

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039797.D
 Acq On : 6 Mar 2019 21:24
 Operator : JU/SJ
 Sample : PB117669BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Quant Time: Mar 07 00:12:22 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	8.15	152	43053	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	194565	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	137732	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	335295	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	324169	20.00	ng	-0.01
87) Perylene-d12	25.18	264	334832	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	327765	129.88	ng	-0.01
7) Phenol-d6	7.30	99	491539	130.63	ng	-0.01
23) Nitrobenzene-d5	9.33	82	284873	79.19	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	200721	125.03	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	722559	74.70	ng	-0.01
79) Terphenyl-d14	20.12	244	1138424	77.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	33703	28.928	ng	97
3) Pyridine	3.99	79	96675	30.994	ng	98
4) n-Nitrosodimethylamine	3.91	42	54545	36.862	ng	# 98
6) Aniline	7.48	93	103921	21.080	ng	98
8) 2-Chlorophenol	7.71	128	119280	38.960	ng	97
9) Benzaldehyde	7.30	77	54709	22.539	ng	95
10) Phenol	7.33	94	164001	40.232	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	109398	34.421	ng	97
12) 1,3-Dichlorobenzene	8.04	146	119728	34.577	ng	95
13) 1,4-Dichlorobenzene	8.19	146	122151	34.633	ng	99
14) 1,2-Dichlorobenzene	8.51	146	117328	34.430	ng	99
15) Benzyl Alcohol	8.39	79	117097	39.230	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	220755	34.729	ng	99
17) 2-Methylphenol	8.59	107	108361	41.689	ng	96
18) Hexachloroethane	9.24	117	43677	34.513	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	97361	35.948	ng	91
20) 3+4-Methylphenols	8.92	107	150512	41.682	ng	95
22) Acetophenone	8.98	105	181177	34.695	ng	# 95
24) Nitrobenzene	9.38	77	141076	37.381	ng	97
25) Isophorone	9.89	82	274044	36.356	ng	98
26) 2-Nitrophenol	10.09	139	71774	39.390	ng	97
27) 2,4-Dimethylphenol	10.13	122	128540	45.357	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	167606	36.589	ng	99
29) 2,4-Dichlorophenol	10.62	162	138103	43.283	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	129560	36.085	ng	95
31) Naphthalene	11.03	128	378560	36.748	ng	100
32) Benzoic acid	10.26	122	75833	40.213	ng	92
33) 4-Chloroaniline	11.14	127	63384	14.510	ng	97
34) Hexachlorobutadiene	11.29	225	85758	34.954	ng	99
35) Caprolactam	11.92	113	33175	27.219	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	150506	41.149	ng	97
37) 2-Methylnaphthalene	12.62	142	295236	38.334	ng	97
38) 1-Methylnaphthalene	12.84	142	284094	37.958	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	161516	34.615	ng	98

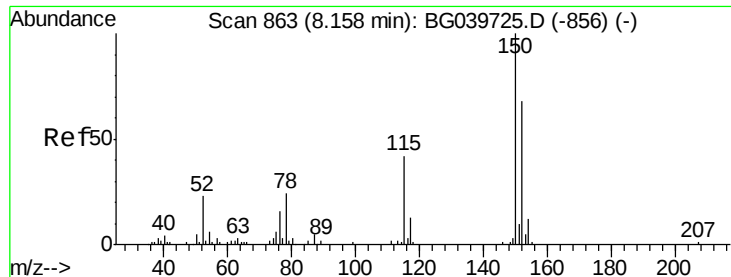
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	206818	82.709	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	118843	43.505	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	126778	41.173	ng	98
46) 1,1'-Biphenyl	13.62	154	400574	35.361	ng	99
47) 2-Chloronaphthalene	13.66	162	314513	36.905	ng	98
48) 2-Nitroaniline	13.88	65	111689	40.781	ng	94
49) Acenaphthylene	14.51	152	509331	36.407	ng	98
50) Dimethylphthalate	14.23	163	425094	36.910	ng	99
51) 2,6-Dinitrotoluene	14.36	165	93610	38.340	ng	97
52) Acenaphthene	14.84	154	308887	36.684	ng	99
53) 3-Nitroaniline	14.69	138	54149	22.063	ng	# 95
54) 2,4-Dinitrophenol	14.90	184	53392	37.654	ng	95
55) Dibenzofuran	15.18	168	508917	36.838	ng	98
56) 4-Nitrophenol	14.99	139	162585	74.053	ng	93
57) 2,4-Dinitrotoluene	15.14	165	135402	39.468	ng	87
58) Fluorene	15.83	166	404893	37.281	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	127708	42.468	ng	97
60) Diethylphthalate	15.58	149	434501	38.111	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	214232	36.966	ng	99
62) 4-Nitroaniline	15.86	138	102058	38.357	ng	94
63) Azobenzene	16.10	77	391405	37.873	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	63821	32.192	ng	92
66) n-Nitrosodiphenylamine	16.03	169	376572	38.794	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	141118	37.601	ng	95
68) Hexachlorobenzene	16.82	284	143975	37.009	ng	98
69) Atrazine	16.97	200	139192	36.435	ng	99
70) Pentachlorophenol	17.17	266	169975	69.182	ng	98
71) Phenanthrene	17.57	178	692990	37.523	ng	99
72) Anthracene	17.66	178	697711	38.768	ng	98
73) Carbazole	17.93	167	606078	37.355	ng	98
74) Di-n-butylphthalate	18.46	149	738882	38.706	ng	98
75) Fluoranthene	19.57	202	817417	37.451	ng	99
77) Benzidine	19.75	184	275718	26.803	ng	99
78) Pyrene	19.93	202	809906	38.449	ng	99
80) Butylbenzylphthalate	20.80	149	337103	41.307	ng	97
81) Benzo(a)anthracene	21.79	228	770926	37.946	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	135358	18.249	ng	97
83) Chrysene	21.86	228	726648	36.892	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	467901	40.800	ng	99
85) Di-n-octyl phthalate	22.92	149	794559	41.844	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	858858	38.437	ng	# 96
88) Benzo(b)fluoranthene	24.10	252	748774	37.501	ng	98
89) Benzo(k)fluoranthene	24.18	252	728129	39.176	ng	99
90) Benzo(a)pyrene	25.03	252	737996	39.999	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	691515	38.231	ng	99
92) Benzo(g,h,i)perylene	30.28	276	709462	39.054	ng	99

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

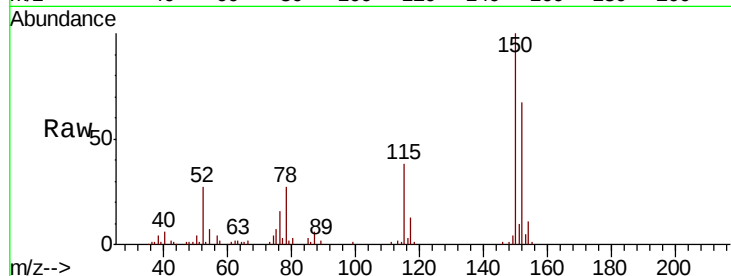


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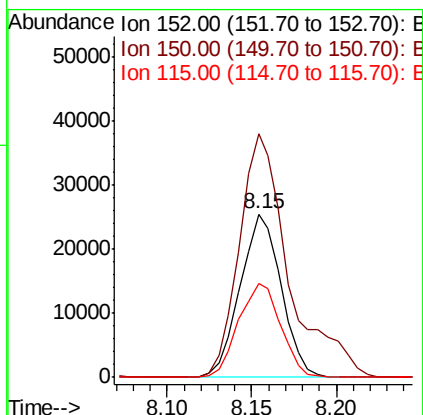
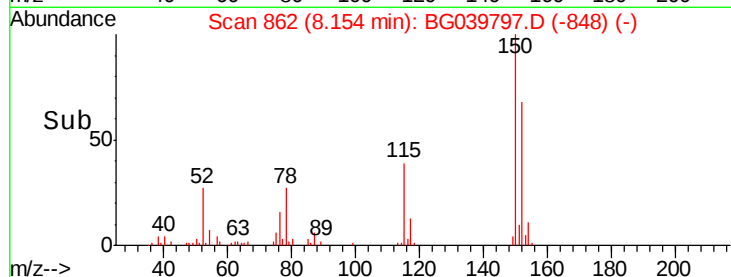
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion:152 Resp: 43053
Ion Ratio Lower Upper
152 100
150 149.0 123.7 185.5
115 57.1 45.9 68.9



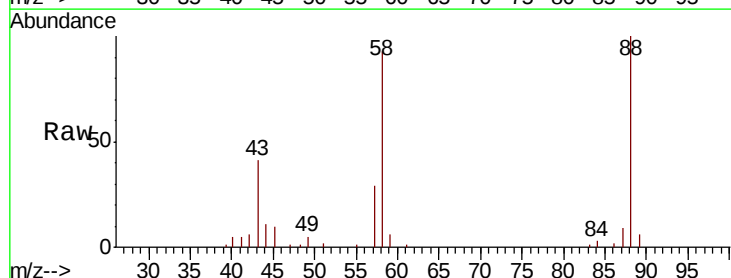
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



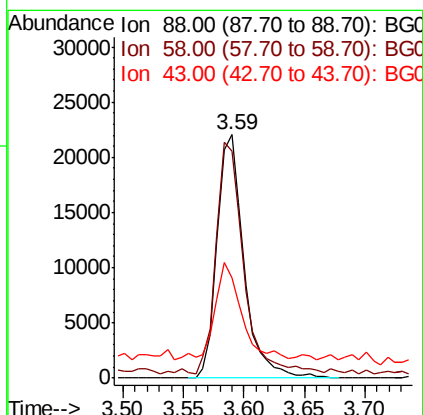
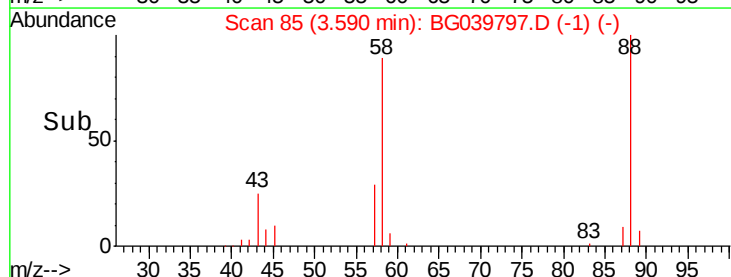
#2

1,4-Dioxane
Concen: 28.928 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion: 88 Resp: 33703
Ion Ratio Lower Upper
88 100
58 99.0 81.1 121.7
43 37.5 31.4 47.0



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





#3

Pyridine

Concen: 30.994 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

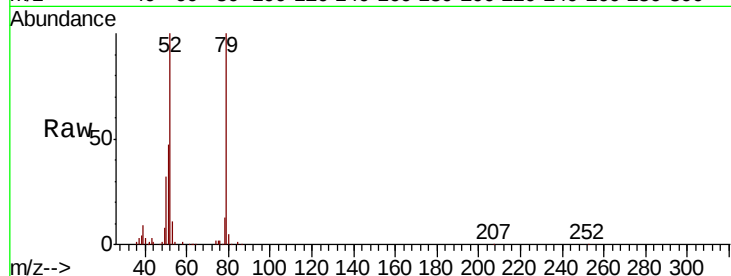
Tgt Ion: 79 Resp: 96675

Ion Ratio Lower Upper

79 100

52 99.9 82.6 124.0

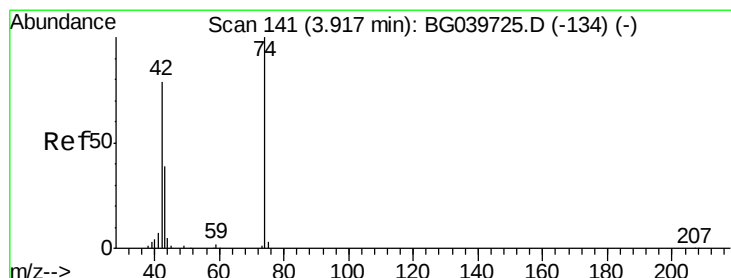
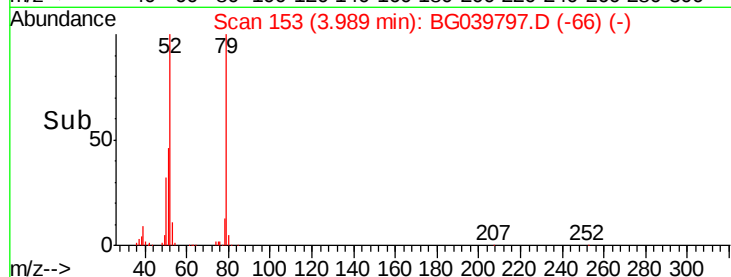
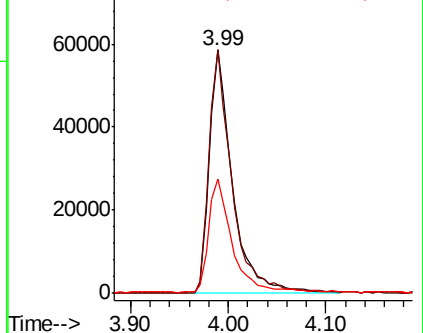
51 46.8 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.862 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

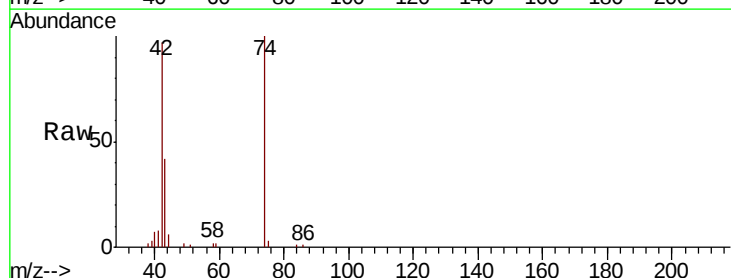
Tgt Ion: 42 Resp: 54545

Ion Ratio Lower Upper

42 100

74 103.3 83.6 125.4

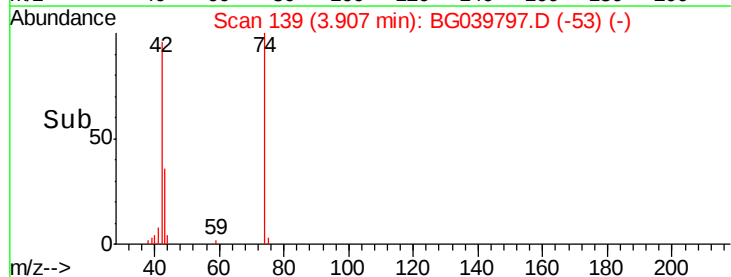
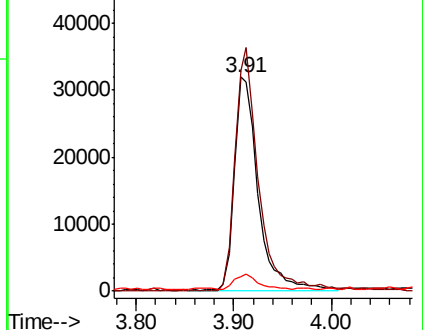
44 6.5 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.879 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

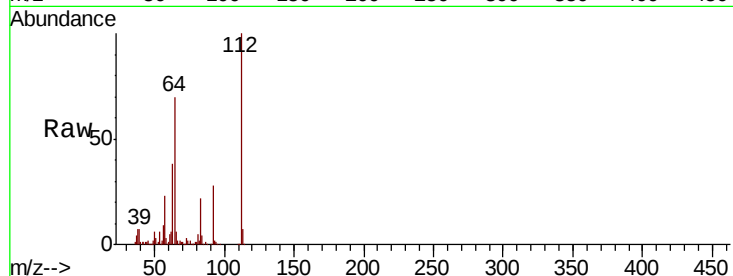
Tgt Ion: 112 Resp: 327765

Ion Ratio Lower Upper

112 100

64 69.9 57.8 86.8

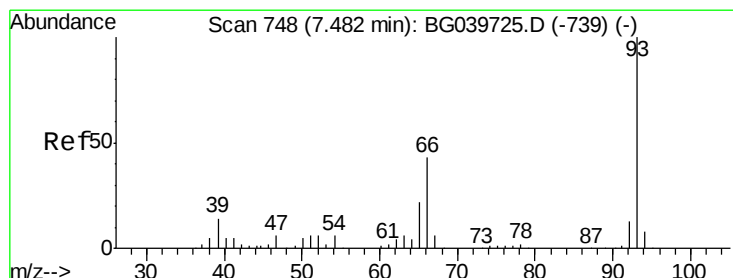
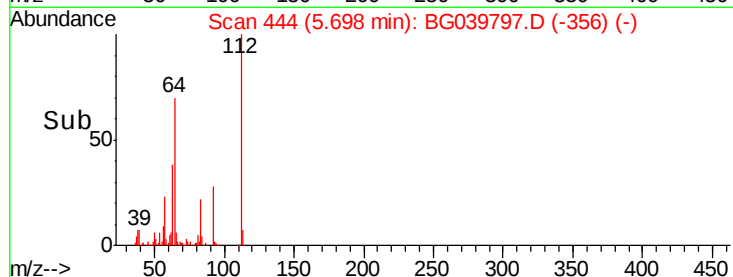
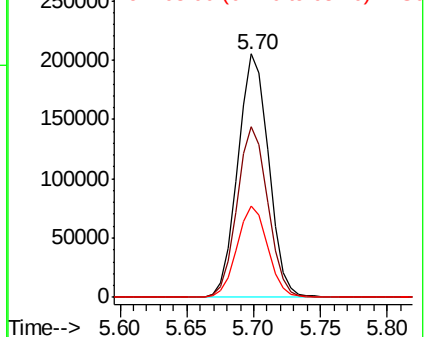
63 37.7 29.8 44.6



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: 21.080 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

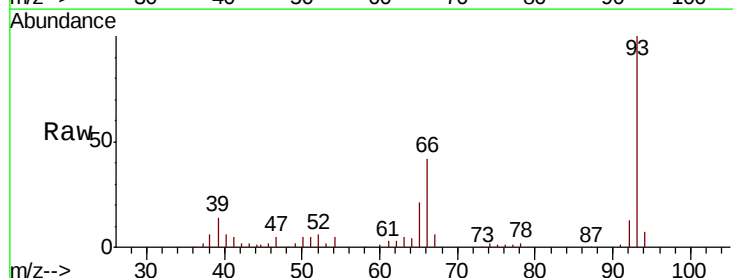
Tgt Ion: 93 Resp: 103921

Ion Ratio Lower Upper

93 100

66 41.6 34.2 51.4

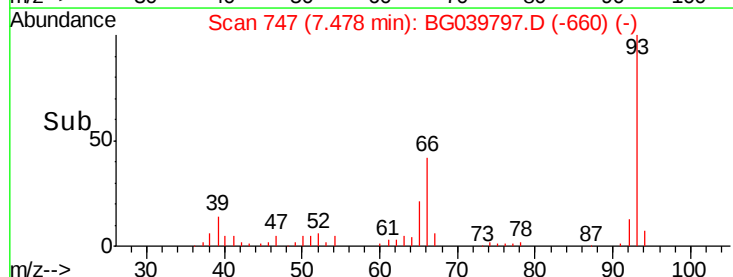
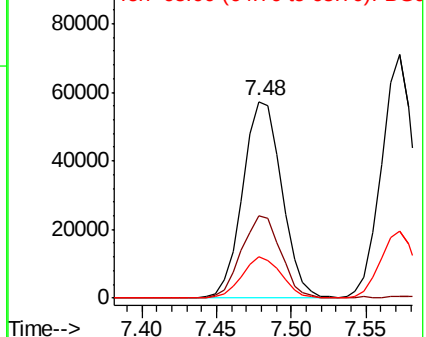
65 21.0 17.7 26.5



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: 130.630 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

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PB117669BS

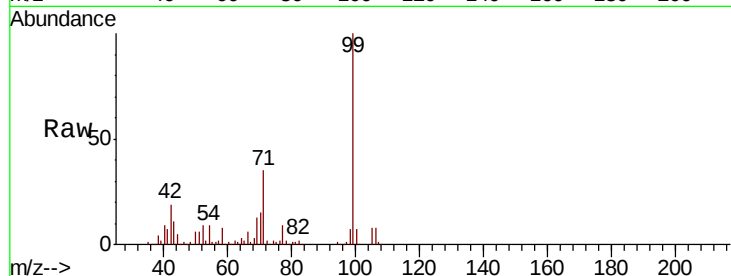
Tgt Ion: 99 Resp: 491539

Ion Ratio Lower Upper

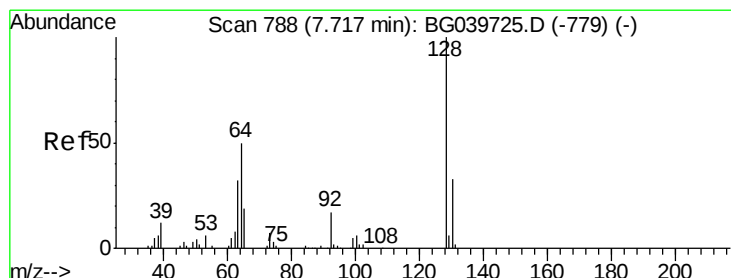
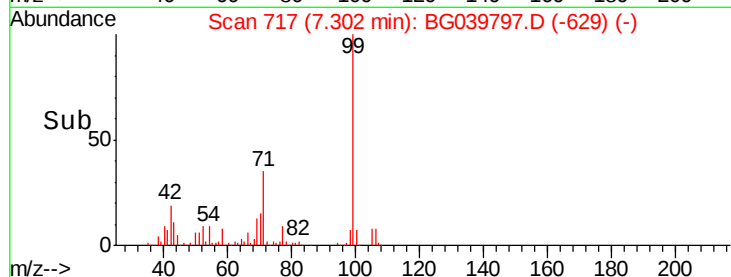
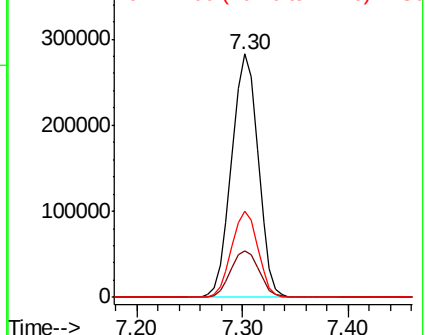
99 100

42 19.2 18.2 27.2

71 35.5 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: 38.960 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

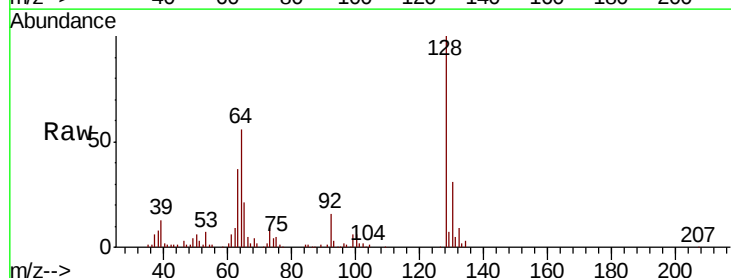
Tgt Ion: 128 Resp: 119280

Ion Ratio Lower Upper

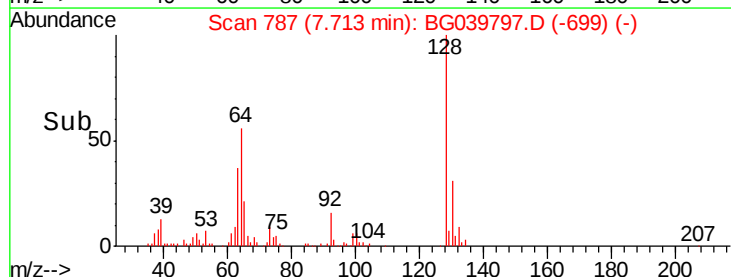
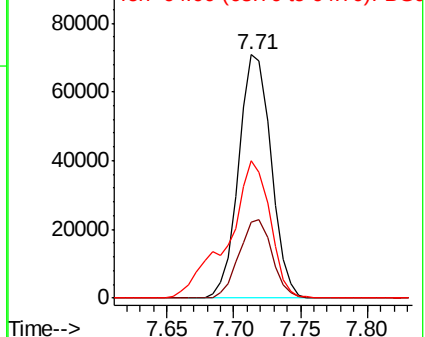
128 100

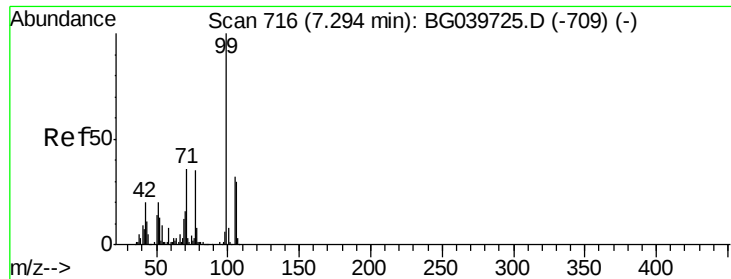
130 31.4 12.9 52.9

64 56.3 38.7 78.7



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





#9

Benzaldehyde

Concen: 22.539 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

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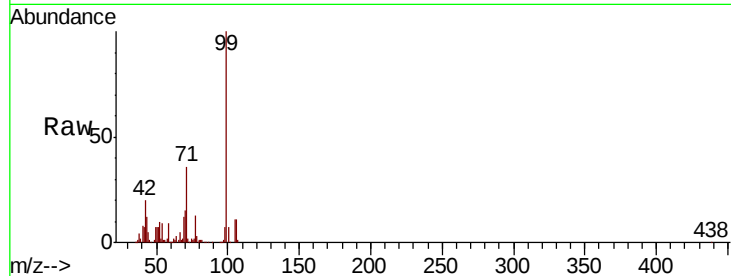
Tgt Ion: 77 Resp: 54709

Ion Ratio Lower Upper

77 100

105 87.6 74.5 114.5

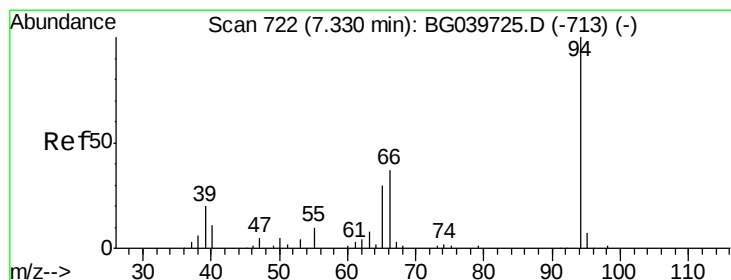
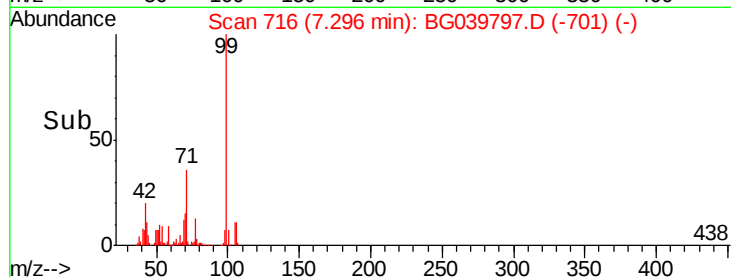
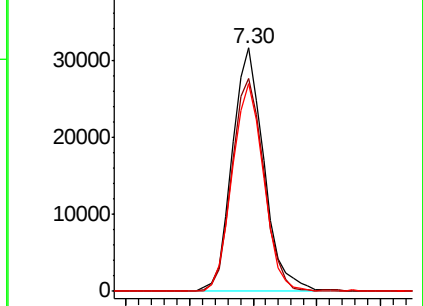
106 85.1 68.0 108.0



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: 40.232 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

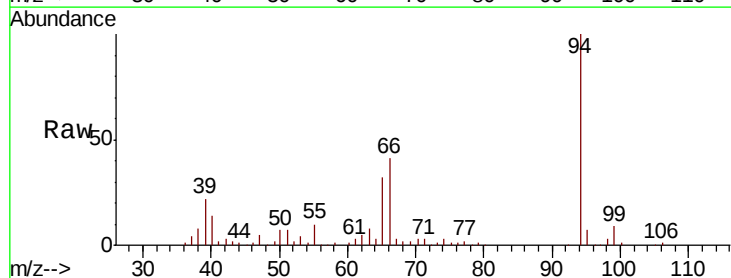
Tgt Ion: 94 Resp: 164001

Ion Ratio Lower Upper

94 100

65 32.4 11.7 51.7

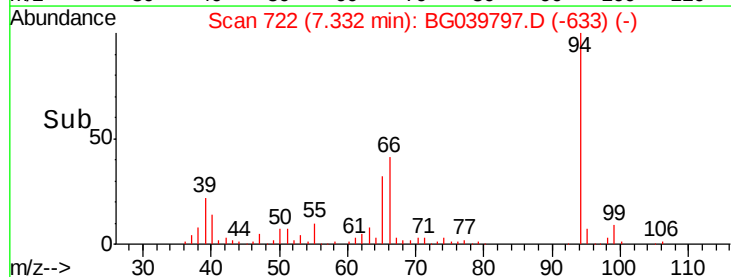
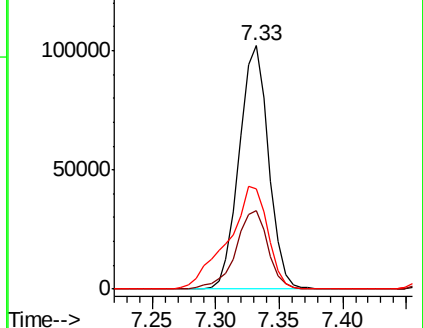
66 40.9 23.7 63.7

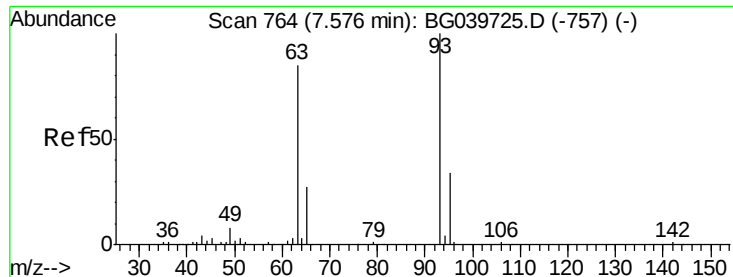


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

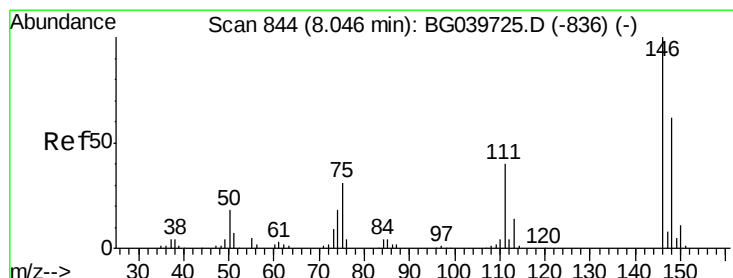
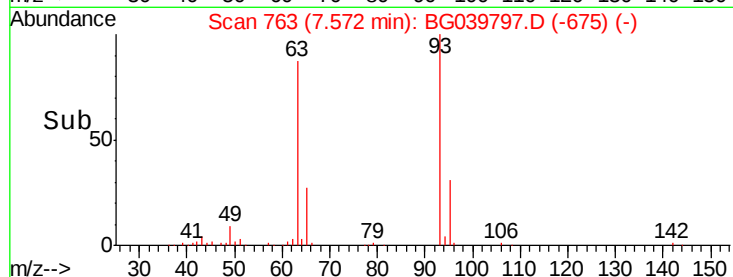
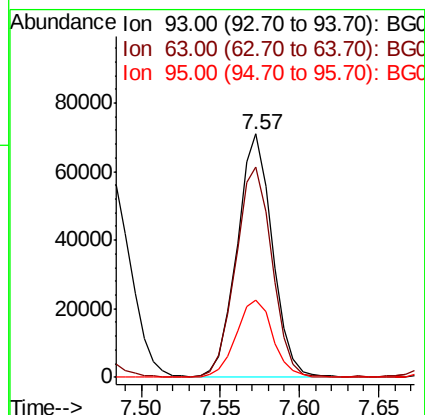
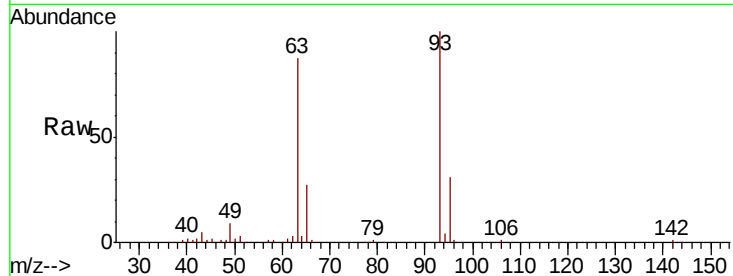




#11
 bis(2-Chloroethyl)ether
 Concen: 34.421 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

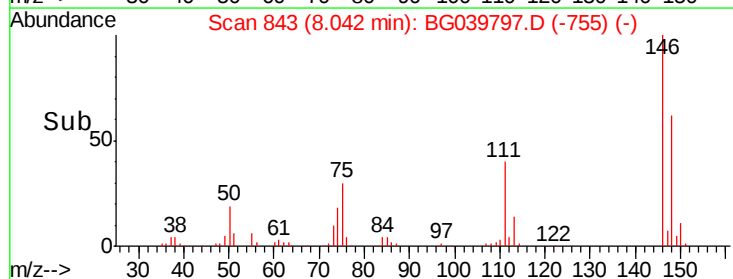
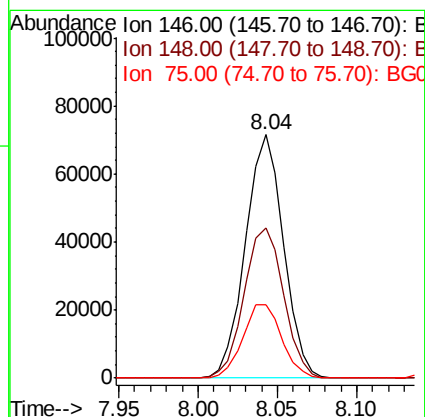
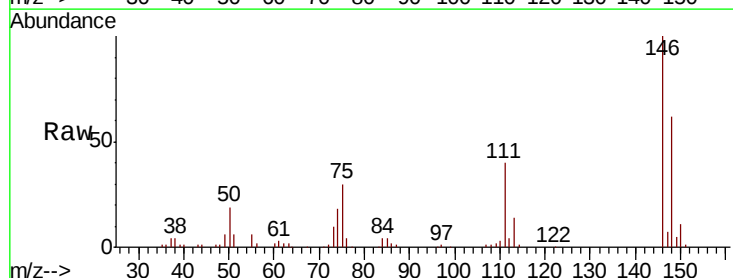
Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

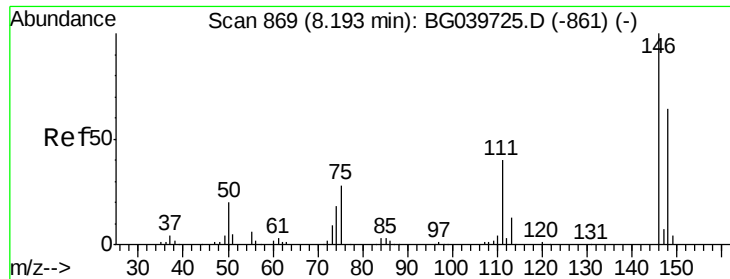
Tgt Ion: 93 Resp: 109398
 Ion Ratio Lower Upper
 93 100
 63 86.6 69.5 109.5
 95 31.5 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 34.577 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion: 146 Resp: 119728
 Ion Ratio Lower Upper
 146 100
 148 61.7 52.6 79.0
 75 30.2 25.8 38.6

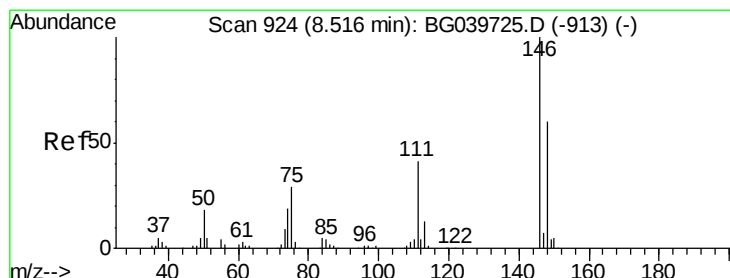
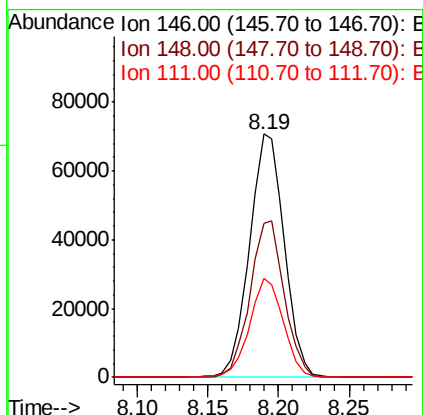
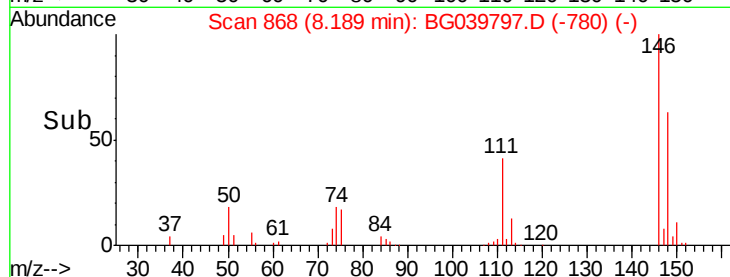
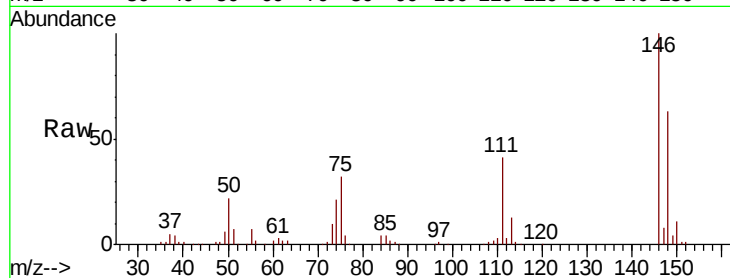




#13
 1,4-Dichlorobenzene
 Concen: 34.633 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

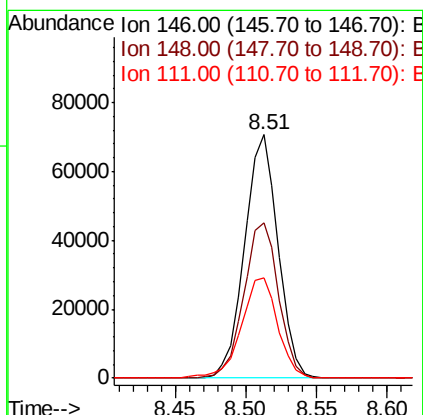
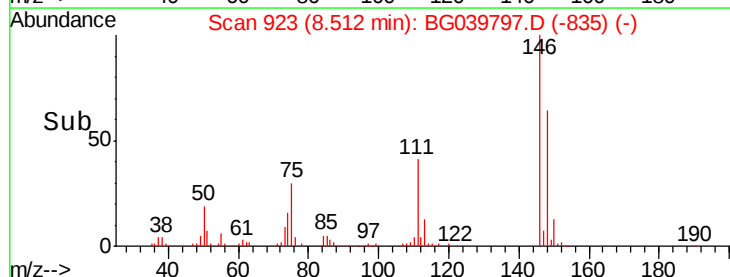
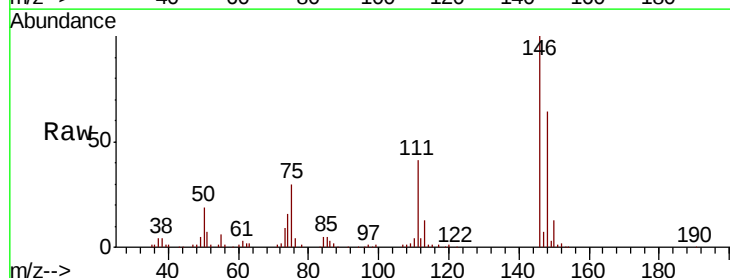
Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

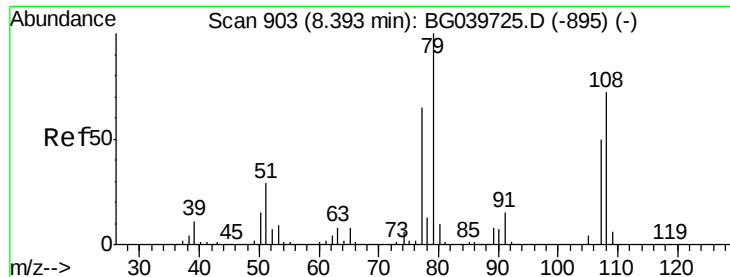
Tgt Ion:146 Resp: 122151
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.1 76.7
 111 40.8 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 34.430 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion:146 Resp: 117328
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 41.0 33.8 50.6





#15

Benzyl Alcohol

Concen: 39.230 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

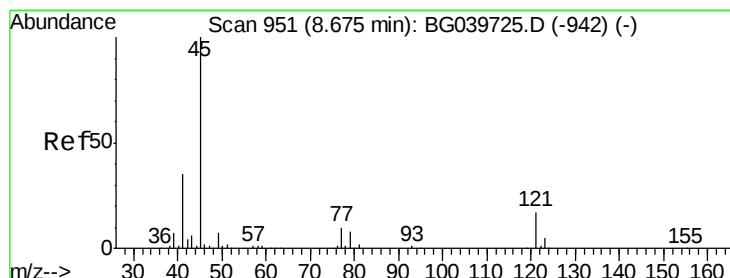
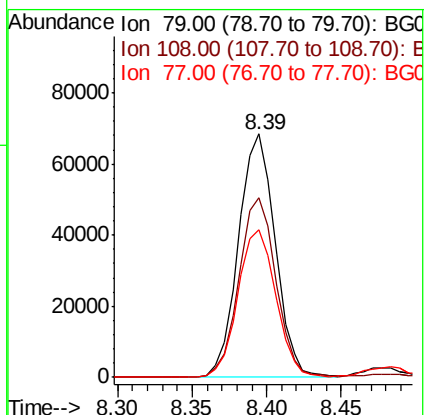
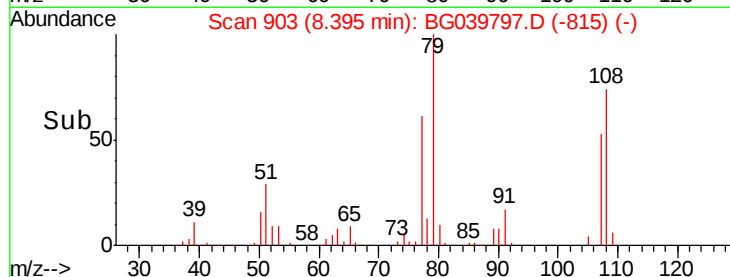
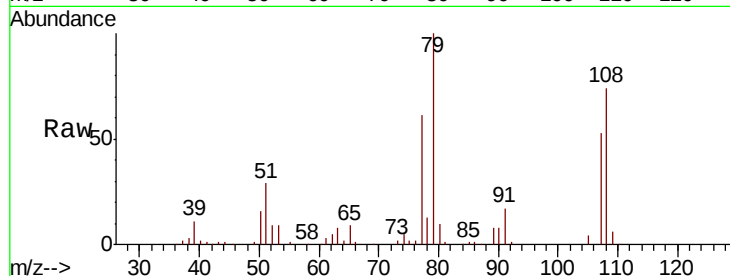
Tgt Ion: 79 Resp: 117097

Ion Ratio Lower Upper

79 100

108 73.8 57.8 86.6

77 60.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.729 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

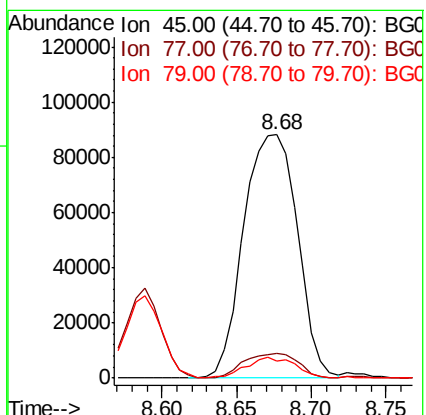
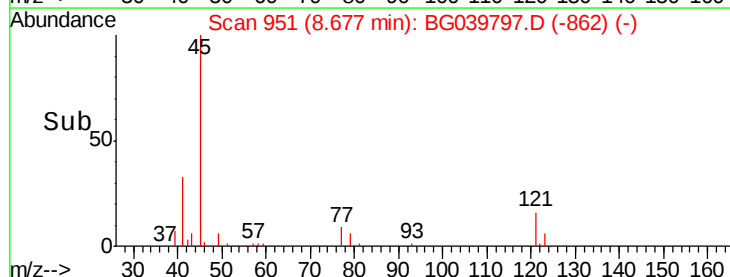
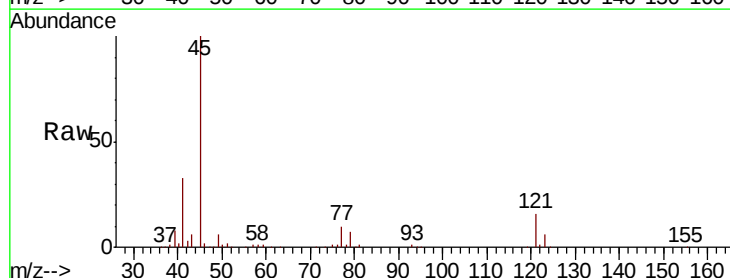
Tgt Ion: 45 Resp: 220755

Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.0

79 7.1 0.0 27.5

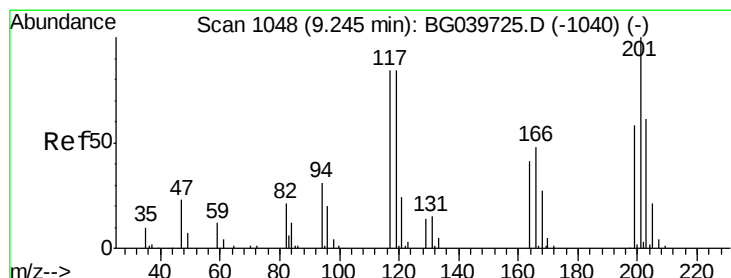
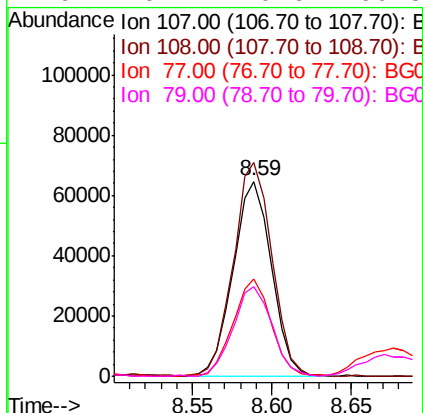
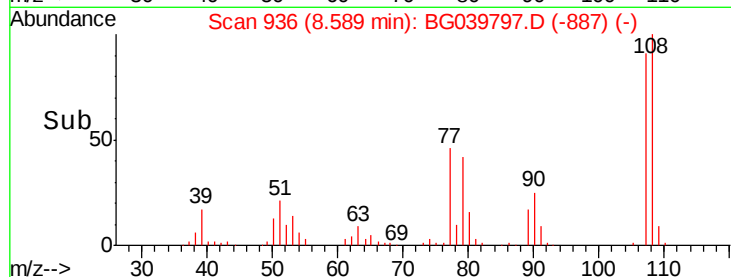
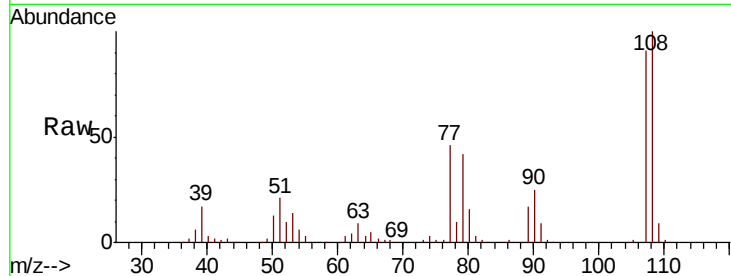




#17
2-Methylphenol
Concen: 41.689 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

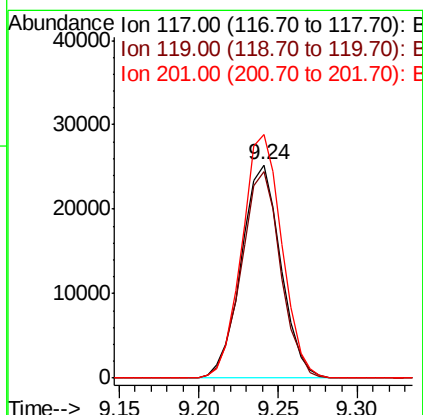
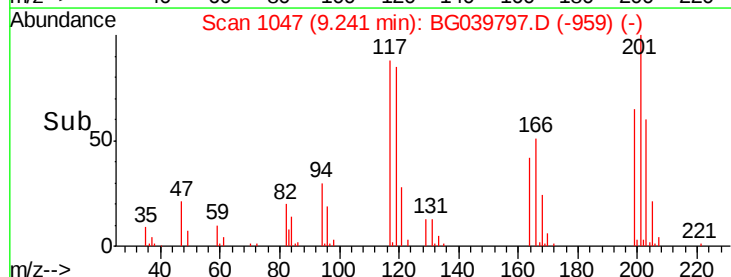
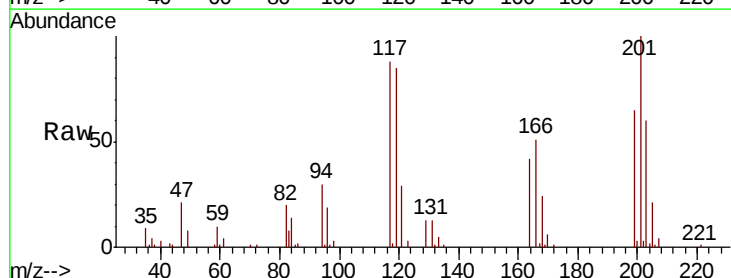
Instrument :
BNA_G
ClientSampleId :
PB117669BS

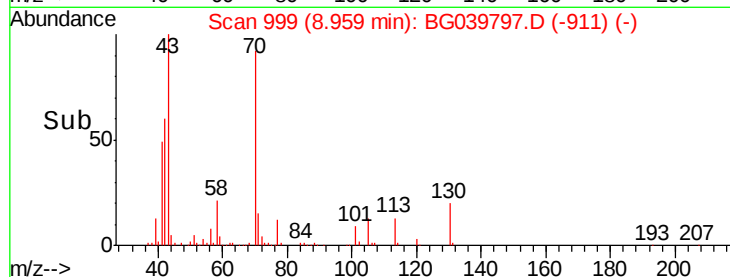
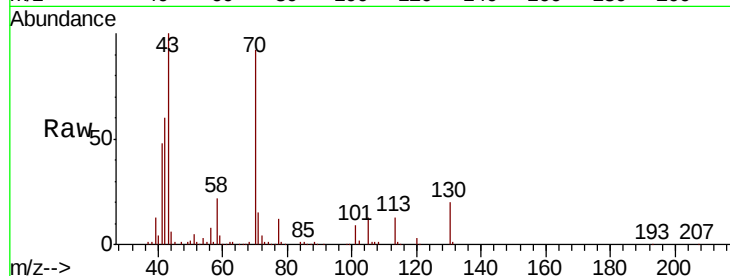
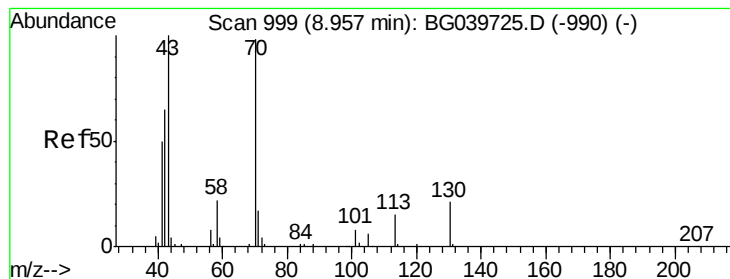
Tgt Ion:	107	Resp:	108361
Ion	Ratio	Lower	Upper
107	100		
108	109.7	90.8	136.2
77	50.2	40.7	61.1
79	46.2	40.6	60.8



#18
Hexachloroethane
Concen: 34.513 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:	117	Resp:	43677
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.3	114.5
201	114.2	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 35.948 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

Tgt Ion: 70 Resp: 97361

Ion Ratio Lower Upper

70 100

42 65.2 60.4 90.6

101 10.2 7.5 11.3

130 21.5 16.9 25.3

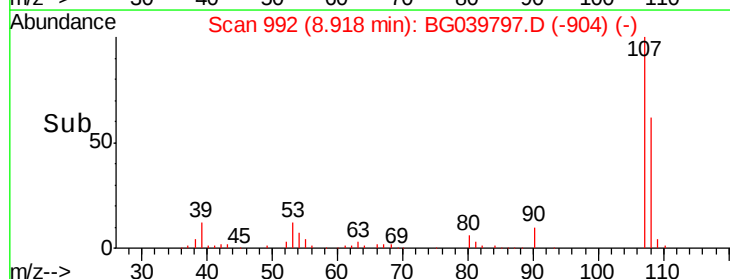
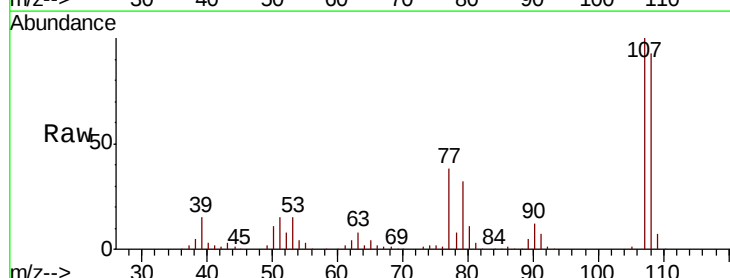
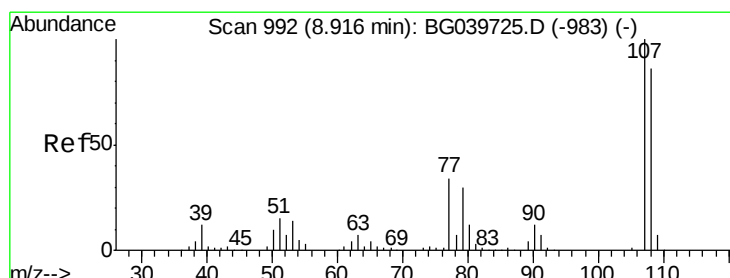
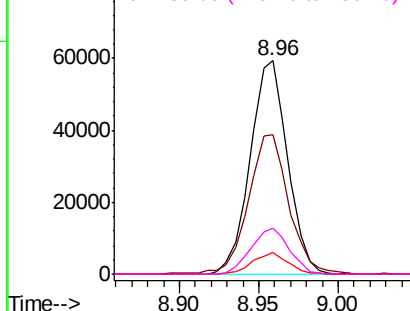
Abundance

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: 41.682 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion: 107 Resp: 150512

Ion Ratio Lower Upper

107 100

108 93.2 67.9 107.9

77 38.2 15.4 55.4

79 31.8 13.7 53.7

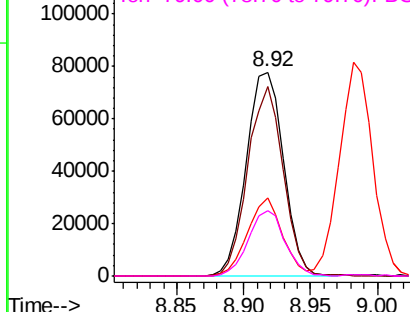
Abundance

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

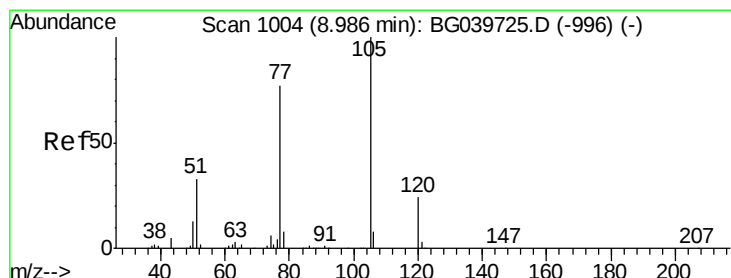
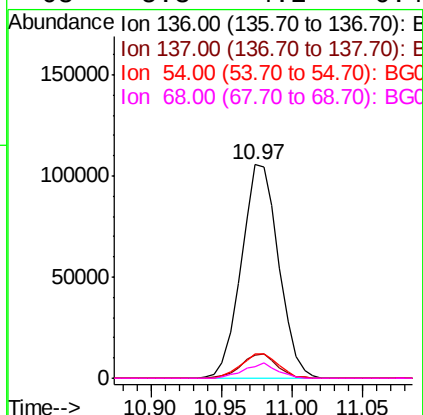
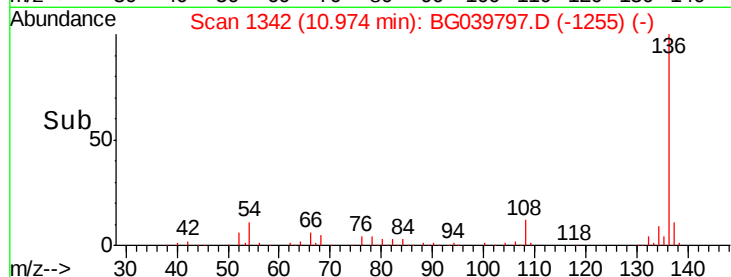
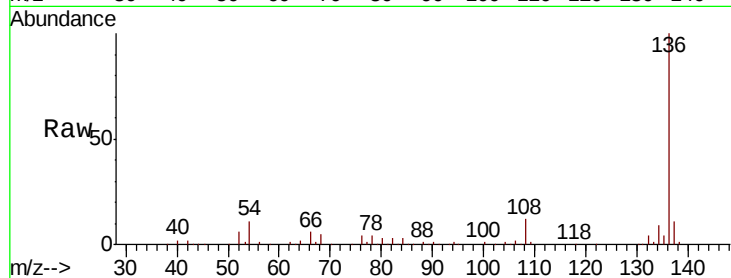




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

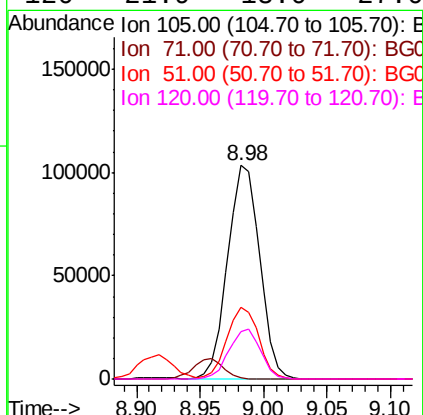
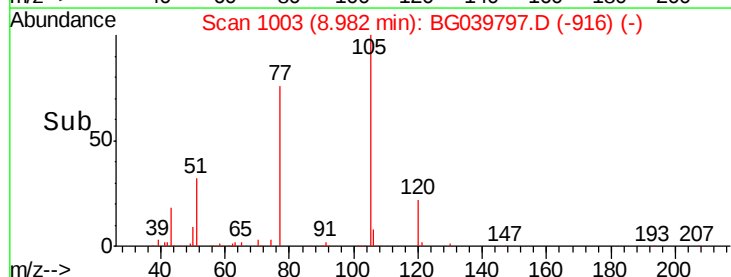
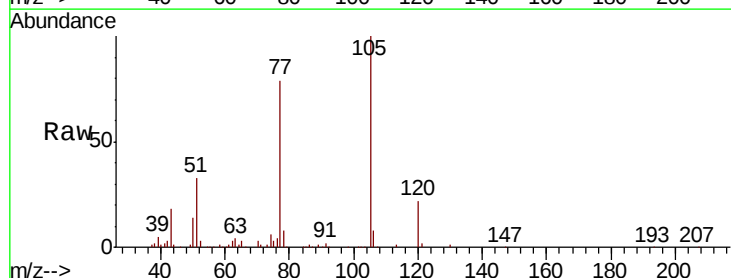
Instrument :
BNA_G
ClientSampleId :
PB117669BS

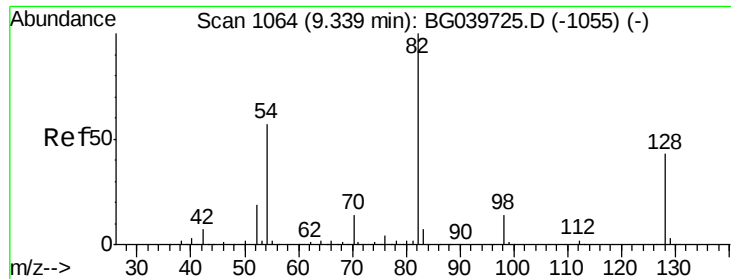
Tgt Ion:	136	Resp:	194565
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.3	9.4	14.2
68	5.3	4.2	6.4



#22
Acetophenone
Concen: 34.695 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:	105	Resp:	181177
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	33.3	30.2	45.2
120	21.9	18.0	27.0

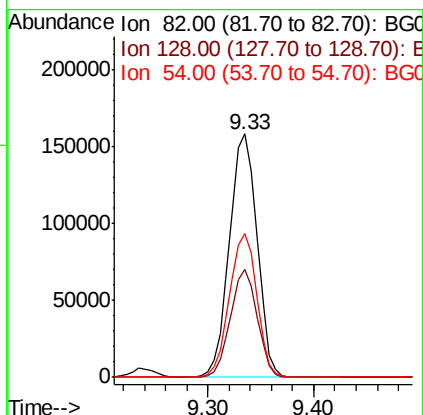
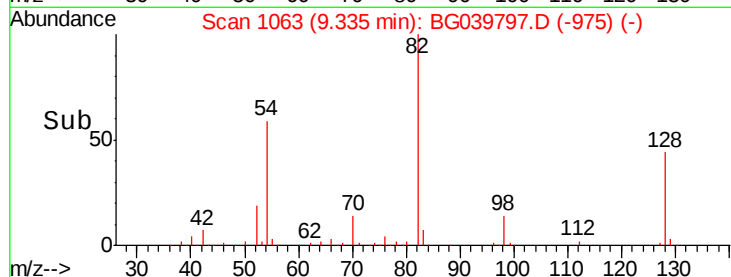
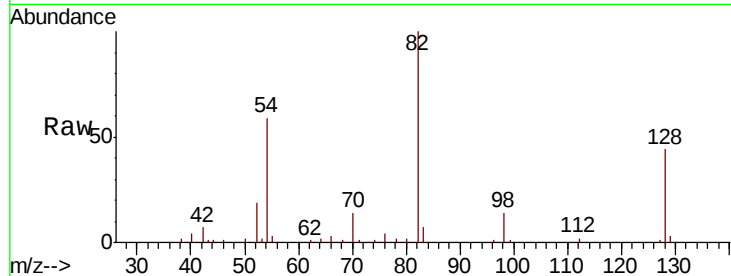




#23
Nitrobenzene-d5
Concen: 79.187 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

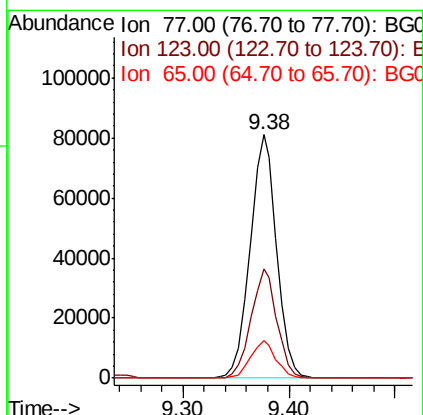
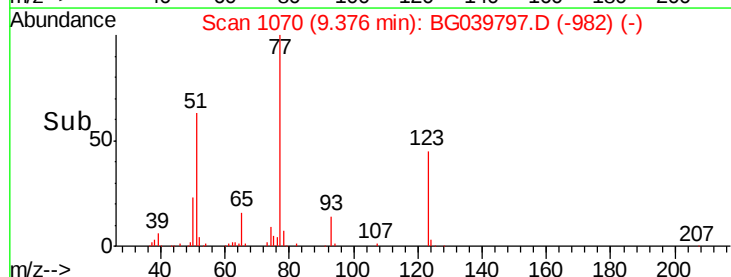
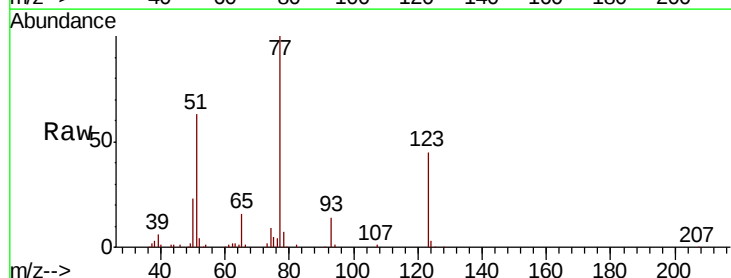
Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion: 82 Resp: 284873
Ion Ratio Lower Upper
82 100
128 44.2 31.3 46.9
54 59.1 50.9 76.3



#24
Nitrobenzene
Concen: 37.381 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion: 77 Resp: 141076
Ion Ratio Lower Upper
77 100
123 44.9 34.1 51.1
65 15.6 12.3 18.5

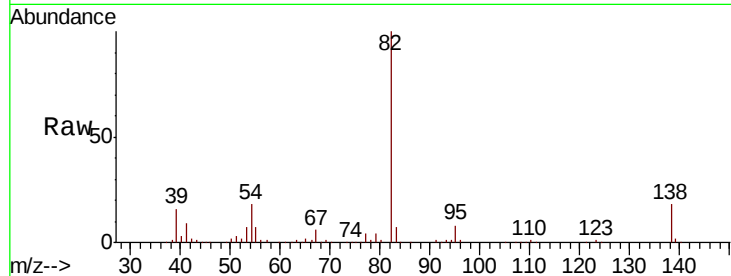




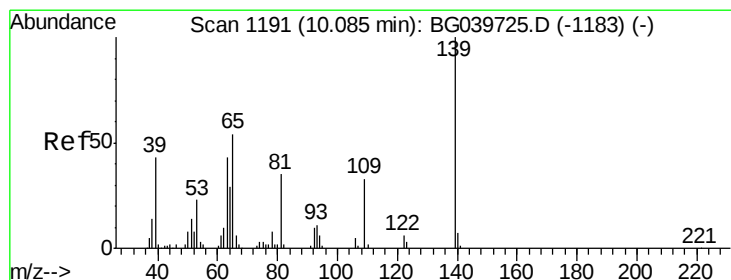
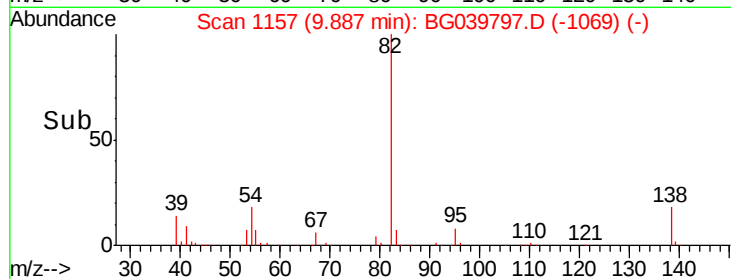
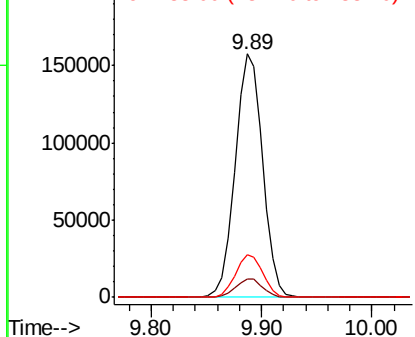
#25
Isophorone
Concen: 36.356 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion: 82 Resp: 274044
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 17.6 13.0 19.4

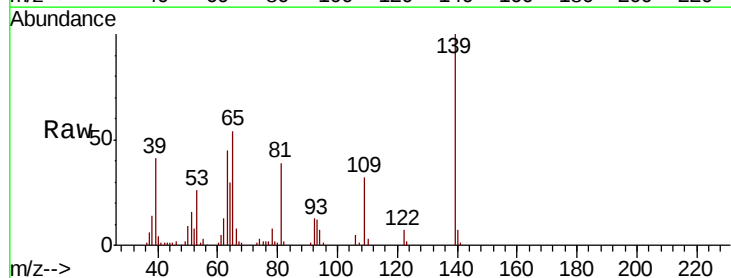


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

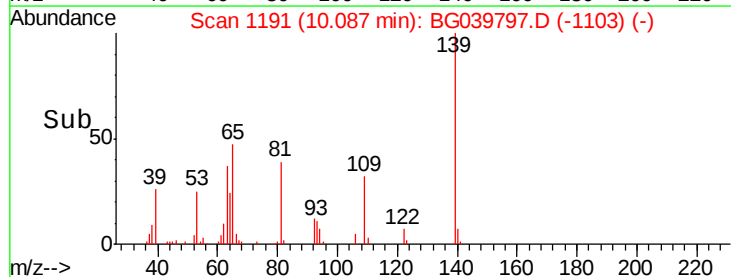
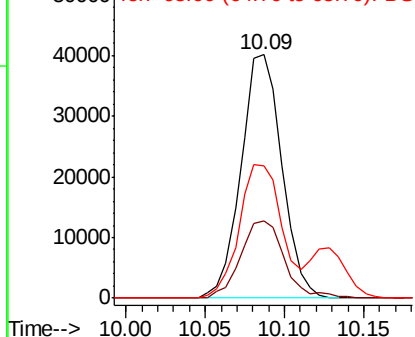


#26
2-Nitrophenol
Concen: 39.390 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion: 139 Resp: 71774
Ion Ratio Lower Upper
139 100
109 31.8 23.4 35.0
65 54.2 44.3 66.5



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

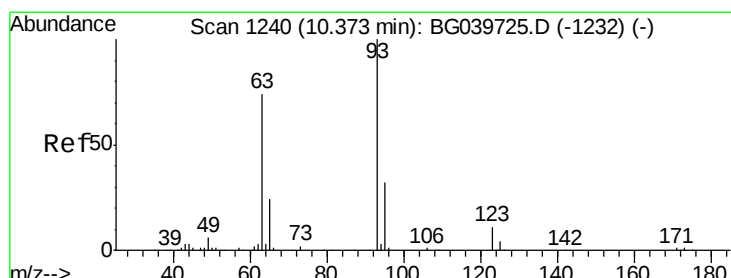
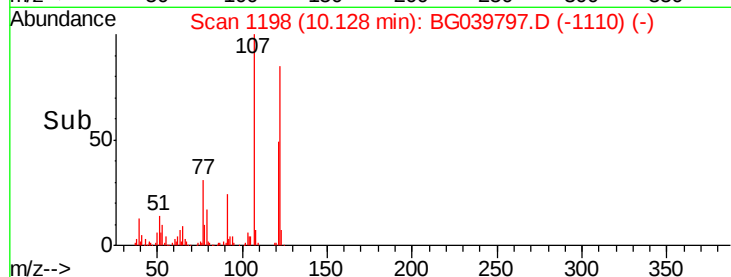
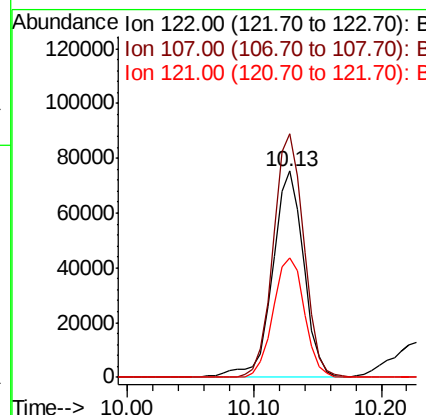
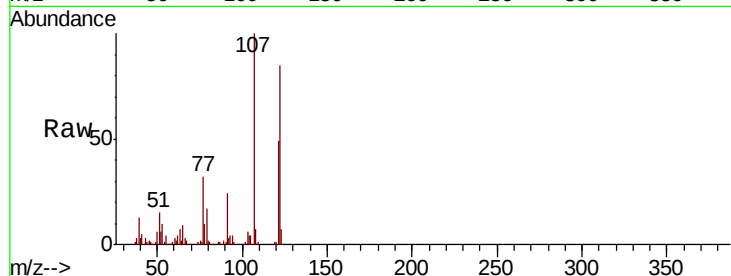




#27
 2,4-Dimethylphenol
 Concen: 45.357 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

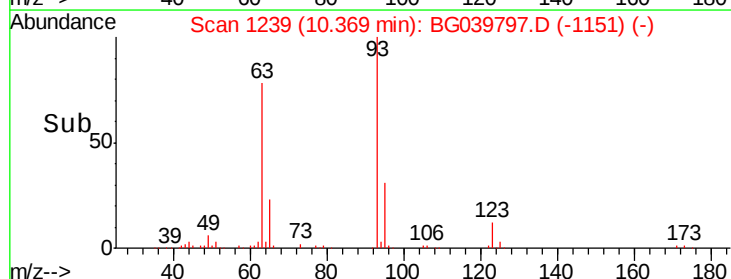
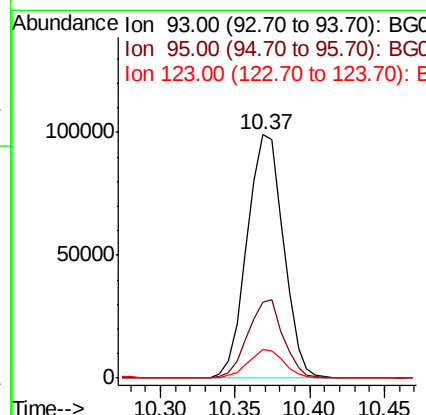
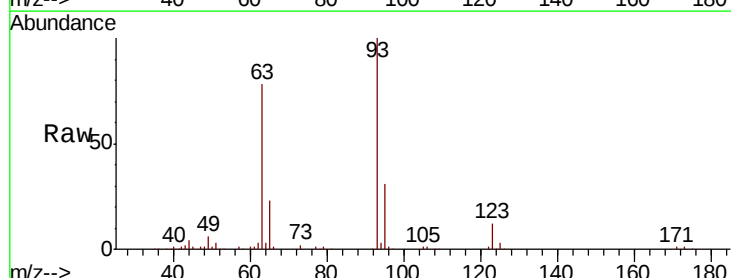
Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.0	91.7	137.5
121	58.2	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.589 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.0	37.4
123	11.7	8.6	12.8

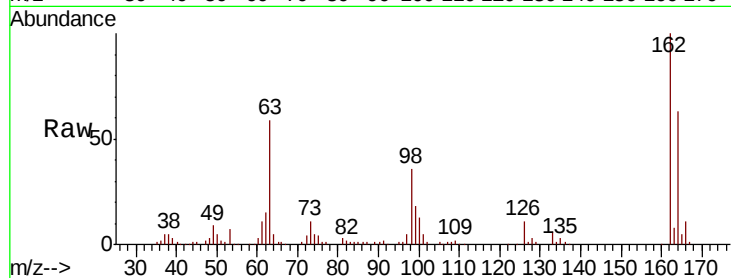




#29
2,4-Dichlorophenol
Concen: 43.283 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.1	88.1
98	35.6	18.1	58.1

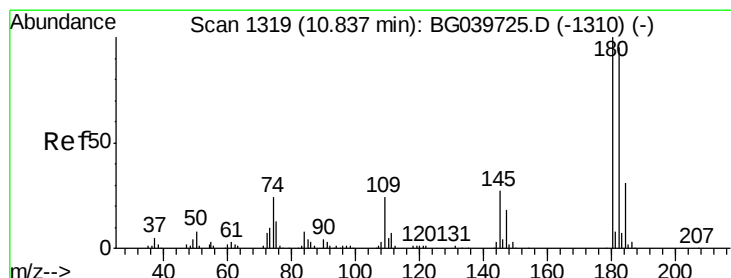
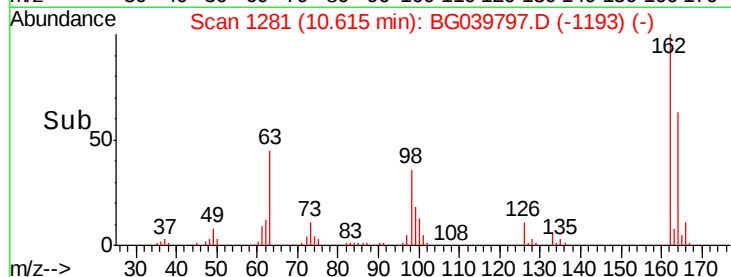
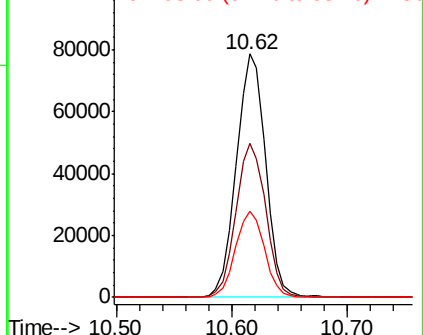


Abundance

Ion 162.00 (161.70 to 162.70): E

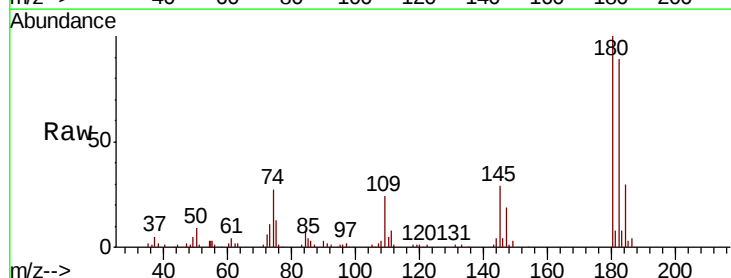
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 36.085 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.5	76.0	114.0
145	28.7	22.7	34.1

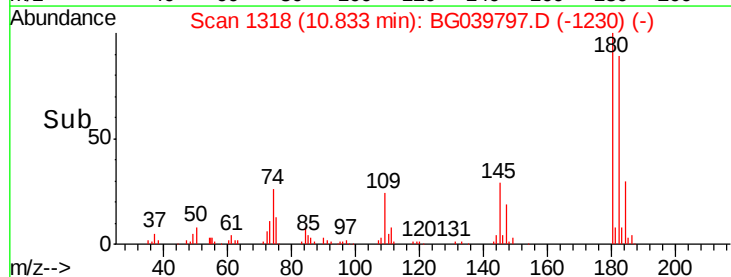
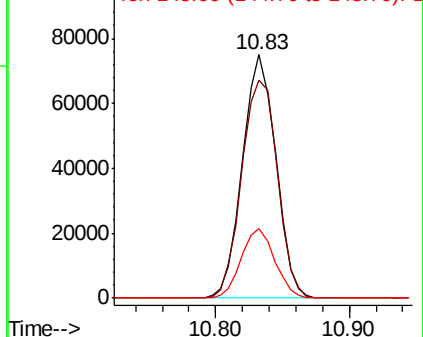


Abundance

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

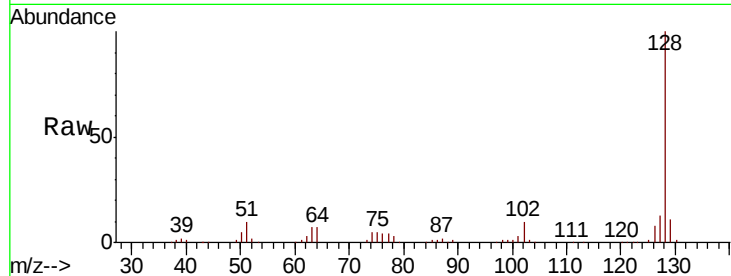




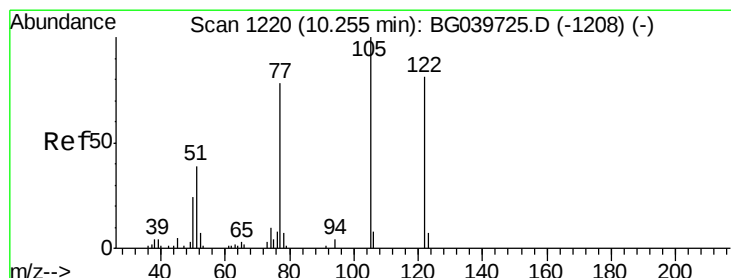
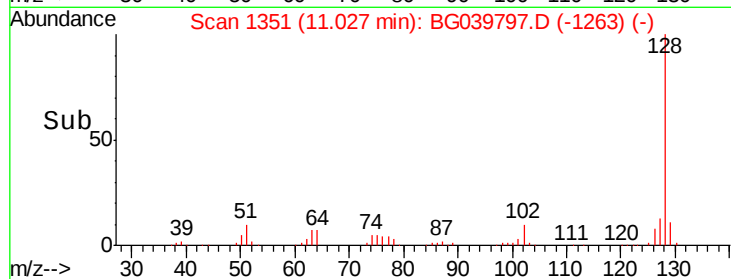
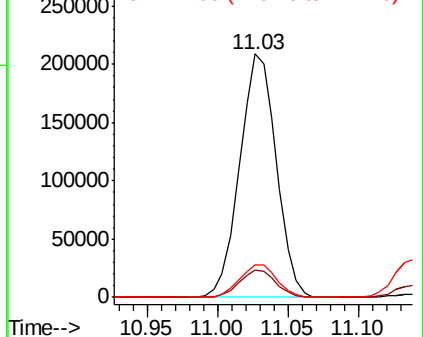
#31
Naphthalene
Concen: 36.748 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampled :
PB117669BS

Tgt Ion:128 Resp: 378560
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.8 16.2

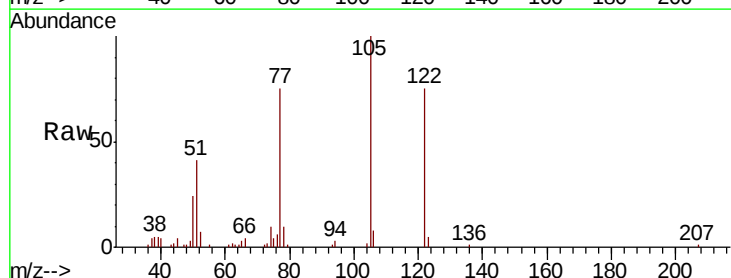


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

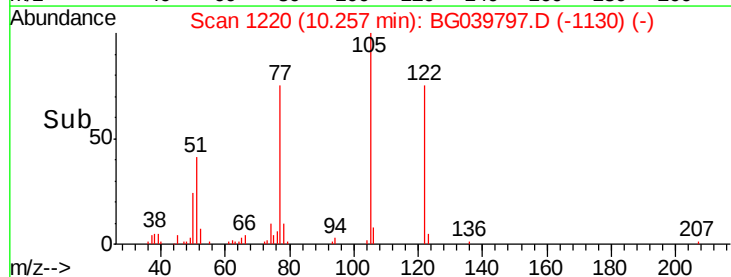
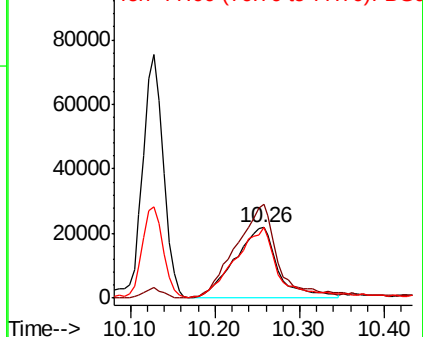


#32
Benzoic acid
Concen: 40.213 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:122 Resp: 75833
Ion Ratio Lower Upper
122 100
105 133.4 101.8 141.8
77 100.4 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

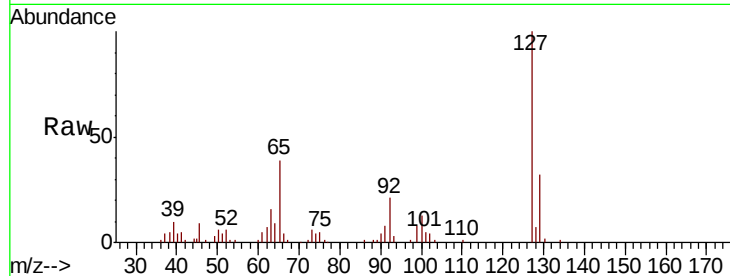




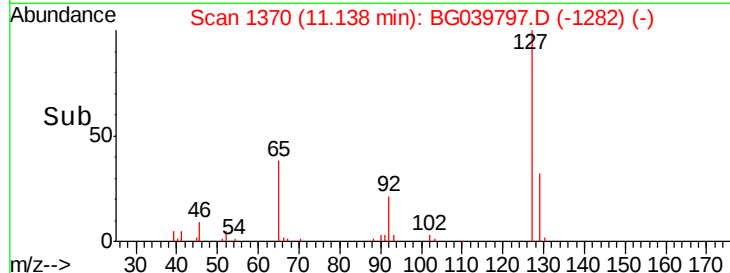
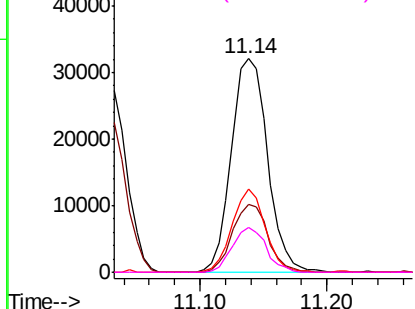
#33
4-Chloroaniline
Concen: 14.510 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion:	127	Resp:	63384
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.4
65	38.8	28.8	43.2
92	20.9	16.6	25.0

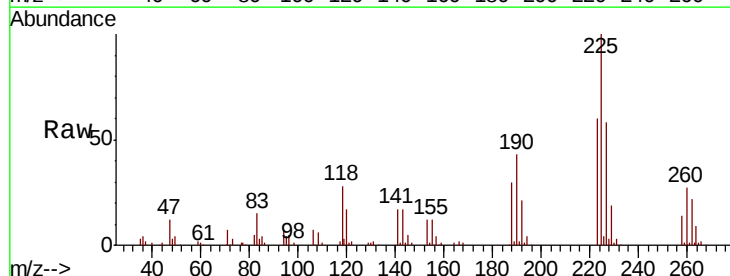


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

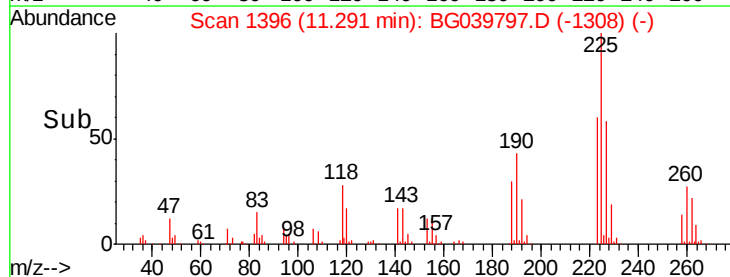
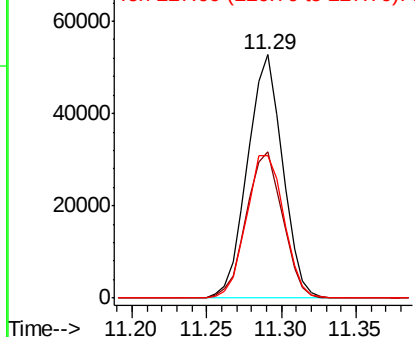


#34
Hexachlorobutadiene
Concen: 34.954 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:	225	Resp:	85758
Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.0	73.6
227	58.4	46.3	69.5



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

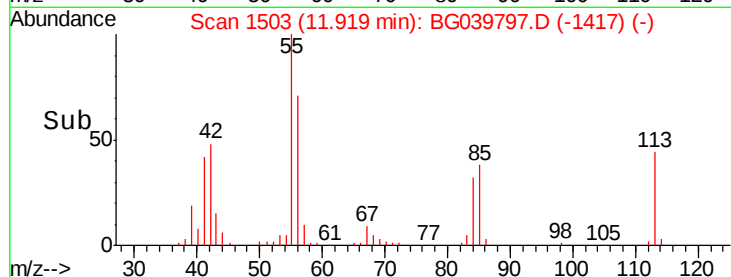
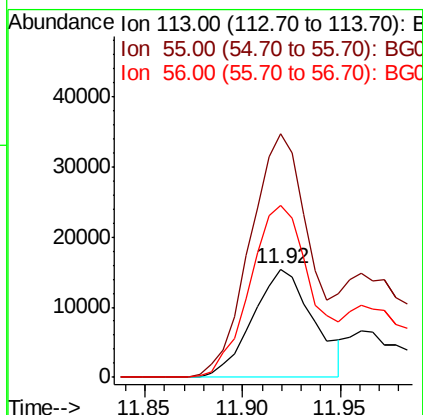
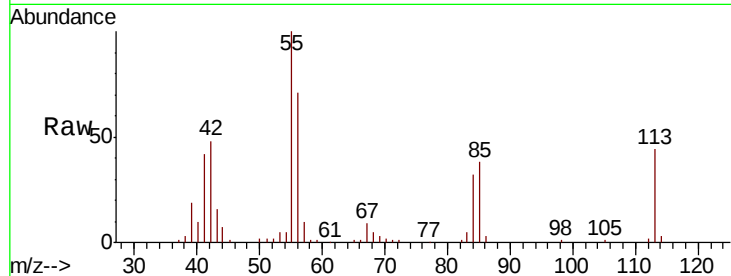




#35
 Caprolactam
 Concen: 27.219 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

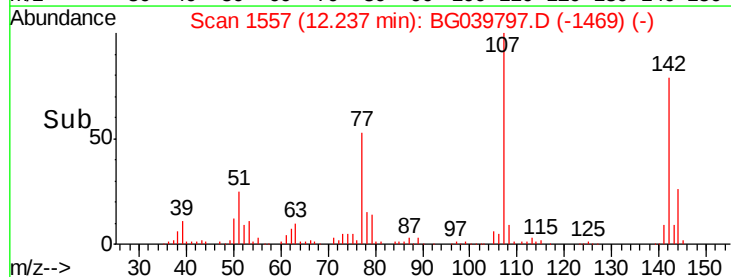
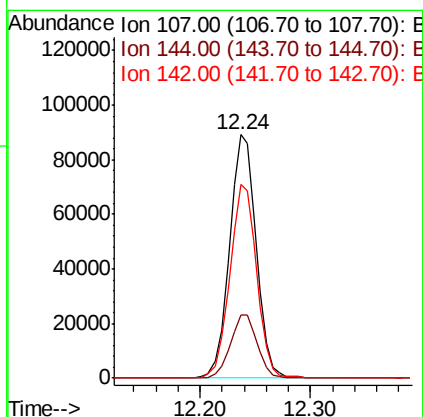
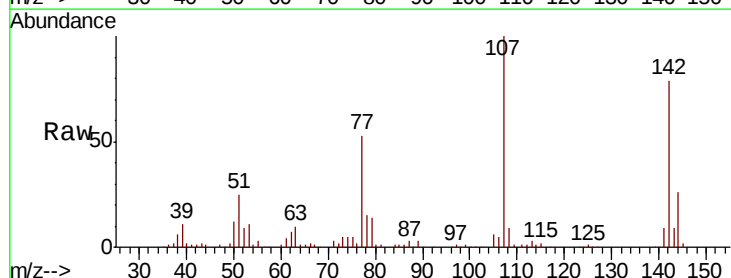
Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

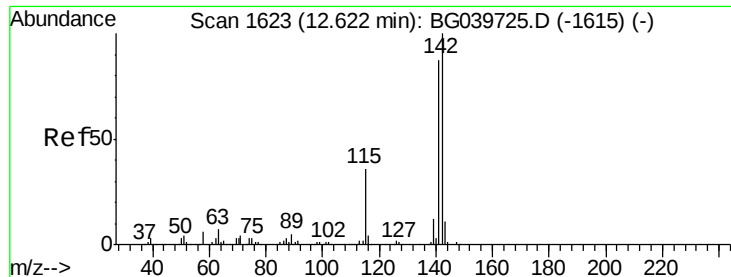
Tgt Ion:113 Resp: 33175
 Ion Ratio Lower Upper
 113 100
 55 225.1 216.9 256.9
 56 158.9 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.149 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion:107 Resp: 150506
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 79.4 61.4 92.2

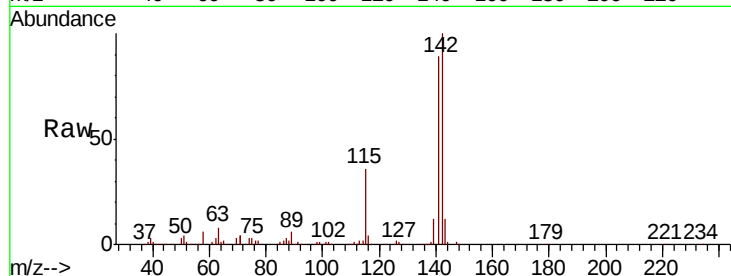




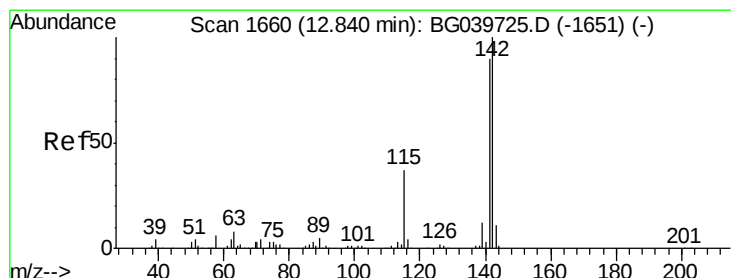
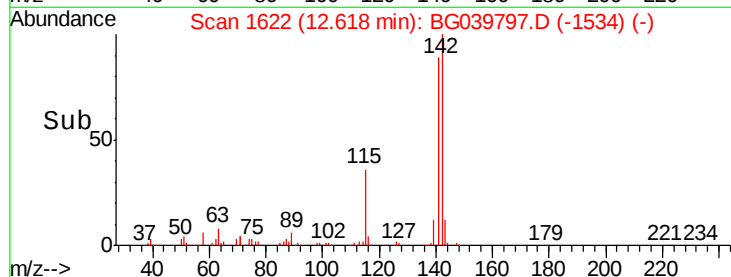
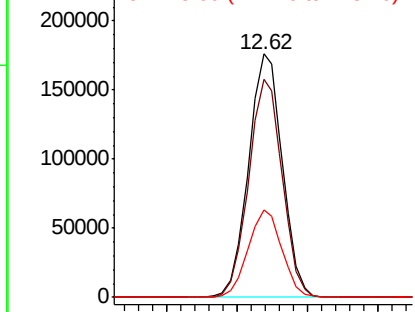
#37
 2-Methylnaphthalene
 Concen: 38.334 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.5	110.3
115	35.7	30.8	46.2

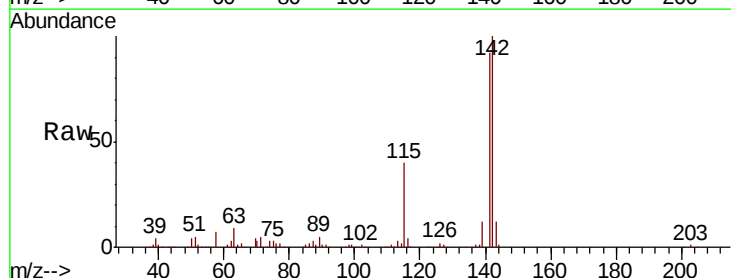


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

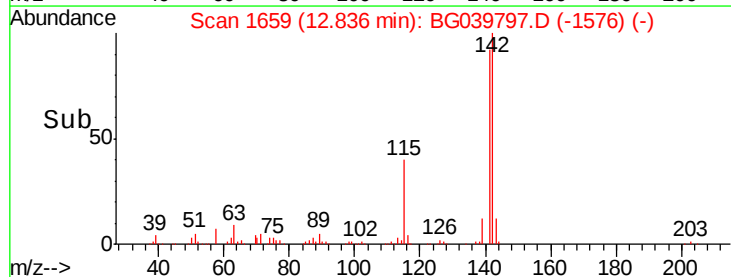
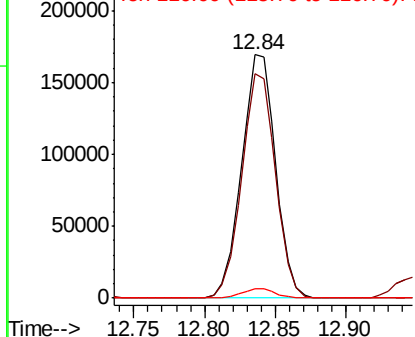


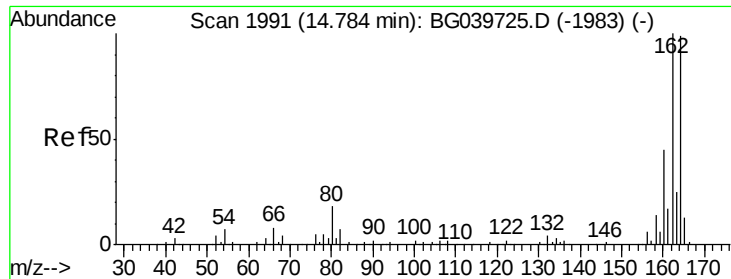
#38
 1-Methylnaphthalene
 Concen: 37.958 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.9	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

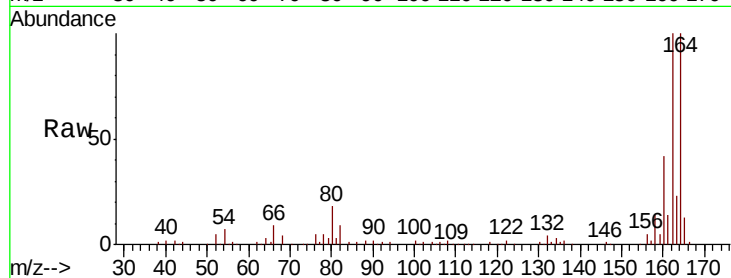
Tgt Ion:164 Resp: 137732

Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

160 42.6 34.2 51.2

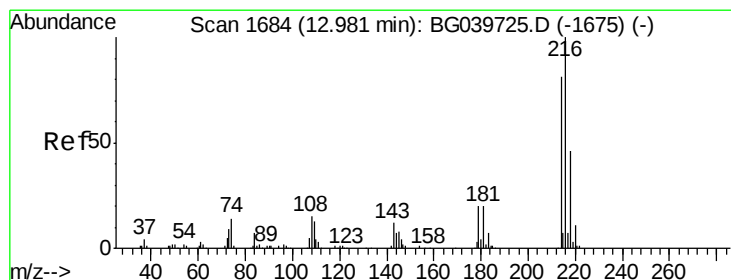
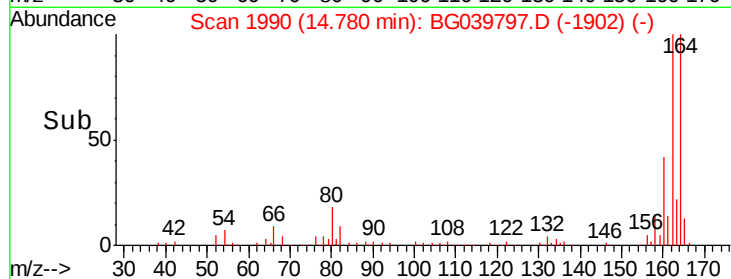
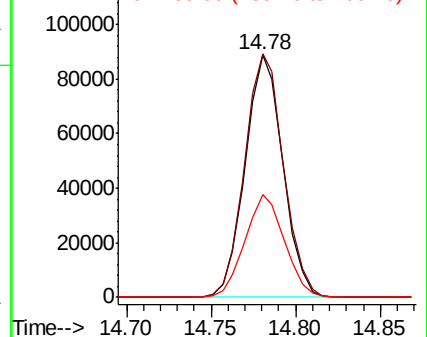


Abundance

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: 34.615 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:216 Resp: 161516

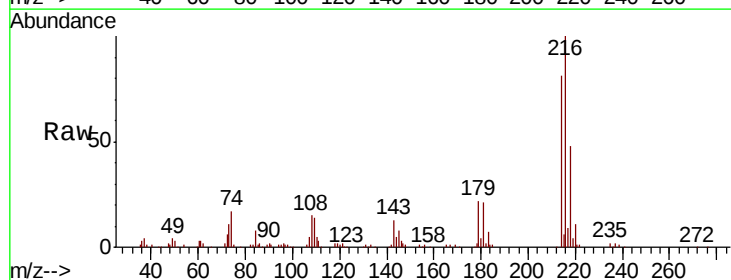
Ion Ratio Lower Upper

216 100

214 80.0 62.6 94.0

179 21.1 16.6 25.0

108 18.2 14.0 21.0



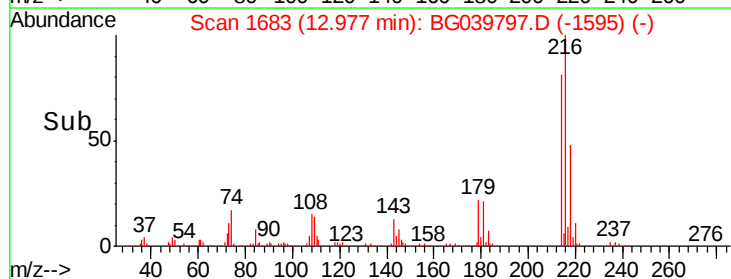
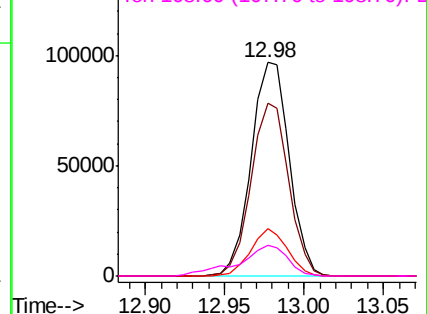
Abundance

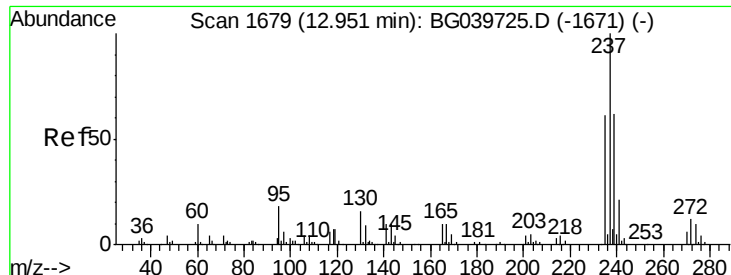
Ion 216.00 (215.70 to 216.70): E

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: 82.709 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

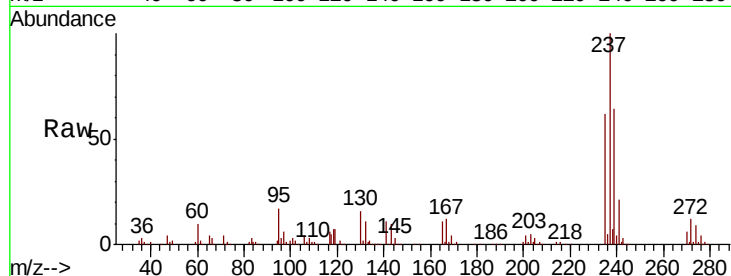
Tgt Ion: 237 Resp: 206818

Ion Ratio Lower Upper

237 100

235 61.9 43.3 83.3

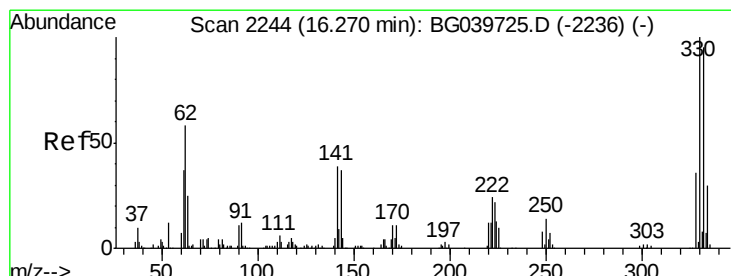
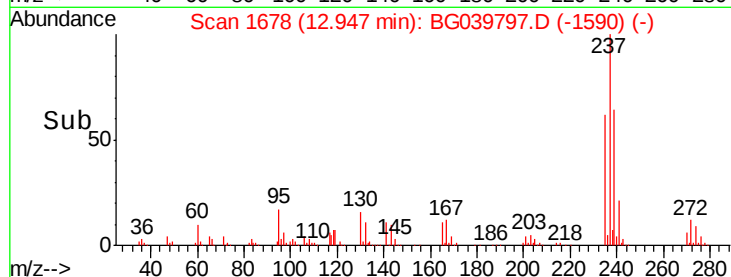
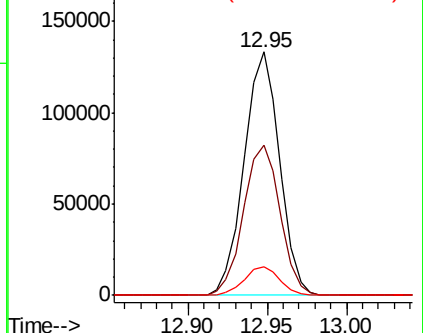
272 11.6 0.0 32.3



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: 125.031 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

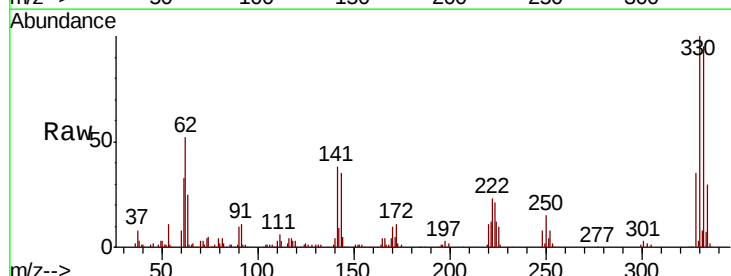
Tgt Ion: 330 Resp: 200721

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

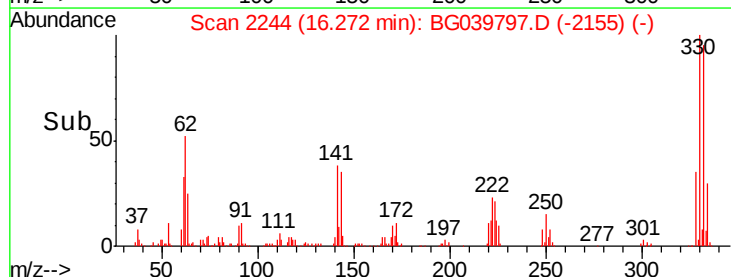
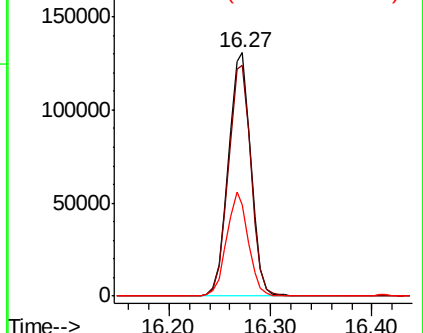
141 41.1 35.6 53.4

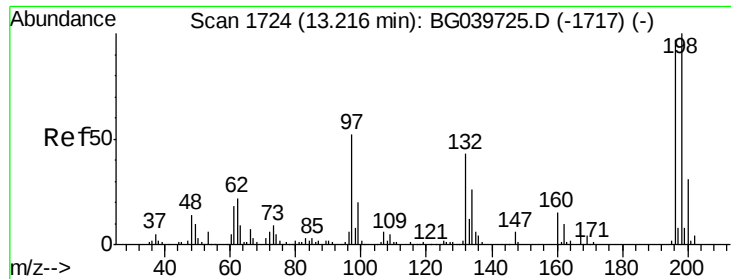


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

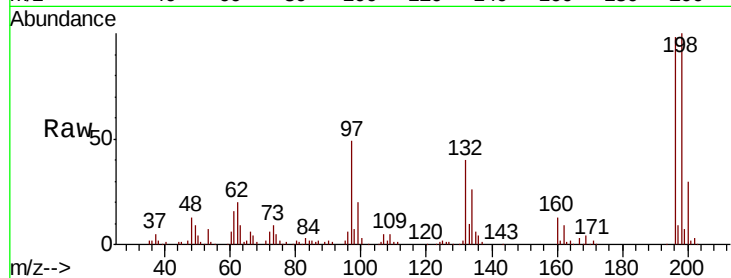




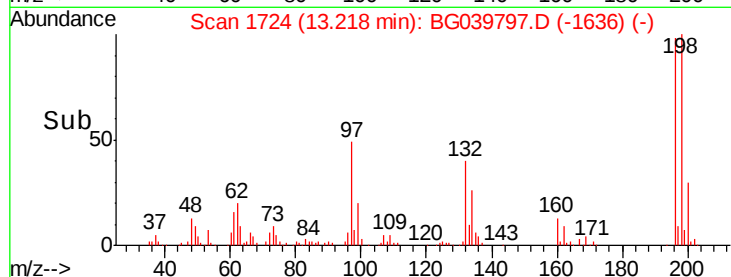
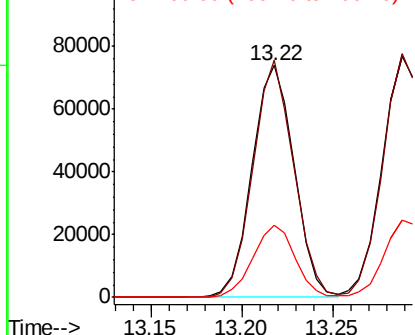
#43
 2,4,6-Trichlorophenol
 Concen: 43.505 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tgt Ion:196 Resp: 118843
 Ion Ratio Lower Upper
 196 100
 198 102.4 80.6 121.0
 200 30.9 26.1 39.1



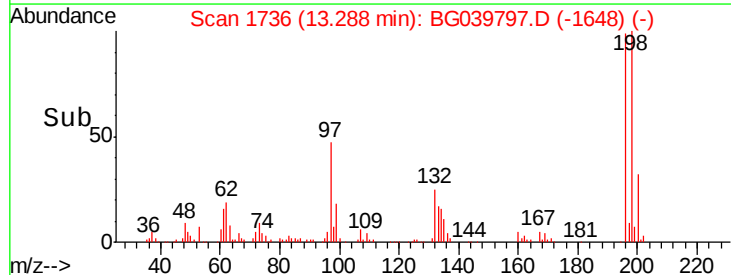
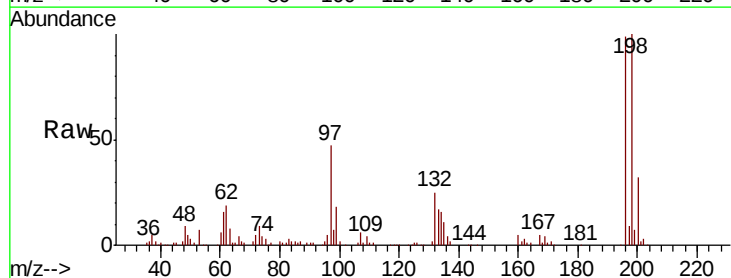
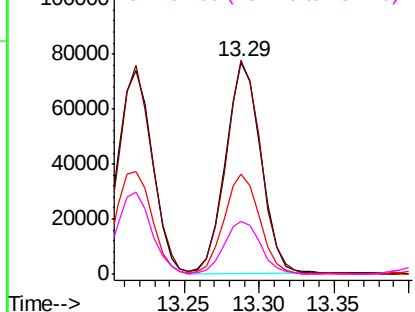
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

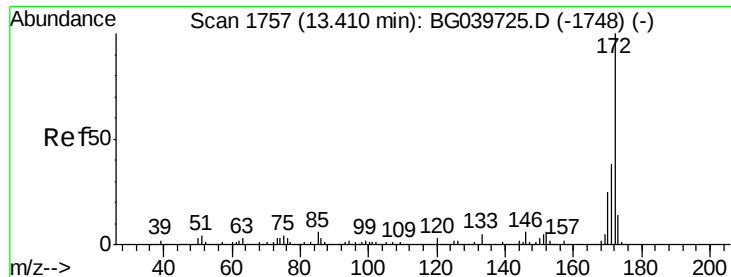


#44
 2,4,5-Trichlorophenol
 Concen: 41.173 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion:196 Resp: 126778
 Ion Ratio Lower Upper
 196 100
 198 101.1 78.5 117.7
 97 47.1 38.4 57.6
 132 24.9 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

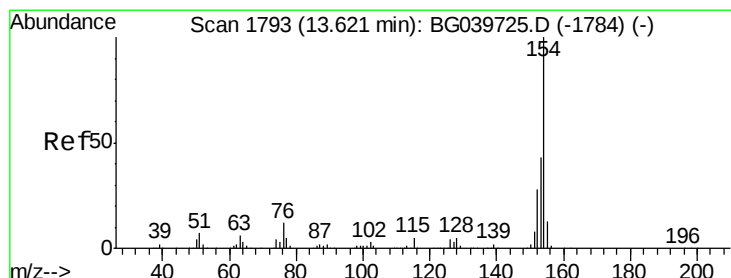
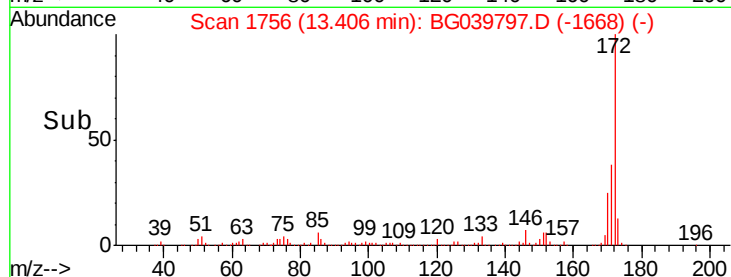
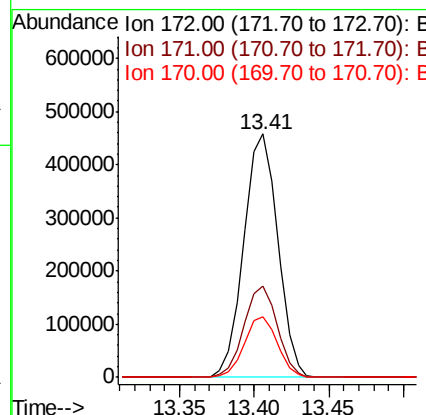
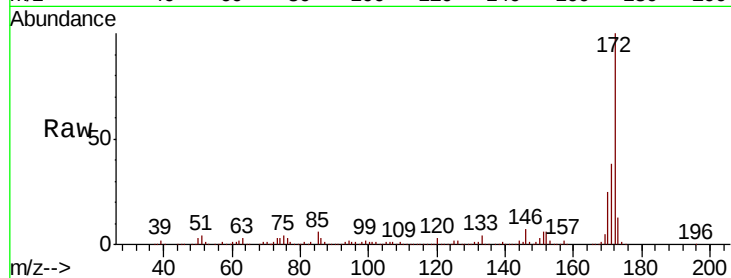




#45
 2-Fluorobiphenyl
 Concen: 74.696 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

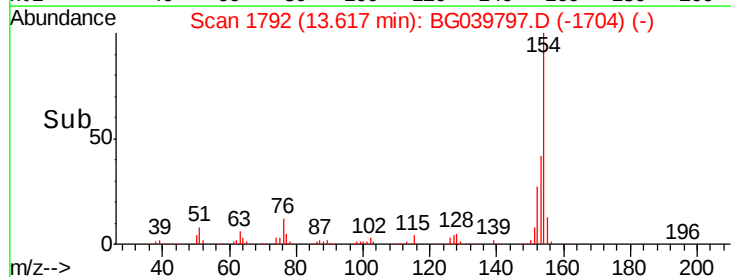
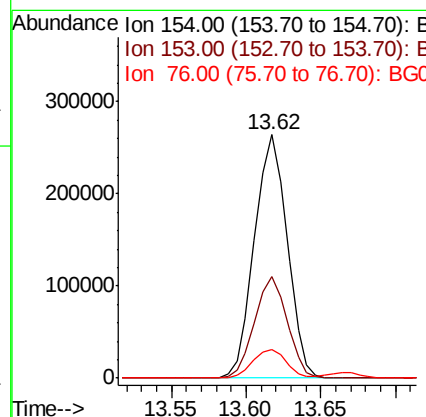
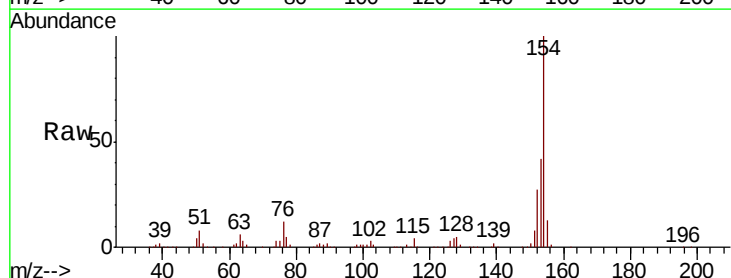
Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

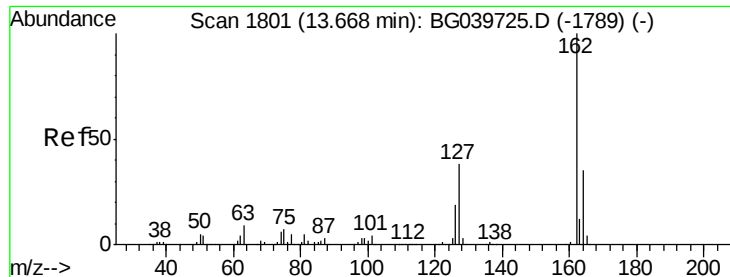
Tgt Ion:172 Resp: 722559
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.0 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 35.361 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion:154 Resp: 400574
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.1 62.1
 76 11.6 0.0 32.4

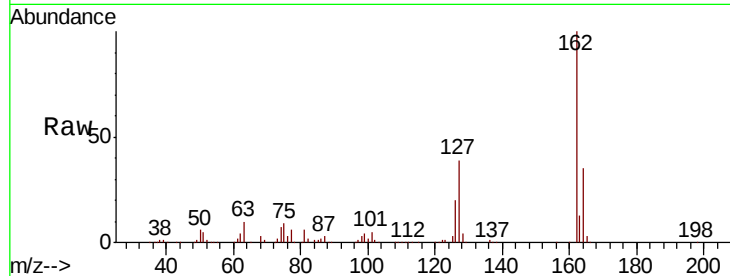




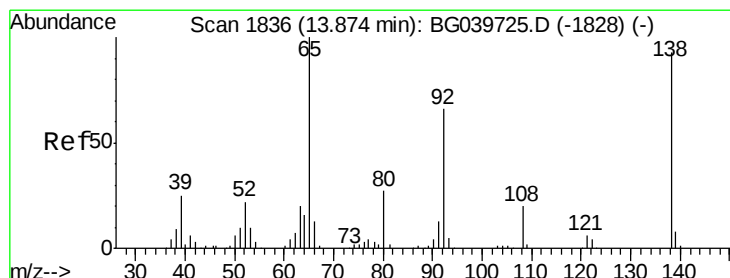
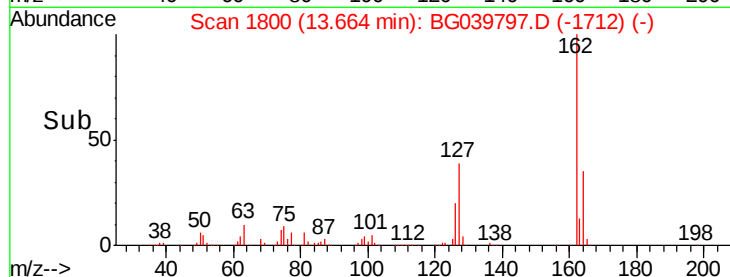
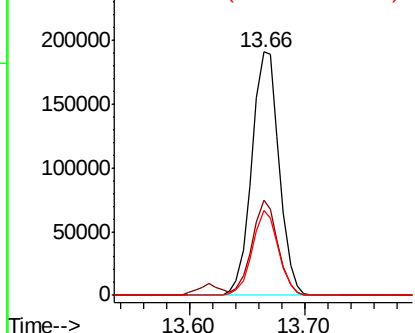
#47
 2-Chloronaphthalene
 Concen: 36.905 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tgt Ion: 162 Resp: 314513
 Ion Ratio Lower Upper
 162 100
 127 39.2 31.0 46.6
 164 34.7 25.7 38.5

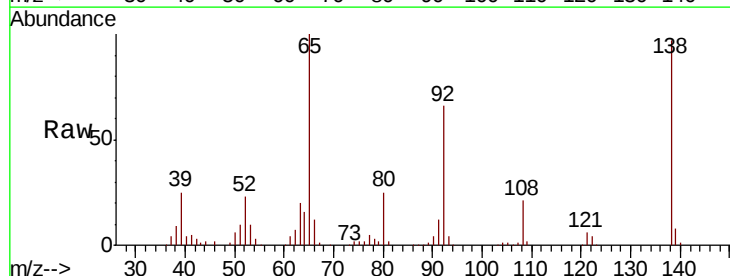


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

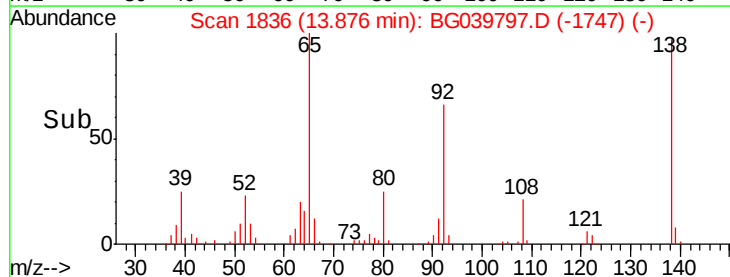
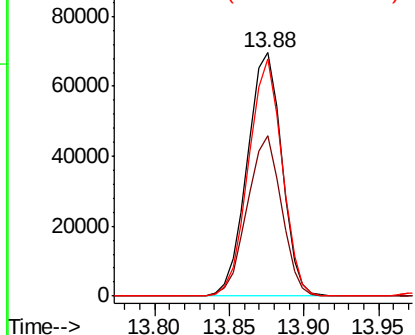


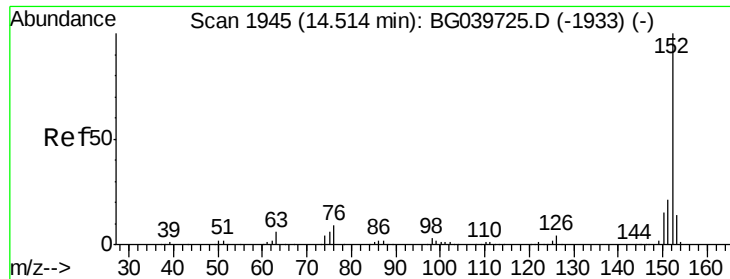
#48
 2-Nitroaniline
 Concen: 40.781 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion: 65 Resp: 111689
 Ion Ratio Lower Upper
 65 100
 92 65.9 51.4 77.2
 138 97.2 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: 36.407 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

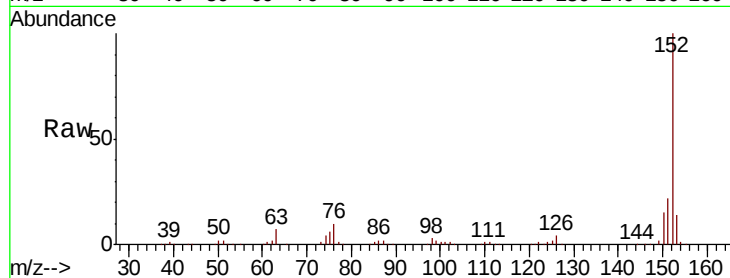
Tgt Ion:152 Resp: 509331

Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2

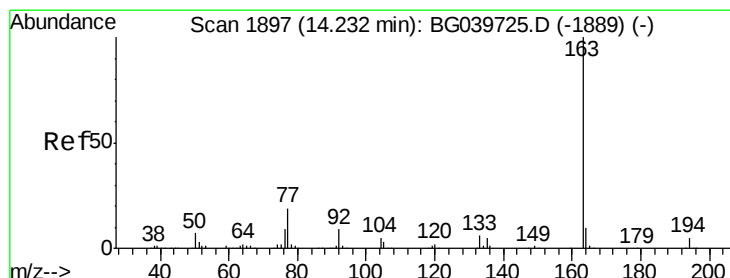
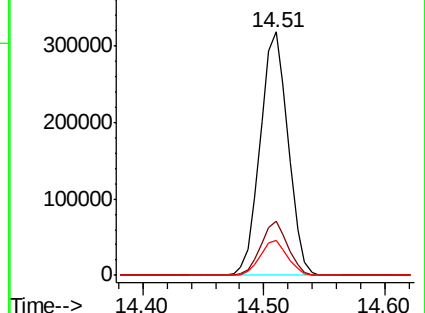
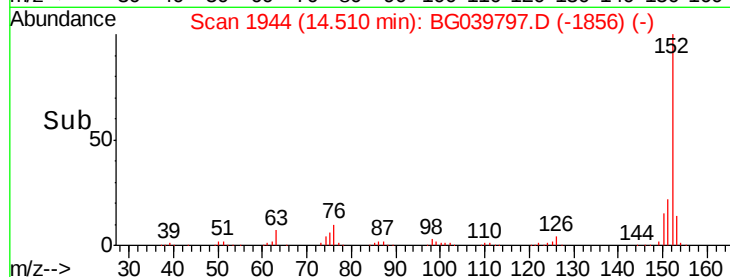
153 14.2 11.7 17.5



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: 36.910 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

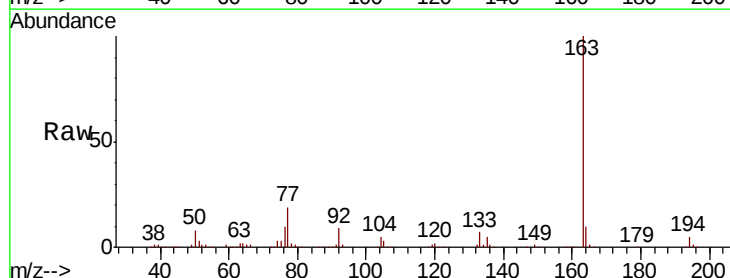
Tgt Ion:163 Resp: 425094

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

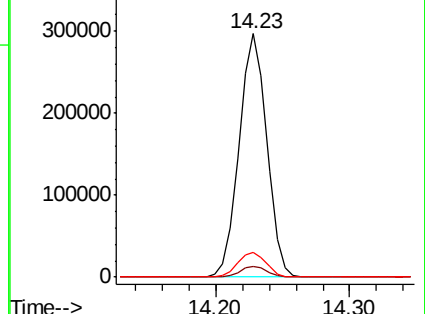
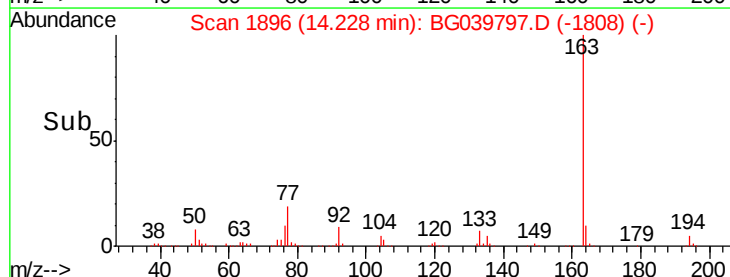
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

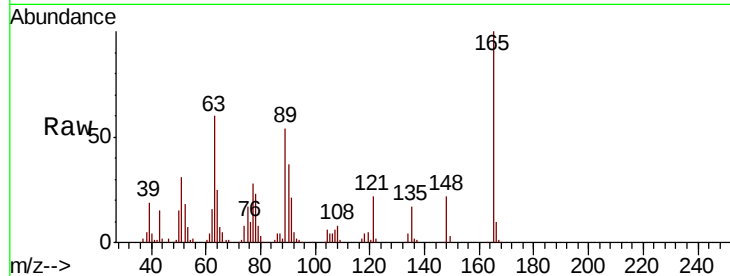




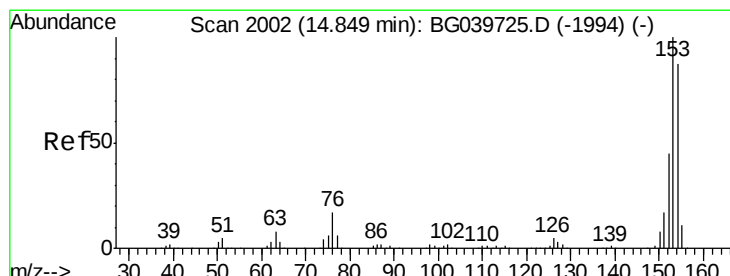
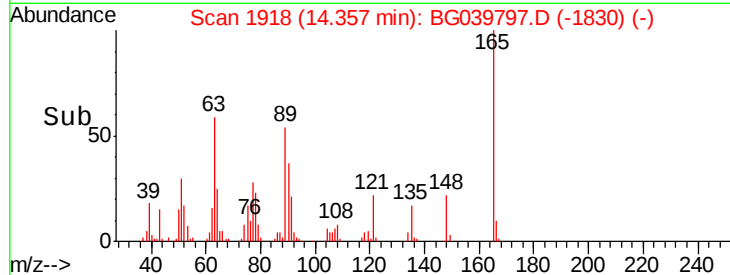
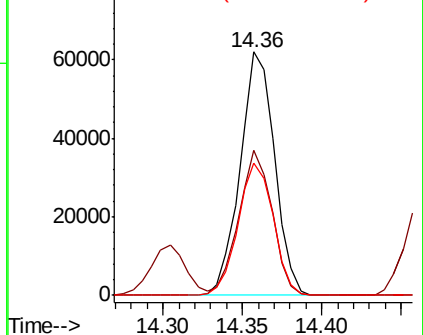
#51
 2,6-Dinitrotoluene
 Concen: 38.340 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tgt Ion:165 Resp: 93610
 Ion Ratio Lower Upper
 165 100
 63 59.6 47.0 70.6
 89 54.2 45.8 68.8

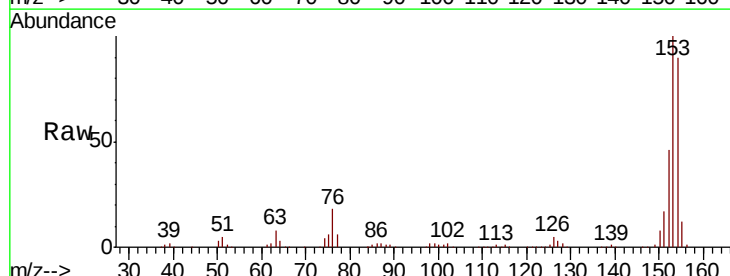


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

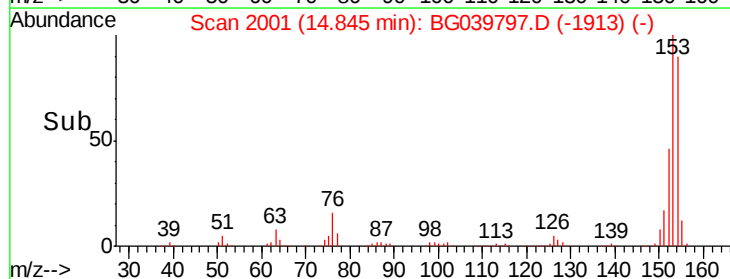
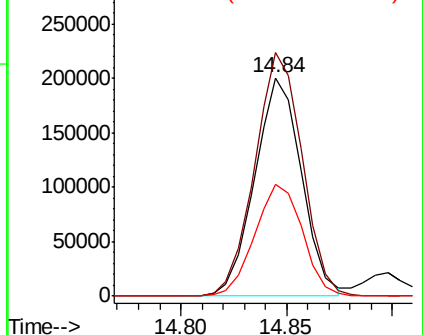


#52
 Acenaphthene
 Concen: 36.684 ng
 RT: 14.84 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion:154 Resp: 308887
 Ion Ratio Lower Upper
 154 100
 153 111.4 90.1 135.1
 152 51.1 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

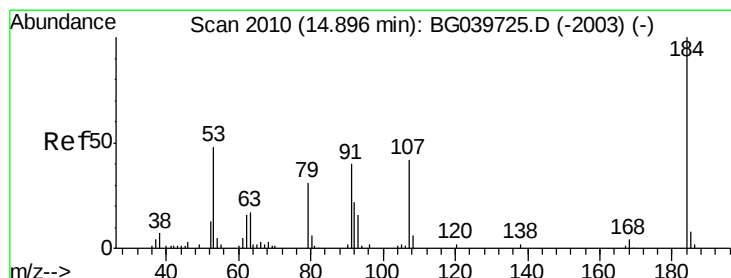
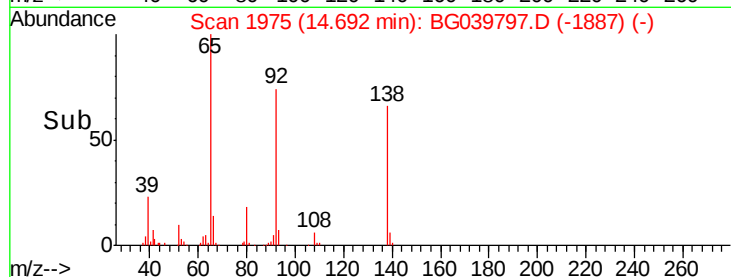
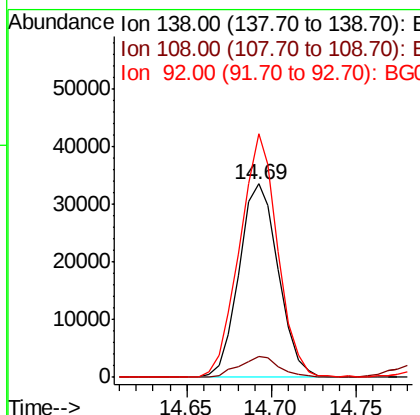
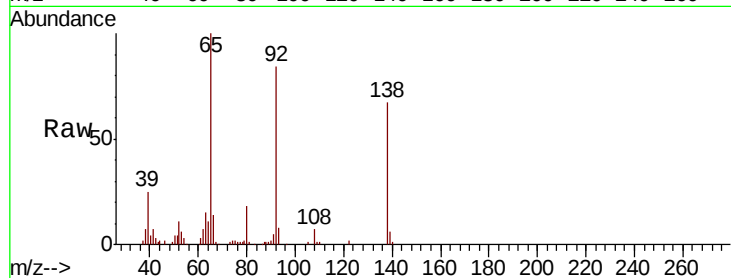




#53
3-Nitroaniline
Concen: 22.063 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

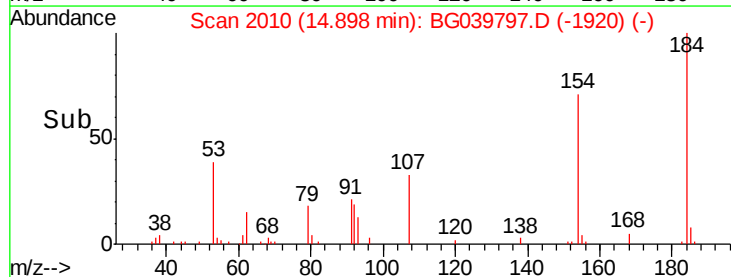
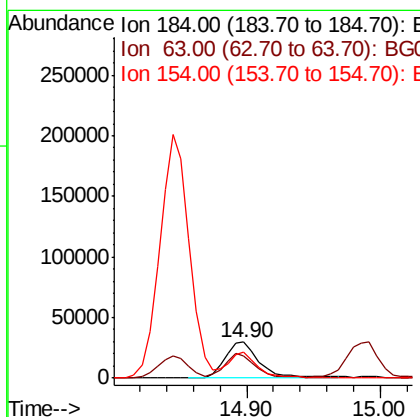
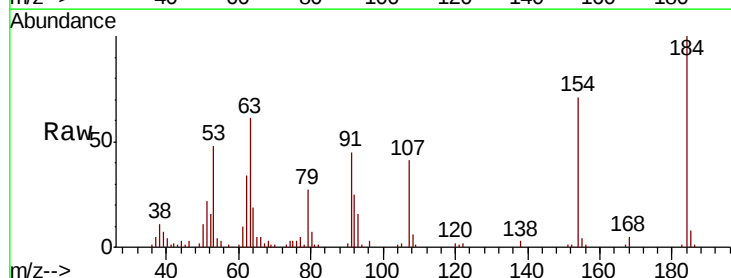
Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion:138 Resp: 54149
Ion Ratio Lower Upper
138 100
108 10.6 13.8 20.8#
92 126.0 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 37.654 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:184 Resp: 53392
Ion Ratio Lower Upper
184 100
63 60.8 50.9 76.3
154 71.2 53.0 79.6





#55

Dibenzofuran

Concen: 36.838 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

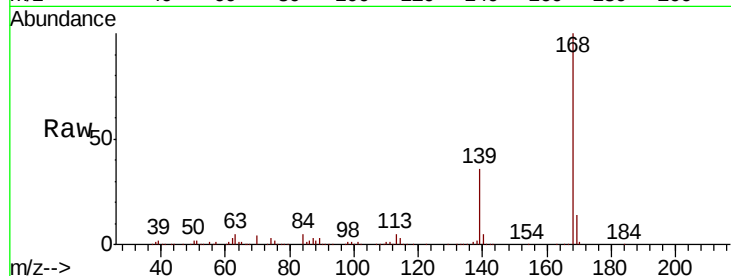
Tgt Ion:168 Resp: 508917

Ion Ratio Lower Upper

168 100

139 36.4 30.1 45.1

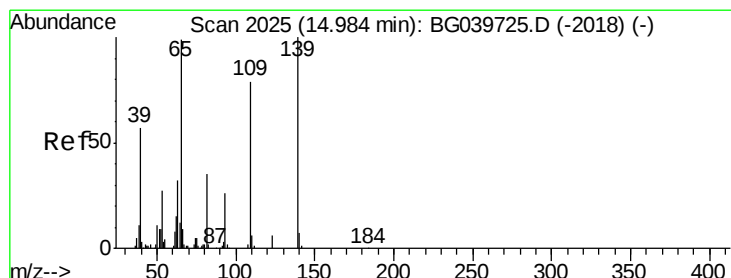
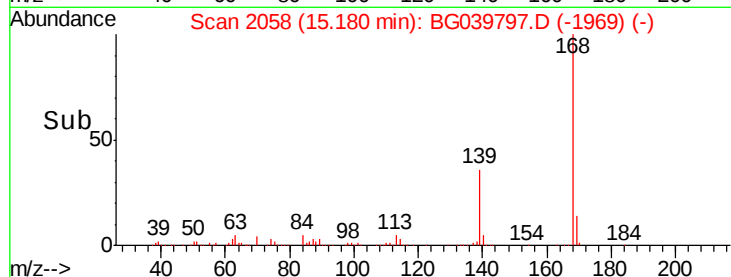
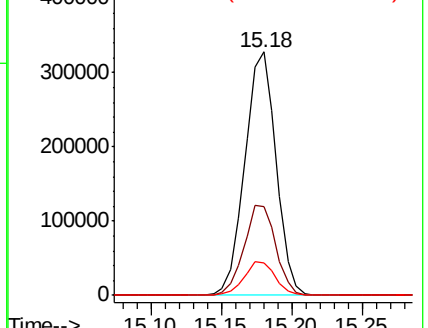
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 74.053 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

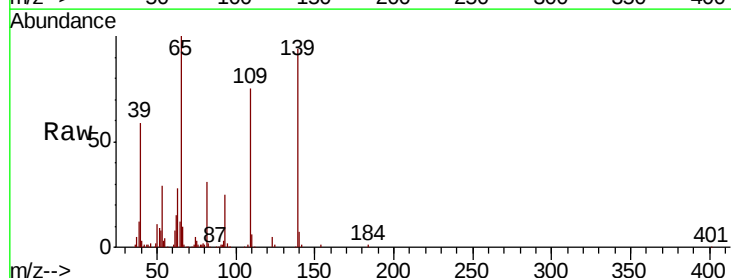
Tgt Ion:139 Resp: 162585

Ion Ratio Lower Upper

139 100

109 80.2 61.9 101.9

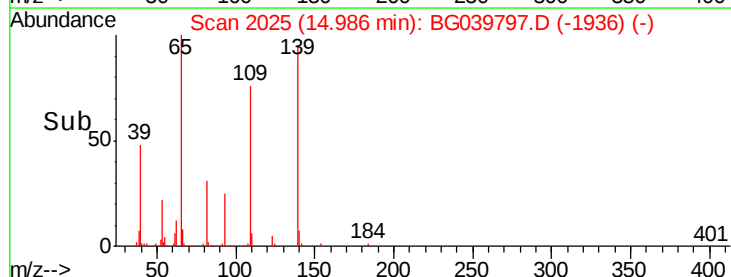
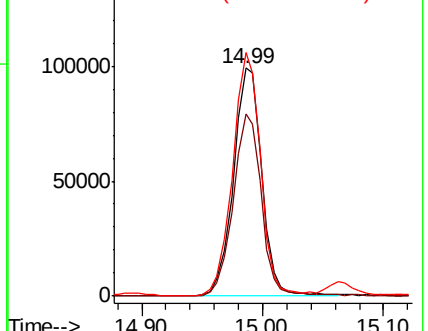
65 106.8 99.1 139.1

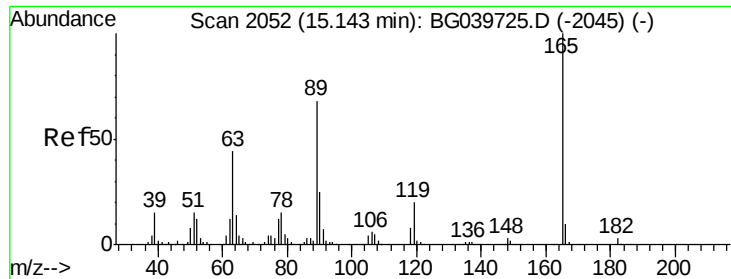


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

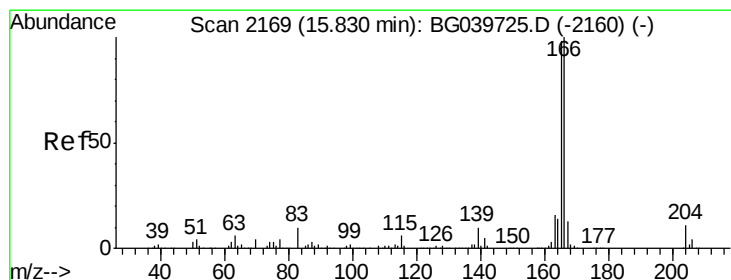
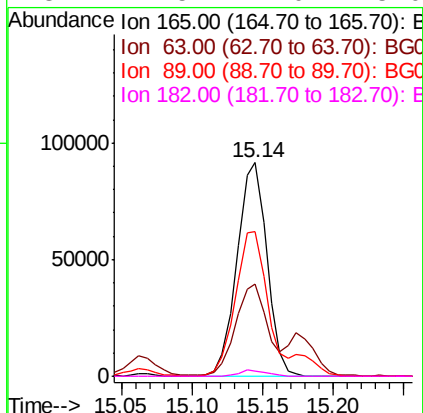
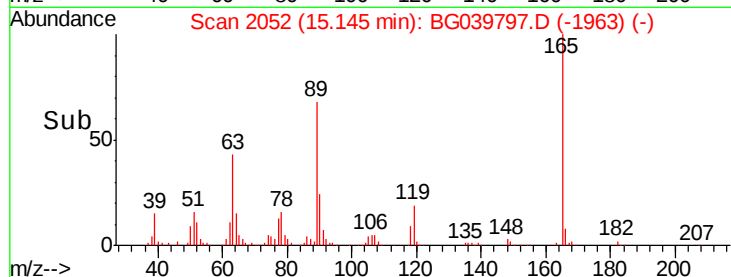
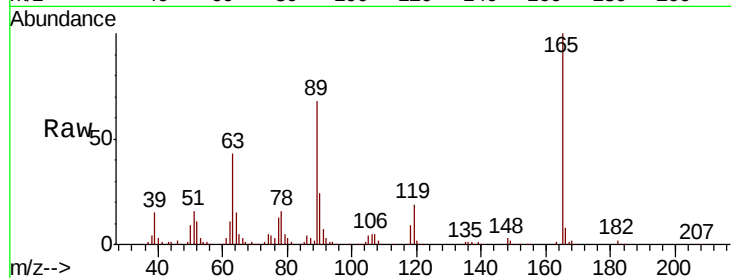




#57
2,4-Dinitrotoluene
Concen: 39.468 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

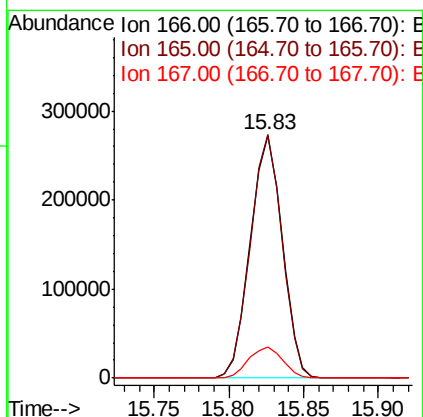
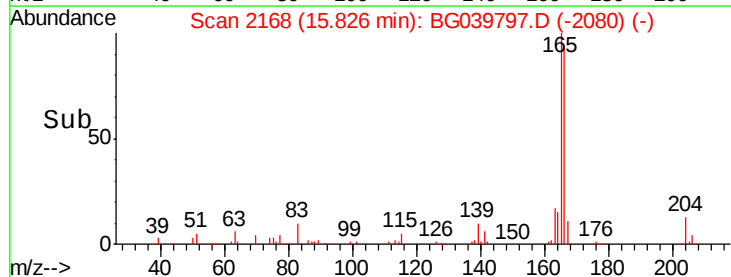
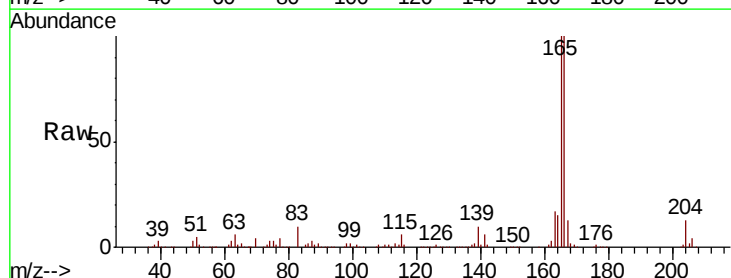
Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion:	165	Resp:	135402
Ion	Ratio	Lower	Upper
165	100		
63	43.5	41.0	61.6
89	68.0	64.6	96.8
182	2.5	2.0	3.0



#58
Fluorene
Concen: 37.281 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:	166	Resp:	404893
Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.9	116.9
167	13.0	10.8	16.2

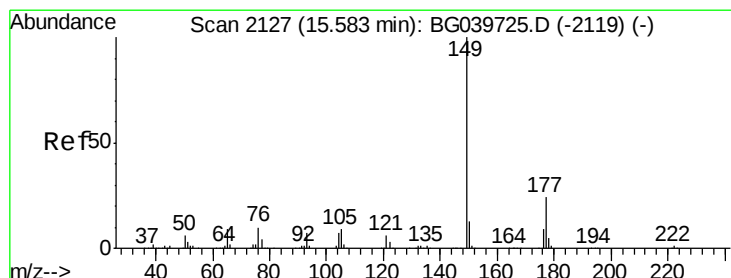
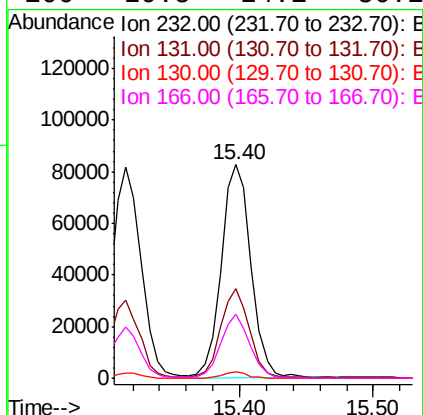
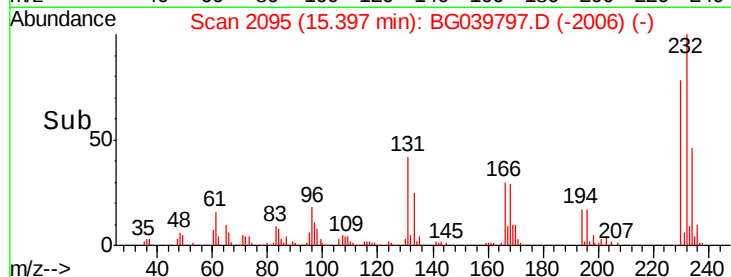
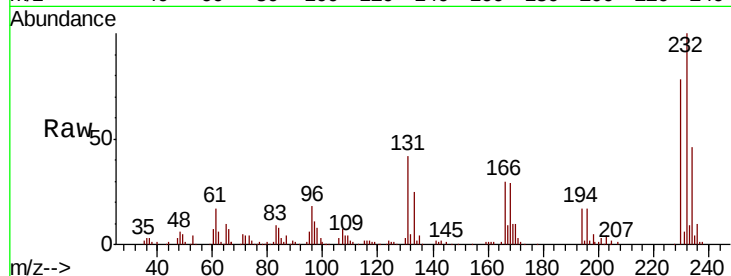




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.468 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

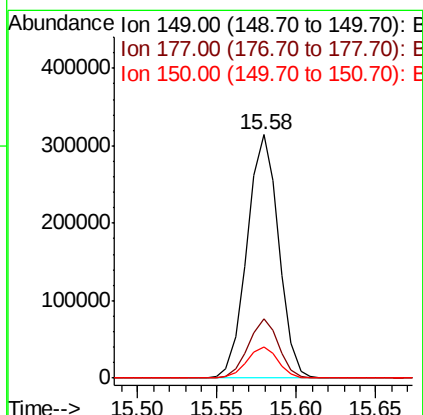
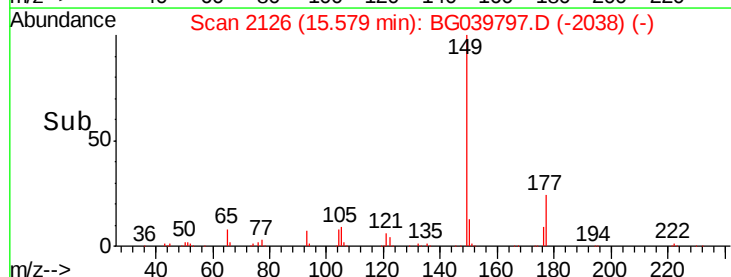
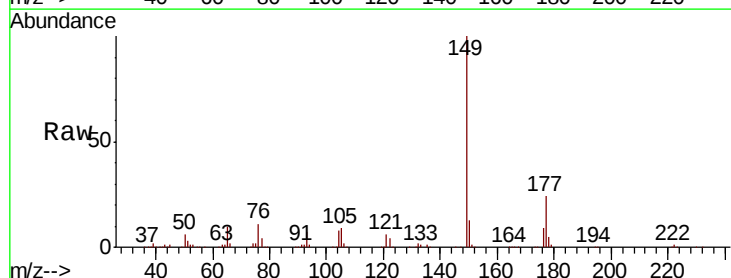
Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.8	34.9	52.3
130	2.4	2.0	3.0
166	29.5	24.1	36.1



#60
 Diethylphthalate
 Concen: 38.111 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	12.9	10.2	15.2

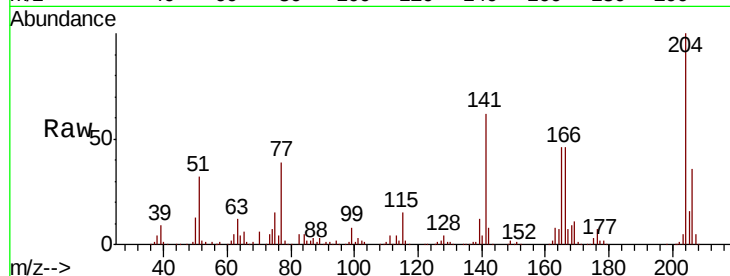




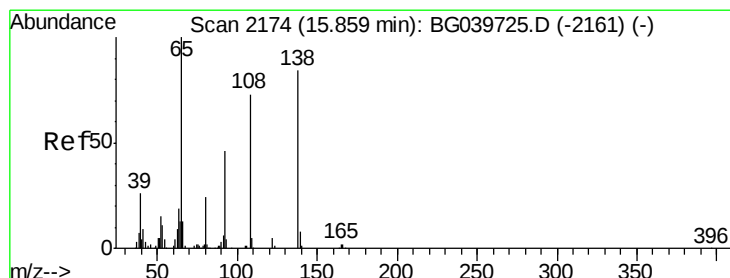
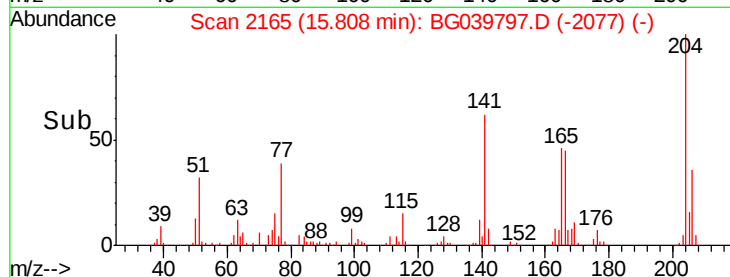
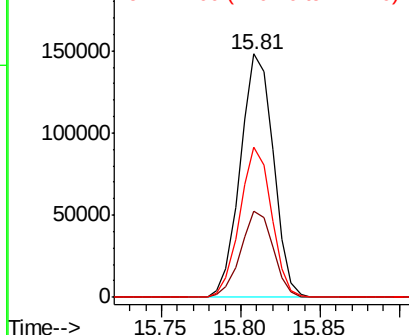
#61
 4-Chlorophenyl-phenylether
 Concen: 36.966 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tgt Ion: 204 Resp: 214232
 Ion Ratio Lower Upper
 204 100
 206 35.5 29.2 43.8
 141 61.7 49.0 73.4

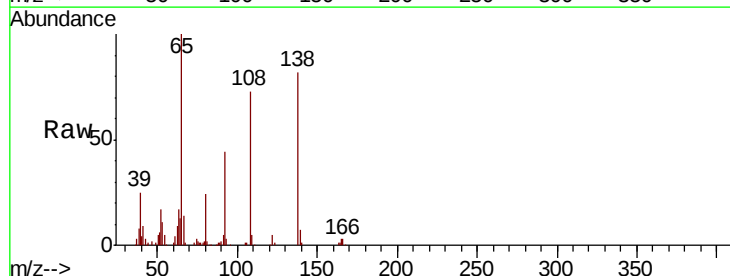


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

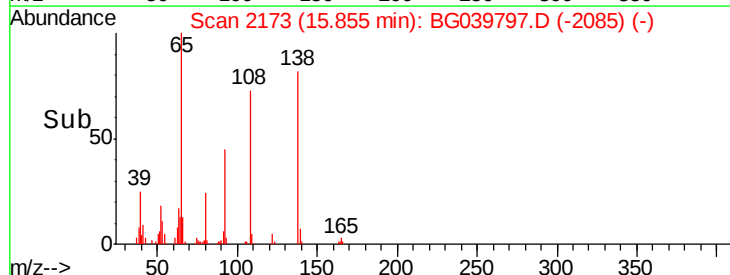
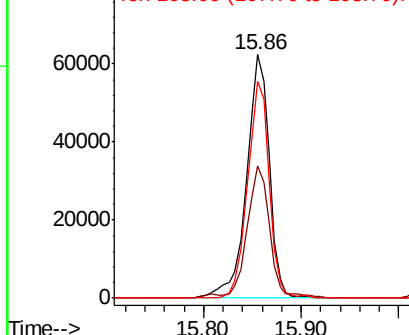


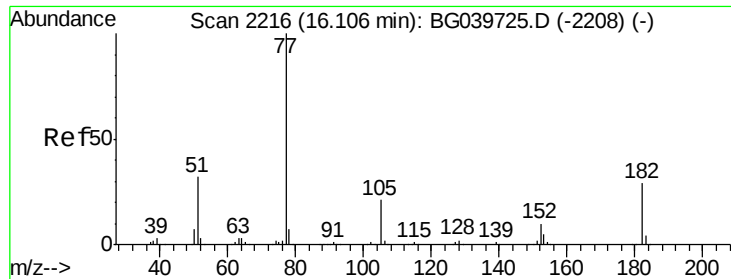
#62
 4-Nitroaniline
 Concen: 38.357 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion: 138 Resp: 102058
 Ion Ratio Lower Upper
 138 100
 92 54.1 38.7 78.7
 108 89.0 74.6 114.6



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

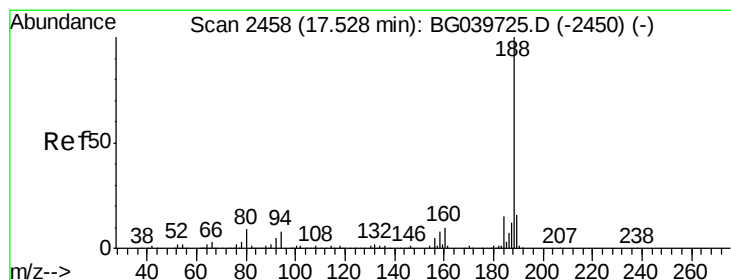
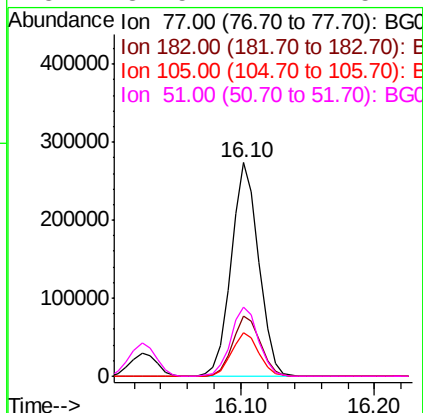
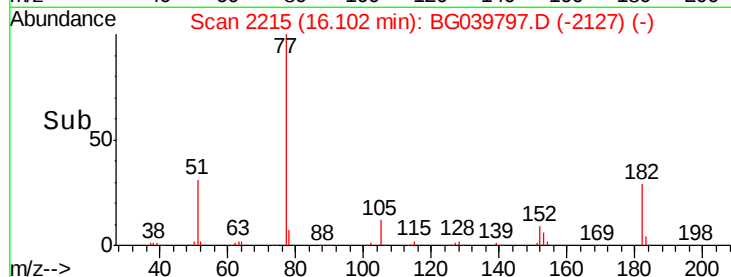
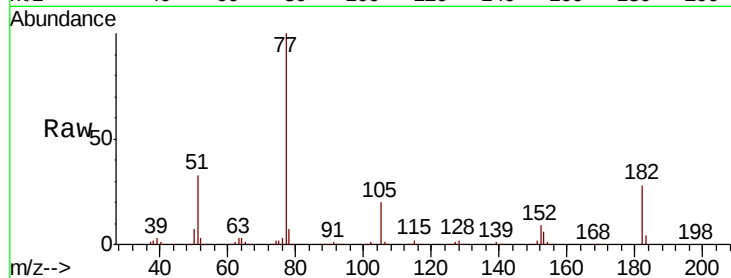




#63
Azobenzene
Concen: 37.873 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

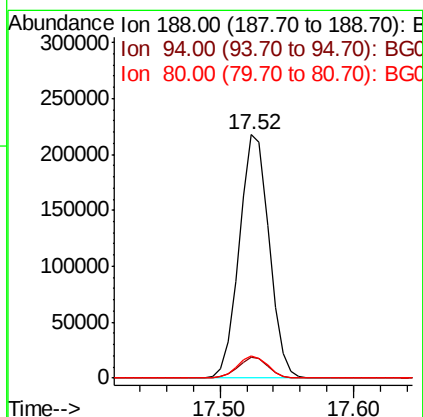
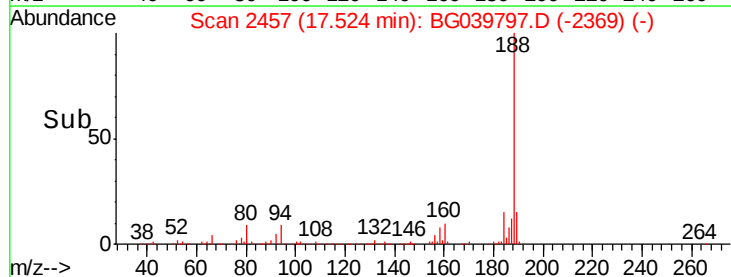
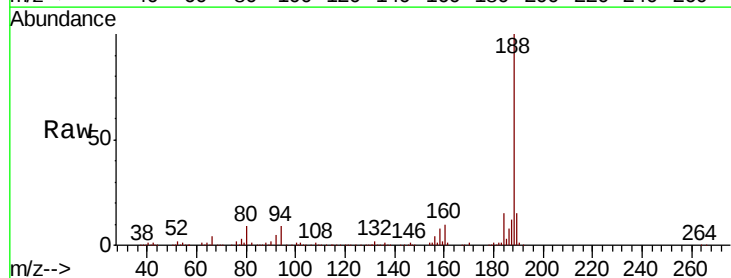
Instrument :
BNA_G
ClientSampleId :
PB117669BS

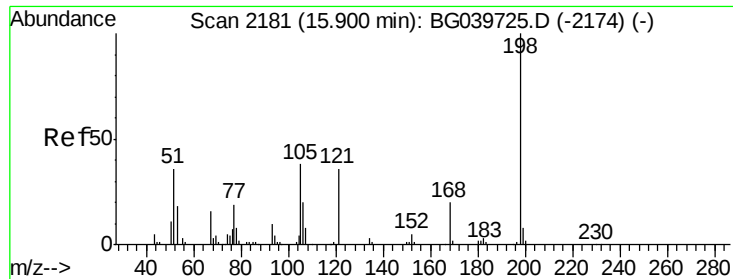
Tgt Ion:	77	Resp:	391405
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.4	46.4
105	20.3	0.0	39.8
51	32.5	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:	188	Resp:	335295
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	8.9	8.1	12.1

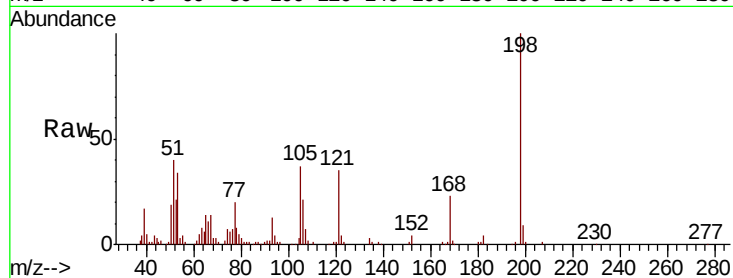




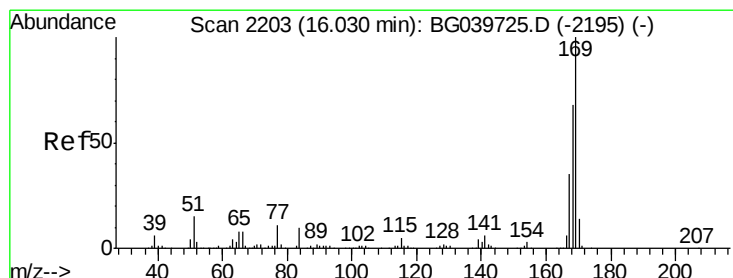
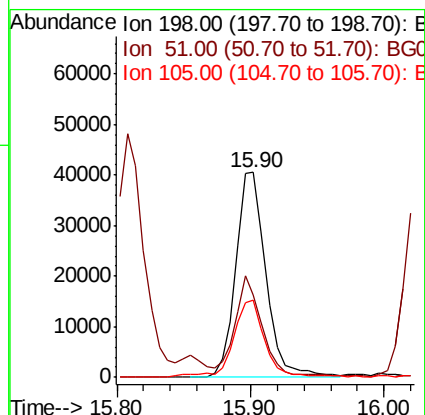
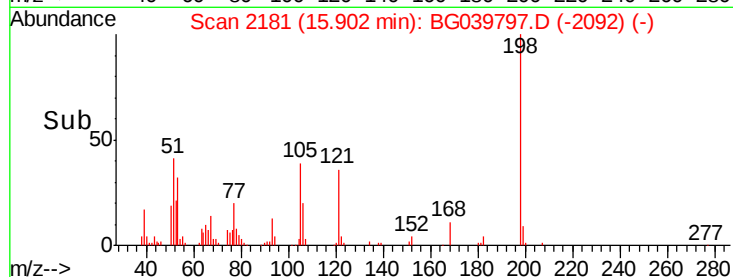
#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.192 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tgt Ion:198 Resp: 63821
 Ion Ratio Lower Upper
 198 100
 51 40.1 27.4 67.4
 105 37.4 19.7 59.7

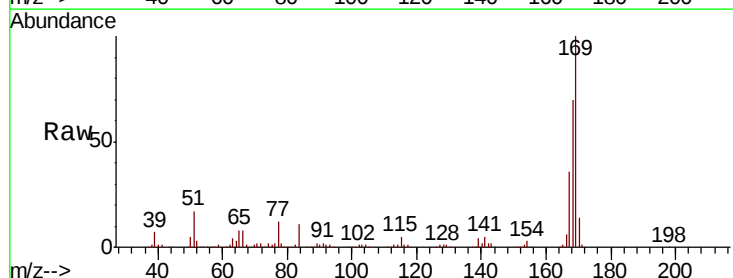


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

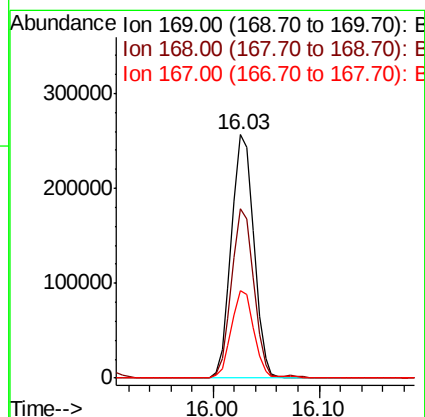
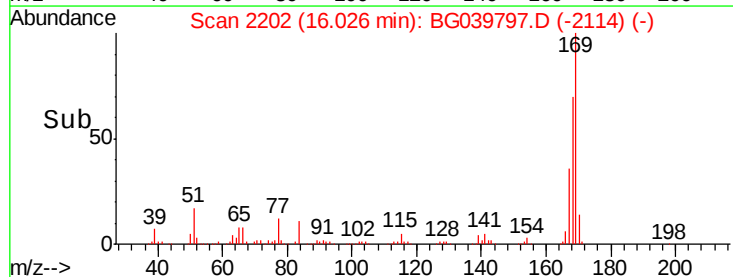


#66
 n-Nitrosodiphenylamine
 Concen: 38.794 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion:169 Resp: 376572
 Ion Ratio Lower Upper
 169 100
 168 69.8 56.6 85.0
 167 36.0 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

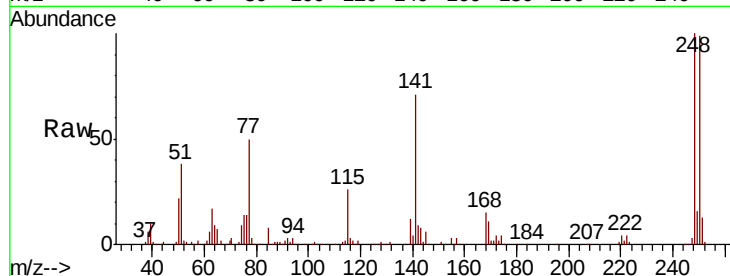




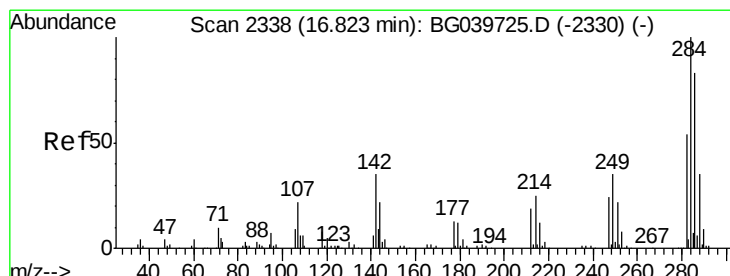
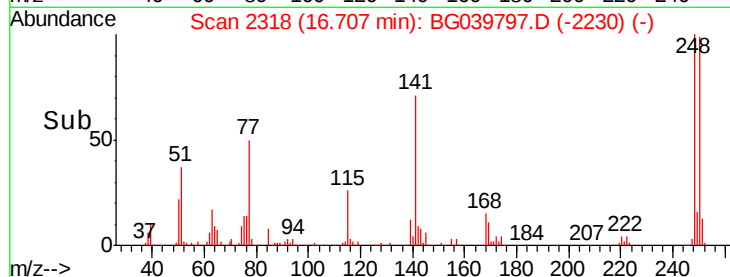
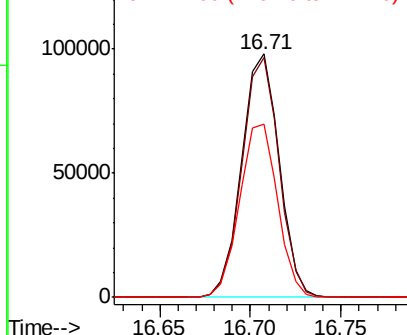
#67
4-Bromophenyl-phenylether
Concen: 37.601 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion:248 Resp: 141118
Ion Ratio Lower Upper
248 100
250 98.7 77.6 116.4
141 71.3 63.9 95.9

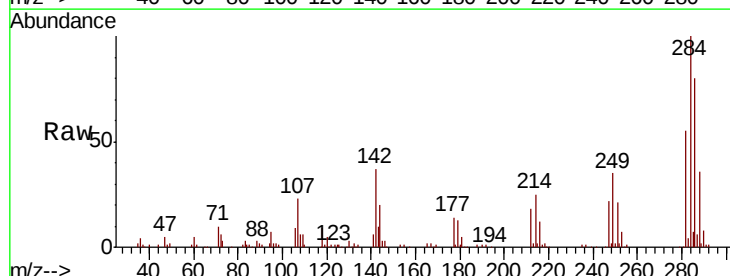


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

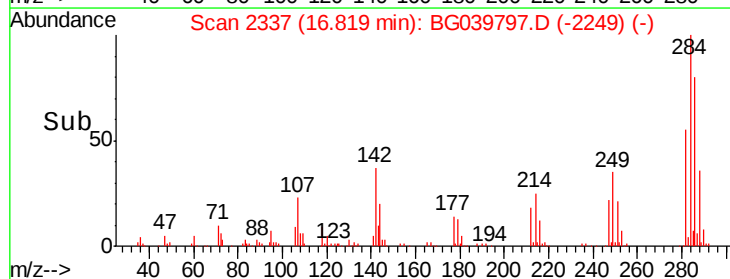
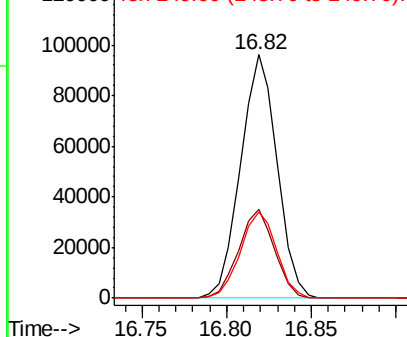


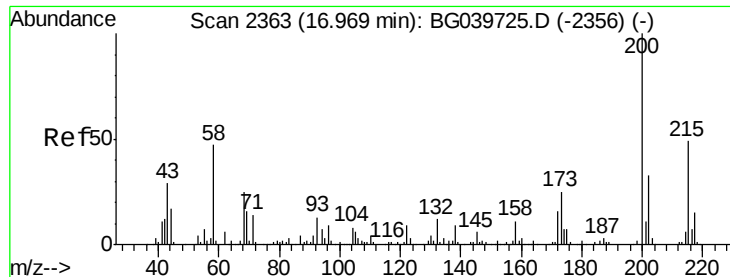
#68
Hexachlorobenzene
Concen: 37.009 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:284 Resp: 143975
Ion Ratio Lower Upper
284 100
142 36.6 30.6 45.8
249 35.4 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: 36.435 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampled :

PB117669BS

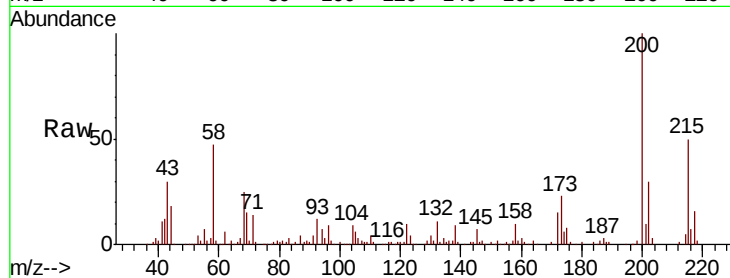
Tgt Ion:200 Resp: 139192

Ion Ratio Lower Upper

200 100

173 23.4 3.9 43.9

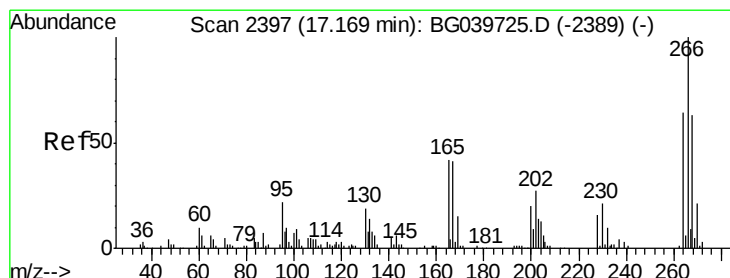
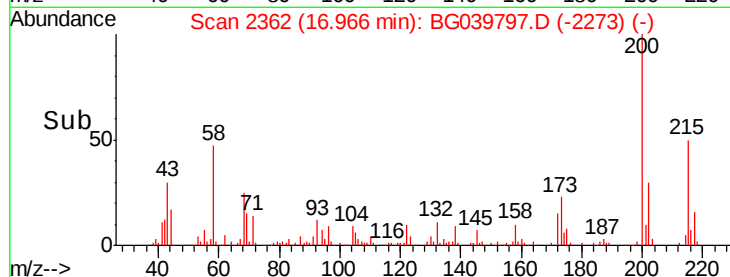
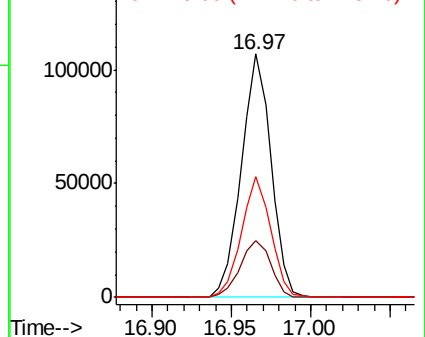
215 49.7 30.9 70.9



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: 69.182 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

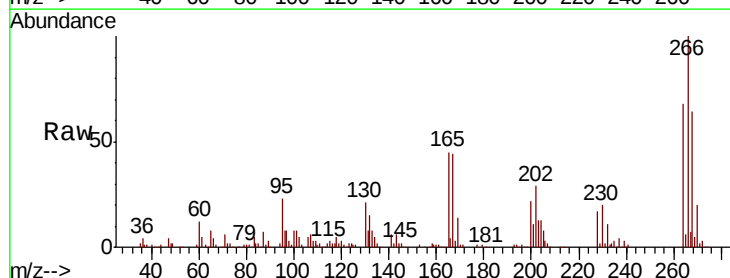
Tgt Ion:266 Resp: 169975

Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

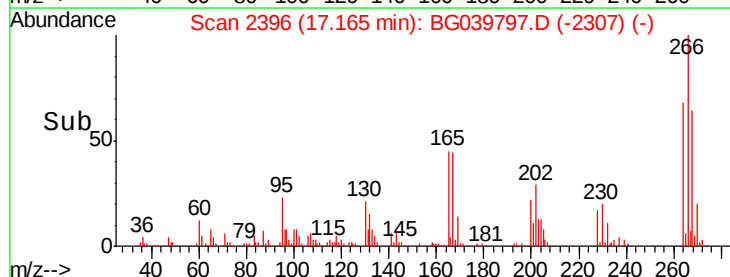
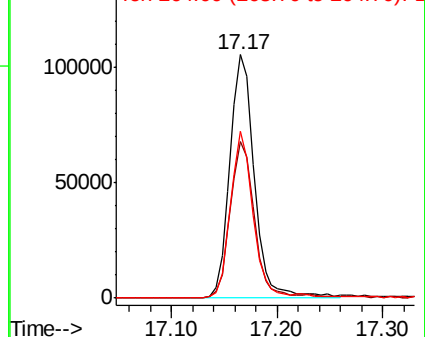
264 68.3 52.1 78.1

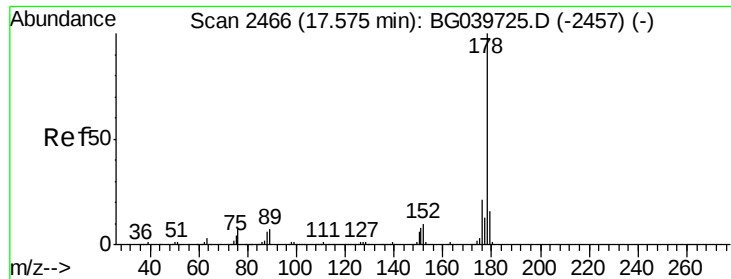


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

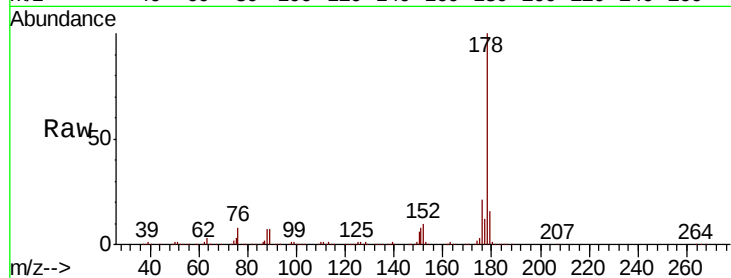




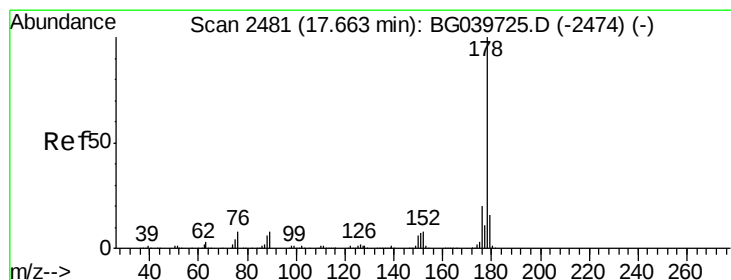
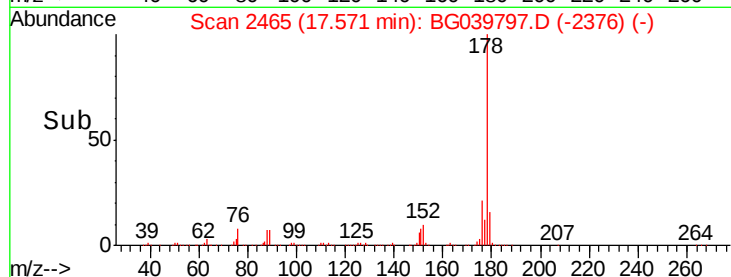
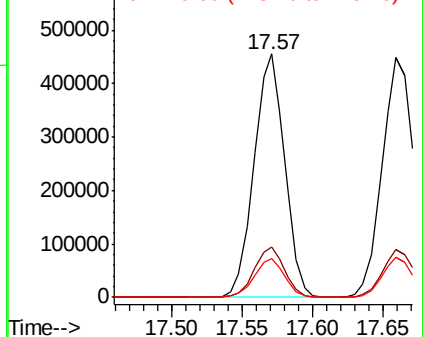
#71
Phenanthrene
Concen: 37.523 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion:178 Resp: 692990
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 15.9 12.6 19.0

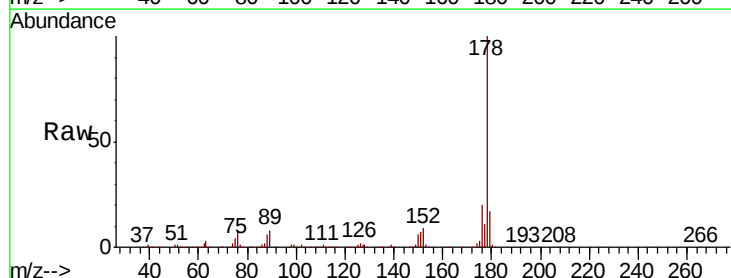


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

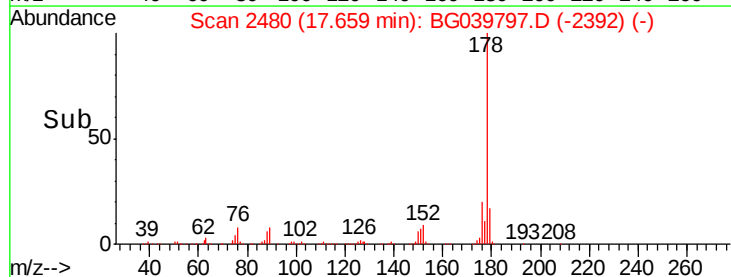
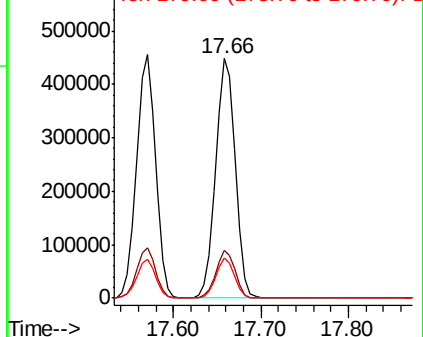


#72
Anthracene
Concen: 38.768 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:178 Resp: 697711
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.9 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

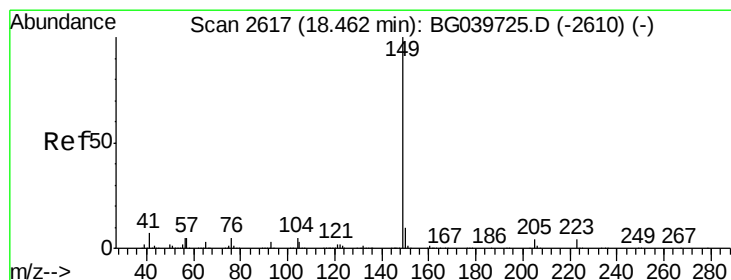
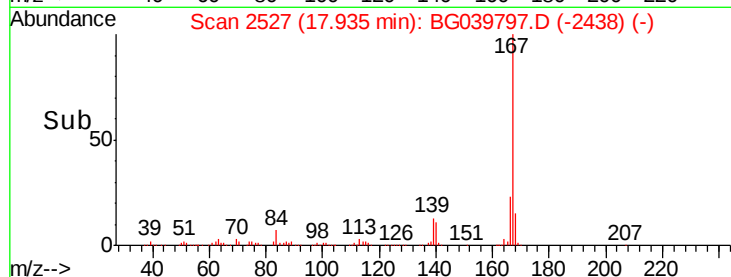
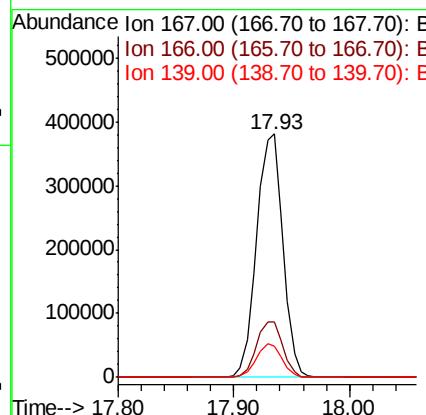
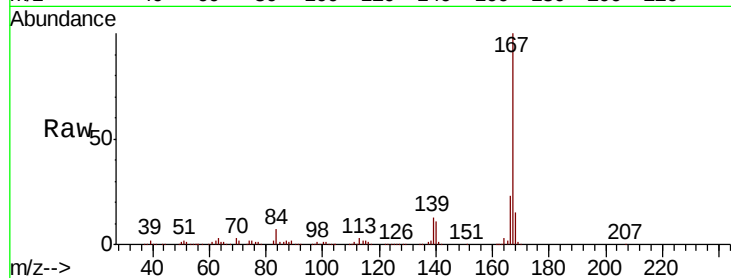




#73
 Carbazole
 Concen: 37.355 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

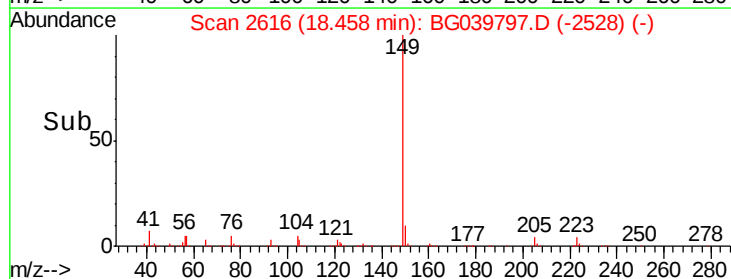
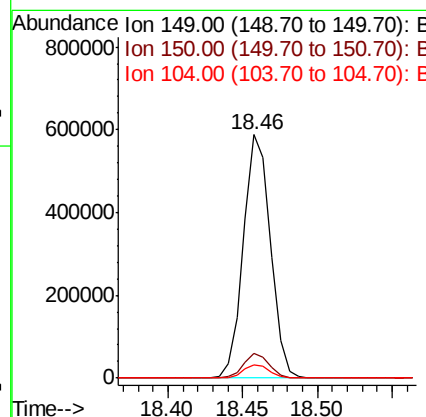
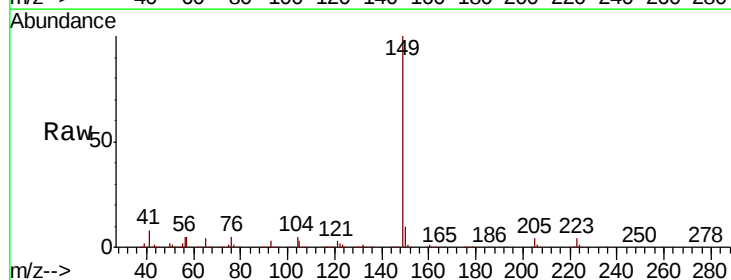
Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

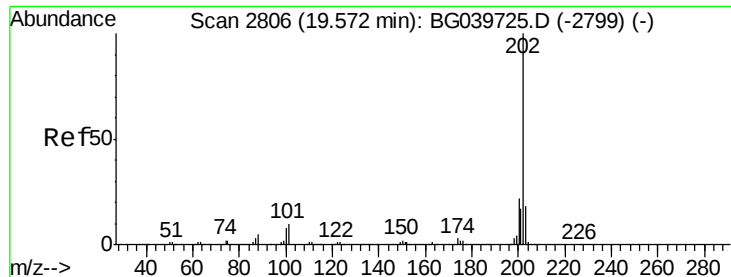
Tgt Ion:167 Resp: 606078
 Ion Ratio Lower Upper
 167 100
 166 22.9 19.4 29.2
 139 12.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 38.706 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion:149 Resp: 738882
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.7 11.5
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 37.451 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

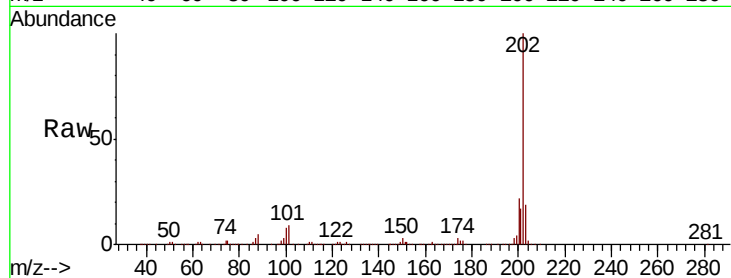
Tgt Ion:202 Resp: 817417

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

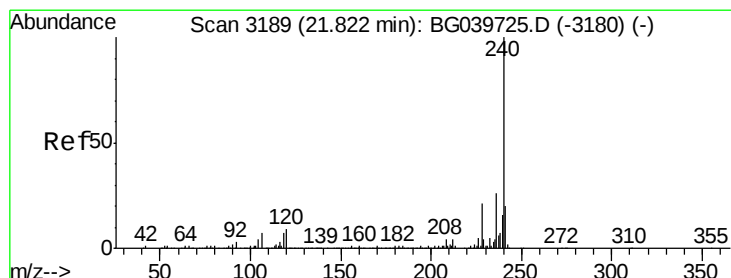
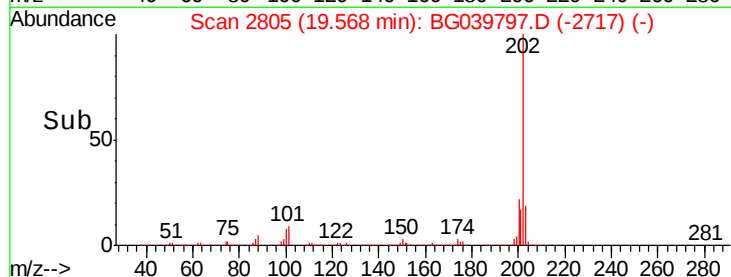
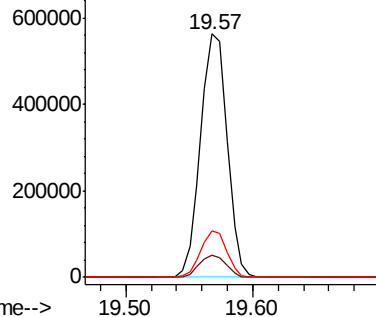
203 19.1 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

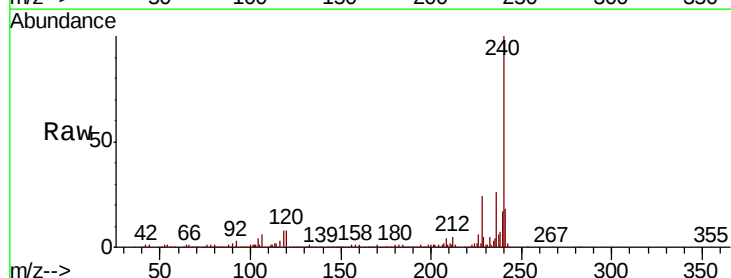
Tgt Ion:240 Resp: 324169

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

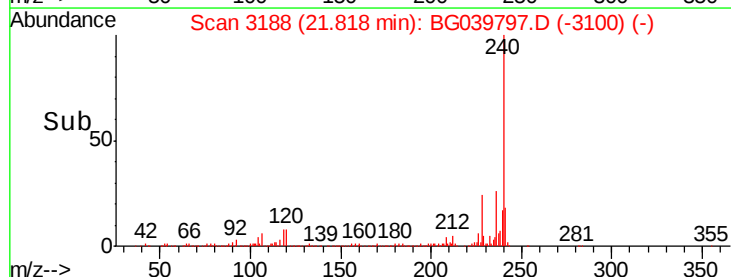
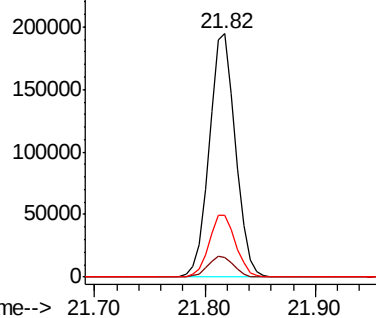
236 25.6 21.0 31.4

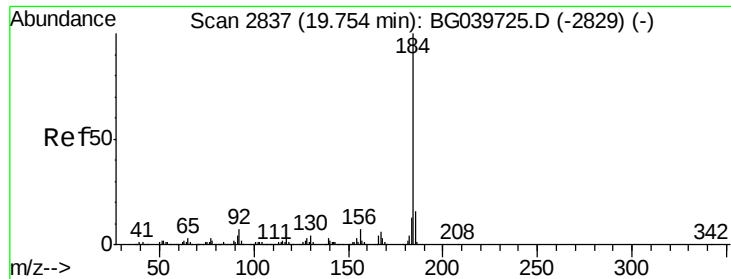


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.803 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

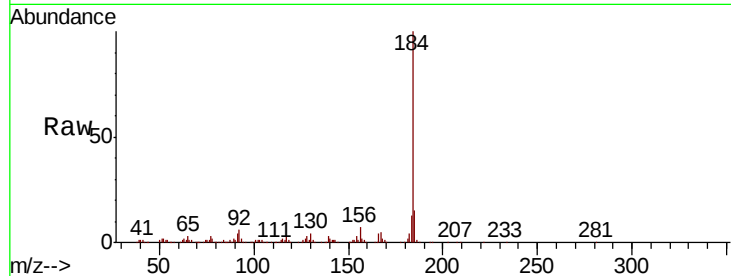
Tgt Ion:184 Resp: 275718

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

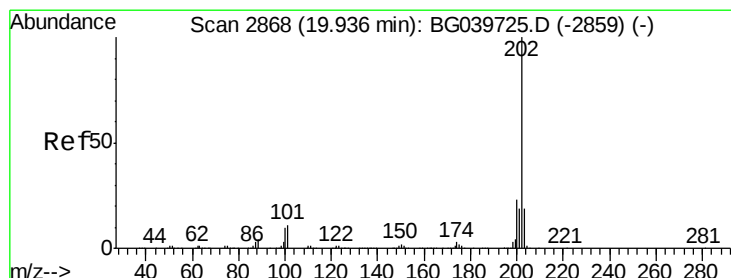
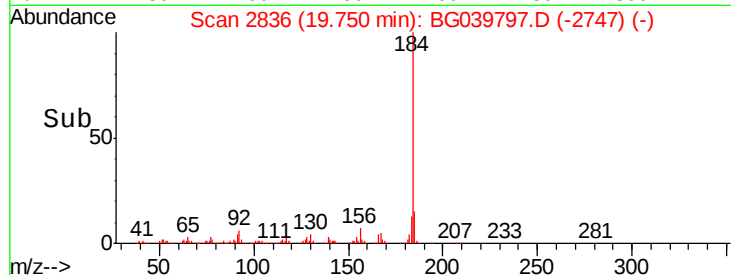
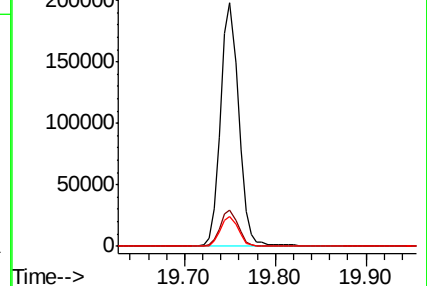
183 12.5 10.6 15.8



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: 38.449 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

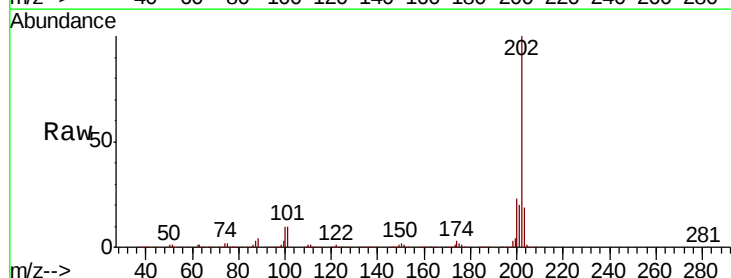
Tgt Ion:202 Resp: 809906

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

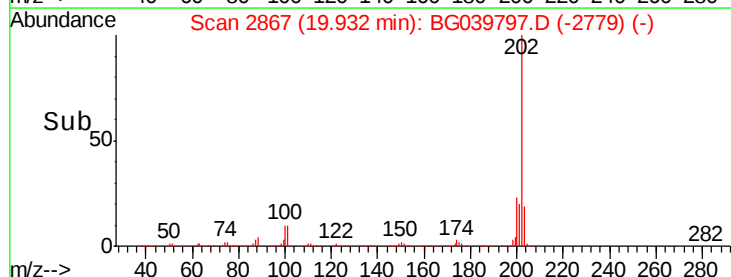
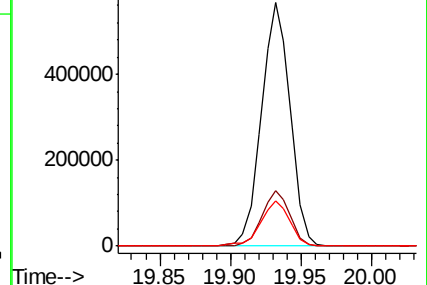
203 18.8 15.3 22.9



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: 77.323 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampled :

PB117669BS

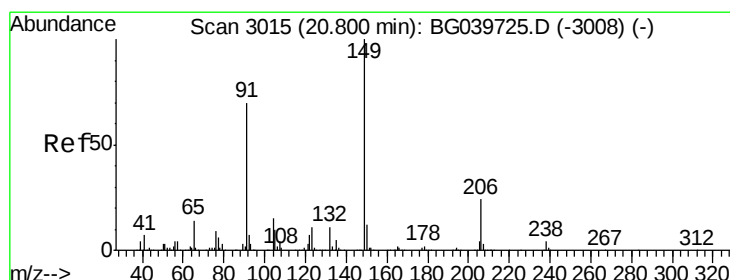
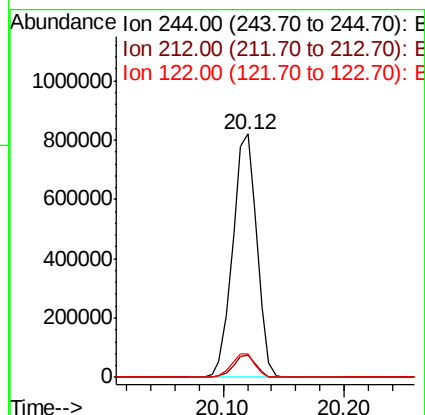
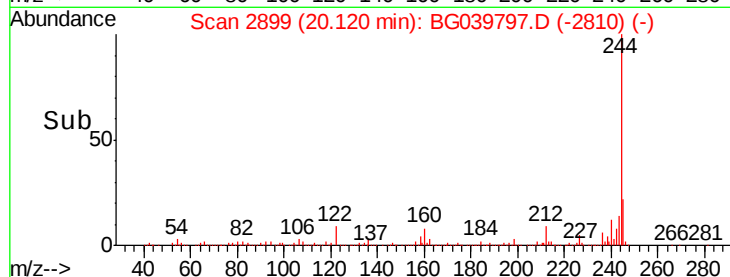
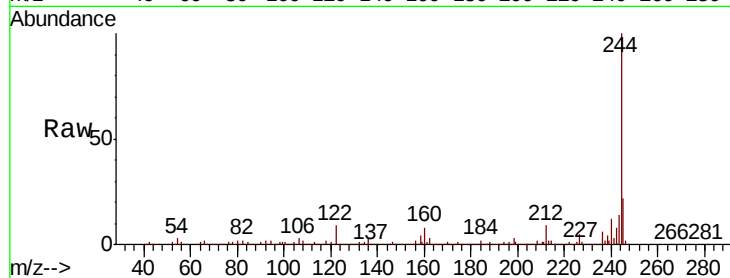
Tgt Ion:244 Resp: 1138424

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

122 9.4 8.4 12.6



#80

Butylbenzylphthalate

Concen: 41.307 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

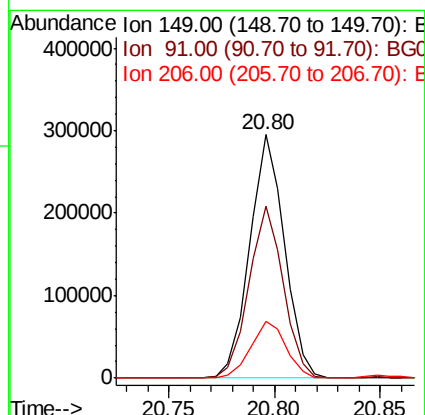
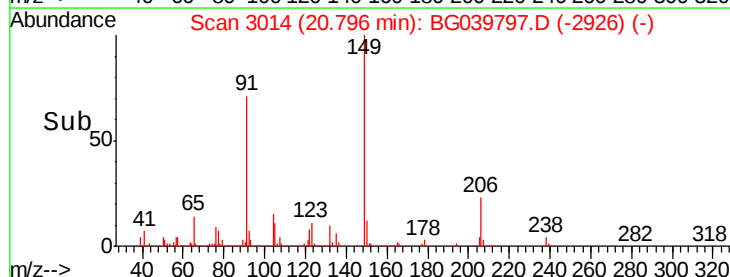
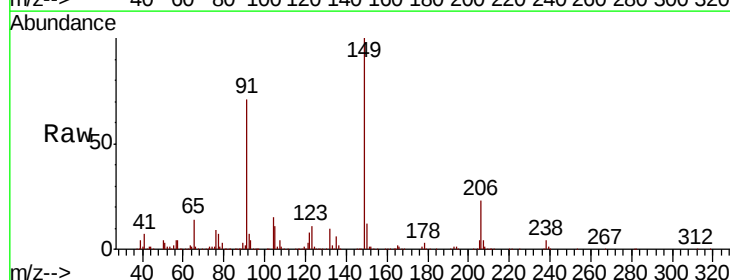
Tgt Ion:149 Resp: 337103

Ion Ratio Lower Upper

149 100

91 70.6 59.5 89.3

206 23.2 18.6 27.8





#81

Benzo(a)anthracene

Concen: 37.946 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

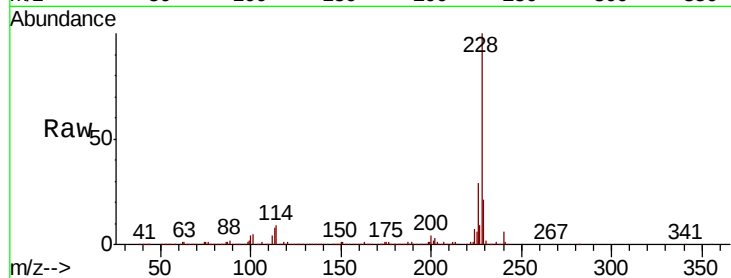
Tgt Ion:228 Resp: 770926

Ion Ratio Lower Upper

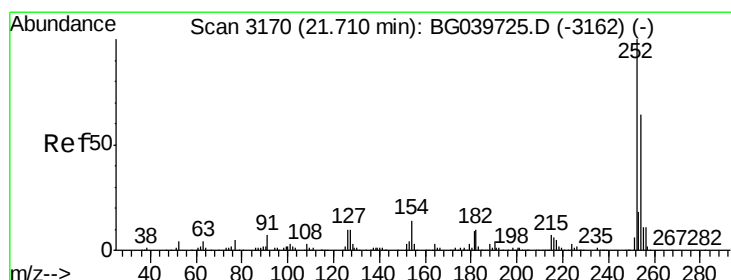
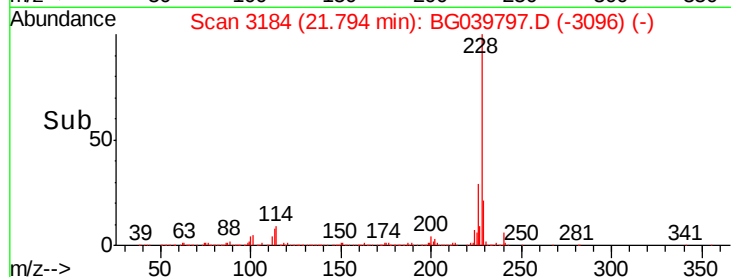
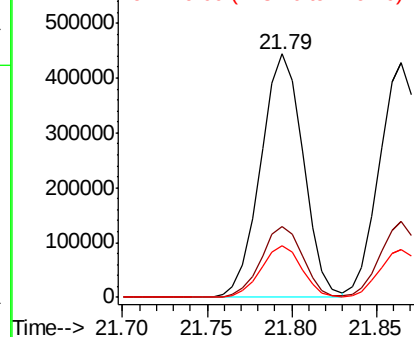
228 100

226 29.2 23.0 34.6

229 21.1 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: 18.249 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

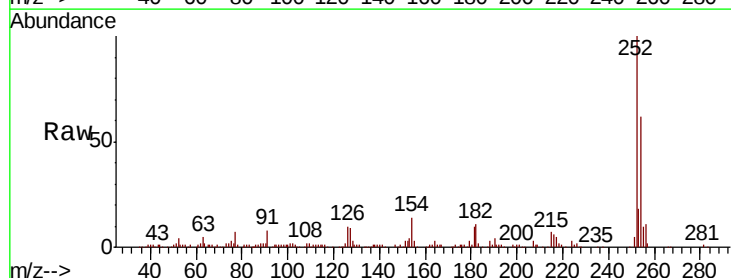
Tgt Ion:252 Resp: 135358

Ion Ratio Lower Upper

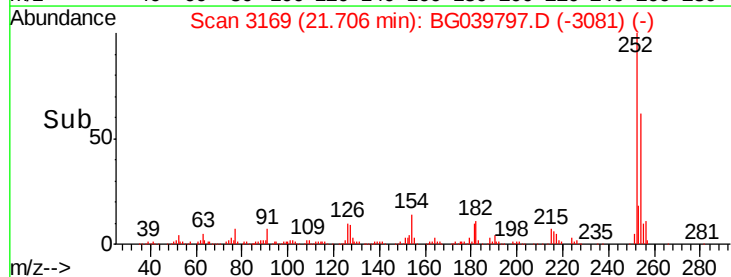
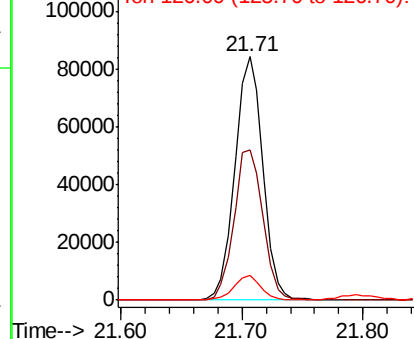
252 100

254 61.9 51.3 76.9

126 10.1 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

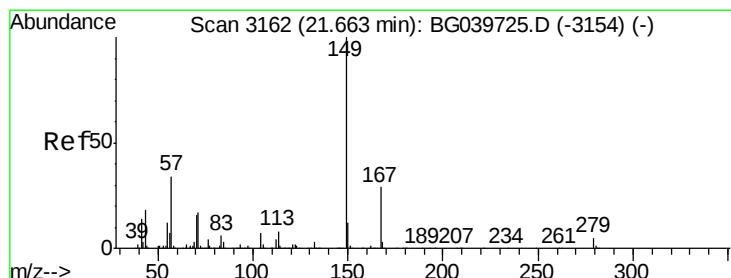
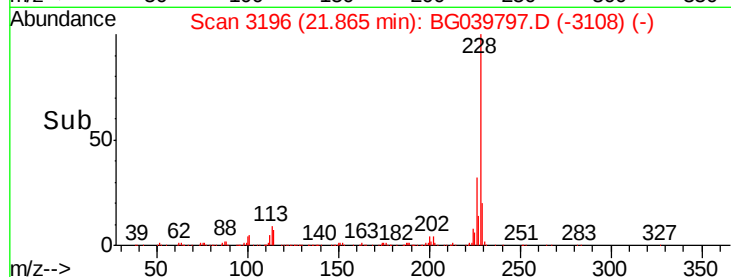
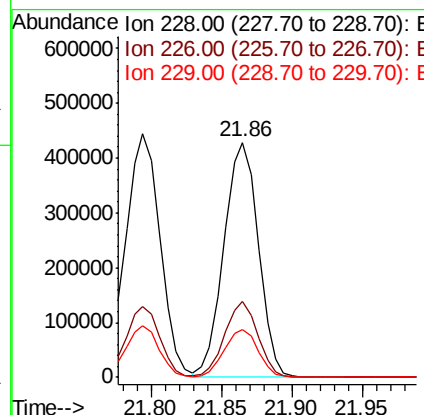
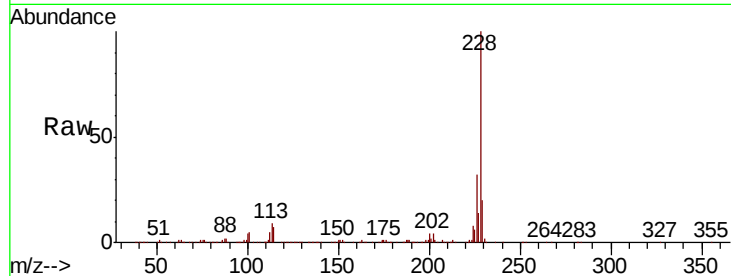




#83
 Chrysene
 Concen: 36.892 ng
 RT: 21.86 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

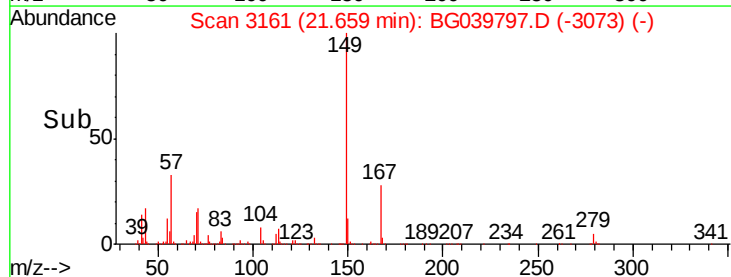
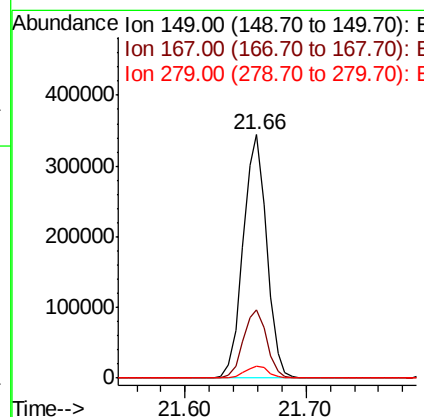
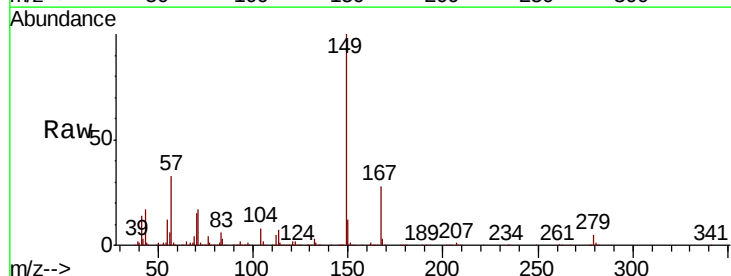
Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

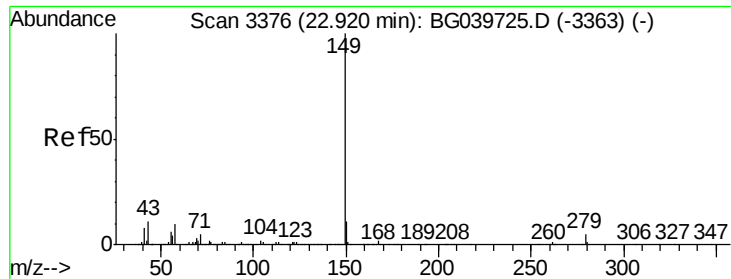
Tgt Ion: 228 Resp: 726648
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.8 38.6
 229 20.1 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.800 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion: 149 Resp: 467901
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.6 34.0
 279 4.9 3.5 5.3

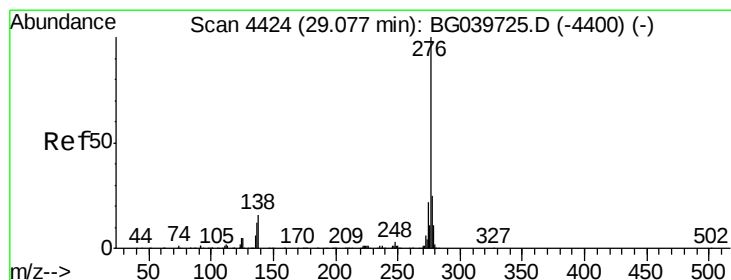
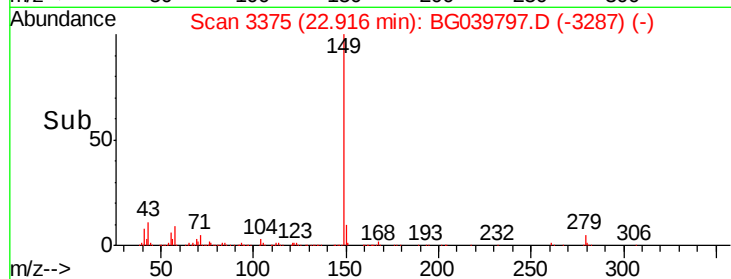
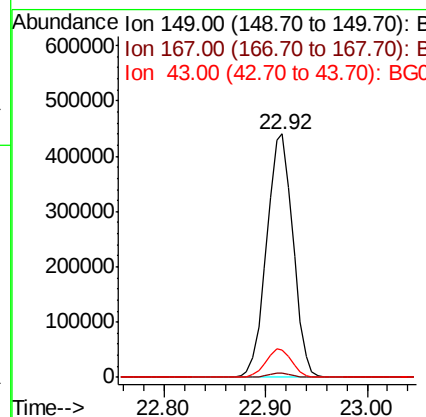
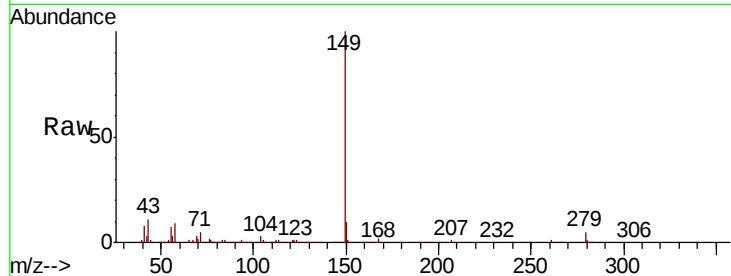




#85
Di-n-octyl phthalate
Concen: 41.844 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

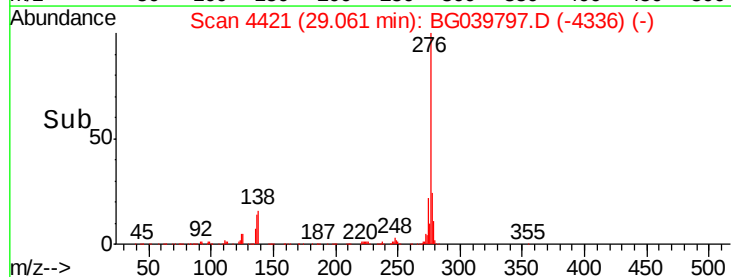
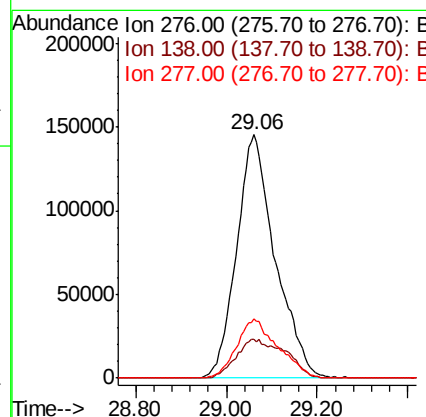
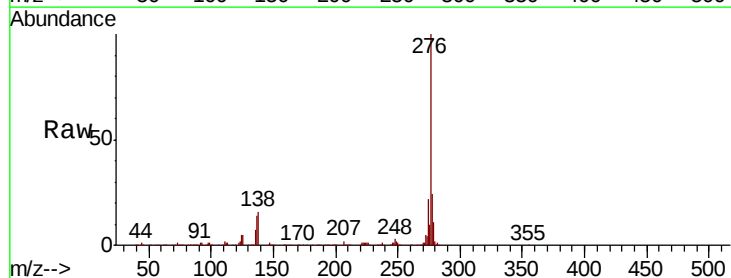
Instrument :
BNA_G
ClientSampleId :
PB117669BS

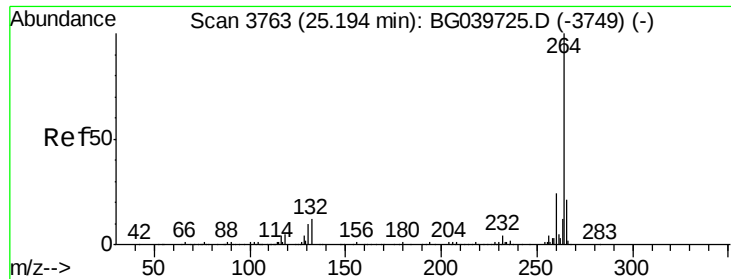
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.437 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.03 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	12.6	19.0#
277	26.0	20.8	31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

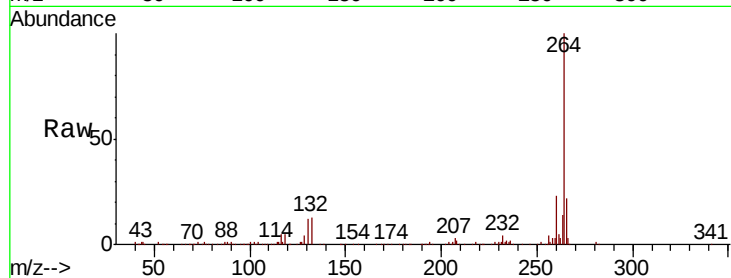
Tgt Ion:264 Resp: 334832

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

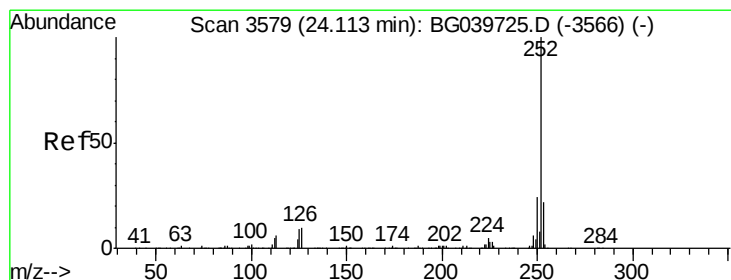
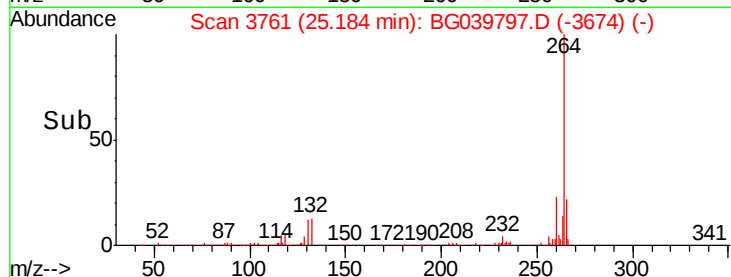
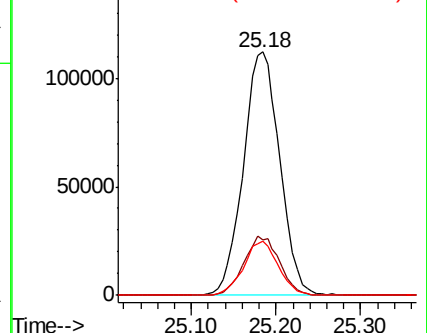
265 22.5 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.501 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

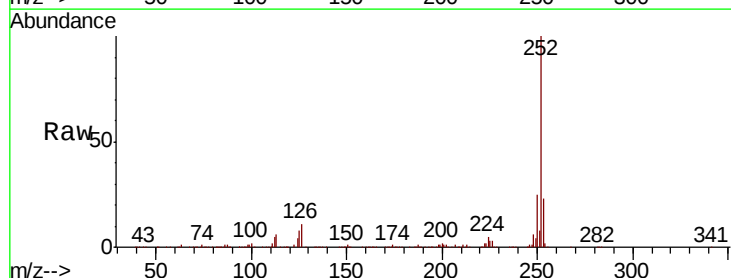
Tgt Ion:252 Resp: 748774

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

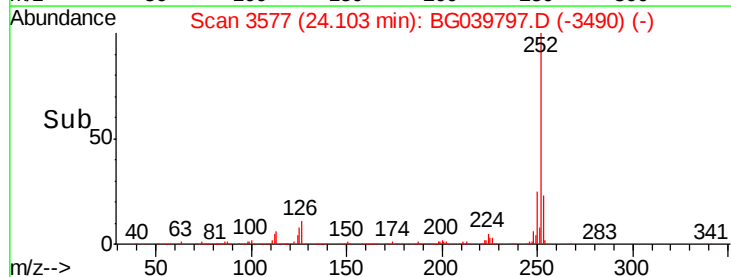
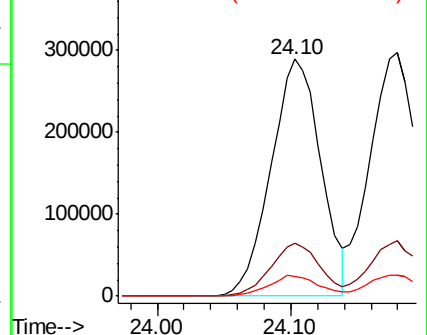
125 8.4 7.8 11.6

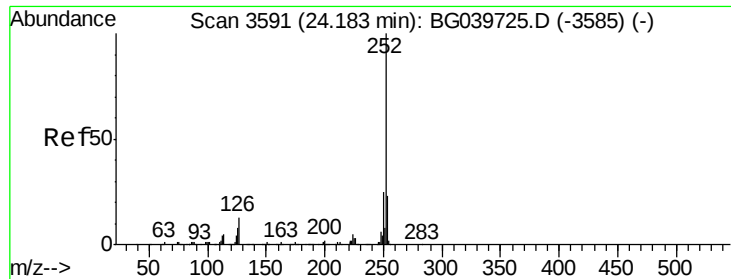


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

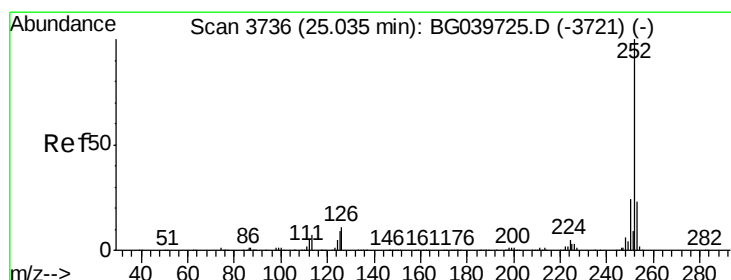
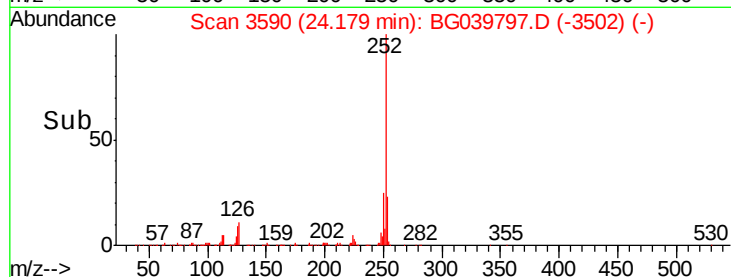
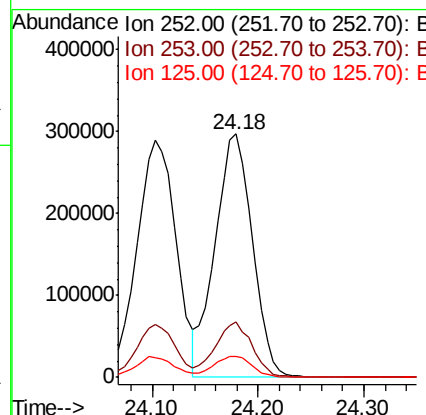
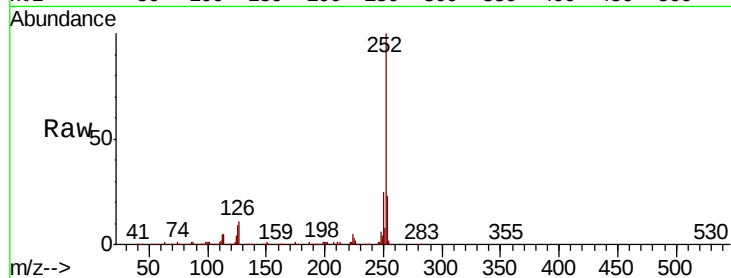




#89
Benzo(k)fluoranthene
Concen: 39.176 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

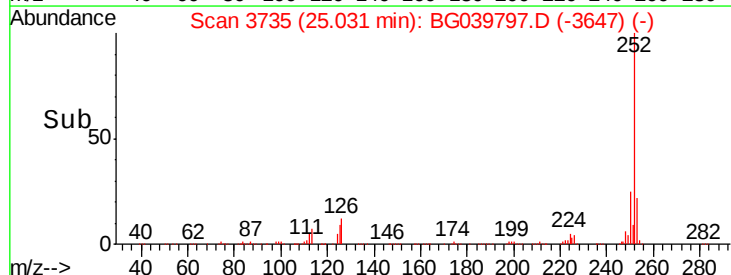
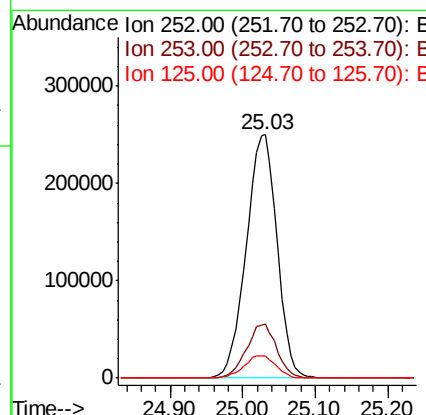
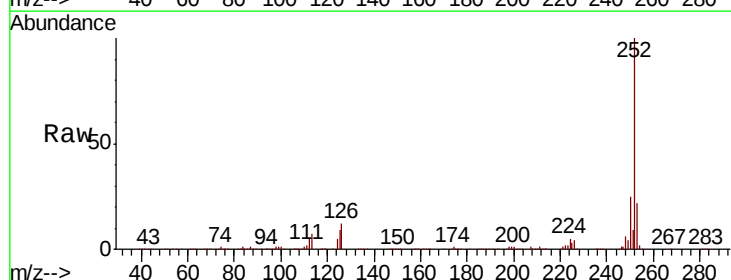
Instrument :
BNA_G
ClientSampleId :
PB117669BS

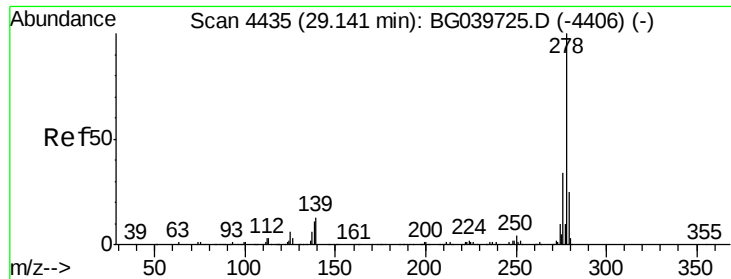
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.7	7.4	11.2



#90
Benzo(a)pyrene
Concen: 39.999 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	8.9	8.3	12.5

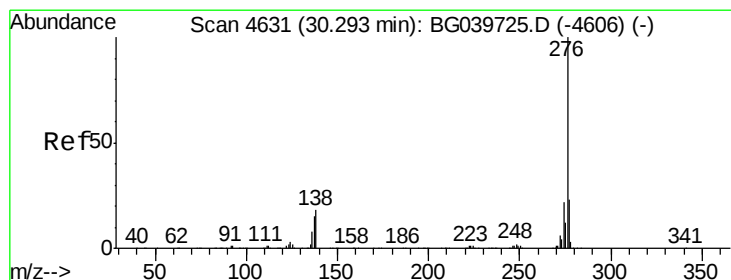
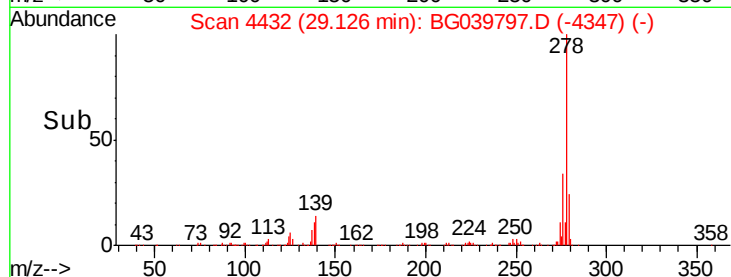
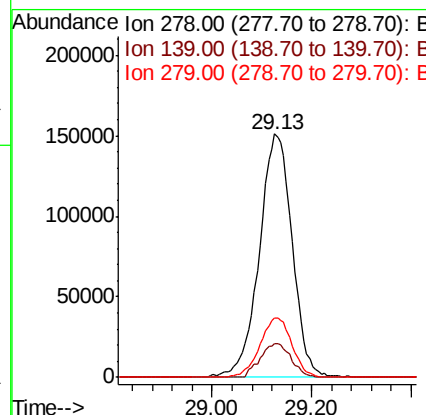
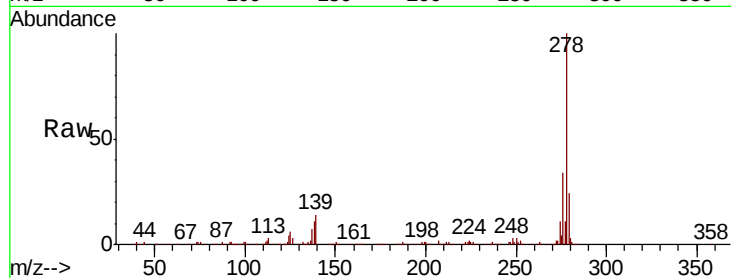




#91
Dibenzo(a,h)anthracene
Concen: 38.231 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.7	17.5
279	24.5	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 39.054 ng
RT: 30.28 min Scan# 4629
Delta R.T. -0.03 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	17.8	14.7	22.1

