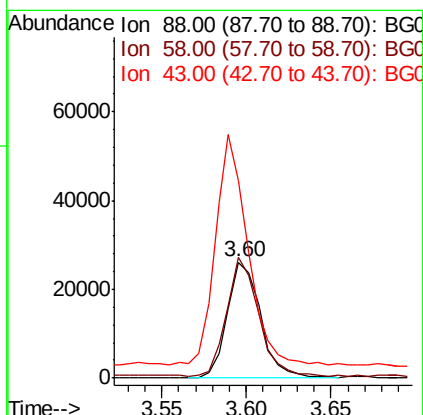
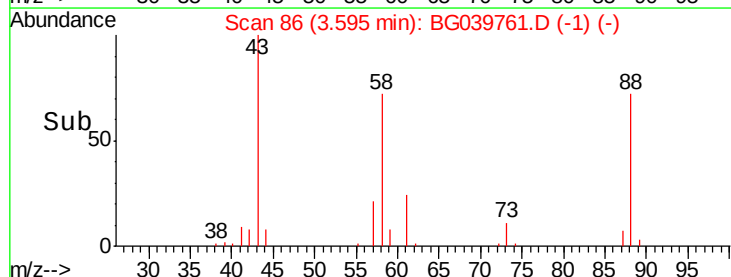
#2

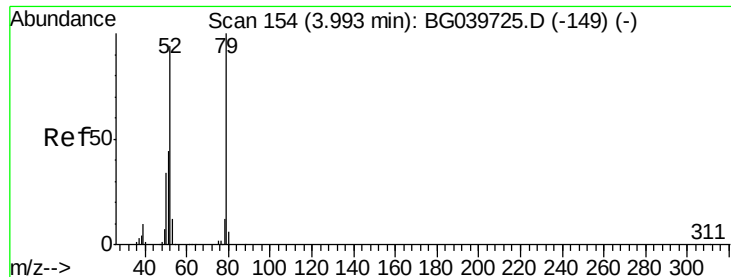
1,4-Dioxane
Concen: 27.771 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

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 :

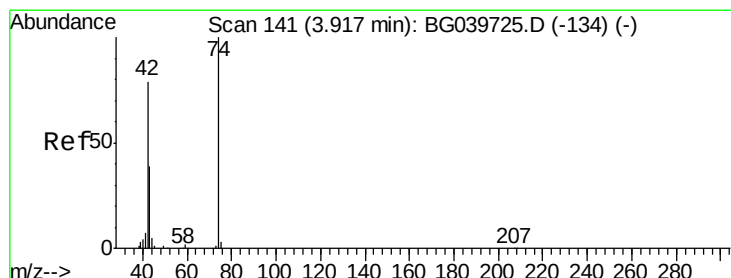
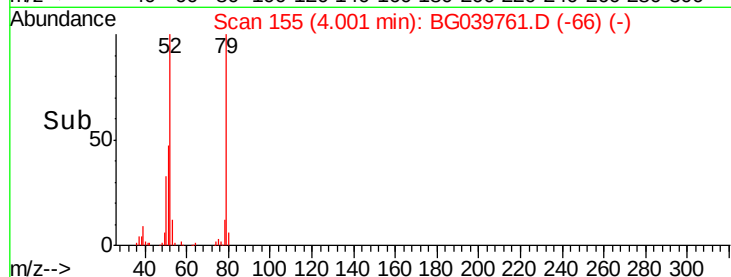
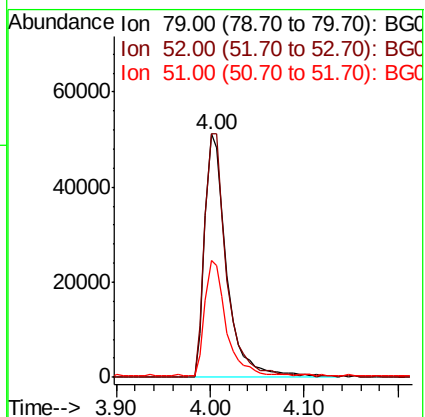
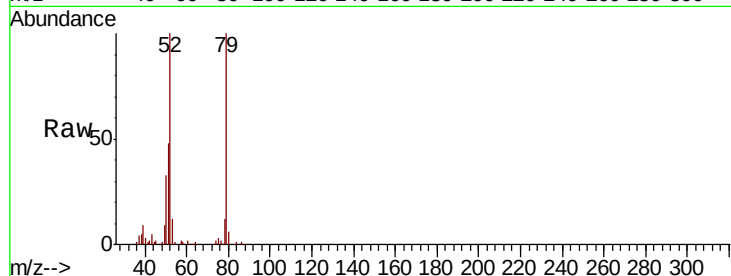
Tot Ion: 79 Resp: 84324

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

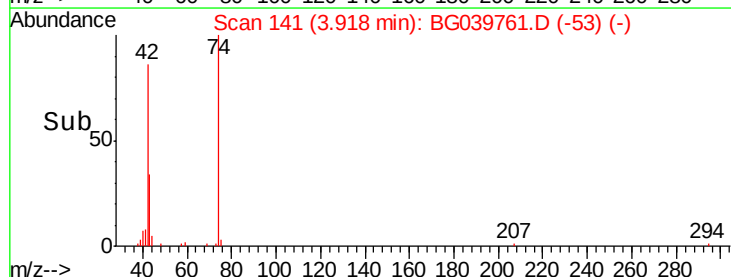
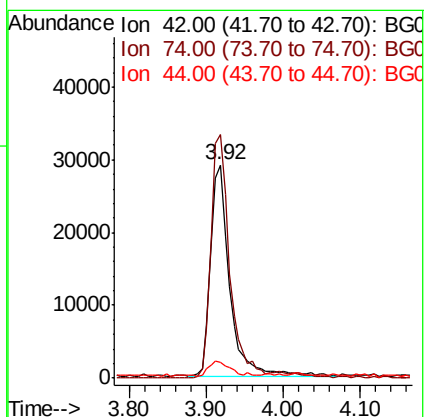
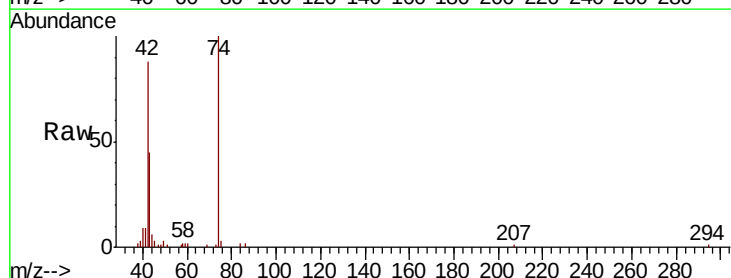
Tgt Ion: 42 Resp: 49512

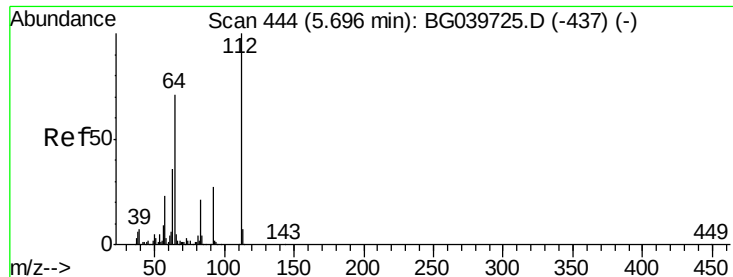
Ion Ratio Lower Upper

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 :

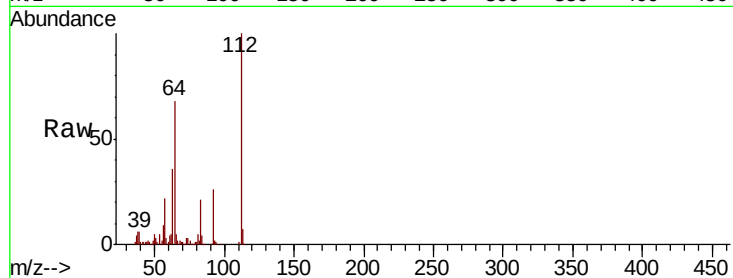
Tot Ion:112 Resp: 309018

Ion Ratio Lower Upper

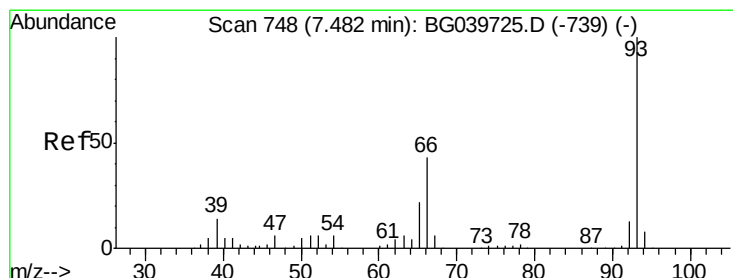
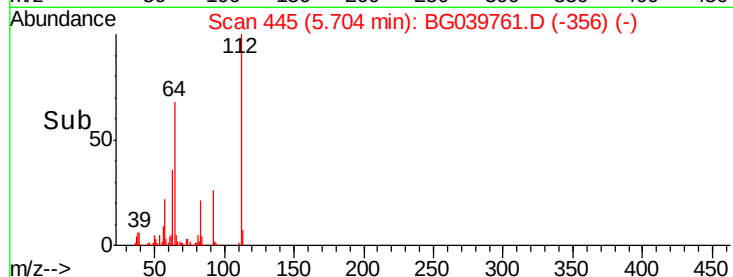
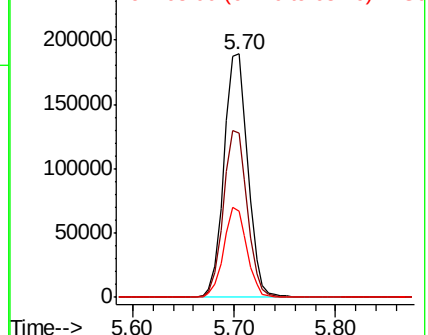
112 100

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

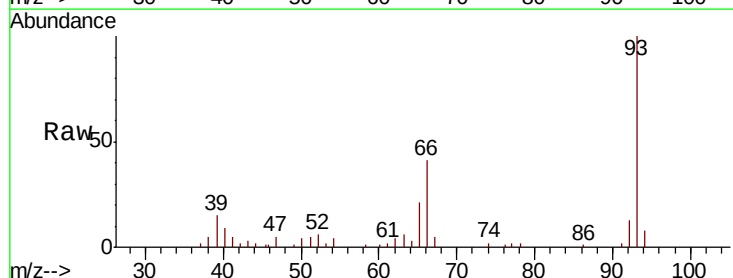
Tgt Ion: 93 Resp: 46000

Ion Ratio Lower Upper

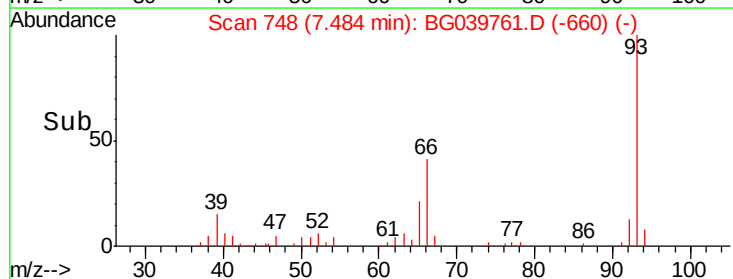
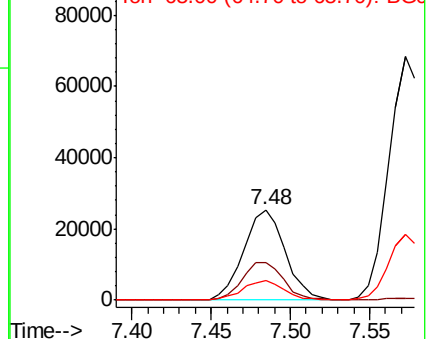
93 100

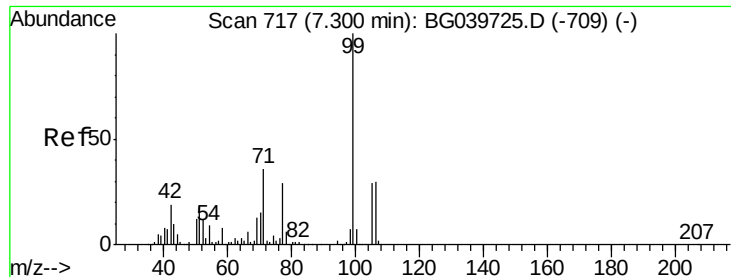
66 41.1 34.2 51.4

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 :

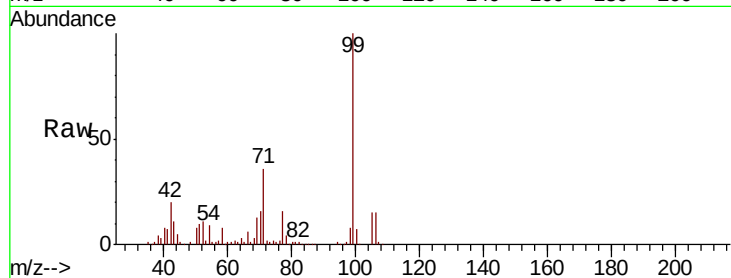
Tot Ion: 99 Resp: 423797

Ion Ratio Lower Upper

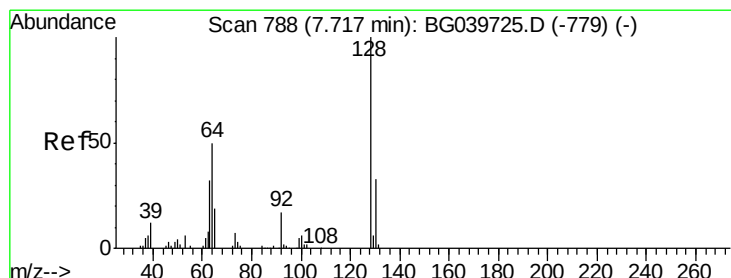
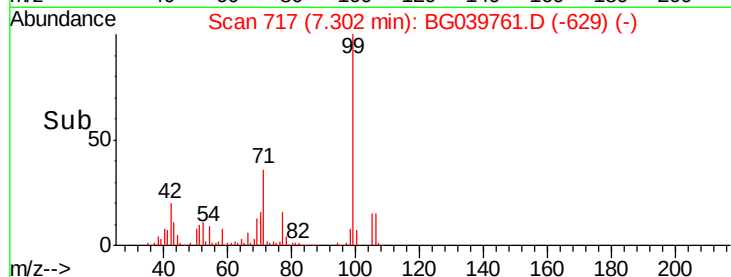
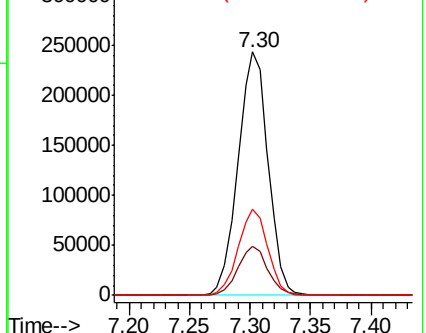
99 100

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

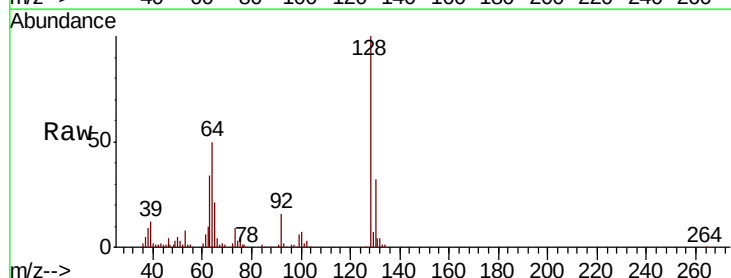
Tgt Ion: 128 Resp: 111130

Ion Ratio Lower Upper

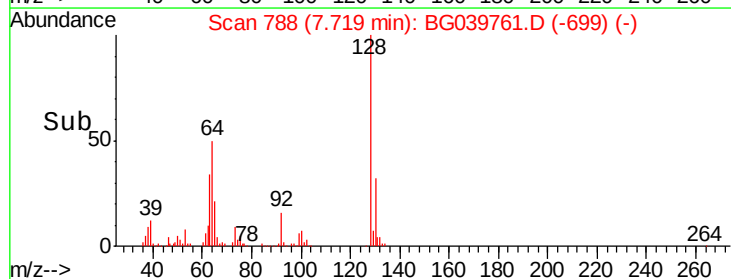
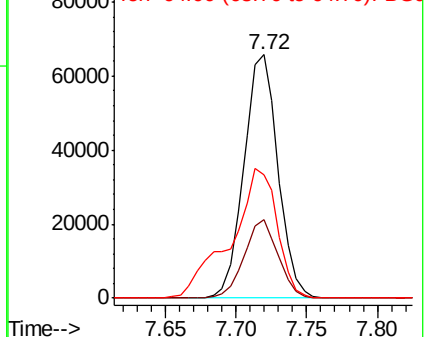
128 100

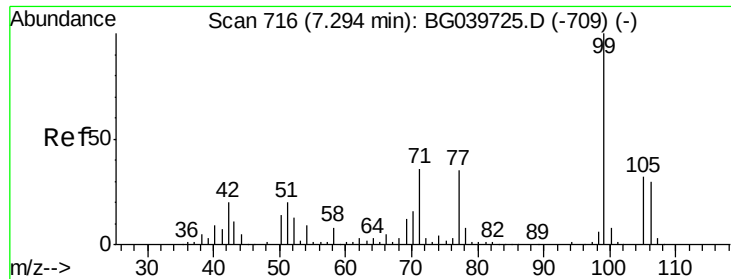
130 32.2 12.9 52.9

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 :

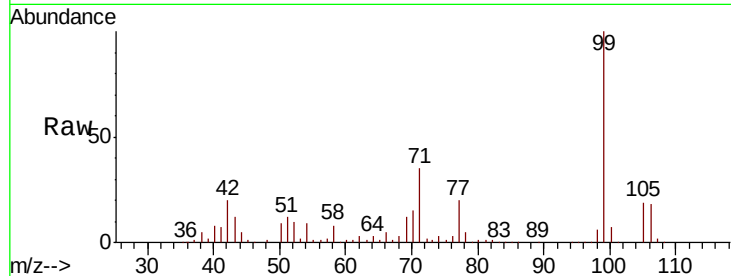
Tot Ion: 77 Resp: 75297

Ion Ratio Lower Upper

77 100

105 94.4 74.5 114.5

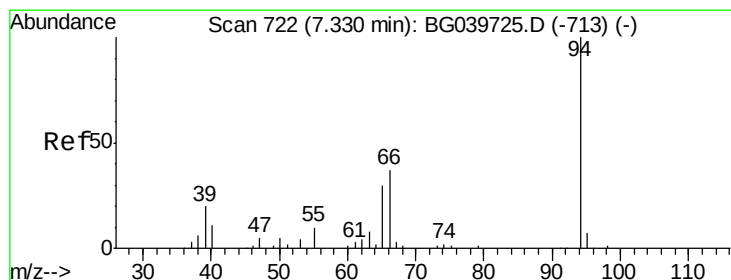
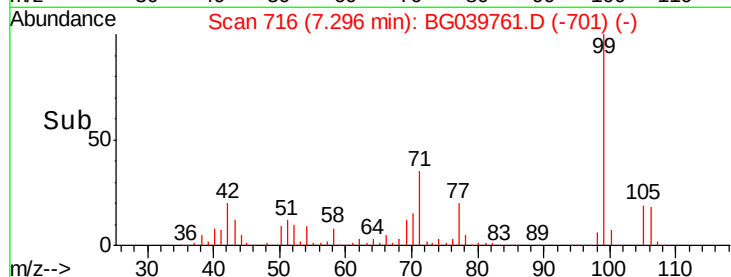
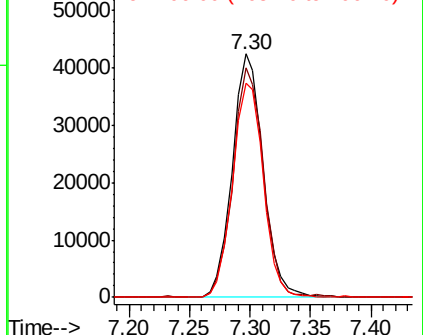
106 87.7 68.0 108.0



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

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Acq: 5 Mar 2019 11:30

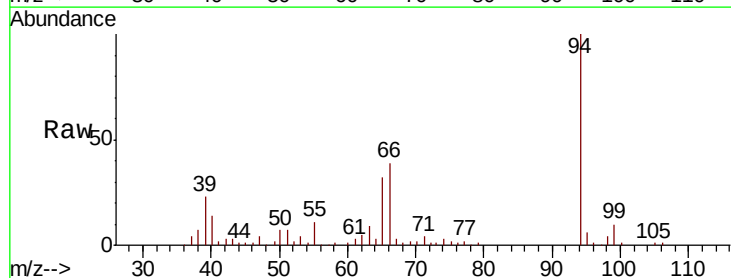
Tgt Ion: 94 Resp: 136120

Ion Ratio Lower Upper

94 100

65 32.1 11.7 51.7

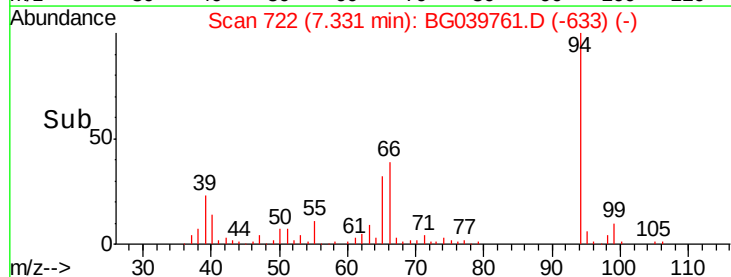
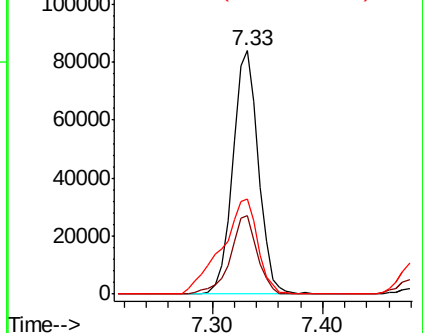
66 39.0 23.7 63.7

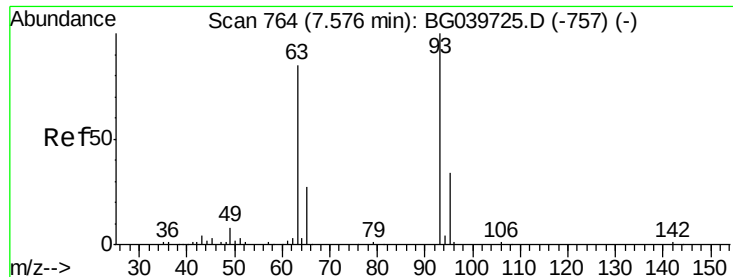


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

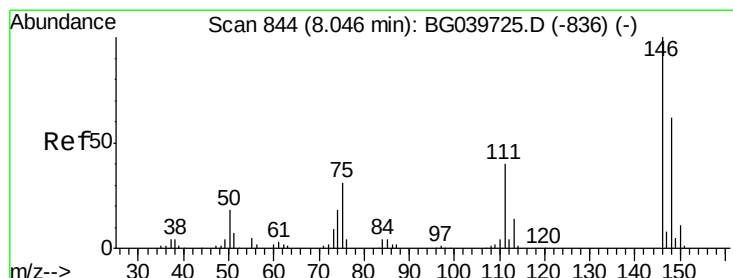
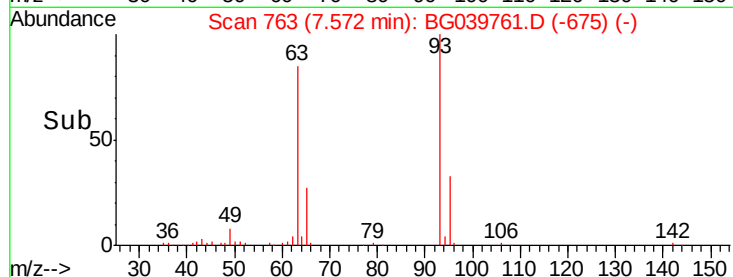
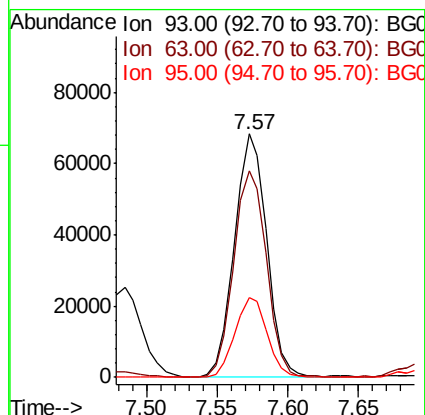
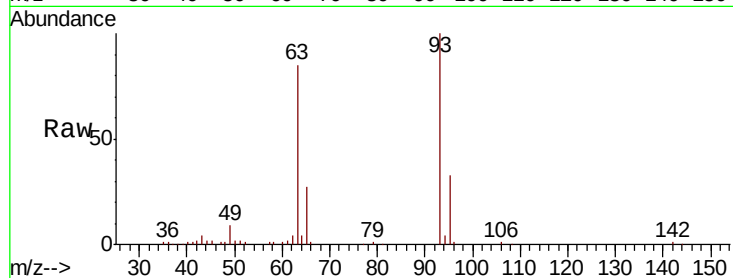




#11
bis(2-Chloroethyl)ether
Concen: 31.026 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

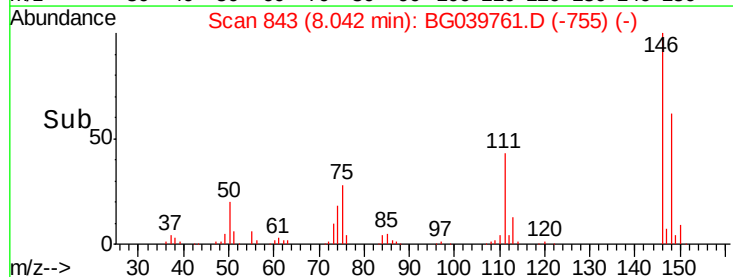
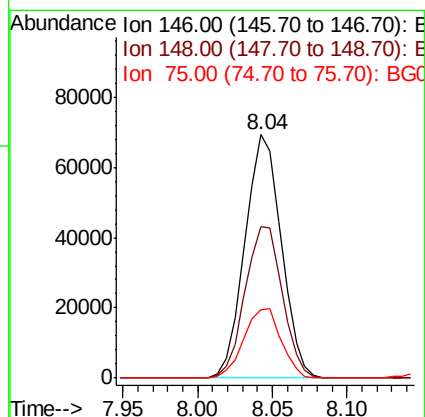
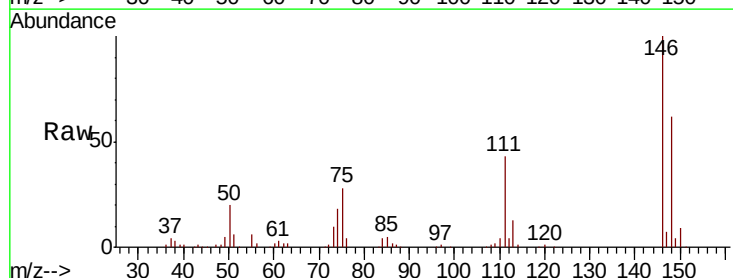
Instrument :
BNA_G
ClientSampleId :

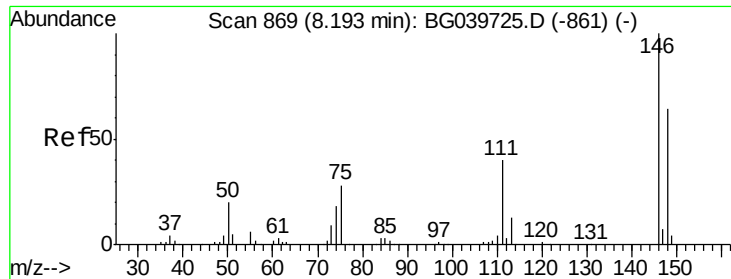
Tot Ion: 93 Resp: 109215
Ion Ratio Lower Upper
93 100
63 85.0 69.5 109.5
95 32.5 12.7 52.7



#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

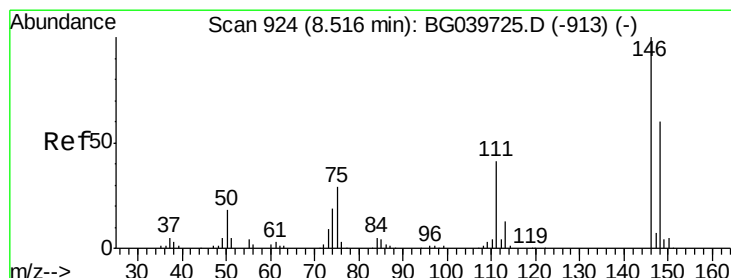
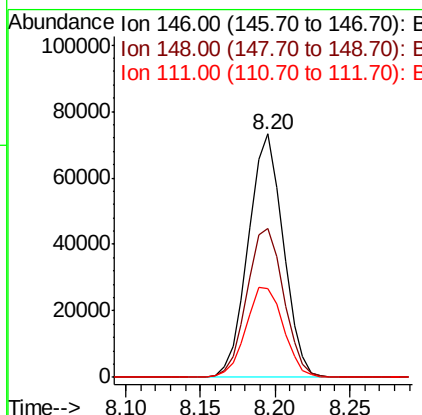
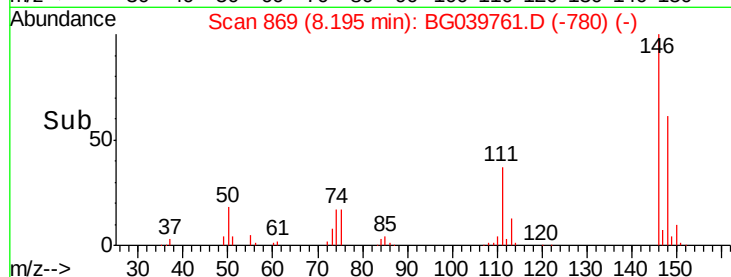
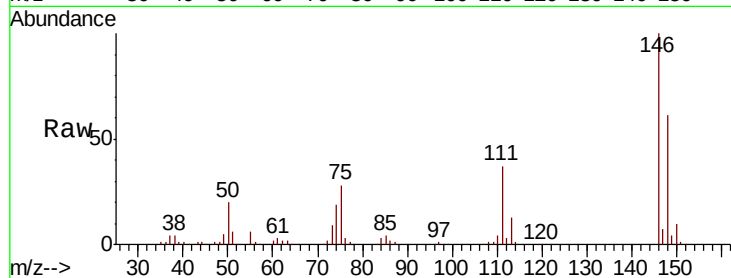




#13
 1,4-Dichlorobenzene
 Concen: 30.377 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

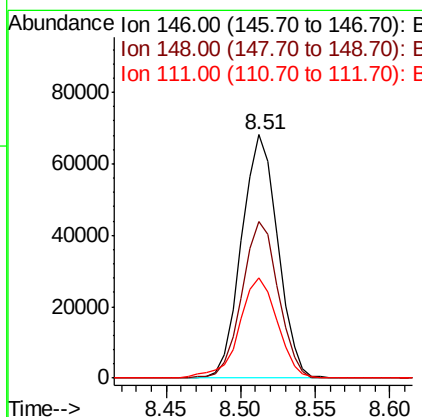
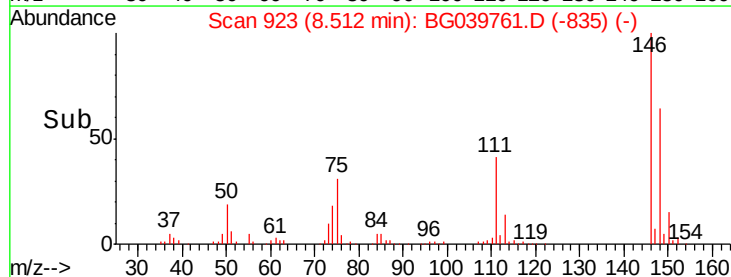
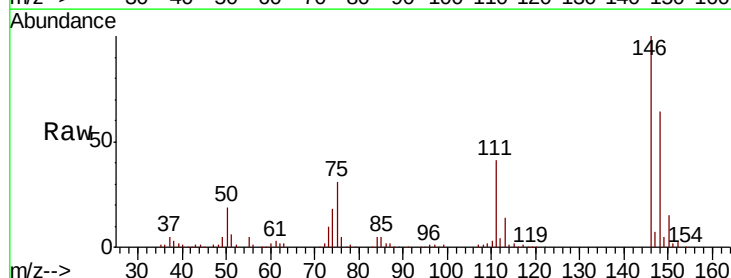
Instrument :
 BNA_G
 ClientSampled :

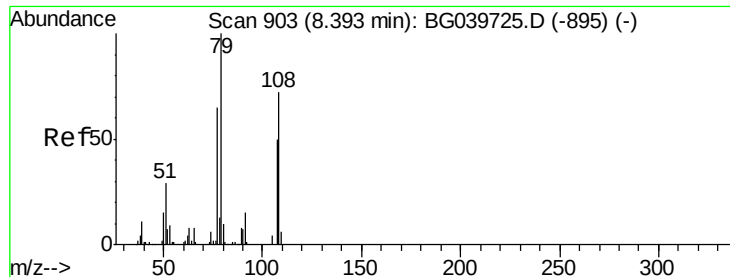
Tot Ion:146 Resp: 118662
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.1 76.7
 111 36.7 32.6 48.8



#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





#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 :

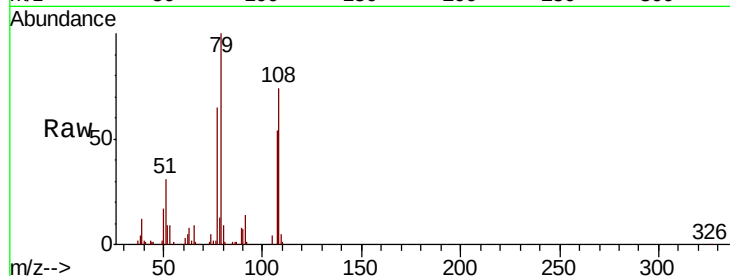
Tot Ion: 79 Resp: 108729

Ion Ratio Lower Upper

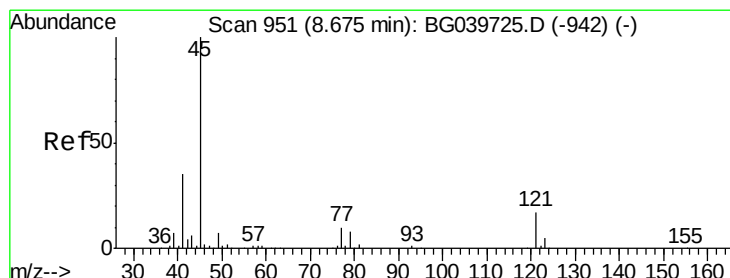
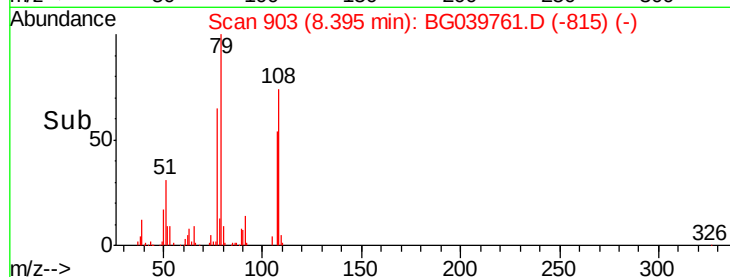
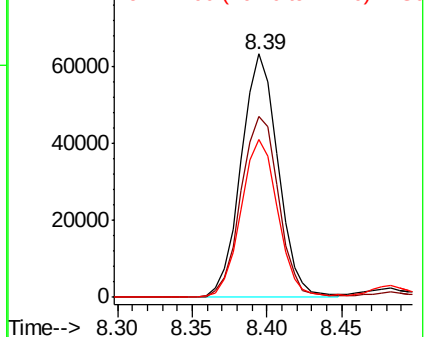
79 100

108 74.4 57.8 86.6

77 64.6 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 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

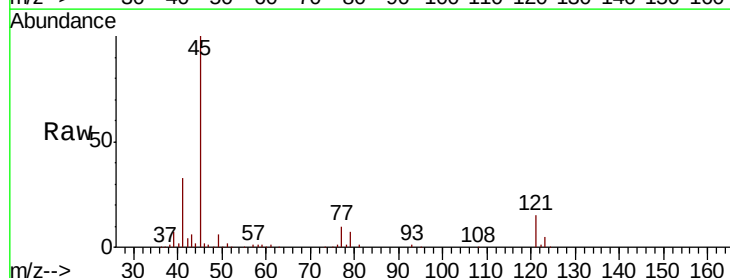
Tgt Ion: 45 Resp: 214324

Ion Ratio Lower Upper

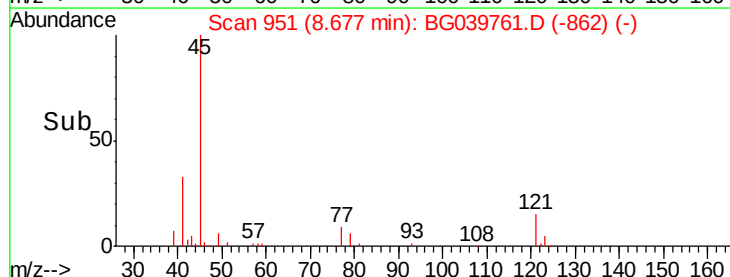
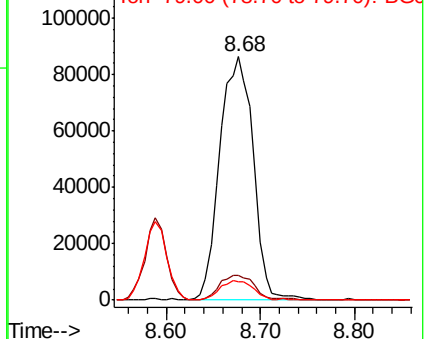
45 100

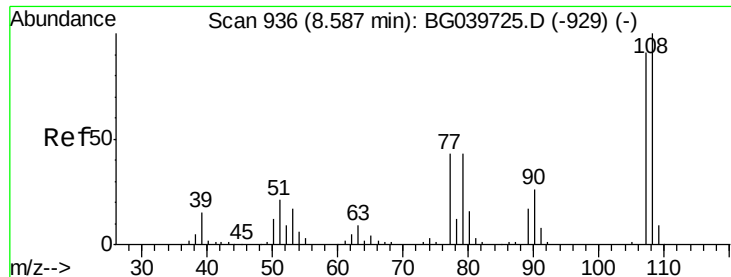
77 10.3 0.0 30.0

79 7.4 0.0 27.5



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

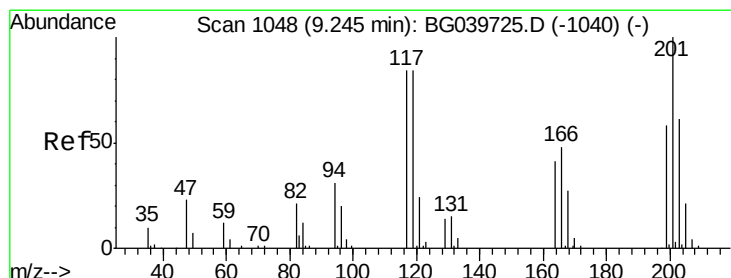
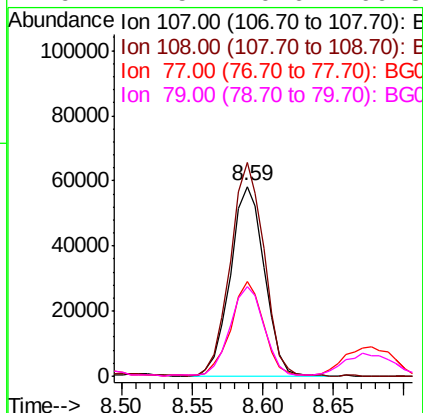
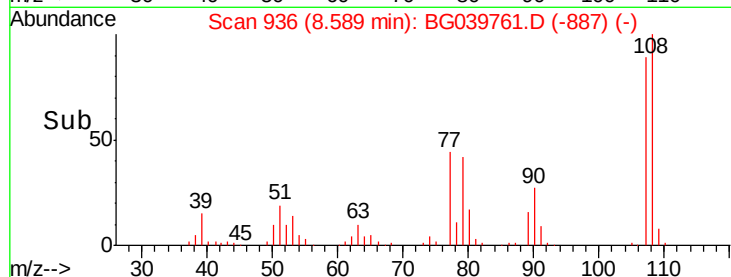
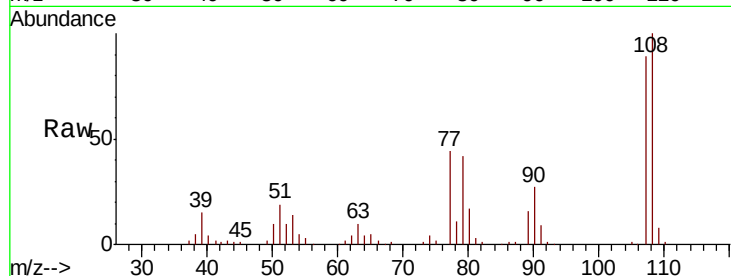




#17
2-Methylphenol
Concen: 34.123 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

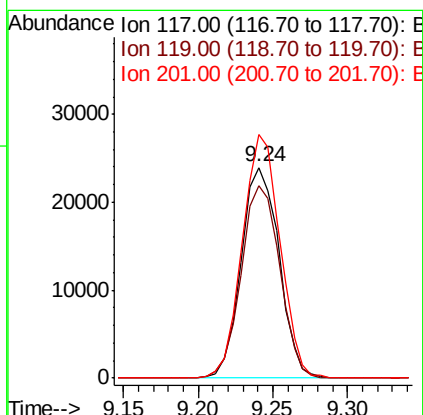
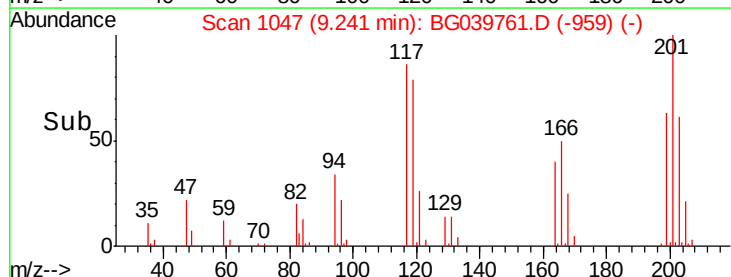
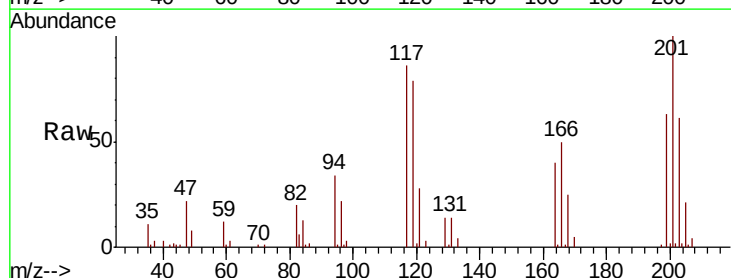
Instrument :
BNA_G
ClientSampleId :

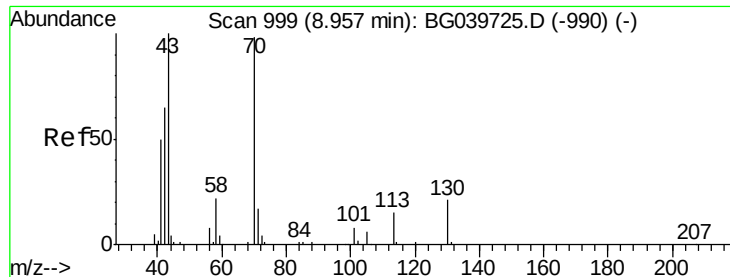
Tot Ion:	107	Resp:	98234
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.8	136.2
77	50.0	40.7	61.1
79	47.5	40.6	60.8



#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

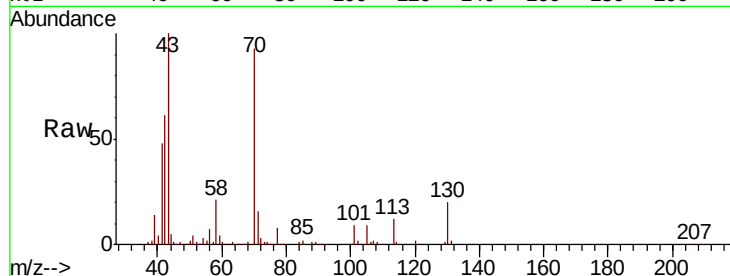




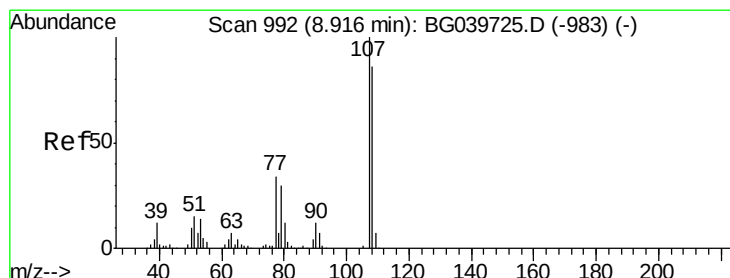
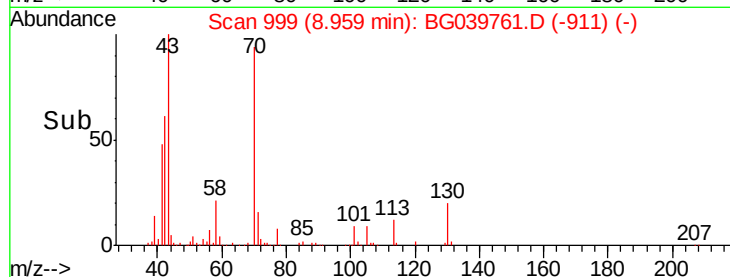
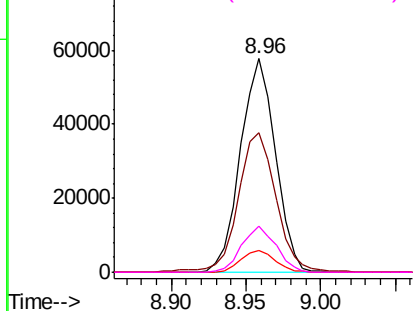
#19
n-Nitroso-di-n-propylamine
Concen: 31.231 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

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

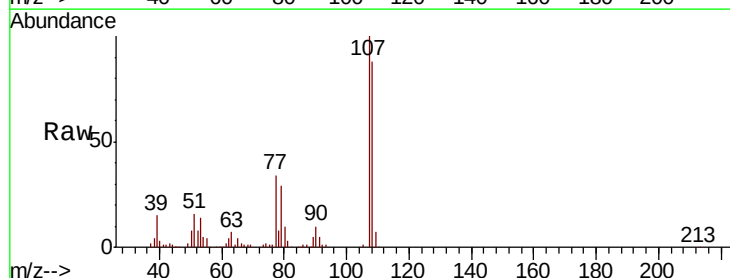


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

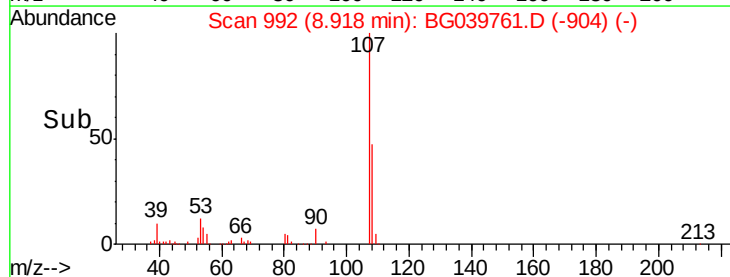
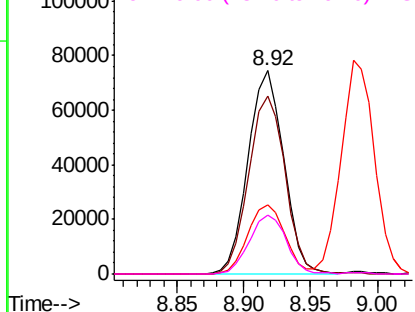


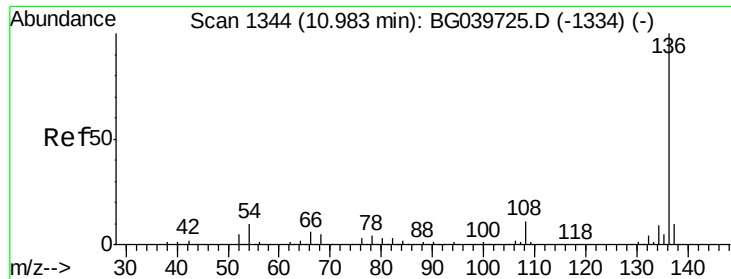
#20
3+4-Methylphenols
Concen: 34.519 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

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

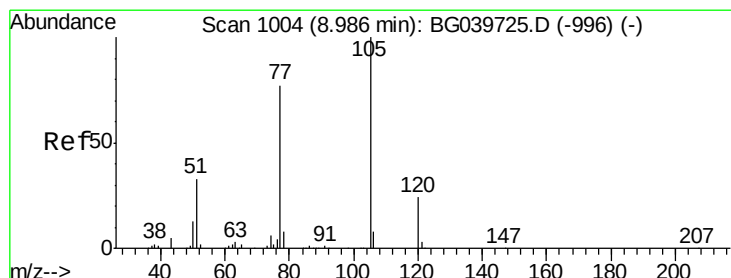
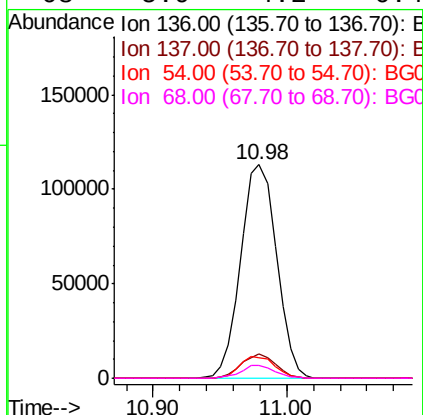
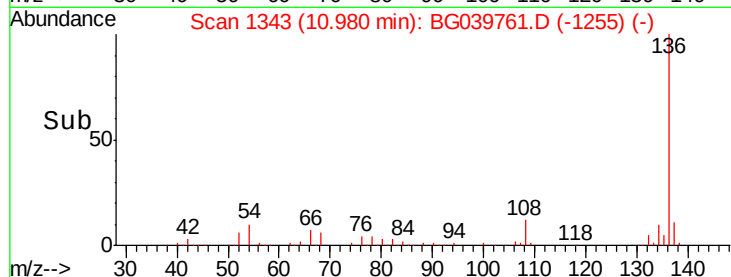
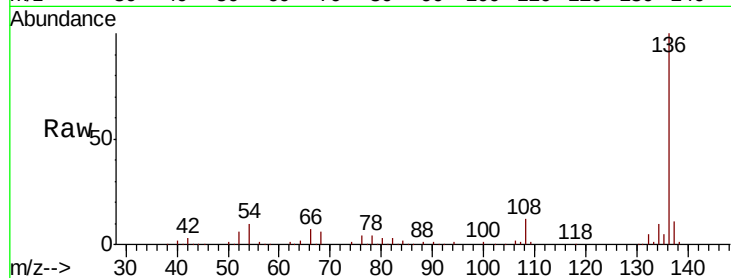




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

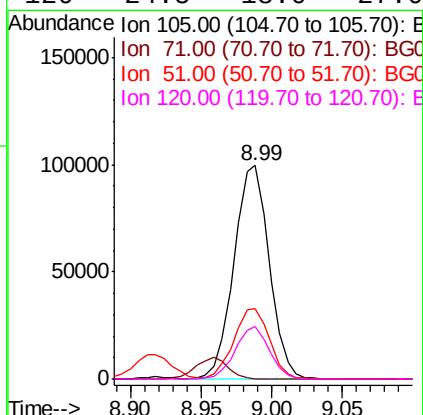
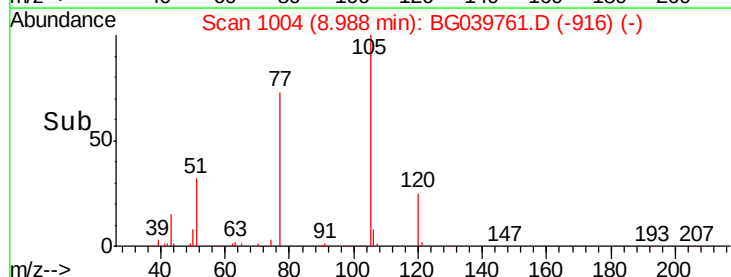
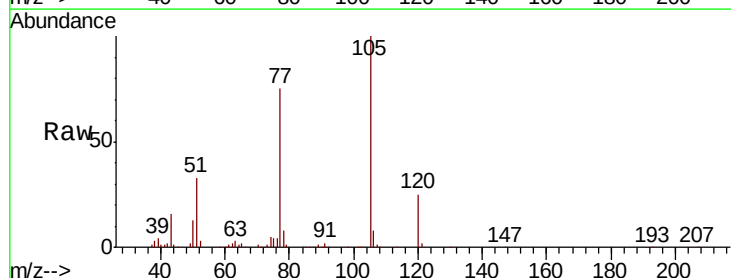
Instrument :
BNA_G
ClientSampleId :

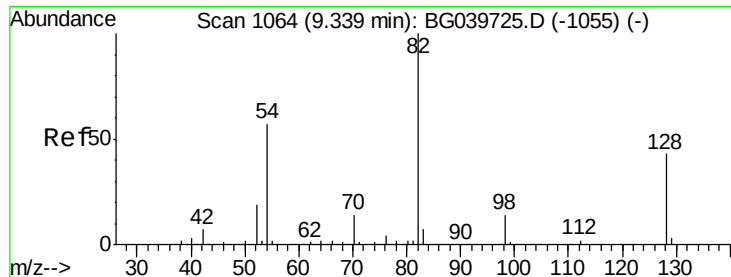
Tot Ion:136	Resp:	210729
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.1 13.7
54	9.9	9.4 14.2
68	5.9	4.2 6.4



#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

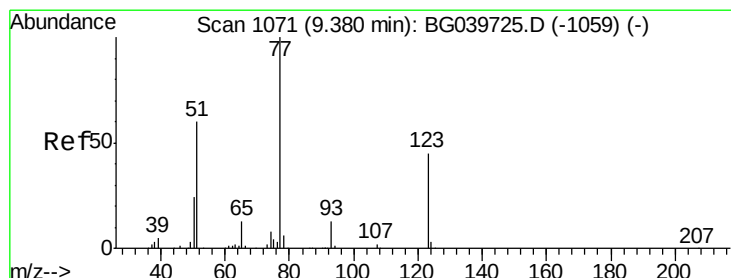
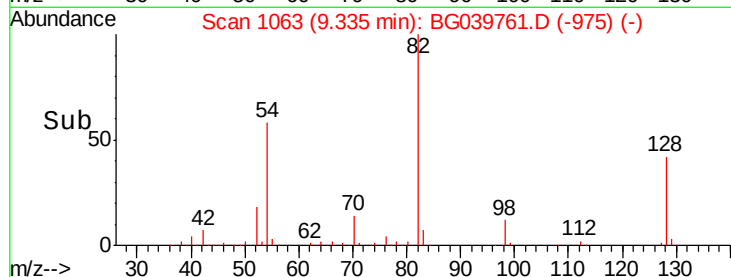
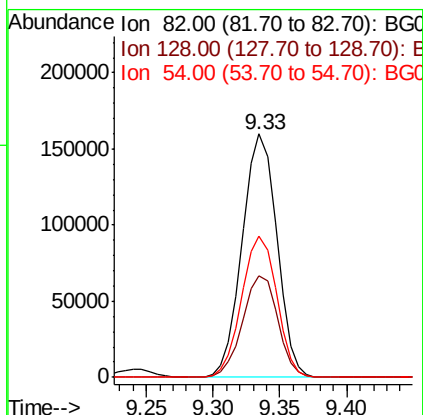
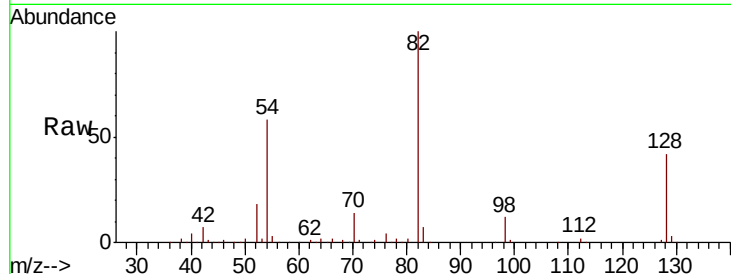




#23
 Nitrobenzene-d5
 Concen: 73.781 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

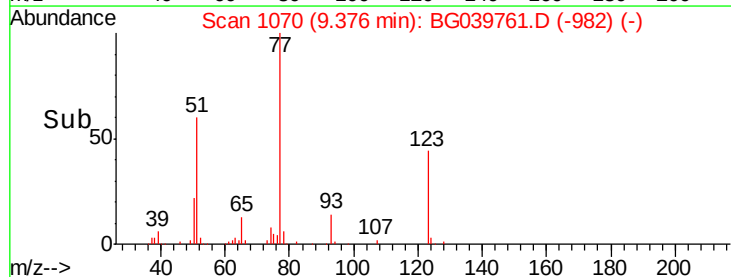
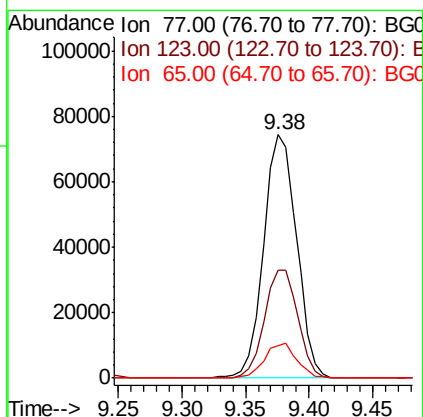
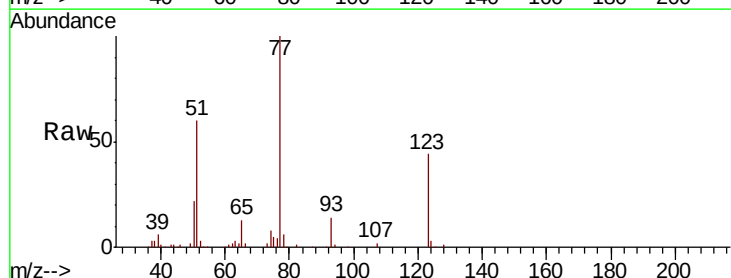
Instrument :
 BNA_G
 ClientSampleID :

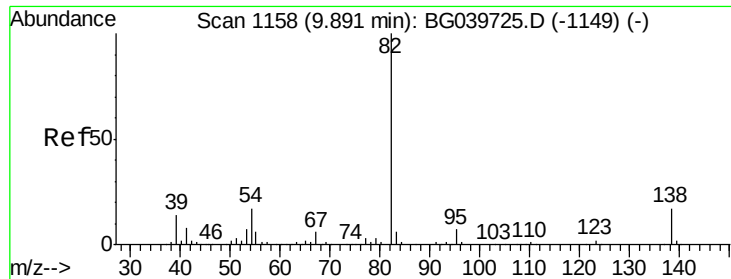
Tot Ion: 82 Resp: 287474
 Ion Ratio Lower Upper
 82 100
 128 41.8 31.3 46.9
 54 57.9 50.9 76.3



#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





#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 :

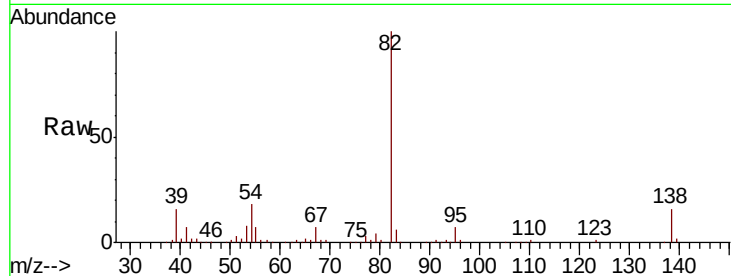
Tot Ion: 82 Resp: 271300

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

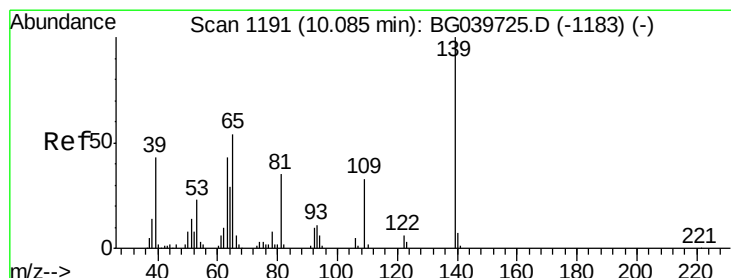
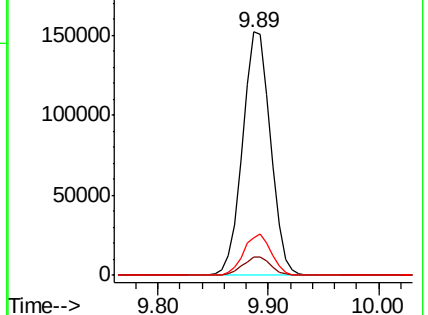
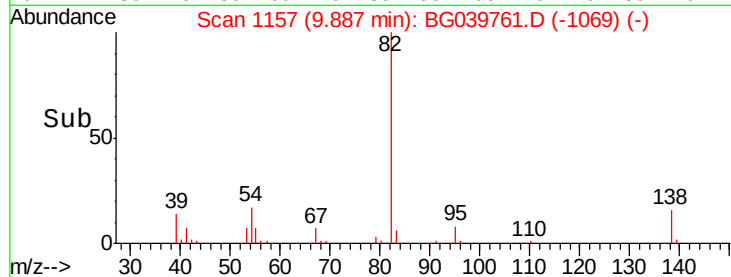
138 15.7 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039761.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BG039761.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BG039761.D (-1069) (-)



#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

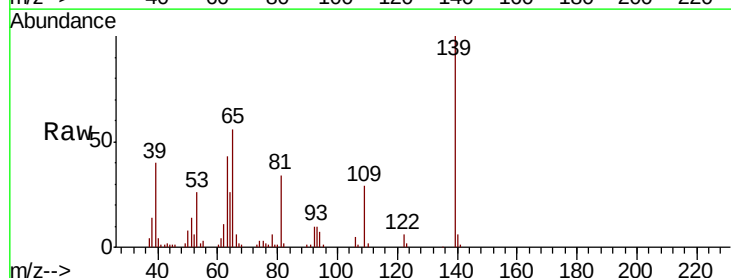
Tgt Ion: 139 Resp: 65064

Ion Ratio Lower Upper

139 100

109 28.9 23.4 35.0

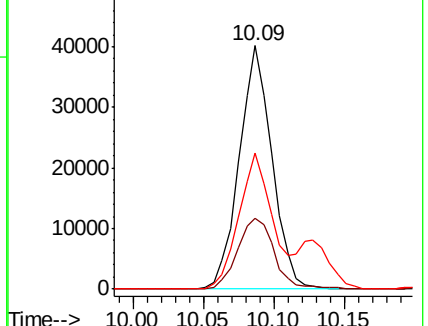
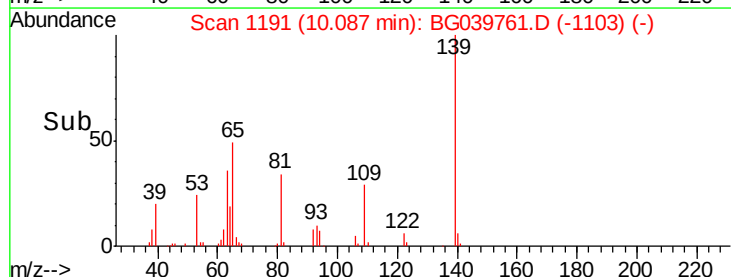
65 56.0 44.3 66.5

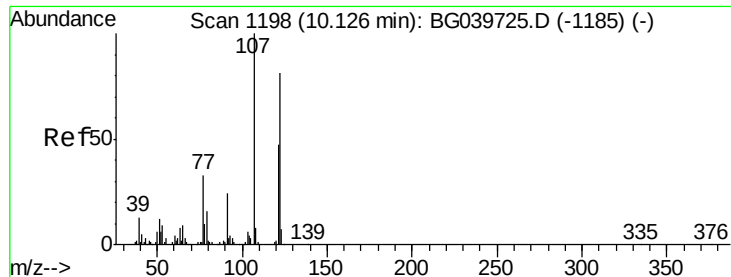


Abundance Ion 139.00 (138.70 to 139.70): BG039761.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BG039761.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BG039761.D (-1103) (-)

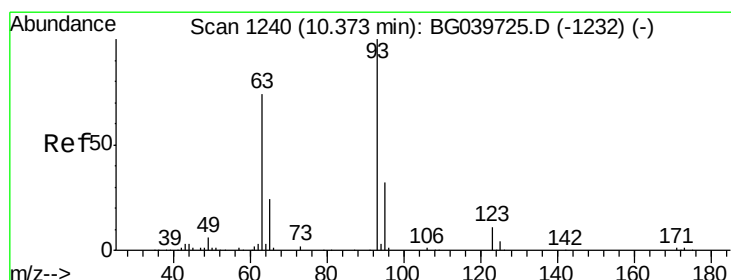
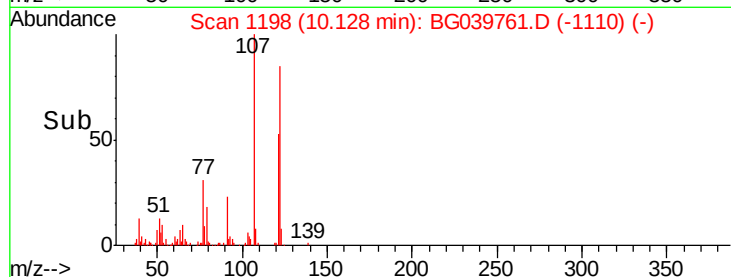
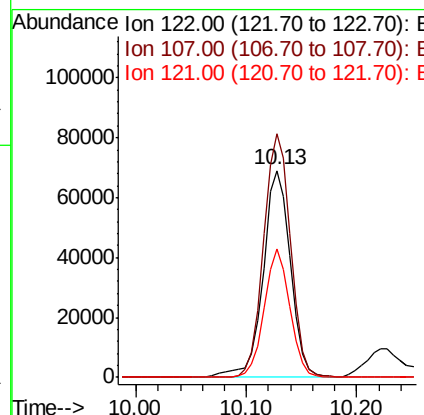
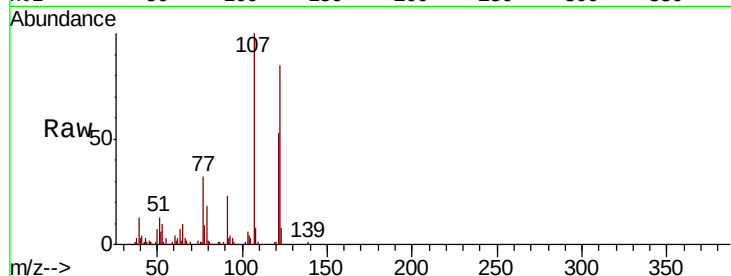




#27
 2,4-Dimethylphenol
 Concen: 39.154 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

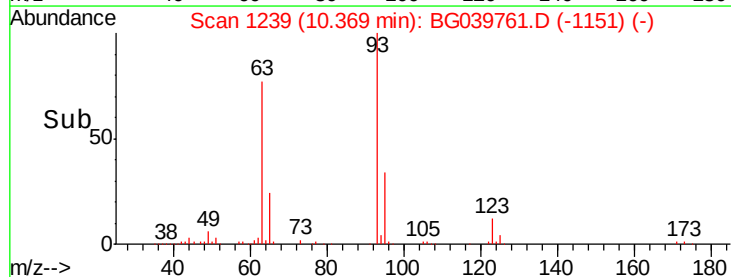
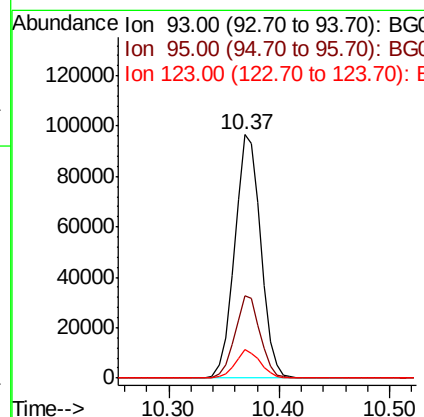
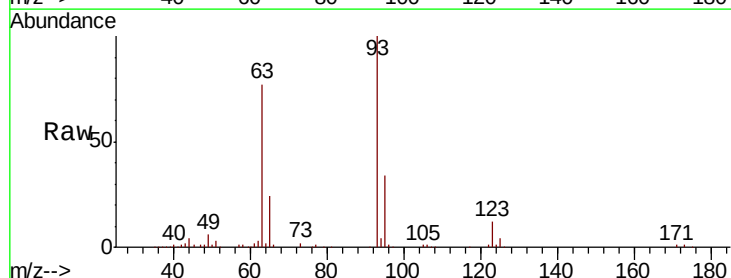
Instrument :
 BNA_G
 ClientSampled :

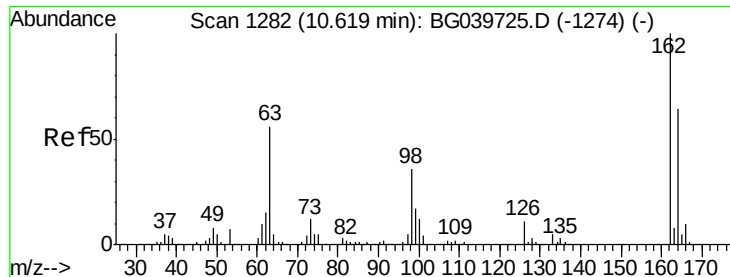
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	91.7	137.5
121	62.1	46.4	69.6



#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

ClientSampleId :

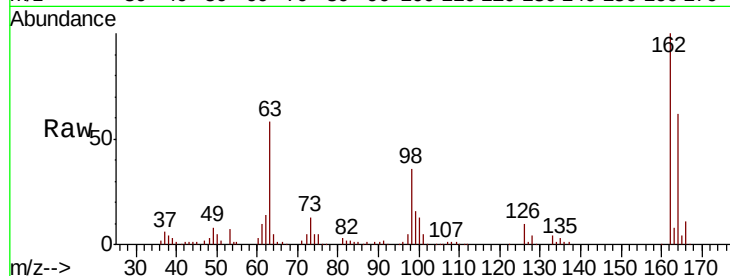
Tot Ion:162 Resp: 129208

Ion Ratio Lower Upper

162 100

164 62.2 48.1 88.1

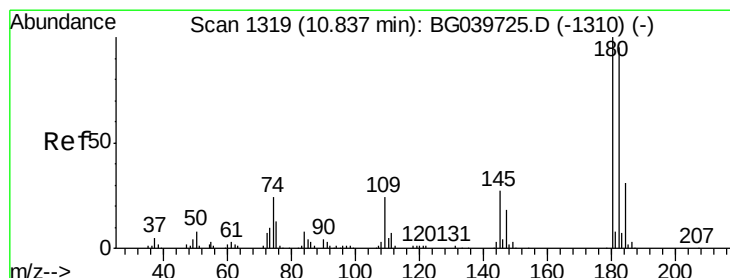
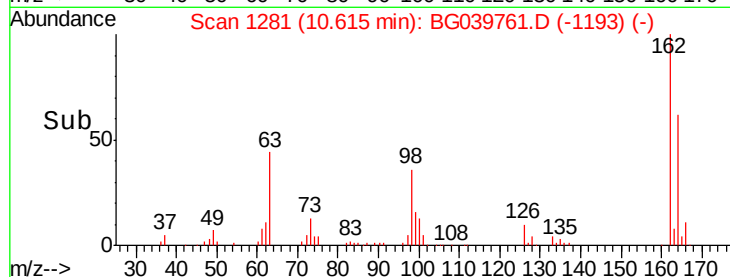
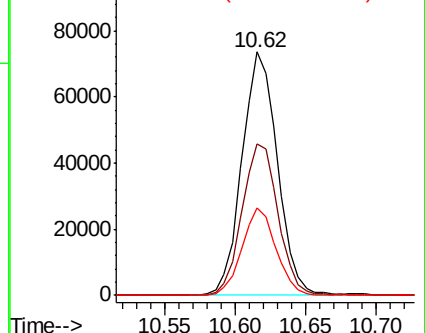
98 36.0 18.1 58.1



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

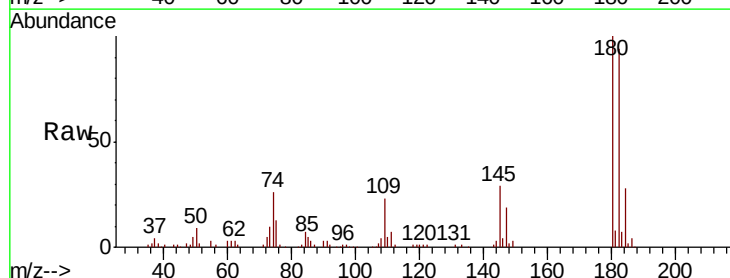
Tgt Ion:180 Resp: 123225

Ion Ratio Lower Upper

180 100

182 93.9 76.0 114.0

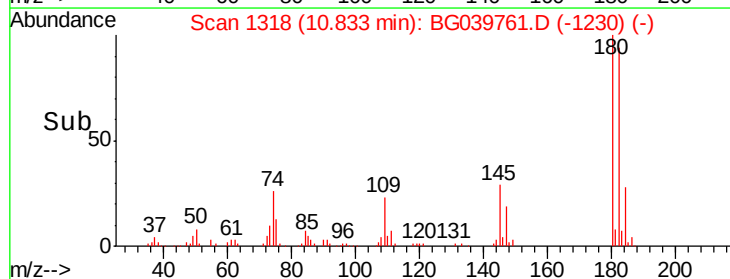
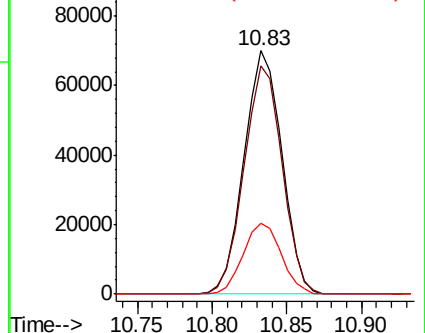
145 29.3 22.7 34.1

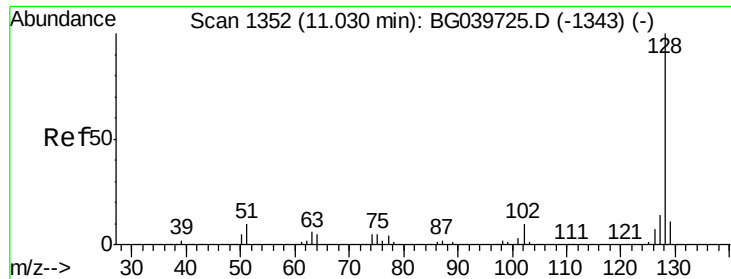


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

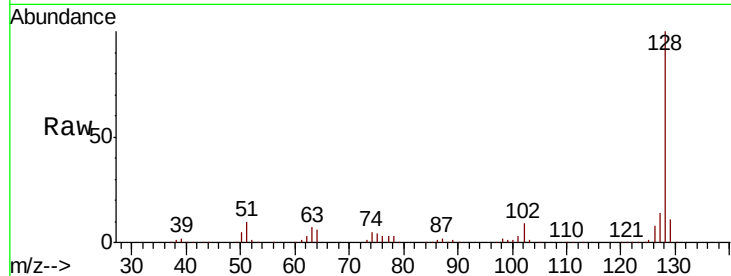




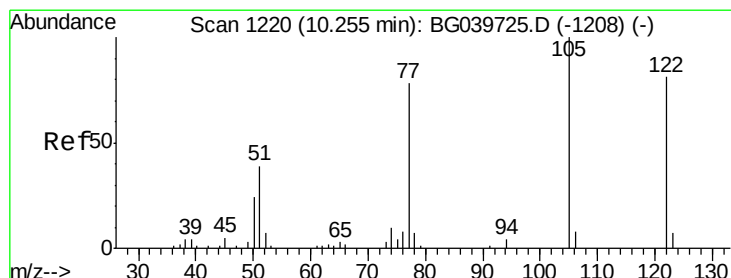
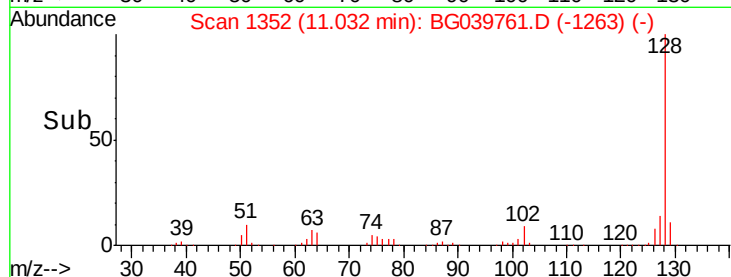
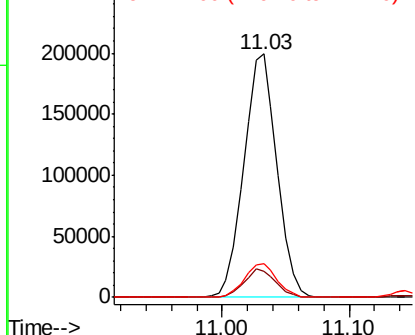
#31
Naphthalene
Concen: 32.156 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

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

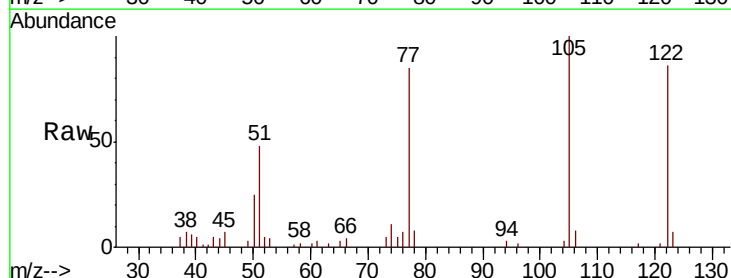


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

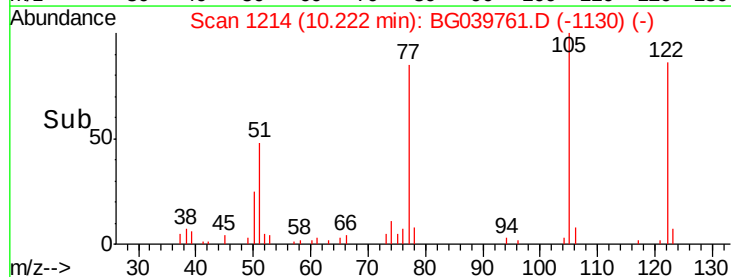
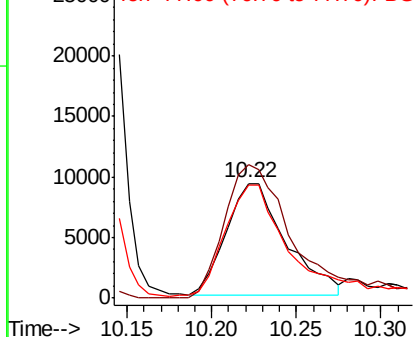


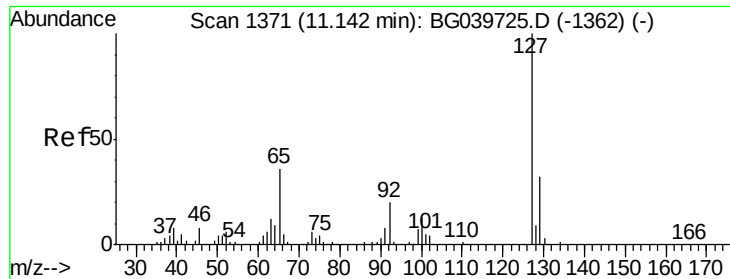
#32
Benzoic acid
Concen: 15.839 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

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

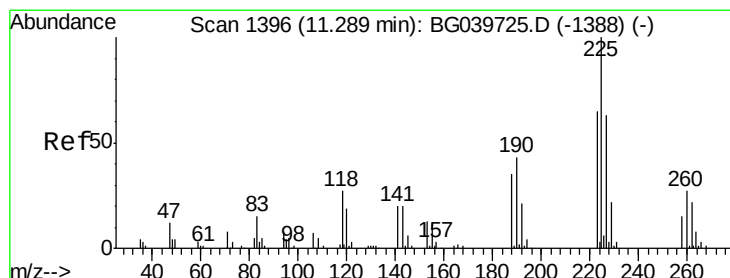
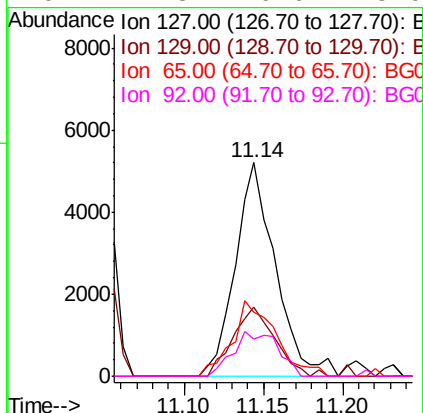
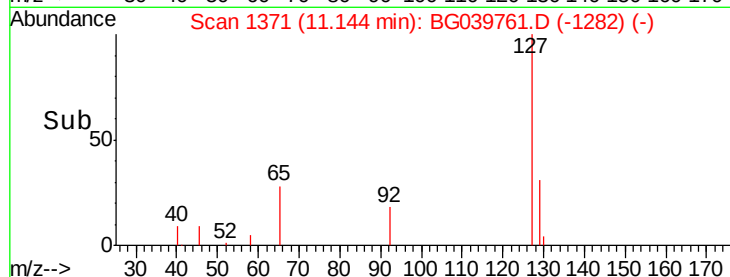
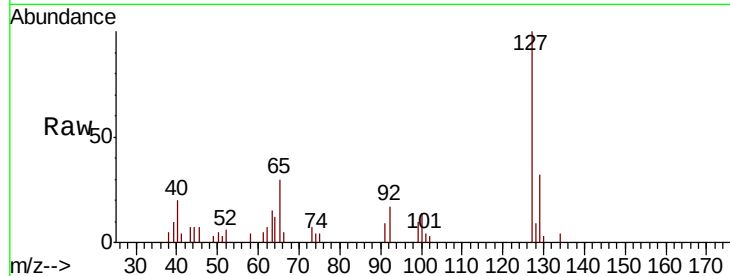




#33
4-Chloroaniline
Concen: 1.931 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

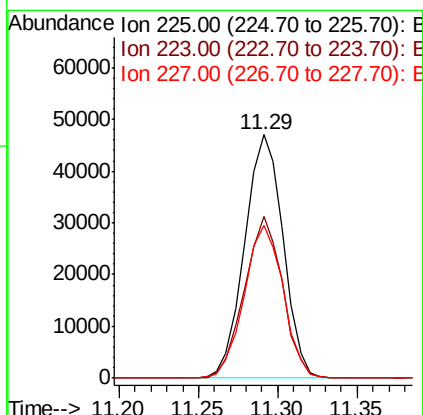
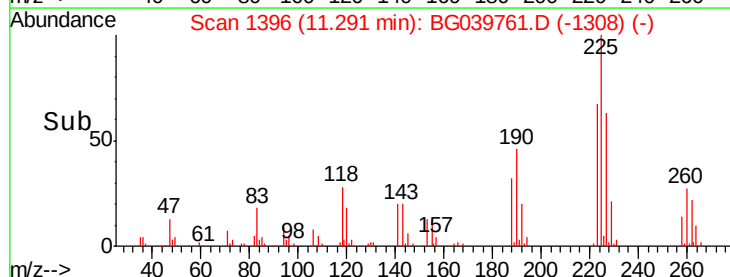
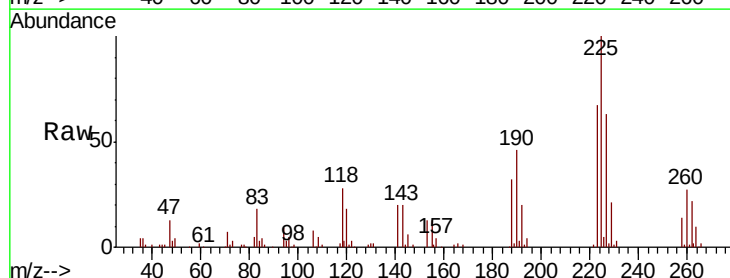
Instrument :
BNA_G
ClientSampleId :

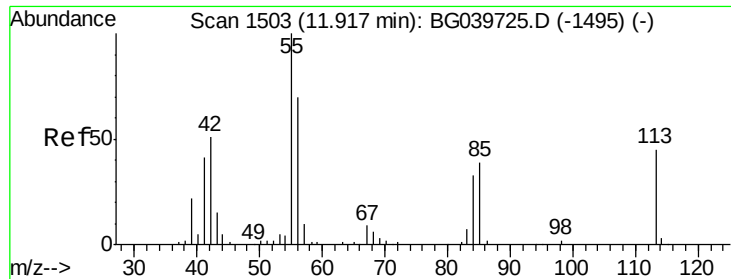
Tot Ion:	127	Resp:	9135
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.0	40.4
65	30.1	28.8	43.2
92	17.3	16.6	25.0



#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

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

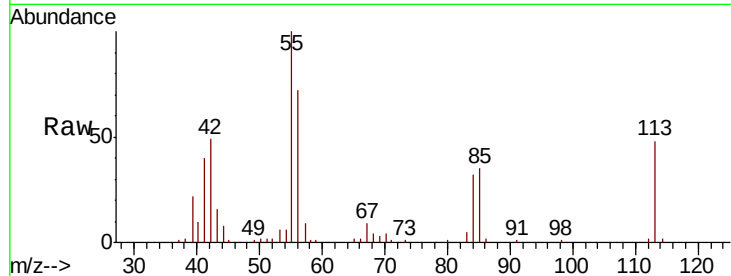




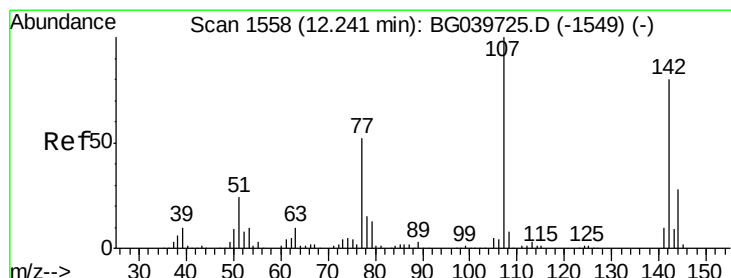
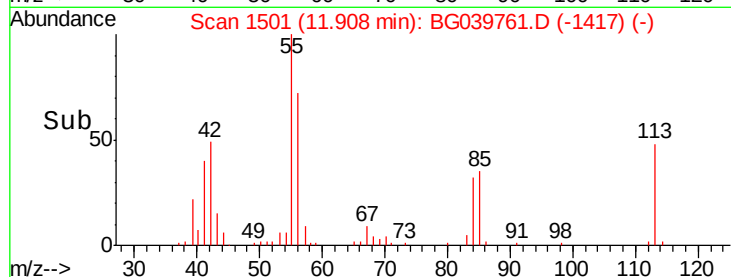
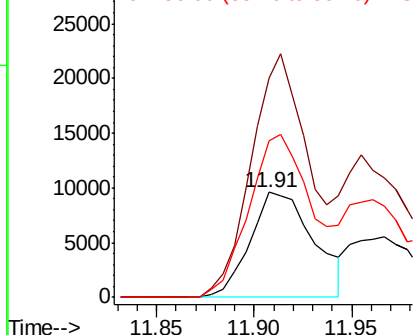
#35
Caprolactam
Concen: 16.382 ng
RT: 11.91 min Scan# 1501
Delta R.T. -0.03 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampled :

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

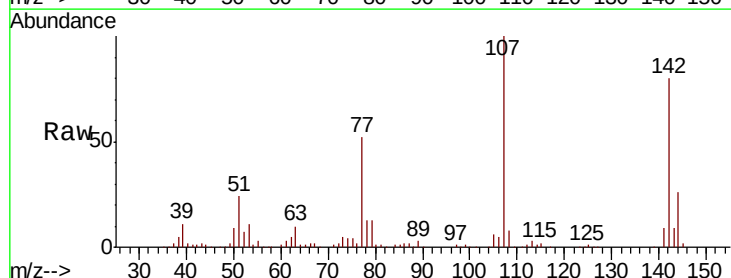


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

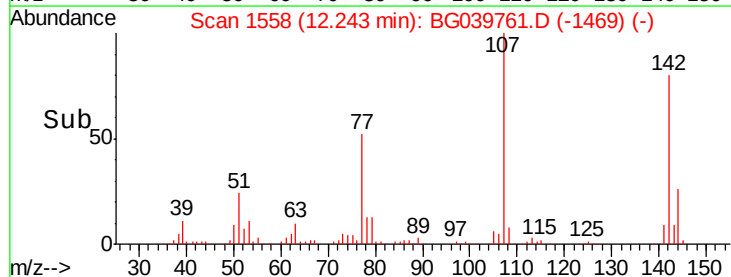
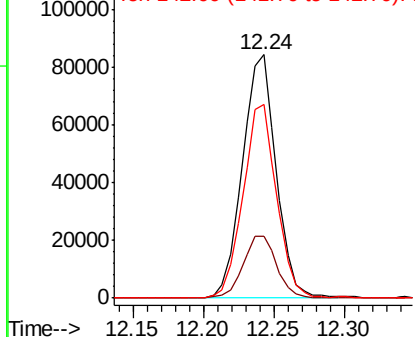


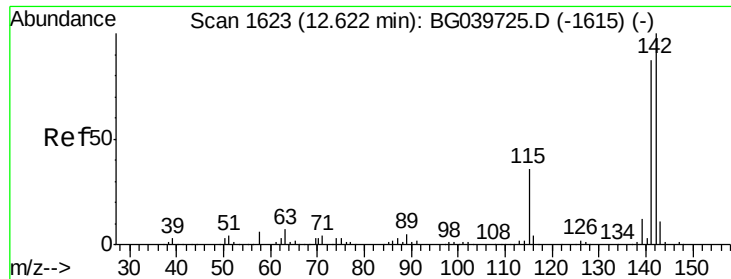
#36
4-Chloro-3-methylphenol
Concen: 35.581 ng
RT: 12.24 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt 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

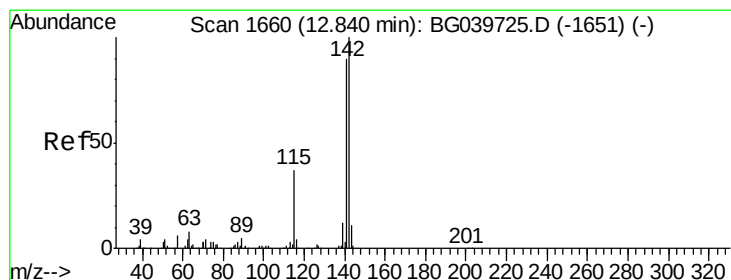
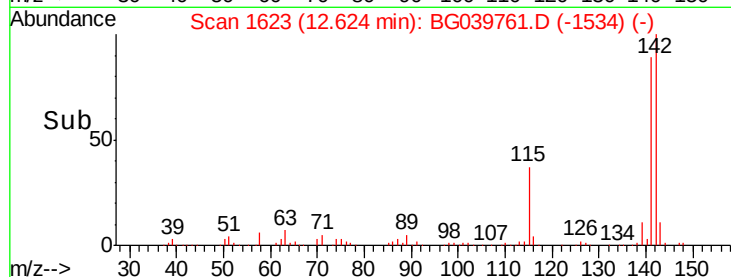
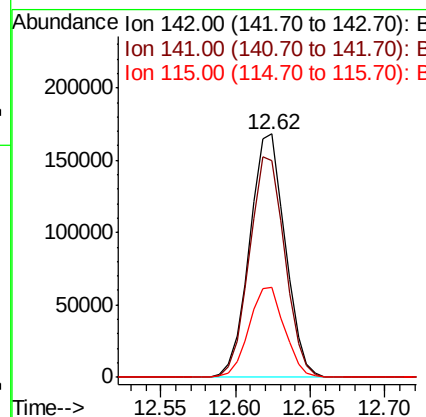
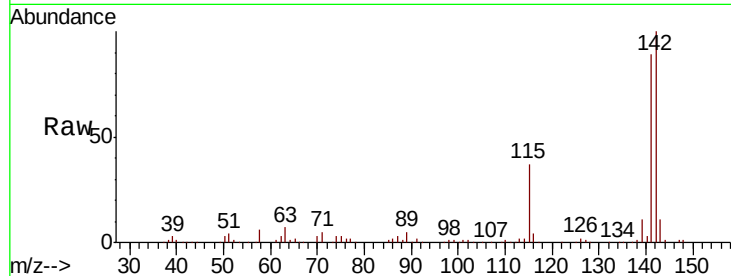




#37
 2-Methylnaphthalene
 Concen: 33.146 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

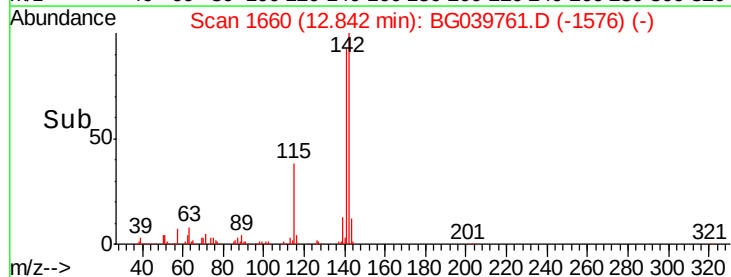
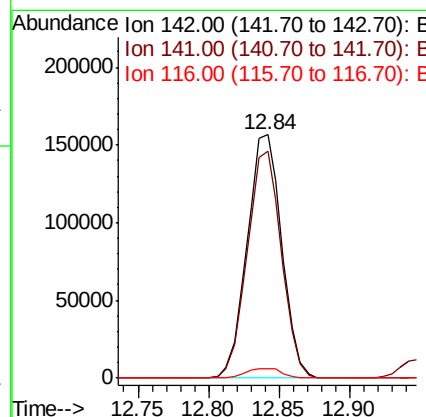
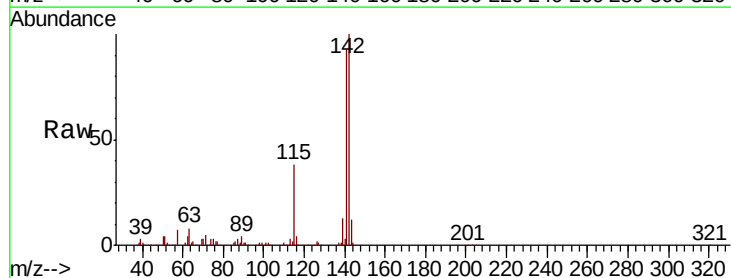
Instrument :
 BNA_G
 ClientSampleId :

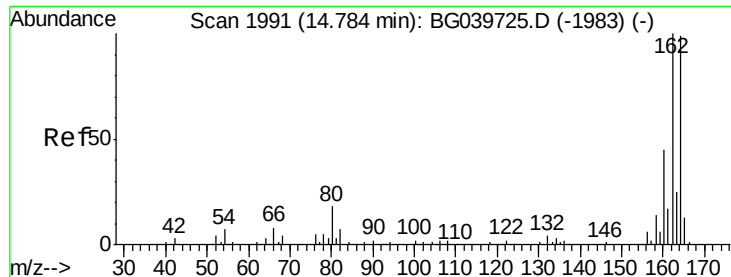
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.5	110.3
115	36.9	30.8	46.2



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

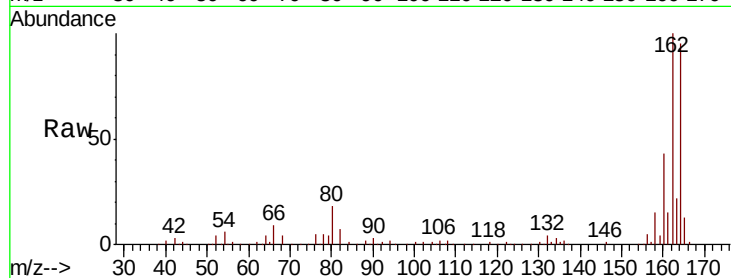
Tot Ion:164 Resp: 147567

Ion Ratio Lower Upper

164 100

162 105.8 81.6 122.4

160 45.9 34.2 51.2

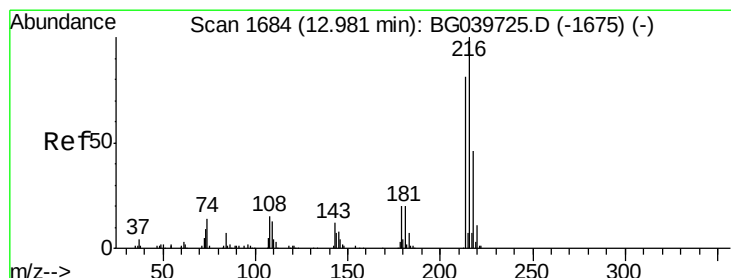
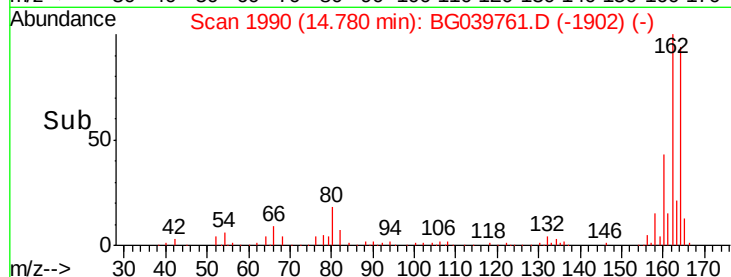
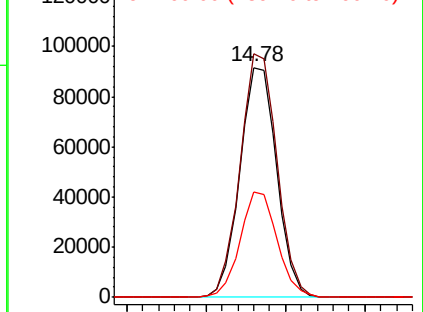


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 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

Tgt Ion:216 Resp: 154119

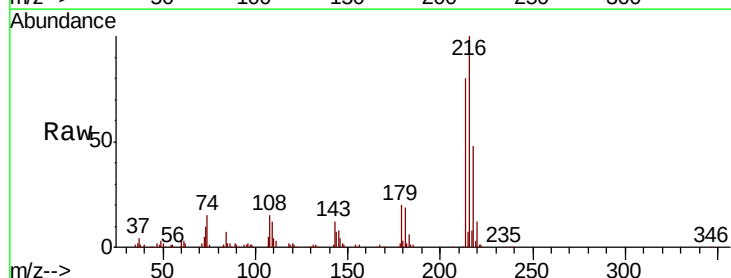
Ion Ratio Lower Upper

216 100

214 79.6 62.6 94.0

179 20.4 16.6 25.0

108 18.7 14.0 21.0



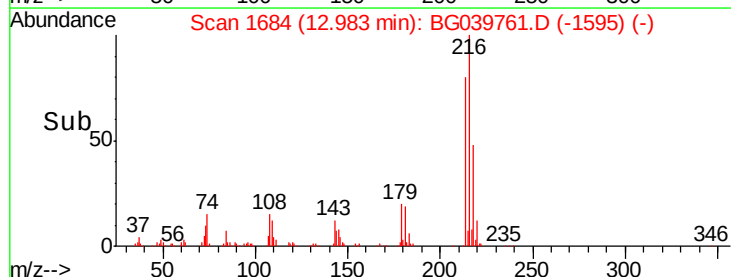
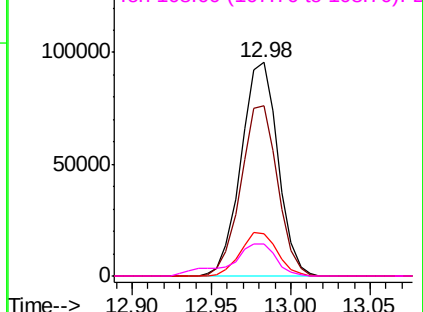
Abundance

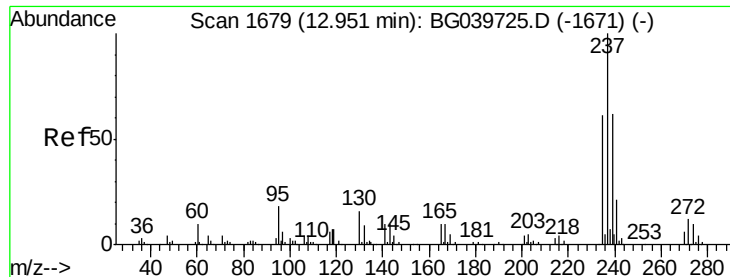
Ion 216.00 (215.70 to 216.70): E

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

Instrument :

BNA_G

ClientSampleId :

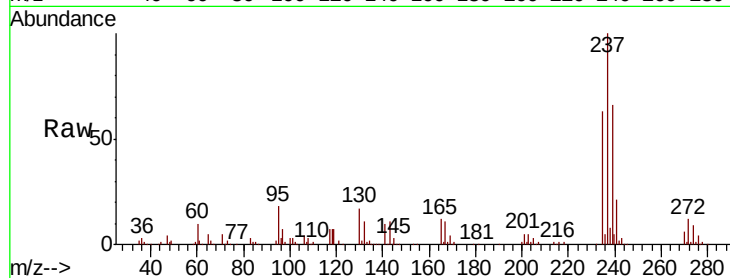
Tot Ion:237 Resp: 187598

Ion Ratio Lower Upper

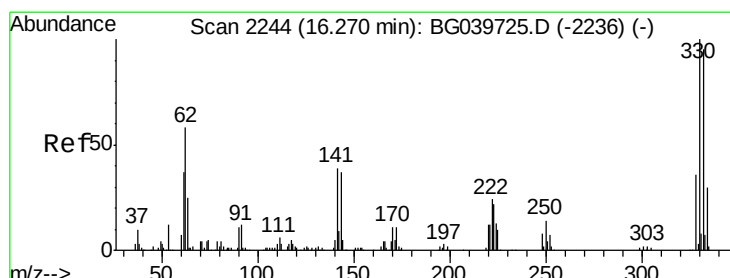
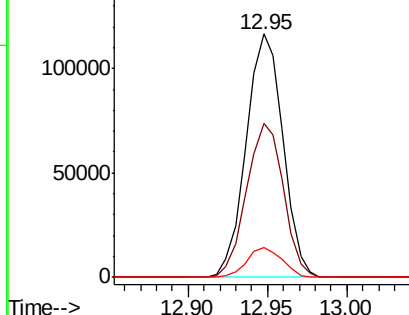
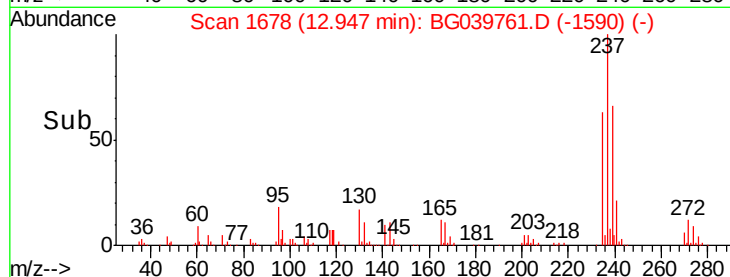
237 100

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

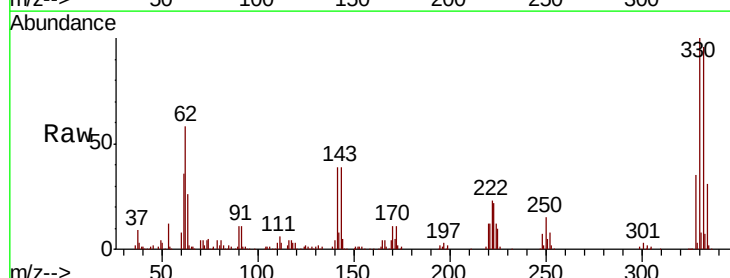
Tgt Ion:330 Resp: 201182

Ion Ratio Lower Upper

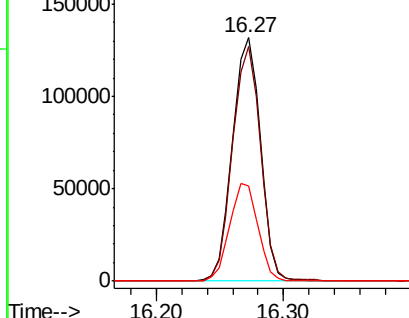
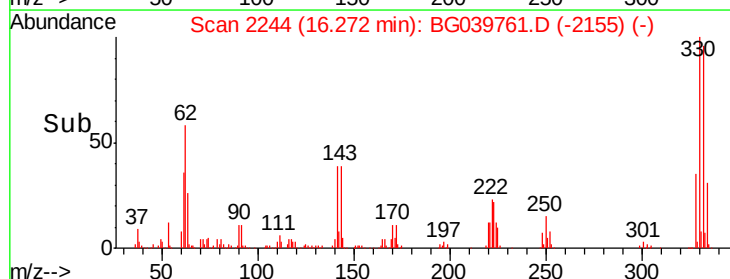
330 100

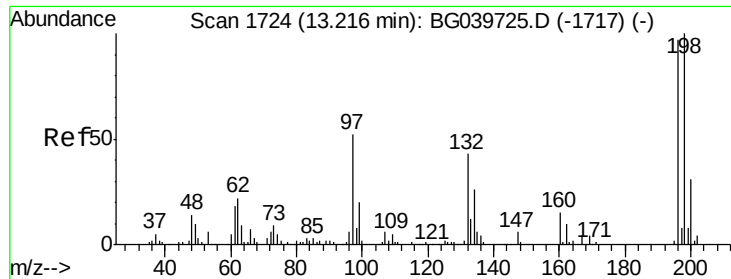
332 96.3 75.7 113.5

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

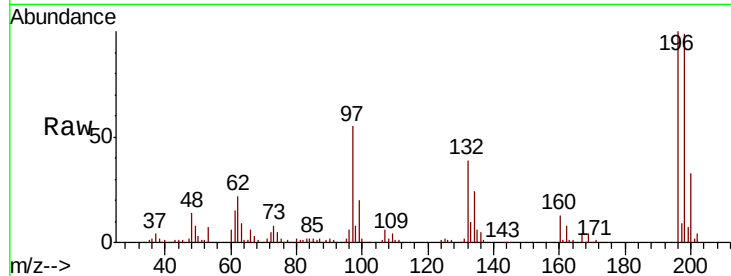




#43
 2,4,6-Trichlorophenol
 Concen: 37.225 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	80.6	121.0
200	33.3	26.1	39.1

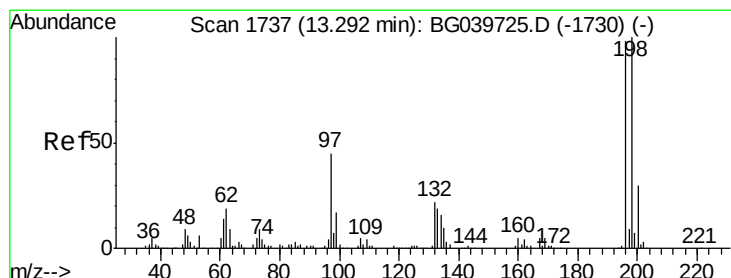
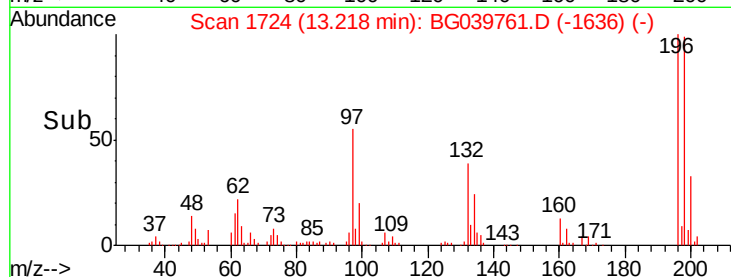
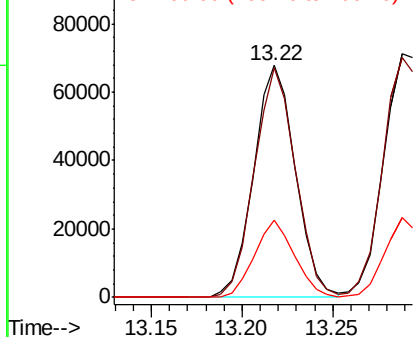


Abundance

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

Tgt 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

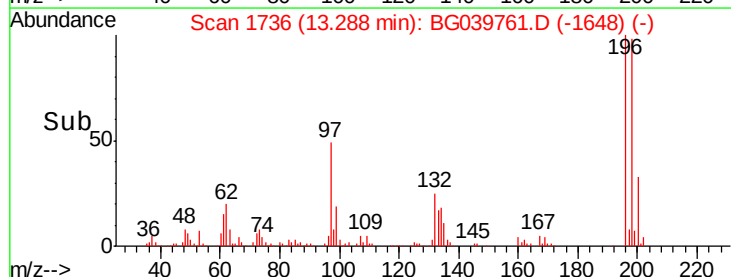
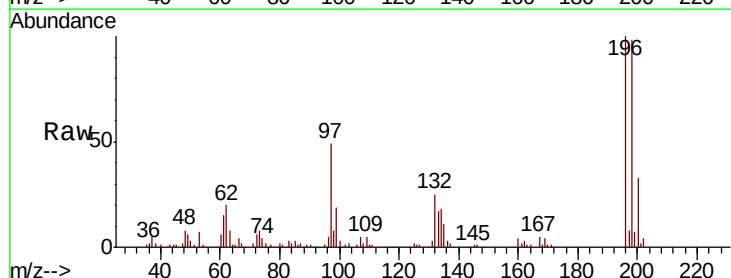
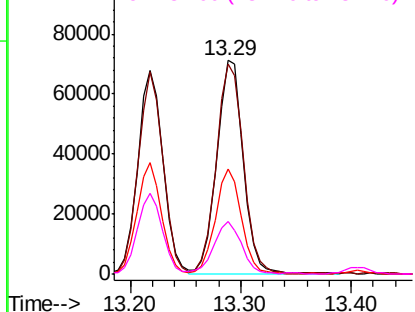
Abundance

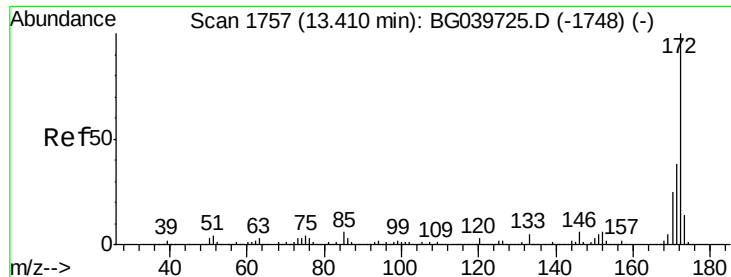
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 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

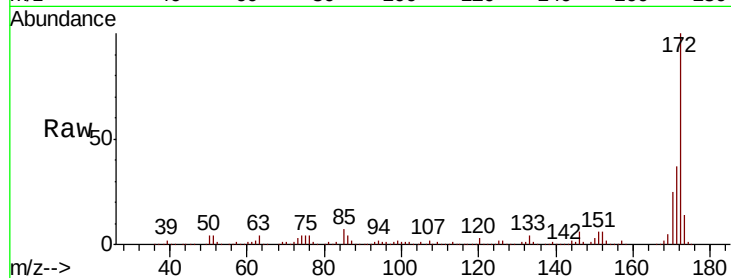
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 702601

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

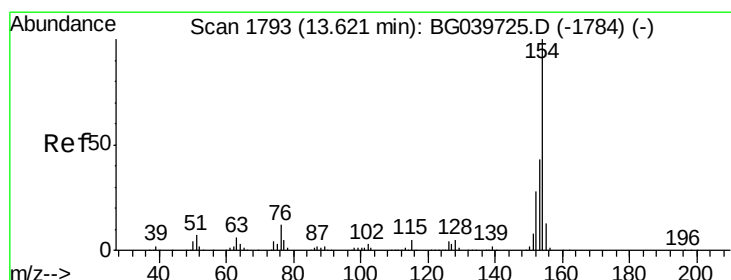
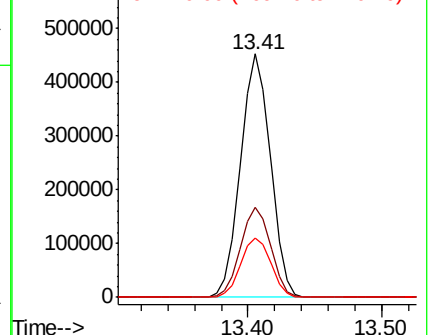
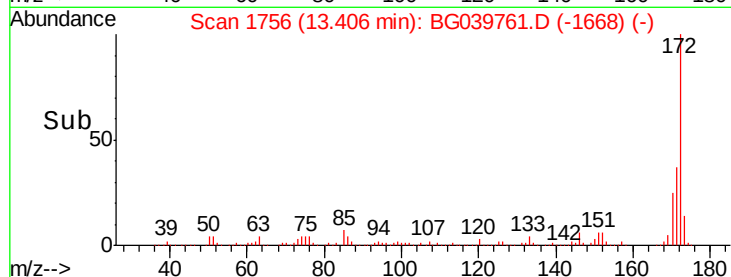


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 31.844 ng

RT: 13.62 min Scan# 1792

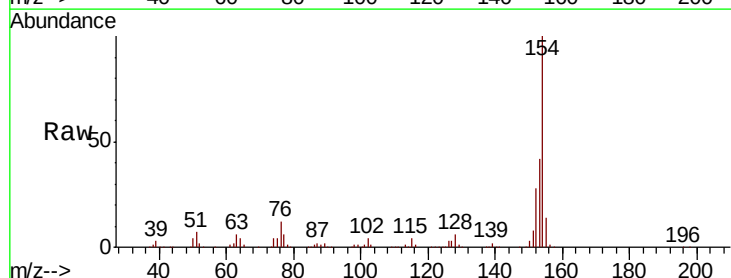
Delta R.T. -0.01 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Tgt Ion:154 Resp: 386501

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

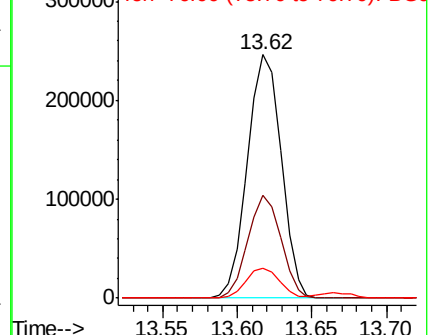
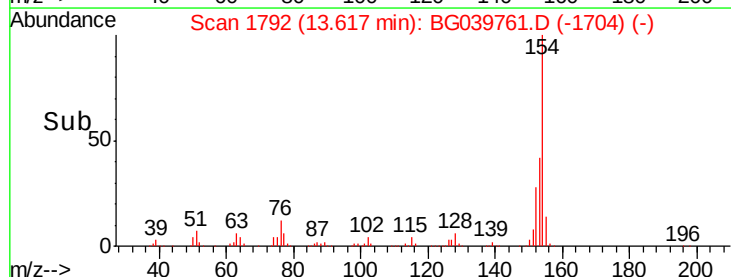


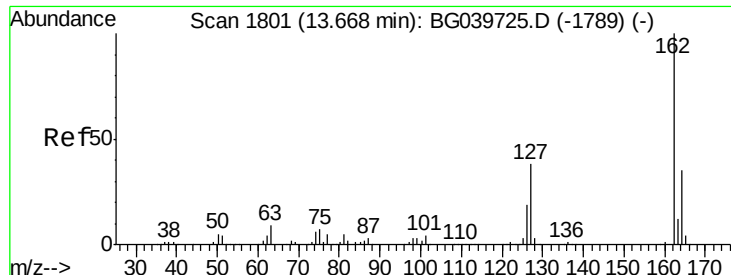
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

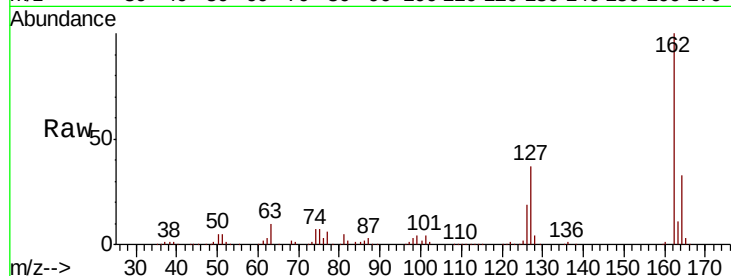




#47
 2-Chloronaphthalene
 Concen: 32.719 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampled :

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

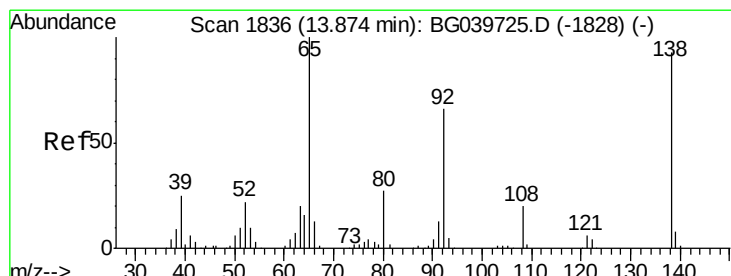
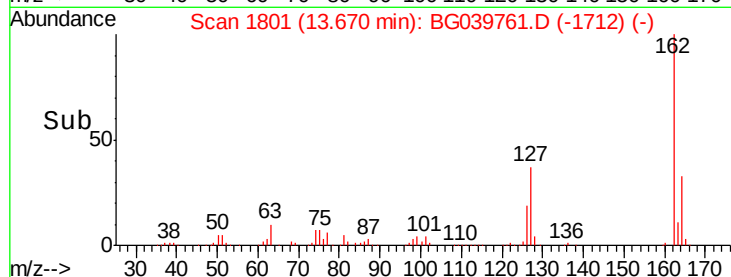
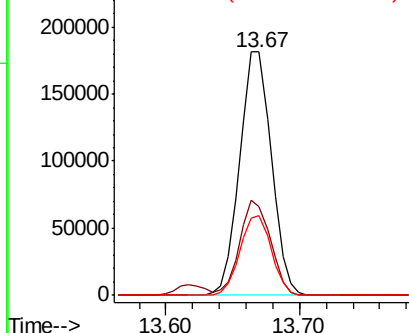


Abundance

Ion 162.00 (161.70 to 162.70): E

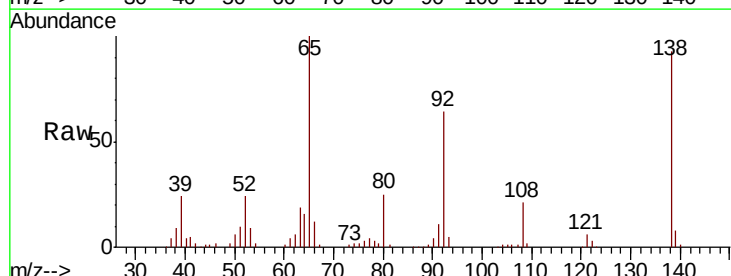
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 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

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	51.4	77.2
138	93.4	71.4	107.2

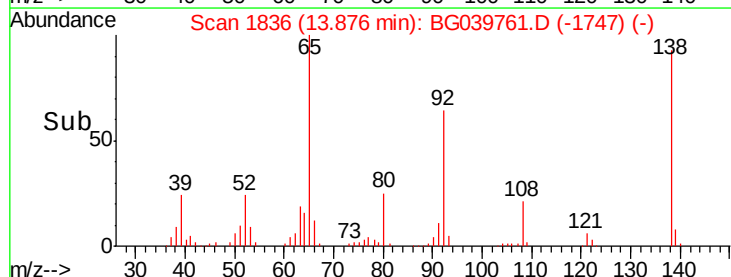
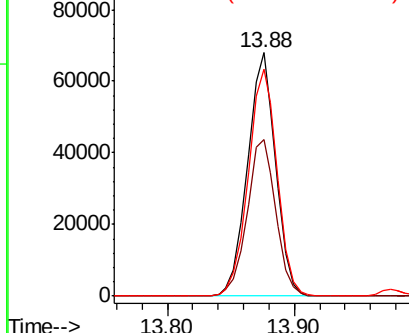


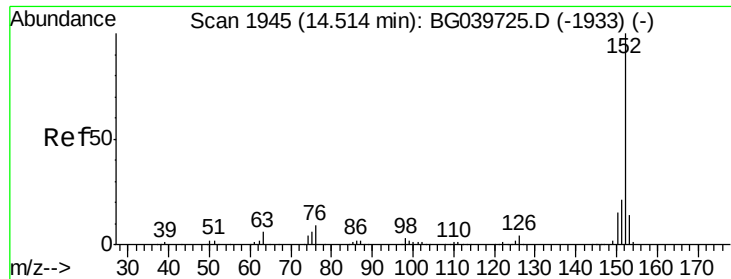
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#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

Instrument :

BNA_G

ClientSampleId :

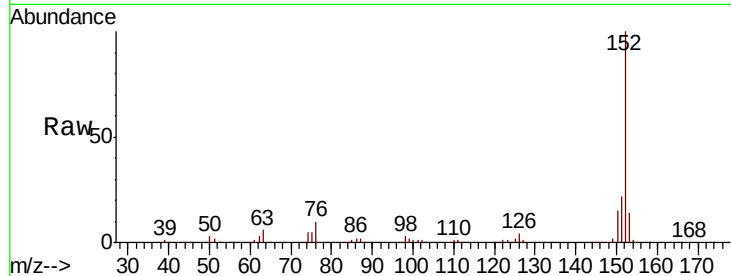
Tot Ion:152 Resp: 482613

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

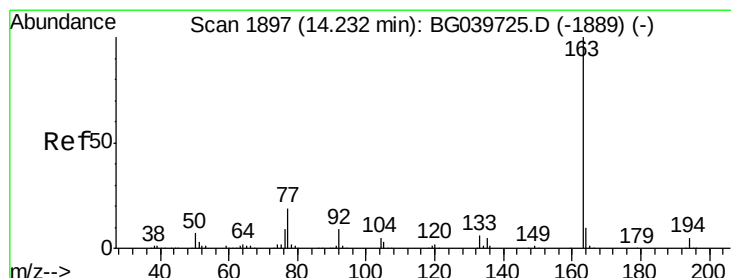
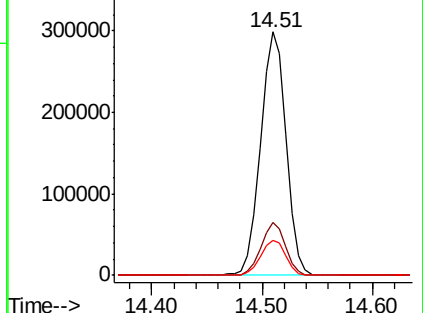
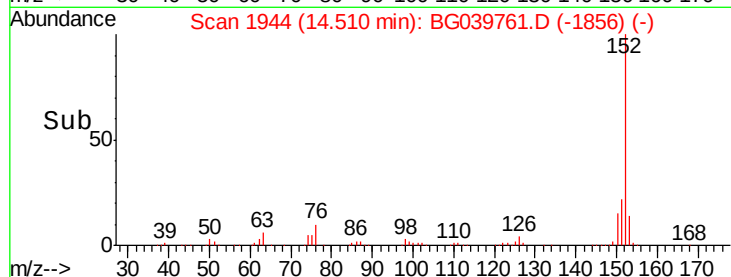
153 14.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#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

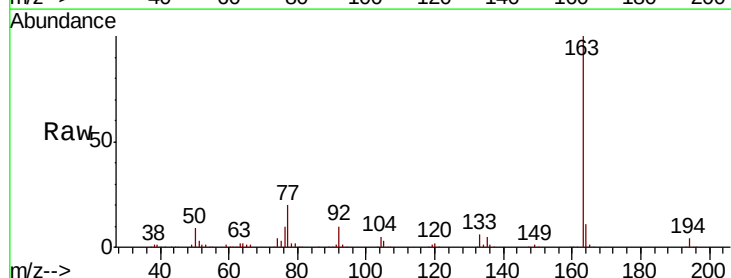
Tgt Ion:163 Resp: 415590

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

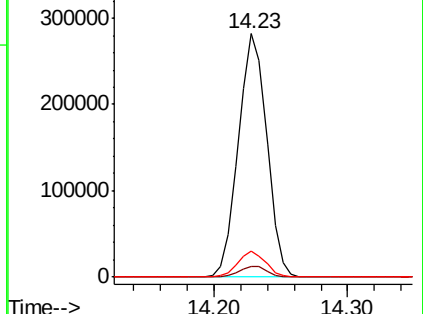
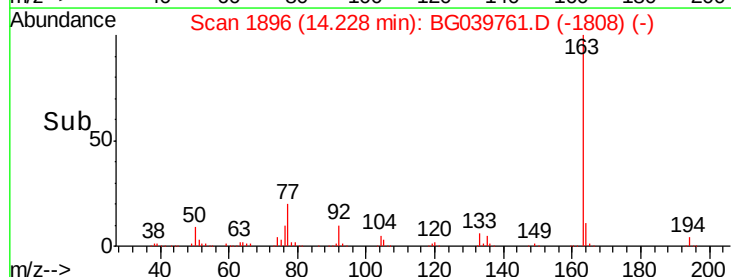
164 10.6 8.4 12.6

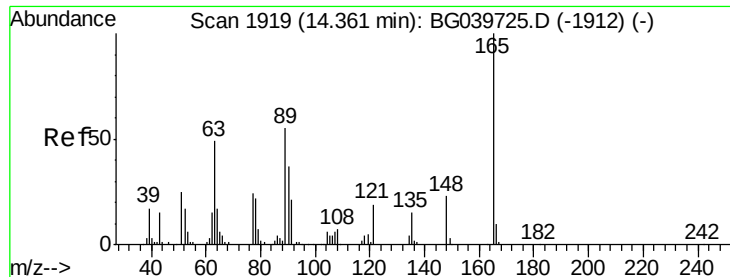


Abundance Ion 163.00 (162.70 to 163.70): E

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

Instrument :

BNA_G

ClientSampled :

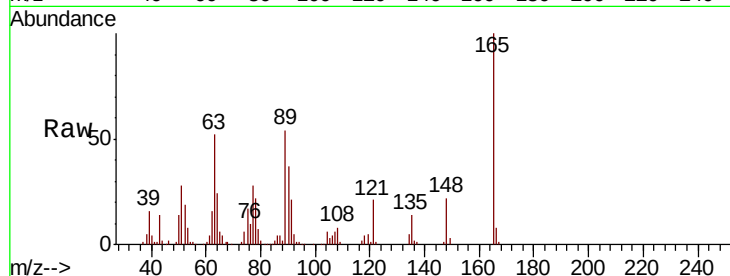
Tot Ion:165 Resp: 92654

Ion Ratio Lower Upper

165 100

63 52.1 47.0 70.6

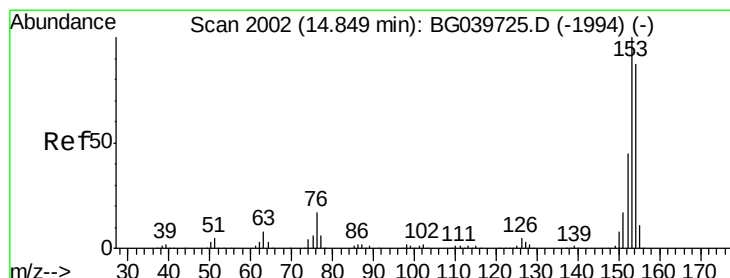
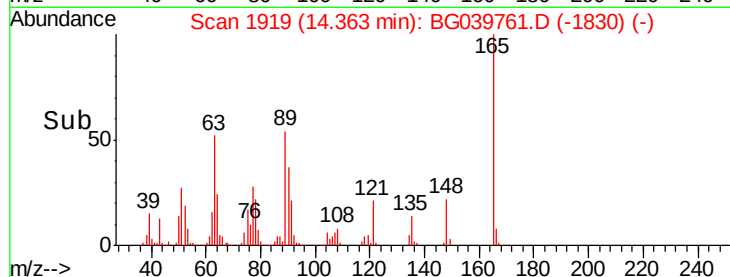
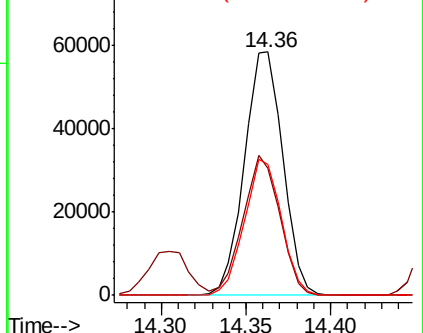
89 53.7 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#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

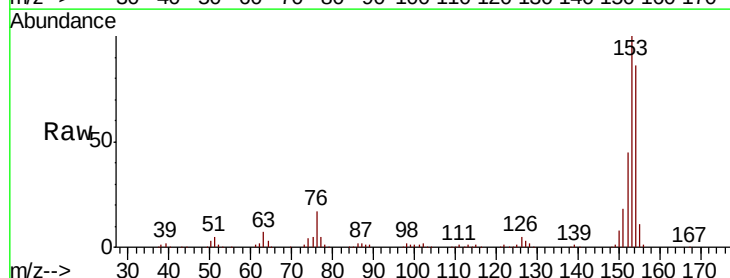
Tgt Ion:154 Resp: 294196

Ion Ratio Lower Upper

154 100

153 115.9 90.1 135.1

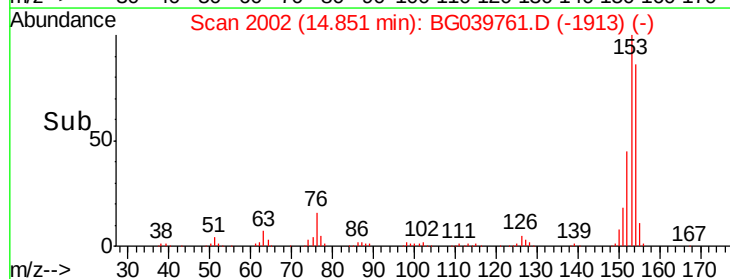
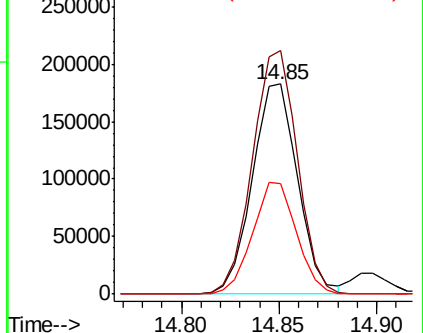
152 52.5 40.9 61.3

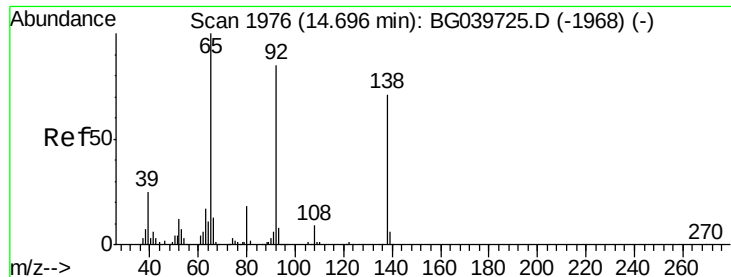


Abundance Ion 154.00 (153.70 to 154.70): E

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

Instrument :

BNA_G

ClientSampleId :

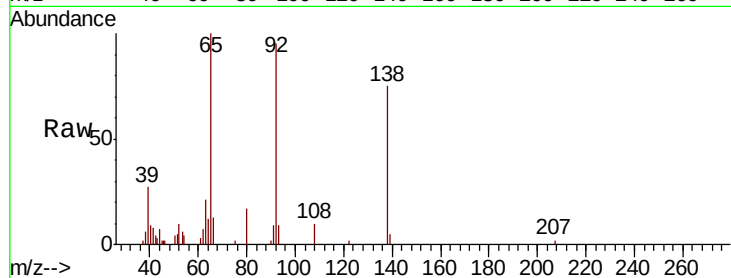
Tot Ion:138 Resp: 12351

Ion Ratio Lower Upper

138 100

108 13.2 13.8 20.8#

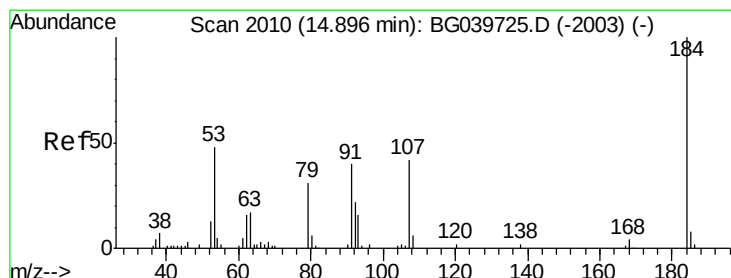
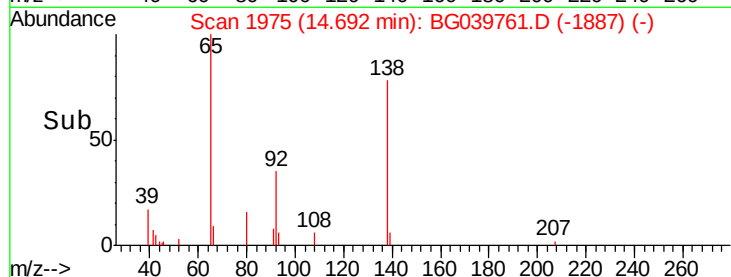
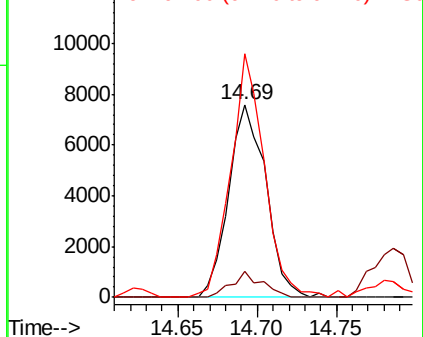
92 126.2 103.7 155.5



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): E



#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

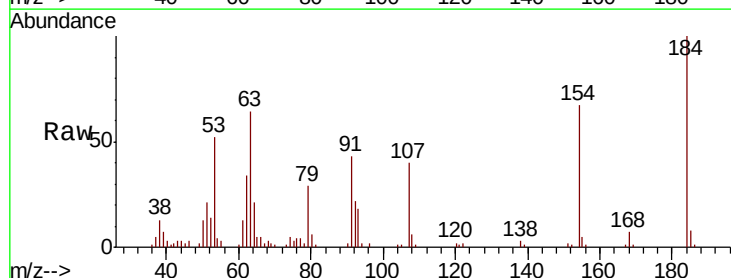
Tgt Ion:184 Resp: 44866

Ion Ratio Lower Upper

184 100

63 64.0 50.9 76.3

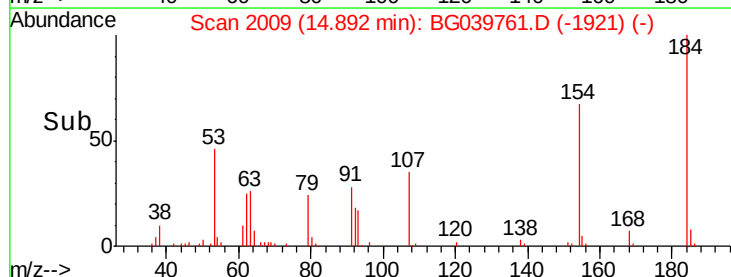
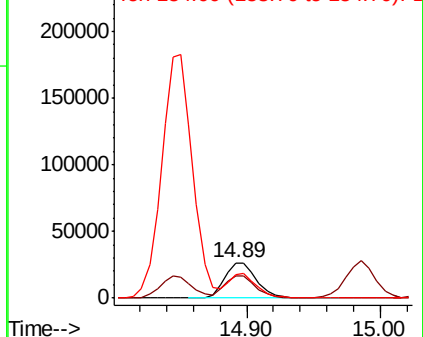
154 67.5 53.0 79.6

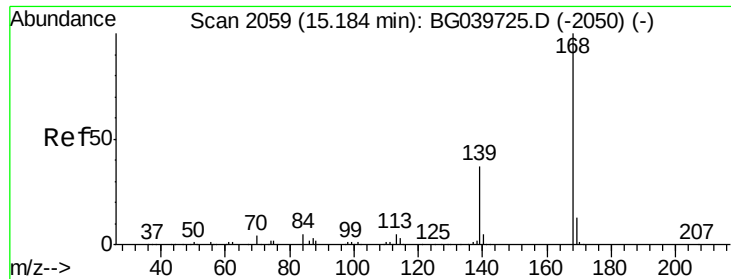


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

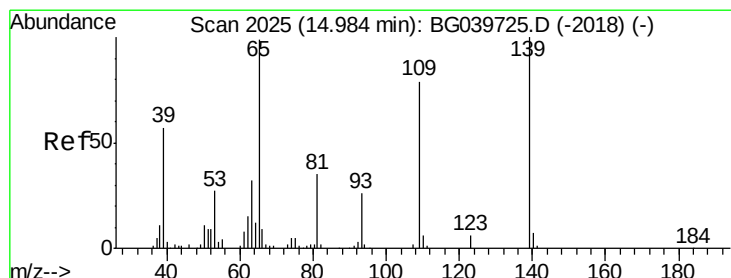
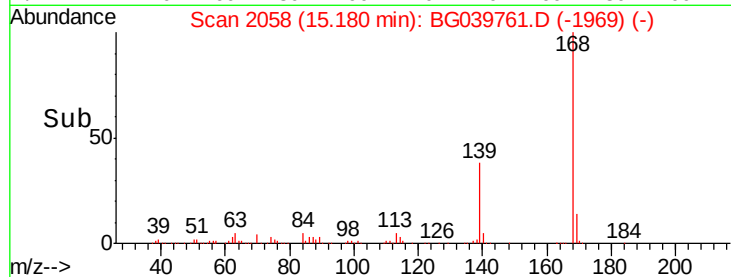
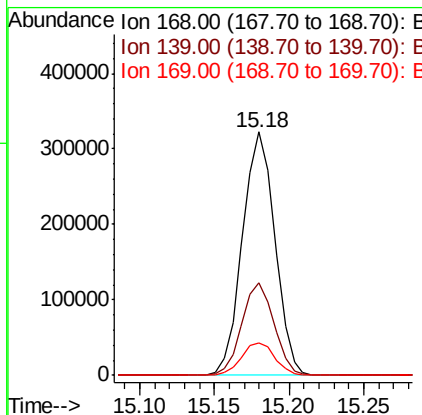
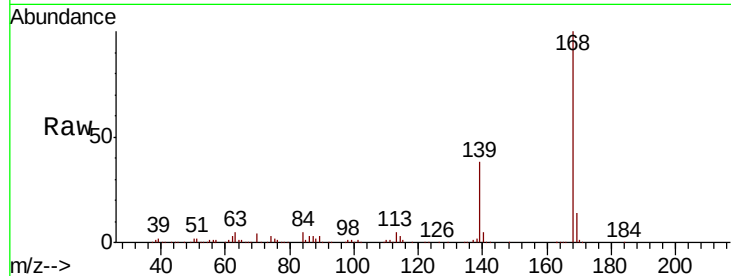




#55
Dibenzenofuran
Concen: 32.762 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

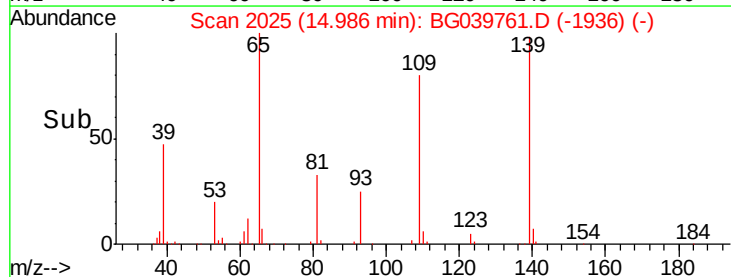
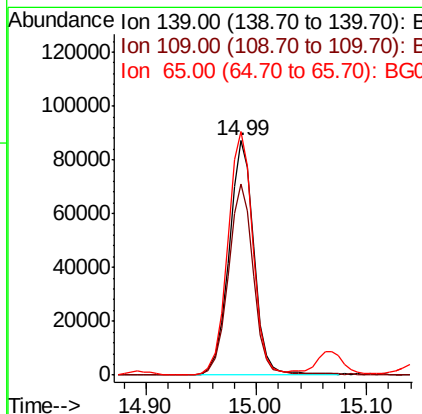
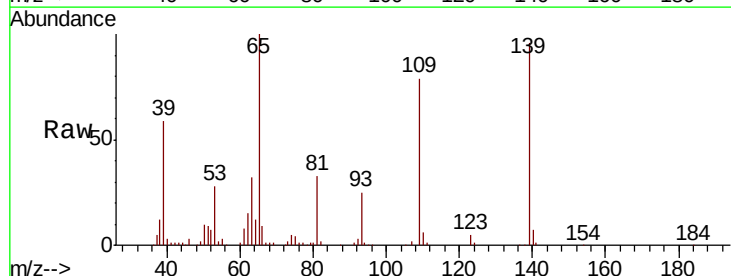
Instrument :
BNA_G
ClientSampleId :

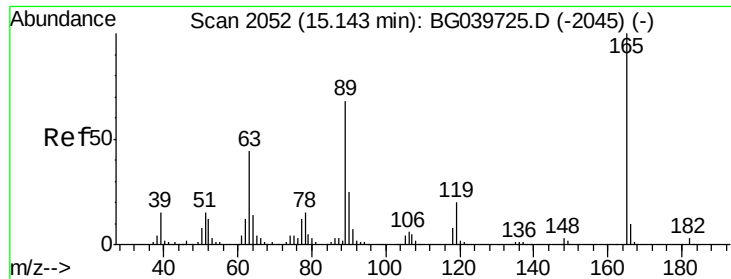
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	13.6	10.6	16.0



#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

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.6	61.9	101.9
65	103.8	99.1	139.1

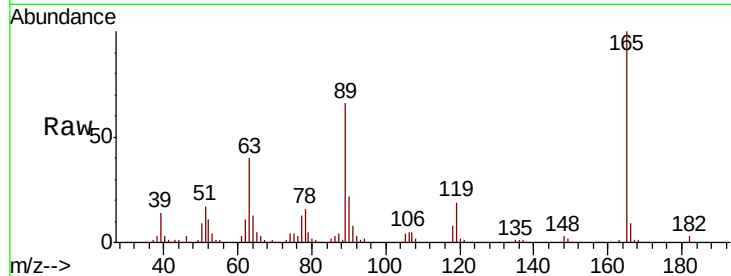




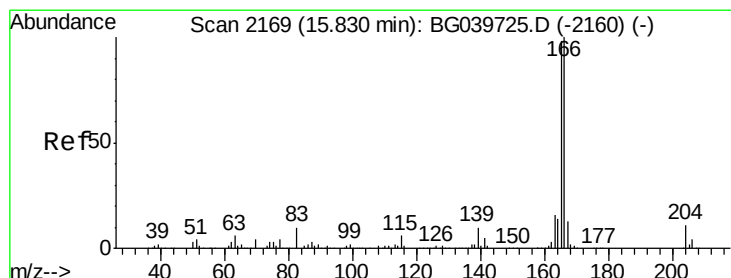
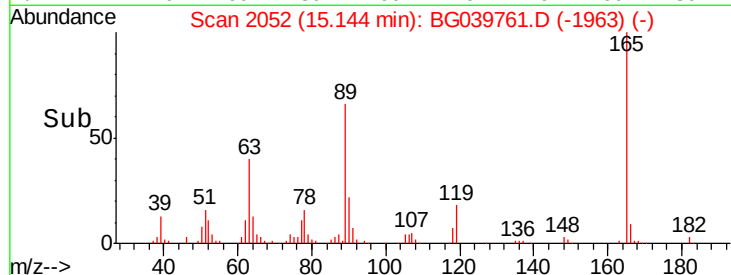
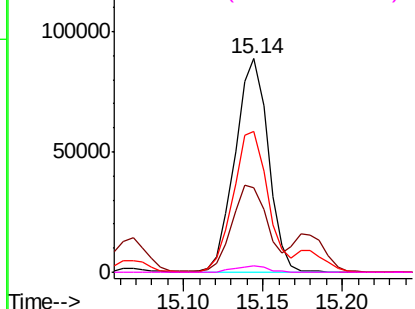
#57
2,4-Dinitrotoluene
Concen: 35.188 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot 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

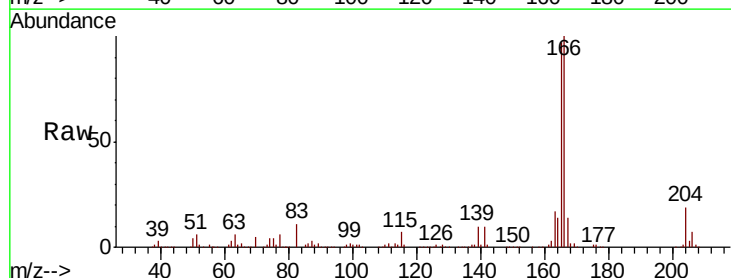


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

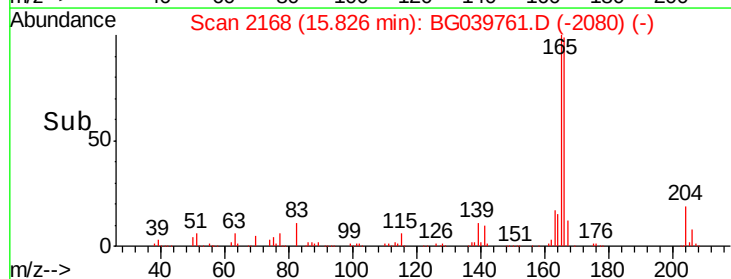
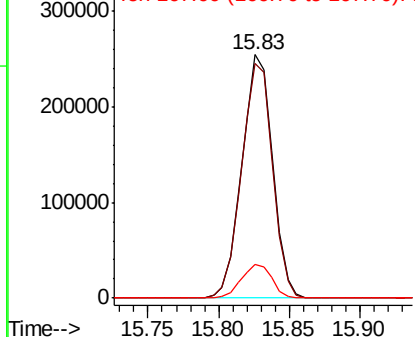


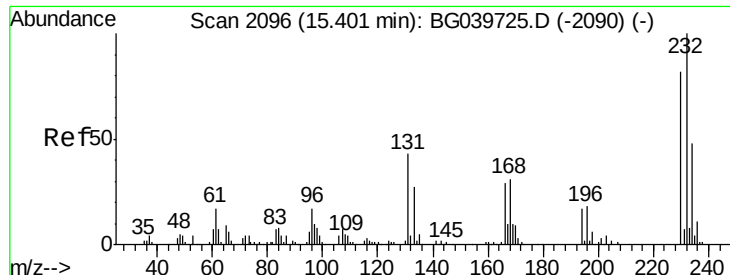
#58
Fluorene
Concen: 33.250 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt 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

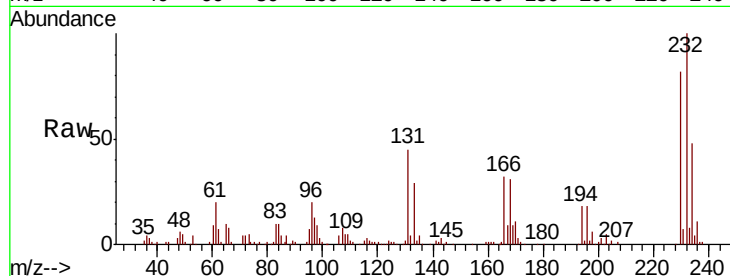




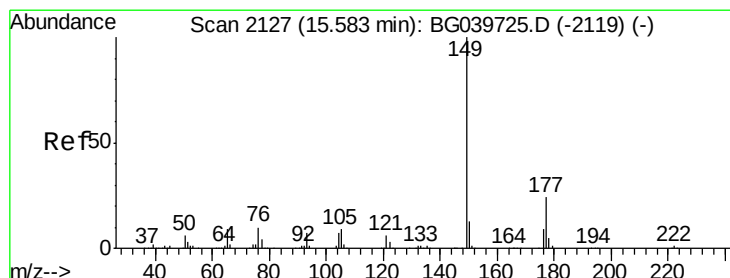
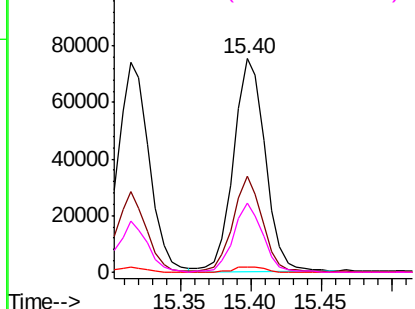
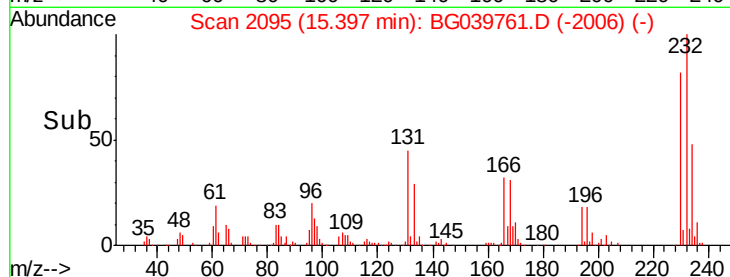
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.351 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampled :

Tot 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

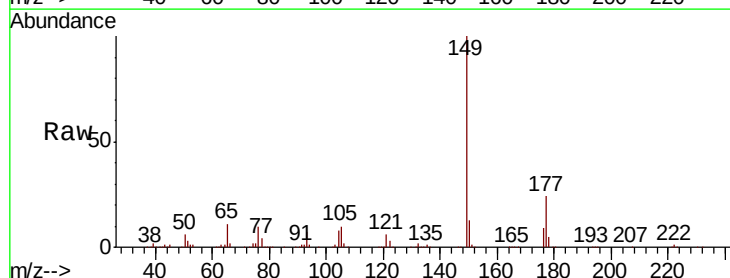


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

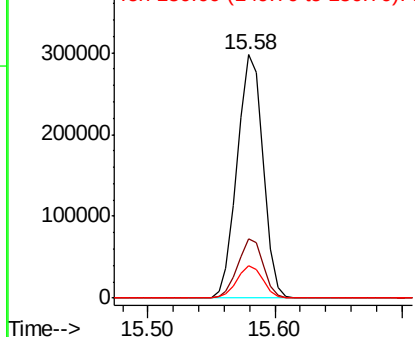
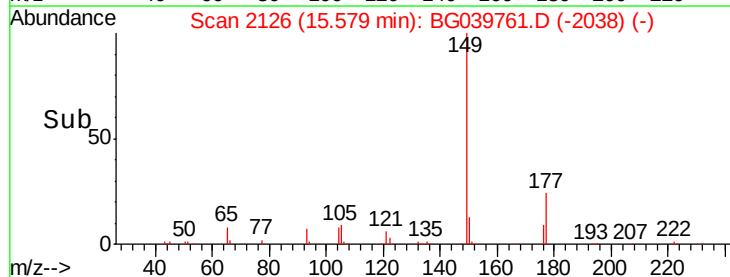


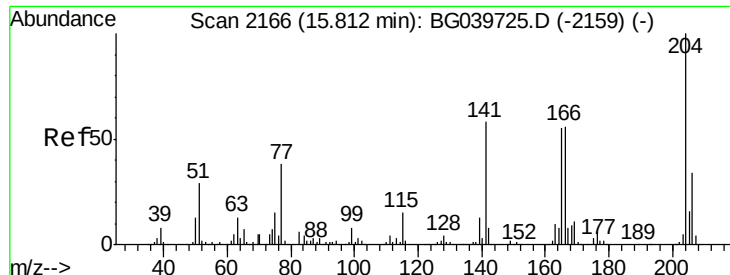
#60
Diethylphthalate
Concen: 34.228 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt 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

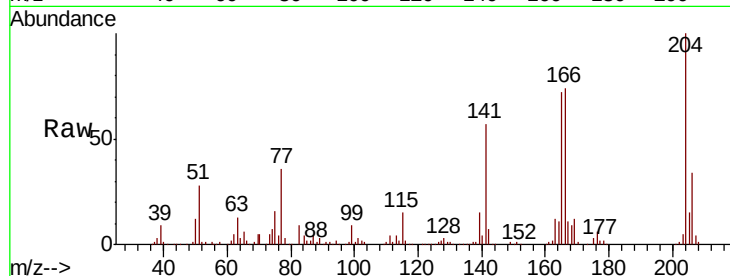




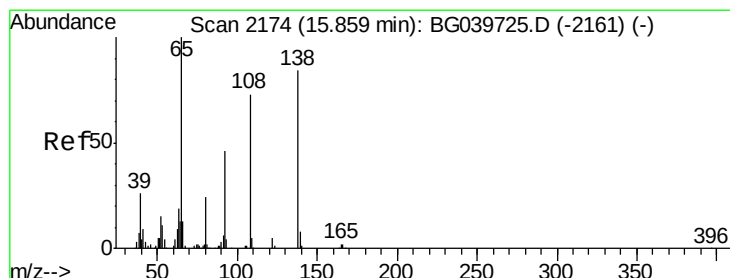
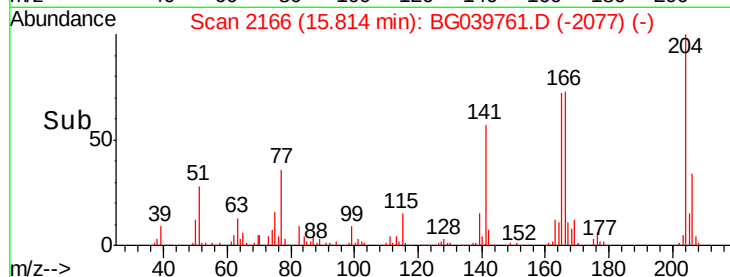
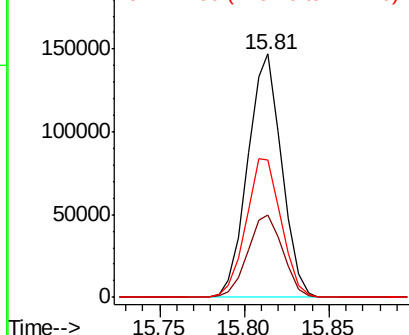
#61
4-Chlorophenyl-phenylether
Concen: 33.027 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampled :

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

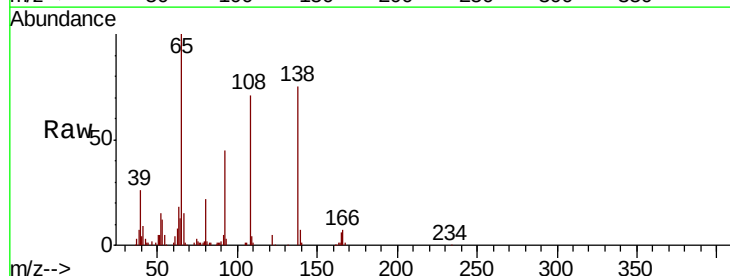


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

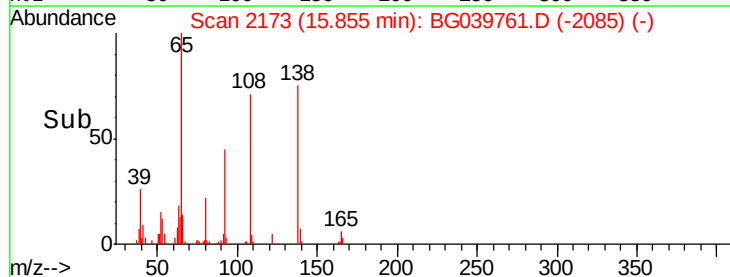
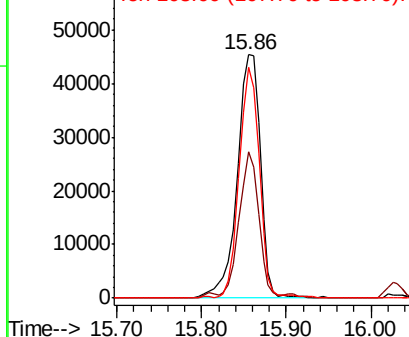


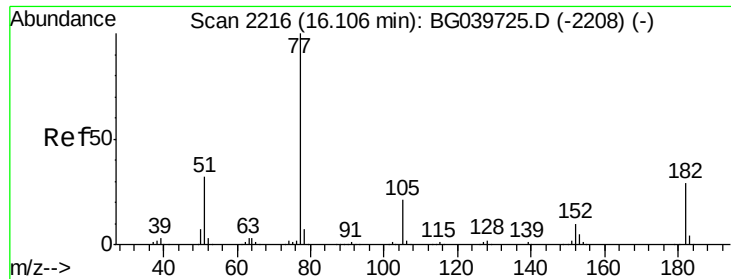
#62
4-Nitroaniline
Concen: 30.010 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt 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

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 373053

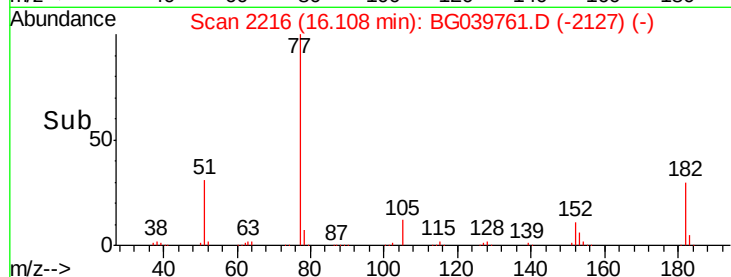
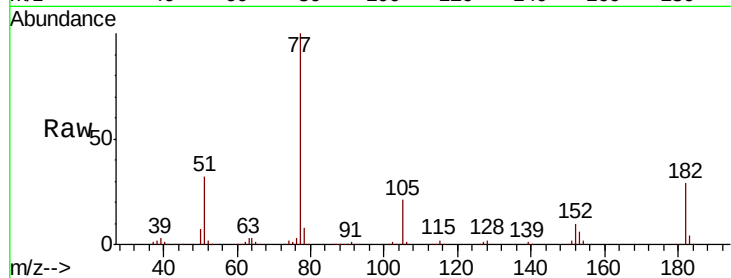
Ion Ratio Lower Upper

77 100

182 29.0 6.4 46.4

105 21.3 0.0 39.8

51 32.2 14.1 54.1

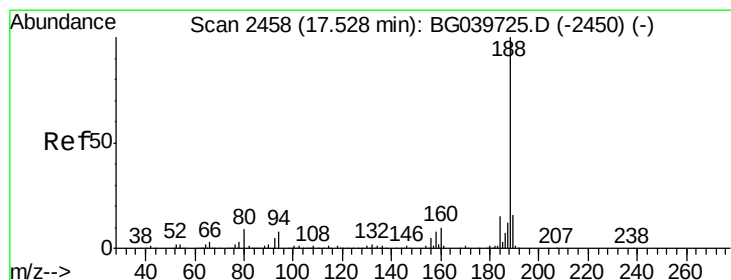
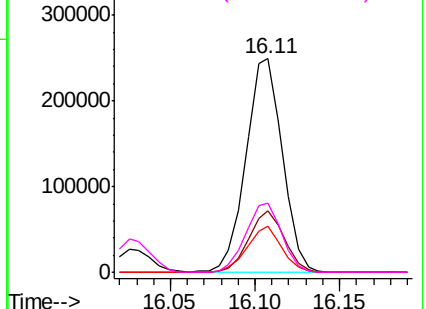


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

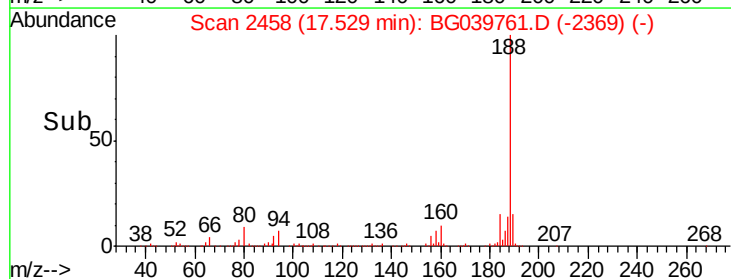
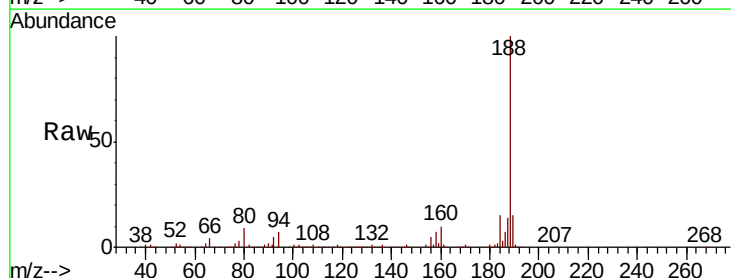
Tgt Ion: 188 Resp: 365654

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

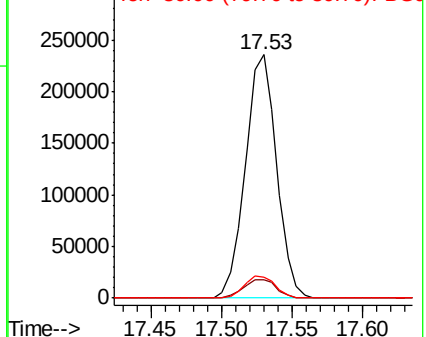
80 8.5 8.1 12.1

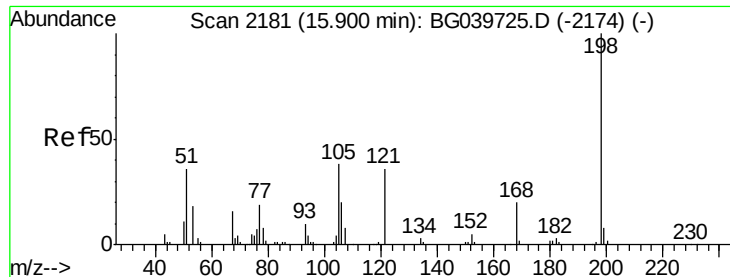


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 21.587 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

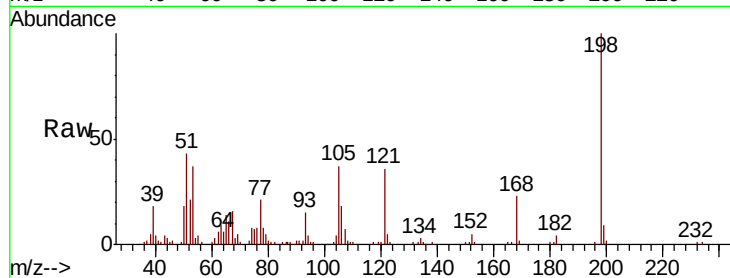
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 46670

Ion	Ratio	Lower	Upper
198	100		
51	42.9	27.4	67.4
105	37.3	19.7	59.7

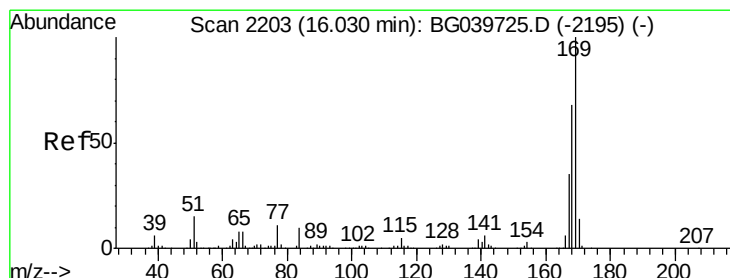
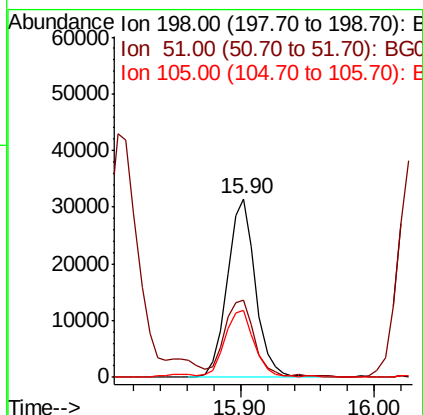
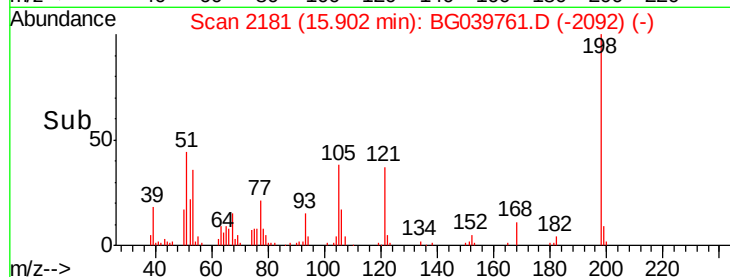


Abundance

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

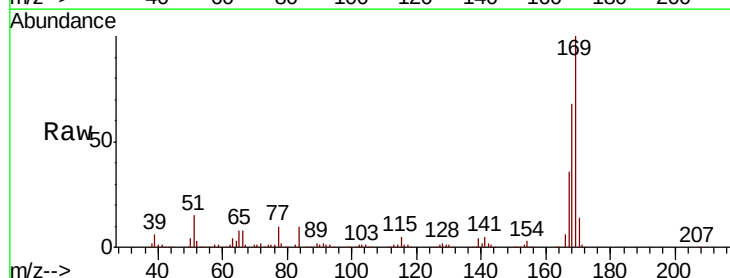
Delta R.T. -0.00 min

Lab File: BG039761.D

Acq: 5 Mar 2019 11:30

Tgt Ion:169 Resp: 364264

Ion	Ratio	Lower	Upper
169	100		
168	68.1	56.6	85.0
167	35.9	28.8	43.2

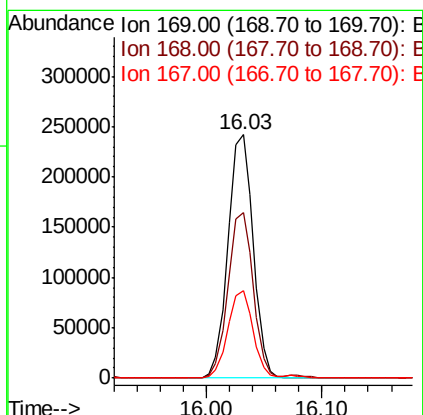
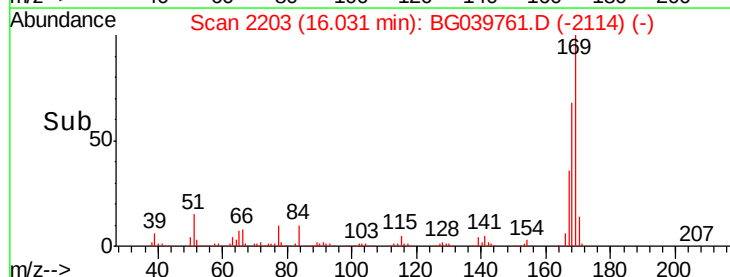


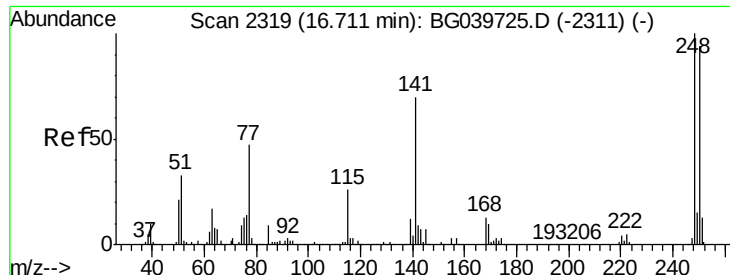
Abundance

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

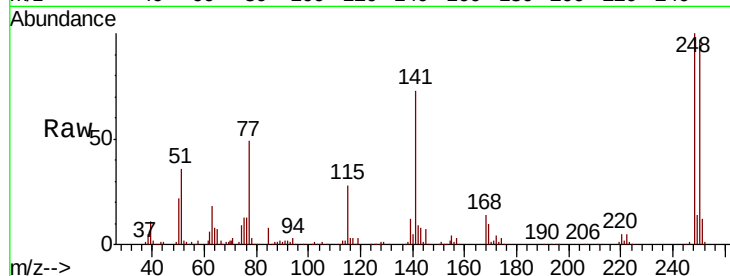




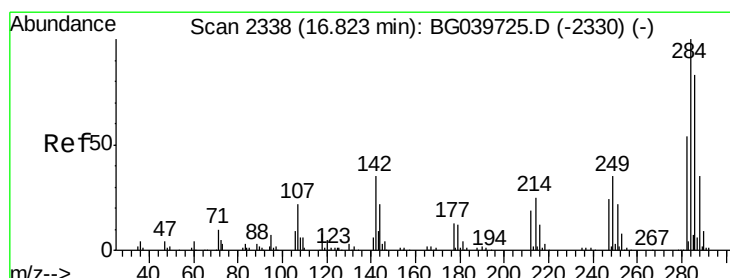
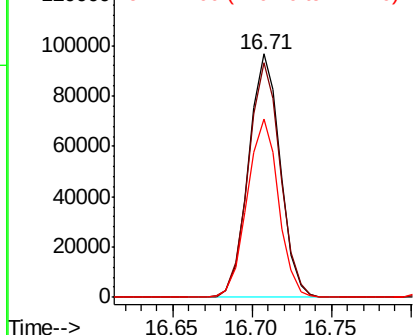
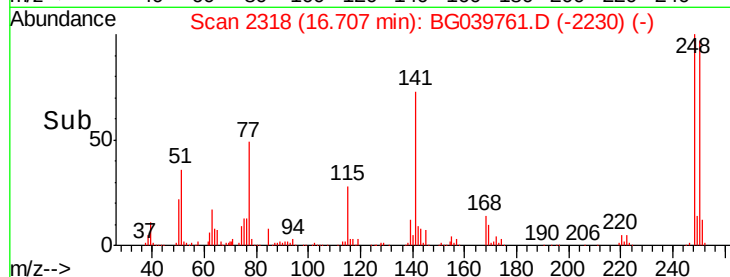
#67
4-Bromophenyl-phenylether
Concen: 32.721 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 133922
Ion Ratio Lower Upper
248 100
250 96.6 77.6 116.4
141 73.2 63.9 95.9

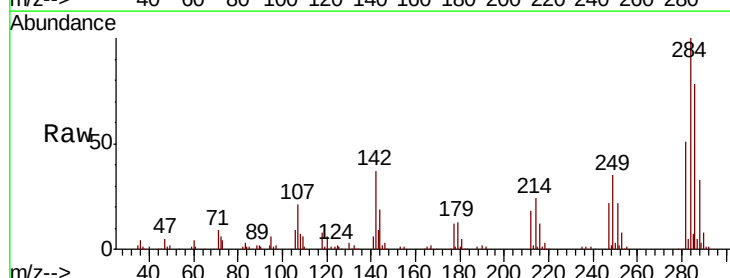


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

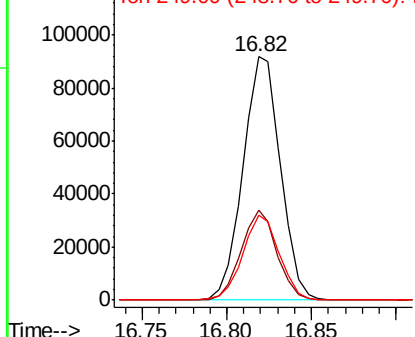
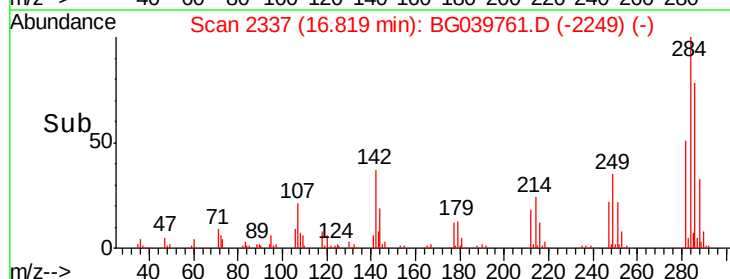


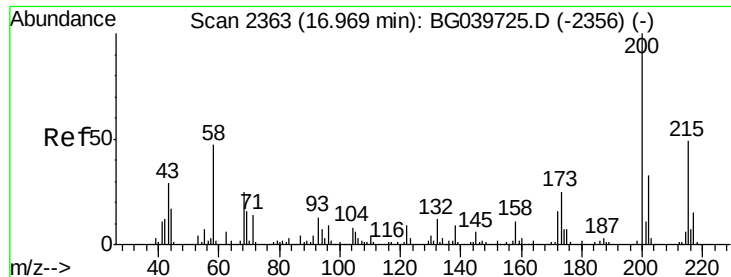
#68
Hexachlorobenzene
Concen: 33.270 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt 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

Instrument :

BNA_G

ClientSampleId :

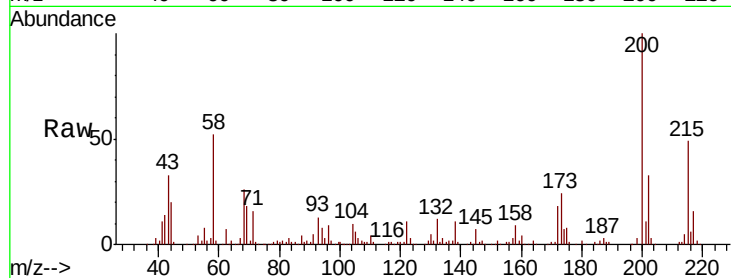
Tot Ion:200 Resp: 143973

Ion Ratio Lower Upper

200 100

173 24.3 3.9 43.9

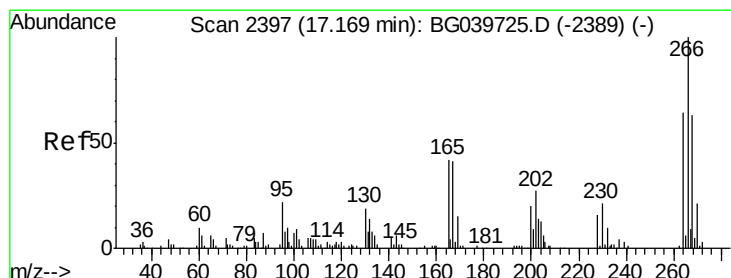
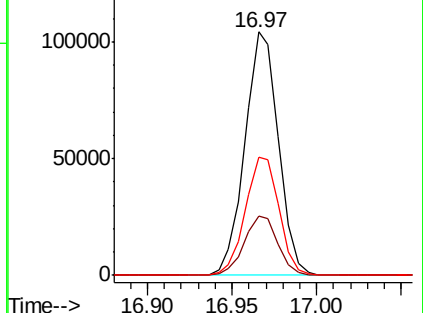
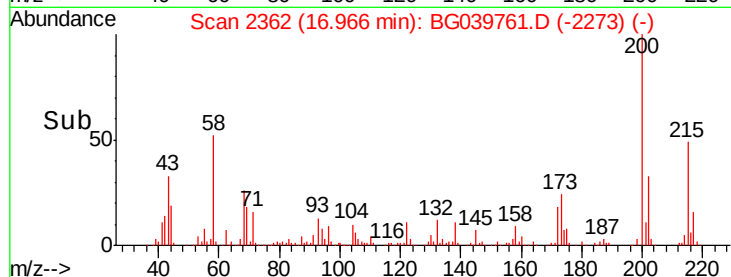
215 48.6 30.9 70.9



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

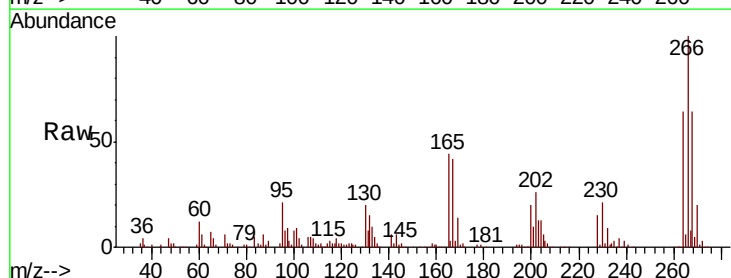
Tgt Ion:266 Resp: 154249

Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

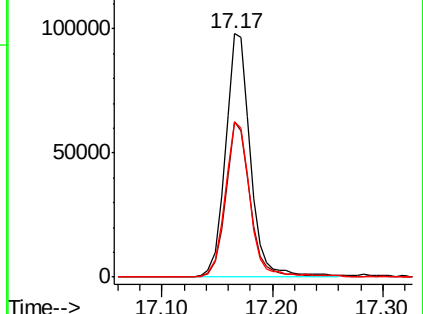
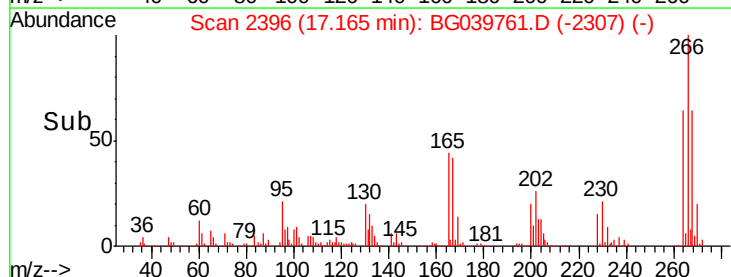
264 63.8 52.1 78.1

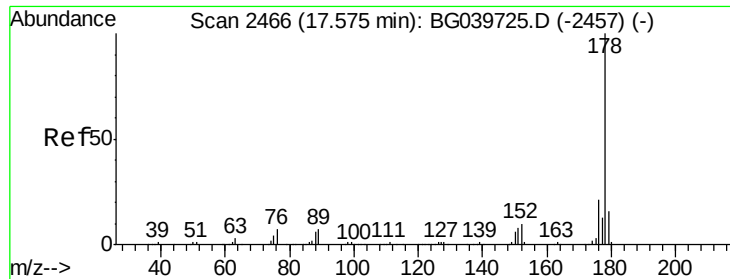


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

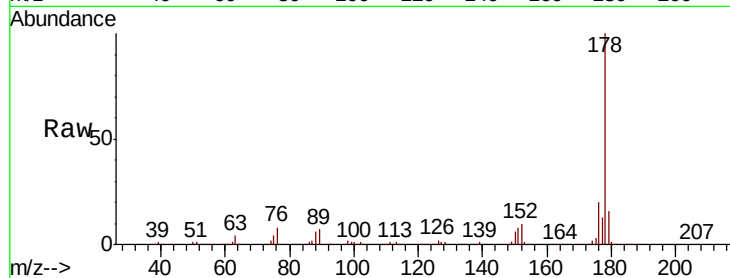




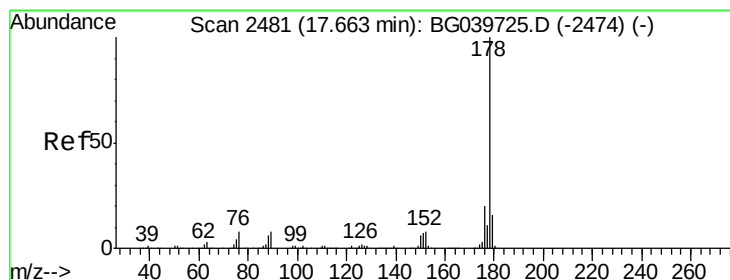
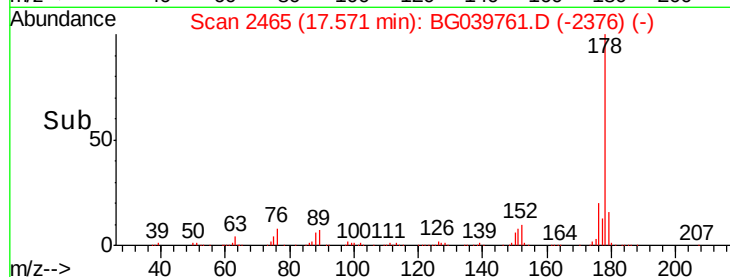
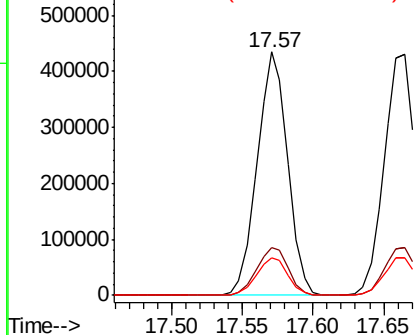
#71
 Phenanthrene
 Concen: 32.678 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :

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

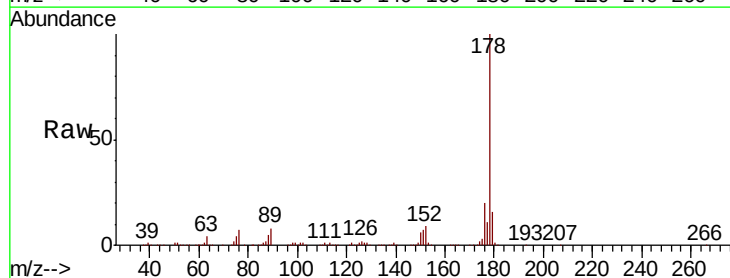


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

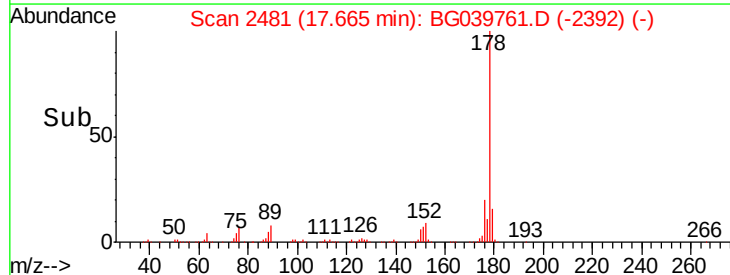
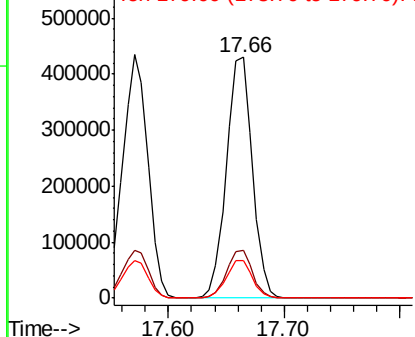


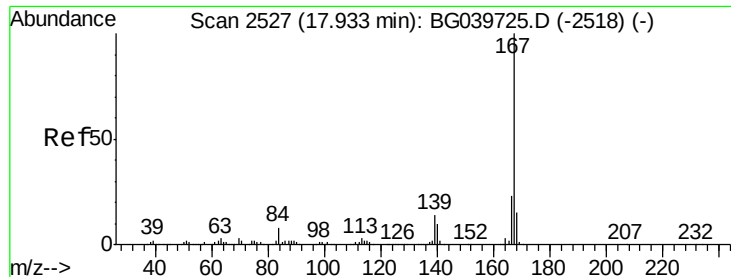
#72
 Anthracene
 Concen: 34.093 ng
 RT: 17.66 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

Tgt 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

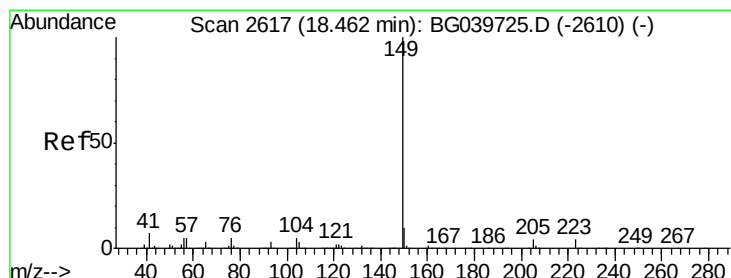
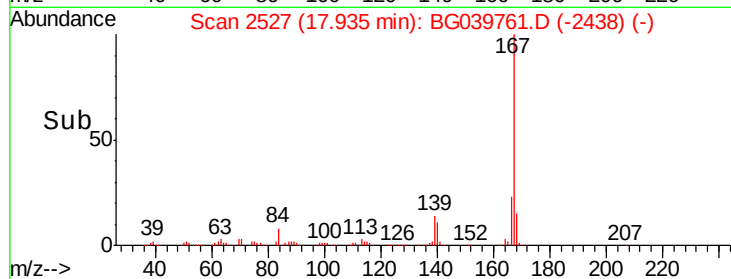
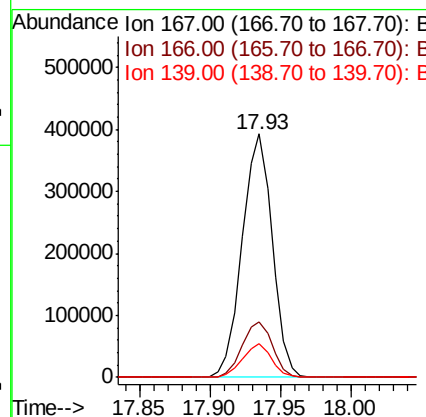
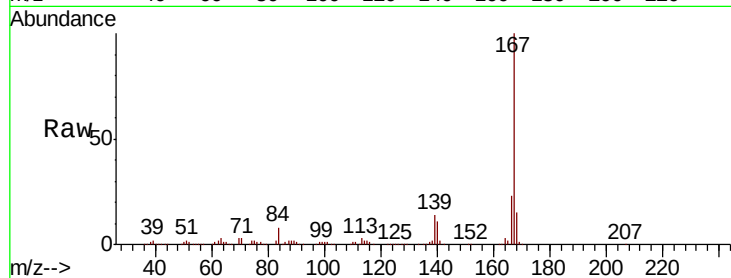




#73
 Carbazole
 Concen: 33.165 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039761.D
 Acq: 5 Mar 2019 11:30

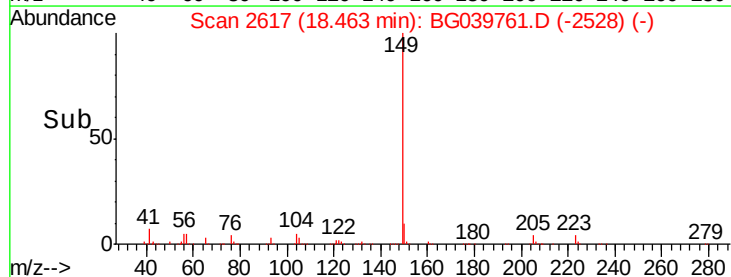
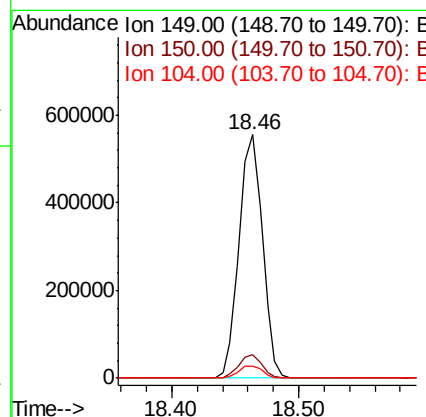
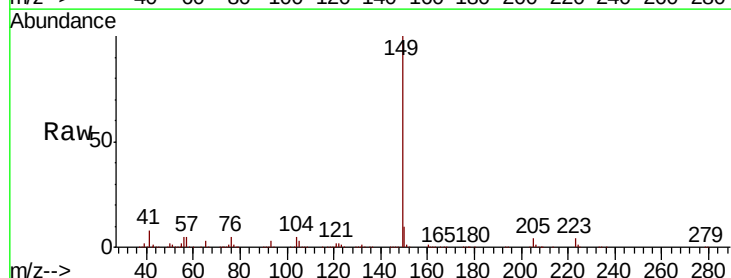
Instrument :
 BNA_G
 ClientSampleId :

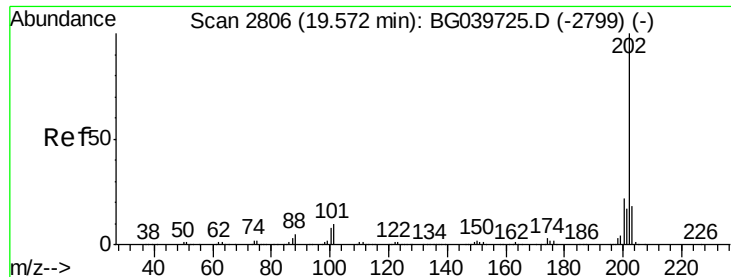
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.4	29.2
139	14.0	10.8	16.2



#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

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.0	4.5	6.7





#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

Instrument :

BNA_G

ClientSampleId :

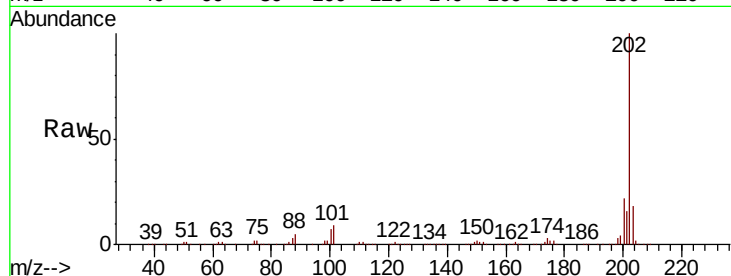
Tot Ion:202 Resp: 786992

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

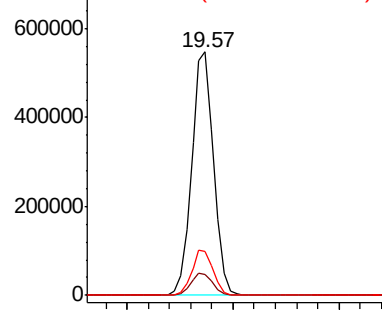
203 17.9 0.0 38.9



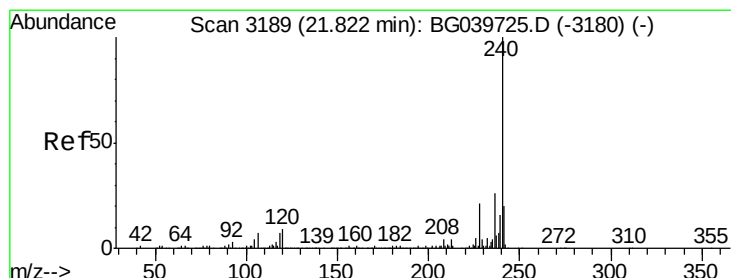
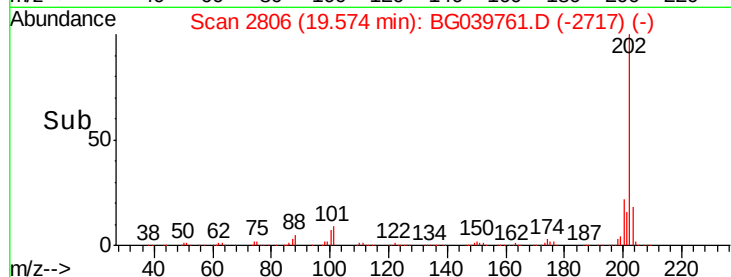
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#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

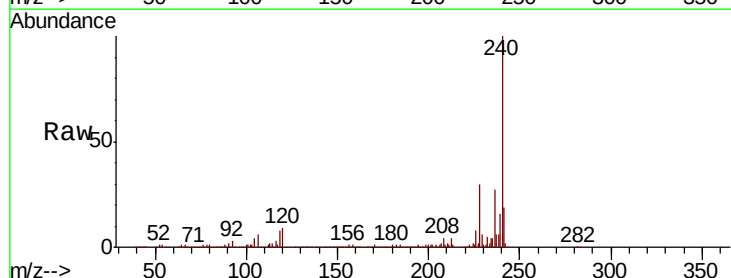
Tgt Ion:240 Resp: 373559

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

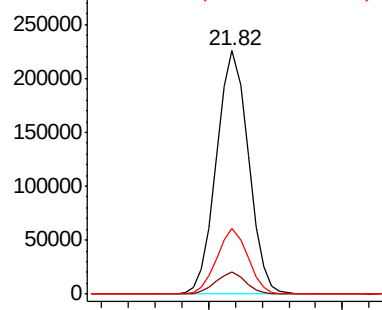
236 27.2 21.0 31.4



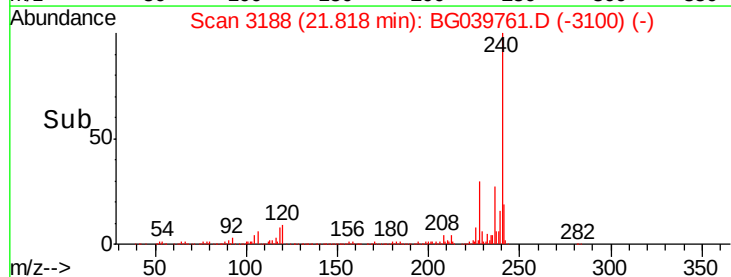
Abundance Ion 240.00 (239.70 to 240.70): E

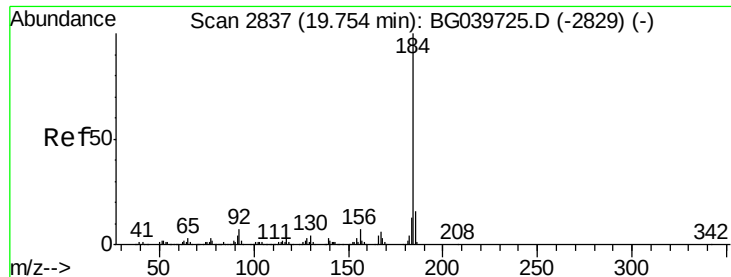
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#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

Instrument :

BNA_G

ClientSampleId :

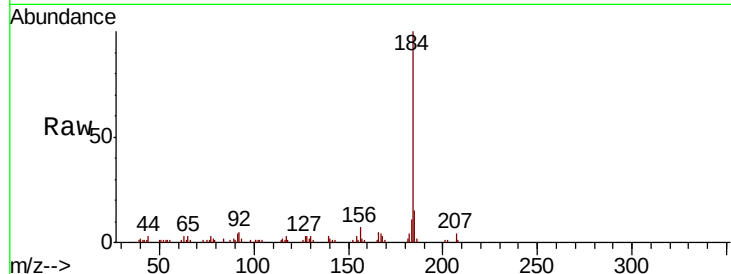
Tot Ion:184 Resp: 44348

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

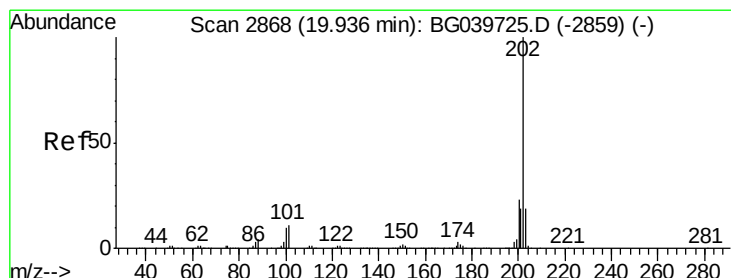
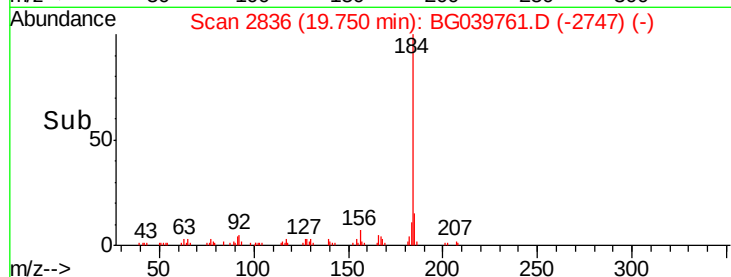
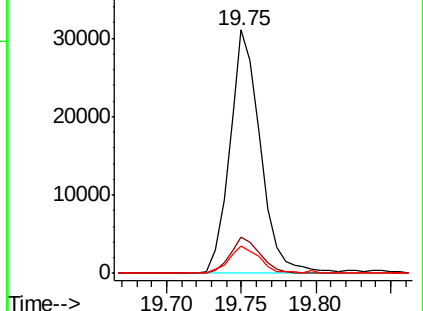
183 11.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 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

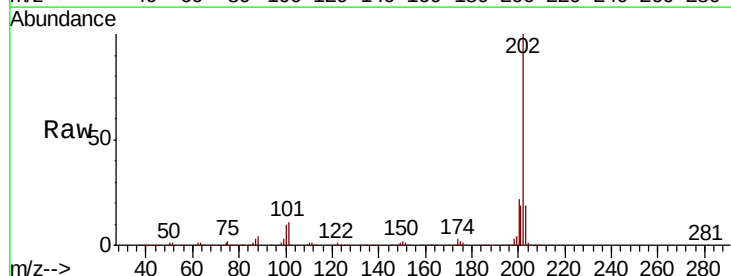
Tgt Ion:202 Resp: 792220

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.8

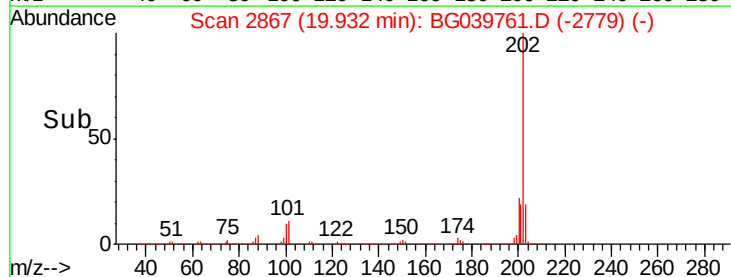
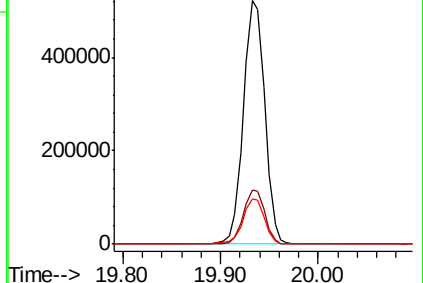
203 18.5 15.3 22.9

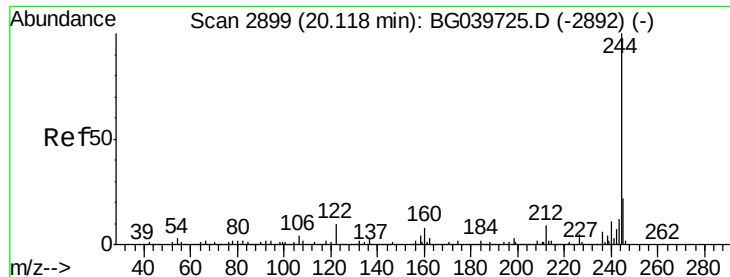


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 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

Instrument :

BNA_G

ClientSampled :

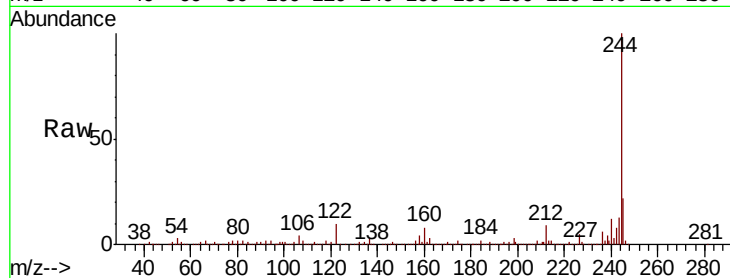
Tot Ion:244 Resp: 1203283

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

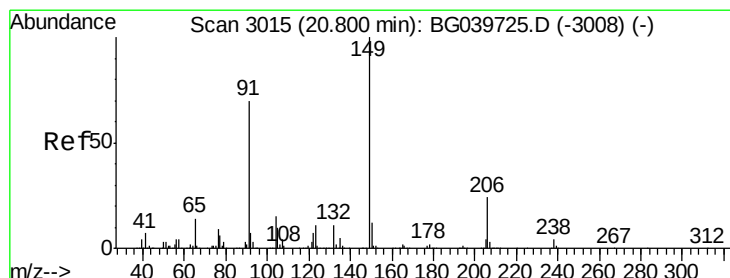
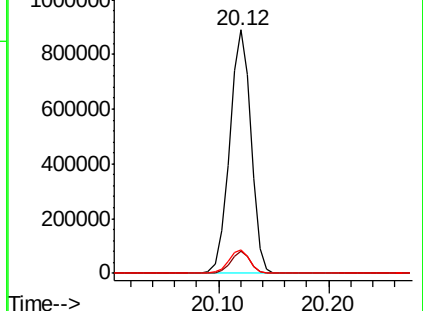
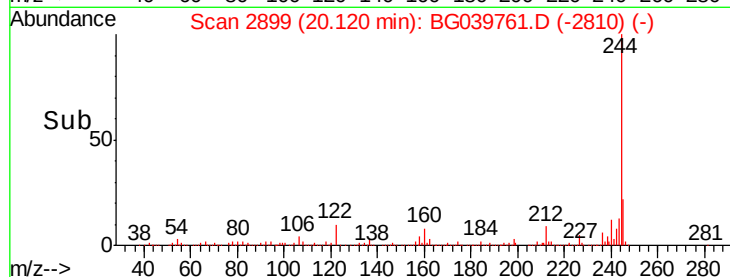
122 9.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 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

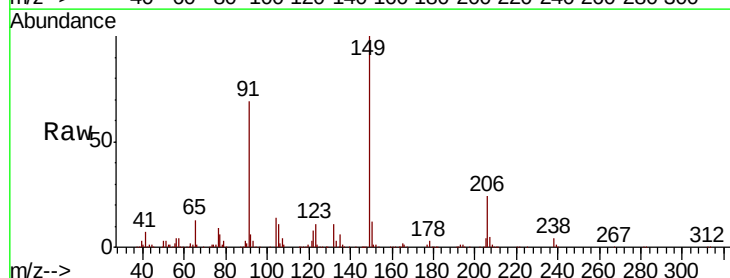
Tgt Ion:149 Resp: 327677

Ion Ratio Lower Upper

149 100

91 68.9 59.5 89.3

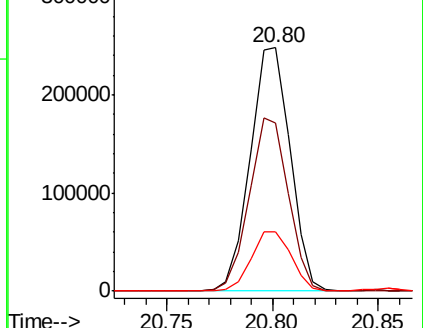
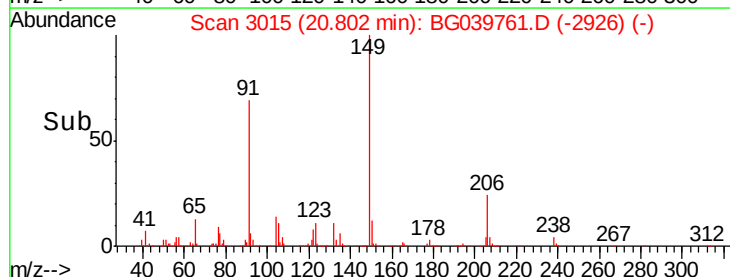
206 24.2 18.6 27.8

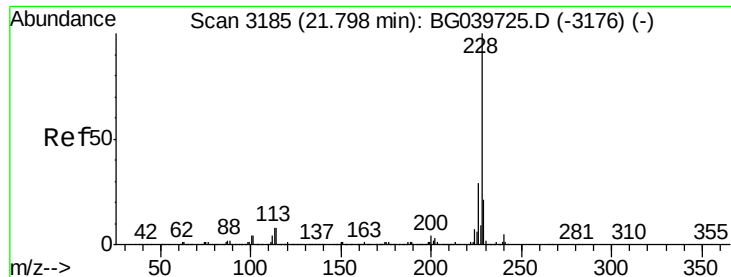


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

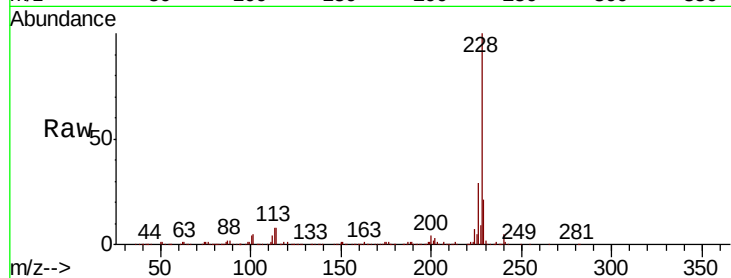




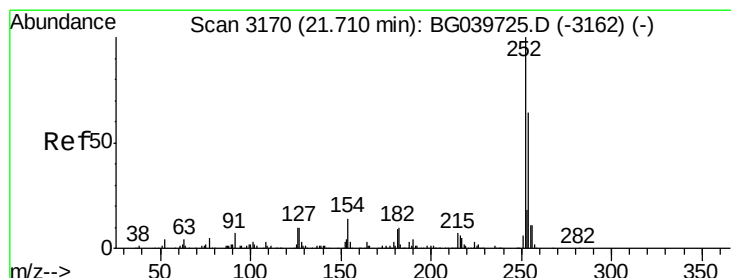
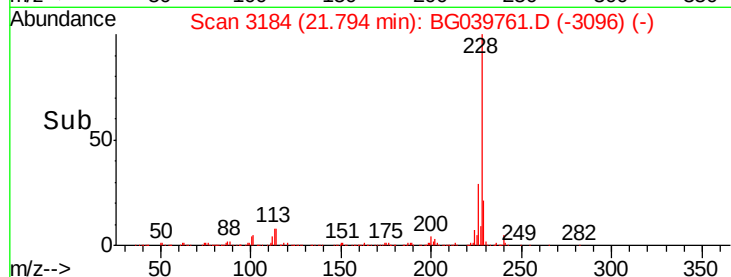
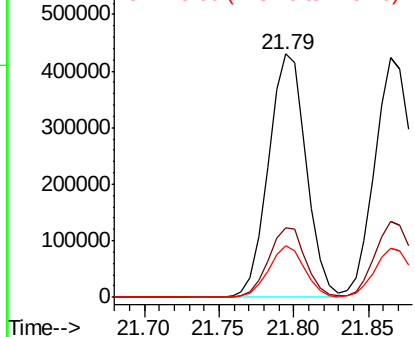
#81
Benzo(a)anthracene
Concen: 32.326 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampled :

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

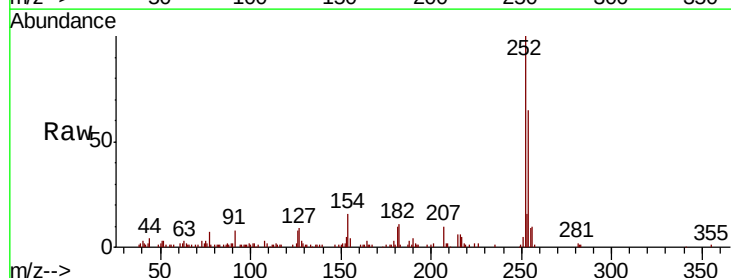


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

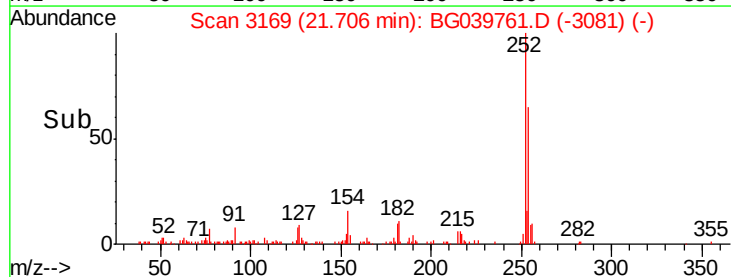
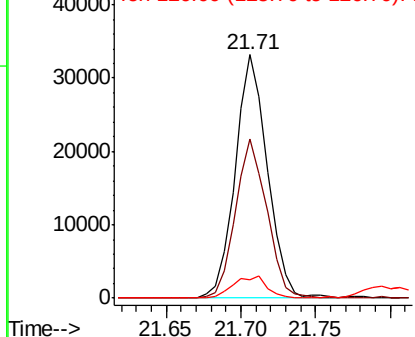


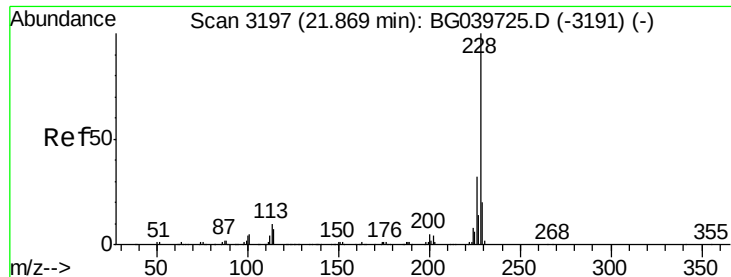
#82
3,3'-Dichlorobenzidine
Concen: 5.787 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Tgt 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

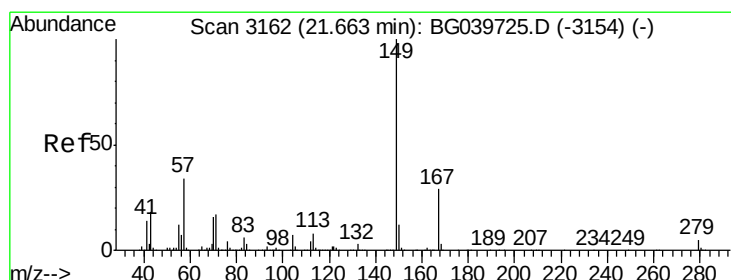
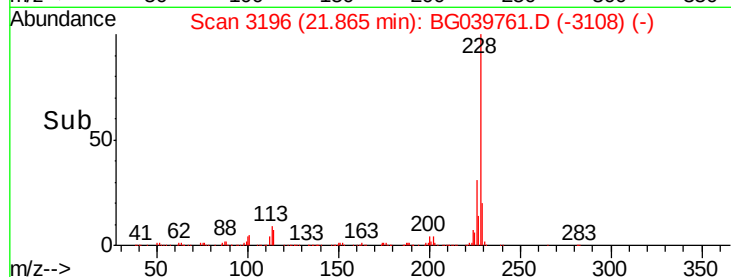
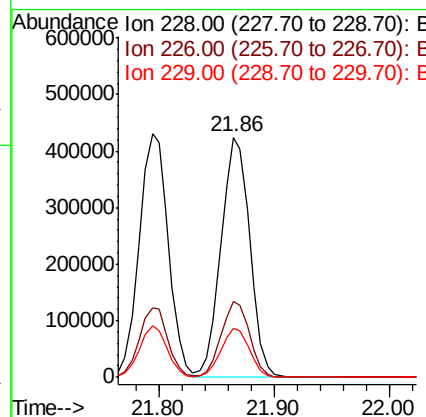
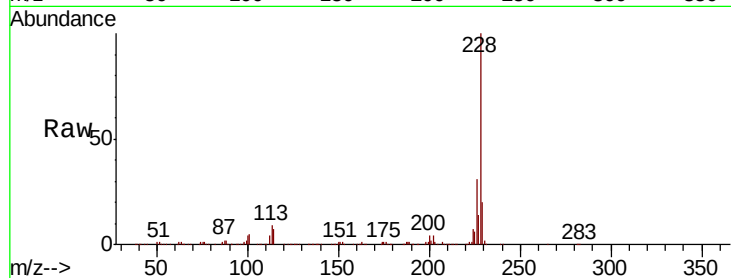




#83
Chrysene
Concen: 32.127 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

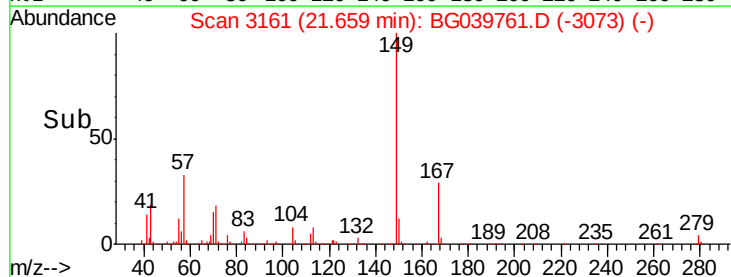
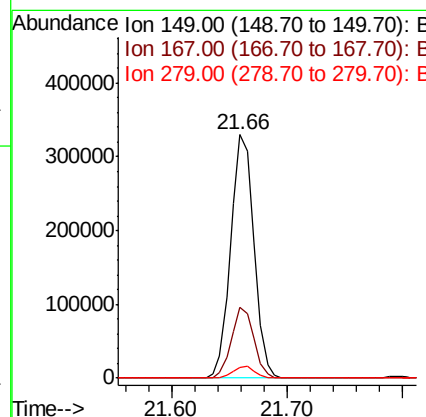
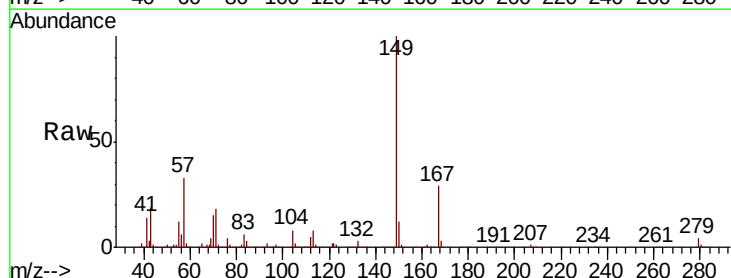
Instrument :
BNA_G
ClientSampled :

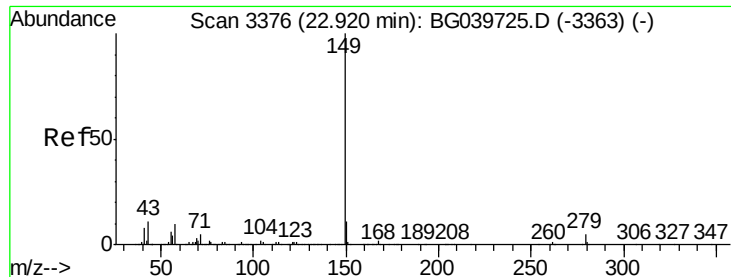
Tot Ion:228 Resp: 729201
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.6
229 20.2 16.6 25.0



#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

Tgt Ion:149 Resp: 458111
Ion Ratio Lower Upper
149 100
167 29.2 22.6 34.0
279 4.5 3.5 5.3

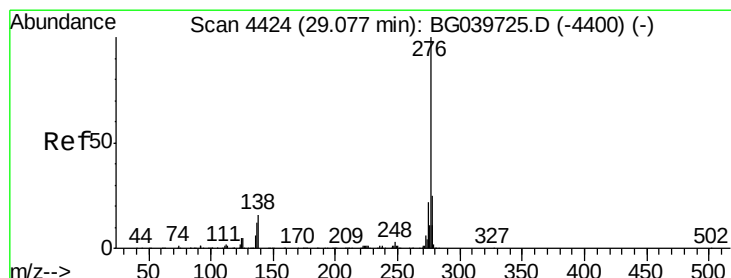
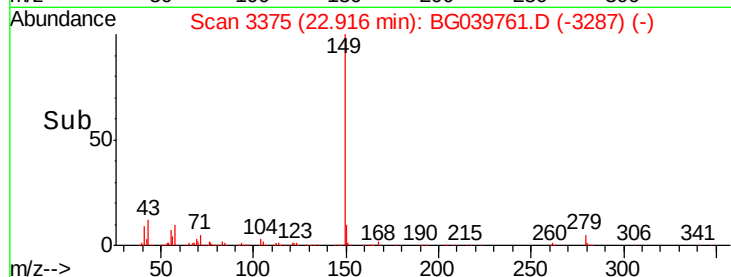
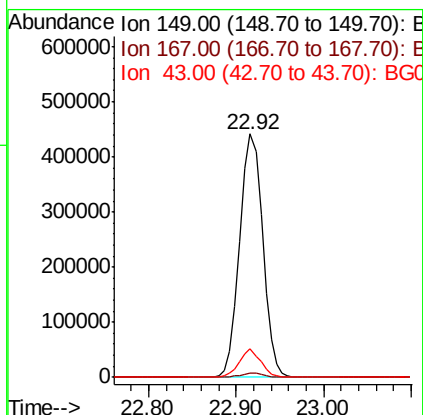
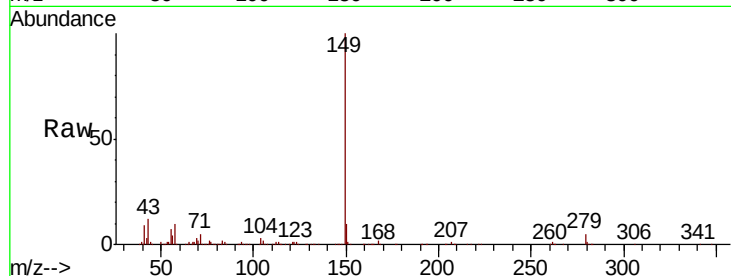




#85
Di-n-octyl phthalate
Concen: 35.856 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

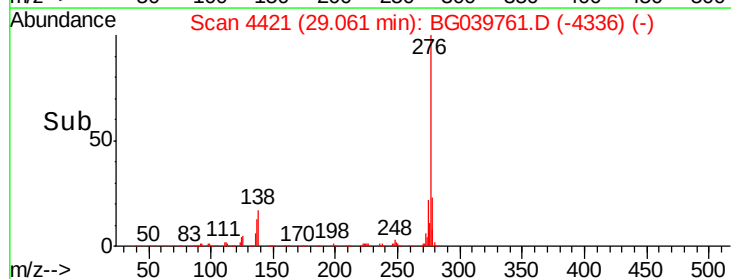
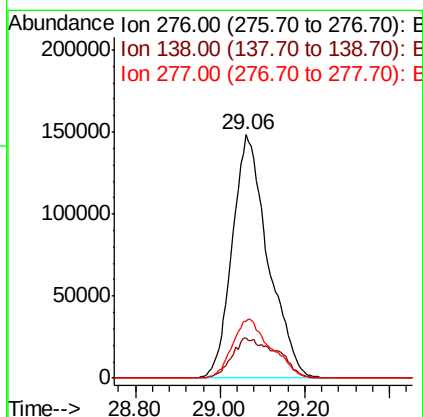
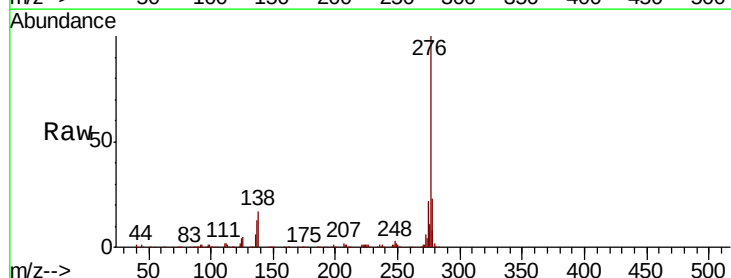
Instrument :
BNA_G
ClientSampled :

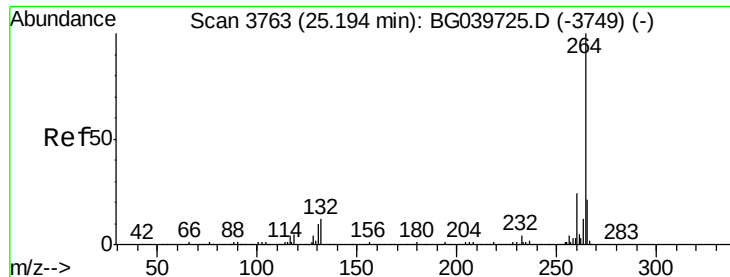
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.8	10.2	15.4



#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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	12.6	19.0#
277	26.0	20.8	31.2

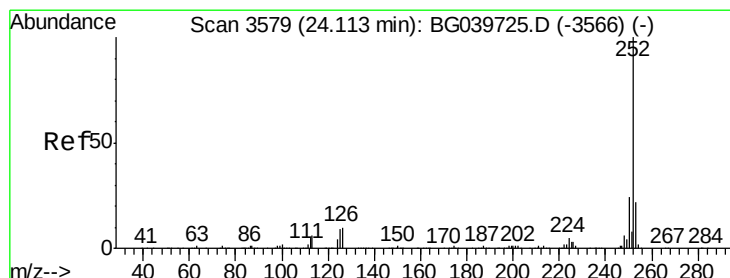
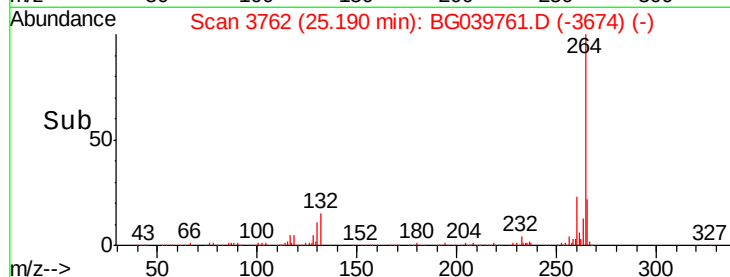
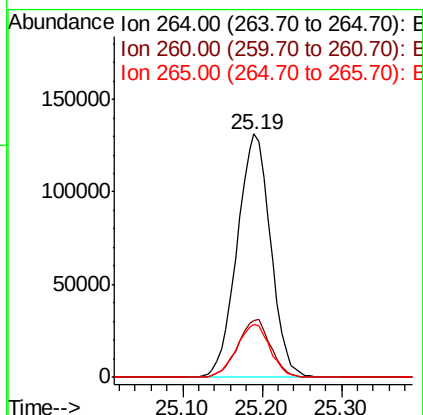
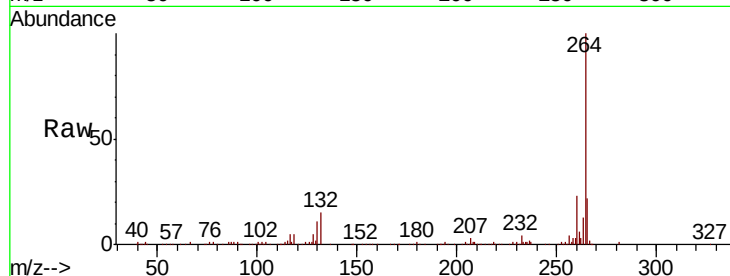




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

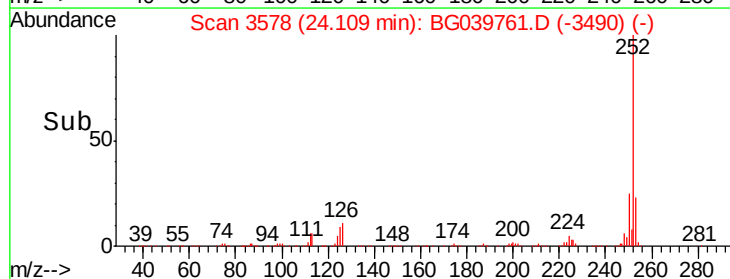
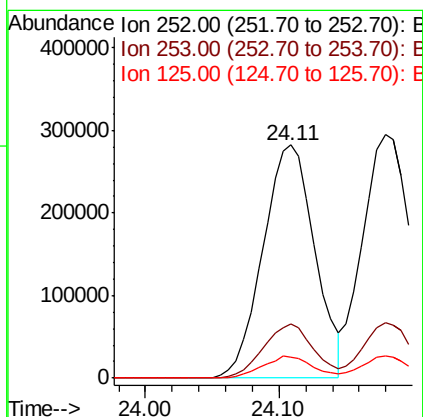
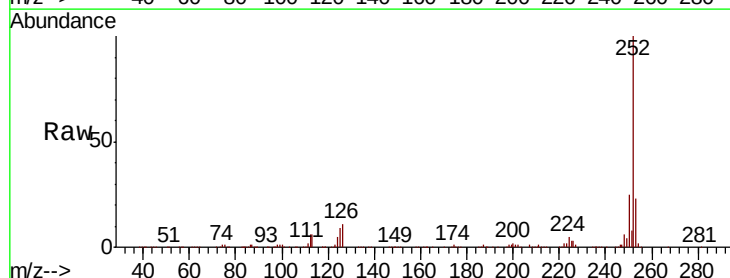
Instrument :
BNA_G
ClientSampleId :

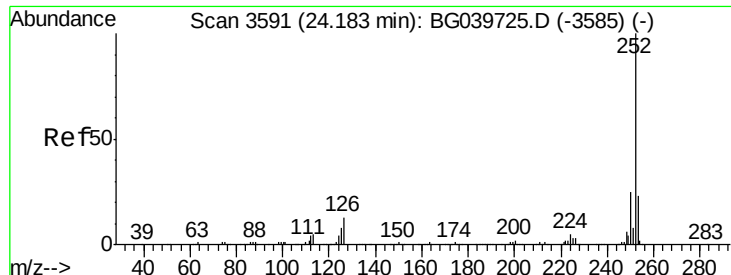
Tot Ion:264 Resp: 384404
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.4
265 21.6 18.5 27.7



#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

Tgt Ion:252 Resp: 759468
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.0 7.8 11.6

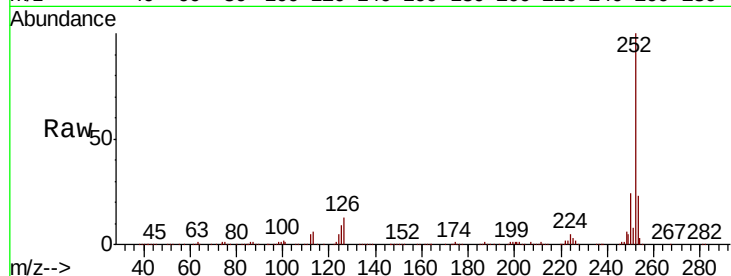




#89
Benzo(k)fluoranthene
Concen: 34.313 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

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

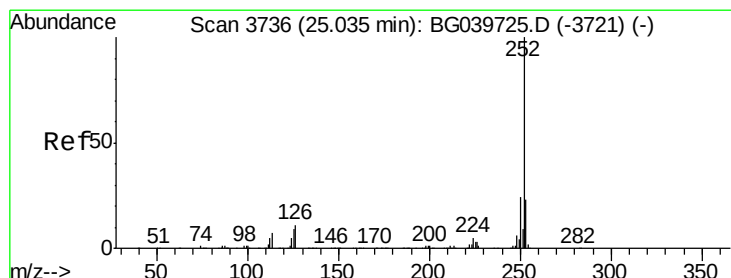
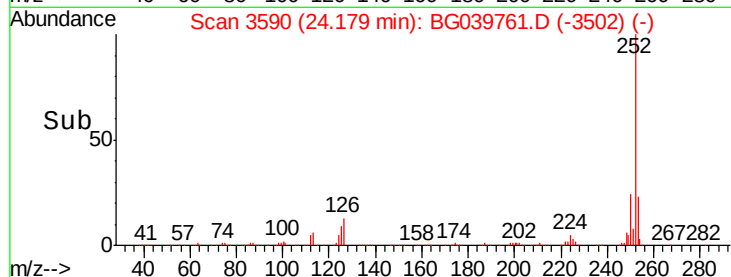
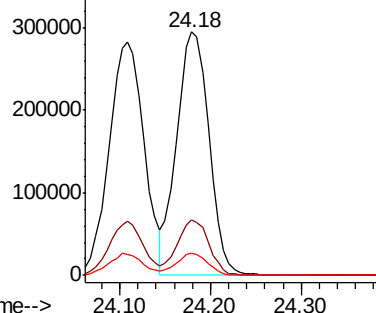


Abundance

Ion 252.00 (251.70 to 252.70): E

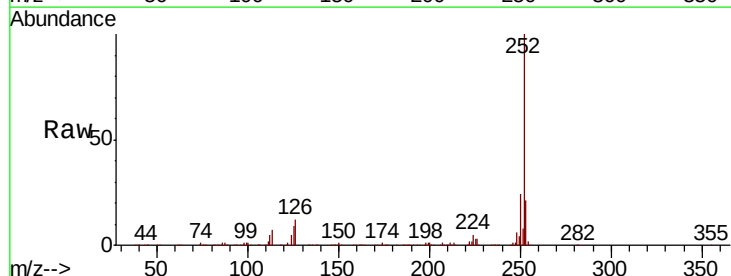
Ion 253.00 (252.70 to 253.70): E

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	9.4	8.3	12.5

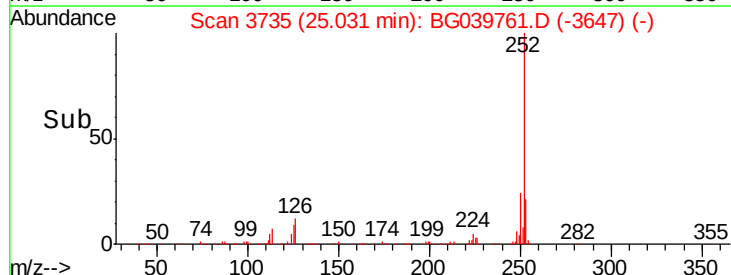
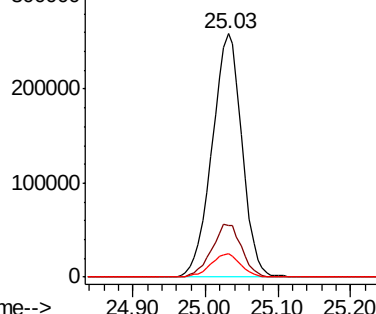


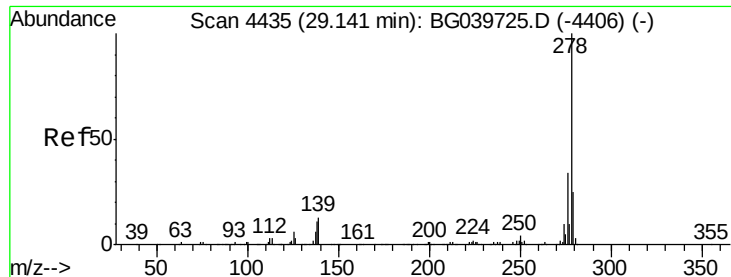
Abundance

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



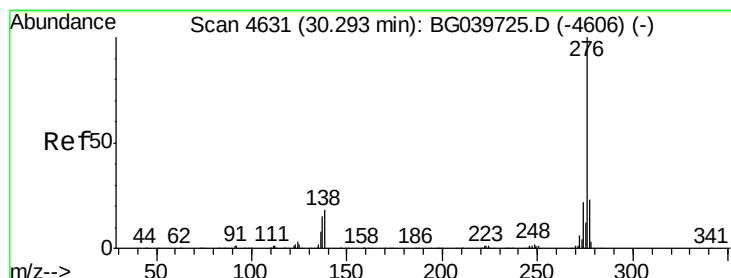
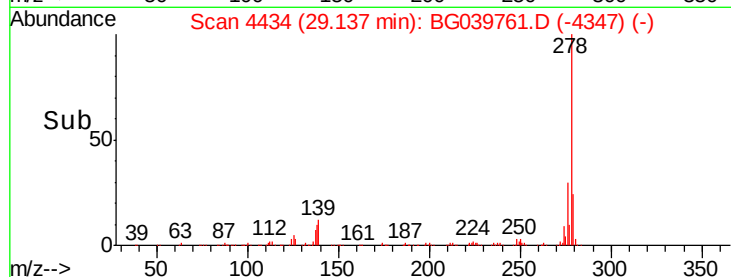
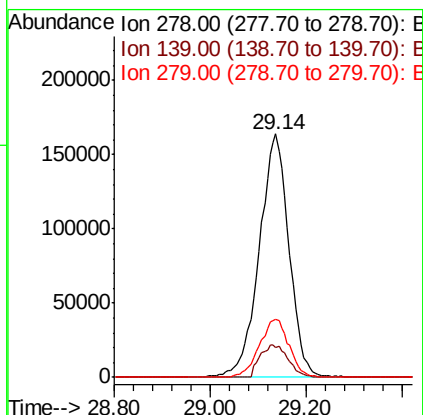
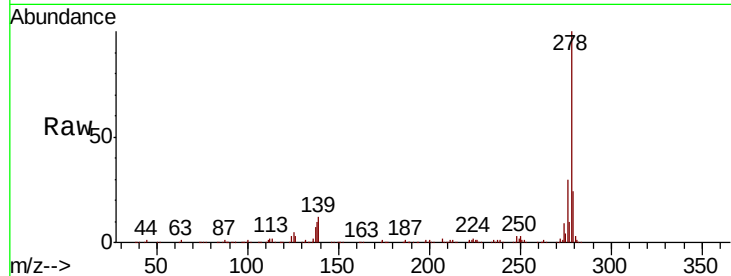


#91
Dibenzo(a,h)anthracene
Concen: 33.928 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG039761.D
Acq: 5 Mar 2019 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 704552

Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.7	17.5
279	23.6	19.1	28.7



#92
Benzo(g,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

Tgt Ion:276 Resp: 712014

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

