

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
 Data File : BG039802.D
 Acq On : 7 Mar 2019 14:53
 Operator : JU/SJ
 Sample : PB117686BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Quant Time: Mar 07 23:51:08 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	42487	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	191092	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	136347	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	338020	20.00	ng	0.00
76) Chrysene-d12	21.82	240	332093	20.00	ng	-0.01
87) Perylene-d12	25.18	264	318682	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	361607	145.20	ng	-0.01
7) Phenol-d6	7.30	99	510475	137.47	ng	-0.01
23) Nitrobenzene-d5	9.33	82	273347	77.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	214139	134.74	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	684322	71.46	ng	-0.01
79) Terphenyl-d14	20.12	244	1126735	74.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	40401	35.138	ng	96
3) Pyridine	3.99	79	98330	31.945	ng	96
4) n-Nitrosodimethylamine	3.91	42	56047	38.382	ng	92
6) Aniline	7.48	93	140836	28.949	ng	99
8) 2-Chlorophenol	7.72	128	129164	42.750	ng	93
9) Benzaldehyde	7.29	77	79792	33.311	ng	93
10) Phenol	7.33	94	176196	43.800	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	117725	37.535	ng	98
12) 1,3-Dichlorobenzene	8.04	146	127631	37.351	ng	97
13) 1,4-Dichlorobenzene	8.19	146	130915	37.613	ng	99
14) 1,2-Dichlorobenzene	8.51	146	126066	37.487	ng	98
15) Benzyl Alcohol	8.39	79	120585	40.937	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	231546	36.912	ng	99
17) 2-Methylphenol	8.59	107	114210	44.525	ng	97
18) Hexachloroethane	9.24	117	45982	36.818	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	99958	37.398	ng	93
20) 3+4-Methylphenols	8.92	107	155241	43.565	ng	99
22) Acetophenone	8.98	105	188049	36.665	ng	# 95
24) Nitrobenzene	9.37	77	146241	39.454	ng	95
25) Isophorone	9.89	82	283200	38.253	ng	99
26) 2-Nitrophenol	10.09	139	74074	41.391	ng	95
27) 2,4-Dimethylphenol	10.13	122	136021	48.870	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	170247	37.841	ng	96
29) 2,4-Dichlorophenol	10.61	162	142563	45.493	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	140041	39.713	ng	98
31) Naphthalene	11.03	128	396365	39.176	ng	99
32) Benzoic acid	10.26	122	82001	43.608	ng	94
33) 4-Chloroaniline	11.14	127	105520	24.595	ng	99
34) Hexachlorobutadiene	11.29	225	89322	37.068	ng	95
35) Caprolactam	11.92	113	34088	28.476	ng	# 88
36) 4-Chloro-3-methylphenol	12.24	107	155314	43.235	ng	96
37) 2-Methylnaphthalene	12.62	142	305577	40.398	ng	99
38) 1-Methylnaphthalene	12.84	142	291742	39.688	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	170208	36.849	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	209724	84.724	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	119571	44.216	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	130317	42.752	ng	98
46) 1,1'-Biphenyl	13.62	154	423048	37.724	ng	98
47) 2-Chloronaphthalene	13.66	162	329519	39.059	ng	99
48) 2-Nitroaniline	13.87	65	113352	41.809	ng	93
49) Acenaphthylene	14.51	152	520929	37.614	ng	98
50) Dimethylphthalate	14.23	163	441671	38.739	ng	100
51) 2,6-Dinitrotoluene	14.36	165	99835	41.305	ng	94
52) Acenaphthene	14.84	154	315519	37.852	ng	98
53) 3-Nitroaniline	14.69	138	71539	29.445	ng	# 95
54) 2,4-Dinitrophenol	14.90	184	101825	67.671	ng	92
55) Dibenzofuran	15.18	168	524873	38.379	ng	99
56) 4-Nitrophenol	14.99	139	176337	81.133	ng	87
57) 2,4-Dinitrotoluene	15.14	165	141742	41.736	ng	# 89
58) Fluorene	15.82	166	422793	39.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	132716	44.581	ng	98
60) Diethylphthalate	15.58	149	453116	40.147	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	226451	39.471	ng	98
62) 4-Nitroaniline	15.86	138	105154	39.922	ng	95
63) Azobenzene	16.11	77	403318	39.422	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	79490	39.773	ng	96
66) n-Nitrosodiphenylamine	16.03	169	388585	39.709	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	145227	38.383	ng	95
68) Hexachlorobenzene	16.82	284	153028	39.019	ng	97
69) Atrazine	16.96	200	156894	40.738	ng	95
70) Pentachlorophenol	17.16	266	192644	77.776	ng	99
71) Phenanthrene	17.57	178	715311	38.419	ng	99
72) Anthracene	17.66	178	724451	39.929	ng	99
73) Carbazole	17.93	167	633379	38.723	ng	100
74) Di-n-butylphthalate	18.46	149	784407	40.760	ng	100
75) Fluoranthene	19.57	202	854412	38.830	ng	99
77) Benzidine	19.75	184	354433	33.633	ng	97
78) Pyrene	19.93	202	829389	38.434	ng	99
80) Butylbenzylphthalate	20.80	149	355665	42.541	ng	94
81) Benzo(a)anthracene	21.79	228	792051	38.055	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	210911	27.756	ng	99
83) Chrysene	21.86	228	762382	37.783	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	494867	42.122	ng	100
85) Di-n-octyl phthalate	22.91	149	848231	43.604	ng	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	909460	39.730	ng	99
88) Benzo(b)fluoranthene	24.11	252	806057	42.416	ng	98
89) Benzo(k)fluoranthene	24.18	252	756352	42.757	ng	100
90) Benzo(a)pyrene	25.02	252	767644	43.714	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	735682	42.734	ng	97
92) Benzo(g,h,i)perylene	30.28	276	747572	43.237	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.02 min

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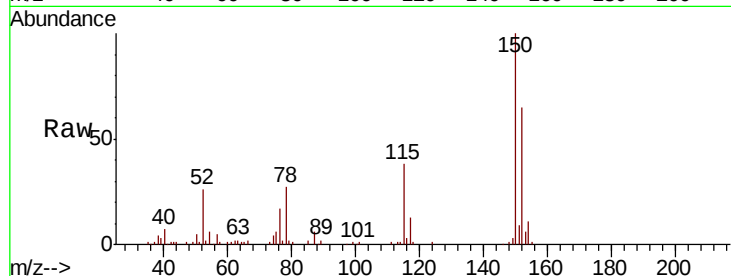
Tgt Ion:152 Resp: 42487

Ion Ratio Lower Upper

152 100

150 154.0 123.7 185.5

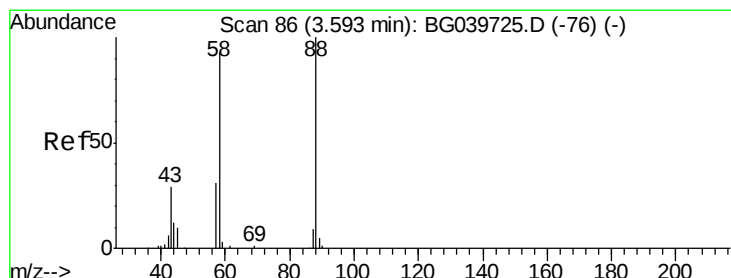
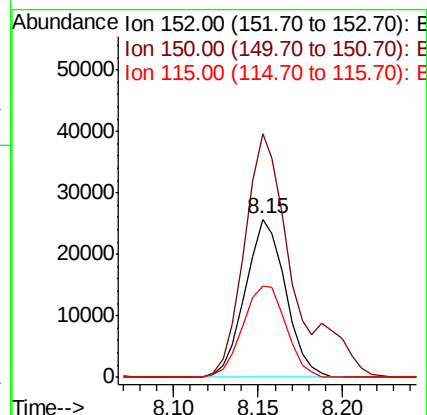
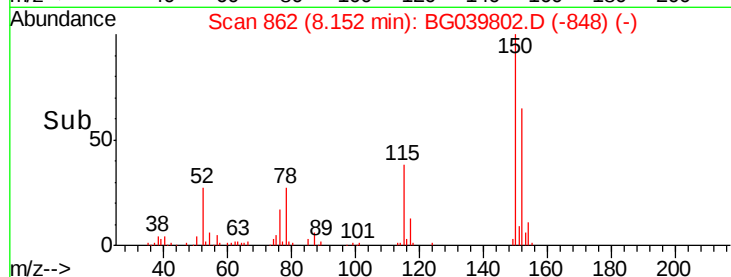
115 58.0 45.9 68.9



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: 35.138 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

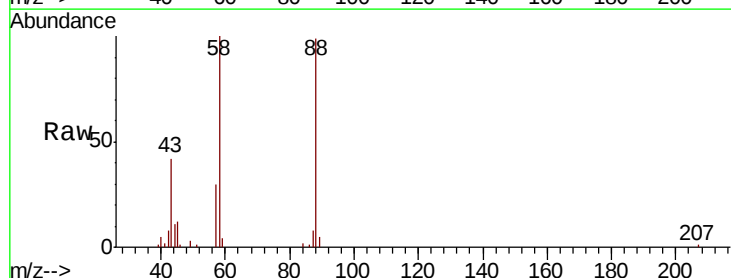
Tgt Ion: 88 Resp: 40401

Ion Ratio Lower Upper

88 100

58 97.6 81.1 121.7

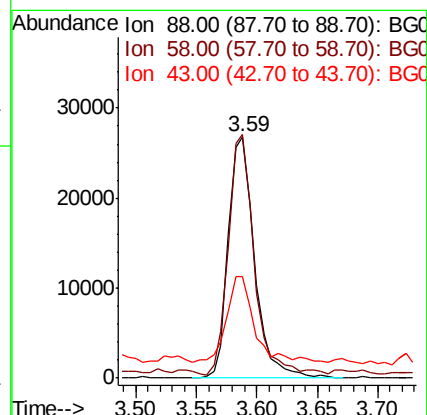
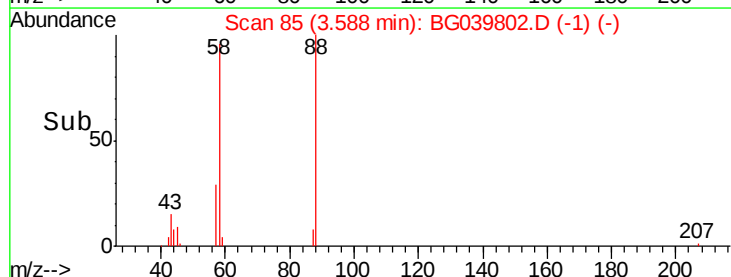
43 37.0 31.4 47.0



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: 31.945 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

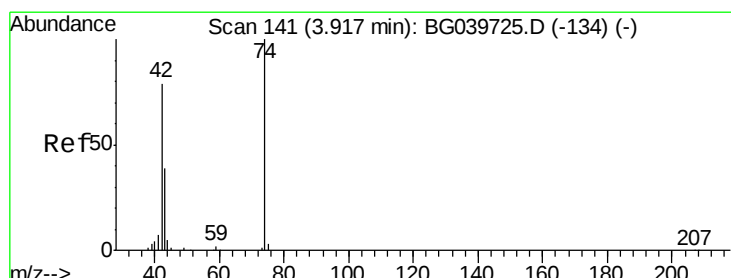
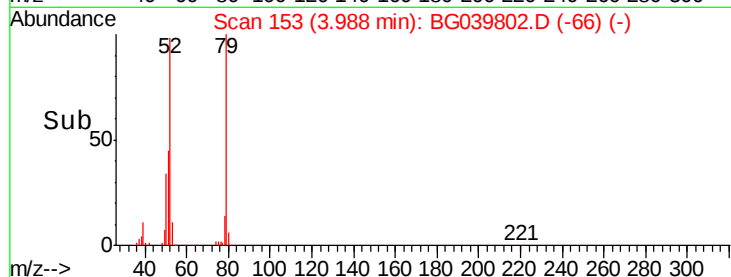
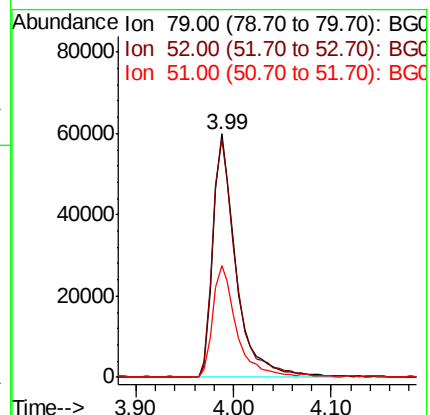
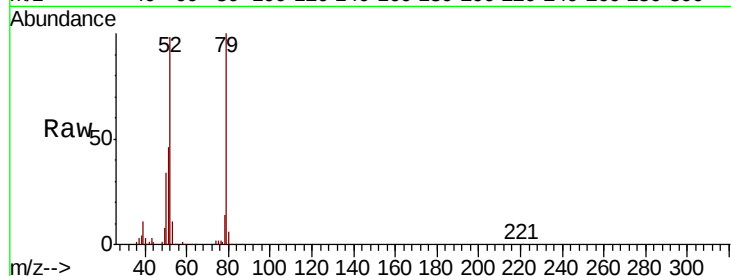
Tgt Ion: 79 Resp: 98330

Ion Ratio Lower Upper

79 100

52 98.1 82.6 124.0

51 46.0 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.382 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

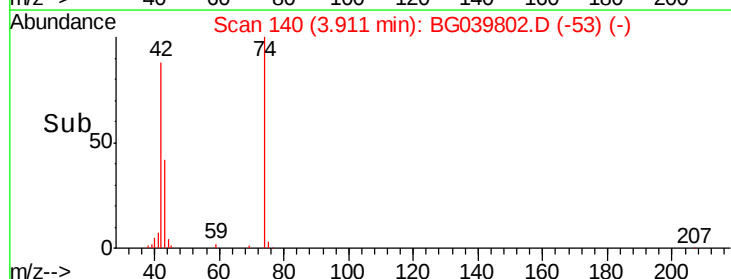
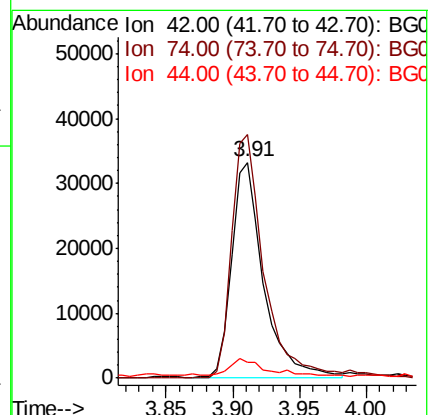
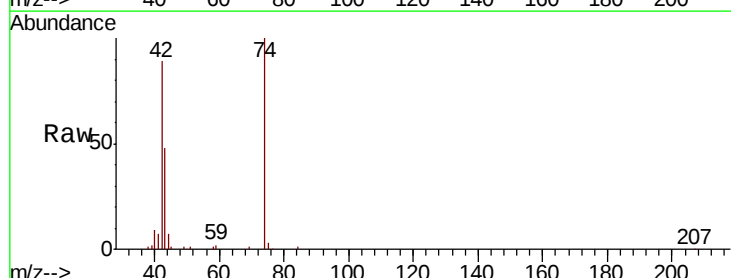
Tgt Ion: 42 Resp: 56047

Ion Ratio Lower Upper

42 100

74 113.0 83.6 125.4

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 145.198 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

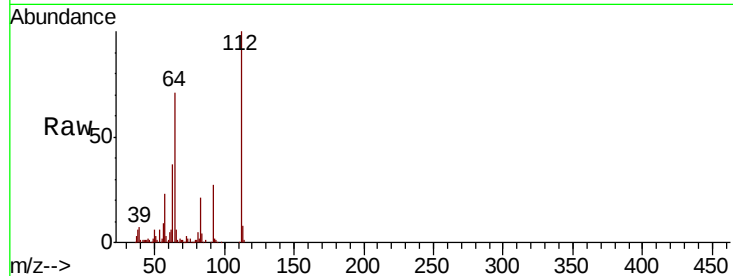
Tgt Ion:112 Resp: 361607

Ion Ratio Lower Upper

112 100

64 71.1 57.8 86.8

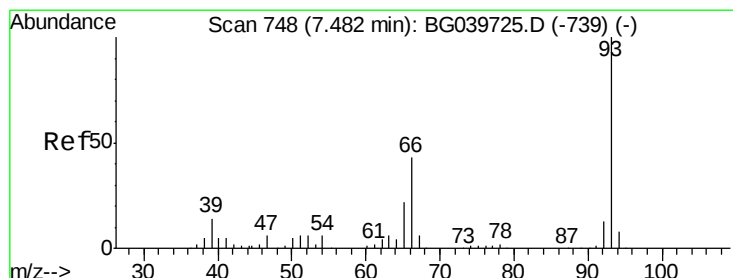
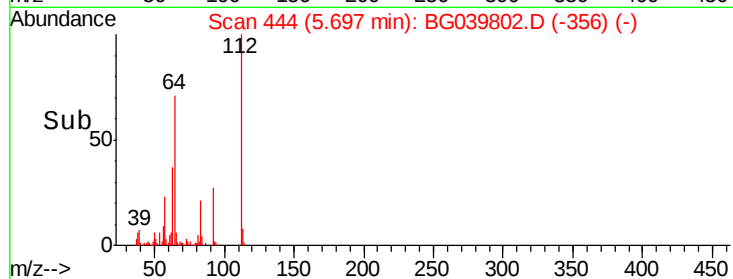
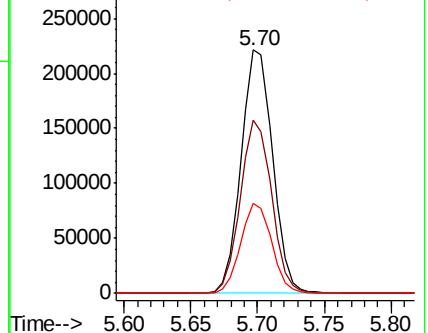
63 36.8 29.8 44.6



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: 28.949 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

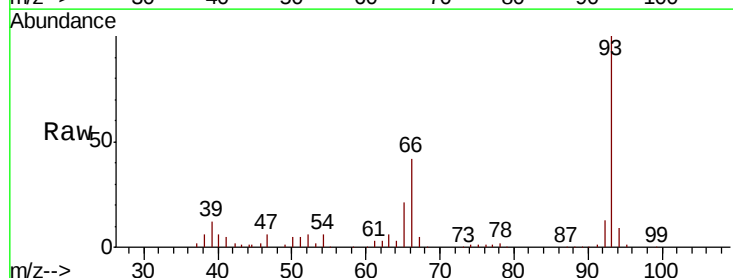
Tgt Ion: 93 Resp: 140836

Ion Ratio Lower Upper

93 100

66 42.0 34.2 51.4

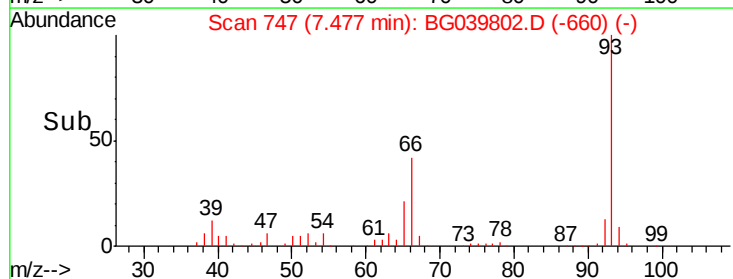
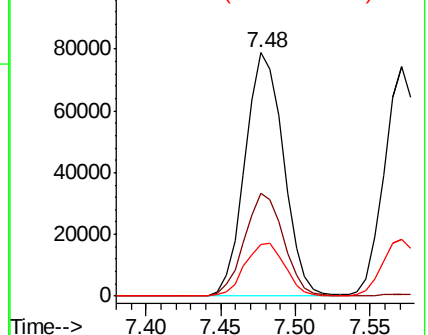
65 21.1 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.469 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

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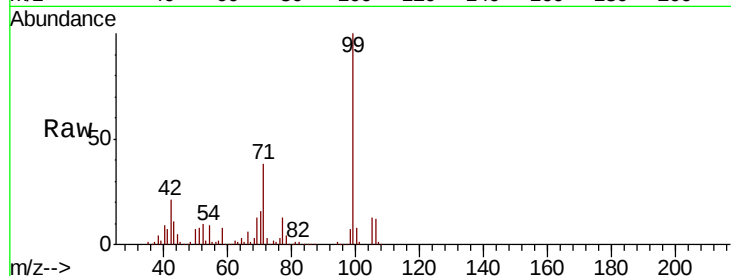
Tgt Ion: 99 Resp: 510475

Ion Ratio Lower Upper

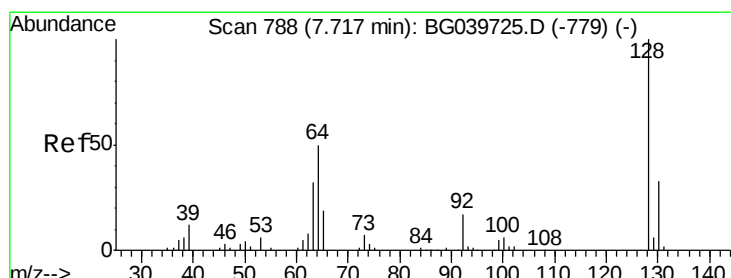
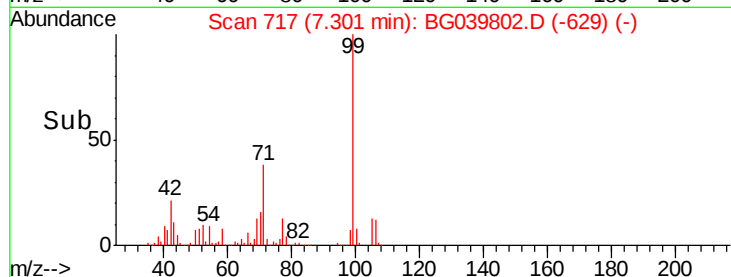
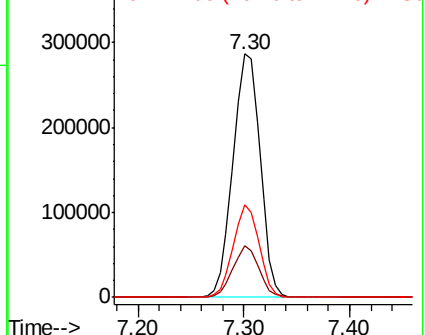
99 100

42 21.1 18.2 27.2

71 38.1 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: 42.750 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

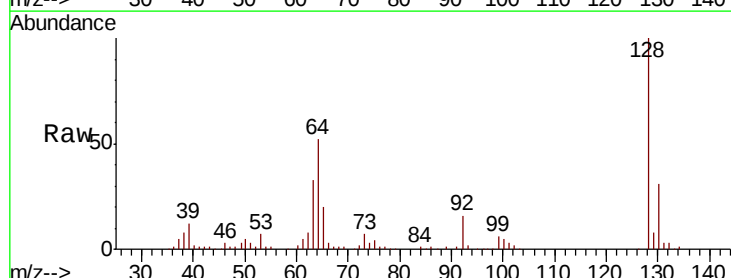
Tgt Ion: 128 Resp: 129164

Ion Ratio Lower Upper

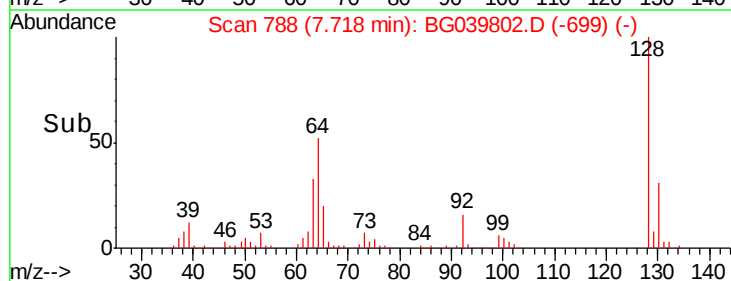
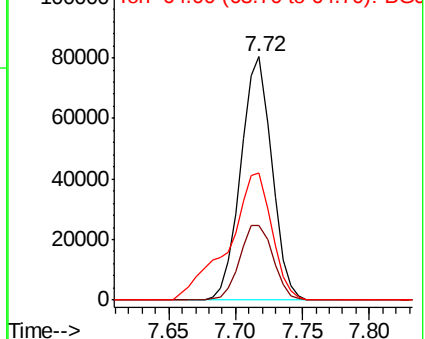
128 100

130 30.7 12.9 52.9

64 52.1 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: 33.311 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

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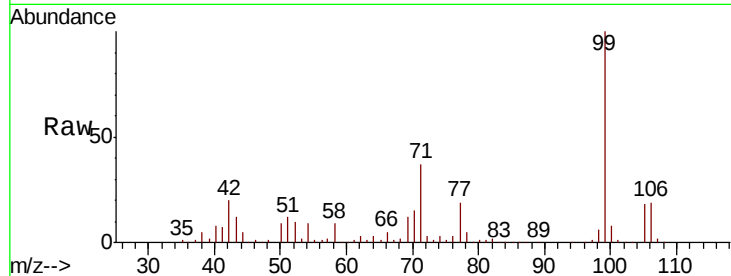
Tgt Ion: 77 Resp: 79792

Ion Ratio Lower Upper

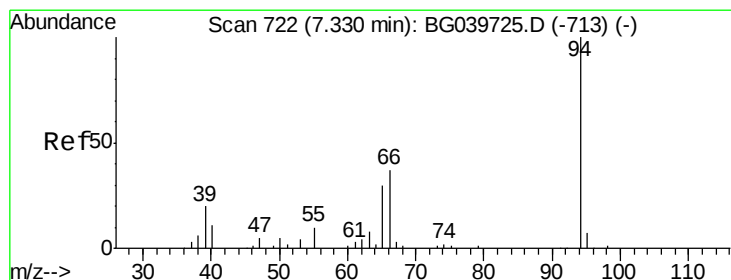
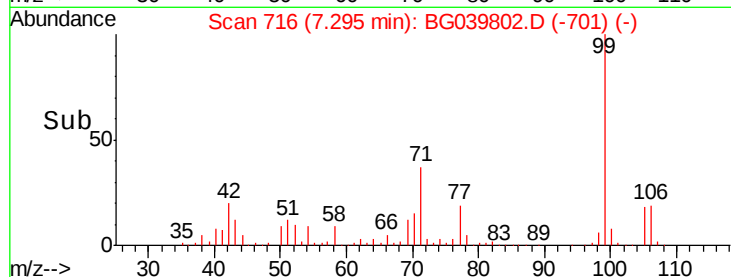
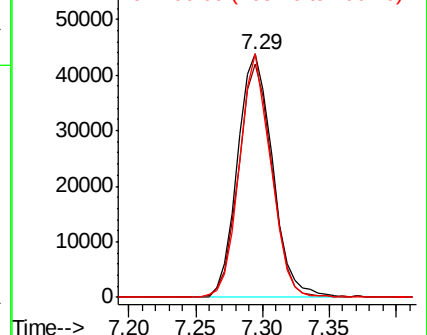
77 100

105 96.1 74.5 114.5

106 100.0 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: 43.800 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

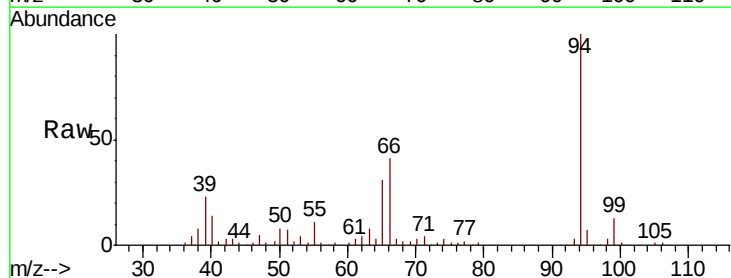
Tgt Ion: 94 Resp: 176196

Ion Ratio Lower Upper

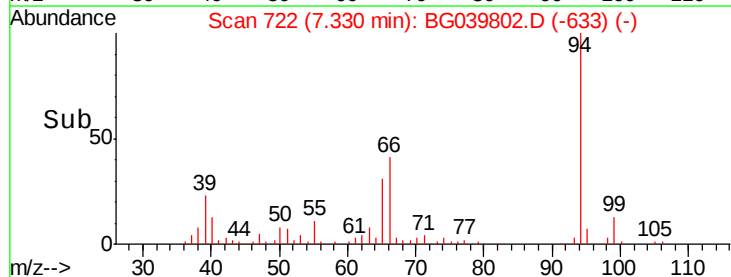
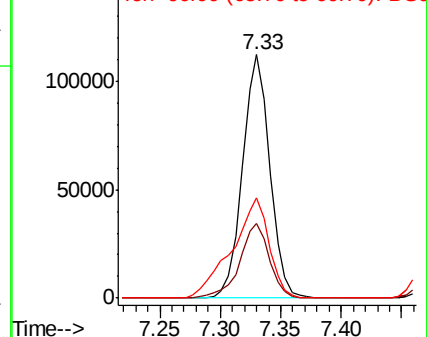
94 100

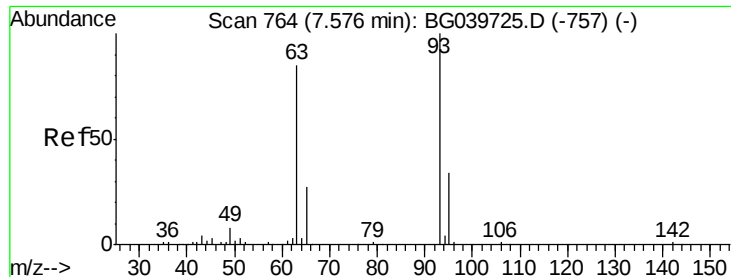
65 30.8 11.7 51.7

66 41.3 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

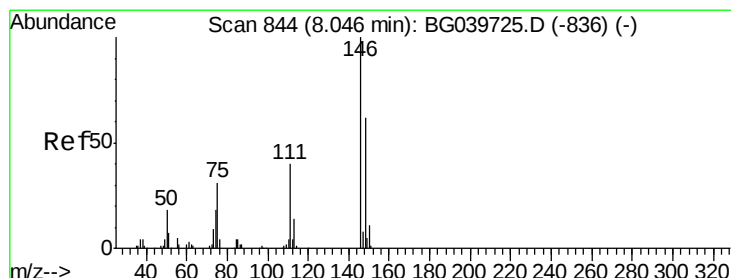
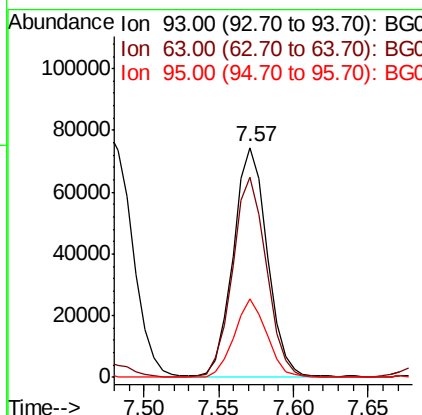
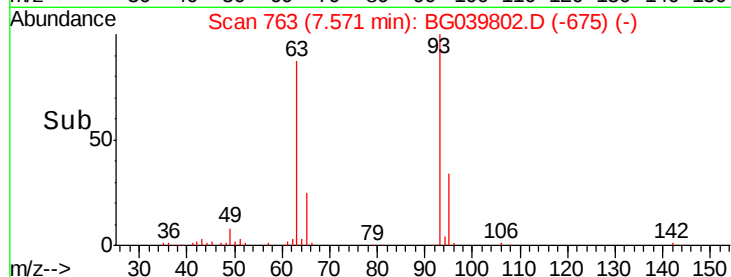
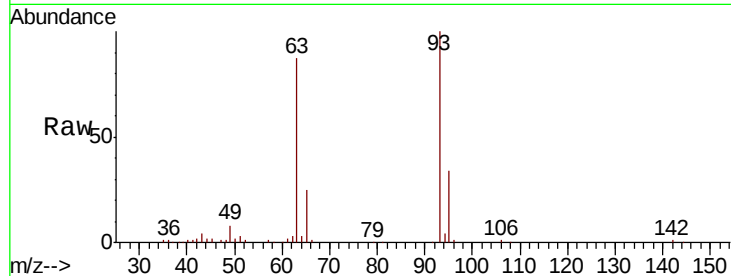




#11
 bis(2-Chloroethyl)ether
 Concen: 37.535 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

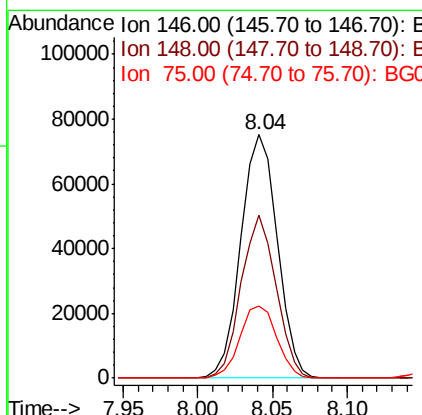
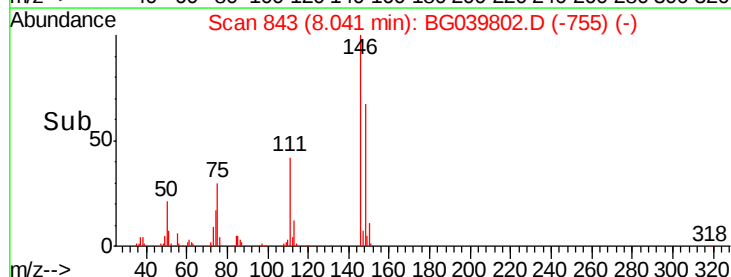
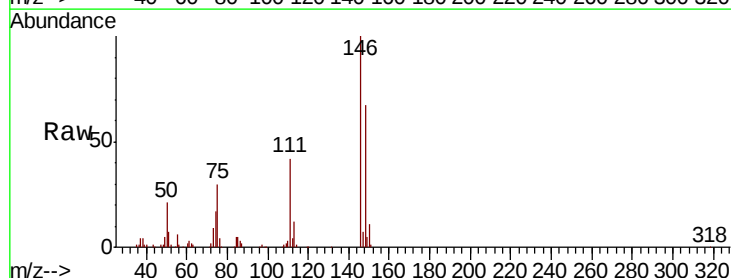
Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

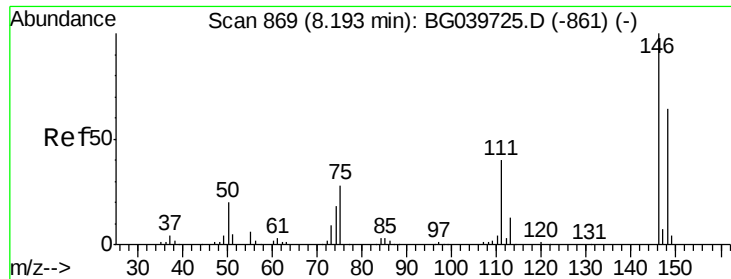
Tgt Ion: 93 Resp: 117725
 Ion Ratio Lower Upper
 93 100
 63 87.2 69.5 109.5
 95 34.0 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 37.351 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion: 146 Resp: 127631
 Ion Ratio Lower Upper
 146 100
 148 67.0 52.6 79.0
 75 29.5 25.8 38.6

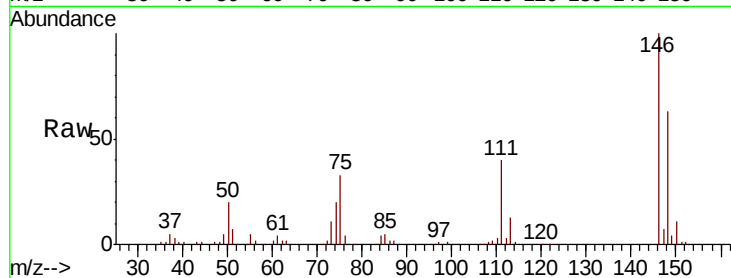




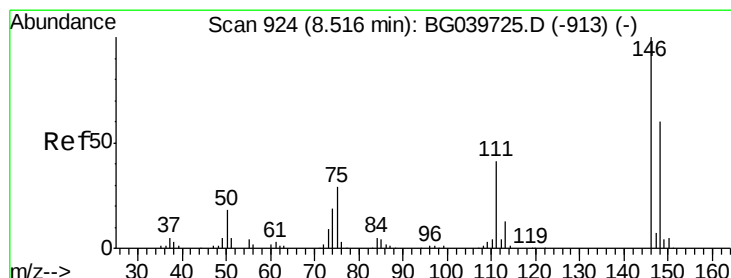
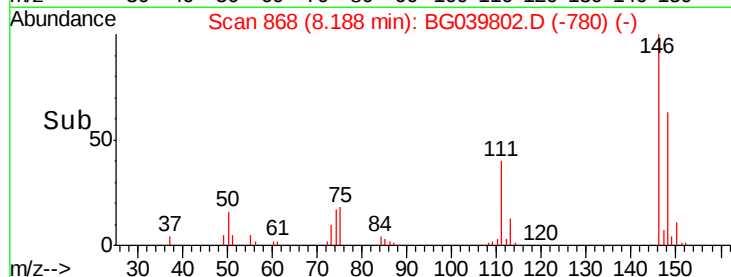
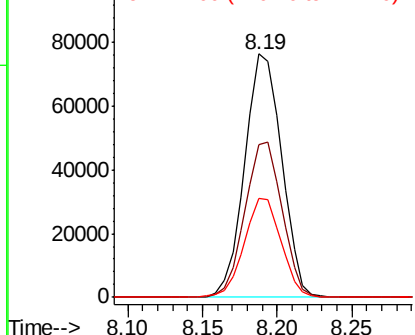
#13
 1,4-Dichlorobenzene
 Concen: 37.613 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Tgt Ion:146 Resp: 130915
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 40.4 32.6 48.8

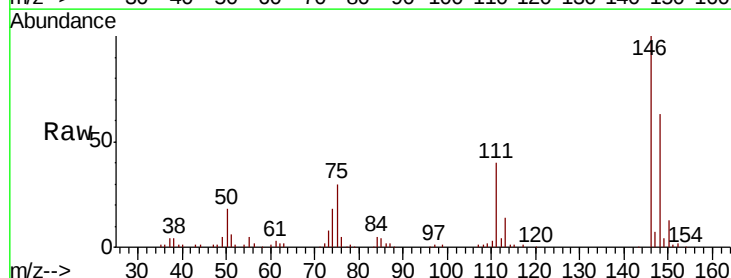


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

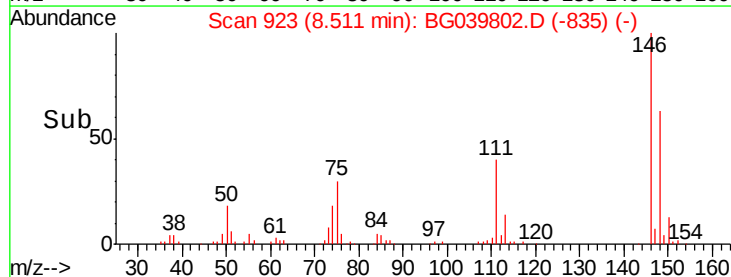
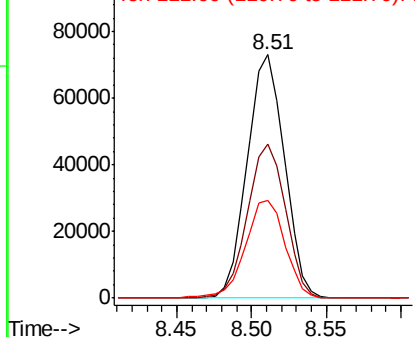


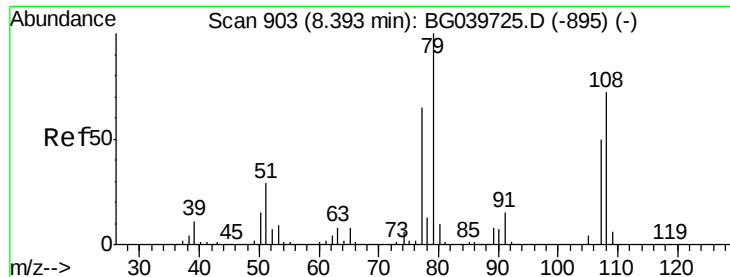
#14
 1,2-Dichlorobenzene
 Concen: 37.487 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion:146 Resp: 126066
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.5 77.3
 111 40.3 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.937 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

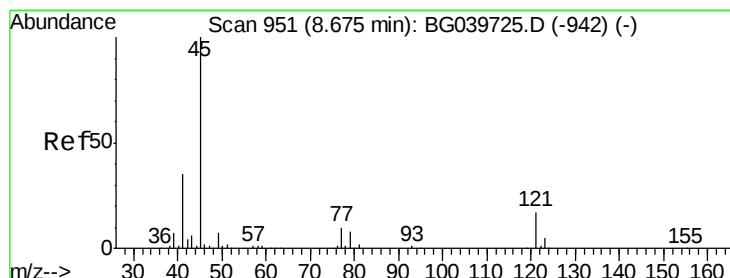
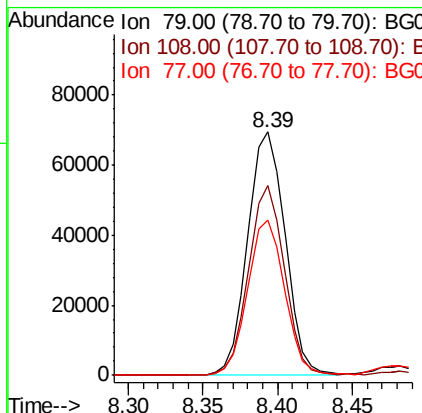
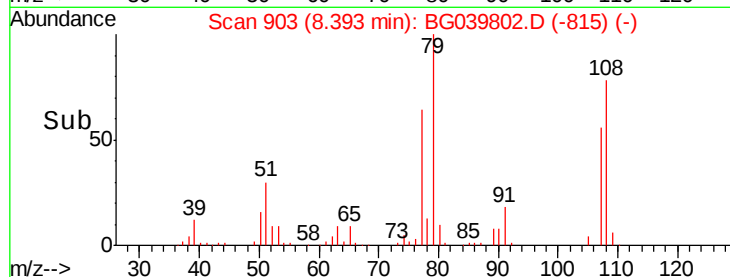
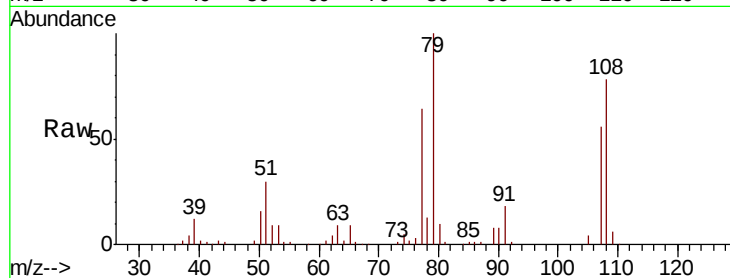
Tgt Ion: 79 Resp: 120585

Ion Ratio Lower Upper

79 100

108 77.8 57.8 86.6

77 63.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.912 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

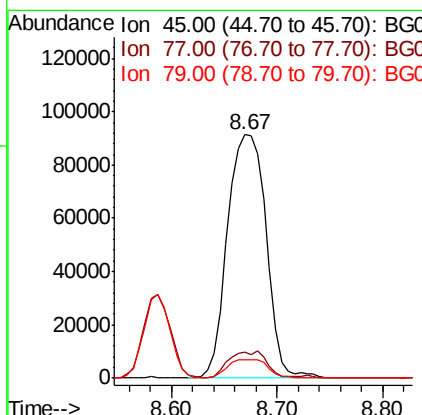
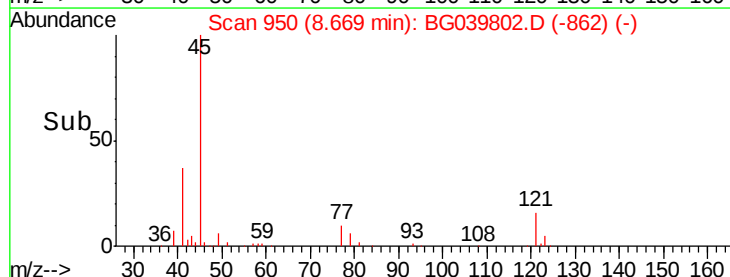
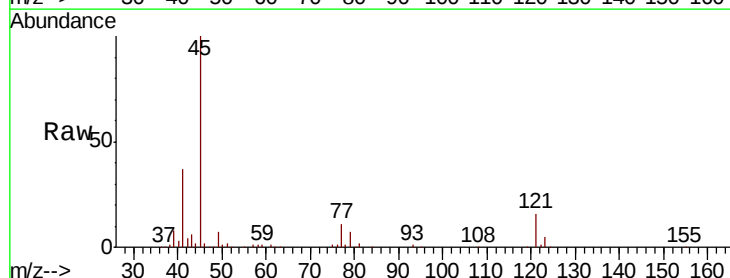
Tgt Ion: 45 Resp: 231546

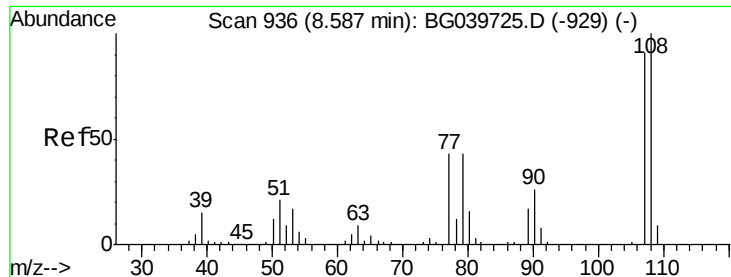
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.0

79 7.4 0.0 27.5

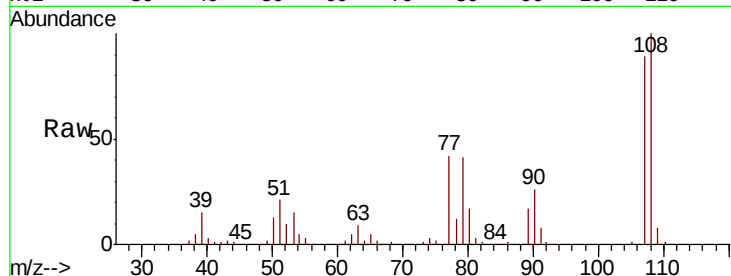




#17
2-Methylphenol
Concen: 44.525 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion:	107	Resp:	114210
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.8	136.2
77	46.8	40.7	61.1
79	46.4	40.6	60.8



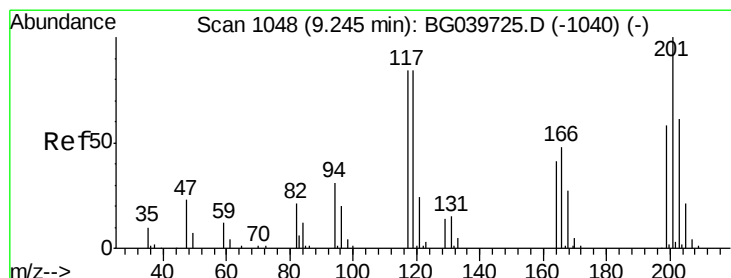
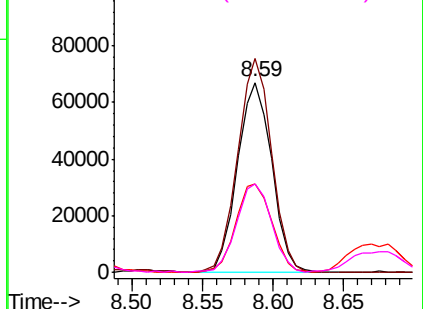
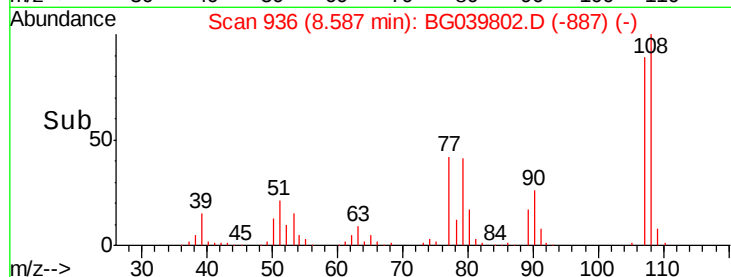
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

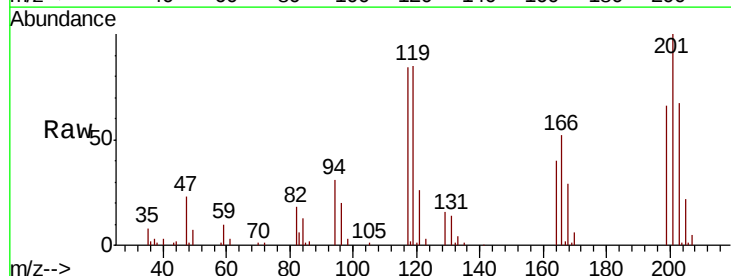
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 36.818 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:	117	Resp:	45982
Ion	Ratio	Lower	Upper
117	100		
119	101.9	76.3	114.5
201	119.5	91.1	136.7

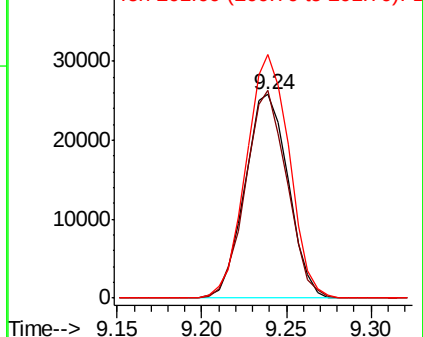
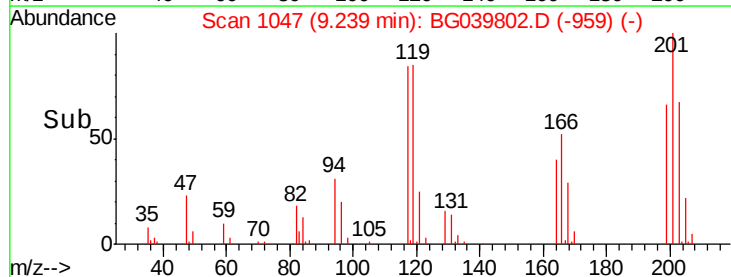


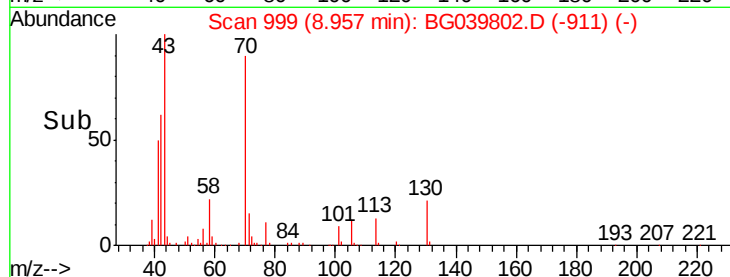
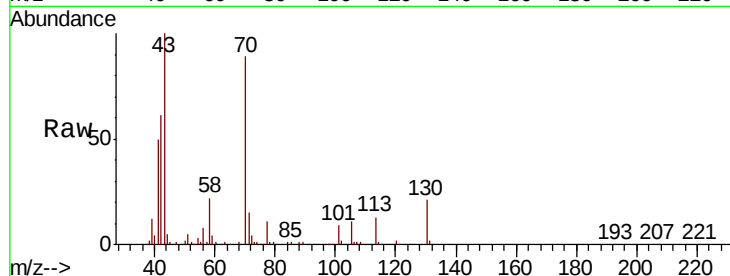
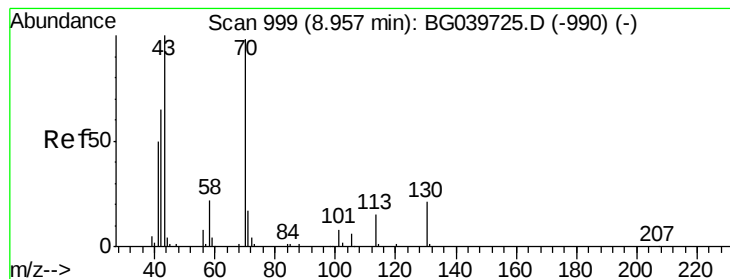
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.398 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

Tgt Ion: 70 Resp: 99958

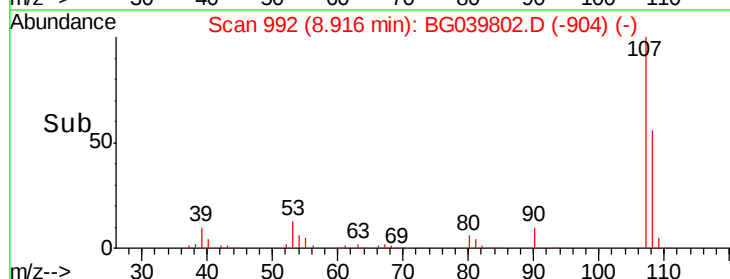
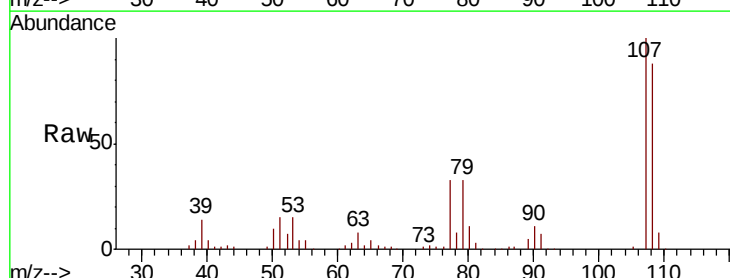
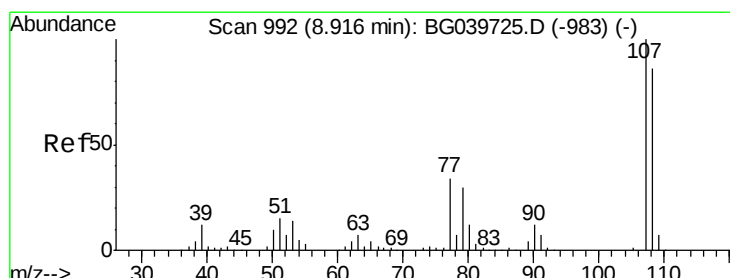
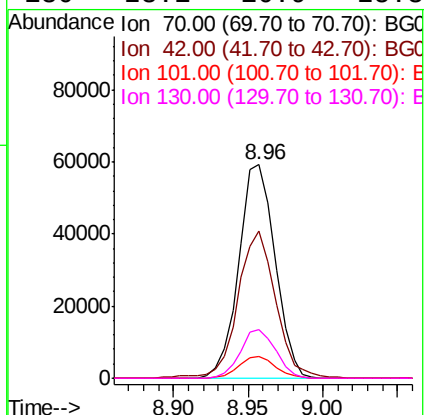
Ion Ratio Lower Upper

70 100

42 68.7 60.4 90.6

101 10.1 7.5 11.3

130 23.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 43.565 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion: 107 Resp: 155241

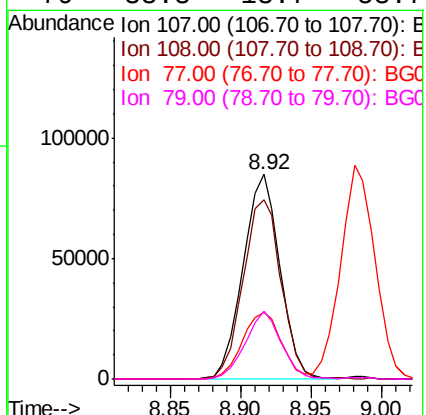
Ion Ratio Lower Upper

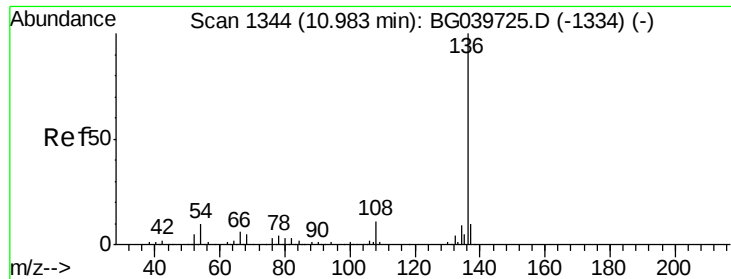
107 100

108 87.9 67.9 107.9

77 32.7 15.4 55.4

79 33.3 13.7 53.7

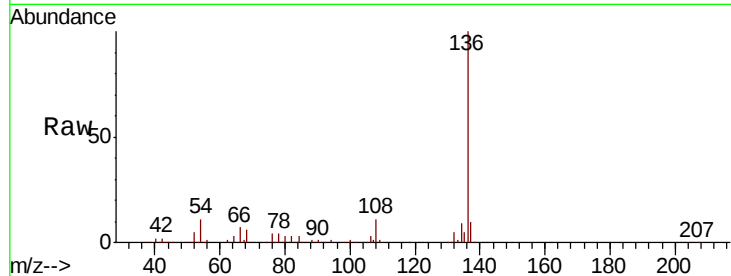




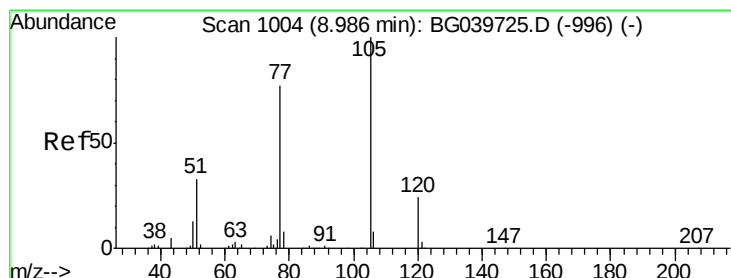
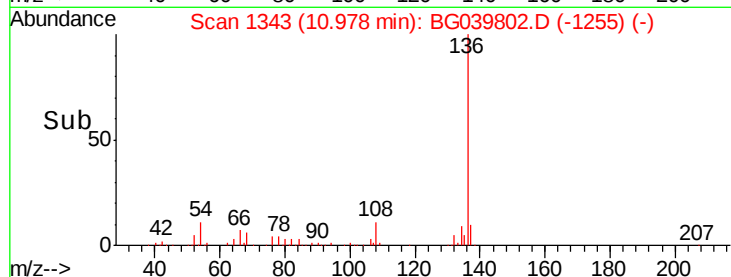
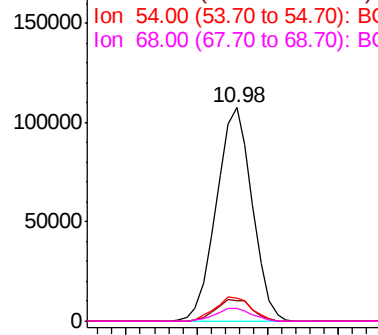
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion:	136	Resp:	191092
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.1	13.7
54	10.6	9.4	14.2
68	5.7	4.2	6.4

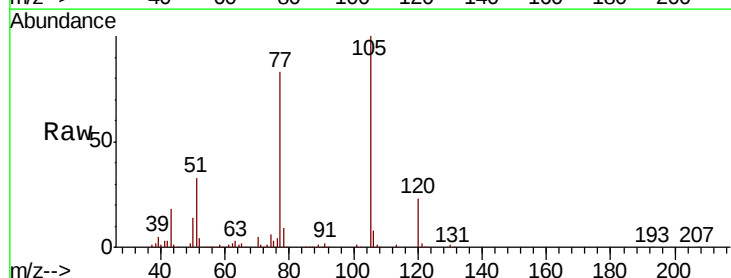


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

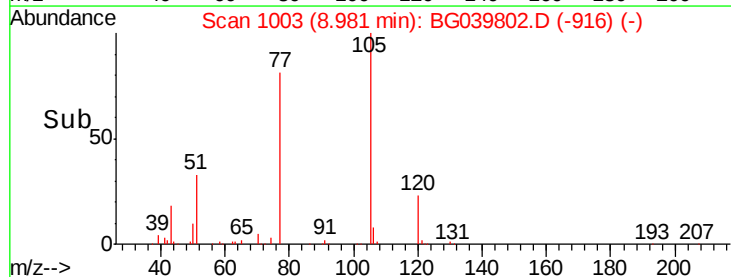
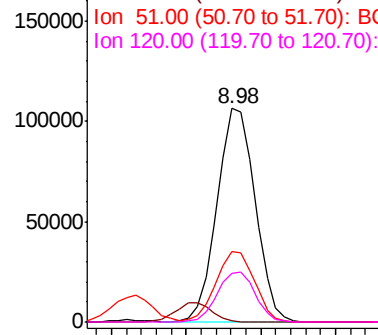


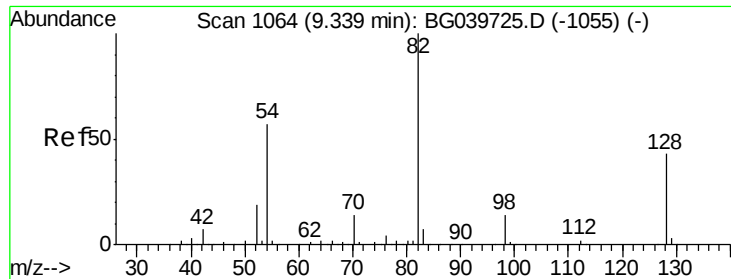
#22
Acetophenone
Concen: 36.665 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:	105	Resp:	188049
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.8	1.2#
51	33.2	30.2	45.2
120	22.5	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

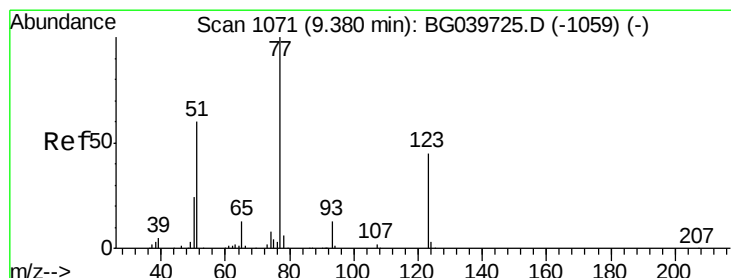
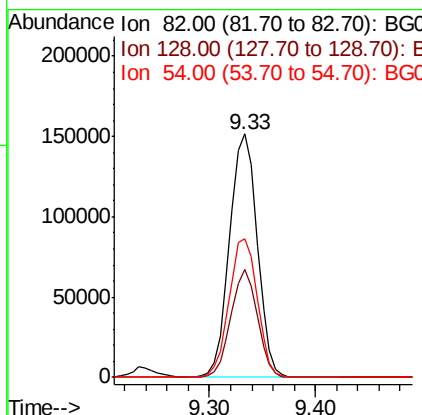
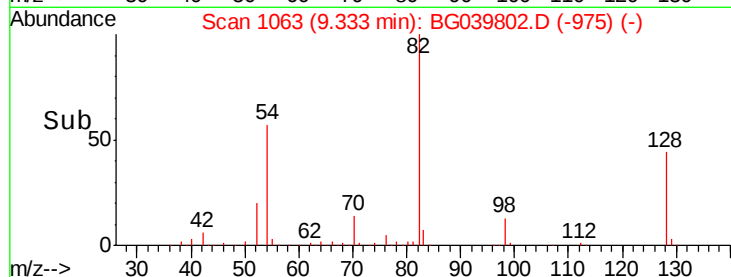
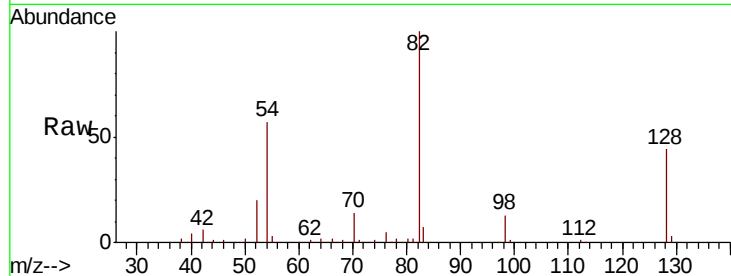




#23
Nitrobenzene-d5
Concen: 77.364 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

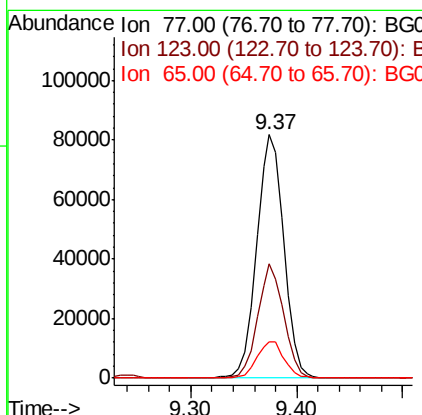
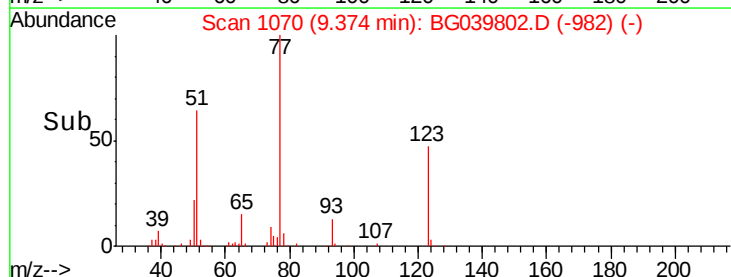
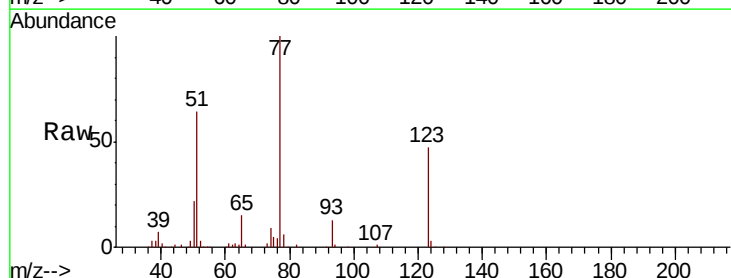
Instrument :
BNA_G
ClientSampleId :
PB117686BS

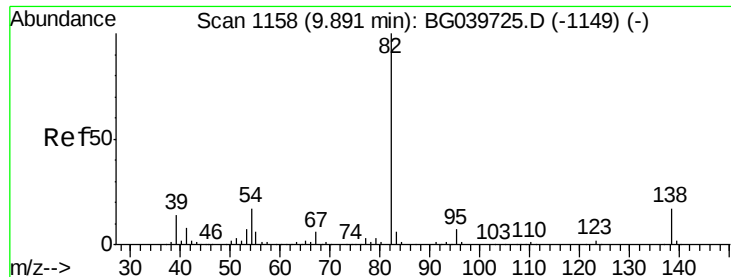
Tgt Ion: 82 Resp: 273347
Ion Ratio Lower Upper
82 100
128 44.1 31.3 46.9
54 57.2 50.9 76.3



#24
Nitrobenzene
Concen: 39.454 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion: 77 Resp: 146241
Ion Ratio Lower Upper
77 100
123 46.9 34.1 51.1
65 14.9 12.3 18.5

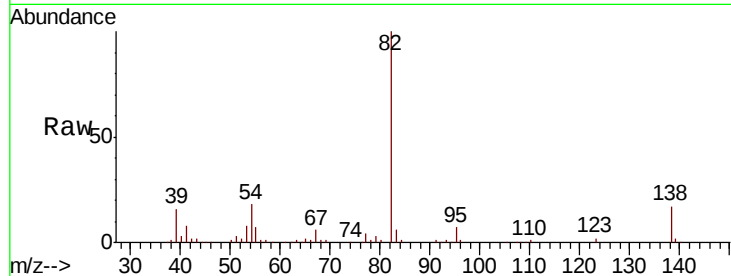




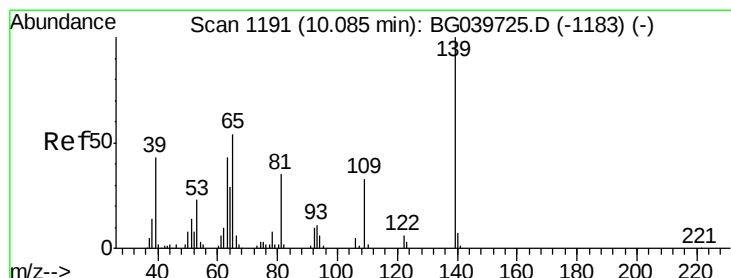
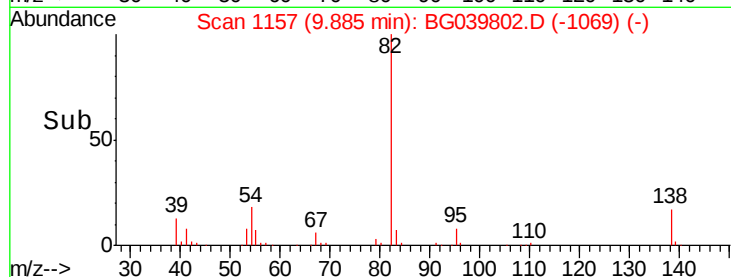
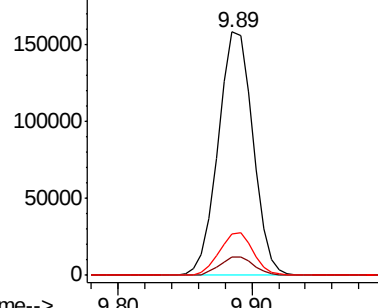
#25
Isophorone
Concen: 38.253 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion: 82 Resp: 283200
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 17.0 13.0 19.4

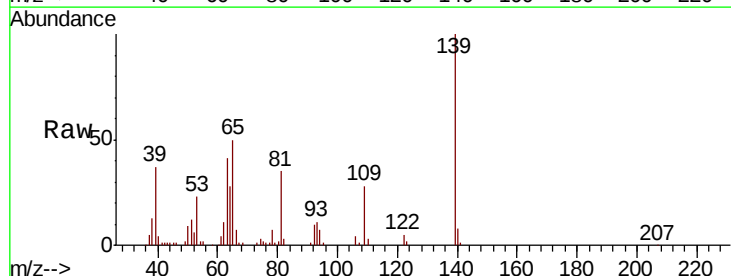


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

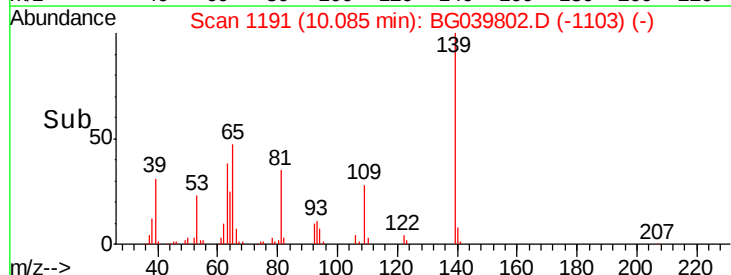
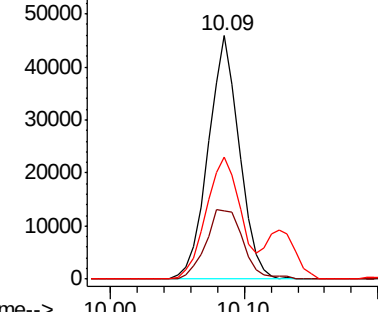


#26
2-Nitrophenol
Concen: 41.391 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion: 139 Resp: 74074
Ion Ratio Lower Upper
139 100
109 28.1 23.4 35.0
65 50.3 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

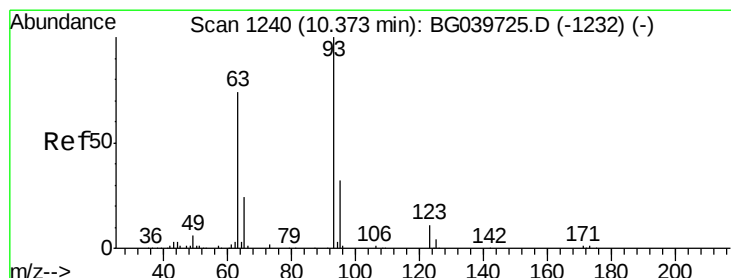
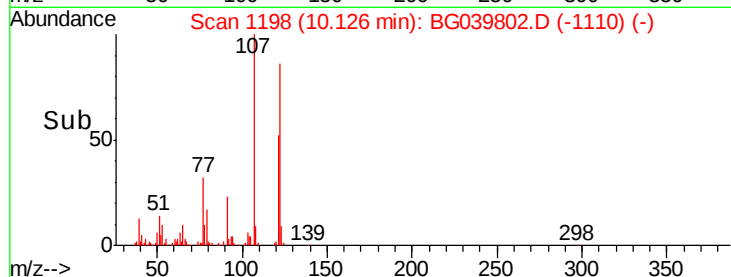
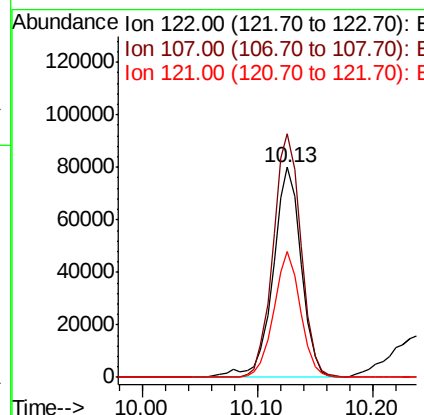
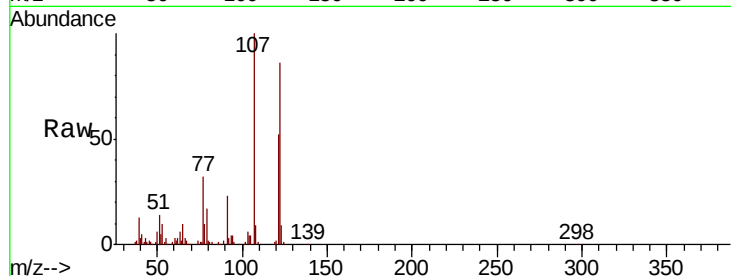




#27
 2,4-Dimethylphenol
 Concen: 48.870 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

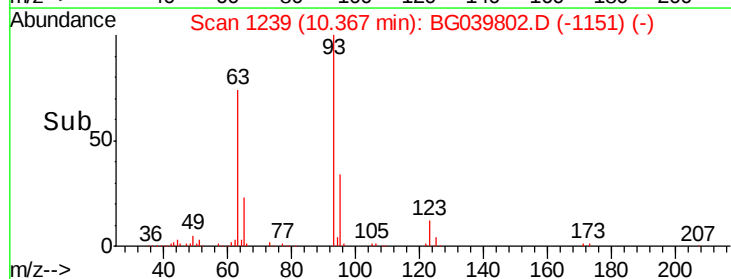
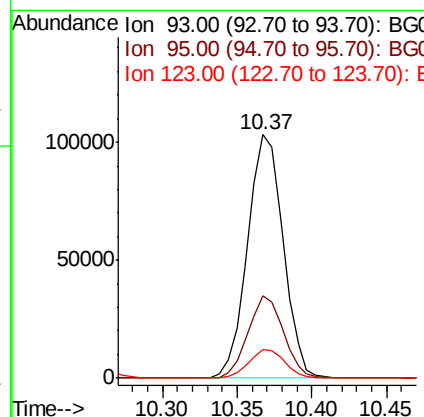
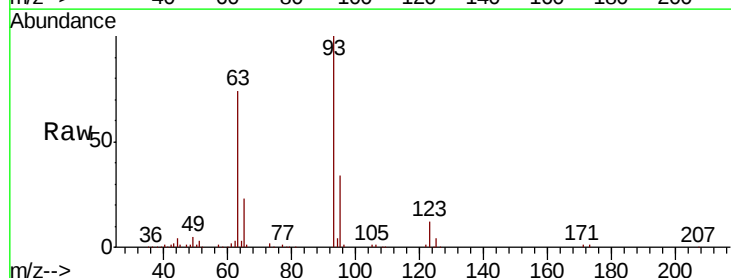
Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

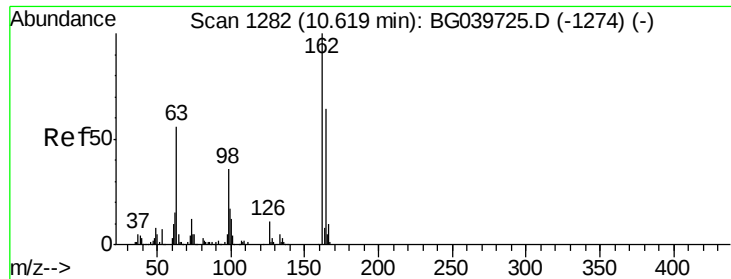
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.7	137.5
121	60.2	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.841 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.0	37.4
123	11.6	8.6	12.8

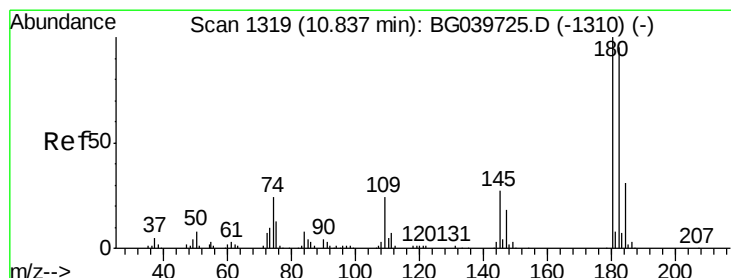
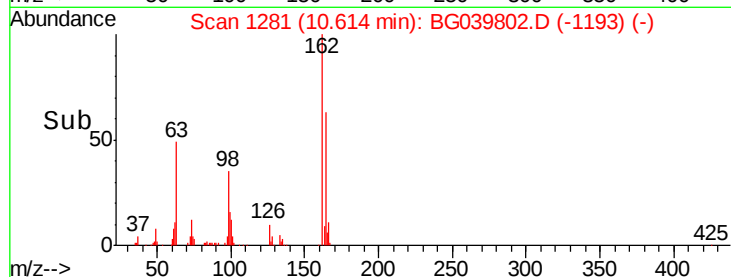
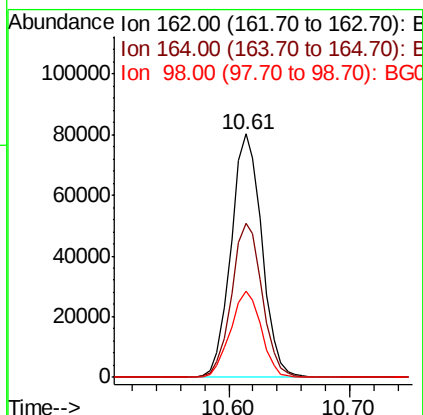
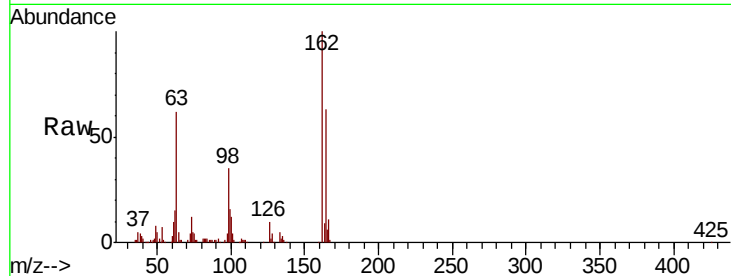




#29
2,4-Dichlorophenol
Concen: 45.493 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

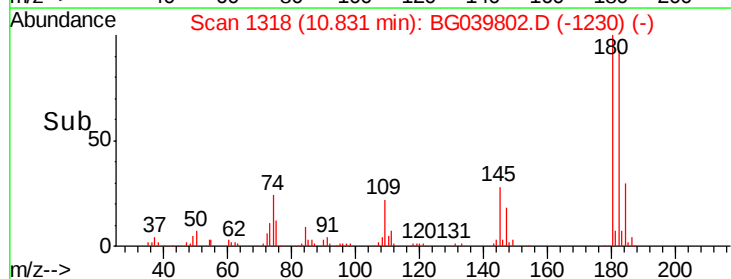
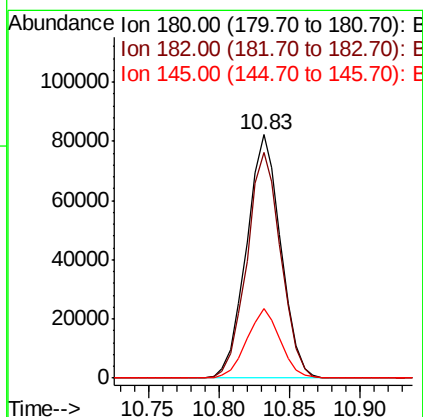
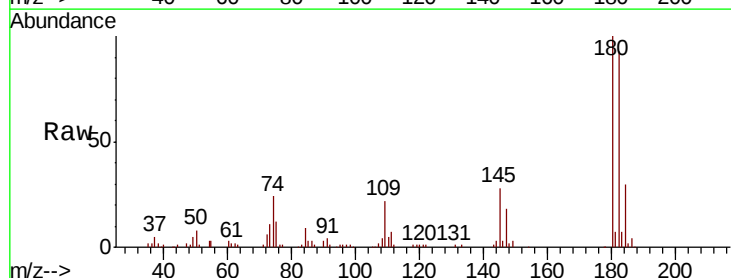
Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.1	88.1
98	35.5	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 39.713 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.0	114.0
145	28.3	22.7	34.1

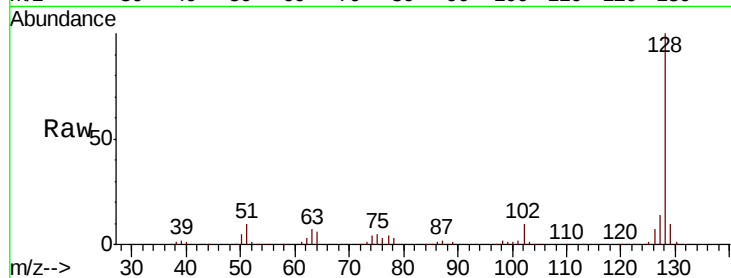




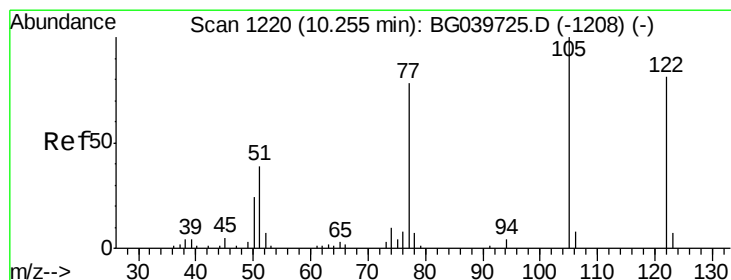
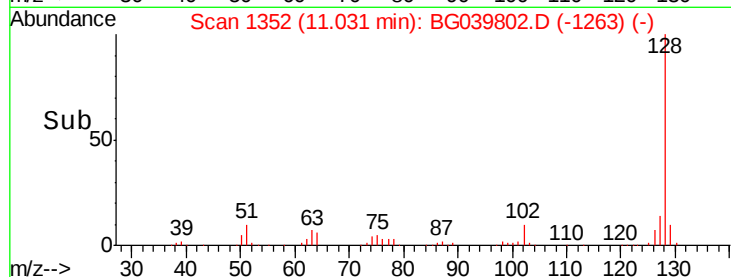
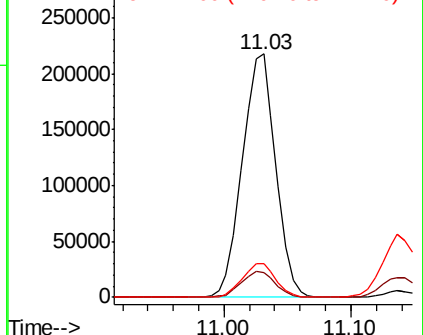
#31
Naphthalene
Concen: 39.176 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion:128 Resp: 396365
Ion Ratio Lower Upper
128 100
129 10.1 8.7 13.1
127 13.8 10.8 16.2

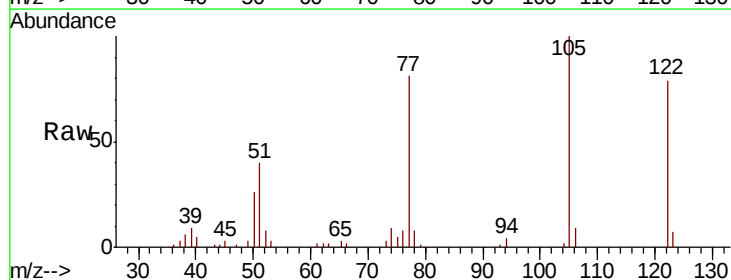


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

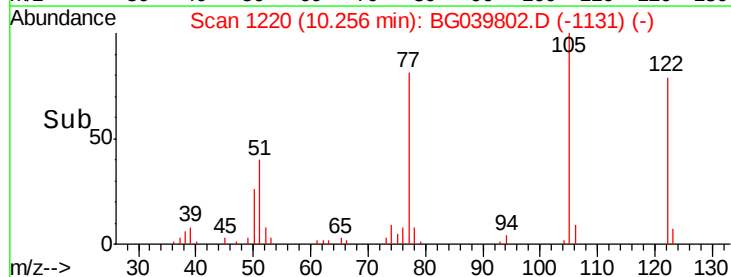
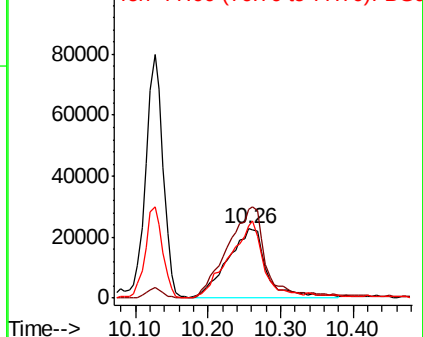


#32
Benzoic acid
Concen: 43.608 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:122 Resp: 82001
Ion Ratio Lower Upper
122 100
105 127.1 101.8 141.8
77 103.2 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

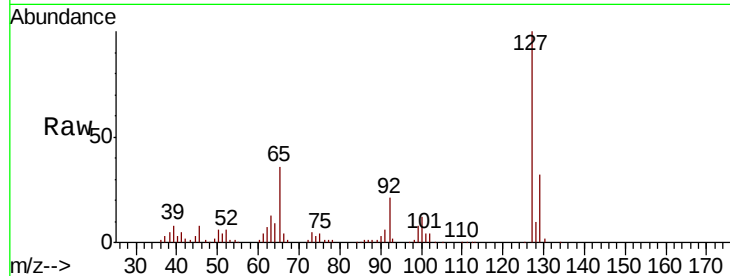




#33
4-Chloroaniline
Concen: 24.595 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion:	127	Resp:	105520
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.0	40.4
65	35.8	28.8	43.2
92	20.7	16.6	25.0



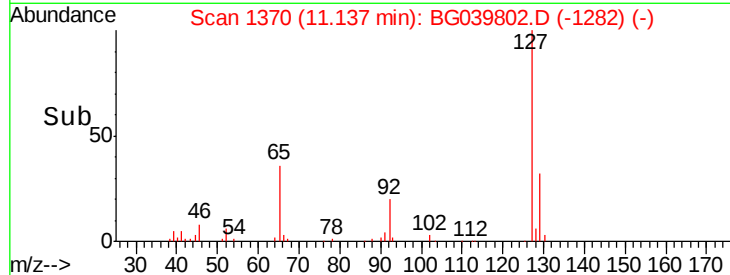
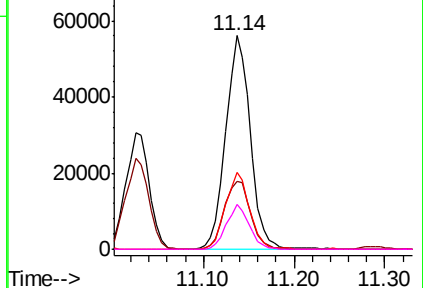
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

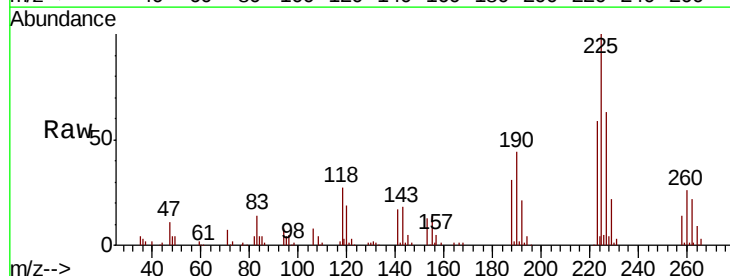
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.068 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:	225	Resp:	89322
Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.0	73.6
227	63.2	46.3	69.5

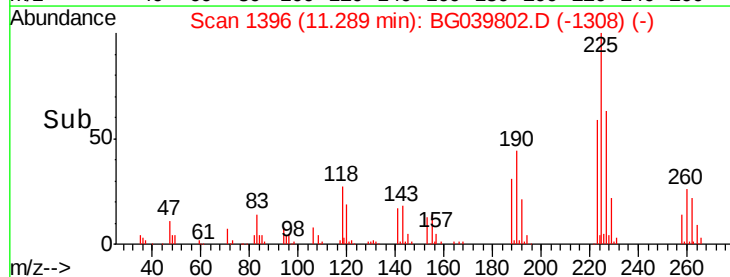
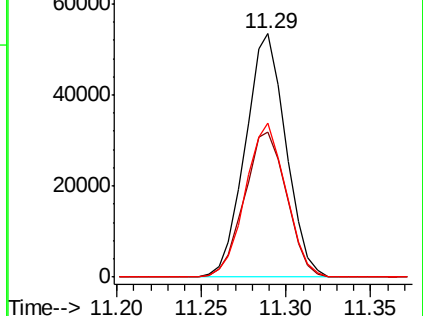


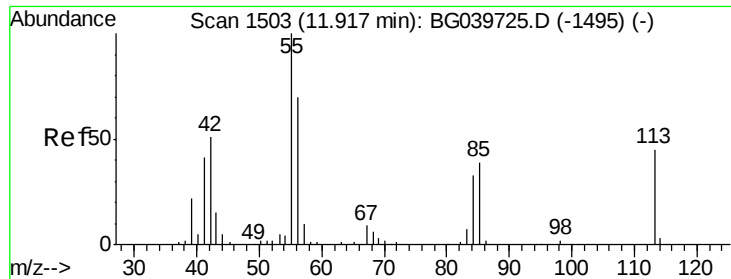
Abundance

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

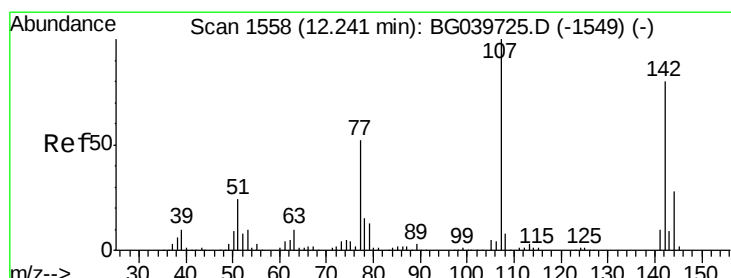
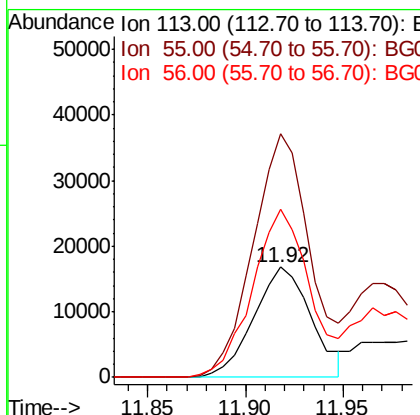
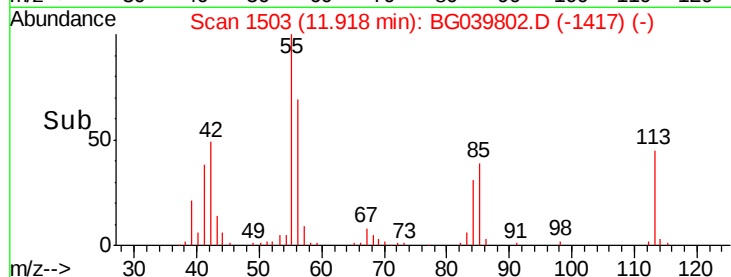
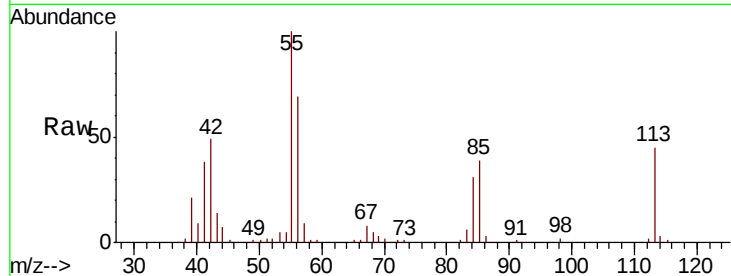




#35
 Caprolactam
 Concen: 28.476 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

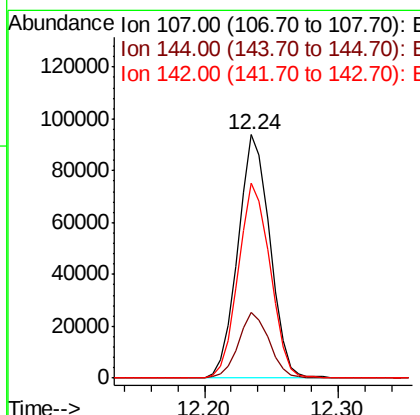
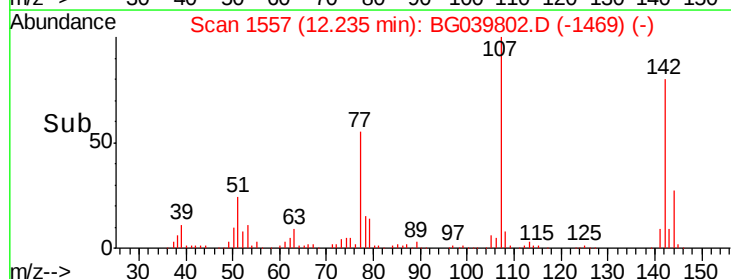
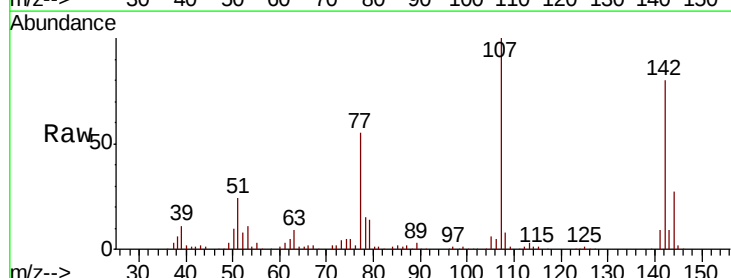
Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

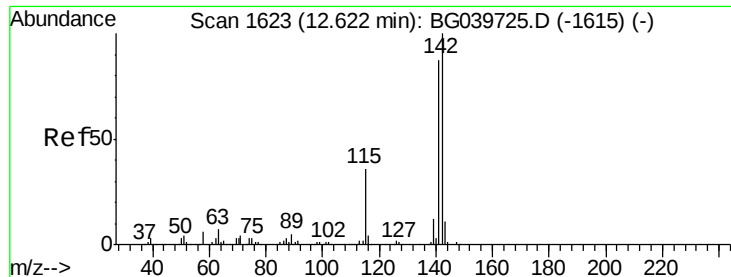
Tgt Ion:113 Resp: 34088
 Ion Ratio Lower Upper
 113 100
 55 220.4 216.9 256.9
 56 151.7 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 43.235 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion:107 Resp: 155314
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.2 30.2
 142 80.3 61.4 92.2

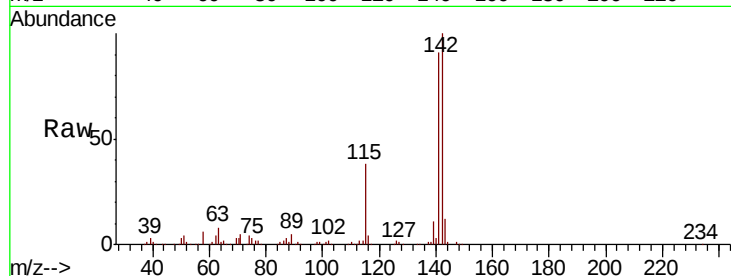




#37
 2-Methylnaphthalene
 Concen: 40.398 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.5	110.3
115	37.9	30.8	46.2

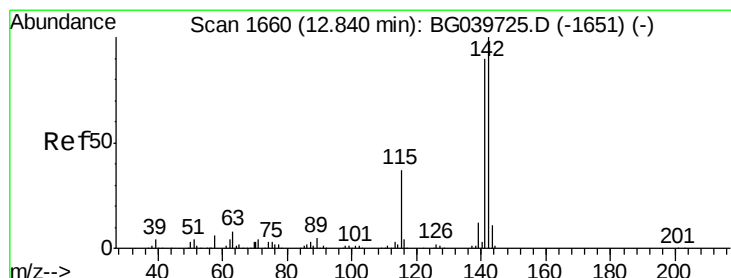
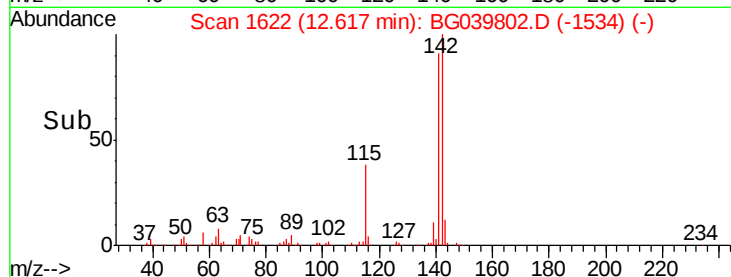
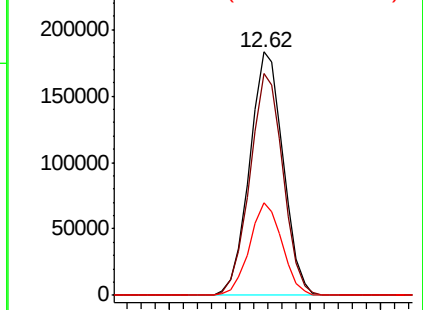


Abundance

Ion 142.00 (141.70 to 142.70): E

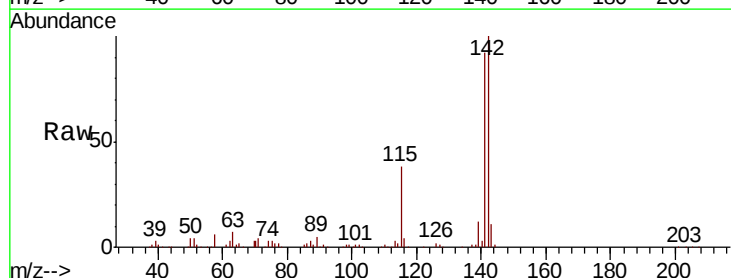
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 39.688 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	4.1	3.0	4.6

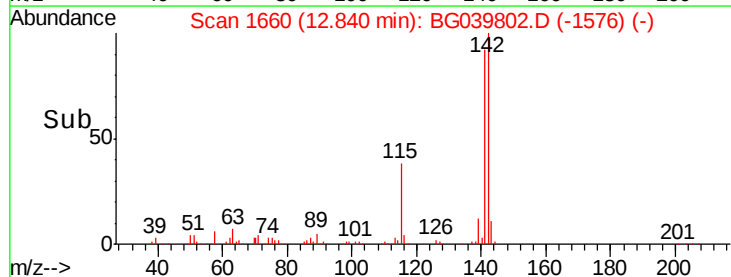
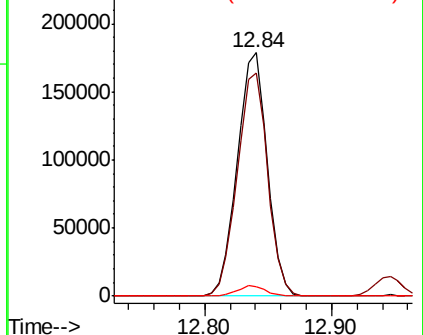


Abundance

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: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

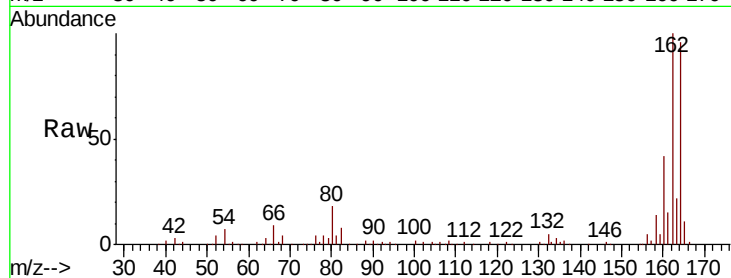
Tgt Ion:164 Resp: 136347

Ion Ratio Lower Upper

164 100

162 104.4 81.6 122.4

160 44.3 34.2 51.2

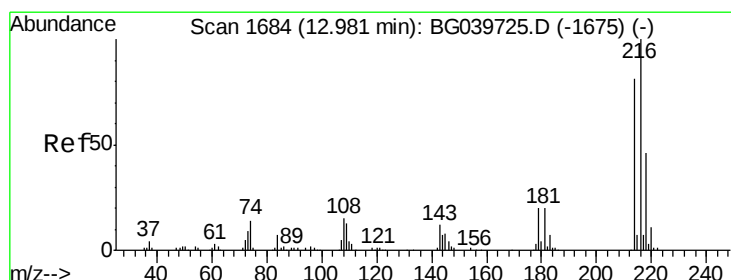
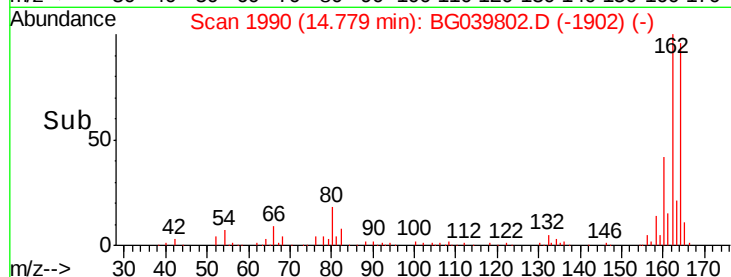
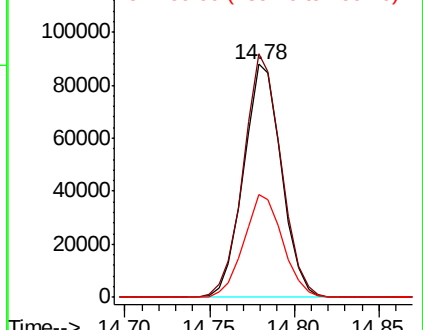


Abundance

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: 36.849 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Tgt Ion:216 Resp: 170208

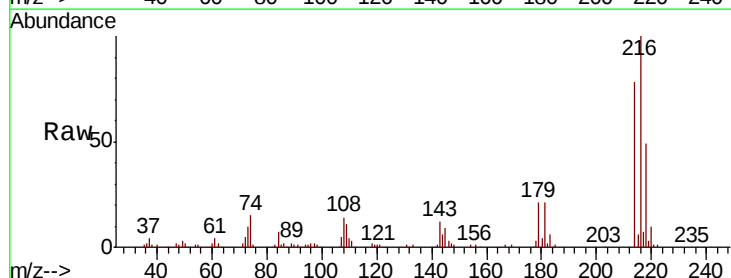
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.5 16.6 25.0

108 17.6 14.0 21.0



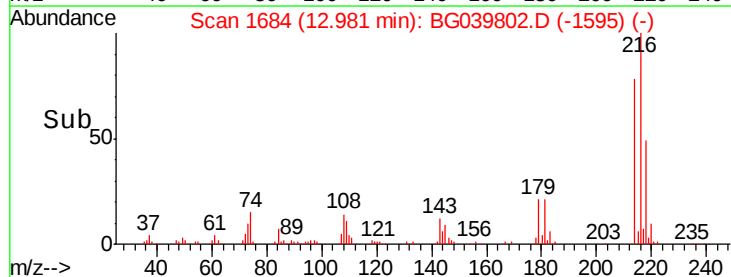
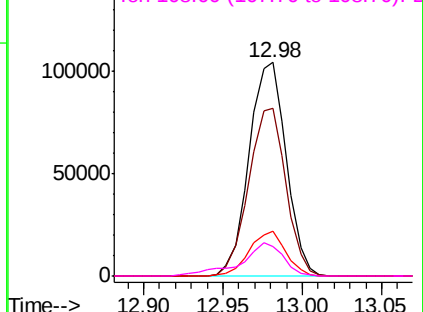
Abundance

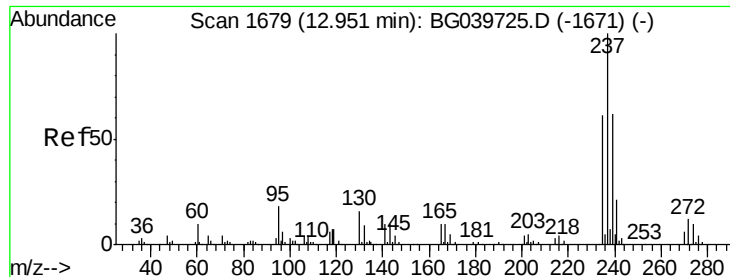
Ion 216.00 (215.70 to 216.70): E

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: 84.724 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

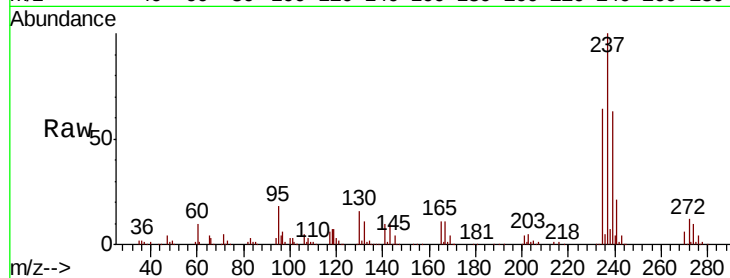
Tgt Ion:237 Resp: 209724

Ion Ratio Lower Upper

237 100

235 63.9 43.3 83.3

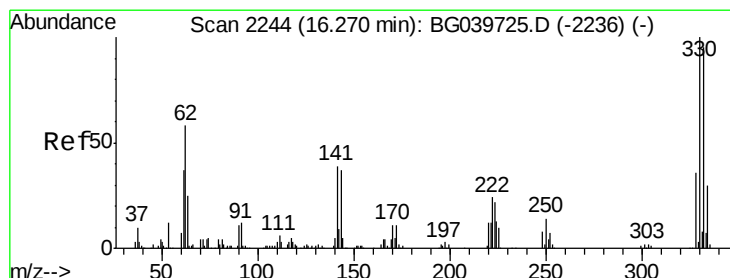
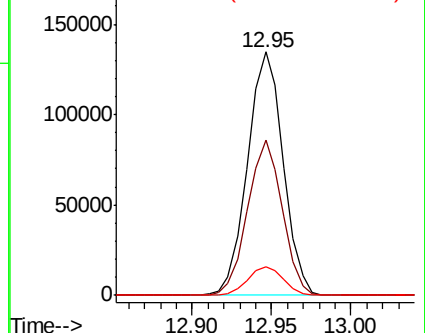
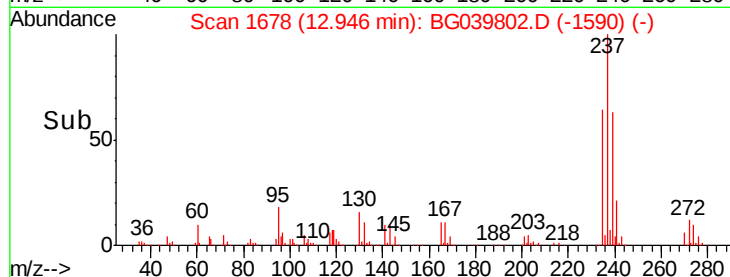
272 11.8 0.0 32.3



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: 134.744 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

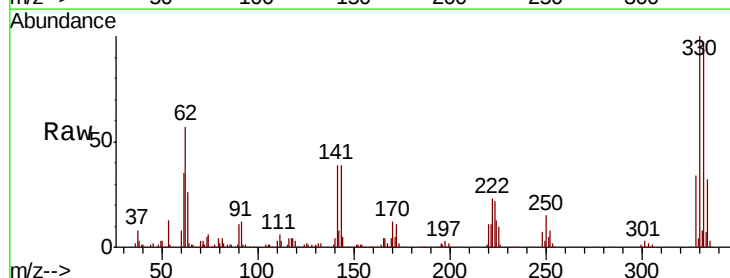
Tgt Ion:330 Resp: 214139

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

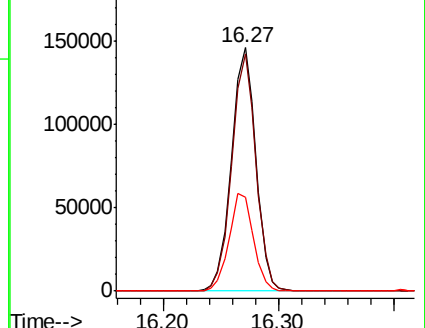
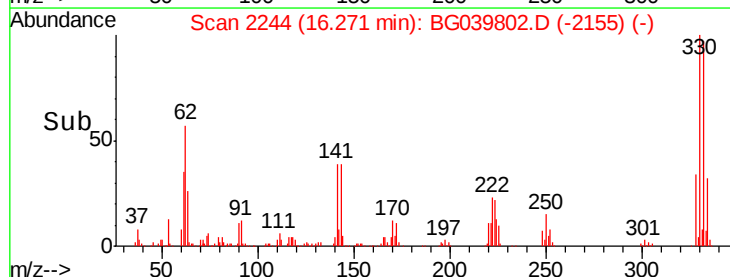
141 40.1 35.6 53.4



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

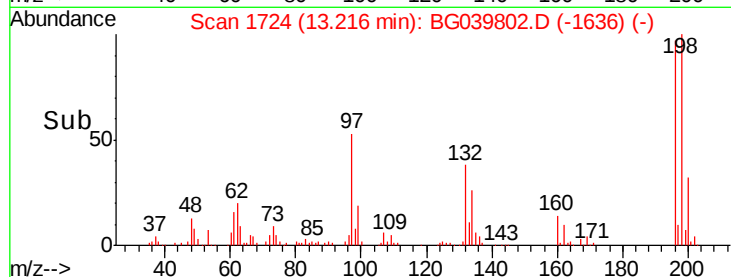
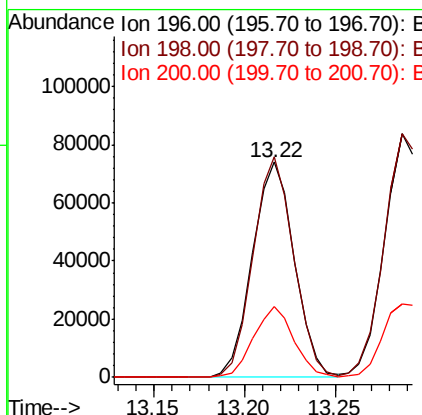
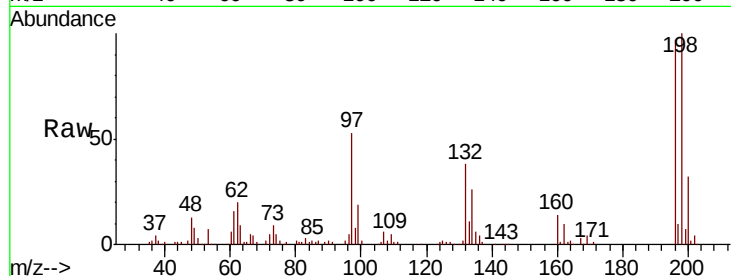




#43
 2,4,6-Trichlorophenol
 Concen: 44.216 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

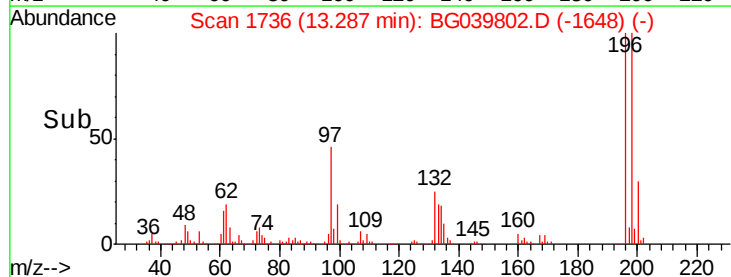
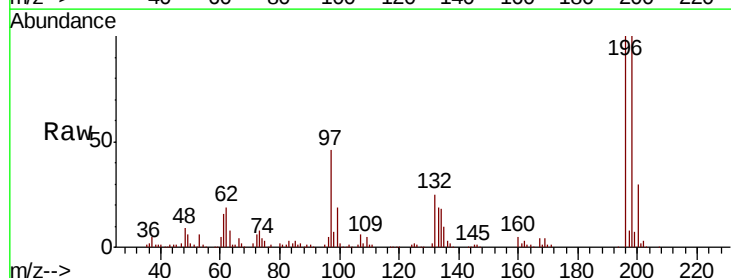
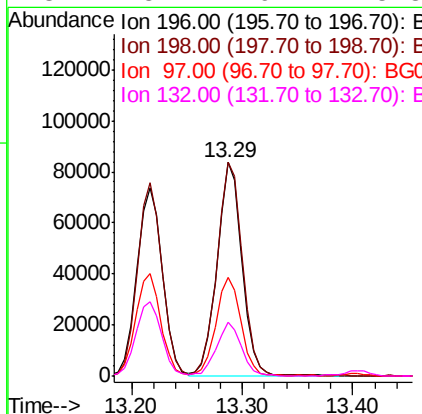
Instrument :
 BNA_G
 ClientSampled :
 PB117686BS

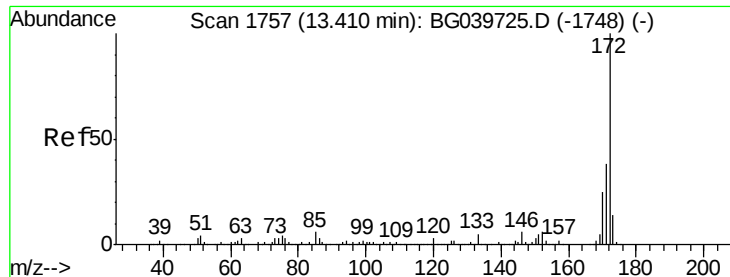
Tgt Ion:196 Resp: 119571
 Ion Ratio Lower Upper
 196 100
 198 102.8 80.6 121.0
 200 33.0 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.752 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion:196 Resp: 130317
 Ion Ratio Lower Upper
 196 100
 198 99.9 78.5 117.7
 97 46.2 38.4 57.6
 132 25.4 19.2 28.8

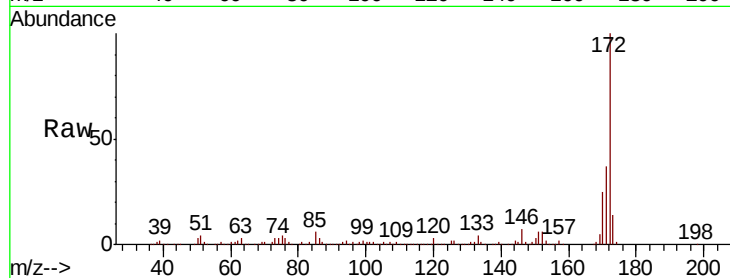




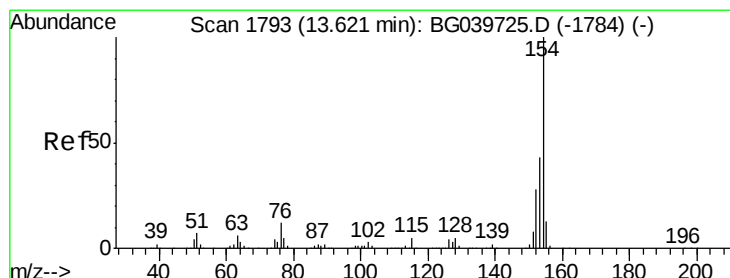
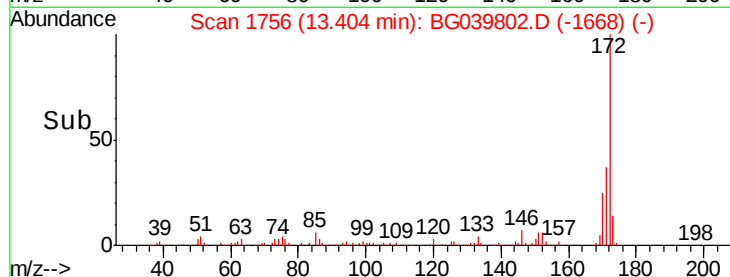
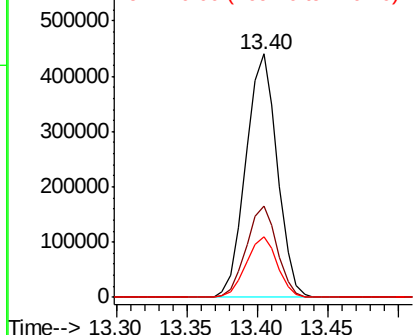
#45
2-Fluorobiphenyl
Concen: 71.462 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion:172 Resp: 684322
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 24.6 20.2 30.4

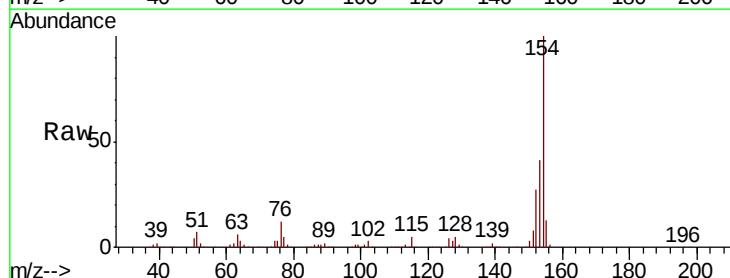


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

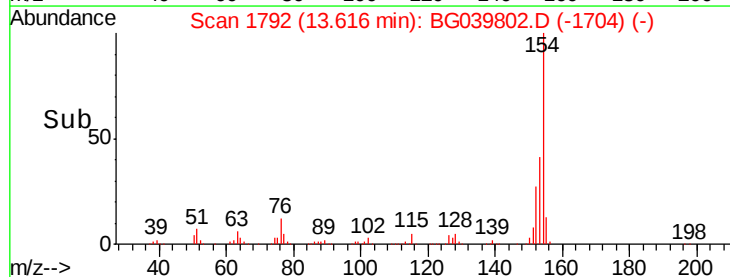
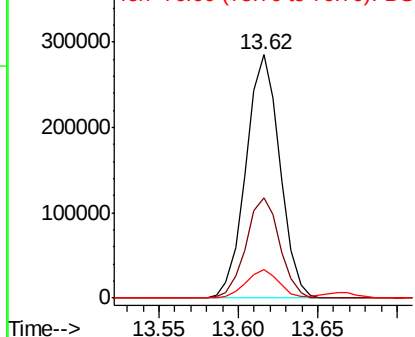


#46
1,1'-Biphenyl
Concen: 37.724 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:154 Resp: 423048
Ion Ratio Lower Upper
154 100
153 41.1 22.1 62.1
76 11.8 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

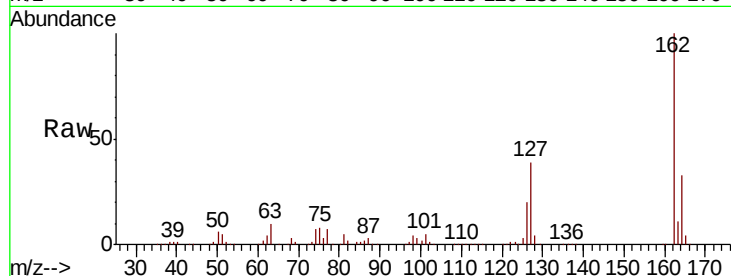




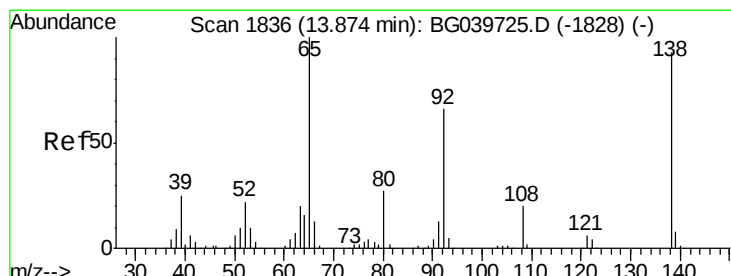
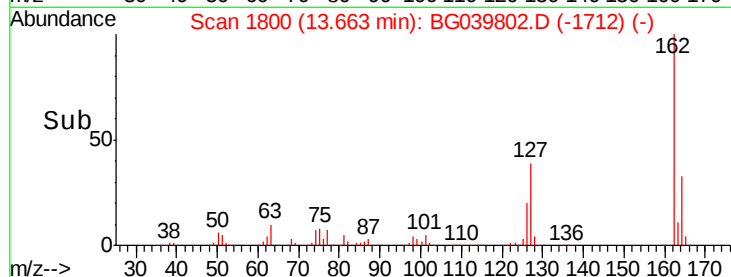
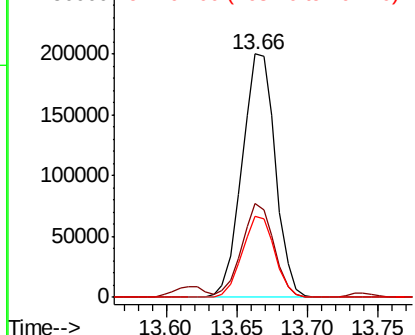
#47
 2-Chloronaphthalene
 Concen: 39.059 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Tgt Ion: 162 Resp: 329519
 Ion Ratio Lower Upper
 162 100
 127 38.6 31.0 46.6
 164 33.2 25.7 38.5

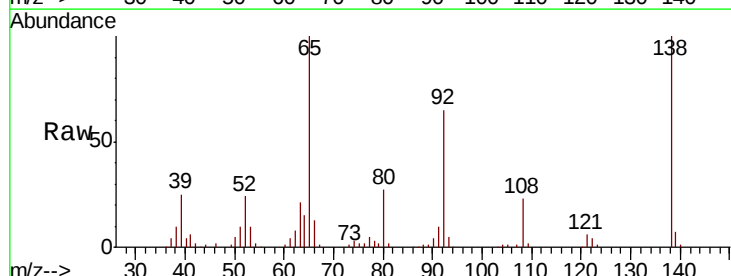


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

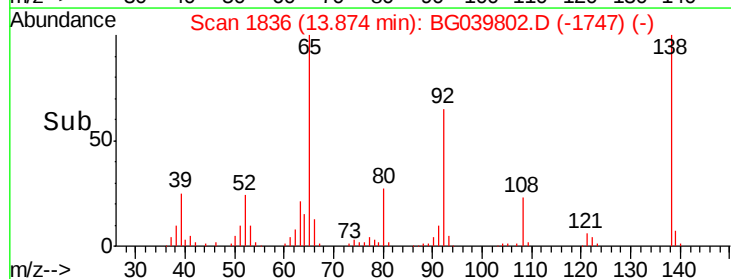
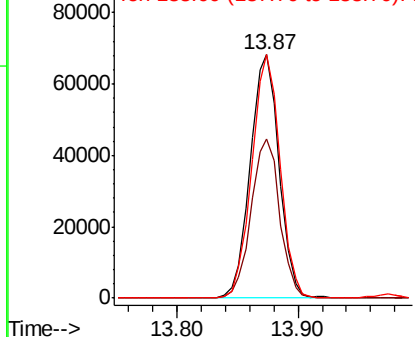


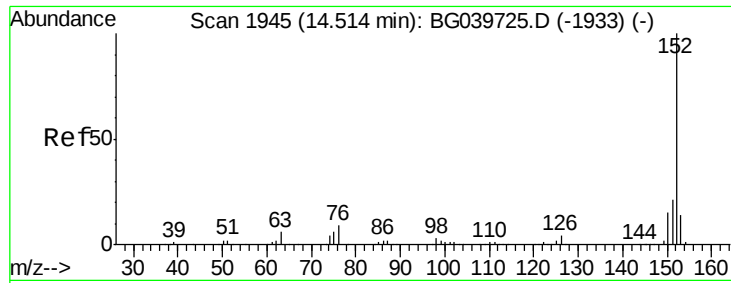
#48
 2-Nitroaniline
 Concen: 41.809 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion: 65 Resp: 113352
 Ion Ratio Lower Upper
 65 100
 92 65.5 51.4 77.2
 138 100.1 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: 37.614 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

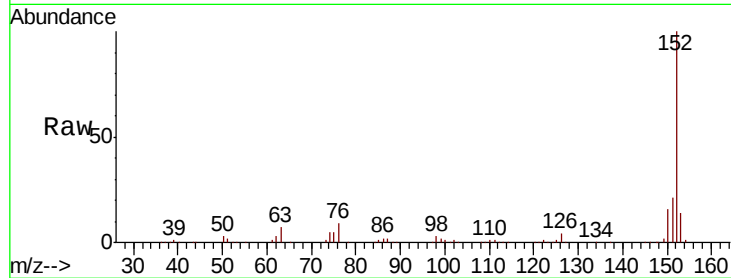
Tgt Ion:152 Resp: 520929

Ion Ratio Lower Upper

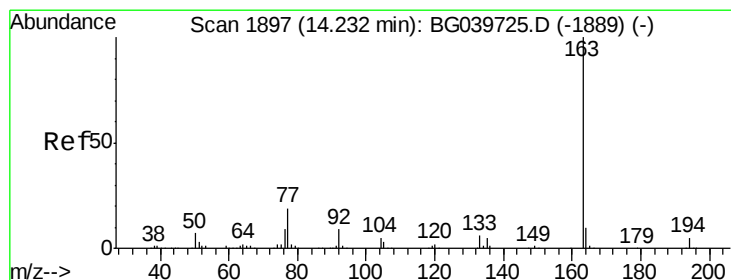
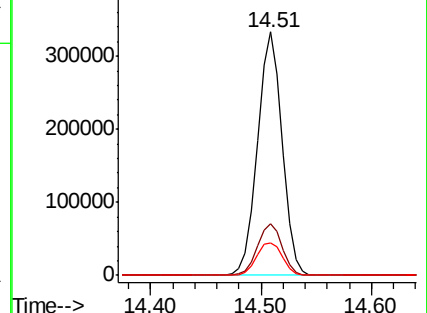
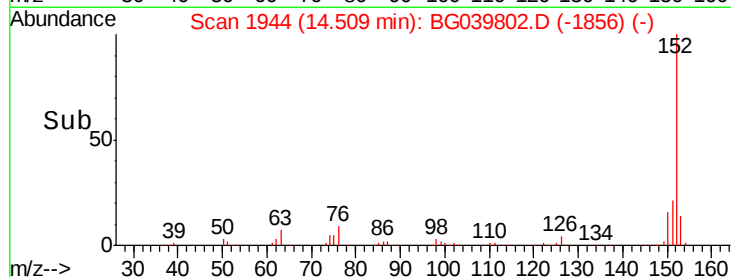
152 100

151 21.4 16.8 25.2

153 13.5 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: 38.739 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

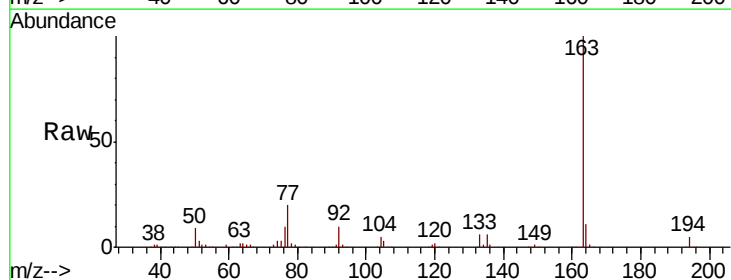
Tgt Ion:163 Resp: 441671

Ion Ratio Lower Upper

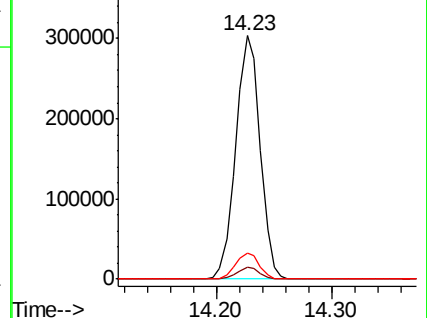
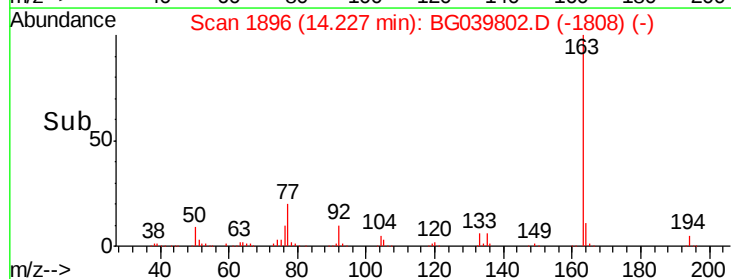
163 100

194 4.9 3.6 5.4

164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

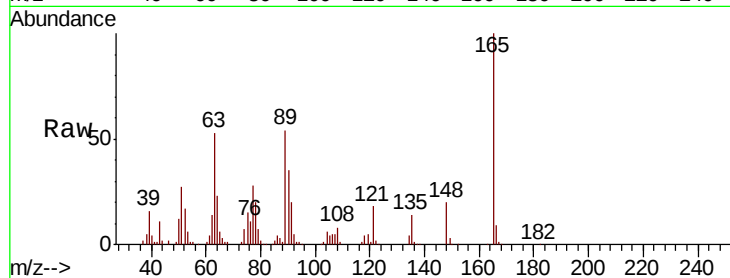




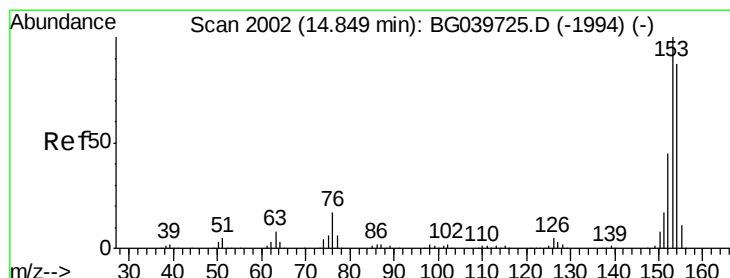
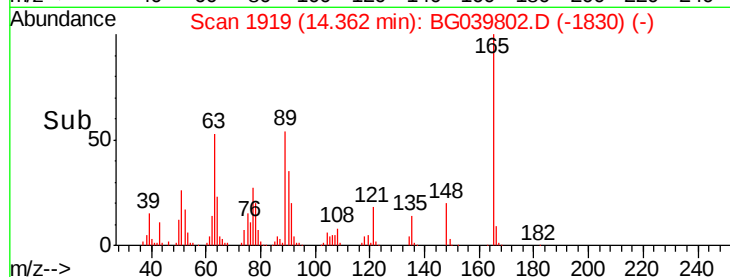
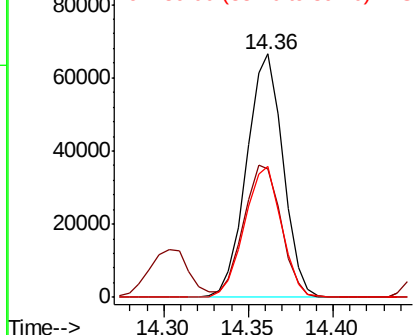
#51
2,6-Dinitrotoluene
Concen: 41.305 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion:165 Resp: 99835
Ion Ratio Lower Upper
165 100
63 52.9 47.0 70.6
89 53.7 45.8 68.8

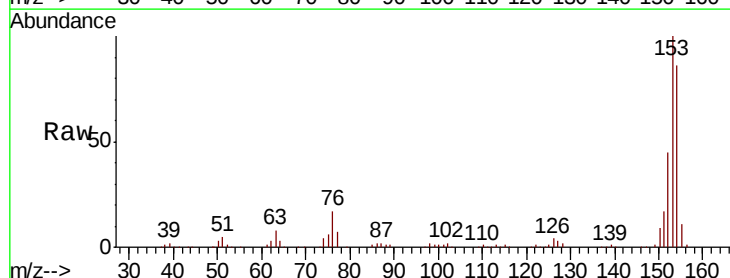


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

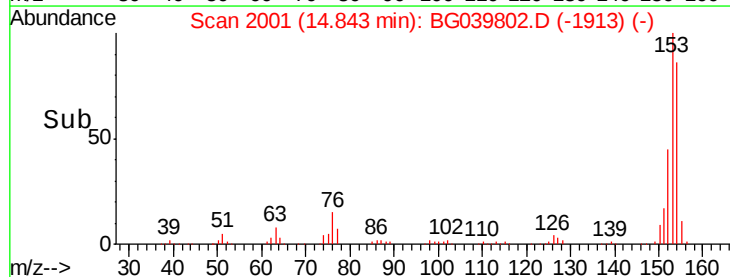
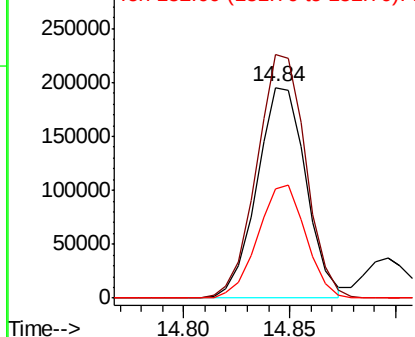


#52
Acenaphthene
Concen: 37.852 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:154 Resp: 315519
Ion Ratio Lower Upper
154 100
153 115.7 90.1 135.1
152 51.8 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: 29.445 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

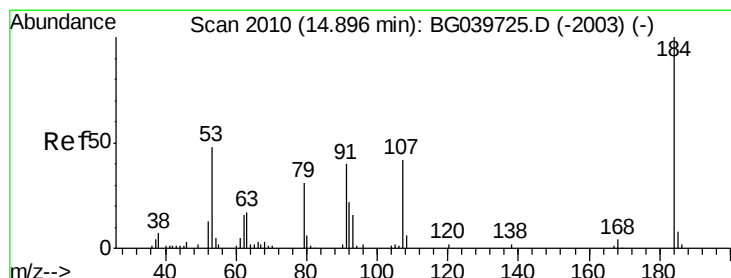
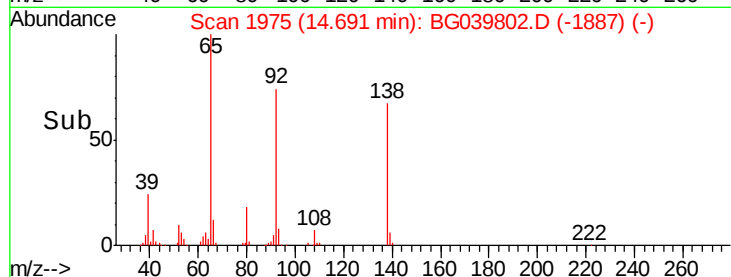
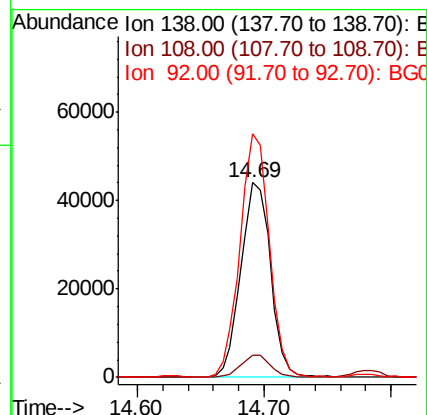
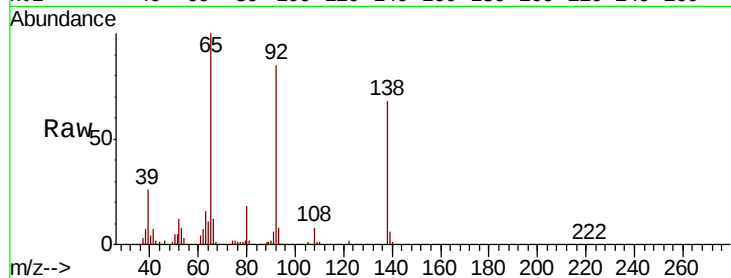
Tgt Ion:138 Resp: 71539

Ion Ratio Lower Upper

138 100

108 11.2 13.8 20.8#

92 125.2 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 67.671 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

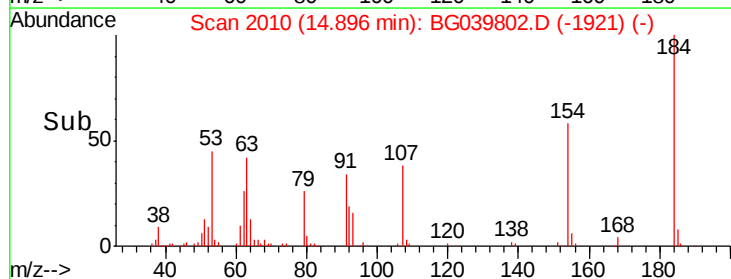
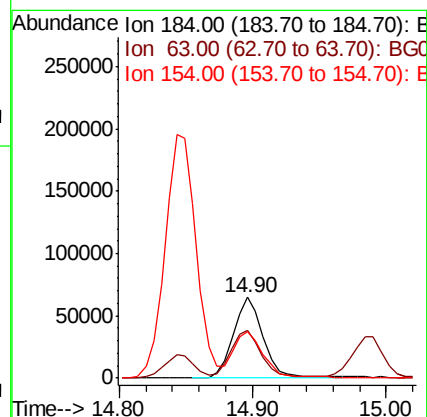
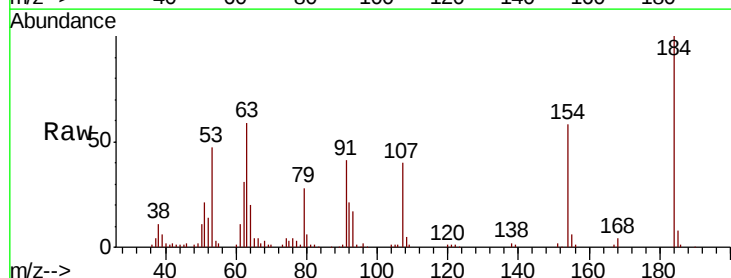
Tgt Ion:184 Resp: 101825

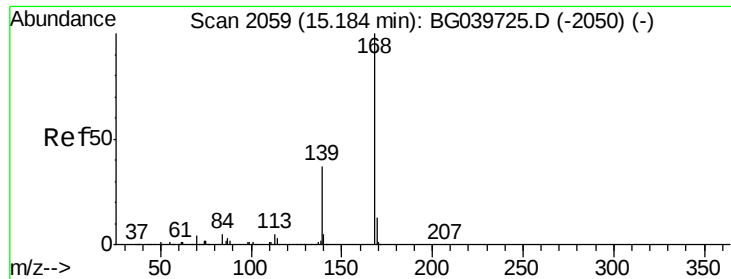
Ion Ratio Lower Upper

184 100

63 58.5 50.9 76.3

154 58.1 53.0 79.6





#55

Dibenzofuran

Concen: 38.379 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

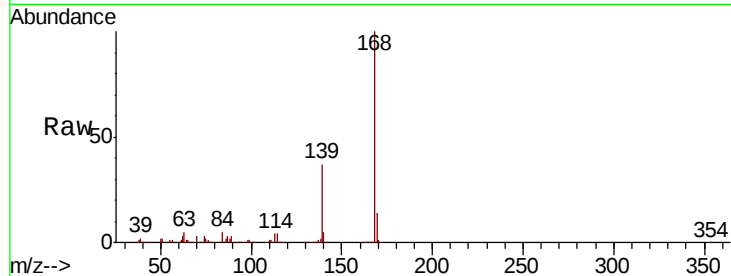
Tgt Ion:168 Resp: 524873

Ion Ratio Lower Upper

168 100

139 36.9 30.1 45.1

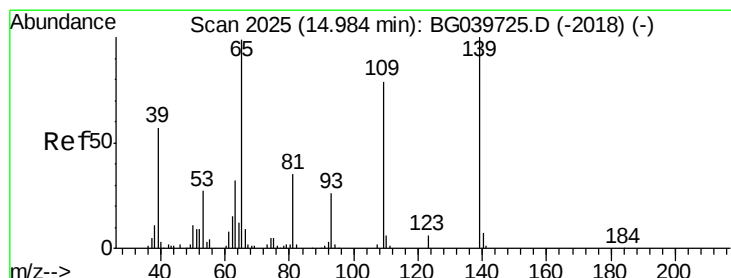
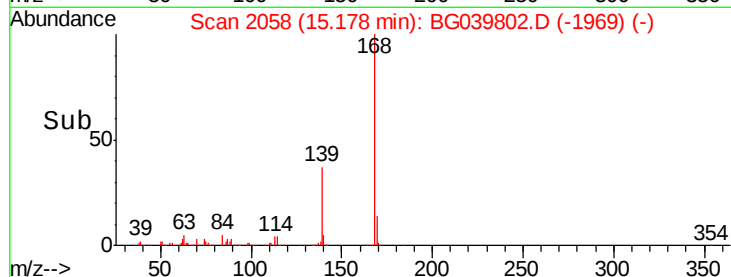
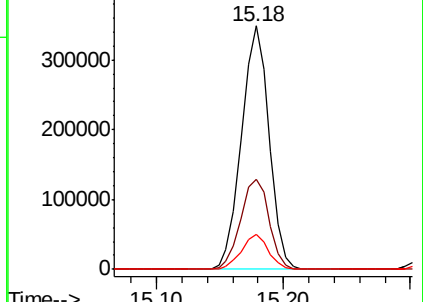
169 14.2 10.6 16.0



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: 81.133 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

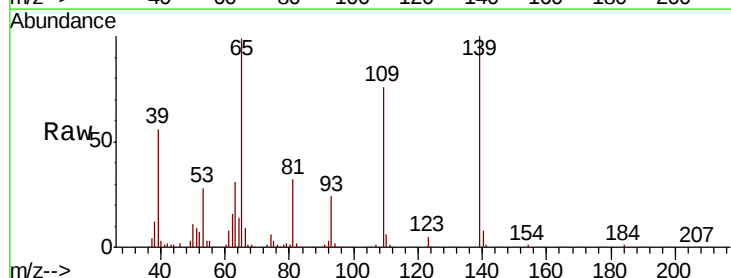
Tgt Ion:139 Resp: 176337

Ion Ratio Lower Upper

139 100

109 75.9 61.9 101.9

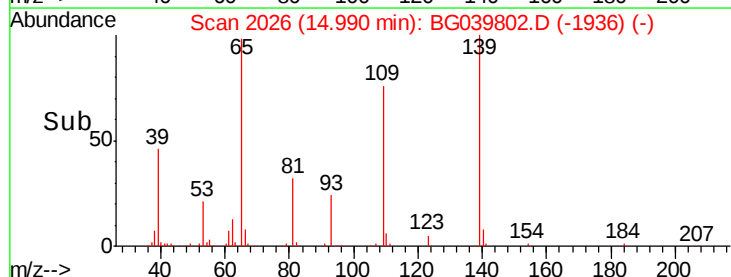
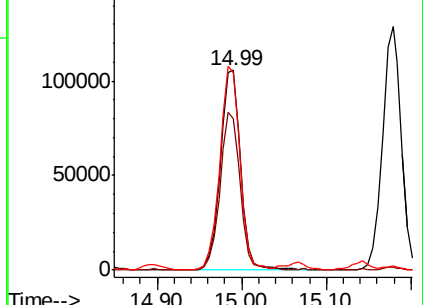
65 99.1 99.1 139.1

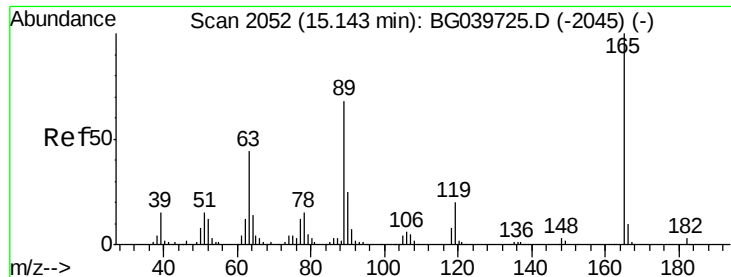


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

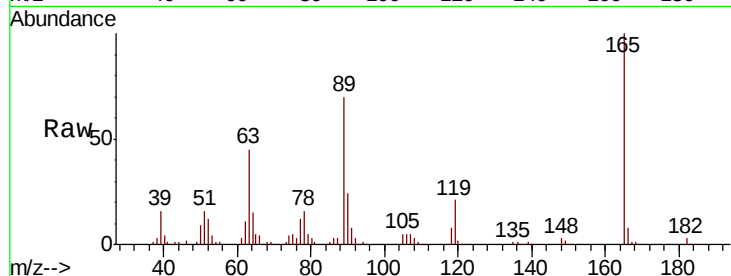




#57
2,4-Dinitrotoluene
Concen: 41.736 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.8	41.0	61.6
89	70.2	64.6	96.8
182	3.4	2.0	3.0



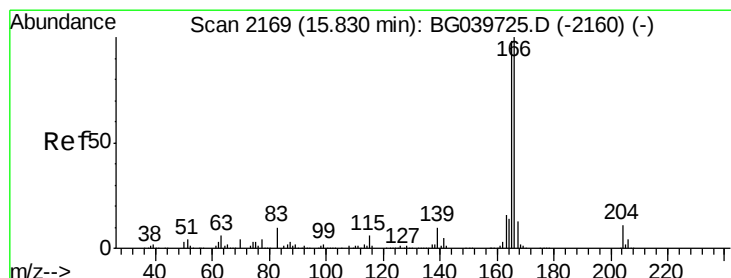
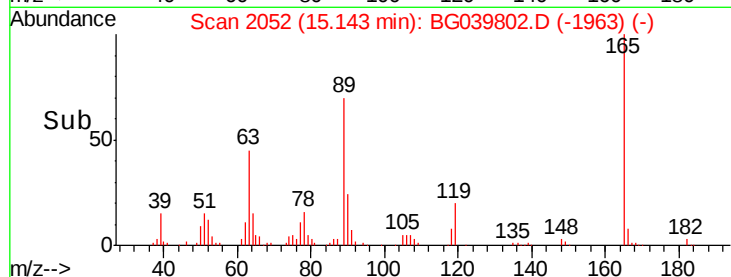
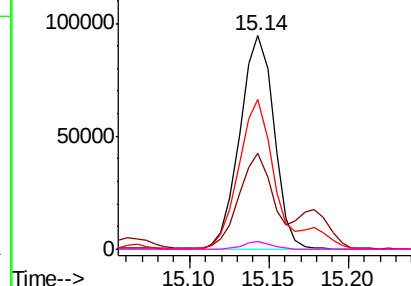
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

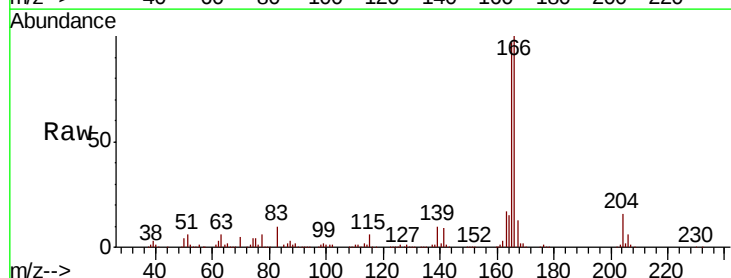
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.325 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.9	116.9
167	13.1	10.8	16.2

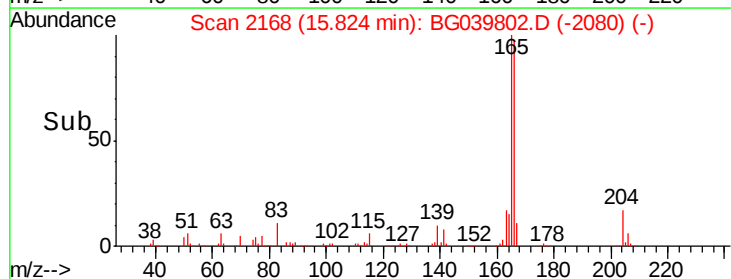
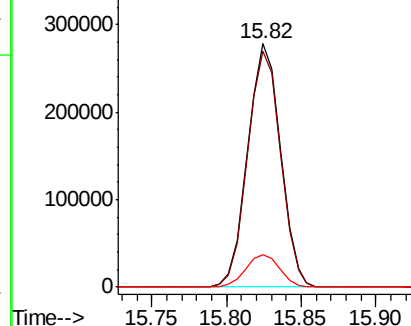


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.581 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

Tgt Ion:232 Resp: 132716

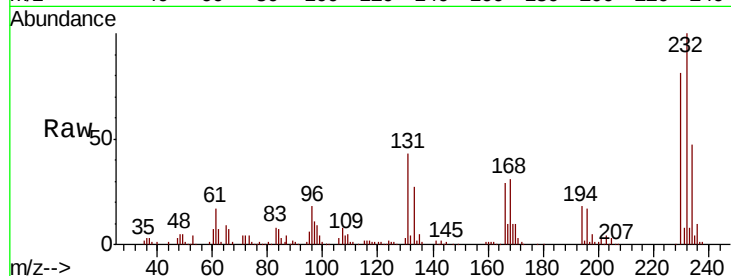
Ion Ratio Lower Upper

232 100

131 41.8 34.9 52.3

130 2.4 2.0 3.0

166 30.4 24.1 36.1

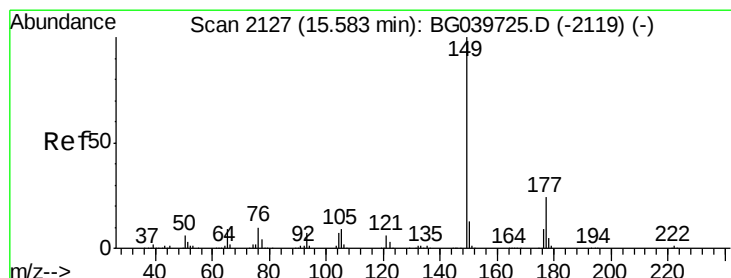
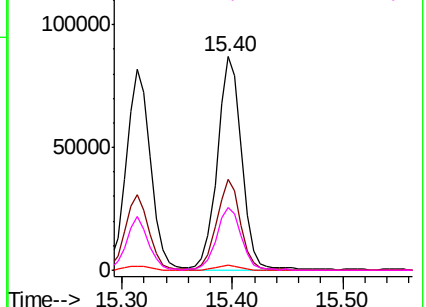
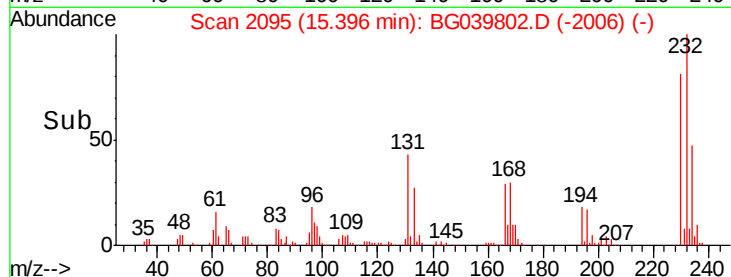


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.147 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

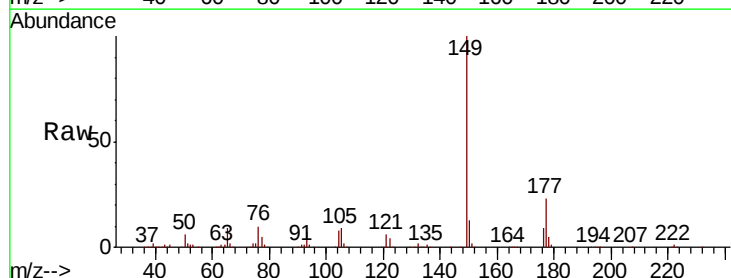
Tgt Ion:149 Resp: 453116

Ion Ratio Lower Upper

149 100

177 23.4 18.3 27.5

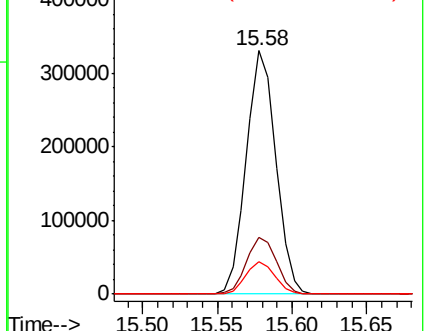
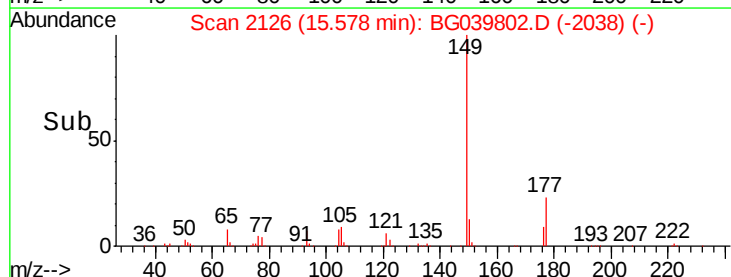
150 13.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

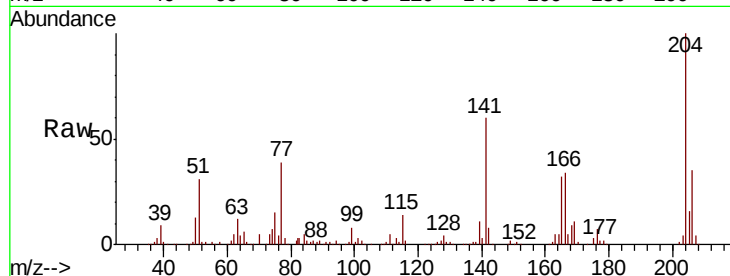




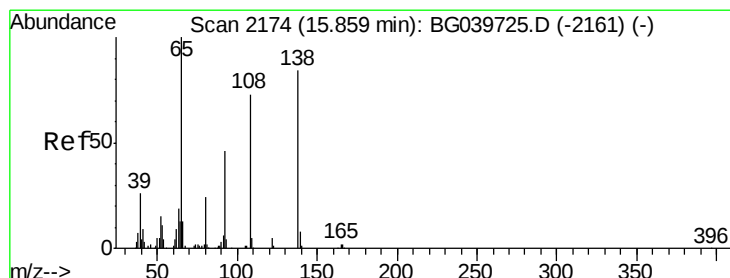
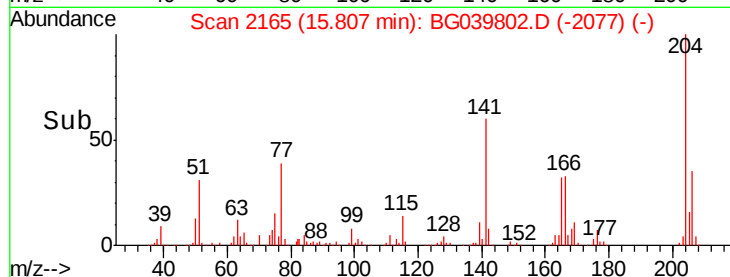
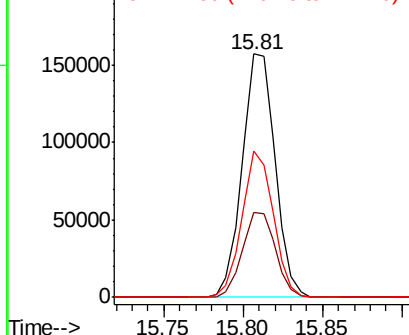
#61
4-Chlorophenyl-phenylether
Concen: 39.471 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion: 204 Resp: 226451
Ion Ratio Lower Upper
204 100
206 35.1 29.2 43.8
141 60.1 49.0 73.4

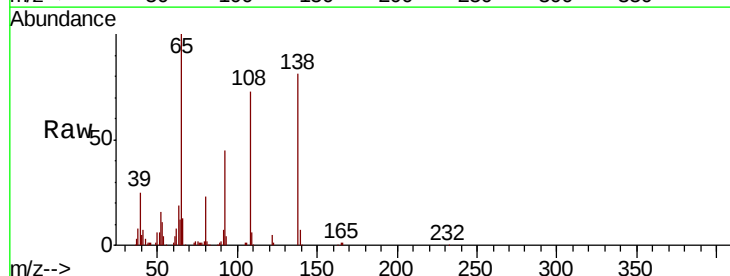


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

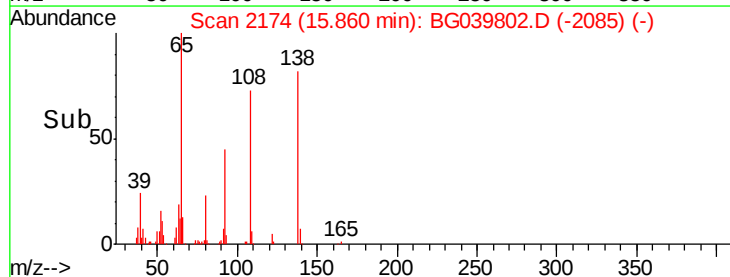
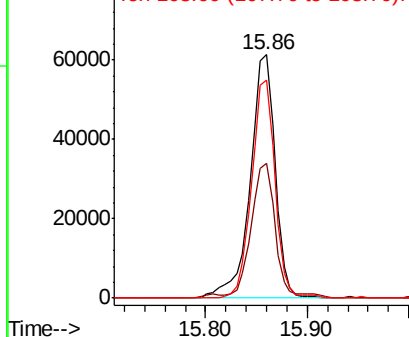


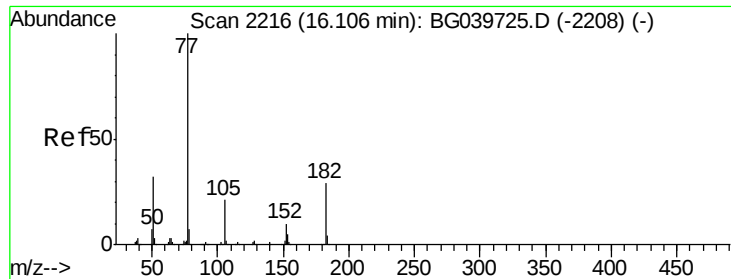
#62
4-Nitroaniline
Concen: 39.922 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion: 138 Resp: 105154
Ion Ratio Lower Upper
138 100
92 55.5 38.7 78.7
108 89.5 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

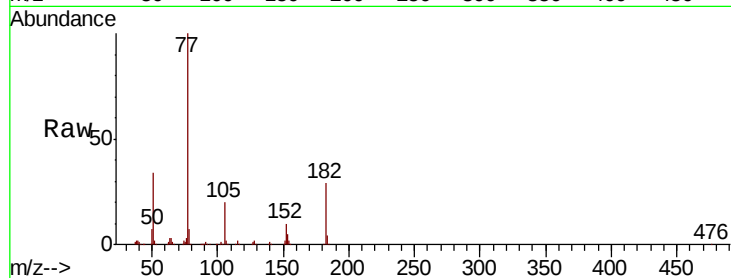




#63
Azobenzene
Concen: 39.422 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	6.4	46.4
105	20.0	0.0	39.8
51	33.6	14.1	54.1



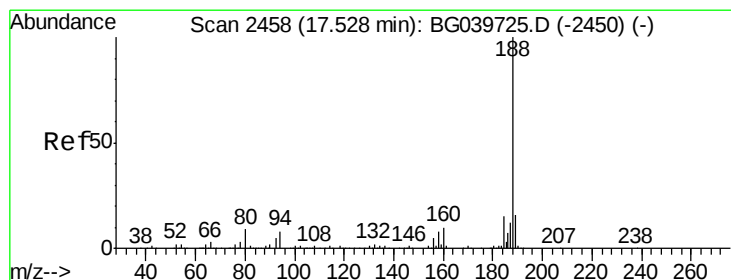
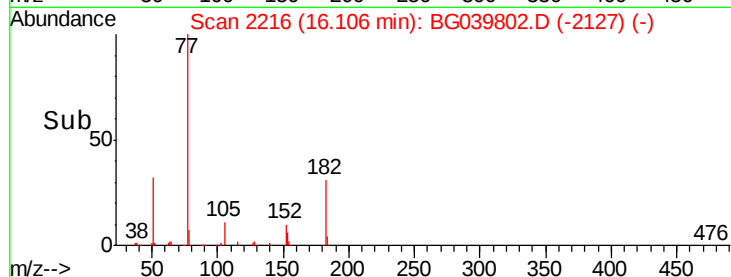
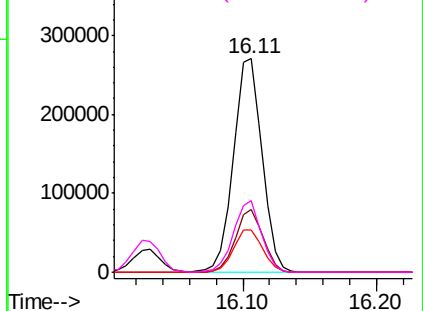
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

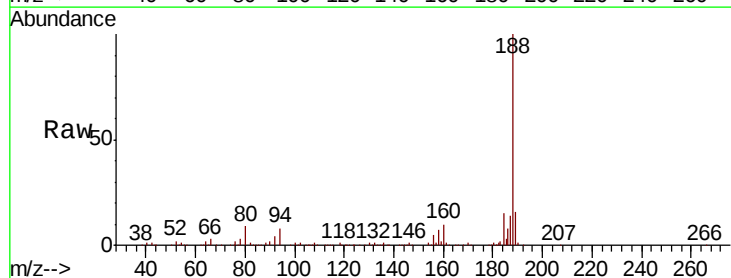
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.8	8.1	12.1

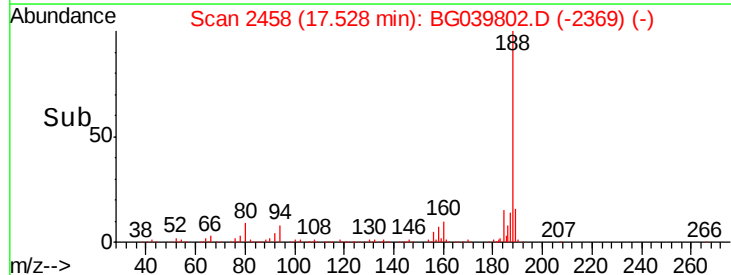
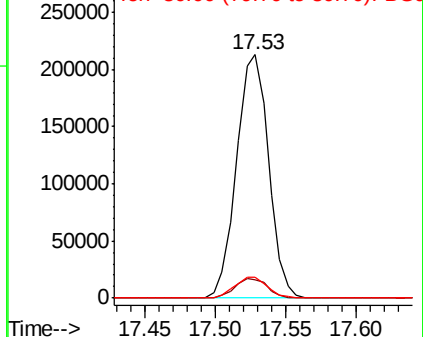


Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.773 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

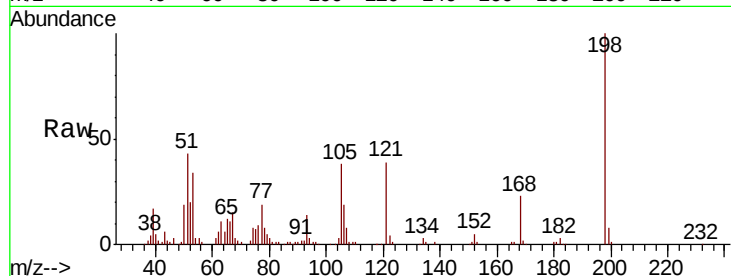
Tgt Ion:198 Resp: 79490

Ion Ratio Lower Upper

198 100

51 43.4 27.4 67.4

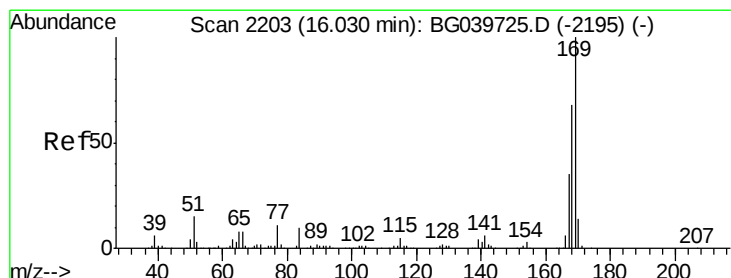
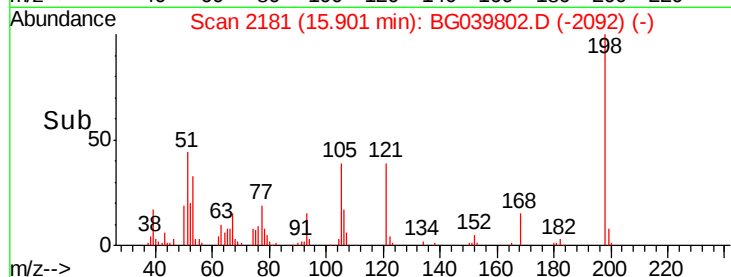
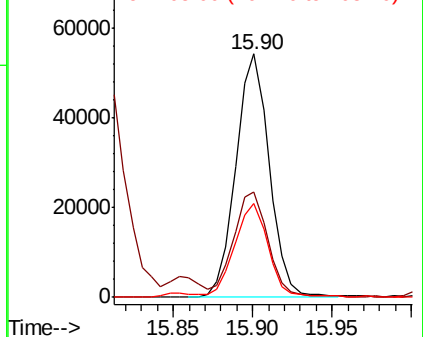
105 38.4 19.7 59.7



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: 39.709 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

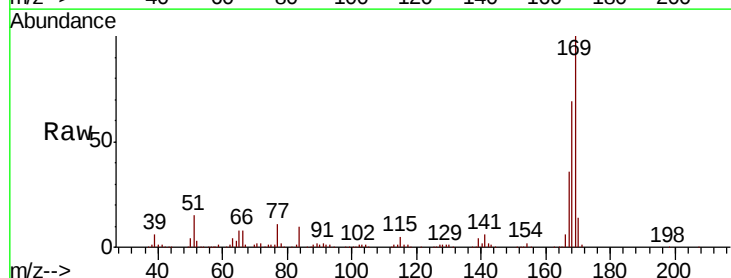
Tgt Ion:169 Resp: 388585

Ion Ratio Lower Upper

169 100

168 69.1 56.6 85.0

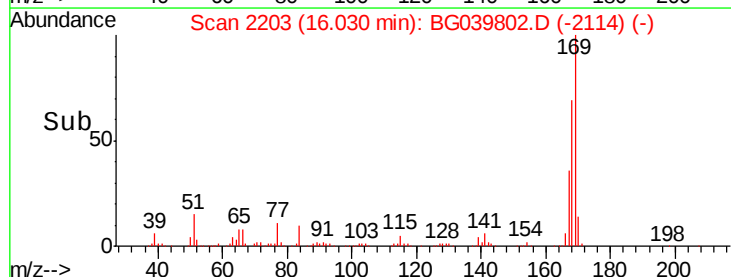
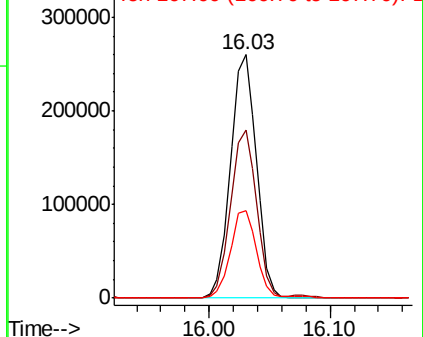
167 35.9 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

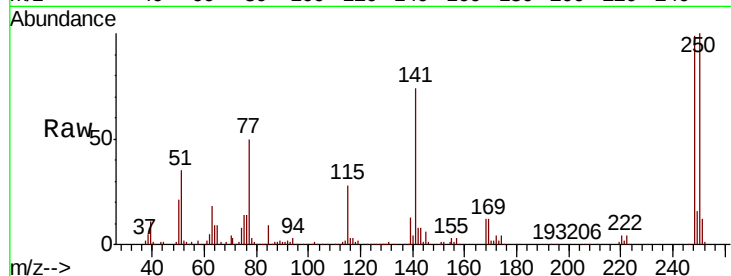




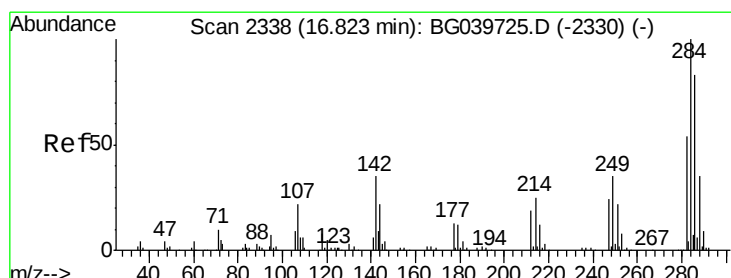
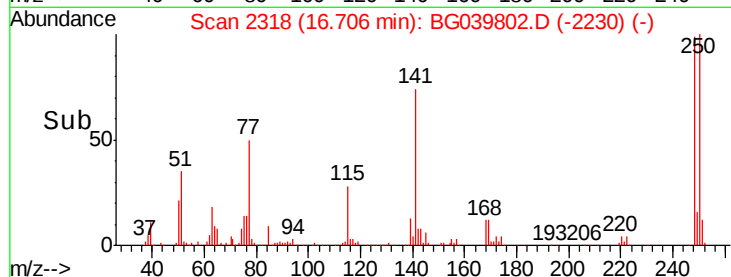
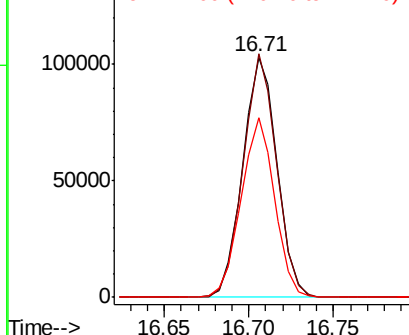
#67
4-Bromophenyl-phenylether
Concen: 38.383 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampled :
PB117686BS

Tgt Ion:248 Resp: 145227
Ion Ratio Lower Upper
248 100
250 101.3 77.6 116.4
141 74.8 63.9 95.9

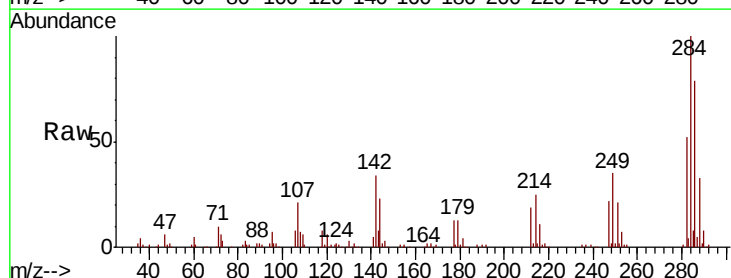


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

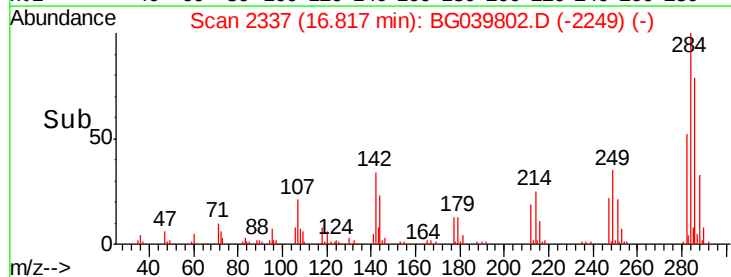
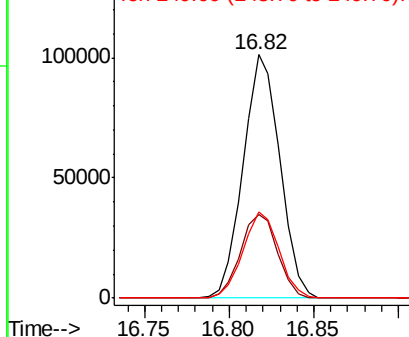


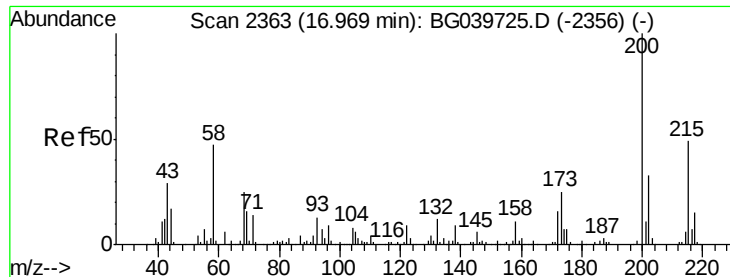
#68
Hexachlorobenzene
Concen: 39.019 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:284 Resp: 153028
Ion Ratio Lower Upper
284 100
142 34.5 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

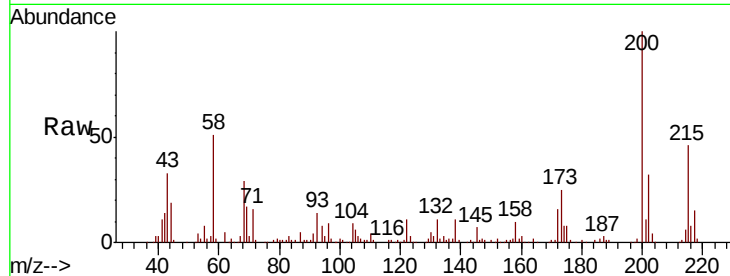




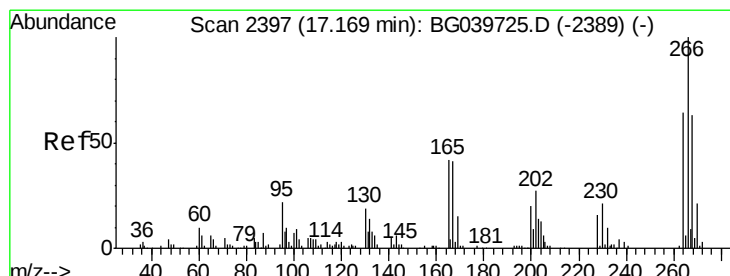
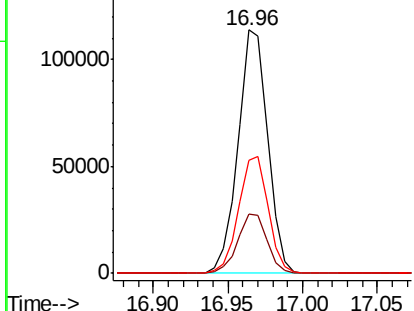
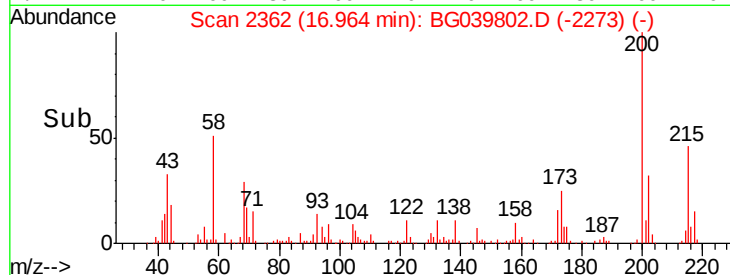
#69
 Atrazine
 Concen: 40.738 ng
 RT: 16.96 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117686BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	3.9	43.9
215	46.3	30.9	70.9

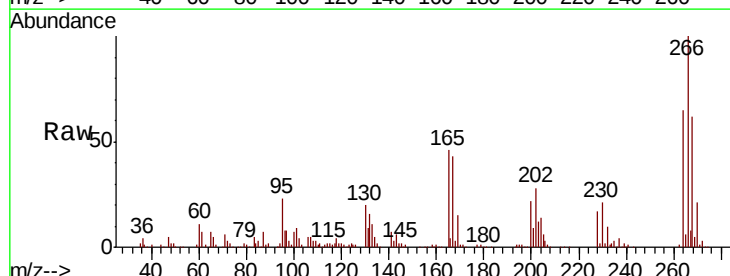


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

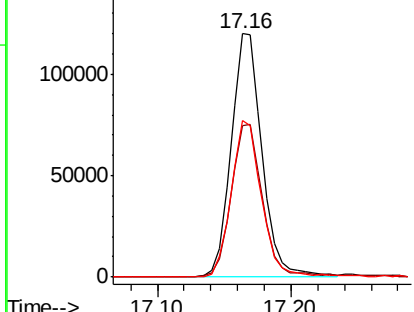
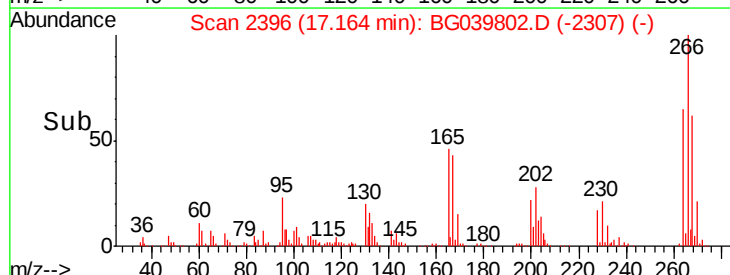


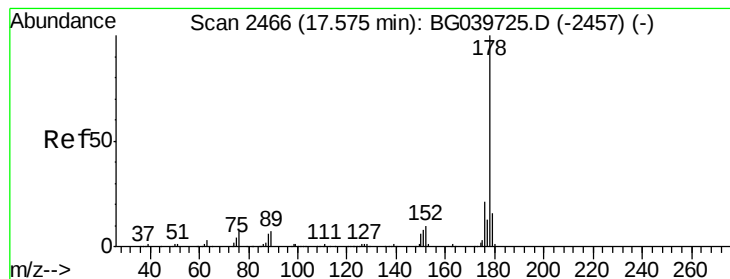
#70
 Pentachlorophenol
 Concen: 77.776 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	64.5	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: 38.419 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

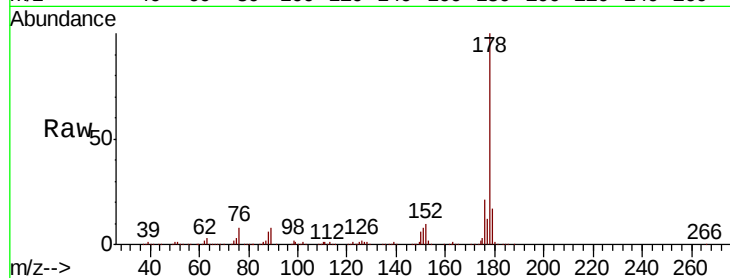
Tgt Ion:178 Resp: 715311

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

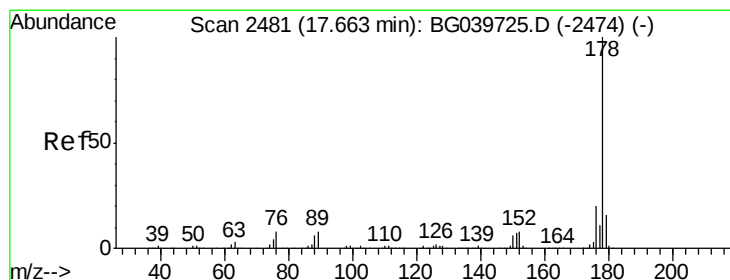
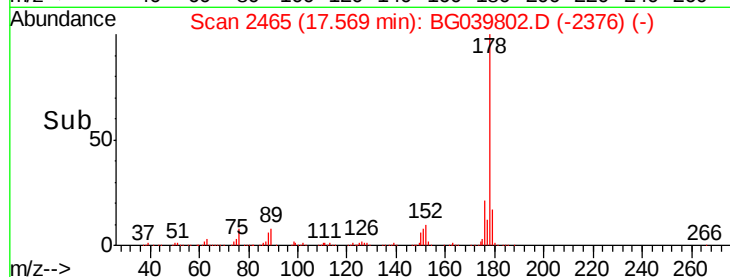
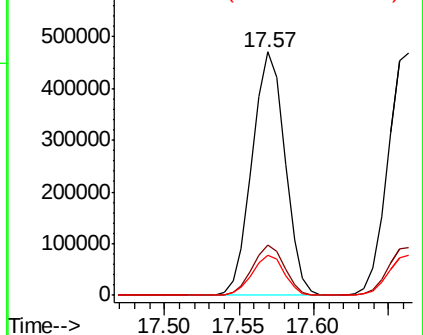
179 16.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.929 ng

RT: 17.66 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

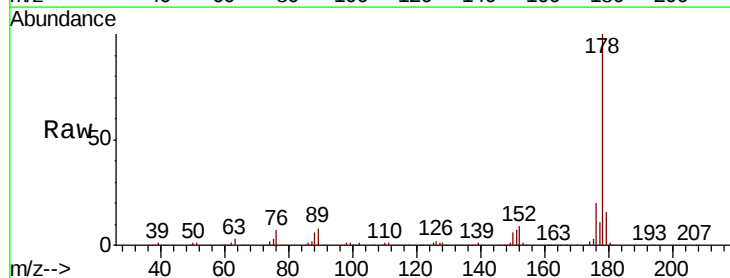
Tgt Ion:178 Resp: 724451

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

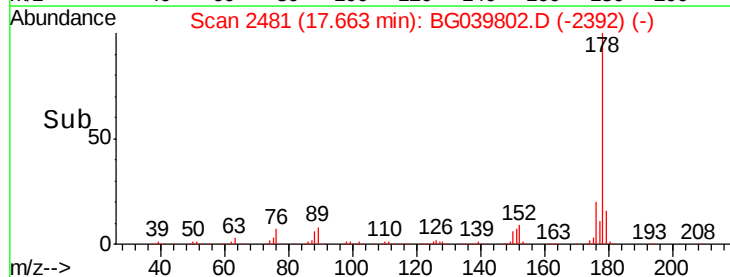
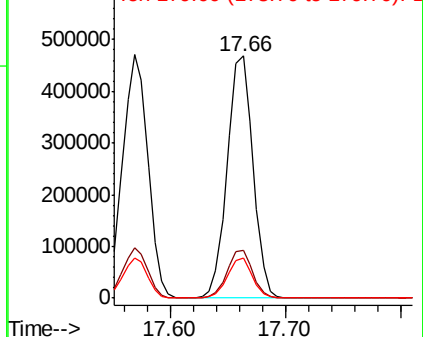
179 16.4 12.5 18.7

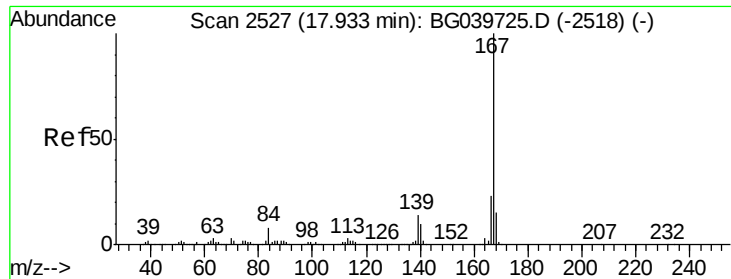


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

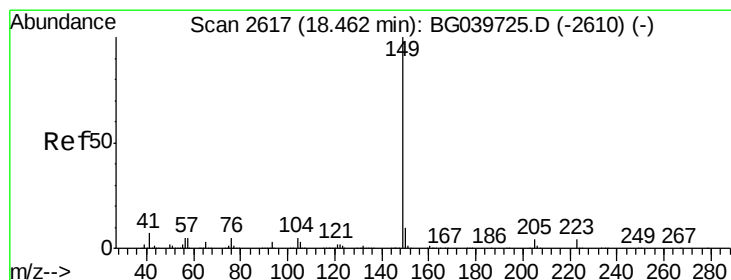
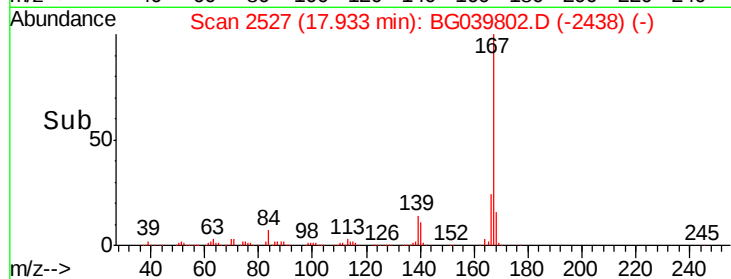
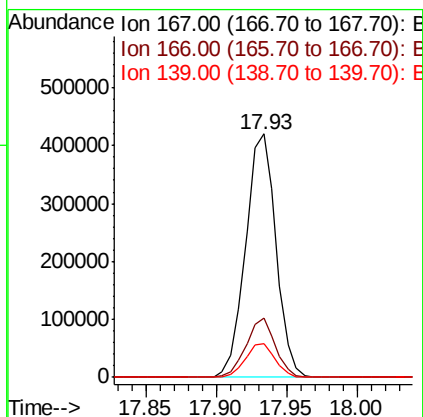
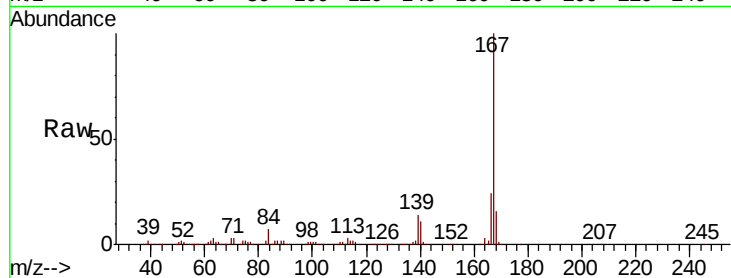




#73
 Carbazole
 Concen: 38.723 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

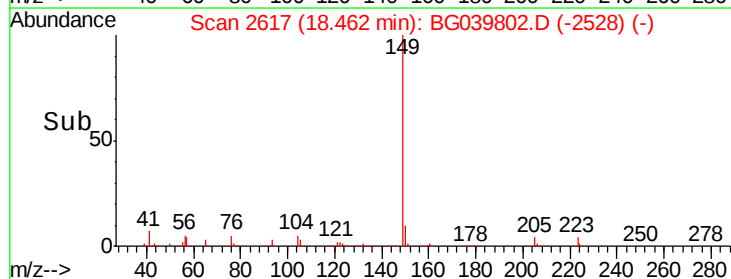
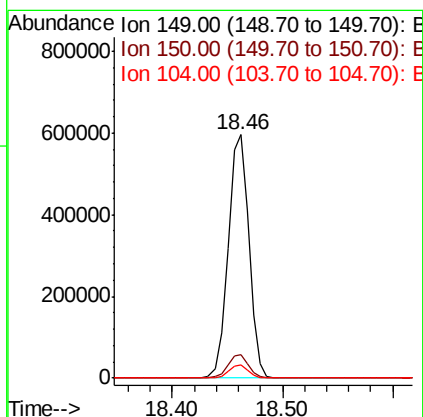
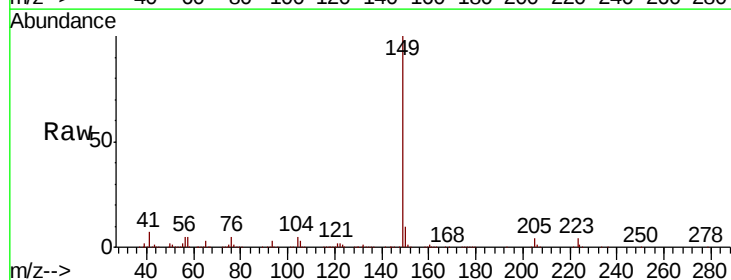
Instrument :
 BNA_G
 ClientSampleID :
 PB117686BS

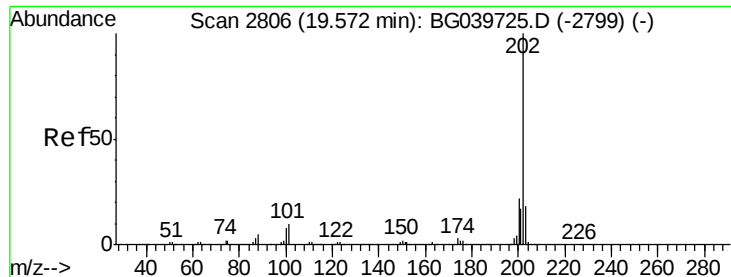
Tgt Ion:167 Resp: 633379
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.4 29.2
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.760 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039802.D
 Acq: 7 Mar 2019 14:53

Tgt Ion:149 Resp: 784407
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 38.830 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

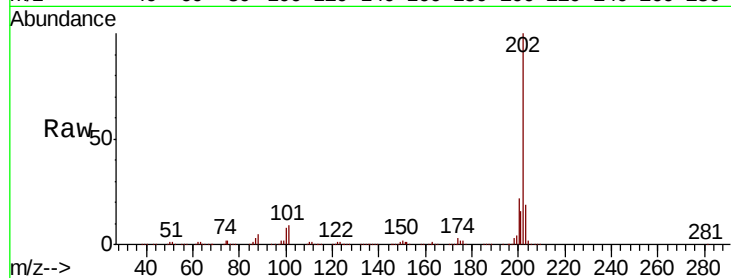
Tgt Ion:202 Resp: 854412

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

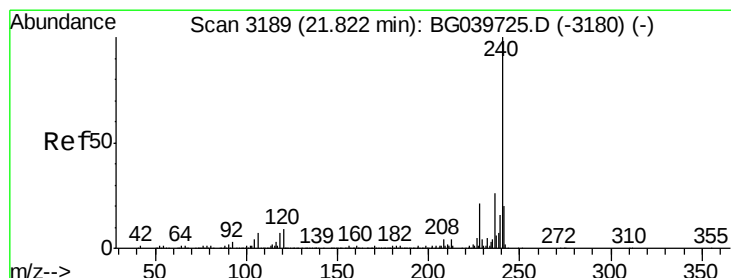
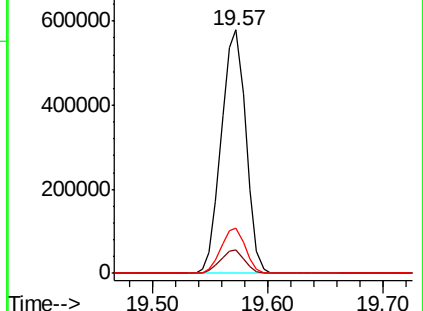
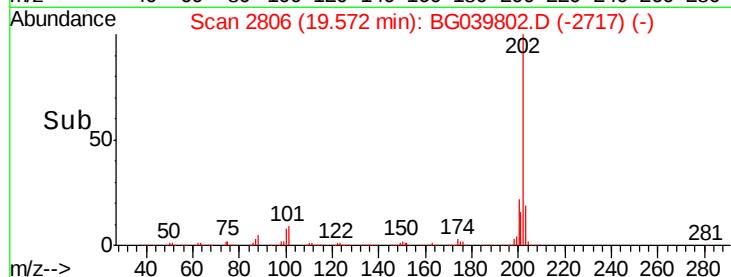
203 18.8 0.0 38.9



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: BG039802.D

Acq: 7 Mar 2019 14:53

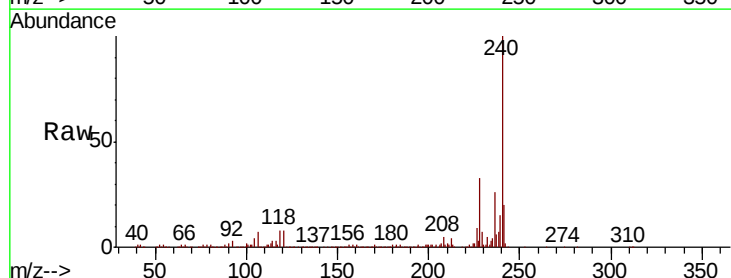
Tgt Ion:240 Resp: 332093

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

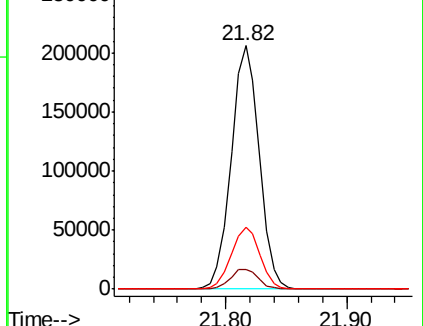
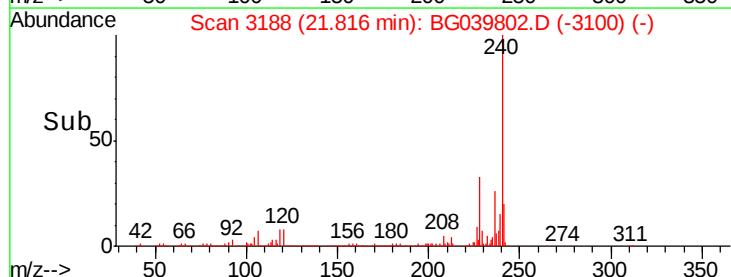
236 25.6 21.0 31.4



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: 33.633 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

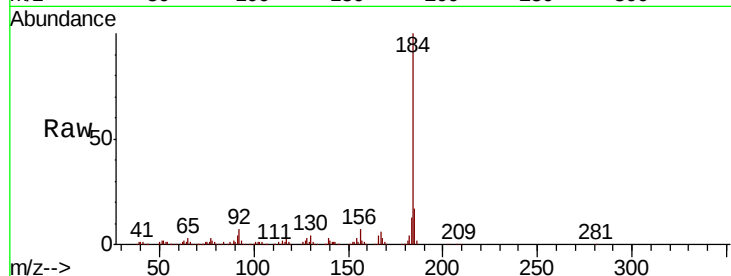
Tgt Ion:184 Resp: 354433

Ion Ratio Lower Upper

184 100

185 17.3 12.2 18.2

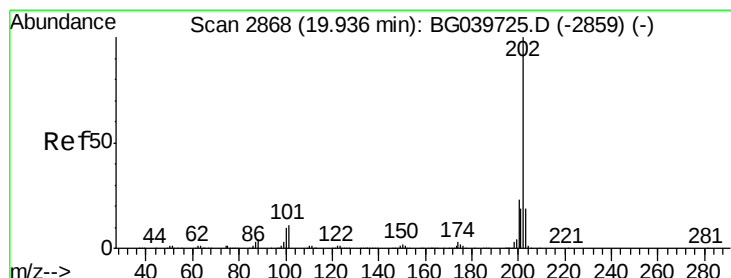
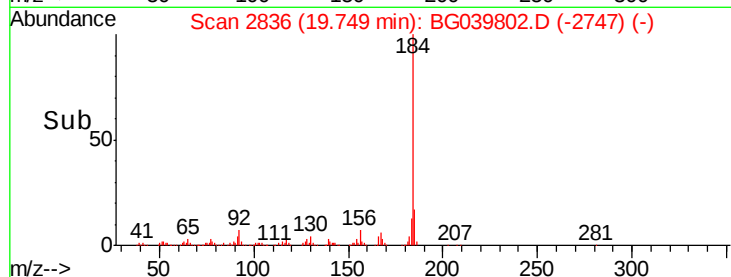
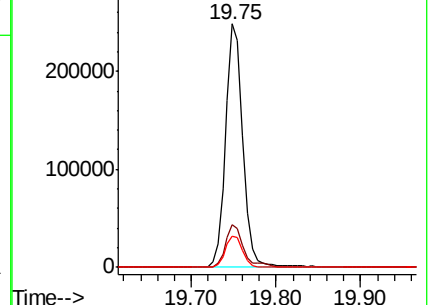
183 12.9 10.6 15.8



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: 38.434 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

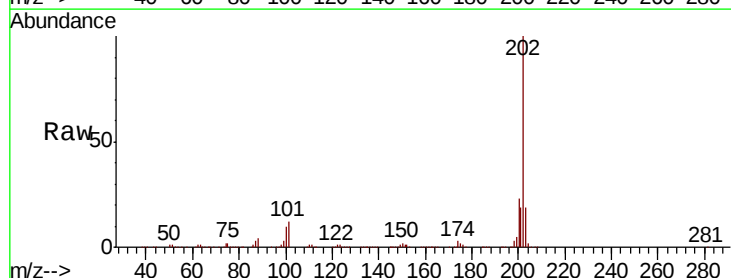
Tgt Ion:202 Resp: 829389

Ion Ratio Lower Upper

202 100

200 22.9 17.8 26.8

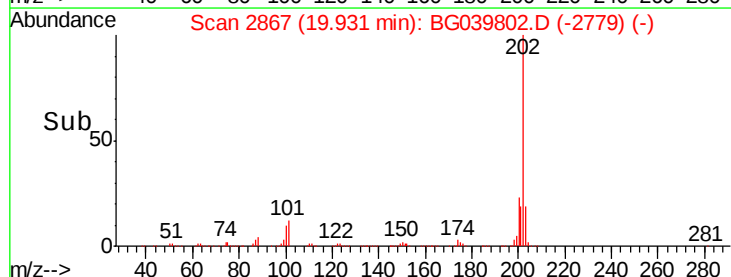
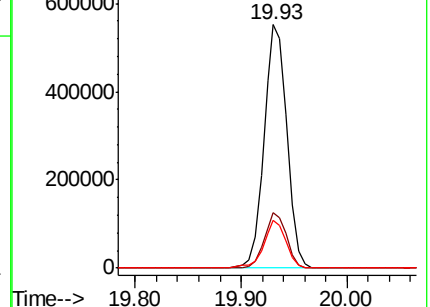
203 19.4 15.3 22.9



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: 74.704 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampled :

PB117686BS

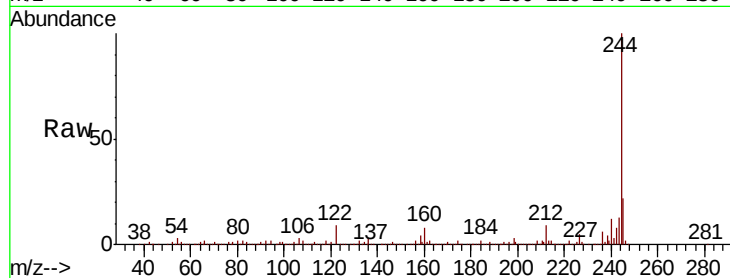
Tgt Ion:244 Resp: 1126735

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

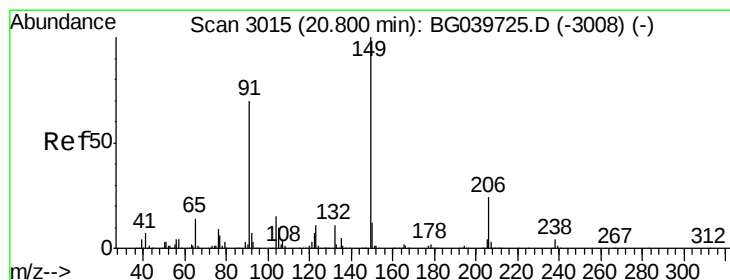
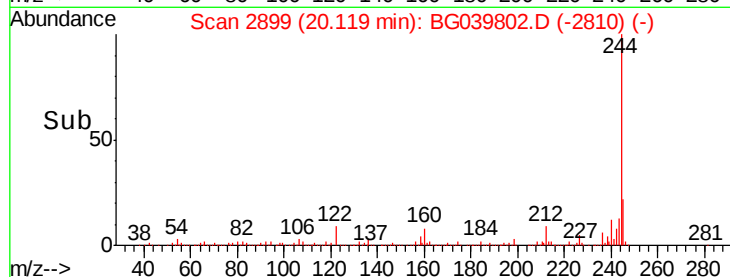
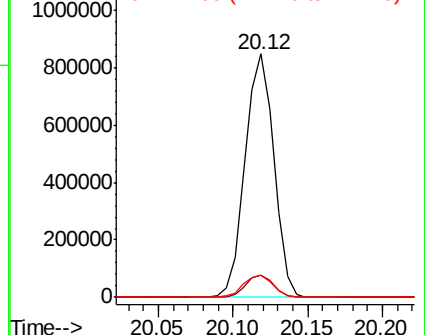
122 9.4 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.541 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

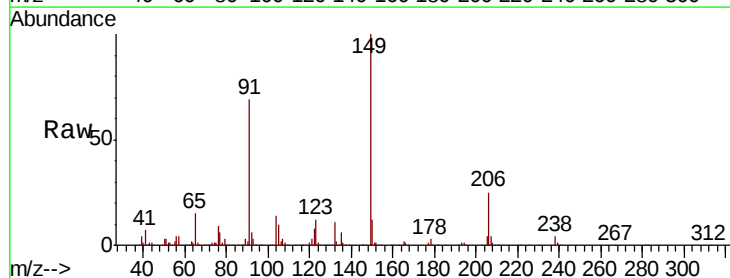
Tgt Ion:149 Resp: 355665

Ion Ratio Lower Upper

149 100

91 68.9 59.5 89.3

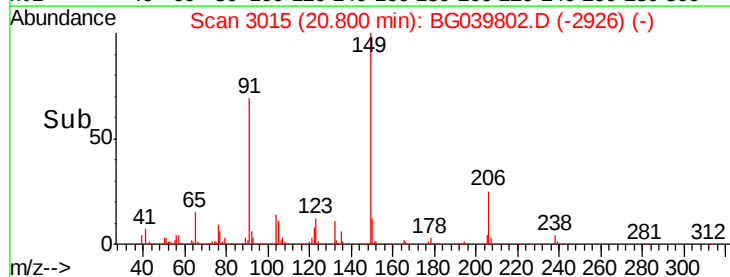
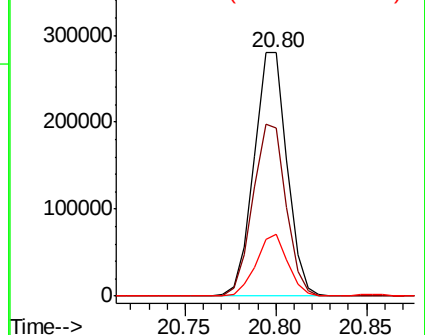
206 25.3 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

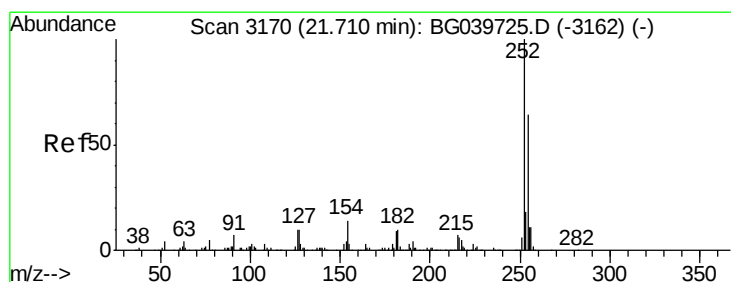
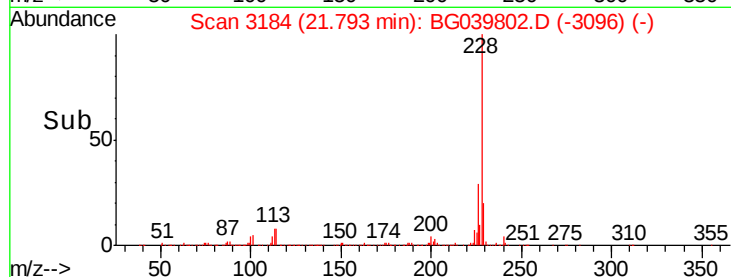
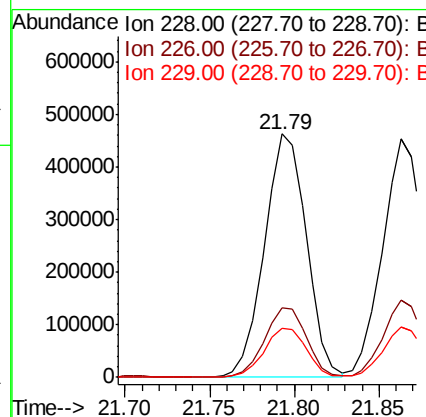
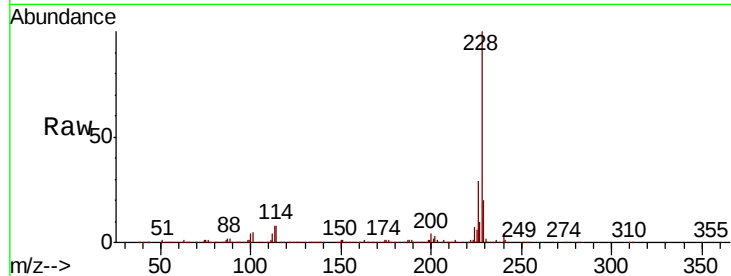




#81
Benzo(a)anthracene
Concen: 38.055 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

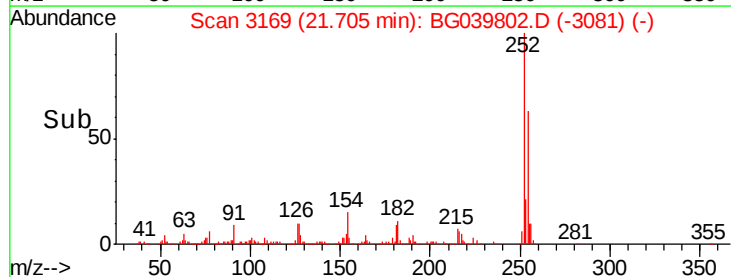
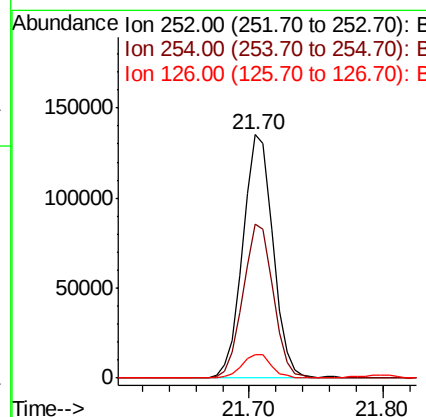
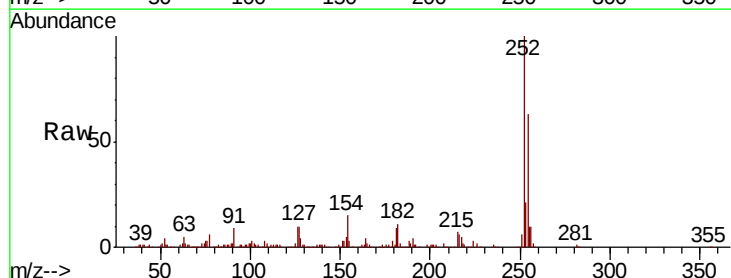
Instrument :
BNA_G
ClientSampleId :
PB117686BS

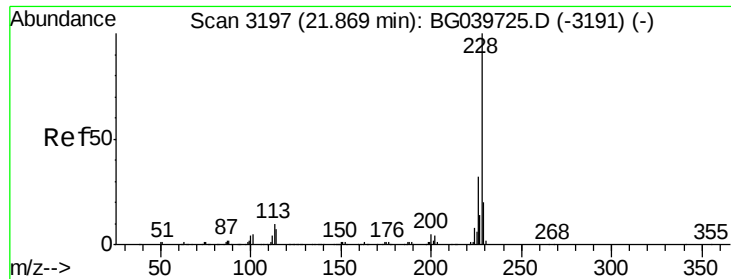
Tgt Ion:228 Resp: 792051
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.6
229 20.3 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 27.756 ng
RT: 21.70 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:252 Resp: 210911
Ion Ratio Lower Upper
252 100
254 63.3 51.3 76.9
126 9.6 8.0 12.0





#83

Chrysene

Concen: 37.783 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

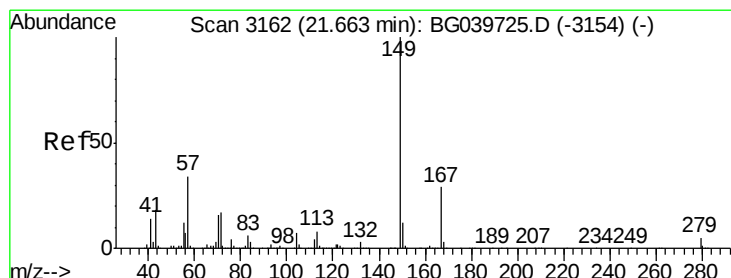
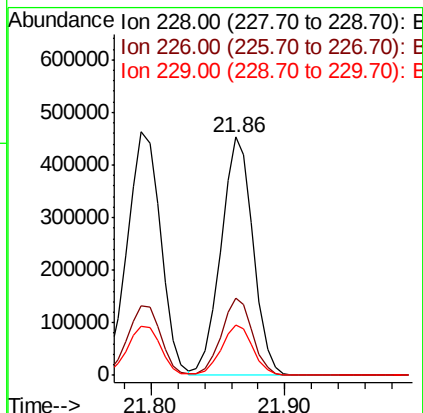
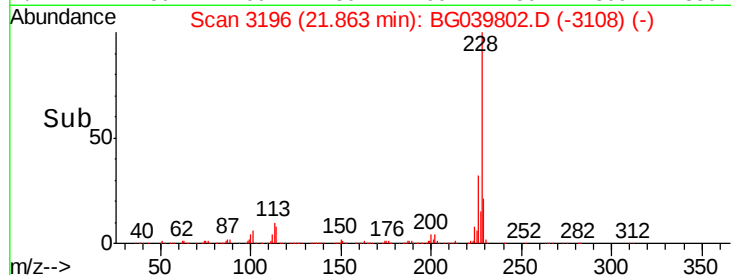
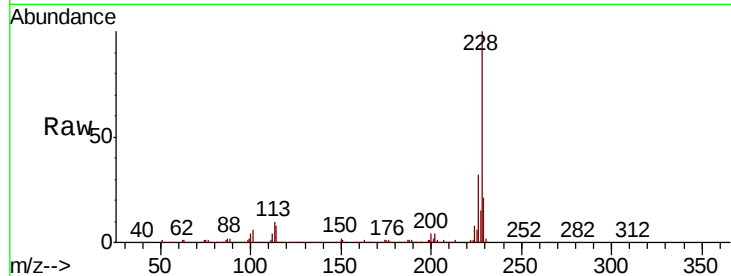
Tgt Ion:228 Resp: 762382

Ion Ratio Lower Upper

228 100

226 32.2 25.8 38.6

229 21.3 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.122 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

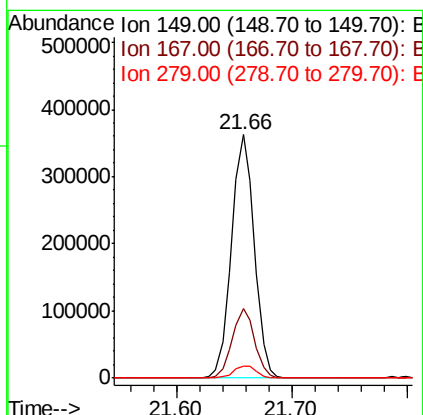
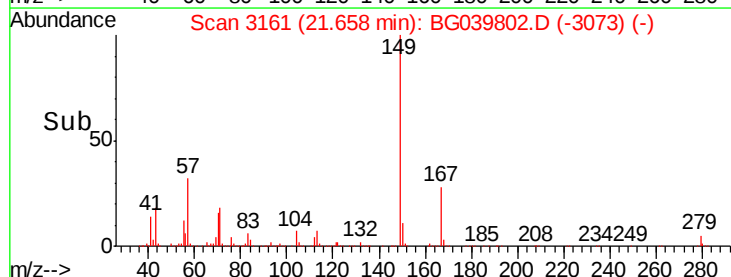
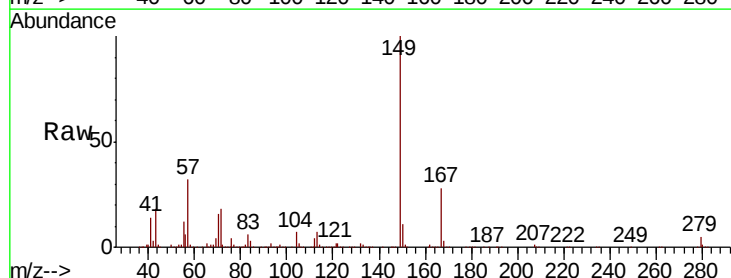
Tgt Ion:149 Resp: 494867

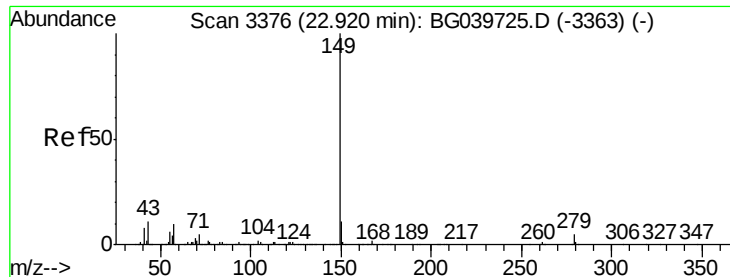
Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

279 5.0 3.5 5.3

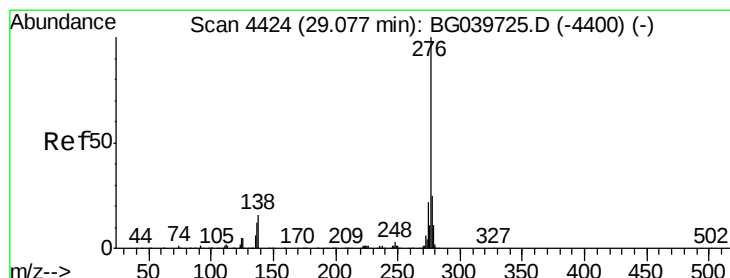
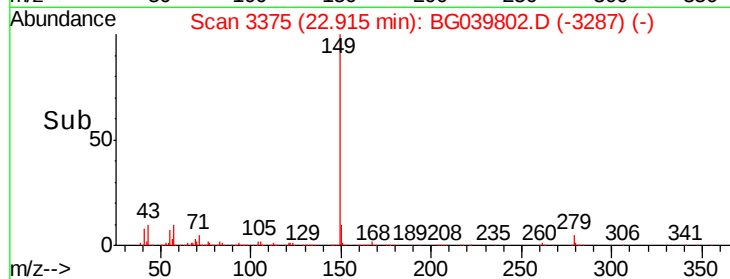
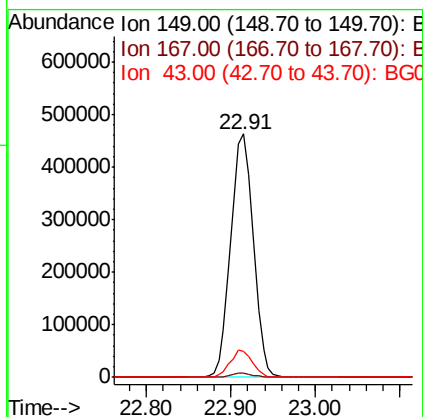
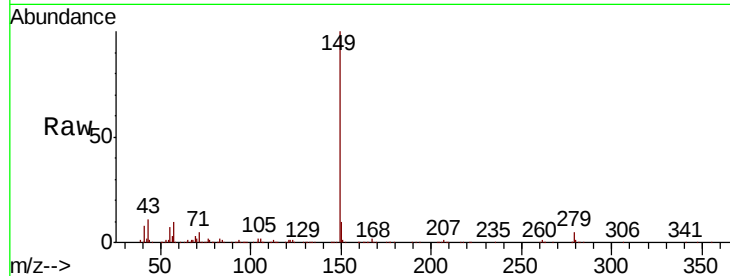




#85
Di-n-octyl phthalate
Concen: 43.604 ng
RT: 22.91 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

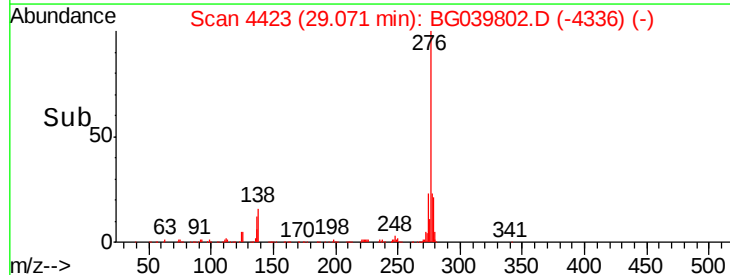
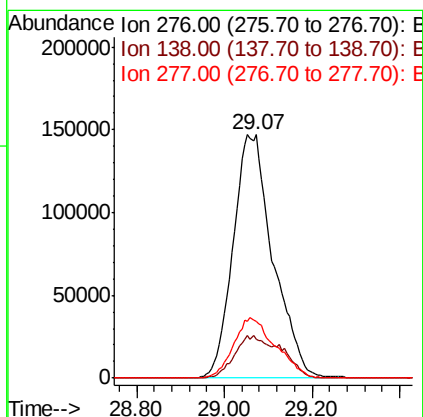
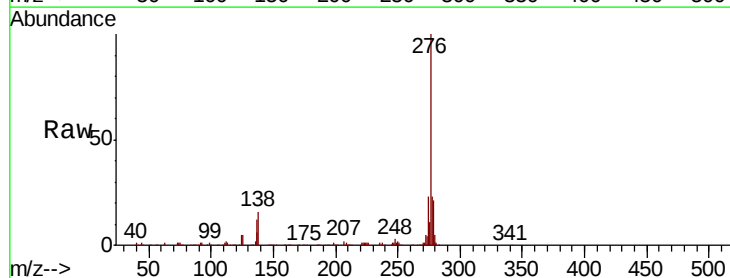
Instrument :
BNA_G
ClientSampleId :
PB117686BS

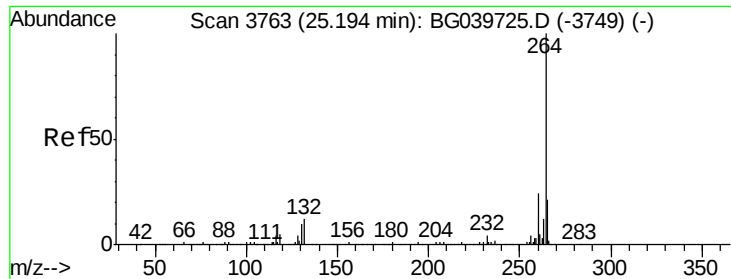
Tgt Ion:149 Resp: 848231
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.730 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:276 Resp: 909460
Ion Ratio Lower Upper
276 100
138 14.2 12.6 19.0
277 25.9 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: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

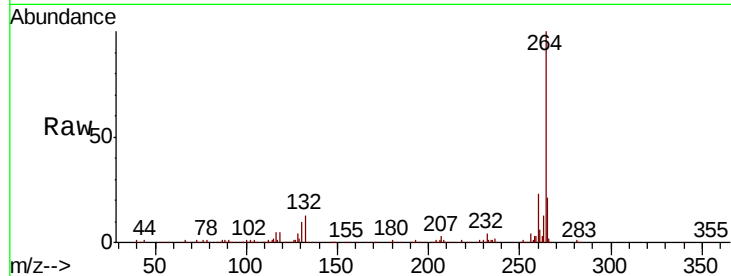
Tgt Ion:264 Resp: 318682

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

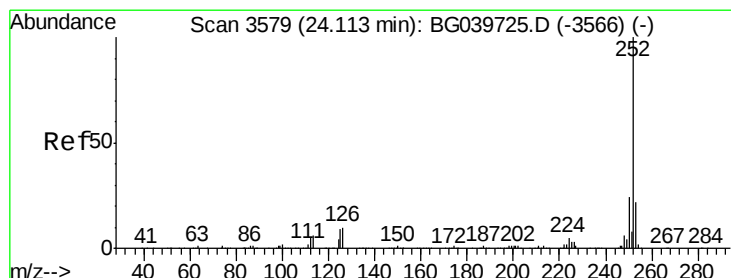
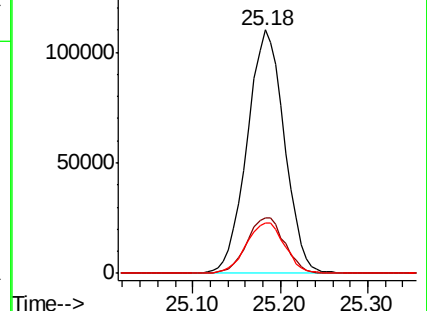
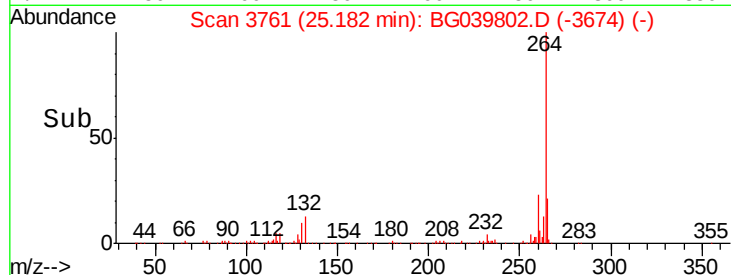
265 20.8 18.5 27.7



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: 42.416 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

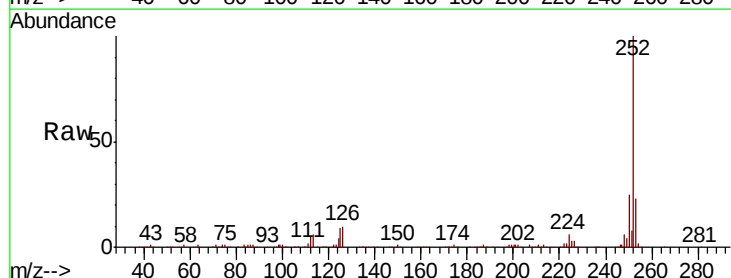
Tgt Ion:252 Resp: 806057

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

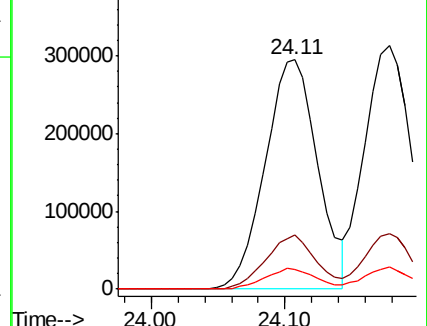
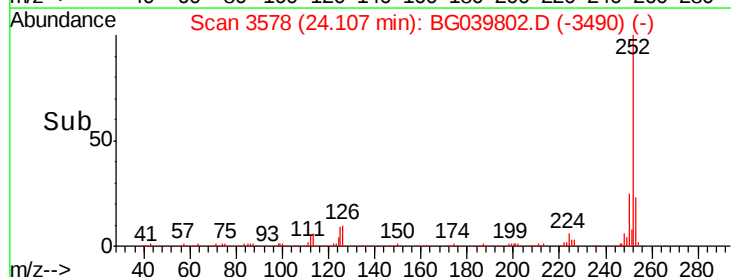
125 8.8 7.8 11.6

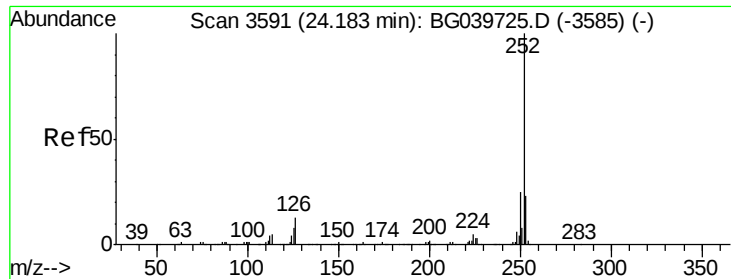


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

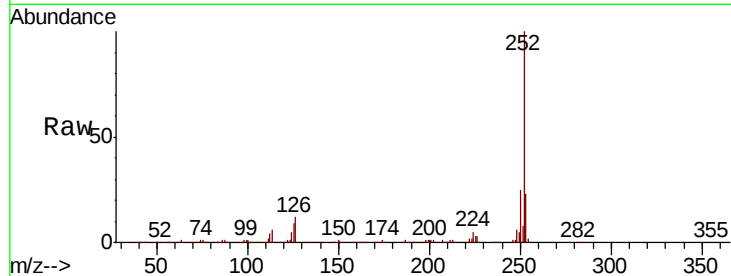




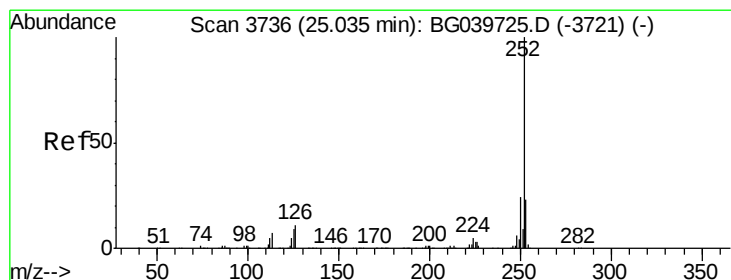
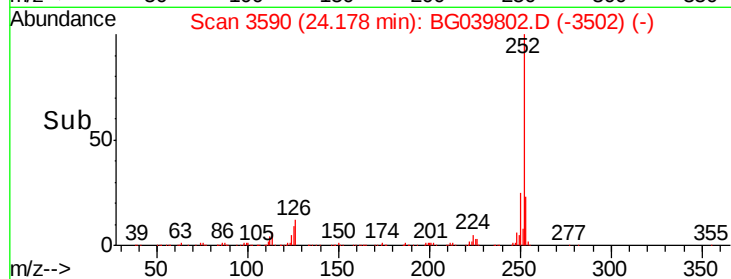
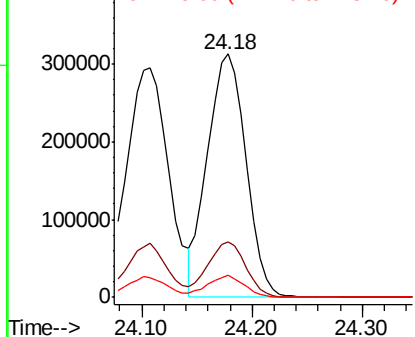
#89
Benzo(k)fluoranthene
Concen: 42.757 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Instrument :
BNA_G
ClientSampleId :
PB117686BS

Tgt Ion:252 Resp: 756352
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.9 7.4 11.2

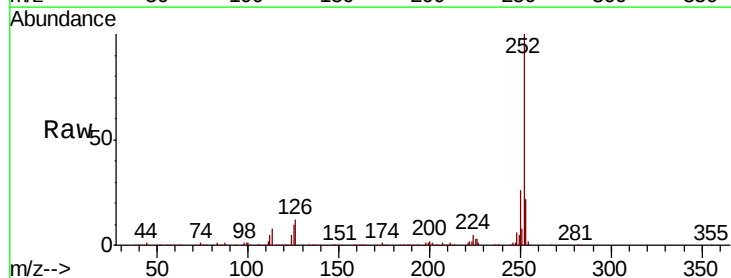


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

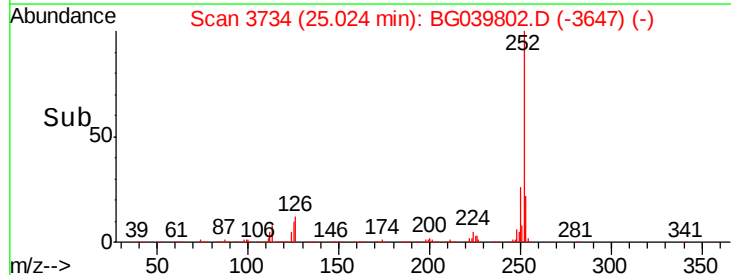
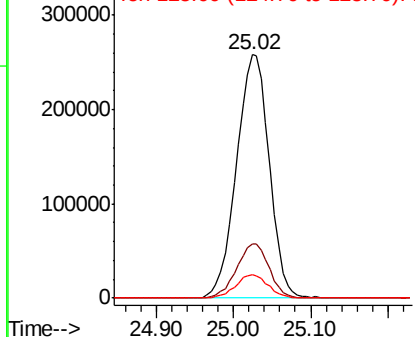


#90
Benzo(a)pyrene
Concen: 43.714 ng
RT: 25.02 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039802.D
Acq: 7 Mar 2019 14:53

Tgt Ion:252 Resp: 767644
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.7 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.734 ng

RT: 29.13 min Scan# 4433

Delta R.T. -0.02 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

Instrument :

BNA_G

ClientSampleId :

PB117686BS

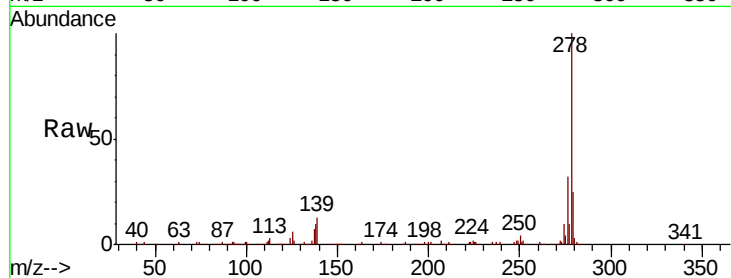
Tgt Ion:278 Resp: 735682

Ion Ratio Lower Upper

278 100

139 13.2 11.7 17.5

279 25.2 19.1 28.7

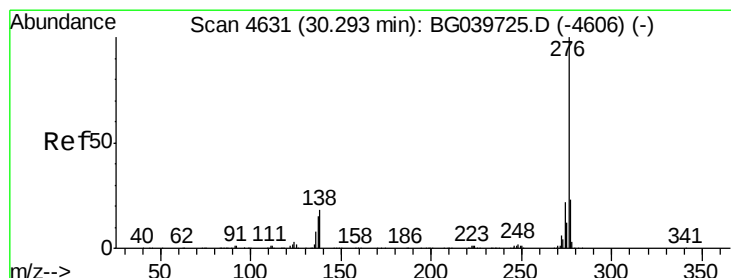
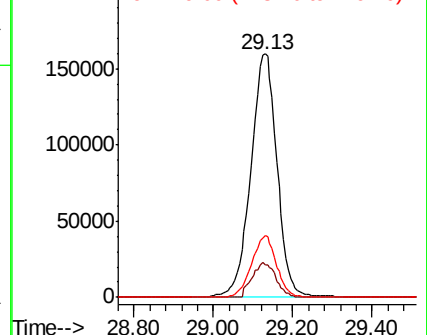
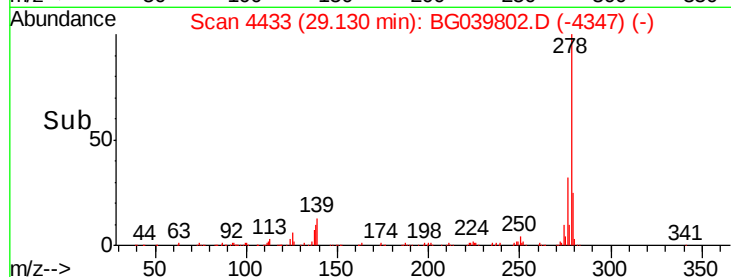


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.237 ng

RT: 30.28 min Scan# 4629

Delta R.T. -0.03 min

Lab File: BG039802.D

Acq: 7 Mar 2019 14:53

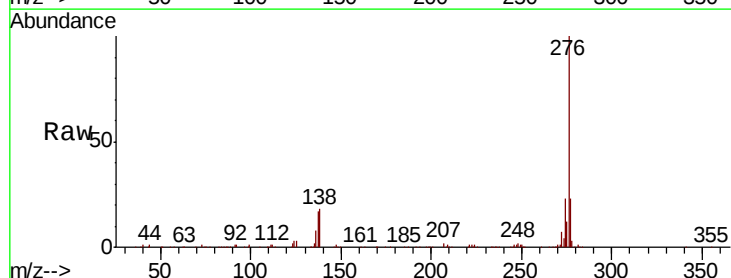
Tgt Ion:276 Resp: 747572

Ion Ratio Lower Upper

276 100

277 22.9 19.6 29.4

138 18.1 14.7 22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

