

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040006.D
 Acq On : 19 Mar 2019 17:19
 Operator : JU/SJ
 Sample : PB118005BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118005BS

Quant Time: Mar 20 04:09:33 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	8.14	152	47121	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	203092	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	133036	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	311621	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	326200	20.00	ng	-0.02
87) Perylene-d12	25.17	264	320829	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	381721	138.20	ng	-0.01
7) Phenol-d6	7.30	99	520132	126.29	ng	-0.01
23) Nitrobenzene-d5	9.32	82	305351	81.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	193666	124.89	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	704354	75.38	ng	-0.02
79) Terphenyl-d14	20.11	244	1110896	74.98	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	40073	31.426	ng	97
3) Pyridine	3.98	79	89728	26.284	ng	95
4) n-Nitrosodimethylamine	3.90	42	65682	40.557	ng	# 98
6) Aniline	7.47	93	170066	31.519	ng	98
8) 2-Chlorophenol	7.71	128	130798	39.034	ng	99
9) Benzaldehyde	7.29	77	74856	28.177	ng	99
10) Phenol	7.33	94	177975	39.891	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	128359	36.900	ng	97
12) 1,3-Dichlorobenzene	8.03	146	136910	36.126	ng	97
13) 1,4-Dichlorobenzene	8.18	146	140432	36.379	ng	97
14) 1,2-Dichlorobenzene	8.50	146	135607	36.359	ng	96
15) Benzyl Alcohol	8.38	79	126018	38.574	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	268202	38.551	ng	99
17) 2-Methylphenol	8.58	107	113863	40.024	ng	99
18) Hexachloroethane	9.22	117	50962	36.793	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	103801	35.017	ng	95
20) 3+4-Methylphenols	8.91	107	151967	38.452	ng	98
22) Acetophenone	8.97	105	198226	36.366	ng	# 98
24) Nitrobenzene	9.37	77	157813	40.060	ng	99
25) Isophorone	9.88	82	295758	37.589	ng	99
26) 2-Nitrophenol	10.07	139	75619	39.757	ng	# 93
27) 2,4-Dimethylphenol	10.12	122	131063	44.306	ng	92
28) bis(2-Chloroethoxy)methane	10.36	93	175874	36.782	ng	96
29) 2,4-Dichlorophenol	10.60	162	140391	42.153	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	145427	38.804	ng	98
31) Naphthalene	11.02	128	412182	38.332	ng	99
32) Benzoic acid	10.26	122	68471	35.676	ng	92
33) 4-Chloroaniline	11.13	127	102287	22.433	ng	97
34) Hexachlorobutadiene	11.27	225	97432	38.045	ng	94
35) Caprolactam	11.92	113	24038	18.894	ng	98
36) 4-Chloro-3-methylphenol	12.23	107	149853	39.250	ng	99
37) 2-Methylnaphthalene	12.61	142	305267	37.973	ng	99
38) 1-Methylnaphthalene	12.83	142	293484	37.566	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	168773	37.448	ng	99

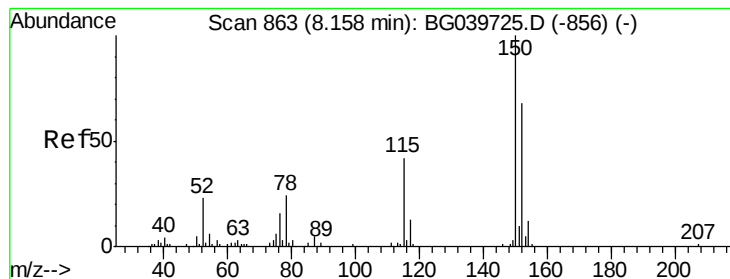
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	229259	94.920	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	113848	43.147	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	121908	40.989	ng	97
46) 1,1'-Biphenyl	13.61	154	411662	37.622	ng	98
47) 2-Chloronaphthalene	13.65	162	315726	38.355	ng	98
48) 2-Nitroaniline	13.87	65	109003	41.205	ng	98
49) Acenaphthylene	14.50	152	508904	37.660	ng	98
50) Dimethylphthalate	14.22	163	416858	37.473	ng	98
51) 2,6-Dinitrotoluene	14.35	165	95263	40.395	ng	98
52) Acenaphthene	14.83	154	307069	37.755	ng	99
53) 3-Nitroaniline	14.69	138	66751	28.158	ng	# 97
54) 2,4-Dinitrophenol	14.89	184	119324	80.217	ng	97
55) Dibenzofuran	15.17	168	502607	37.665	ng	98
56) 4-Nitrophenol	14.99	139	158530	74.755	ng	91
57) 2,4-Dinitrotoluene	15.13	165	134550	40.604	ng	92
58) Fluorene	15.82	166	391939	37.363	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	119194	41.036	ng	100
60) Diethylphthalate	15.57	149	424487	38.547	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	209604	37.444	ng	99
62) 4-Nitroaniline	15.85	138	99025	38.531	ng	97
63) Azobenzene	16.10	77	391914	39.261	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	82781	44.928	ng	97
66) n-Nitrosodiphenylamine	16.02	169	366990	40.679	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	136192	39.045	ng	95
68) Hexachlorobenzene	16.81	284	139120	38.477	ng	98
69) Atrazine	16.96	200	138722	39.071	ng	97
70) Pentachlorophenol	17.16	266	180386	78.997	ng	98
71) Phenanthrene	17.56	178	660216	38.464	ng	99
72) Anthracene	17.65	178	669065	40.000	ng	98
73) Carbazole	17.92	167	590990	39.192	ng	98
74) Di-n-butylphthalate	18.45	149	723267	40.766	ng	99
75) Fluoranthene	19.56	202	802834	39.577	ng	98
77) Benzidine	19.74	184	389887	37.666	ng	100
78) Pyrene	19.93	202	796240	37.564	ng	98
80) Butylbenzylphthalate	20.79	149	349737	42.588	ng	97
81) Benzo(a)anthracene	21.78	228	789864	38.636	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	205729	27.563	ng	98
83) Chrysene	21.85	228	751693	37.926	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	489076	42.381	ng	98
85) Di-n-octyl phthalate	22.90	149	833594	43.626	ng	96
86) Indeno(1,2,3-cd)pyrene	29.03	276	905495	40.272	ng	98
88) Benzo(b)fluoranthene	24.16	252	750995	39.254	ng	98
89) Benzo(k)fluoranthene	24.16	252	750995	42.170	ng	99
90) Benzo(a)pyrene	25.01	252	772734	43.710	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	730729	42.162	ng	98
92) Benzo(g,h,i)perylene	30.27	276	750375	43.109	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampled :

PB118005BS

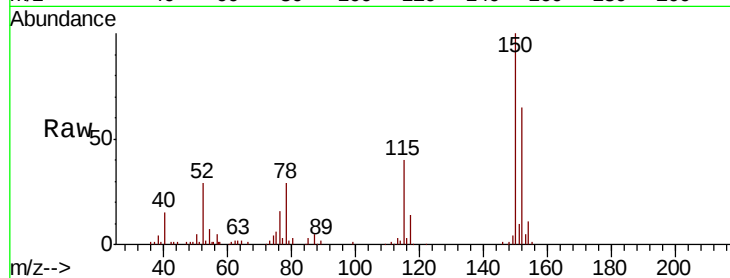
Tgt Ion:152 Resp: 47121

Ion Ratio Lower Upper

152 100

150 153.4 123.7 185.5

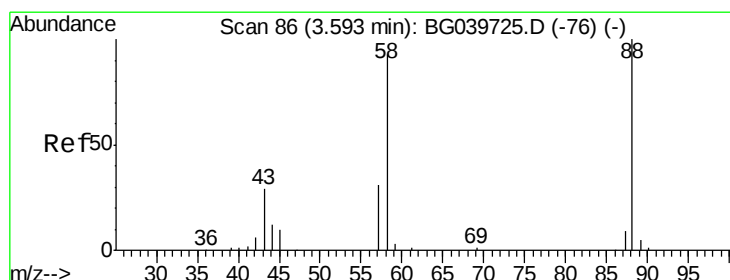
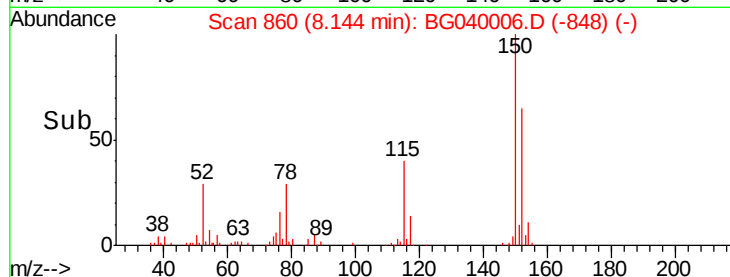
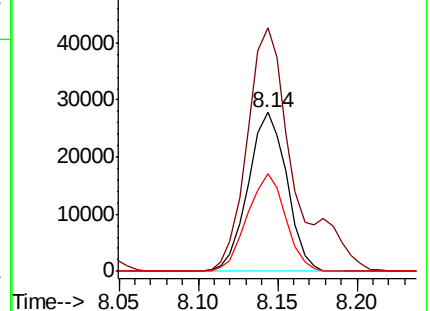
115 61.9 45.9 68.9



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: 31.426 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.03 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

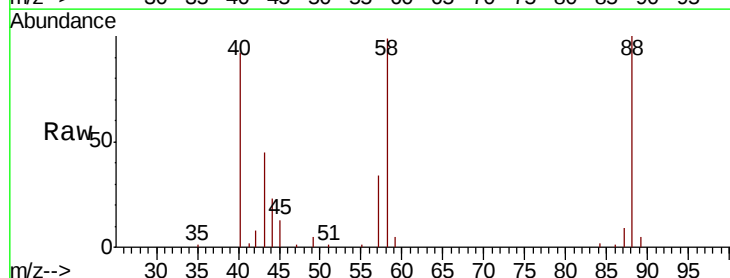
Tgt Ion: 88 Resp: 40073

Ion Ratio Lower Upper

88 100

58 98.3 81.1 121.7

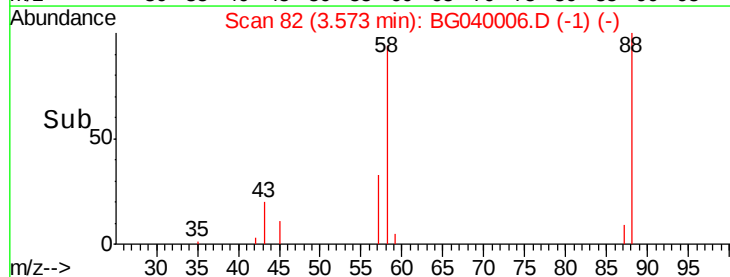
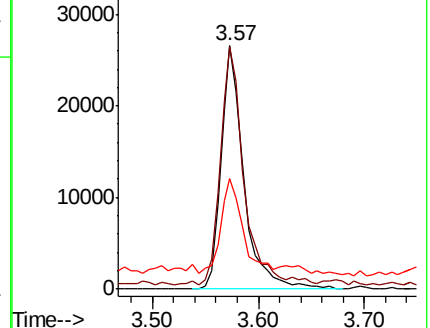
43 37.4 31.4 47.0



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: 26.284 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

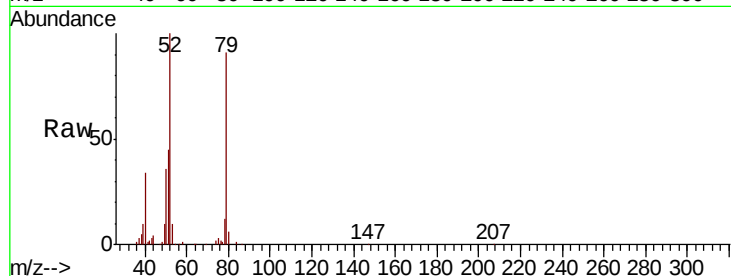
Tgt Ion: 79 Resp: 89728

Ion Ratio Lower Upper

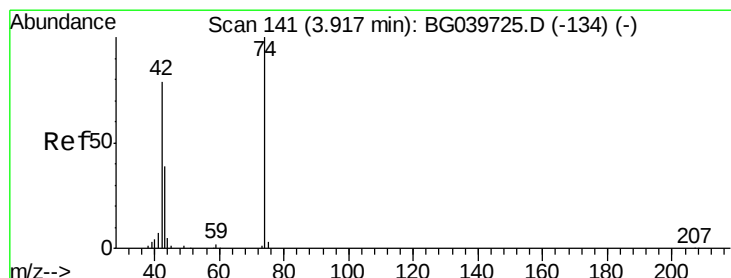
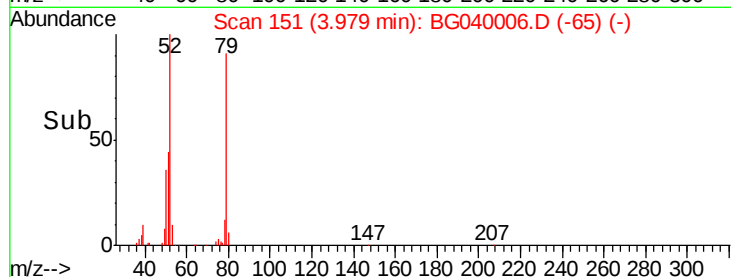
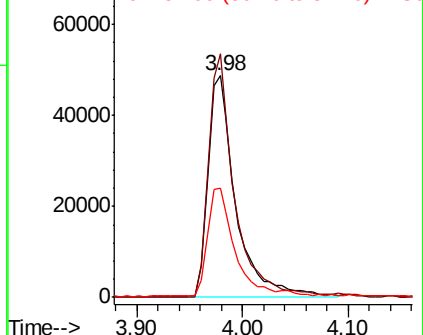
79 100

52 109.8 82.6 124.0

51 49.2 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 40.557 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

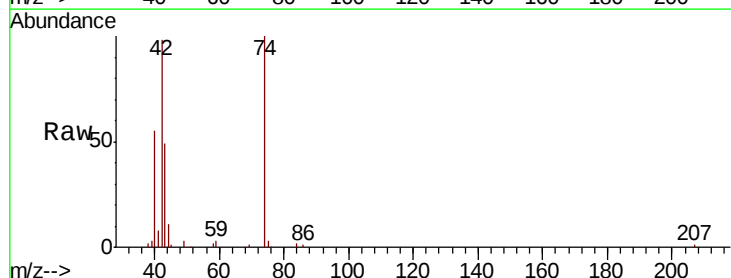
Tgt Ion: 42 Resp: 65682

Ion Ratio Lower Upper

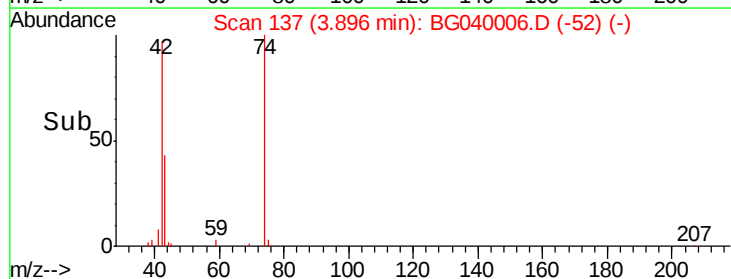
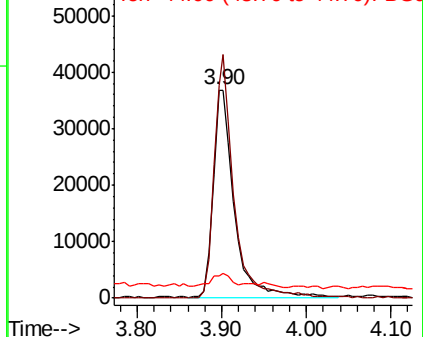
42 100

74 102.5 83.6 125.4

44 10.8 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 138.202 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

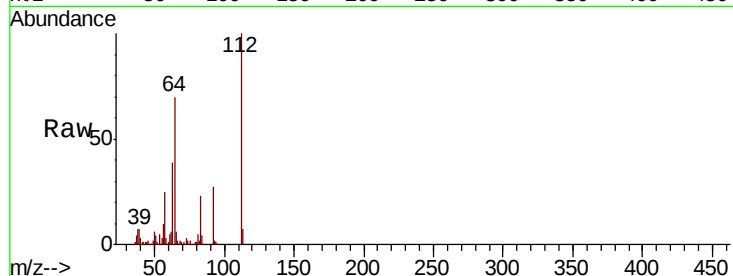
Tgt Ion:112 Resp: 381721

Ion Ratio Lower Upper

112 100

64 70.5 57.8 86.8

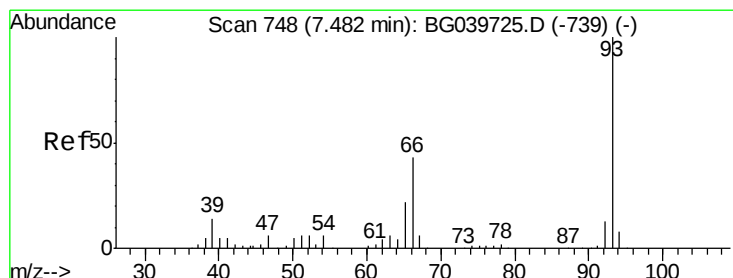
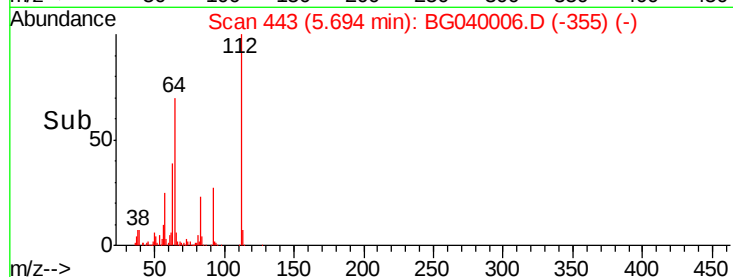
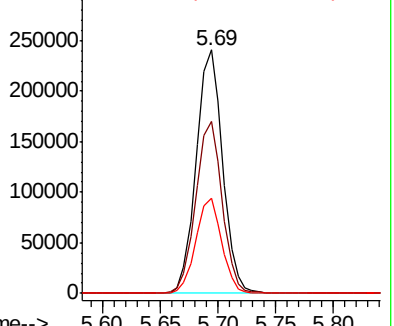
63 38.8 29.8 44.6



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: 31.519 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

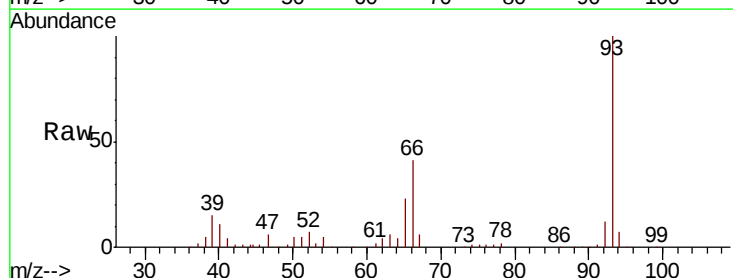
Tgt Ion: 93 Resp: 170066

Ion Ratio Lower Upper

93 100

66 41.5 34.2 51.4

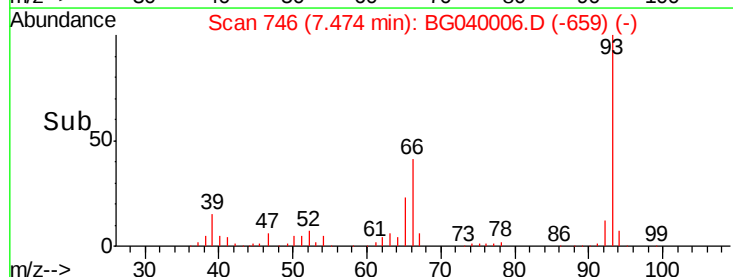
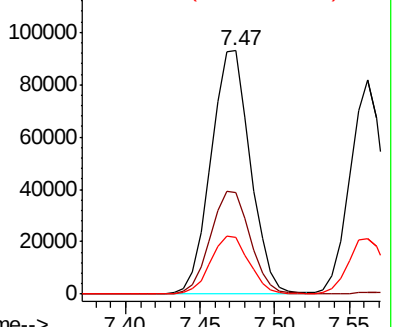
65 23.2 17.7 26.5



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: 126.295 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

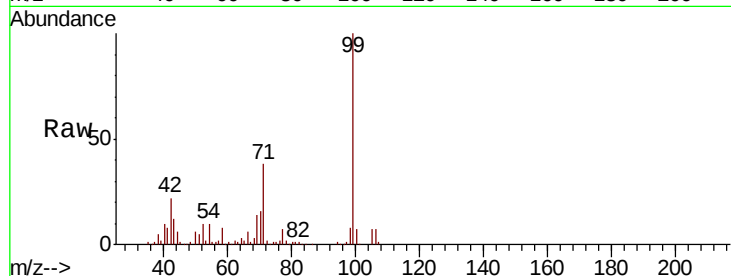
Tgt Ion: 99 Resp: 520132

Ion Ratio Lower Upper

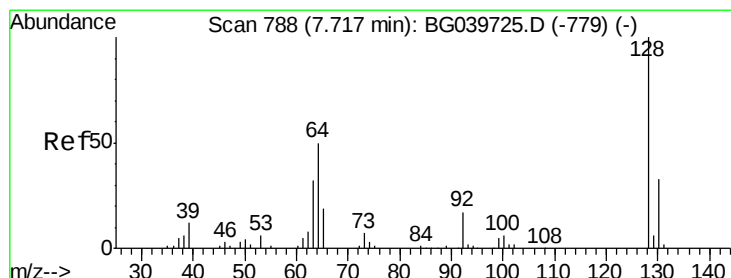
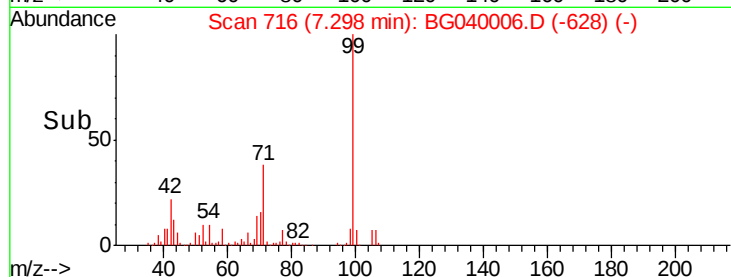
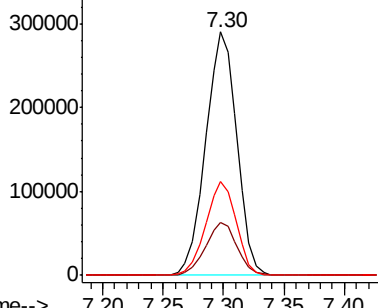
99 100

42 21.5 18.2 27.2

71 38.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.034 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

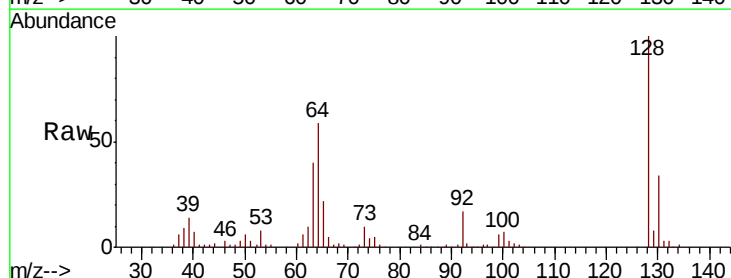
Tgt Ion: 128 Resp: 130798

Ion Ratio Lower Upper

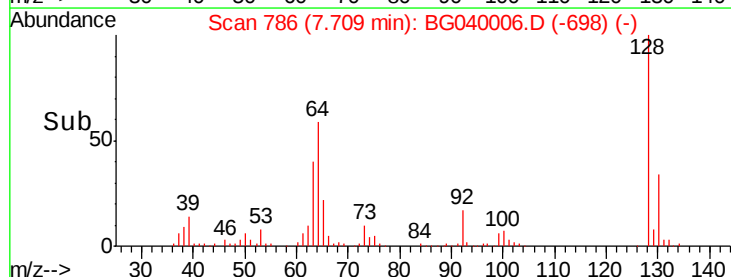
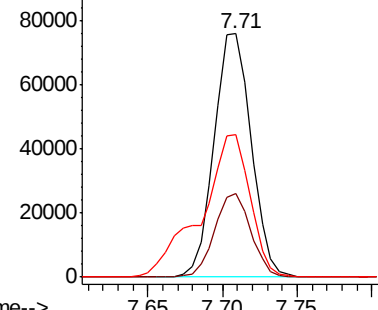
128 100

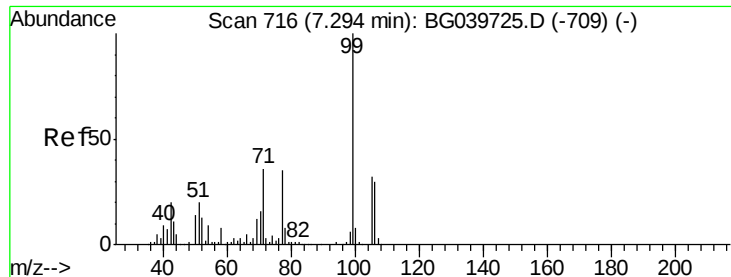
130 34.4 12.9 52.9

64 58.5 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: 28.177 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

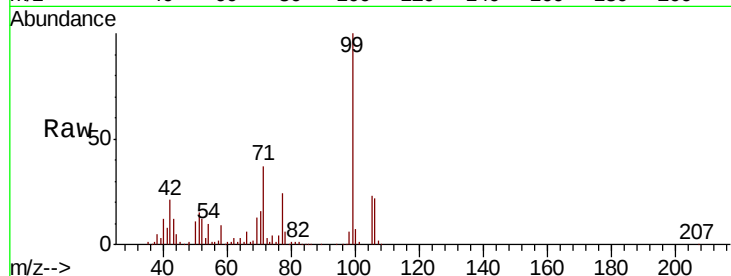
Tgt Ion: 77 Resp: 74856

Ion Ratio Lower Upper

77 100

105 94.8 74.5 114.5

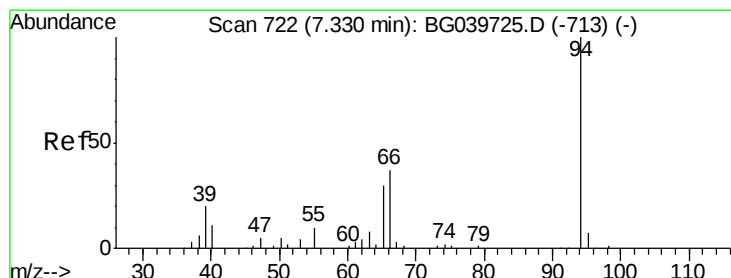
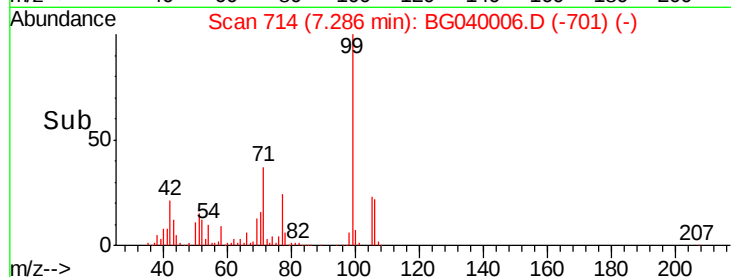
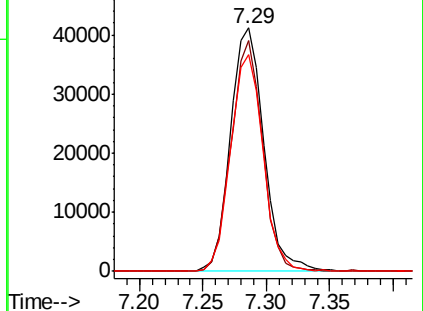
106 89.2 68.0 108.0



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: 39.891 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

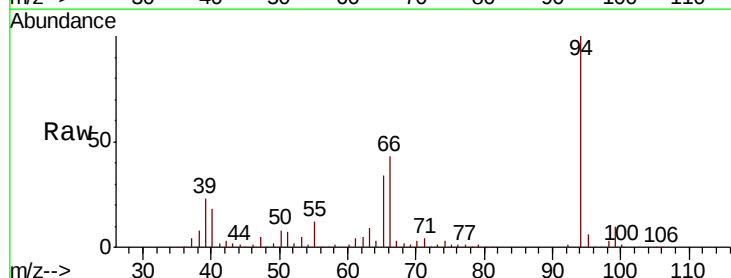
Tgt Ion: 94 Resp: 177975

Ion Ratio Lower Upper

94 100

65 33.7 11.7 51.7

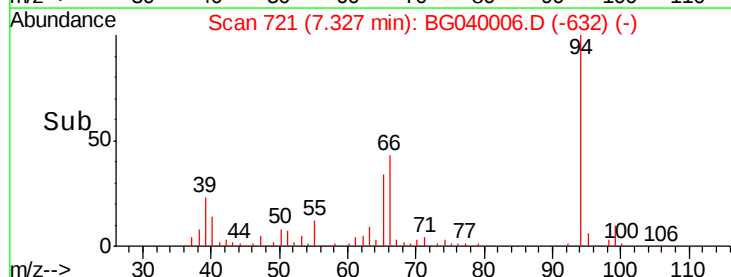
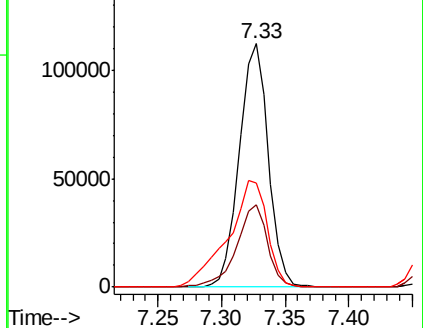
66 42.8 23.7 63.7

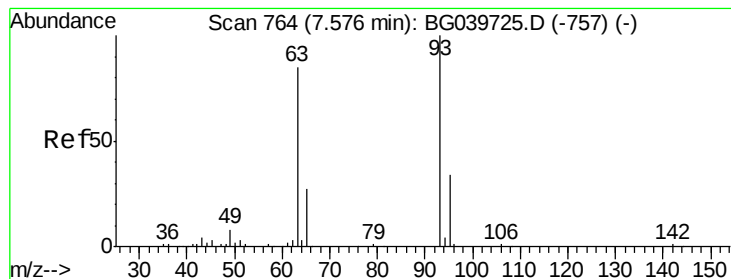


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 36.900 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

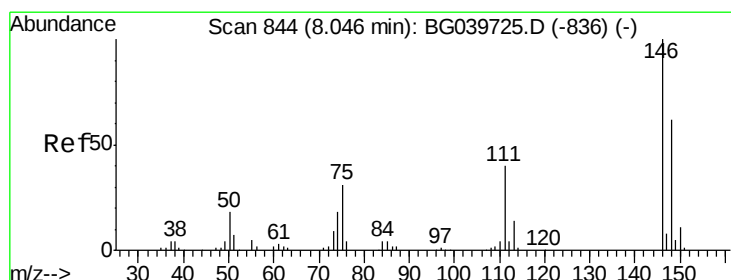
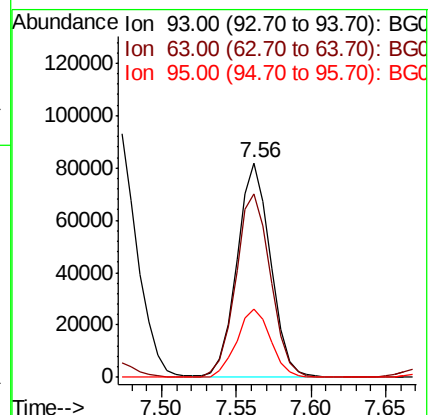
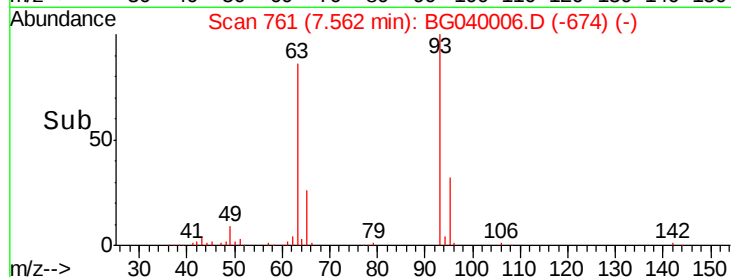
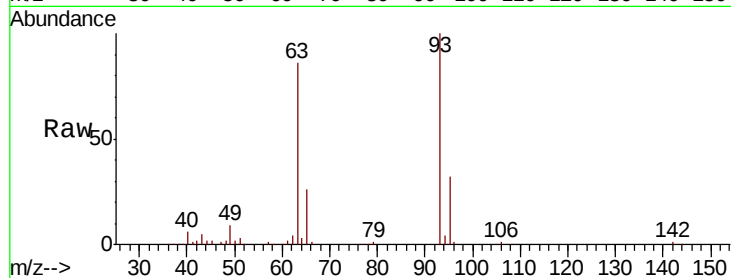
Tgt Ion: 93 Resp: 128359

Ion Ratio Lower Upper

93 100

63 85.7 69.5 109.5

95 32.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 36.126 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

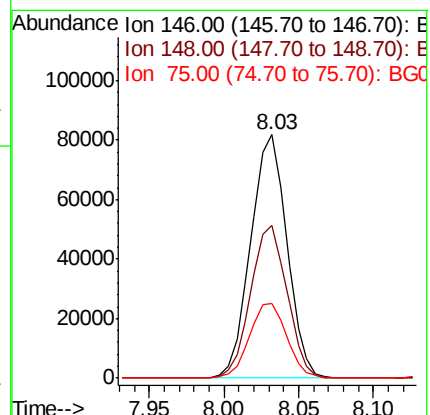
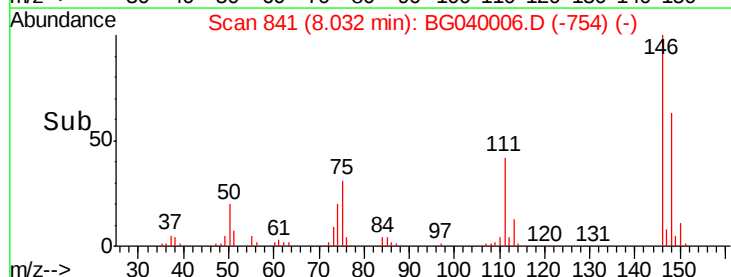
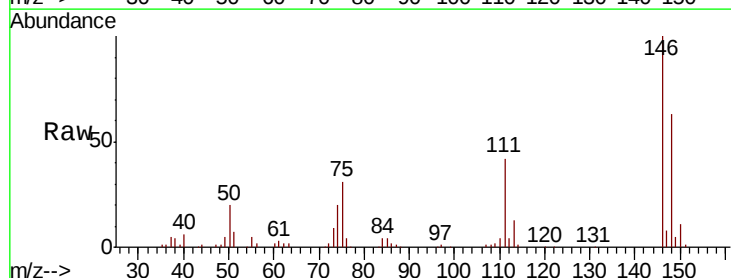
Tgt Ion: 146 Resp: 136910

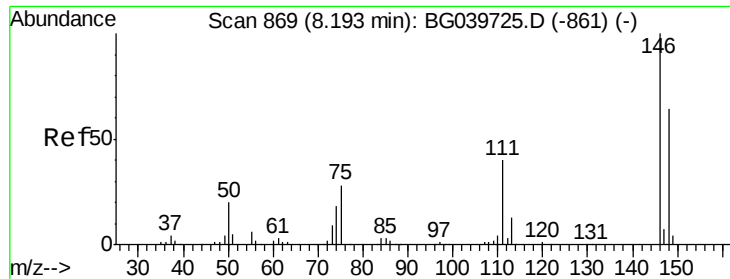
Ion Ratio Lower Upper

146 100

148 62.8 52.6 79.0

75 30.9 25.8 38.6

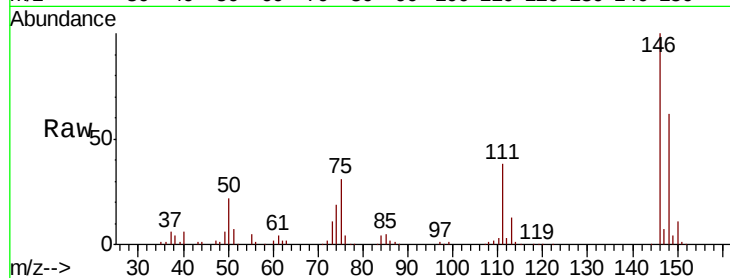




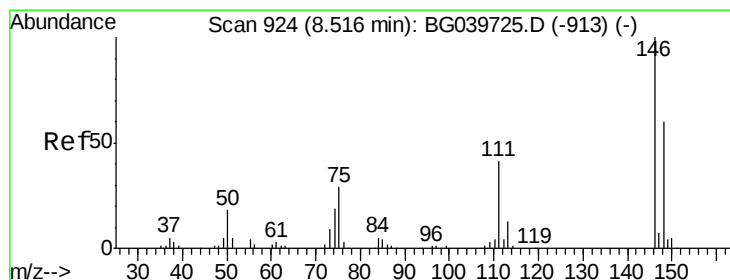
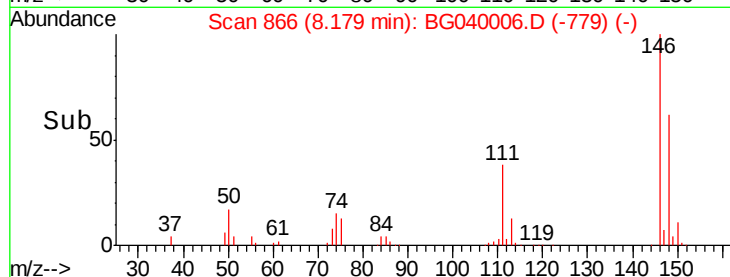
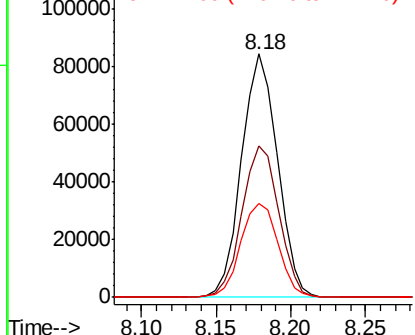
#13
 1,4-Dichlorobenzene
 Concen: 36.379 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB118005BS

Tgt Ion:146 Resp: 140432
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.1 76.7
 111 38.3 32.6 48.8

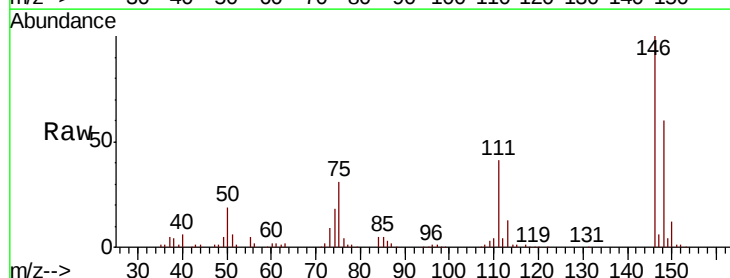


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

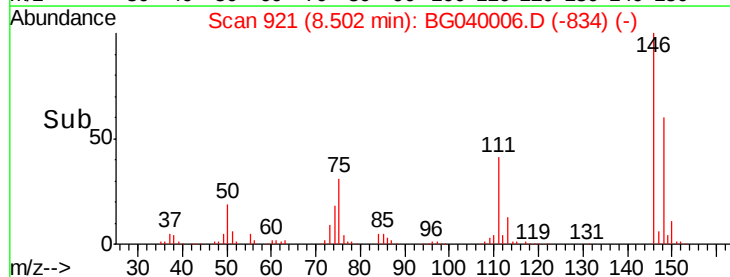
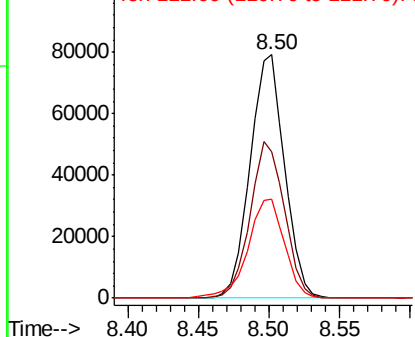


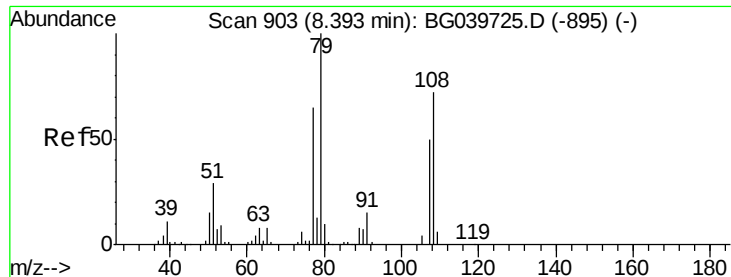
#14
 1,2-Dichlorobenzene
 Concen: 36.359 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Tgt Ion:146 Resp: 135607
 Ion Ratio Lower Upper
 146 100
 148 60.3 51.5 77.3
 111 40.5 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: 38.574 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

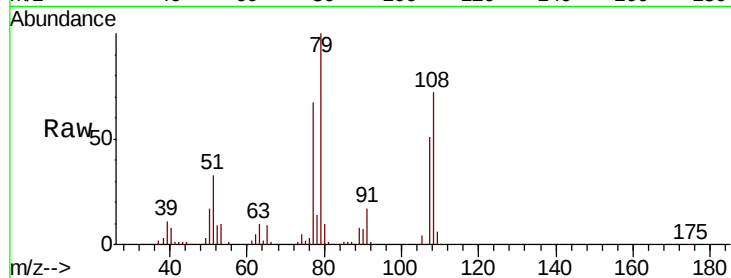
Tgt Ion: 79 Resp: 126018

Ion Ratio Lower Upper

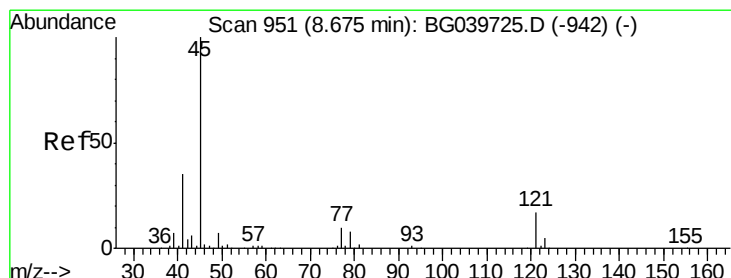
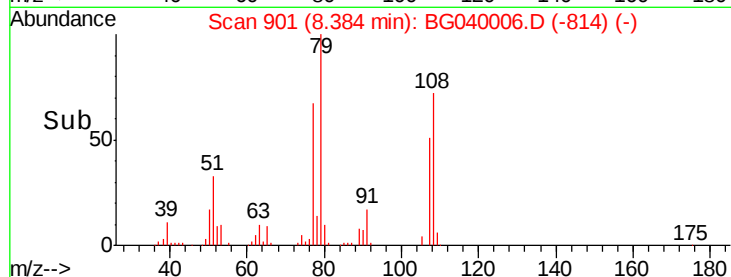
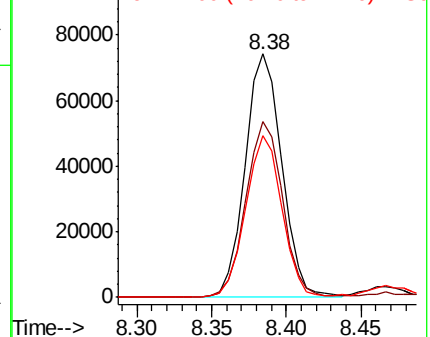
79 100

108 72.4 57.8 86.6

77 66.5 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.551 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

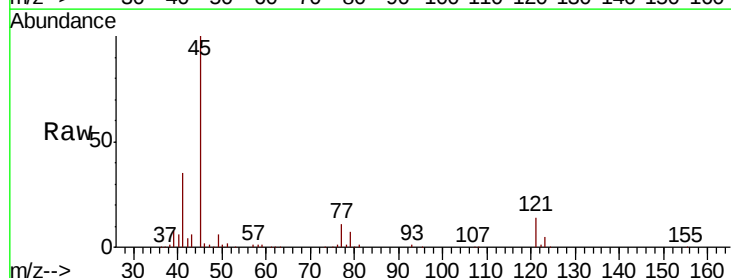
Tgt Ion: 45 Resp: 268202

Ion Ratio Lower Upper

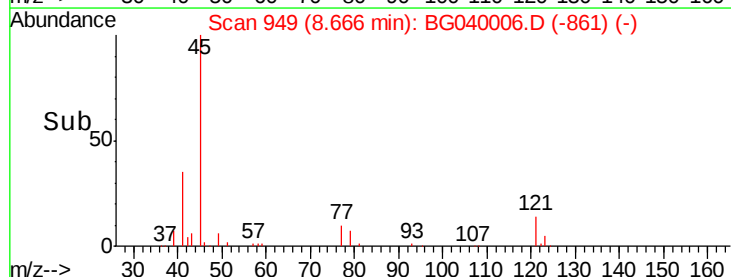
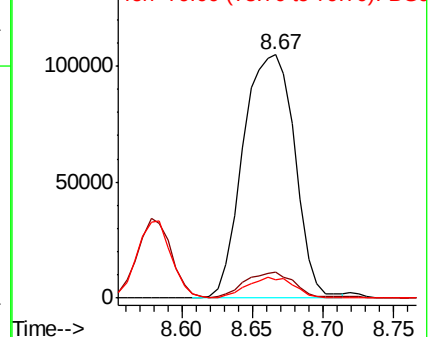
45 100

77 10.6 0.0 30.0

79 7.5 0.0 27.5



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

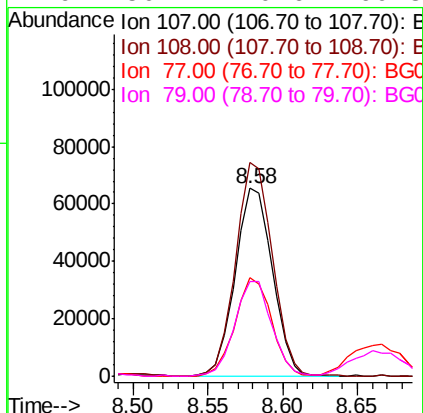
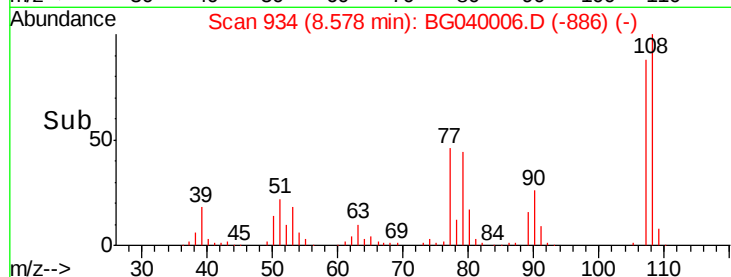
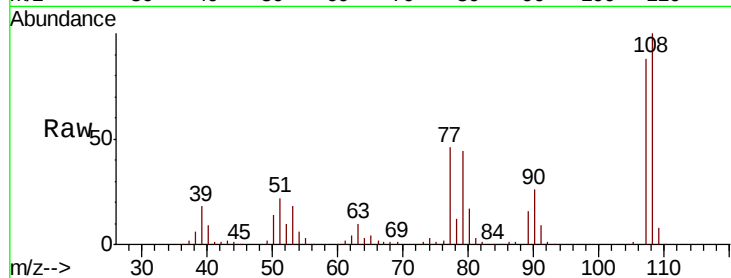




#17
2-Methylphenol
Concen: 40.024 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

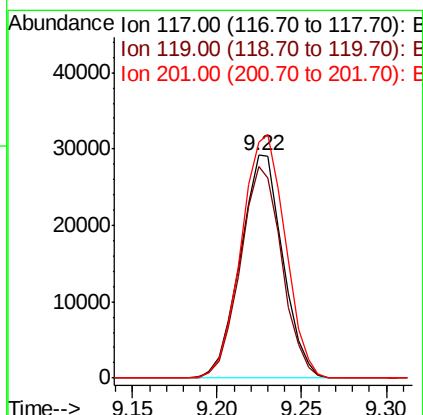
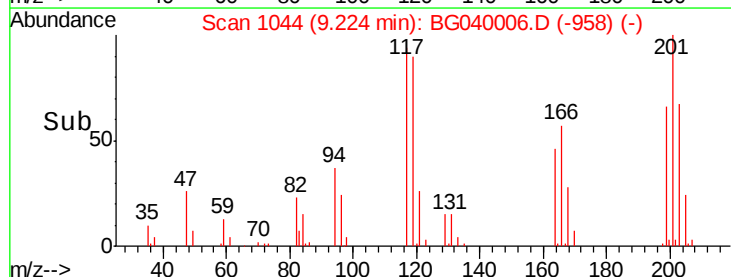
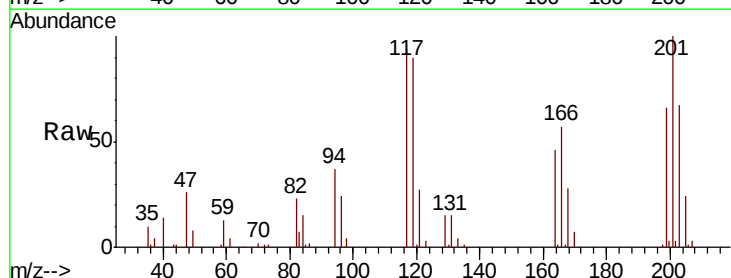
Instrument :
BNA_G
ClientSampleId :
PB118005BS

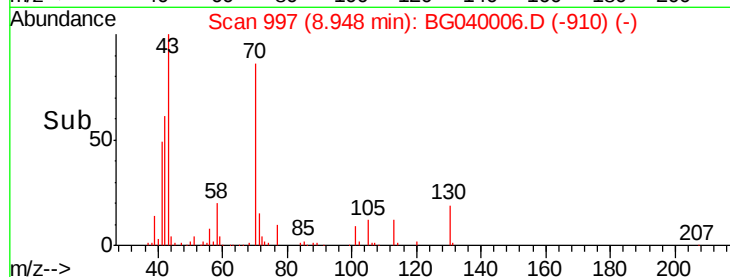
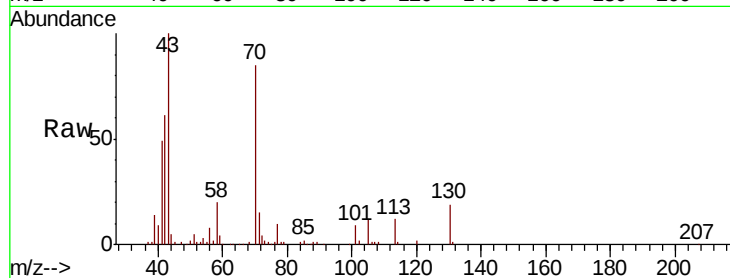
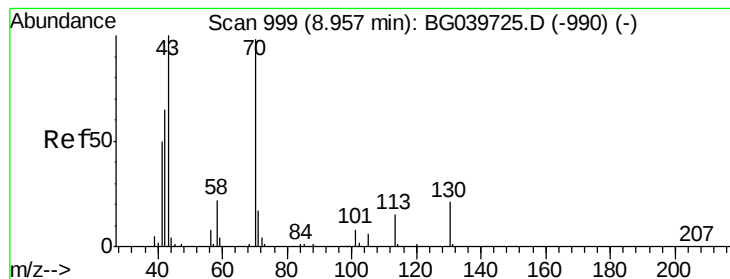
Tgt Ion:107 Resp: 113863
Ion Ratio Lower Upper
107 100
108 113.8 90.8 136.2
77 52.5 40.7 61.1
79 50.2 40.6 60.8



#18
Hexachloroethane
Concen: 36.793 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion:117 Resp: 50962
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5
201 105.9 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 35.017 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

Tgt Ion: 70 Resp: 103801

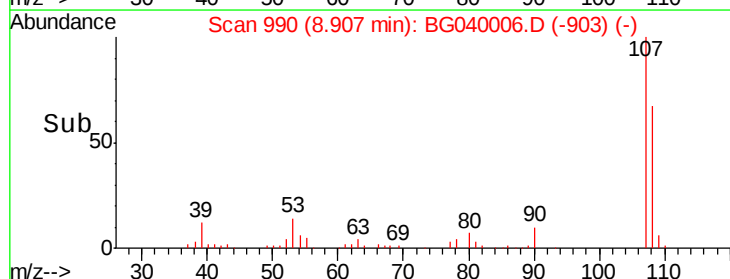
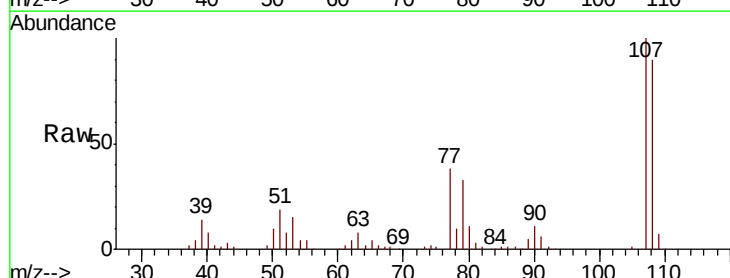
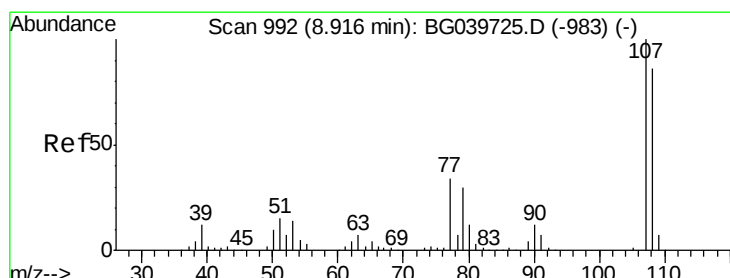
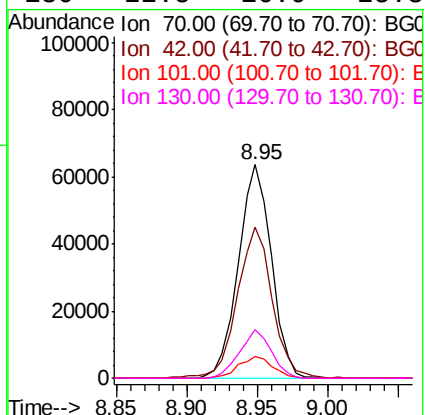
Ion Ratio Lower Upper

70 100

42 71.0 60.4 90.6

101 10.2 7.5 11.3

130 22.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.452 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Tgt Ion: 107 Resp: 151967

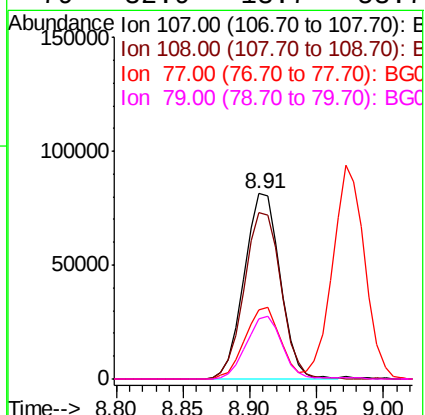
Ion Ratio Lower Upper

107 100

108 89.8 67.9 107.9

77 37.5 15.4 55.4

79 32.9 13.7 53.7

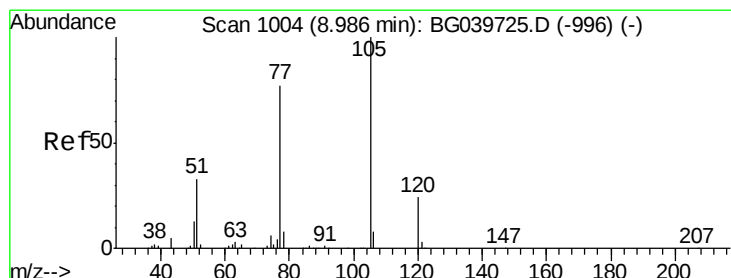
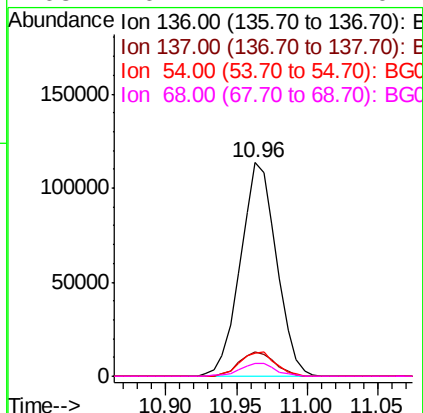
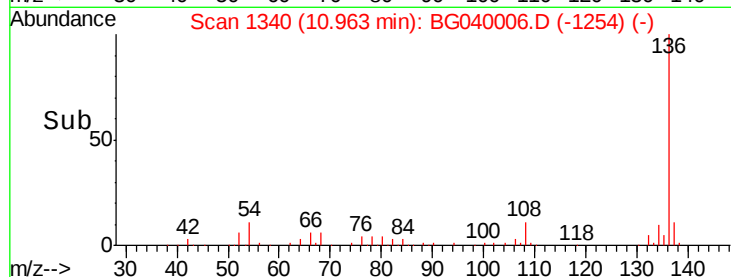
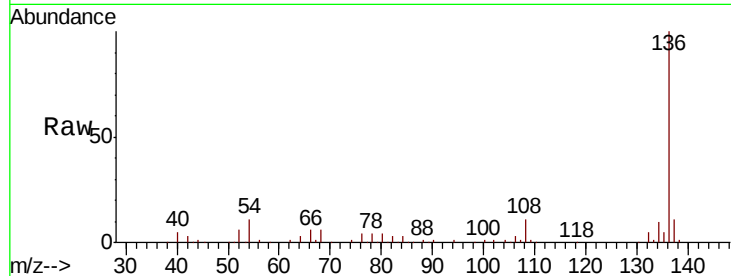




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

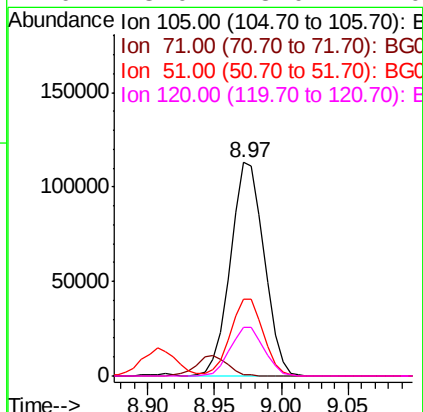
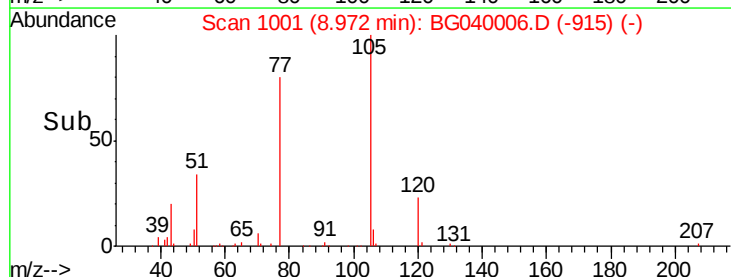
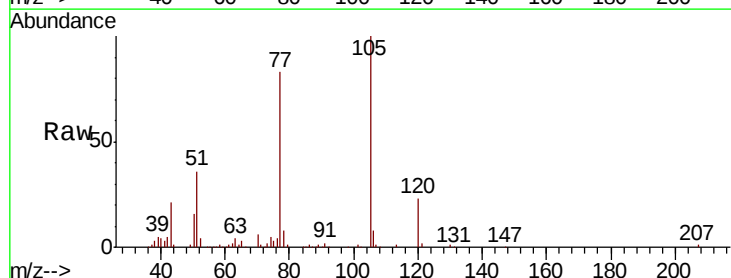
Instrument :
BNA_G
ClientSampleId :
PB118005BS

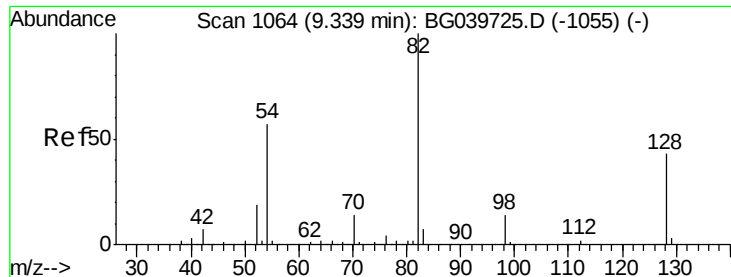
Tgt Ion:	136	Resp:	203092
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.8	9.4	14.2
68	6.2	4.2	6.4



#22
Acetophenone
Concen: 36.366 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion:	105	Resp:	198226
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	35.8	30.2	45.2
120	23.0	18.0	27.0

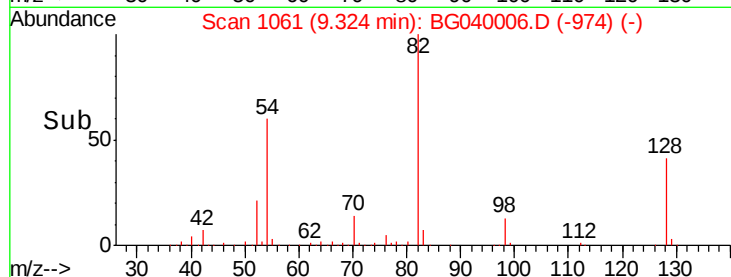
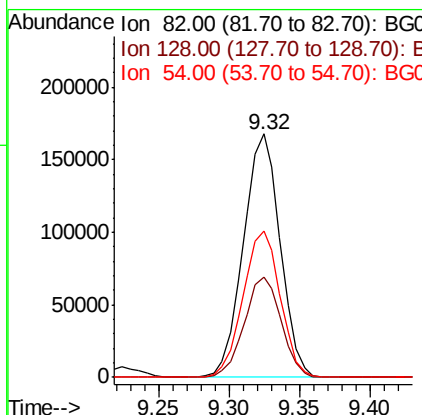
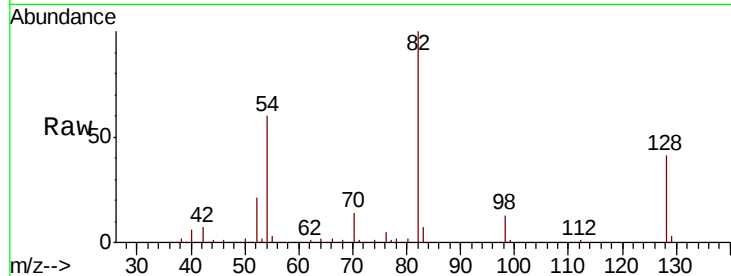




#23
 Nitrobenzene-d5
 Concen: 81.316 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

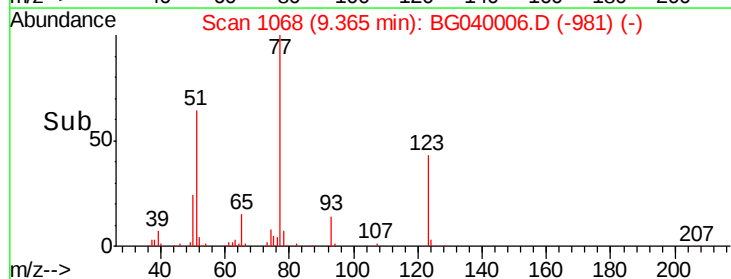
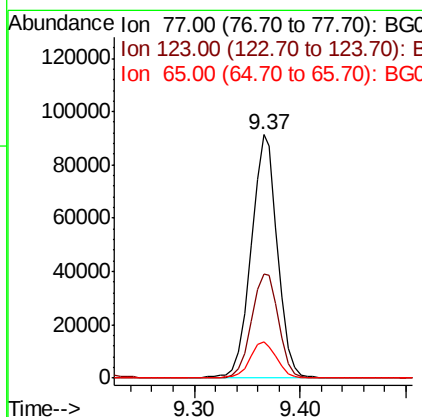
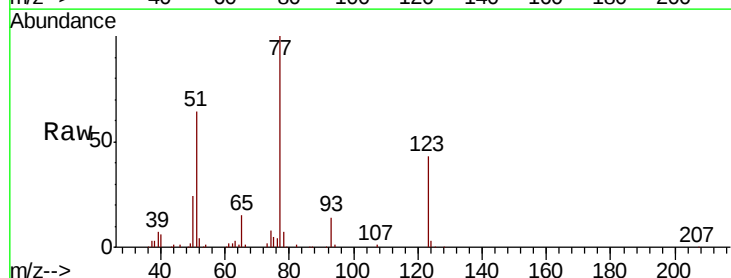
Instrument :
 BNA_G
 ClientSampleId :
 PB118005BS

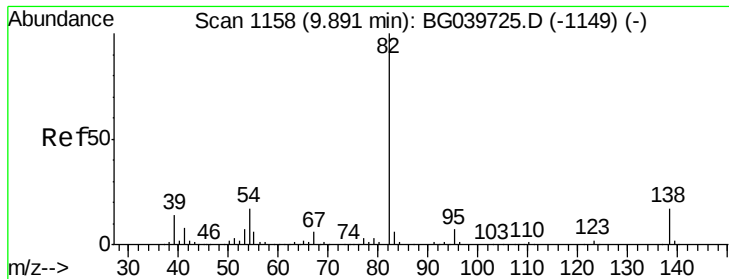
Tgt Ion: 82 Resp: 305351
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.3 46.9
 54 60.1 50.9 76.3



#24
 Nitrobenzene
 Concen: 40.060 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Tgt Ion: 77 Resp: 157813
 Ion Ratio Lower Upper
 77 100
 123 42.7 34.1 51.1
 65 14.8 12.3 18.5

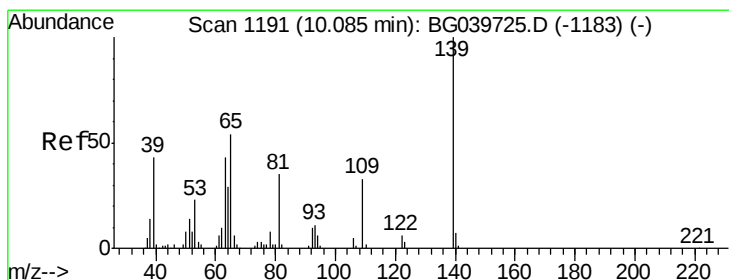
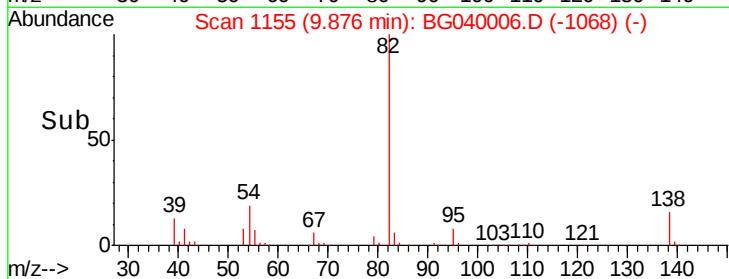
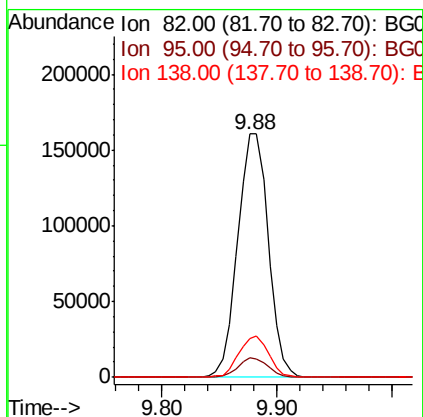
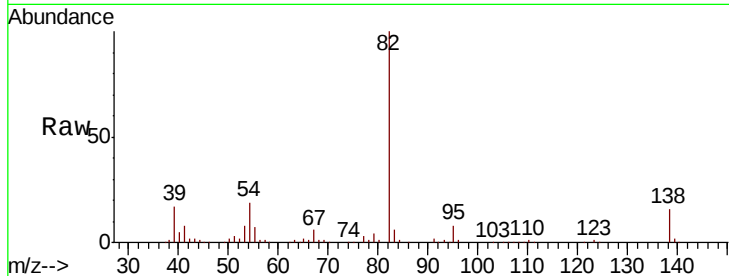




#25
Isophorone
Concen: 37.589 ng
RT: 9.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

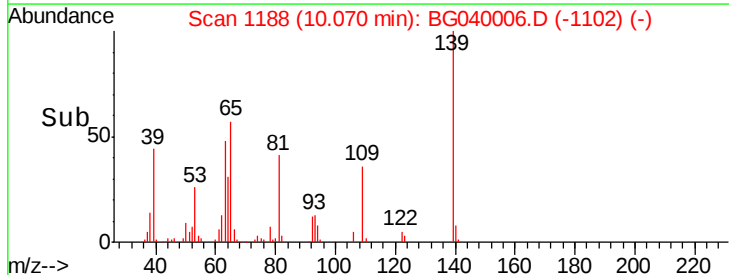
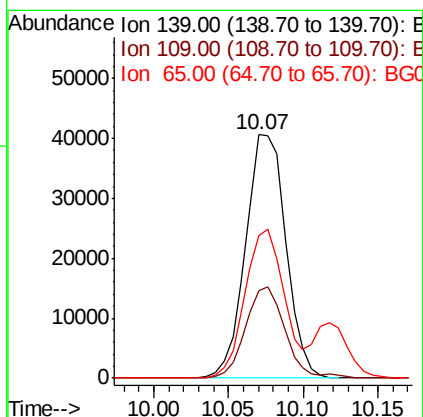
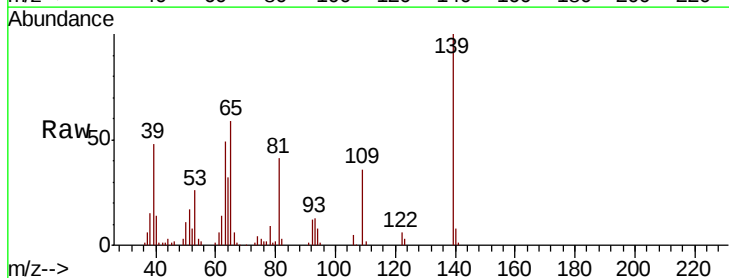
Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion: 82 Resp: 295758
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 16.0 13.0 19.4



#26
2-Nitrophenol
Concen: 39.757 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion: 139 Resp: 75619
Ion Ratio Lower Upper
139 100
109 35.8 23.4 35.0#
65 58.7 44.3 66.5

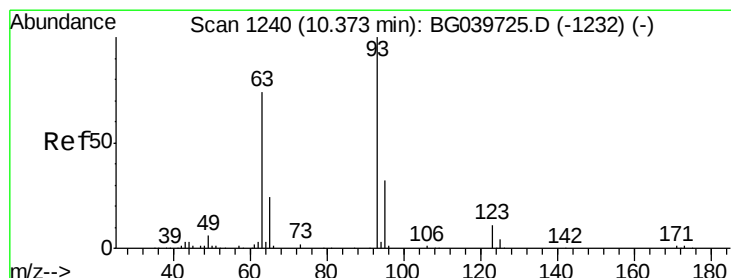
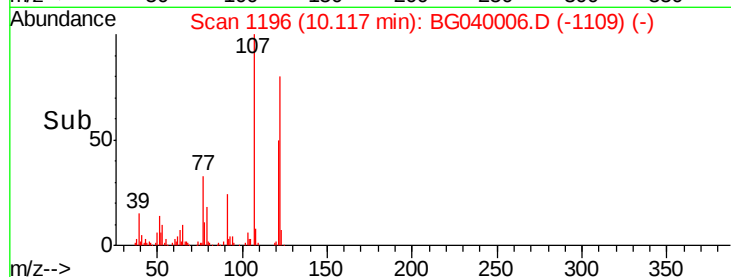
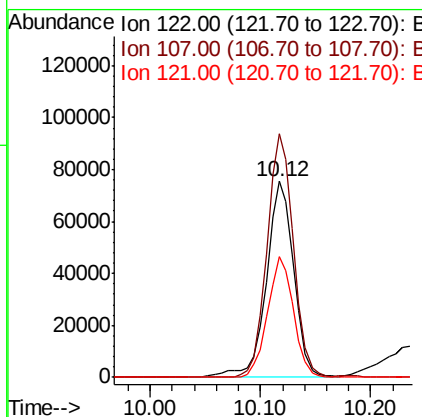
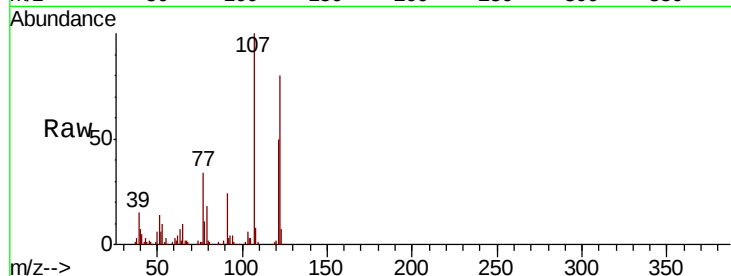




#27
2,4-Dimethylphenol
Concen: 44.306 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

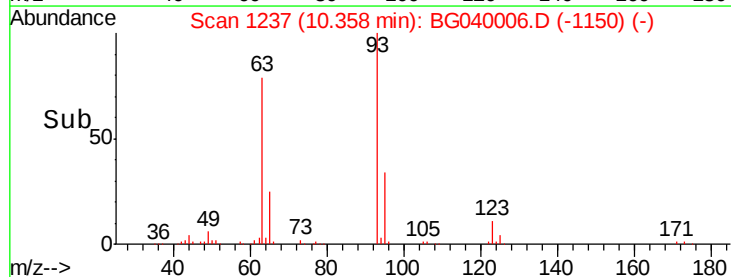
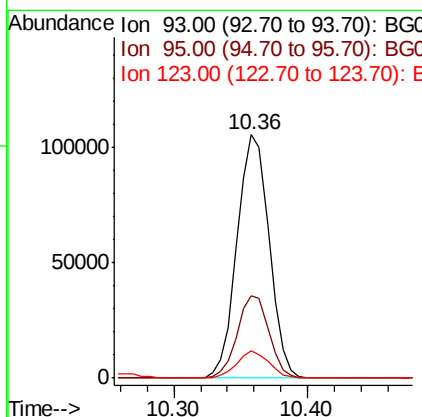
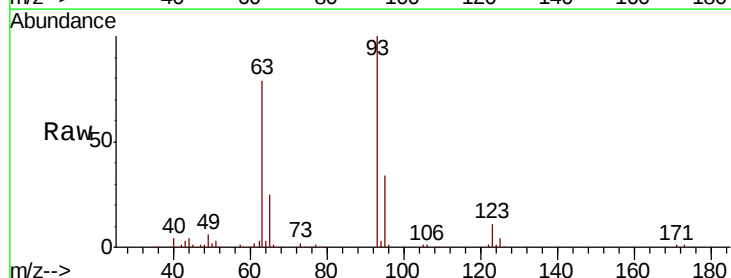
Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.2	91.7	137.5
121	61.7	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.782 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.0	37.4
123	11.2	8.6	12.8

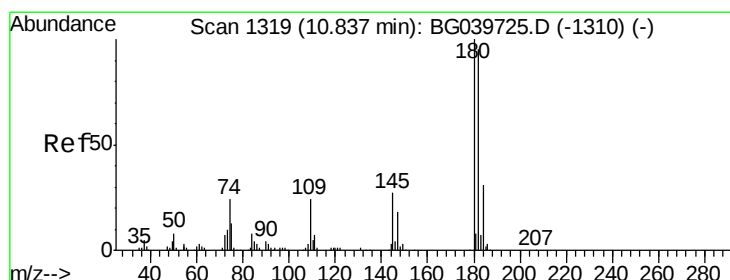
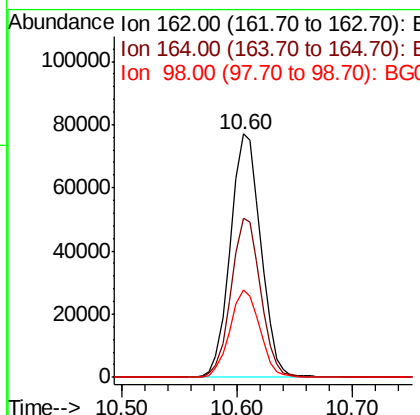
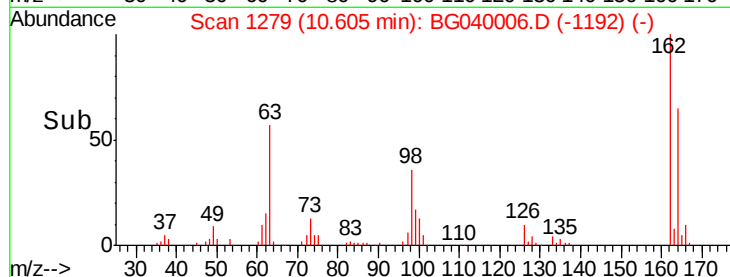
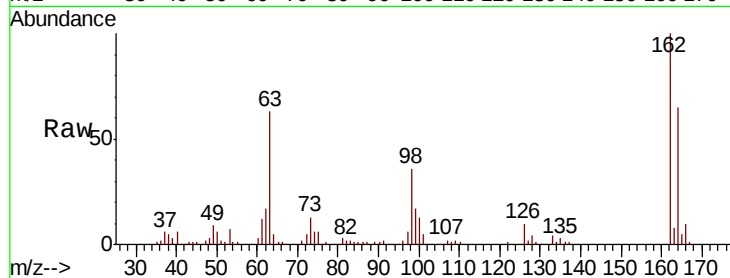




#29
2,4-Dichlorophenol
Concen: 42.153 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

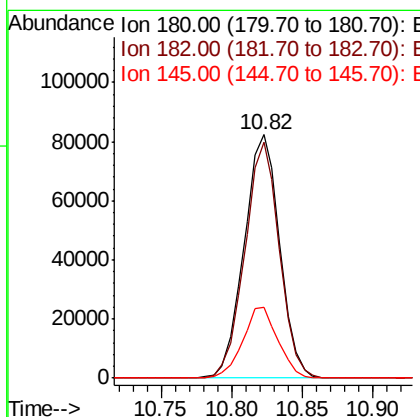
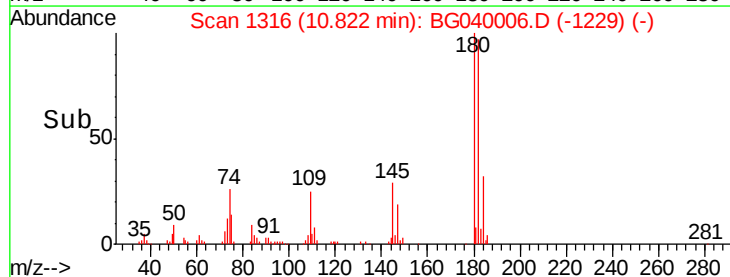
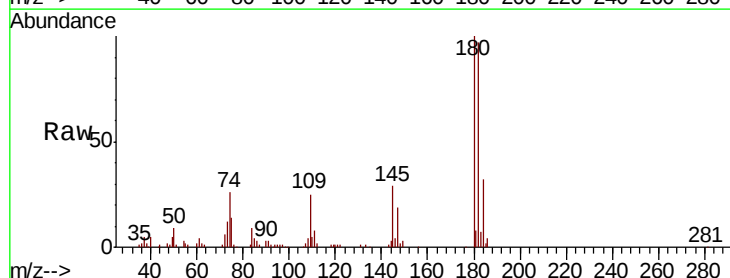
Instrument :
BNA_G
ClientSampleId :
PB118005BS

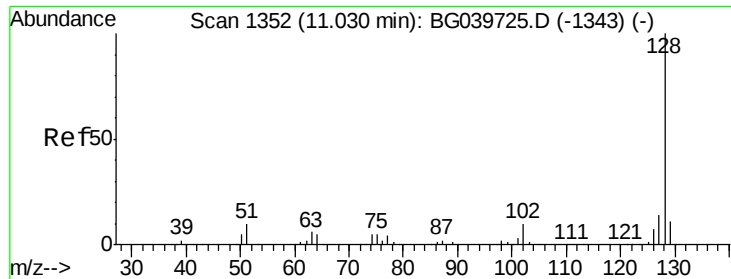
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.1	88.1
98	35.8	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 38.804 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.0	114.0
145	29.3	22.7	34.1

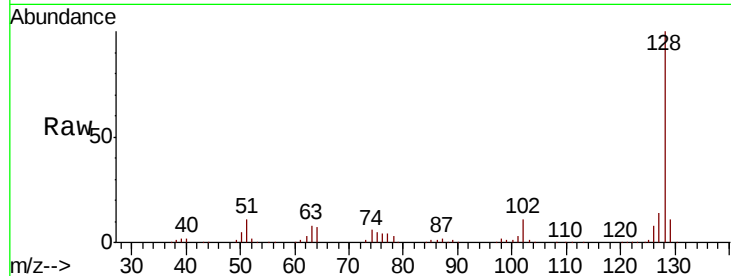




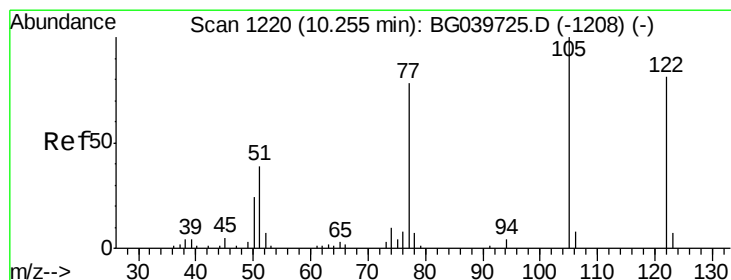
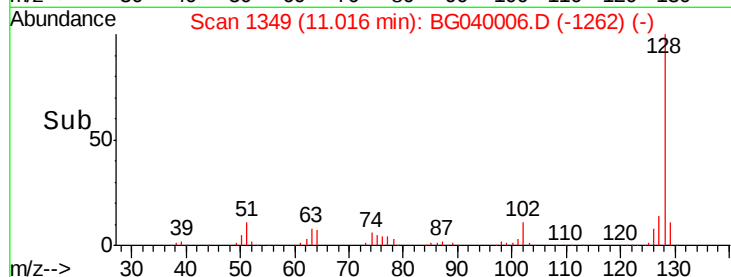
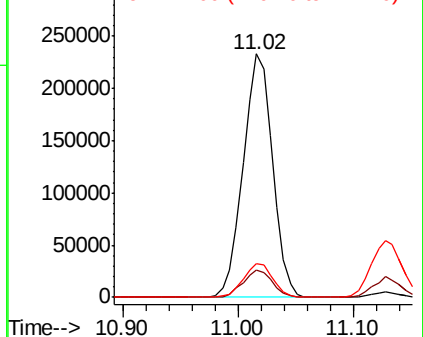
#31
Naphthalene
Concen: 38.332 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion:128 Resp: 412182
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.8 10.8 16.2

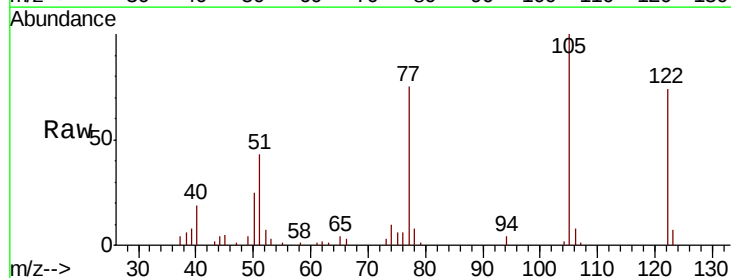


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

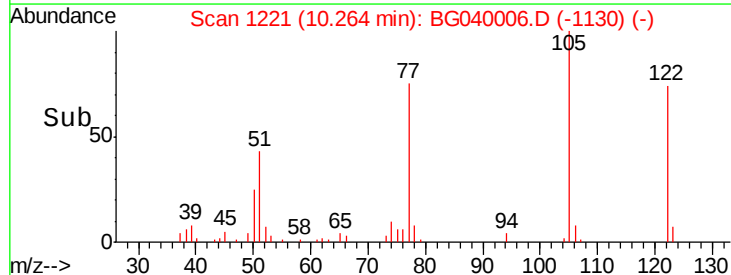
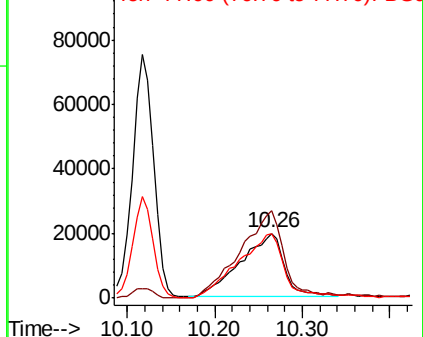


#32
Benzoic acid
Concen: 35.676 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion:122 Resp: 68471
Ion Ratio Lower Upper
122 100
105 134.5 101.8 141.8
77 100.2 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): BGO

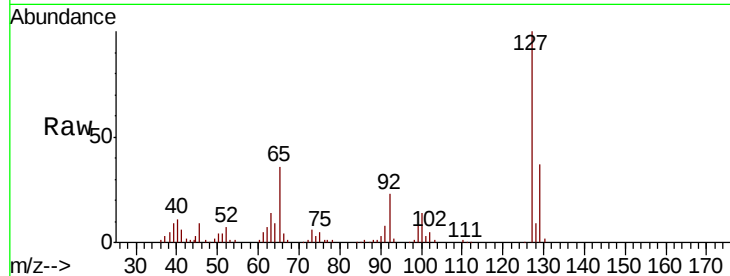




#33
4-Chloroaniline
Concen: 22.433 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion:	127	Resp:	102287
Ion	Ratio	Lower	Upper
127	100		
129	36.7	27.0	40.4
65	35.6	28.8	43.2
92	23.0	16.6	25.0



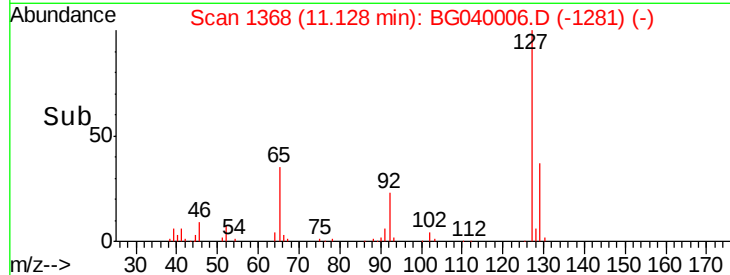
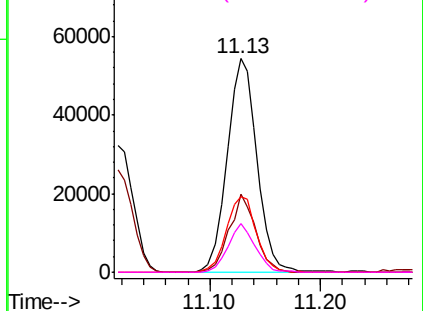
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

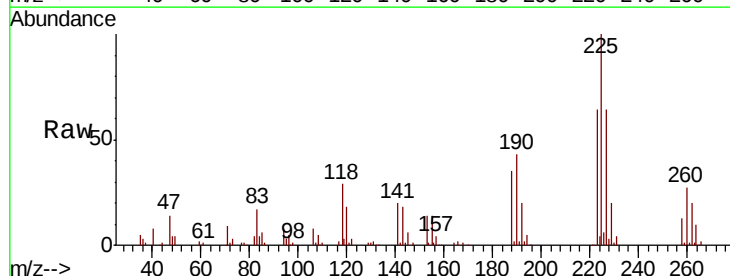
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.045 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion:	225	Resp:	97432
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.0	73.6
227	63.7	46.3	69.5

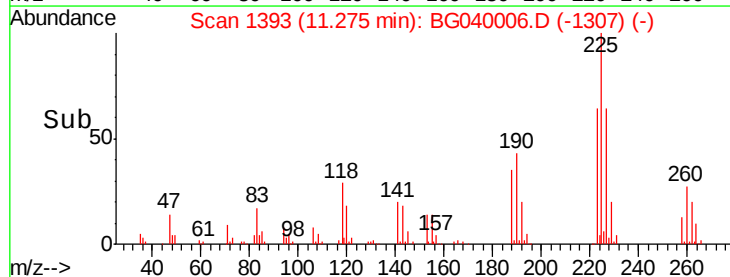
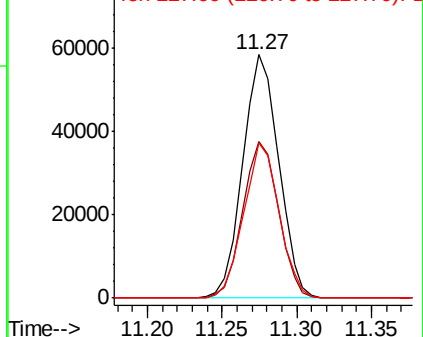


Abundance

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: 18.894 ng

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

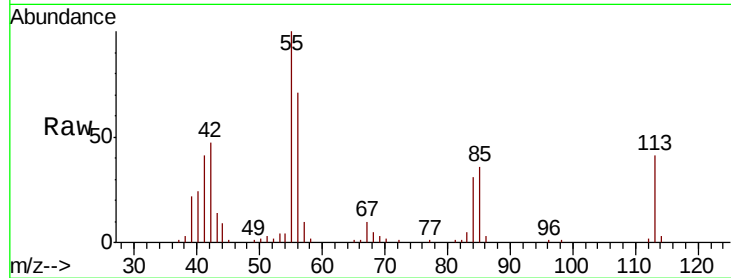
Tgt Ion:113 Resp: 24038

Ion Ratio Lower Upper

113 100

55 241.5 216.9 256.9

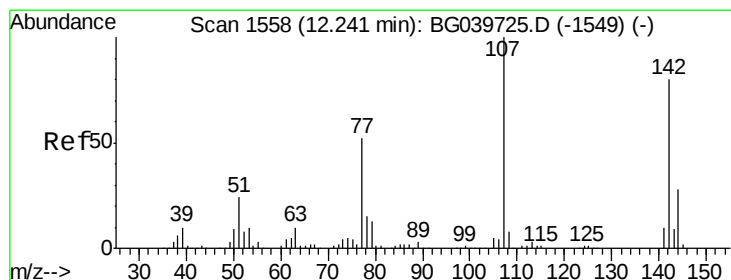
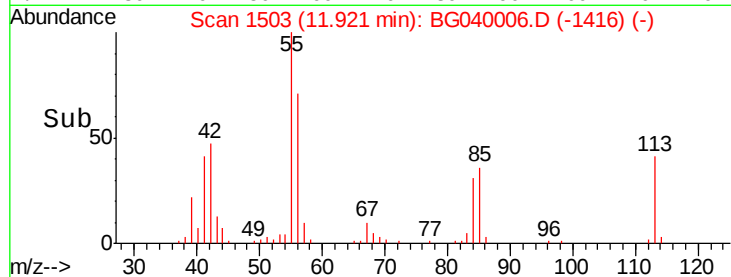
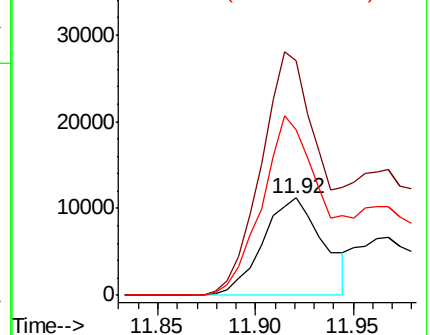
56 170.4 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.250 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

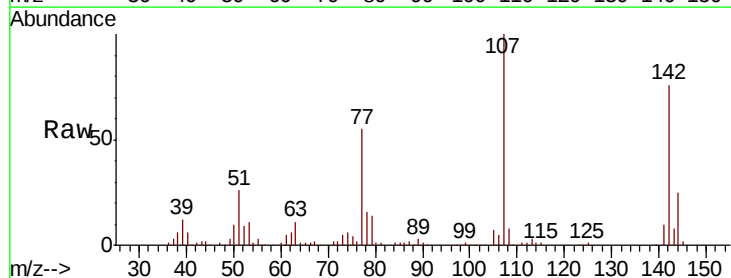
Tgt Ion:107 Resp: 149853

Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

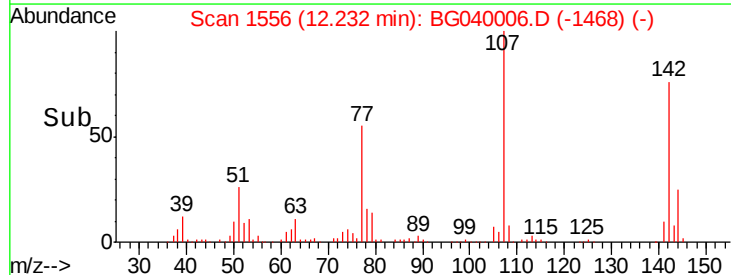
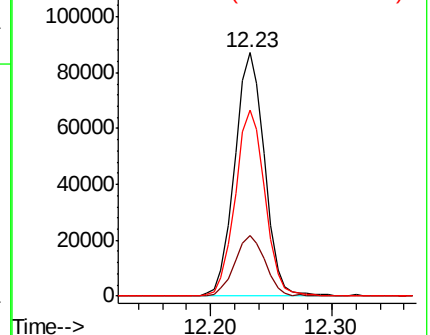
142 76.4 61.4 92.2

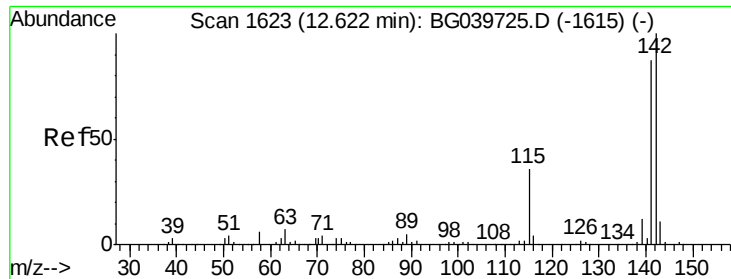


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

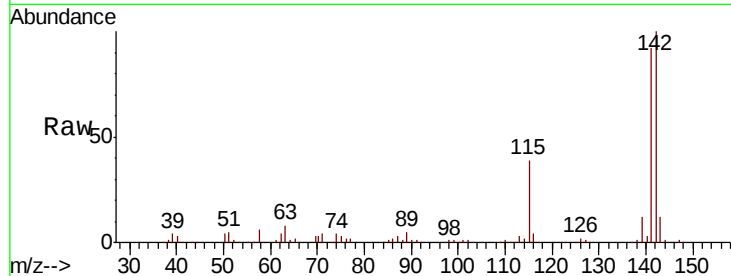




#37
2-Methylnaphthalene
Concen: 37.973 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.5	110.3
115	39.3	30.8	46.2

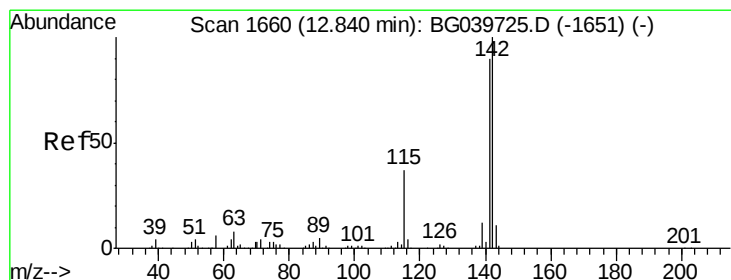
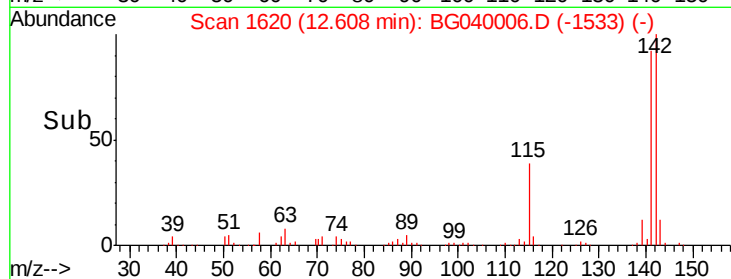
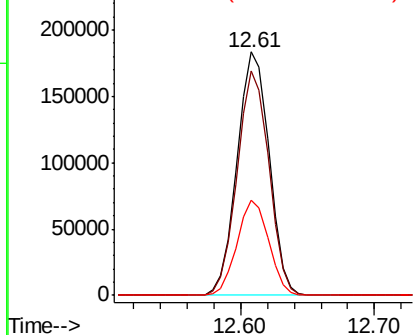


Abundance

Ion 142.00 (141.70 to 142.70): E

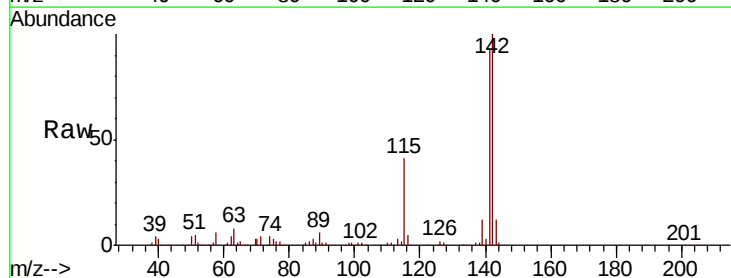
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.566 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

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

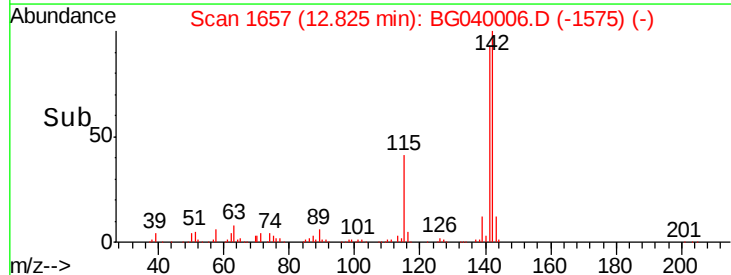
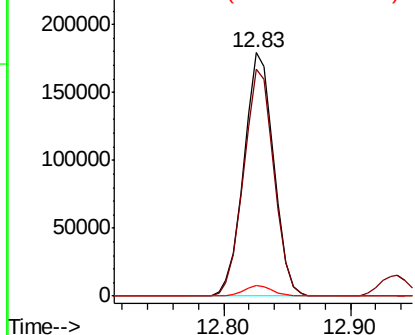


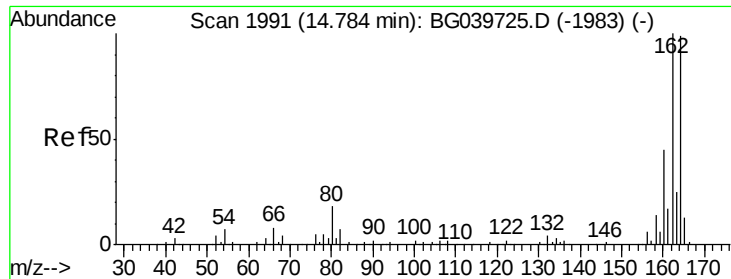
Abundance

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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

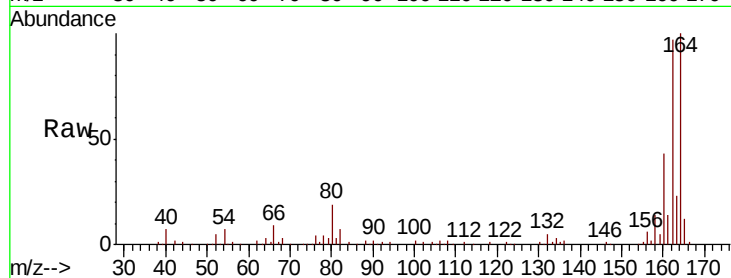
Tgt Ion:164 Resp: 133036

Ion Ratio Lower Upper

164 100

162 96.6 81.6 122.4

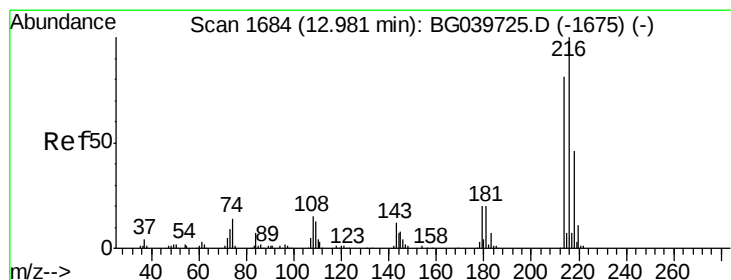
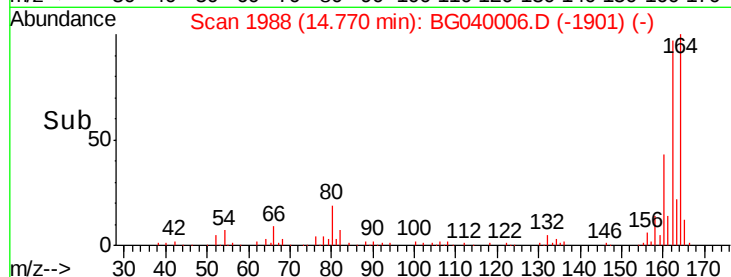
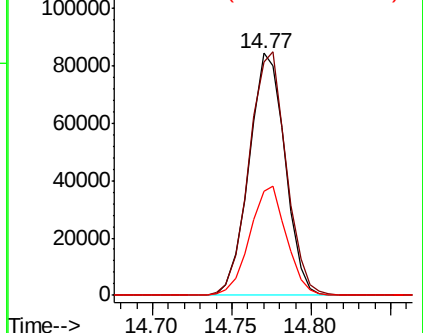
160 43.0 34.2 51.2



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: 37.448 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Tgt Ion:216 Resp: 168773

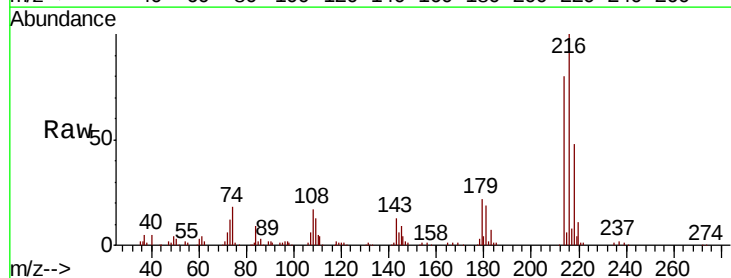
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.5 16.6 25.0

108 19.4 14.0 21.0

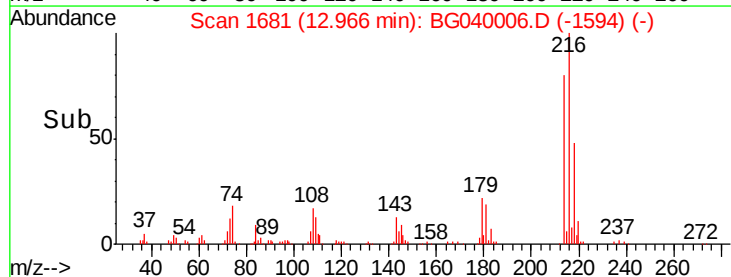
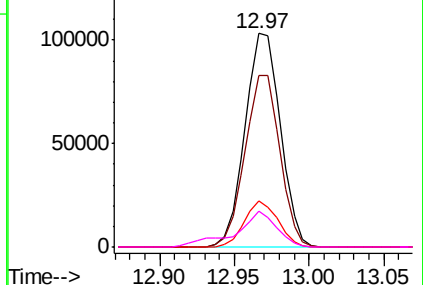


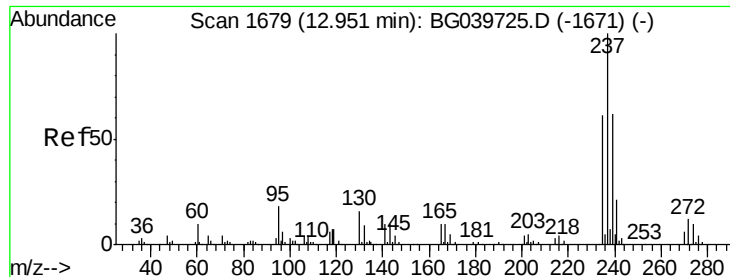
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.920 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

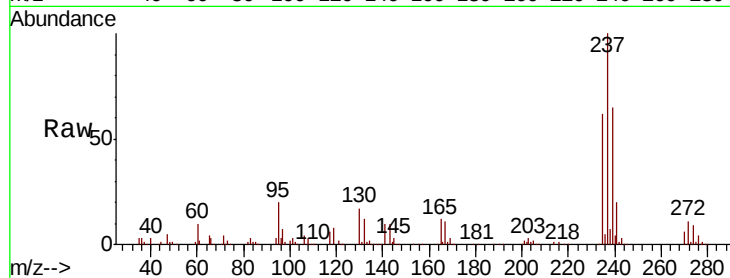
Tgt Ion: 237 Resp: 229259

Ion Ratio Lower Upper

237 100

235 62.2 43.3 83.3

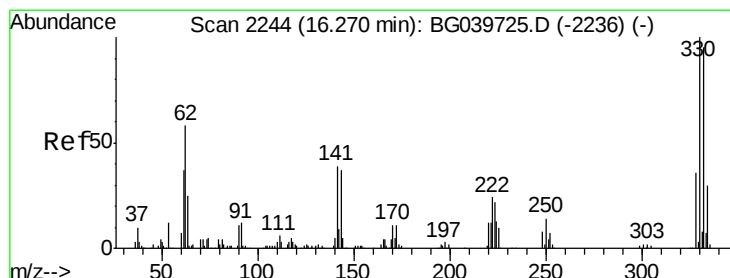
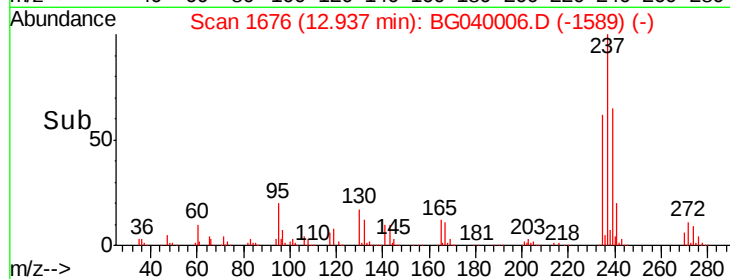
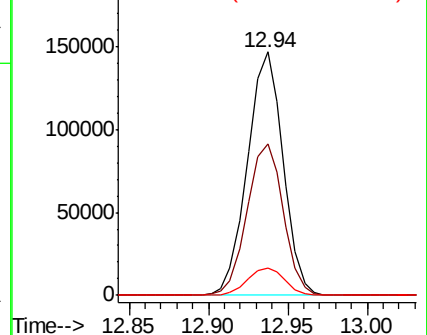
272 11.3 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.895 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

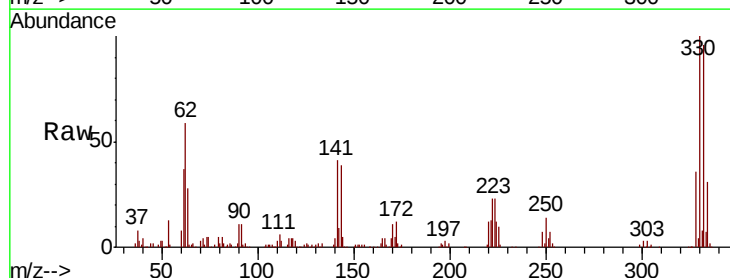
Tgt Ion: 330 Resp: 193666

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

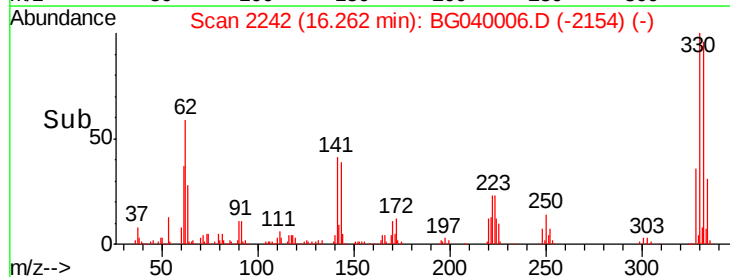
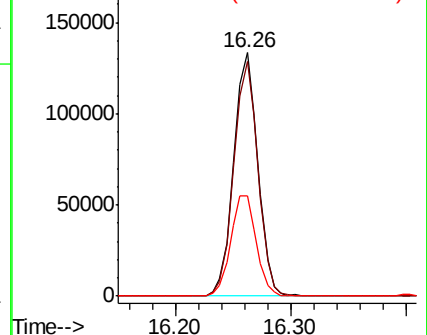
141 43.6 35.6 53.4

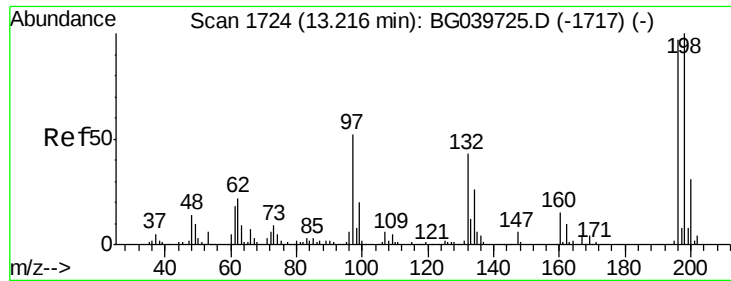


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

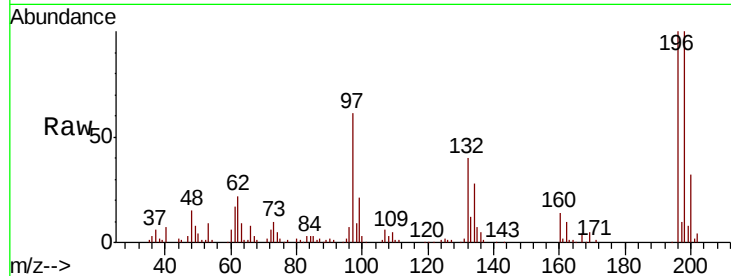




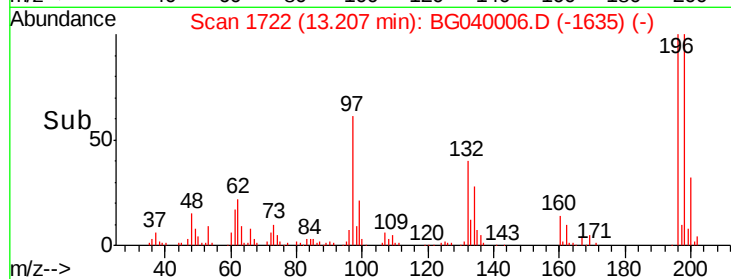
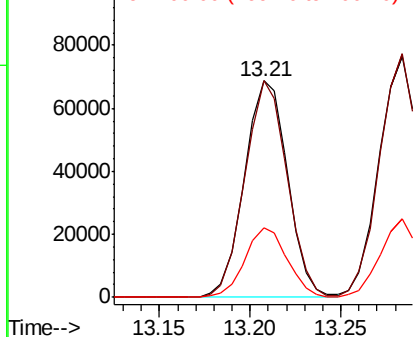
#43
 2,4,6-Trichlorophenol
 Concen: 43.147 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB118005BS

Tgt Ion:196 Resp: 113848
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.6 121.0
 200 31.9 26.1 39.1



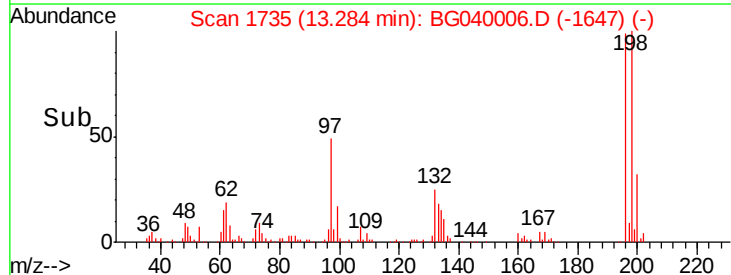
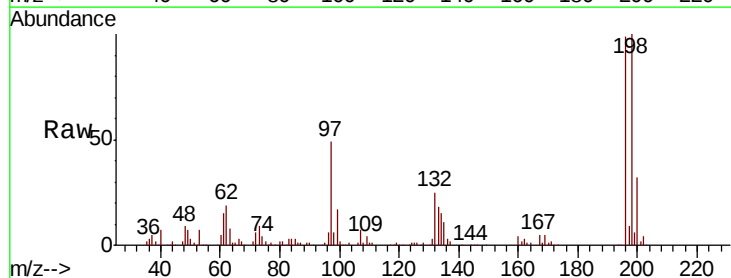
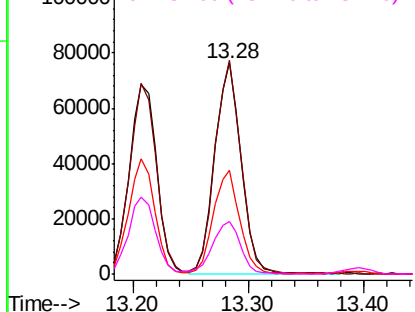
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

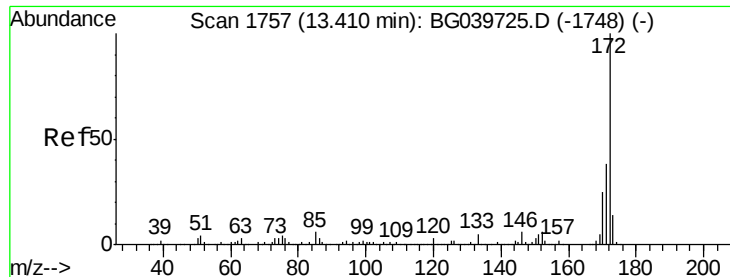


#44
 2,4,5-Trichlorophenol
 Concen: 40.989 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Tgt Ion:196 Resp: 121908
 Ion Ratio Lower Upper
 196 100
 198 101.2 78.5 117.7
 97 49.1 38.4 57.6
 132 25.1 19.2 28.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

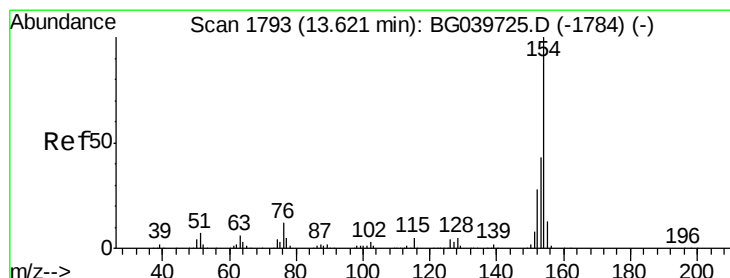
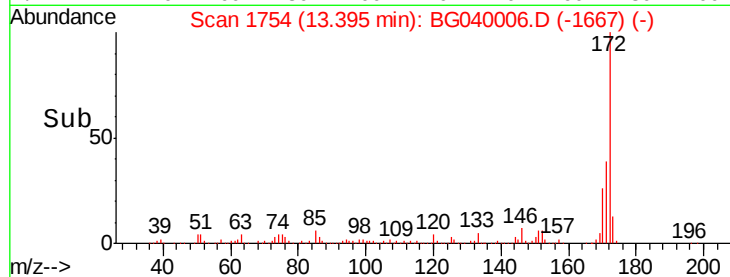
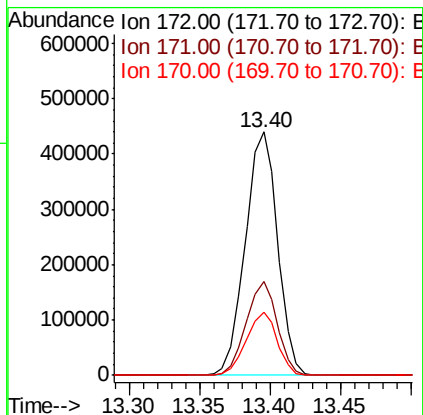
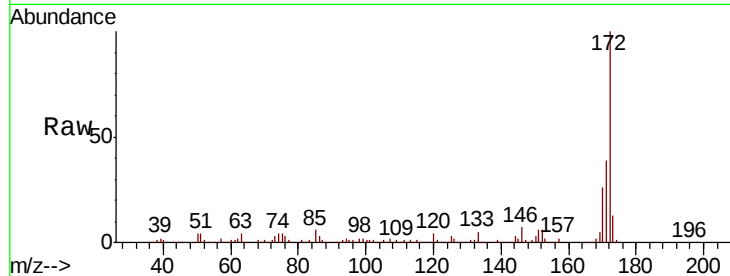




#45
 2-Fluorobiphenyl
 Concen: 75.384 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

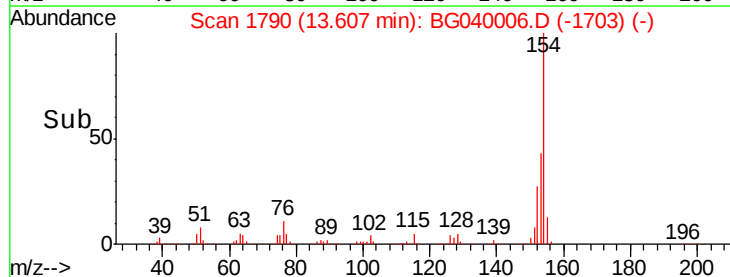
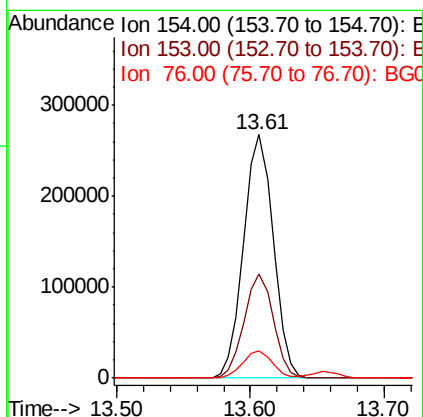
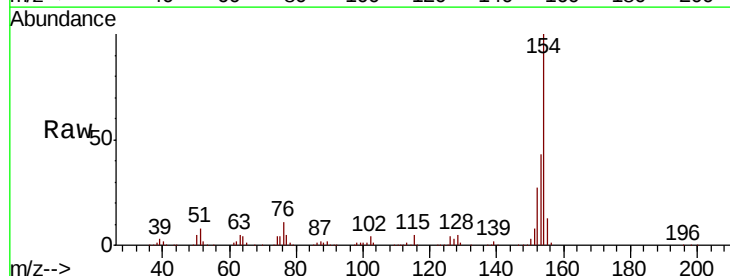
Instrument :
 BNA_G
 ClientSampleId :
 PB118005BS

Tgt Ion:172 Resp: 704354
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.8 46.2
 170 26.1 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 37.622 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Tgt Ion:154 Resp: 411662
 Ion Ratio Lower Upper
 154 100
 153 42.9 22.1 62.1
 76 11.3 0.0 32.4

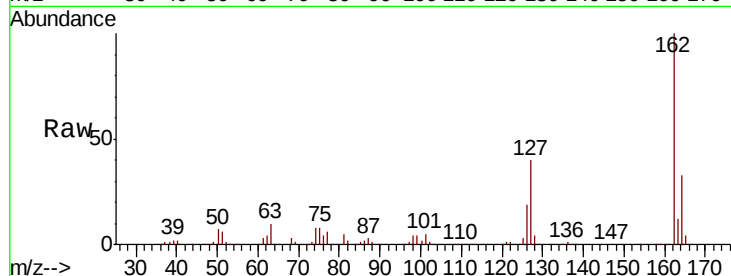




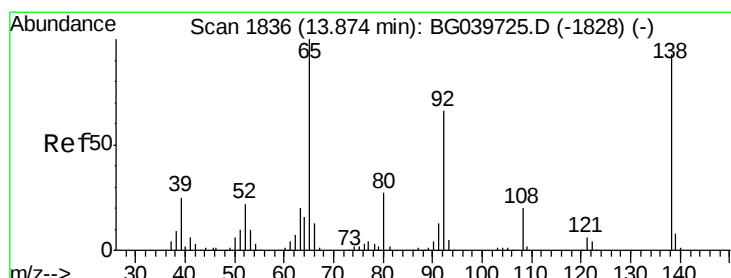
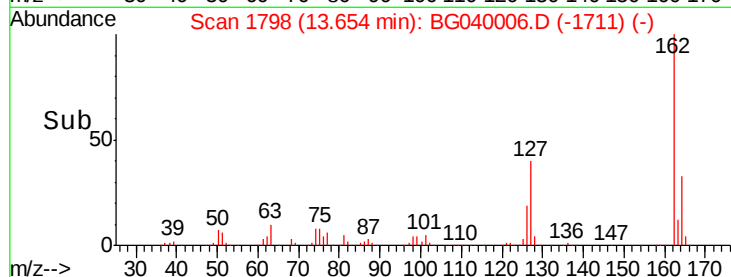
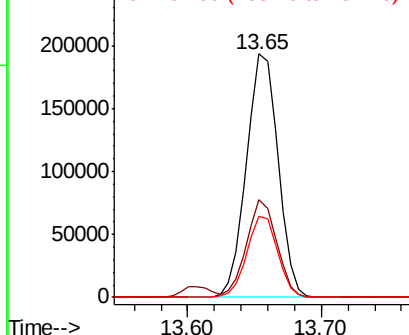
#47
2-Chloronaphthalene
Concen: 38.355 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion: 162 Resp: 315726
Ion Ratio Lower Upper
162 100
127 40.0 31.0 46.6
164 33.2 25.7 38.5

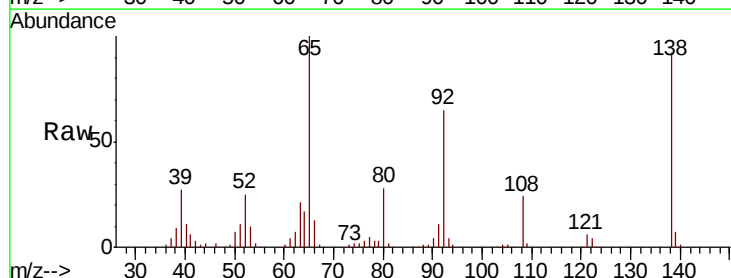


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

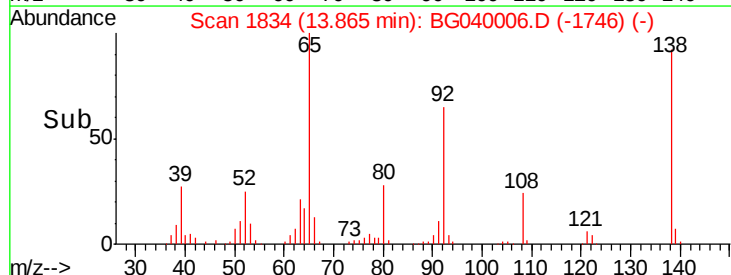
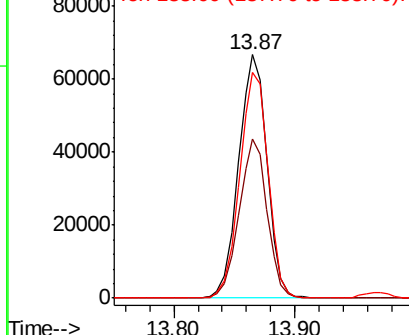


#48
2-Nitroaniline
Concen: 41.205 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion: 65 Resp: 109003
Ion Ratio Lower Upper
65 100
92 65.1 51.4 77.2
138 92.5 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: 37.660 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

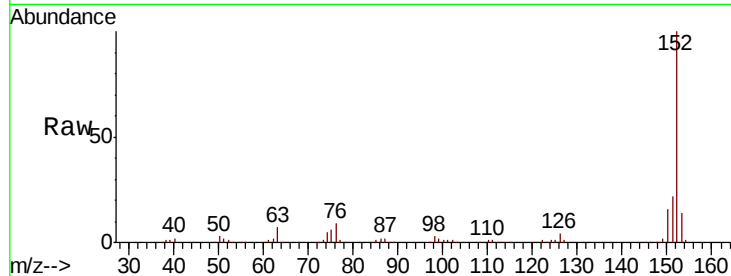
Tgt Ion:152 Resp: 508904

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

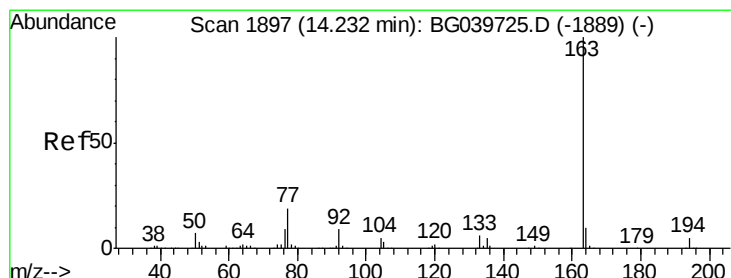
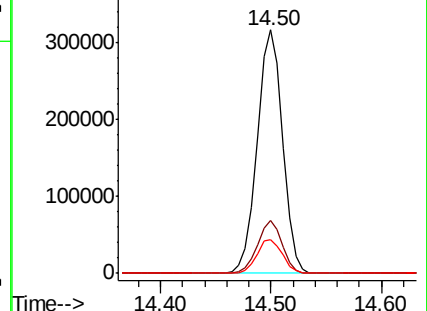
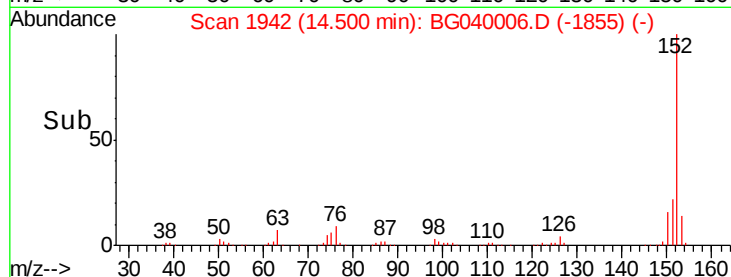
153 13.9 11.7 17.5



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: 37.473 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

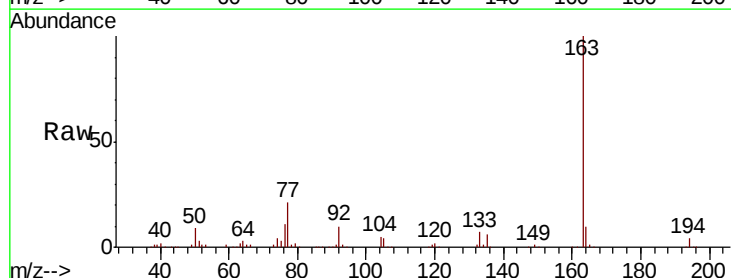
Tgt Ion:163 Resp: 416858

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

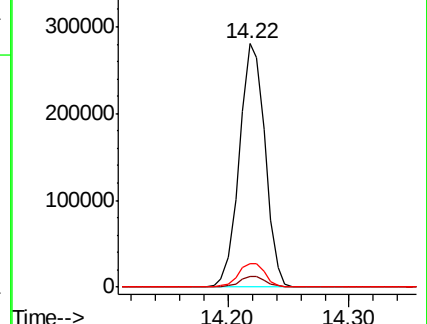
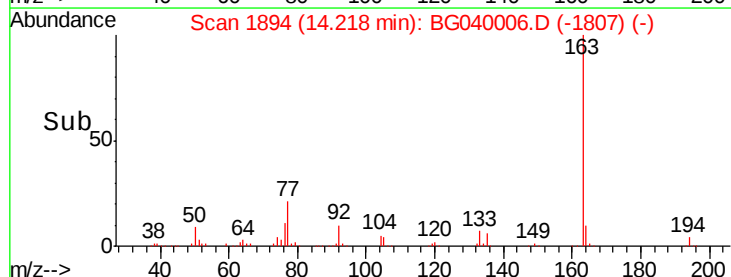
164 9.6 8.4 12.6

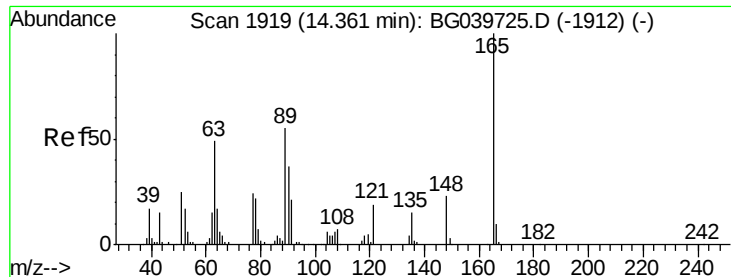


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

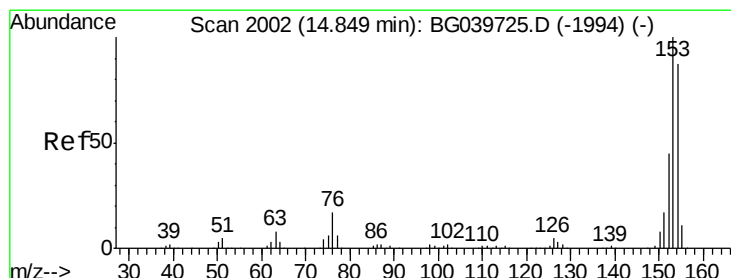
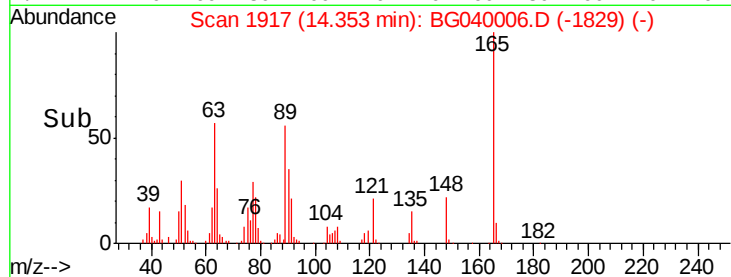
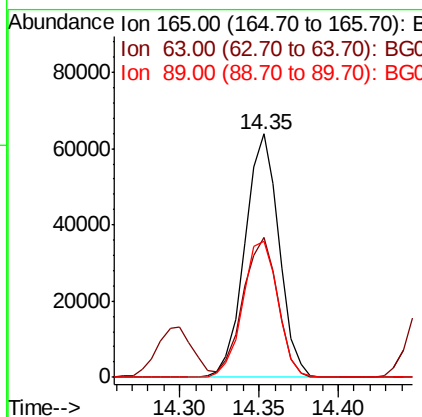
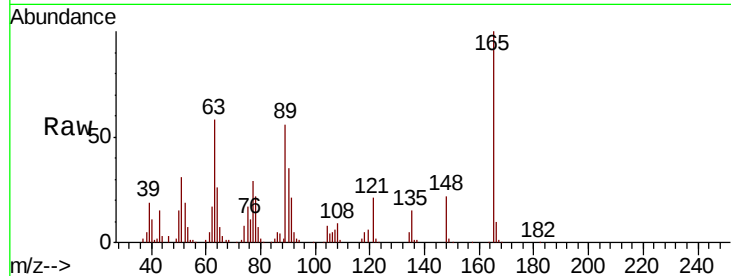




#51
2,6-Dinitrotoluene
Concen: 40.395 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

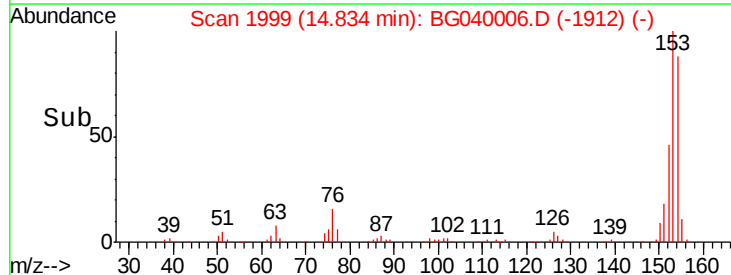
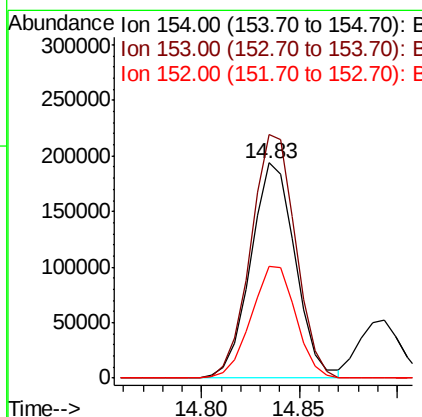
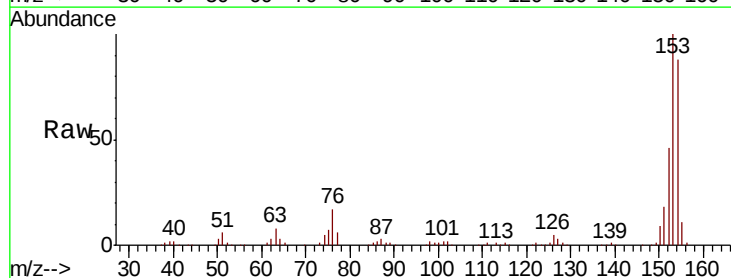
Instrument :
BNA_G
ClientSampleId :
PB118005BS

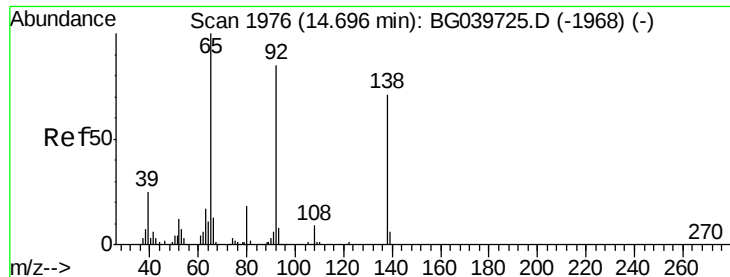
Tgt Ion:165 Resp: 95263
Ion Ratio Lower Upper
165 100
63 57.5 47.0 70.6
89 55.9 45.8 68.8



#52
Acenaphthene
Concen: 37.755 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion:154 Resp: 307069
Ion Ratio Lower Upper
154 100
153 113.1 90.1 135.1
152 52.1 40.9 61.3





#53

3-Nitroaniline

Concen: 28.158 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

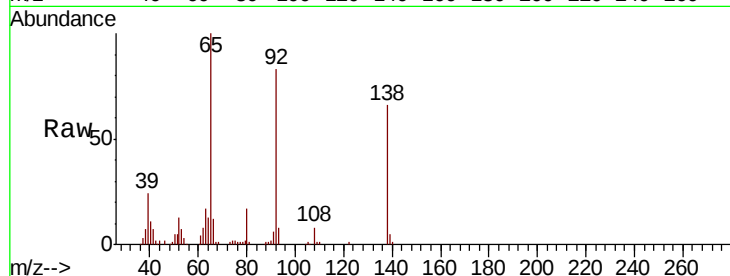
Tgt Ion:138 Resp: 66751

Ion Ratio Lower Upper

138 100

108 12.9 13.8 20.8#

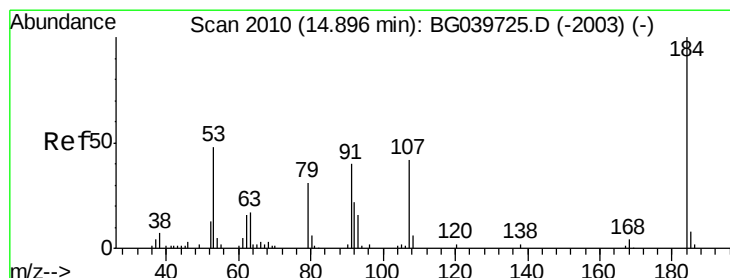
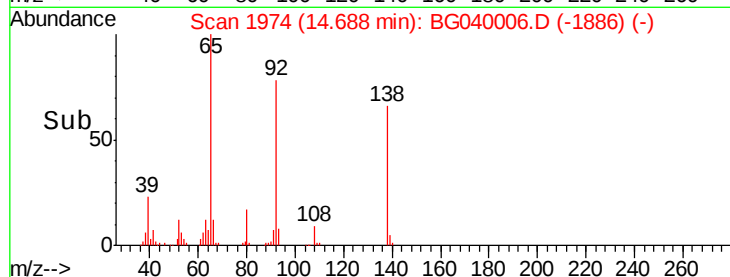
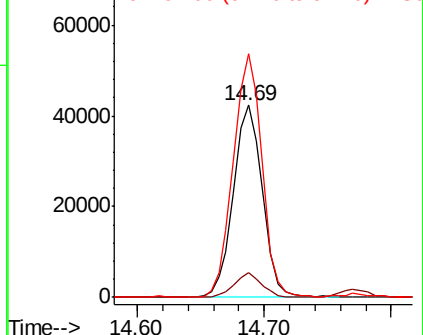
92 126.7 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 80.217 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

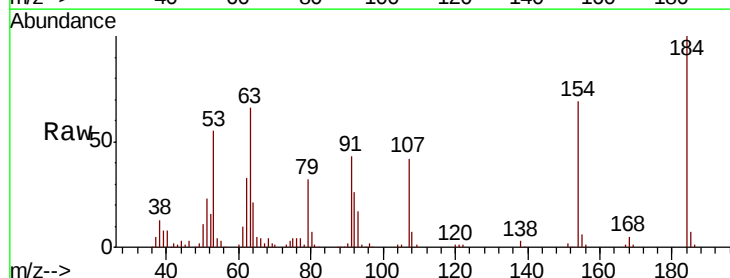
Tgt Ion:184 Resp: 119324

Ion Ratio Lower Upper

184 100

63 66.1 50.9 76.3

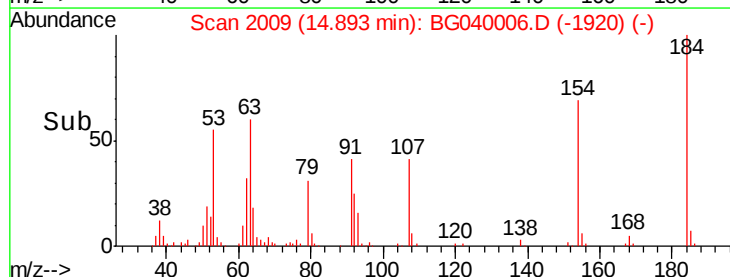
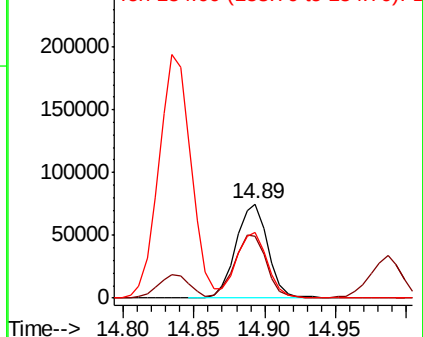
154 69.2 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 37.665 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

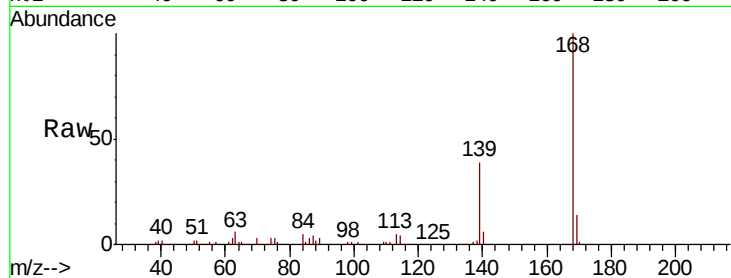
Tgt Ion:168 Resp: 502607

Ion Ratio Lower Upper

168 100

139 39.0 30.1 45.1

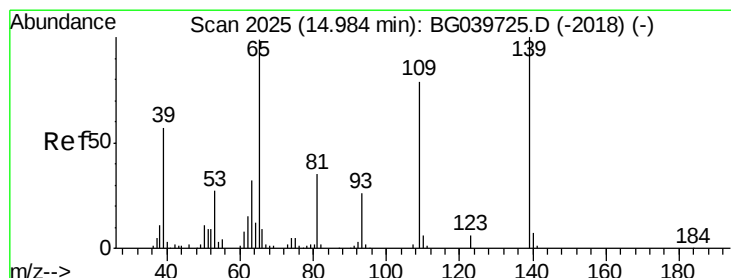
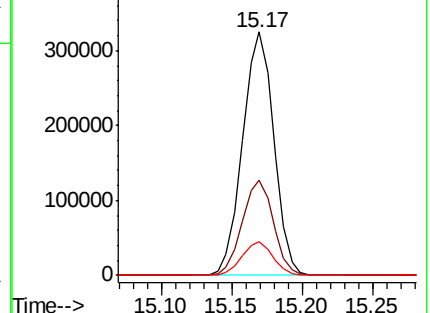
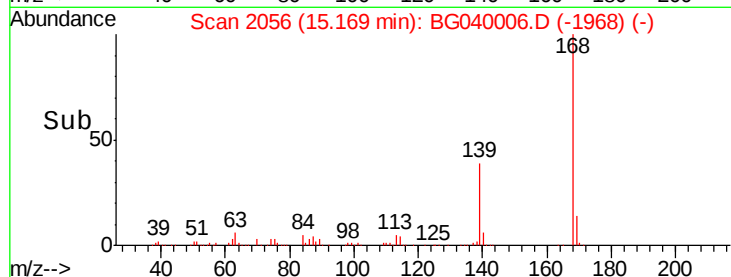
169 14.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 74.755 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

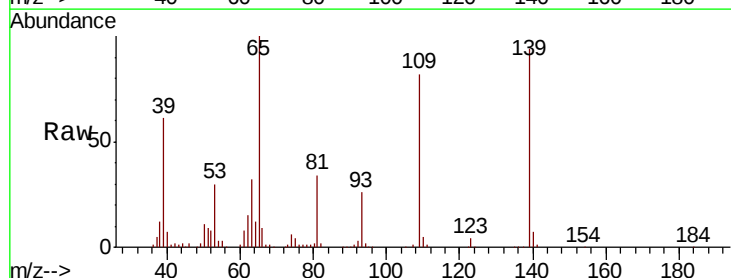
Tgt Ion:139 Resp: 158530

Ion Ratio Lower Upper

139 100

109 87.1 61.9 101.9

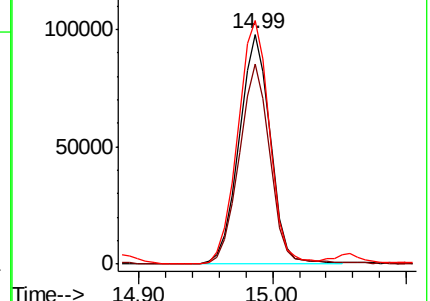
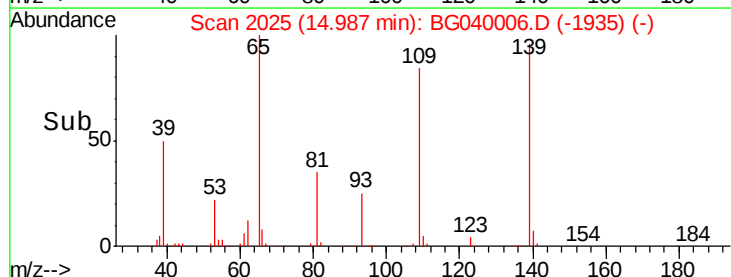
65 106.0 99.1 139.1

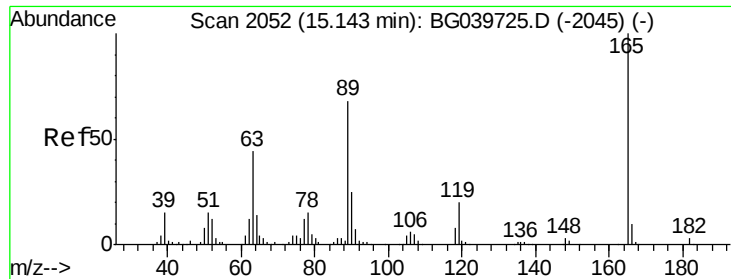


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

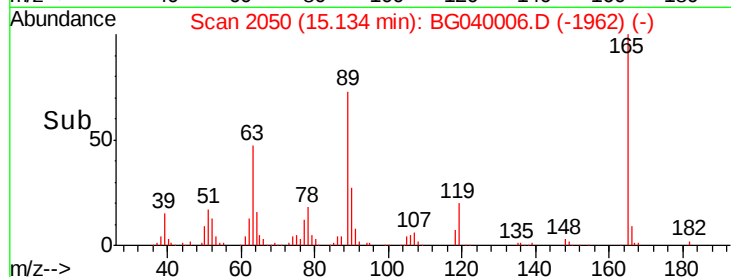
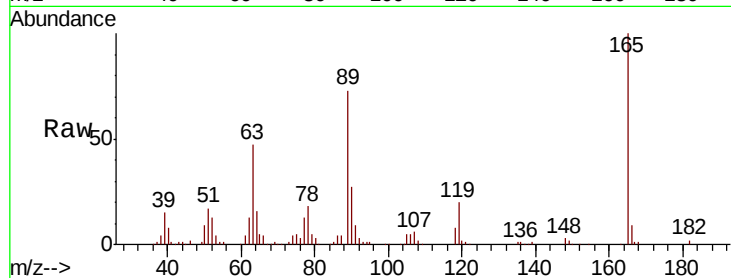




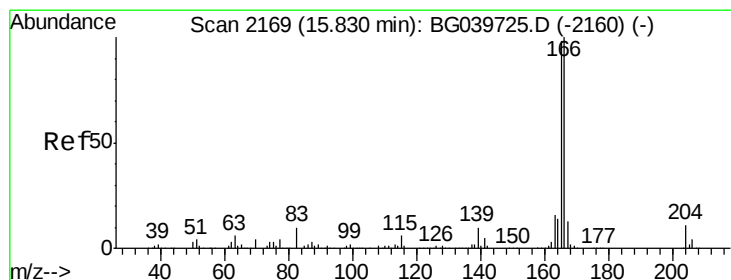
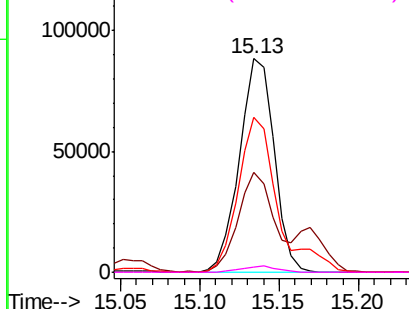
#57
2,4-Dinitrotoluene
Concen: 40.604 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion:	165	Resp:	134550
Ion	Ratio	Lower	Upper
165	100		
63	46.6	41.0	61.6
89	72.7	64.6	96.8
182	2.3	2.0	3.0

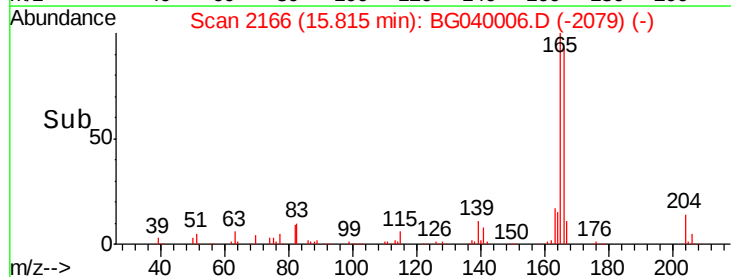
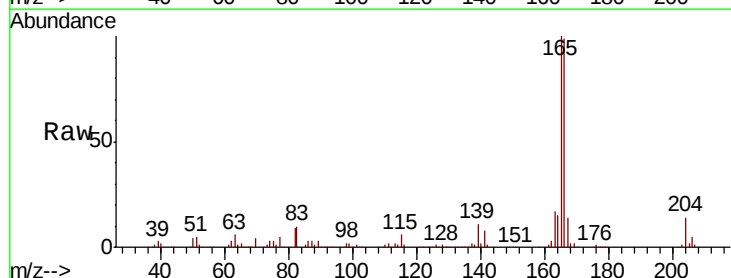


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

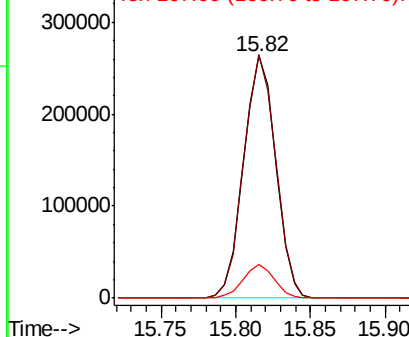


#58
Fluorene
Concen: 37.363 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion:	166	Resp:	391939
Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.9	116.9
167	13.7	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

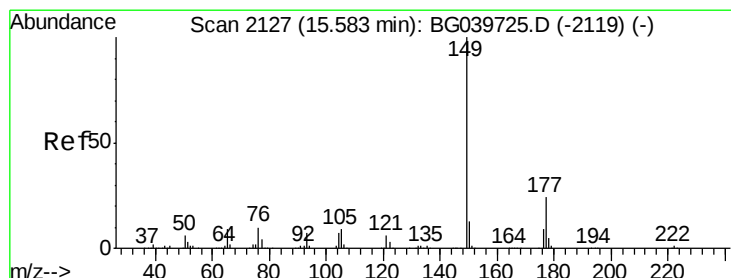
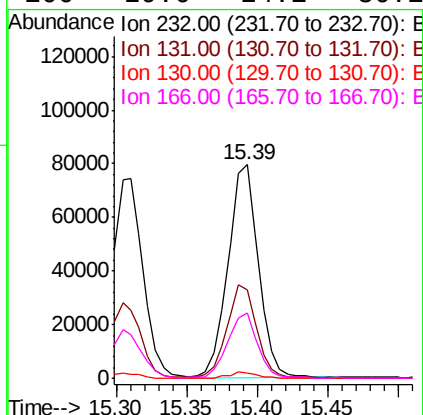
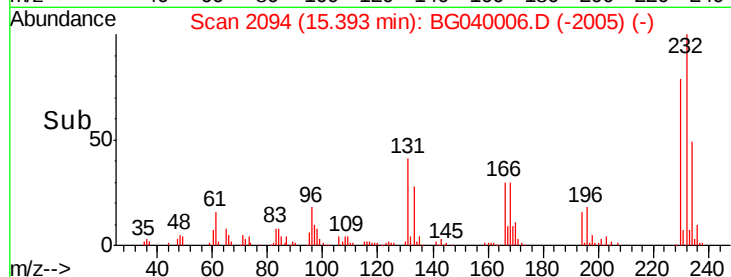
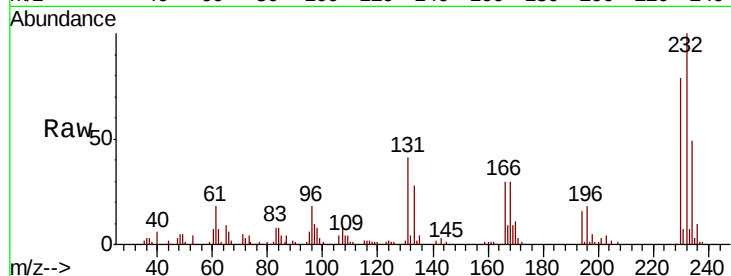




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.036 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

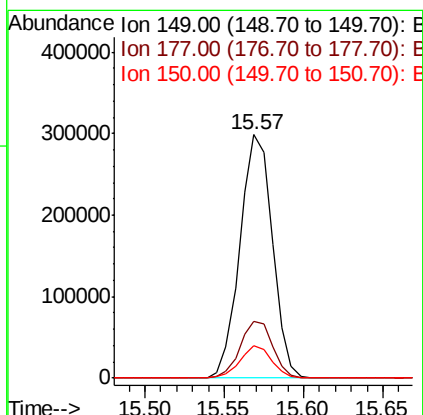
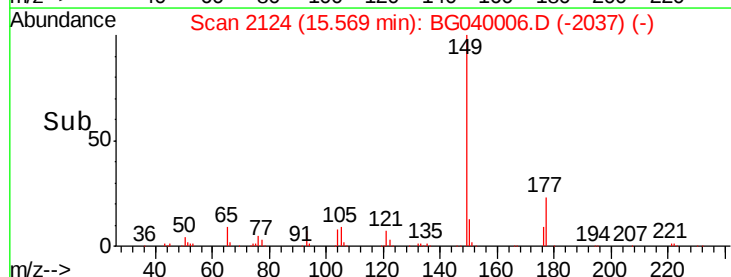
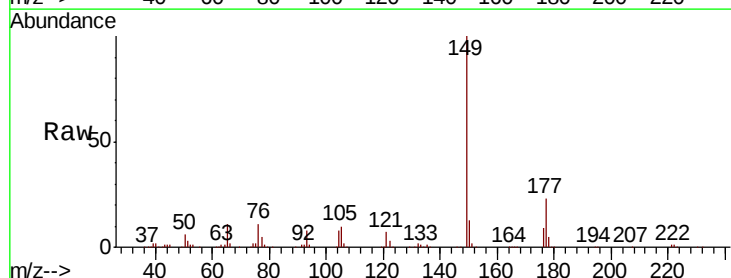
Instrument :
 BNA_G
 ClientSampleId :
 PB118005BS

Tgt Ion:	232	Resp:	119194
Ion	Ratio	Lower	Upper
232	100		
131	43.5	34.9	52.3
130	2.7	2.0	3.0
166	29.6	24.1	36.1



#60
 Diethylphthalate
 Concen: 38.547 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Tgt Ion:	149	Resp:	424487
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	13.3	10.2	15.2

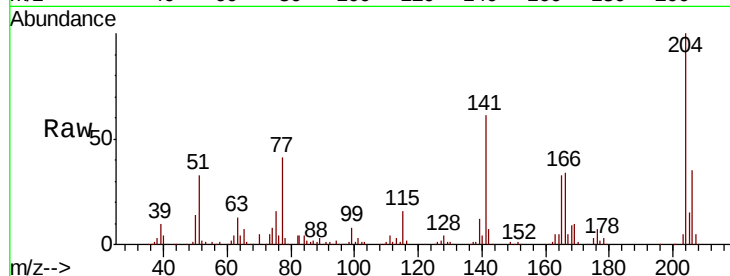




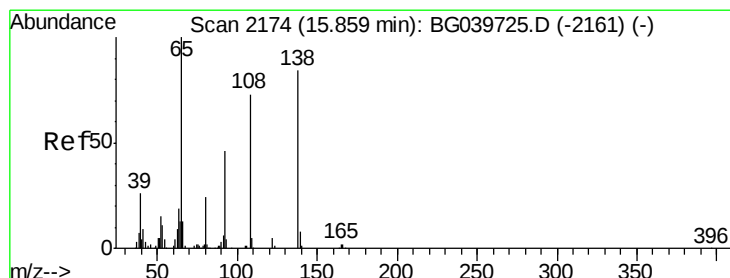
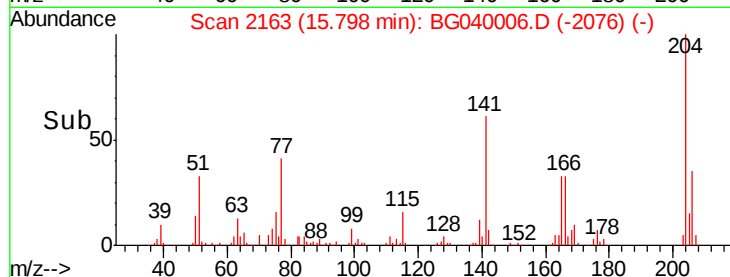
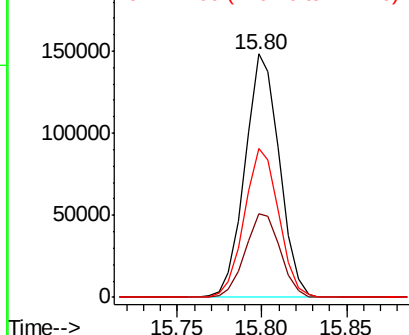
#61
4-Chlorophenyl-phenylether
Concen: 37.444 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion: 204 Resp: 209604
Ion Ratio Lower Upper
204 100
206 34.6 29.2 43.8
141 61.4 49.0 73.4

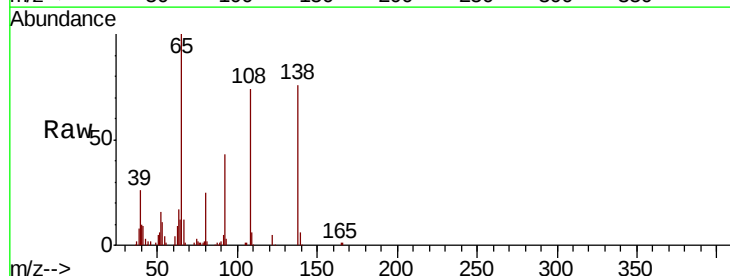


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

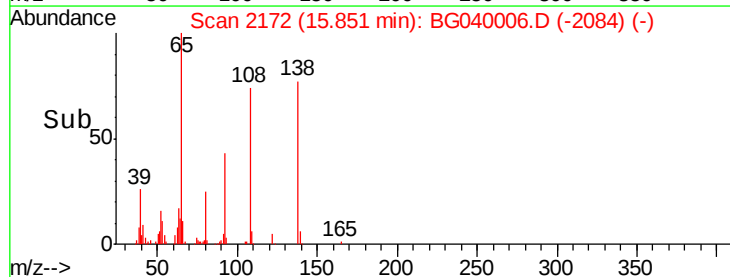
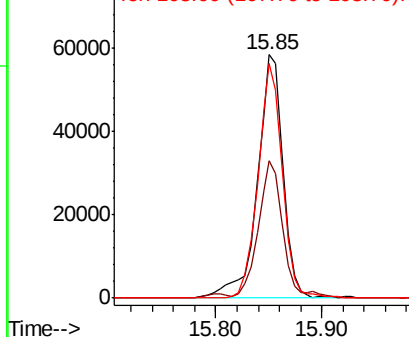


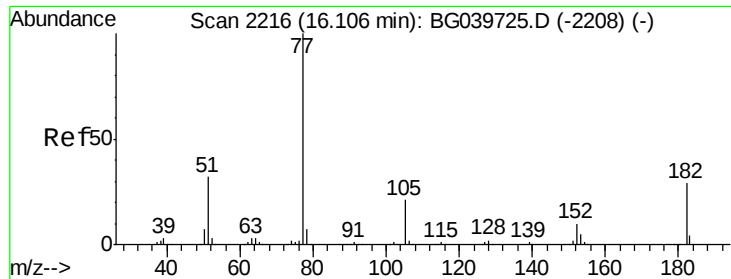
#62
4-Nitroaniline
Concen: 38.531 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion: 138 Resp: 99025
Ion Ratio Lower Upper
138 100
92 56.2 38.7 78.7
108 96.6 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

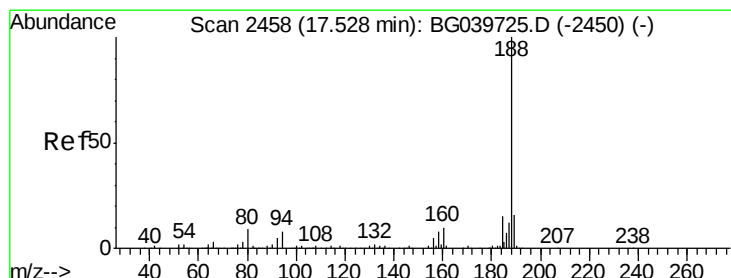
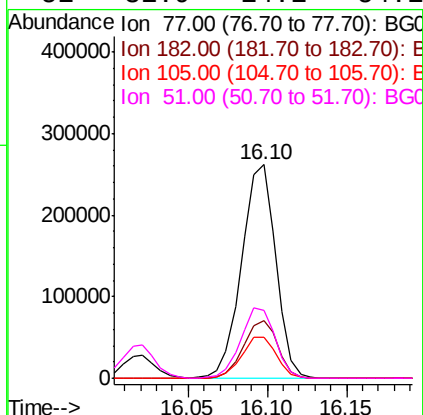
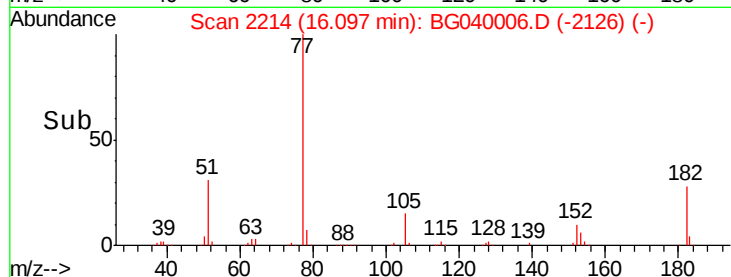
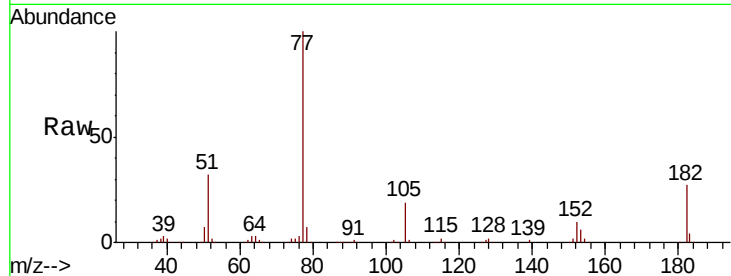




#63
Azobenzene
Concen: 39.261 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

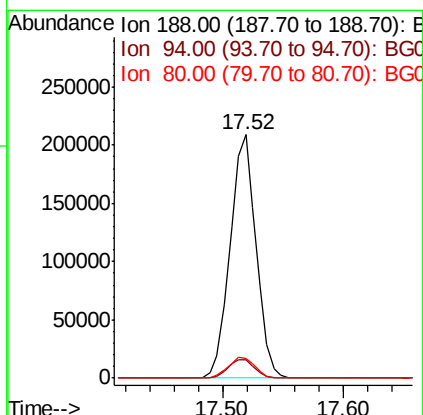
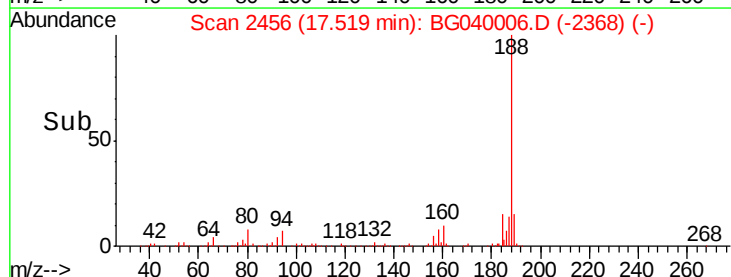
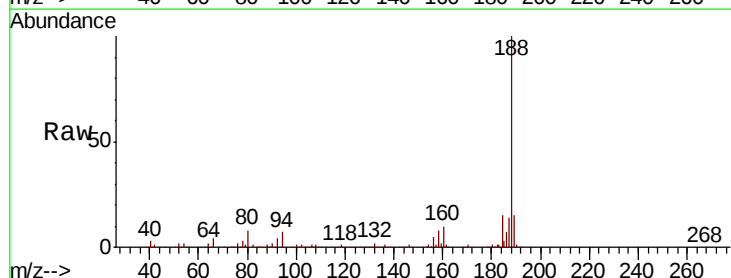
Instrument :
BNA_G
ClientSampleId :
PB118005BS

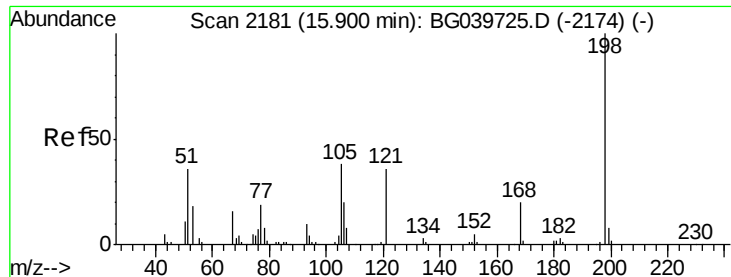
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.4	46.4
105	19.1	0.0	39.8
51	31.9	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.2	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.928 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

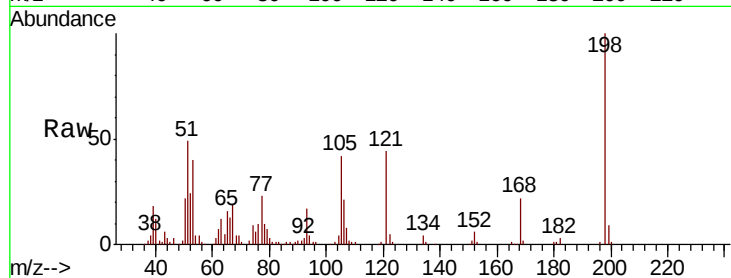
Tgt Ion:198 Resp: 82781

Ion Ratio Lower Upper

198 100

51 49.1 27.4 67.4

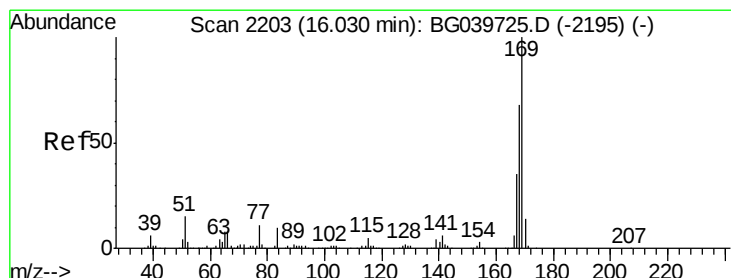
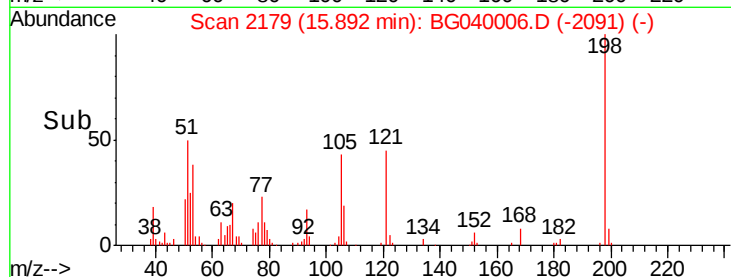
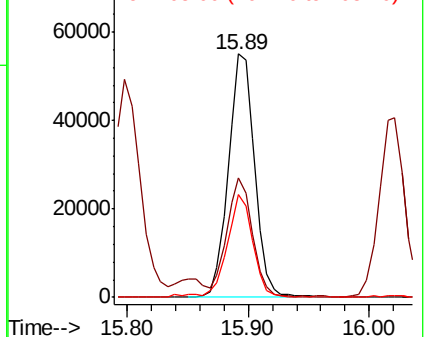
105 42.2 19.7 59.7



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: 40.679 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

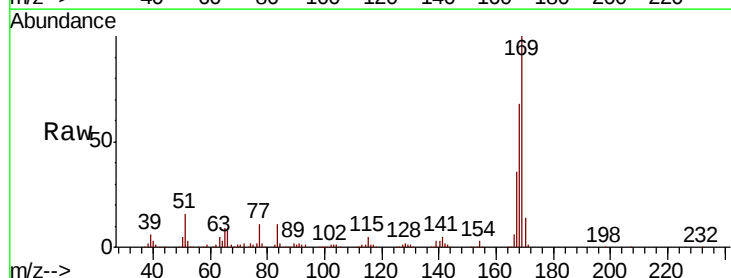
Tgt Ion:169 Resp: 366990

Ion Ratio Lower Upper

169 100

168 67.6 56.6 85.0

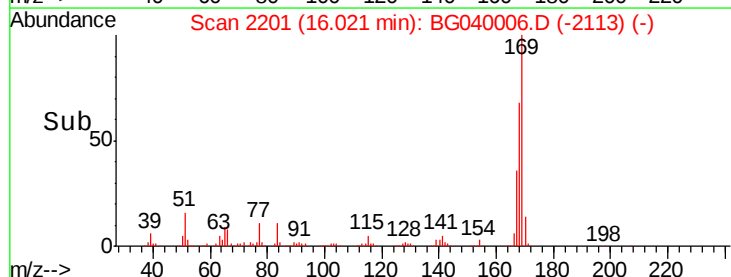
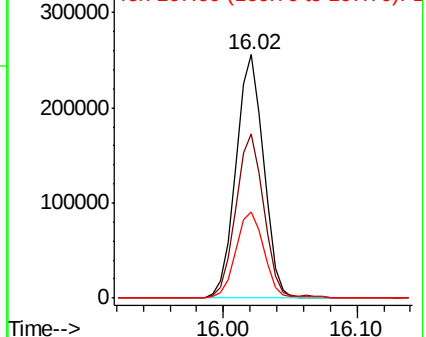
167 35.6 28.8 43.2



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

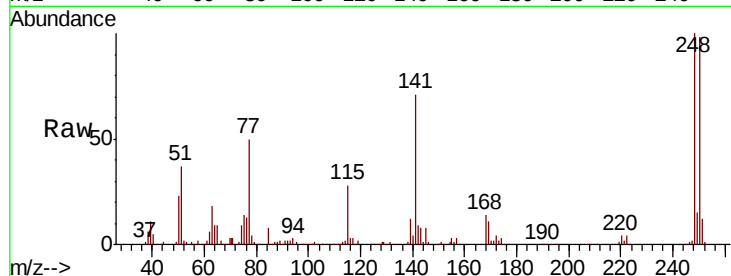




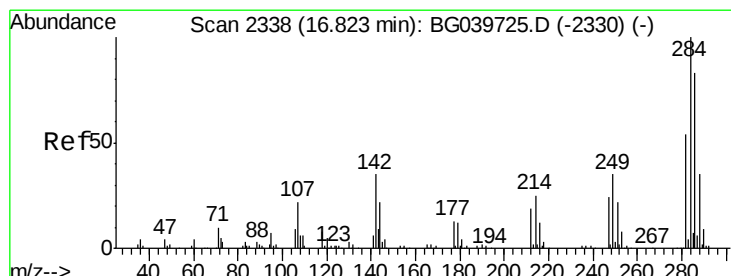
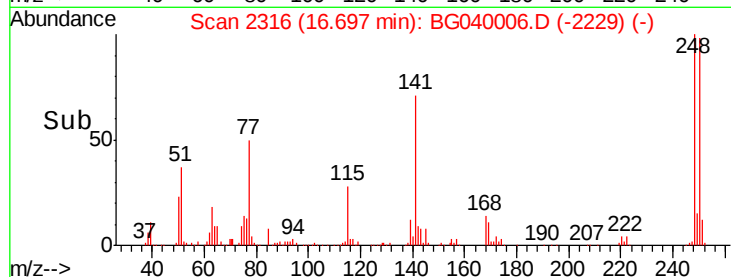
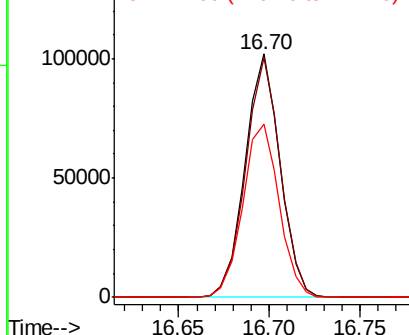
#67
 4-Bromophenyl-phenylether
 Concen: 39.045 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampled :
 PB118005BS

Tgt Ion: 248 Resp: 136192
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.6 116.4
 141 71.3 63.9 95.9

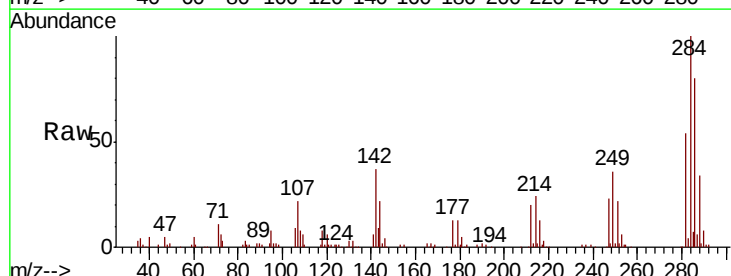


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

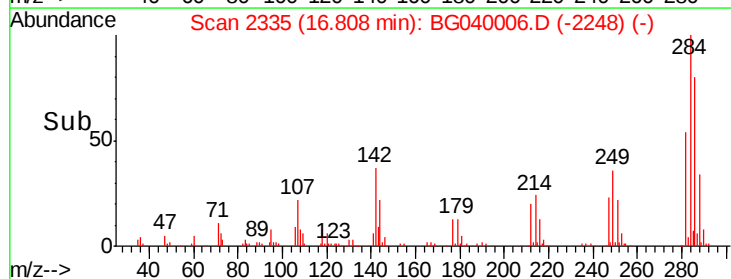
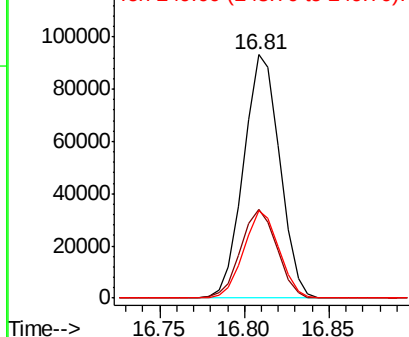


#68
 Hexachlorobenzene
 Concen: 38.477 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Tgt Ion: 284 Resp: 139120
 Ion Ratio Lower Upper
 284 100
 142 36.5 30.6 45.8
 249 36.1 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

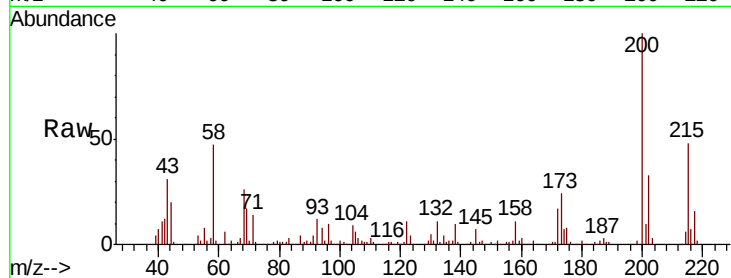




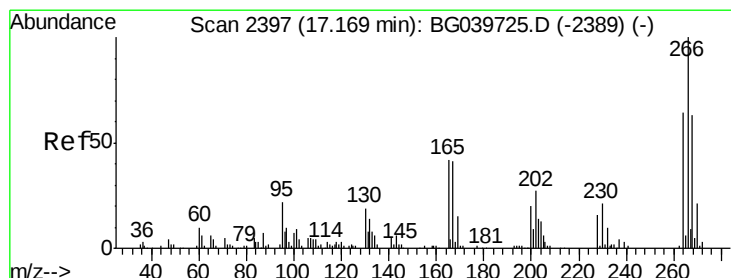
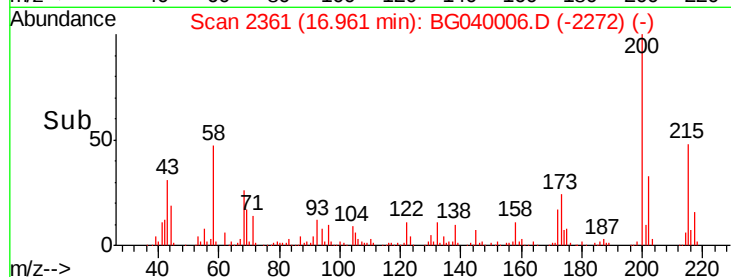
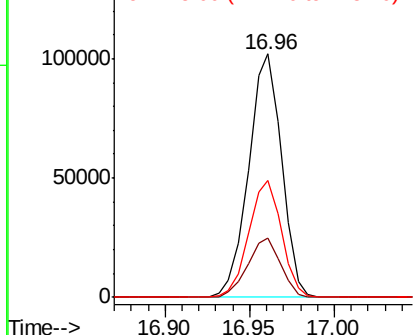
#69
 Atrazine
 Concen: 39.071 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB118005BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	3.9	43.9
215	48.1	30.9	70.9

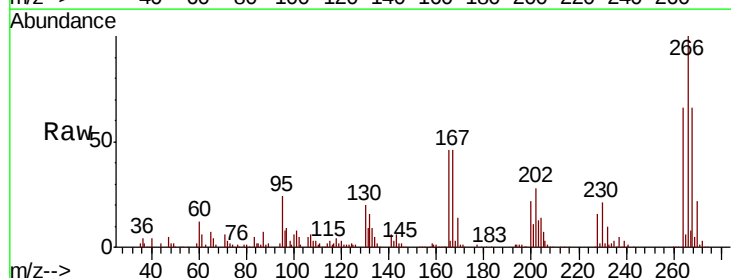


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

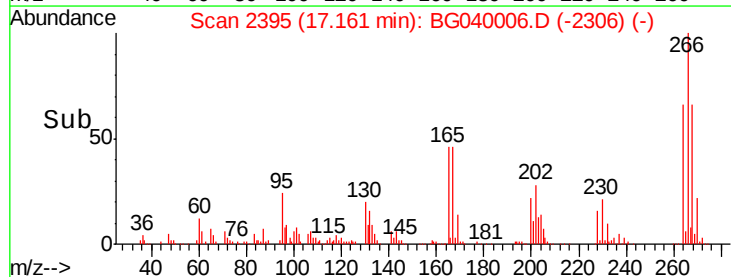
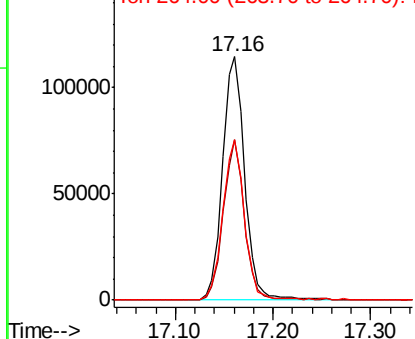


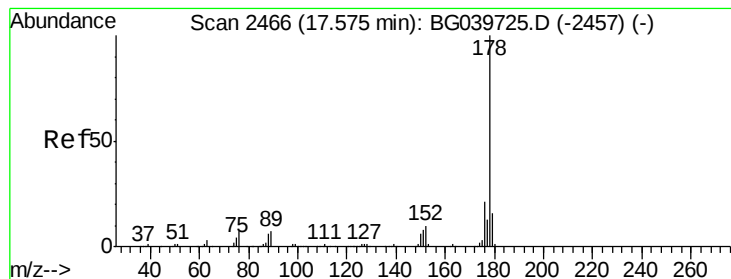
#70
 Pentachlorophenol
 Concen: 78.997 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040006.D
 Acq: 19 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.1	76.7
264	65.8	52.1	78.1



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

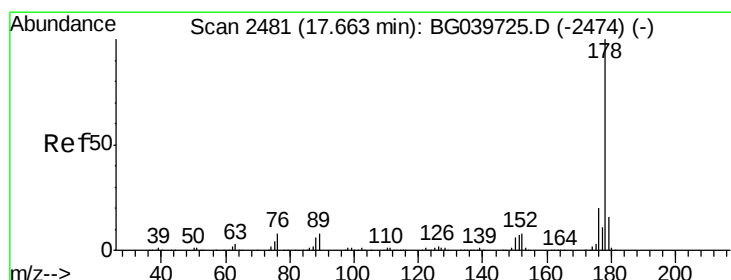
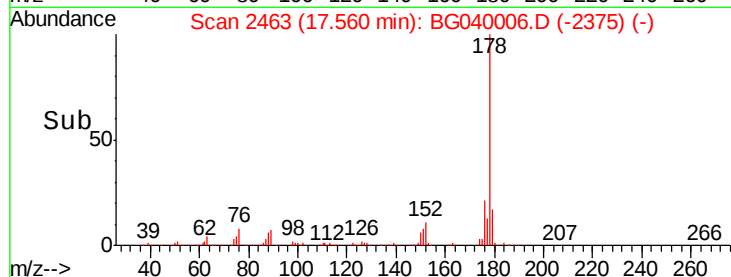
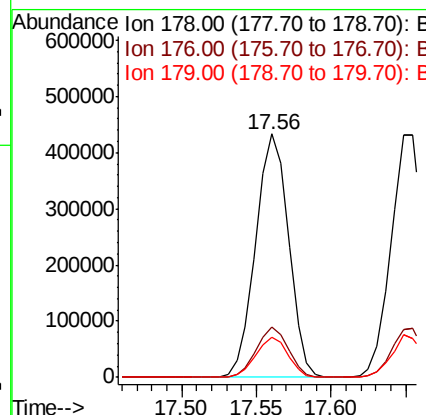
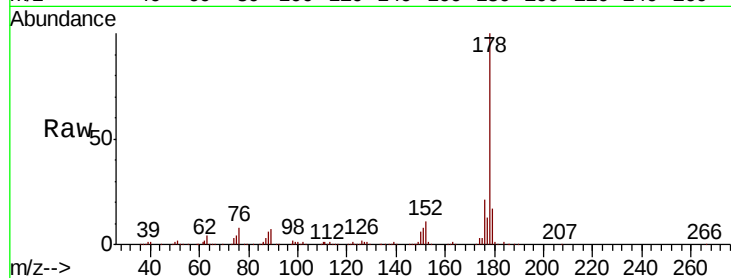




#71
Phenanthrene
Concen: 38.464 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

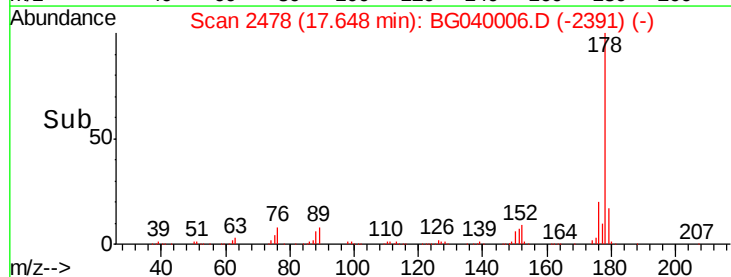
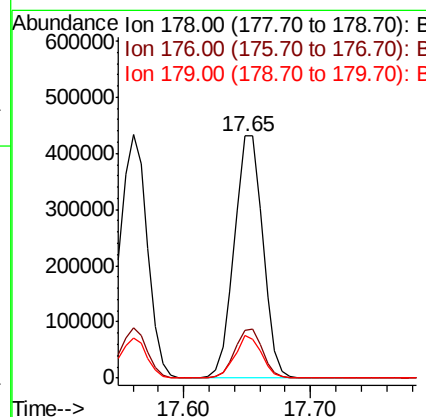
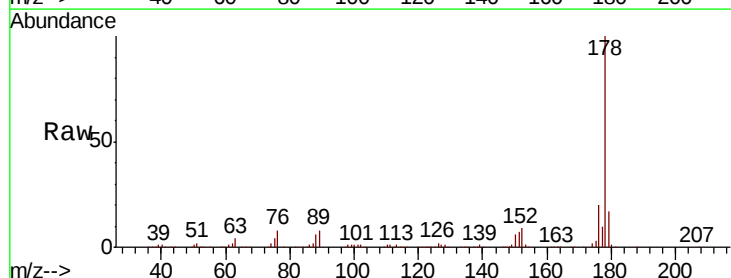
Instrument :
BNA_G
ClientSampleId :
PB118005BS

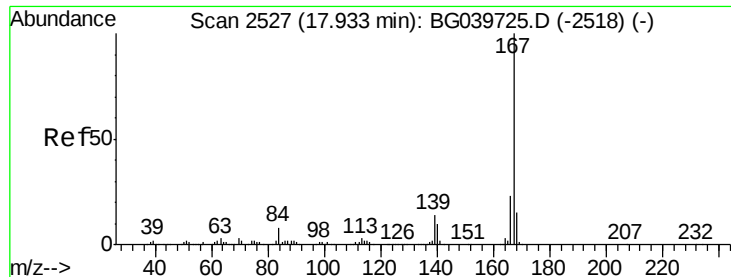
Tgt Ion:178 Resp: 660216
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.5 12.6 19.0



#72
Anthracene
Concen: 40.000 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion:178 Resp: 669065
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 17.4 12.5 18.7





#73

Carbazole

Concen: 39.192 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

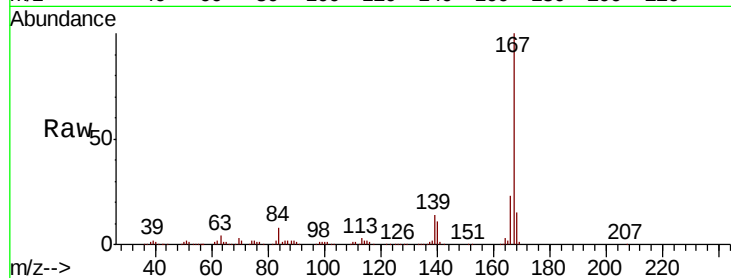
Tgt Ion:167 Resp: 590990

Ion Ratio Lower Upper

167 100

166 23.4 19.4 29.2

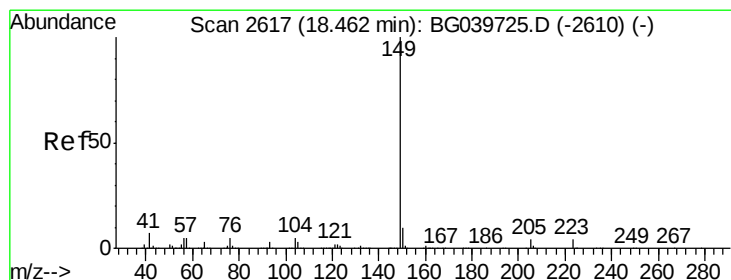
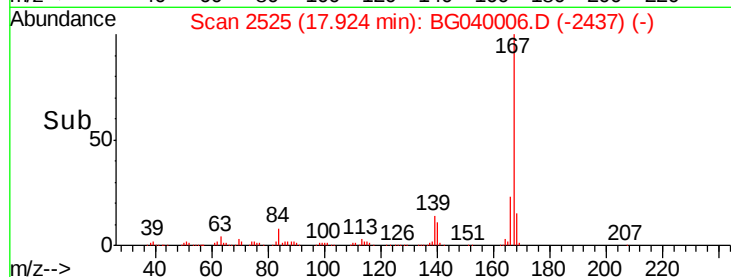
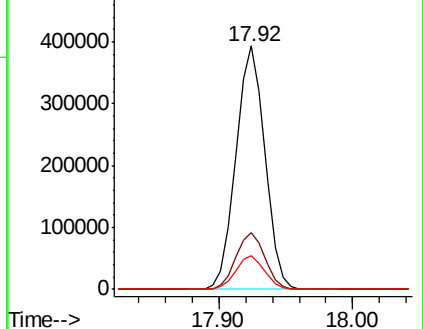
139 14.0 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.766 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

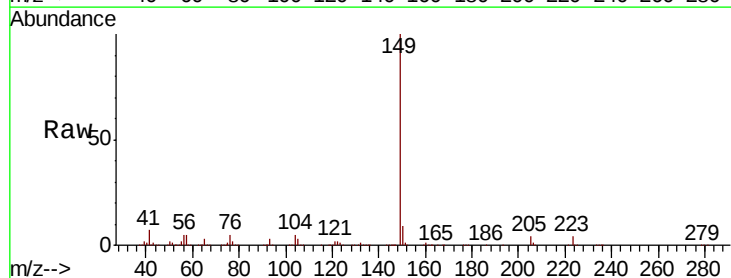
Tgt Ion:149 Resp: 723267

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

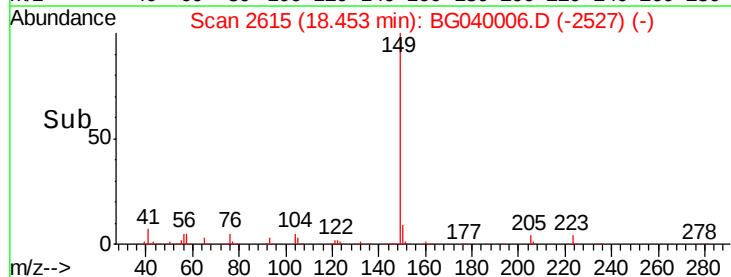
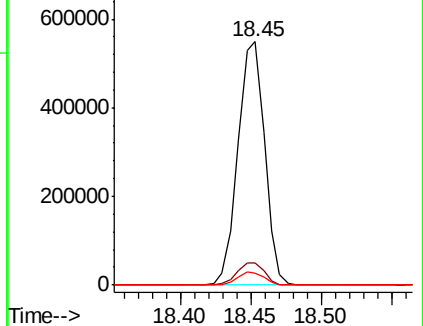
104 5.1 4.5 6.7

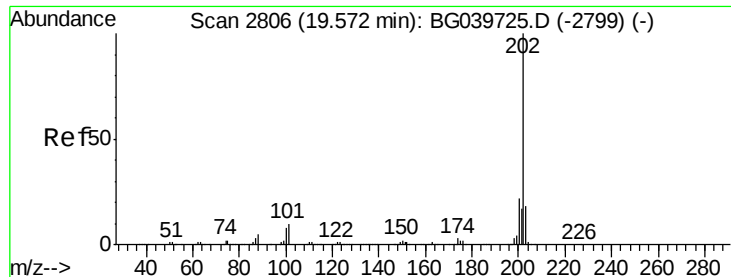


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.577 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

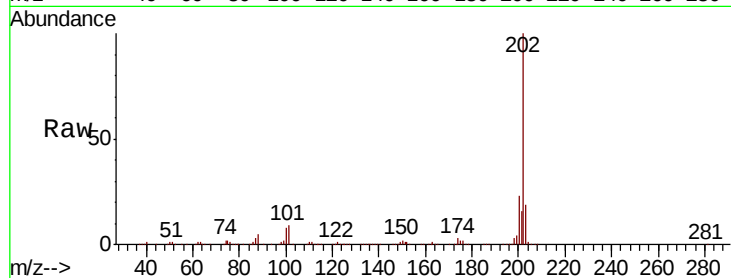
Tgt Ion:202 Resp: 802834

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.0

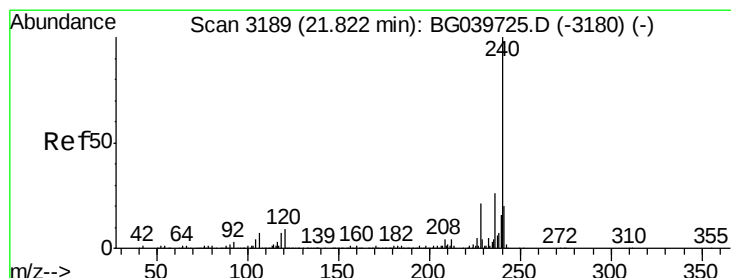
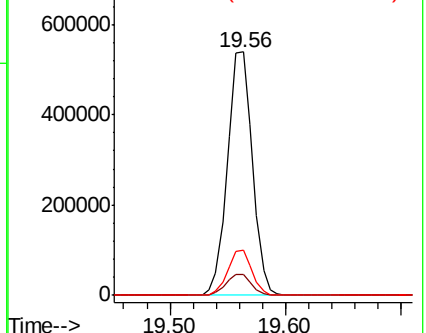
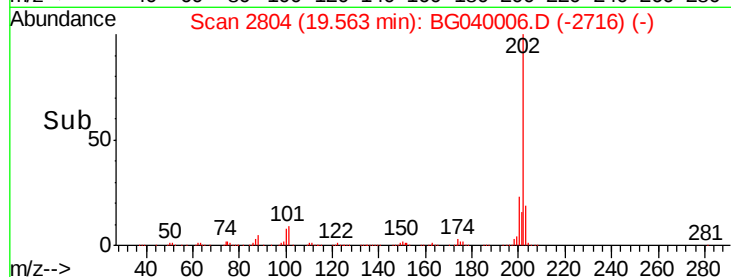
203 18.7 0.0 38.9



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: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

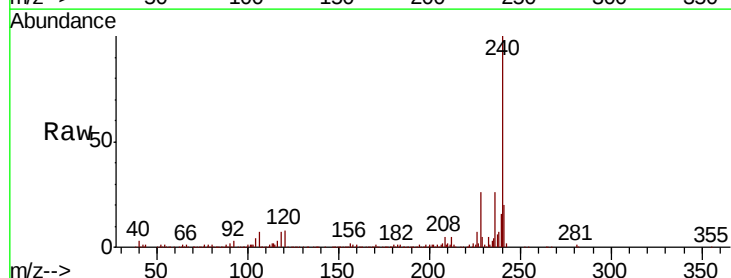
Tgt Ion:240 Resp: 326200

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

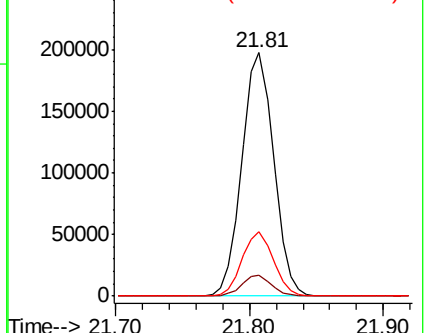
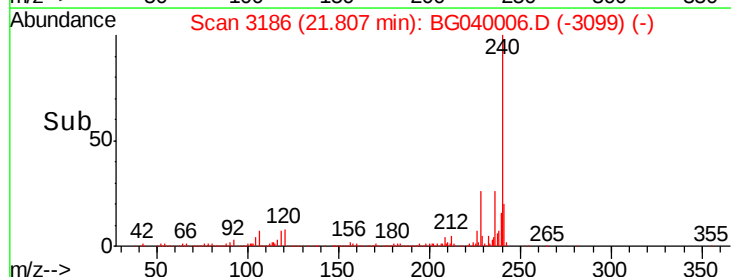
236 26.3 21.0 31.4

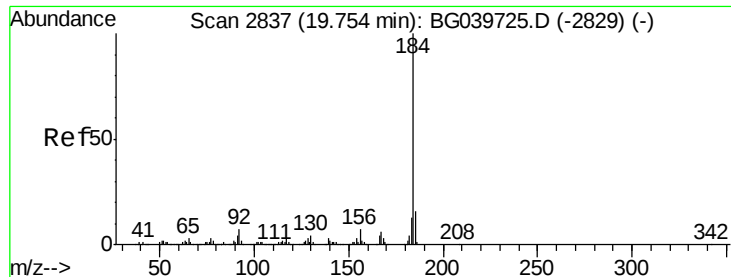


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.666 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

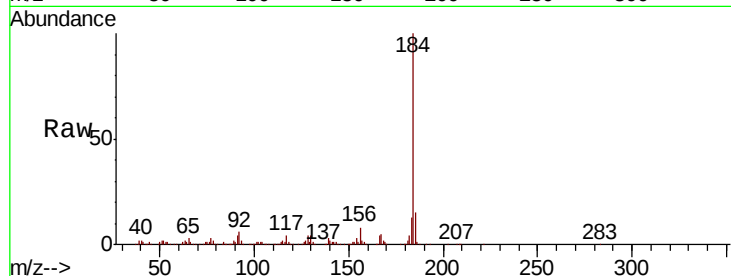
Tgt Ion:184 Resp: 389887

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

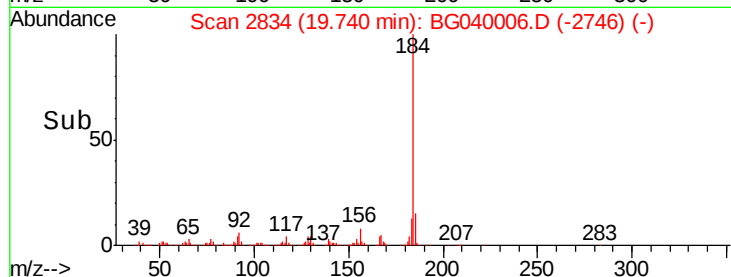
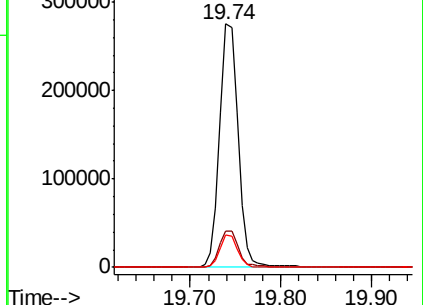
183 13.1 10.6 15.8



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: 37.564 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

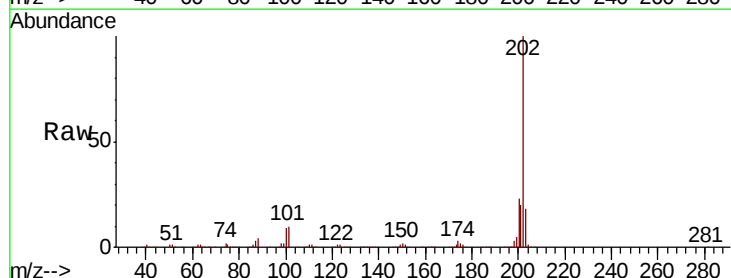
Tgt Ion:202 Resp: 796240

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

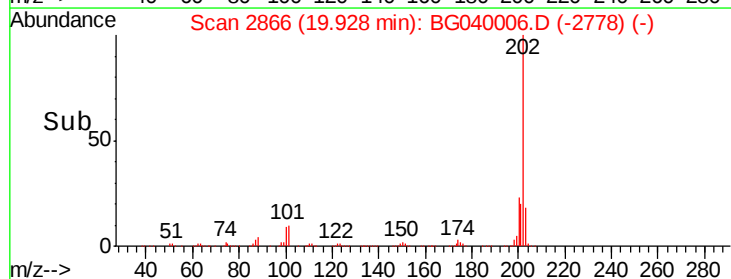
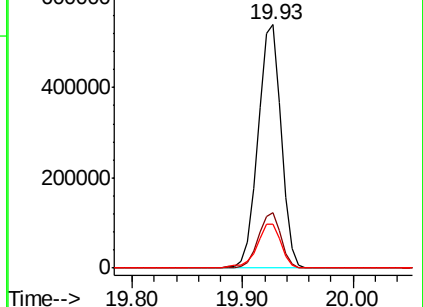
203 18.0 15.3 22.9

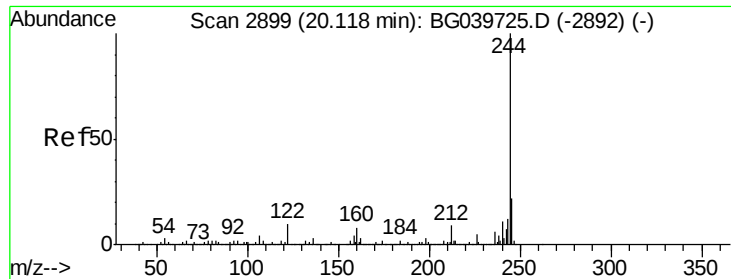


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.984 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.01 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampled :

PB118005BS

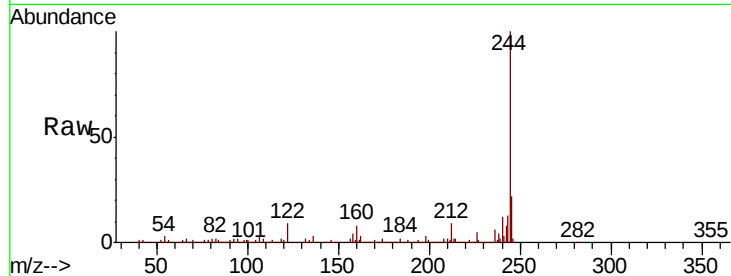
Tgt Ion:244 Resp: 1110896

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

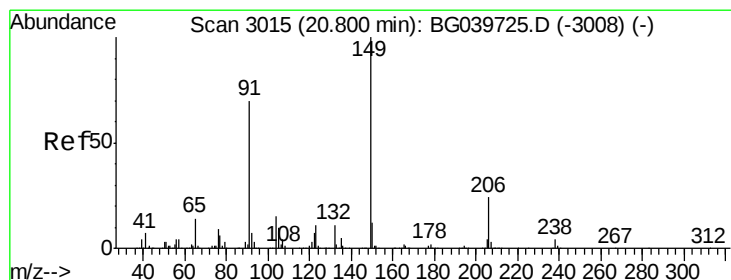
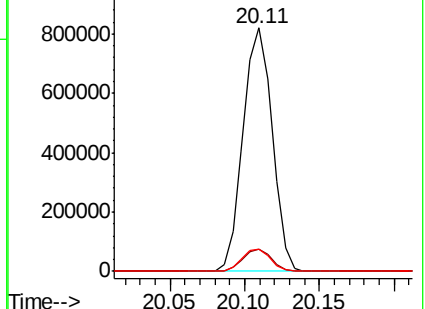
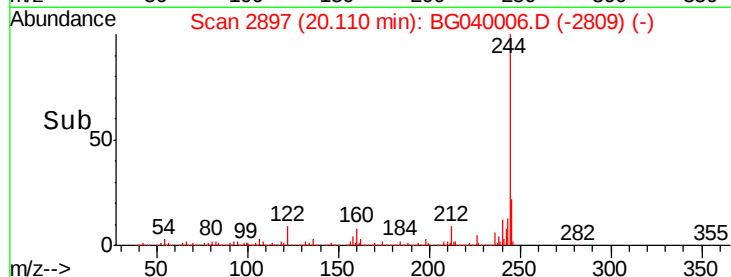
122 9.3 8.4 12.6



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: 42.588 ng

RT: 20.79 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

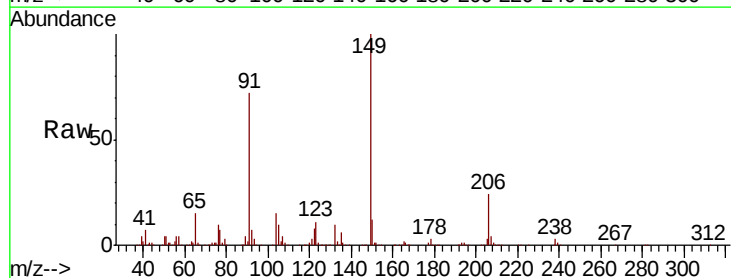
Tgt Ion:149 Resp: 349737

Ion Ratio Lower Upper

149 100

91 72.1 59.5 89.3

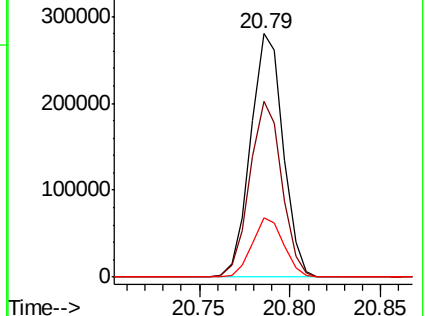
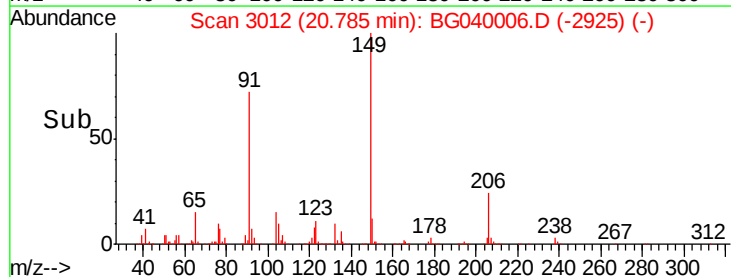
206 24.1 18.6 27.8



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

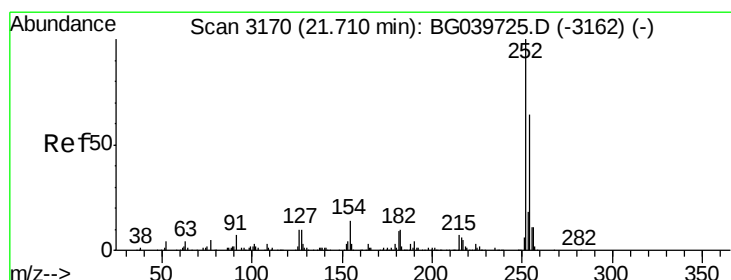
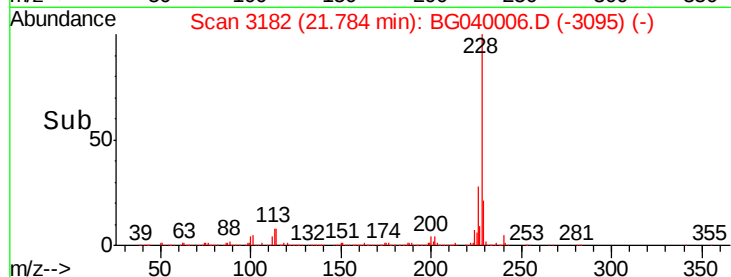
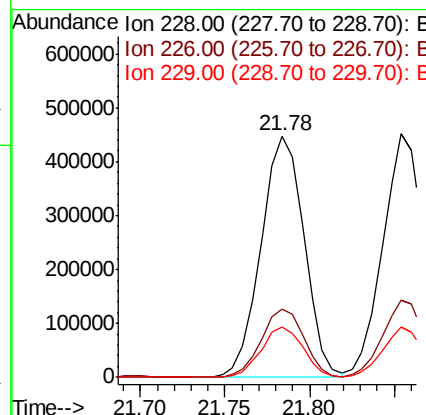
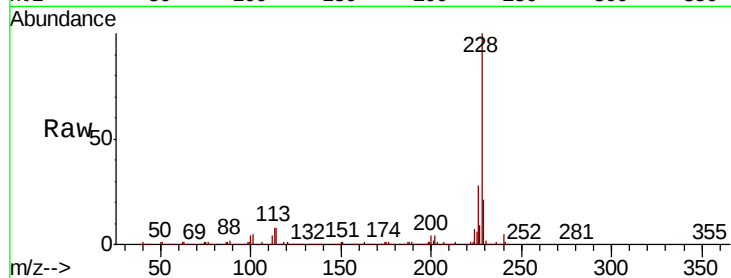




#81
Benzo(a)anthracene
Concen: 38.636 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

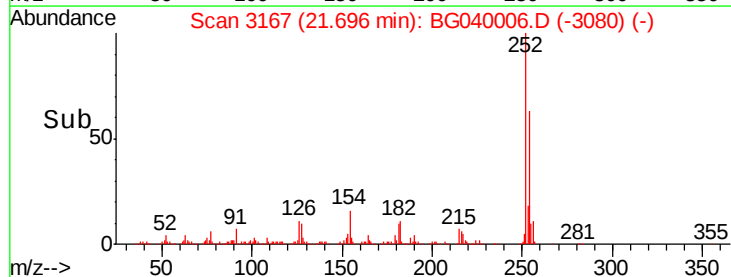
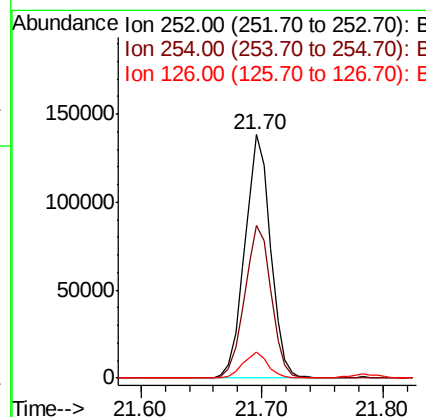
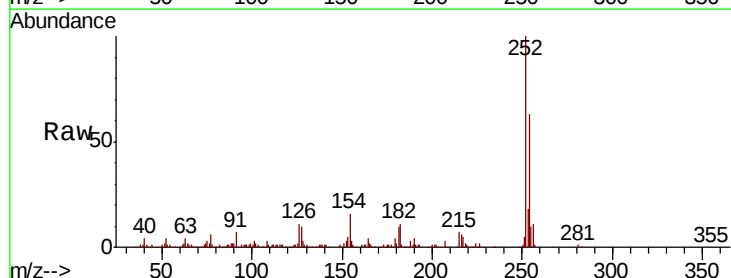
Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion: 228 Resp: 789864
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.6
229 20.9 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 27.563 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion: 252 Resp: 205729
Ion Ratio Lower Upper
252 100
254 62.7 51.3 76.9
126 10.5 8.0 12.0





#83

Chrysene

Concen: 37.926 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

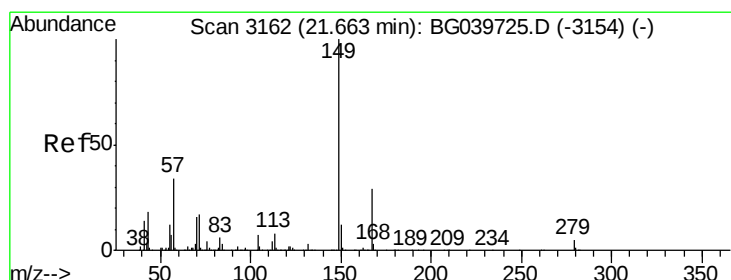
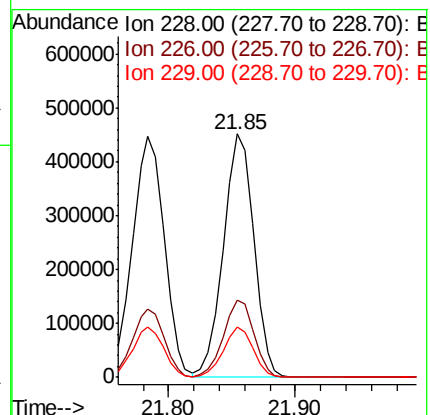
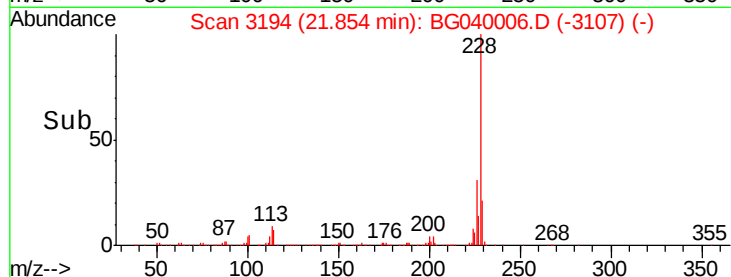
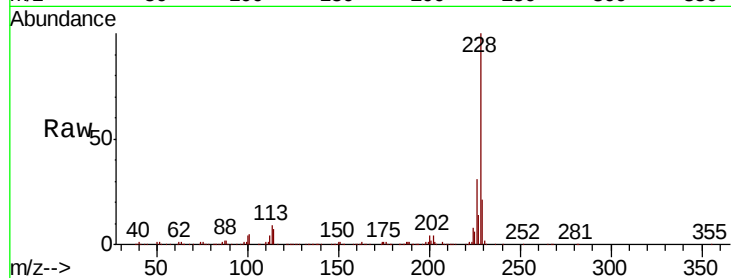
Tgt Ion:228 Resp: 751693

Ion Ratio Lower Upper

228 100

226 31.5 25.8 38.6

229 20.8 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.381 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

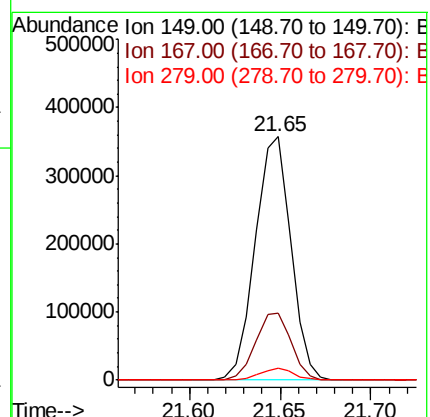
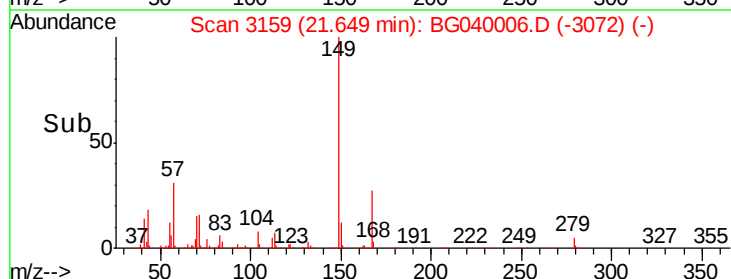
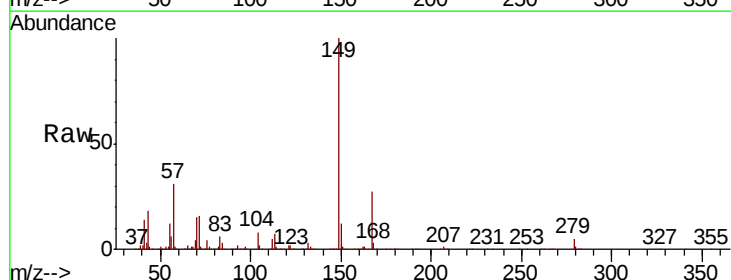
Tgt Ion:149 Resp: 489076

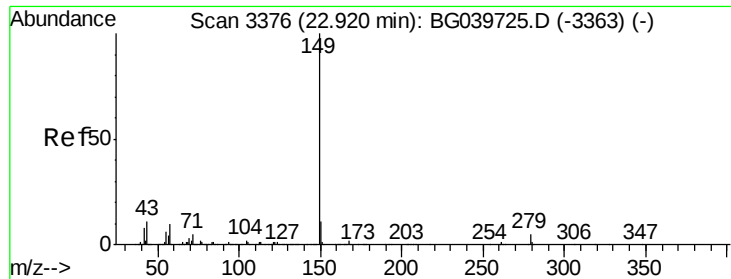
Ion Ratio Lower Upper

149 100

167 27.4 22.6 34.0

279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.626 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

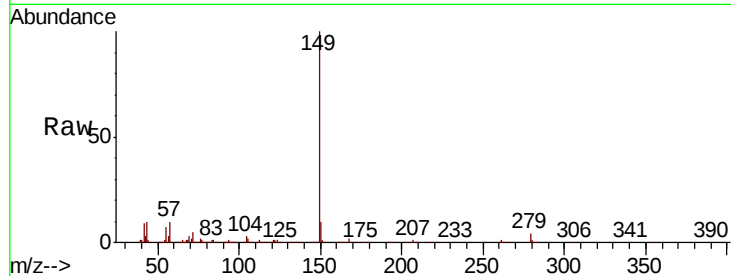
Tgt Ion:149 Resp: 833594

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

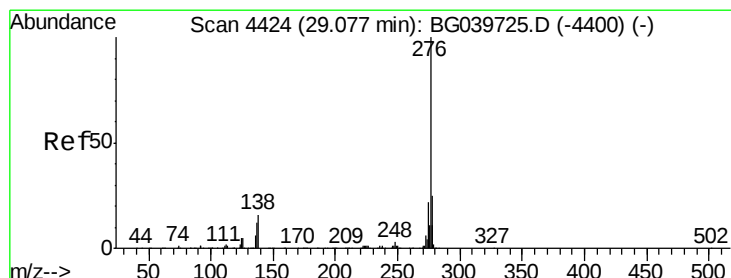
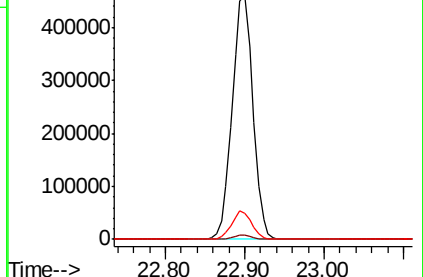
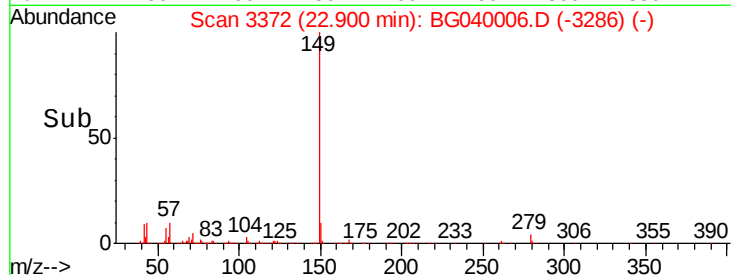
43 11.0 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.272 ng

RT: 29.03 min Scan# 4416

Delta R.T. -0.06 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

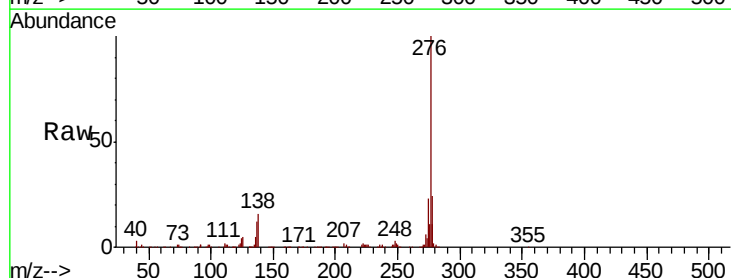
Tgt Ion:276 Resp: 905495

Ion Ratio Lower Upper

276 100

138 13.9 12.6 19.0

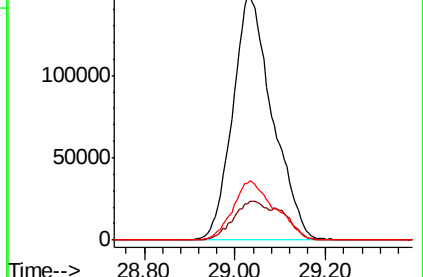
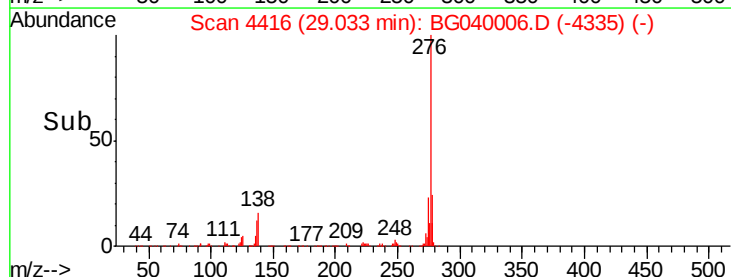
277 25.7 20.8 31.2

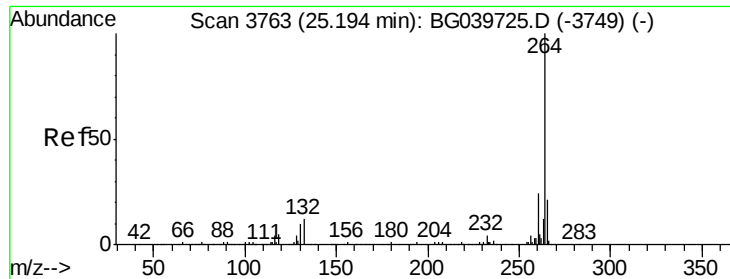


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

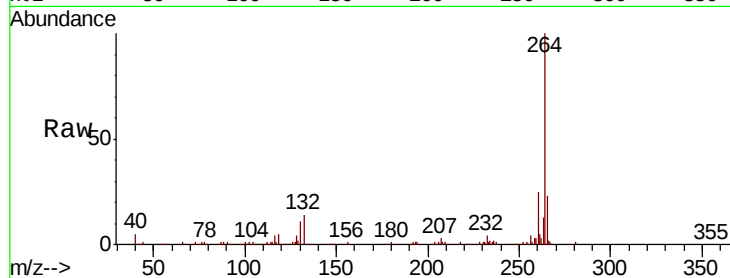




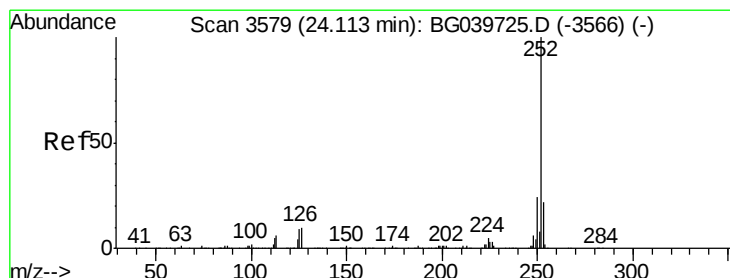
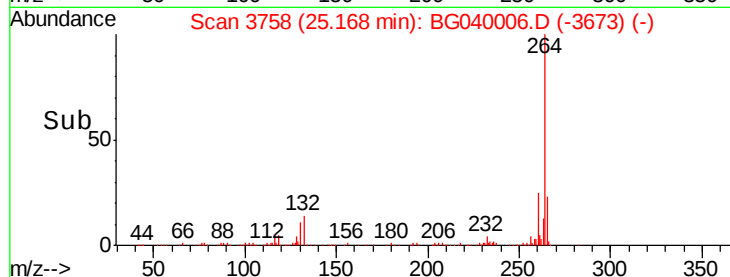
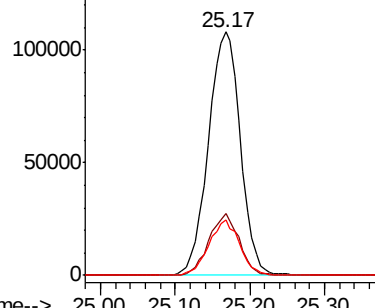
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion:	264	Resp:	320829
Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.2	27.4
265	22.6	18.5	27.7

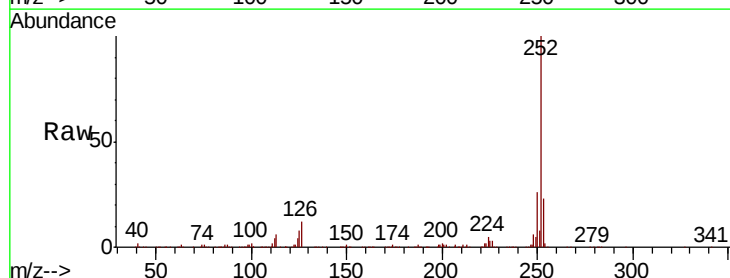


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

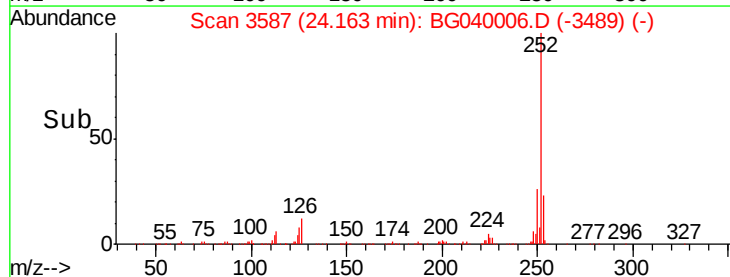
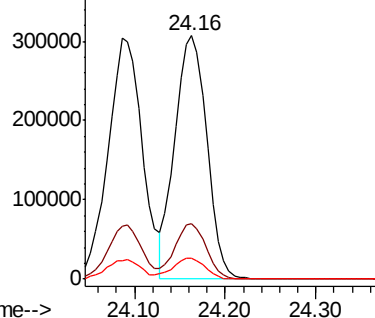


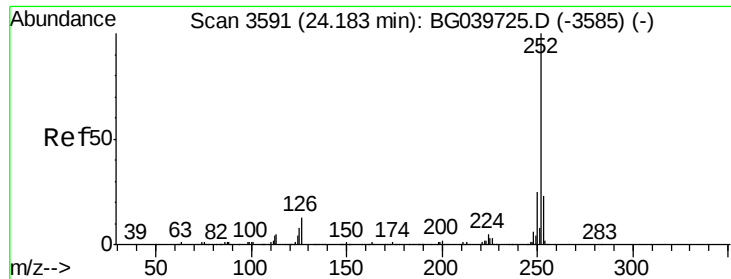
#88
Benzo(b)fluoranthene
Concen: 39.254 ng
RT: 24.16 min Scan# 3587
Delta R.T. 0.04 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion:	252	Resp:	750995
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	8.4	7.8	11.6



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

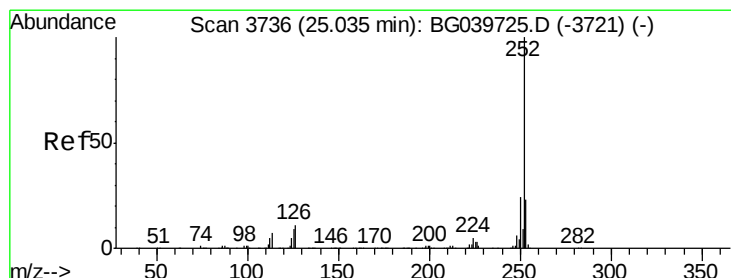
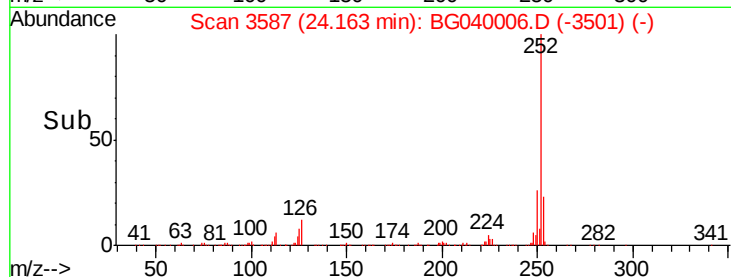
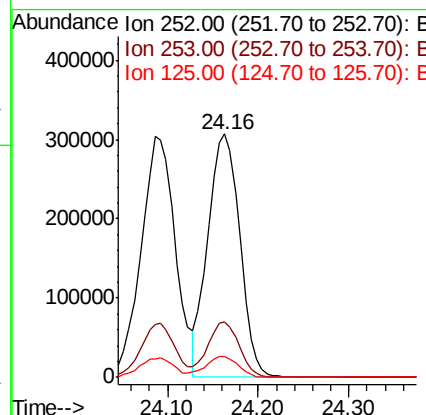
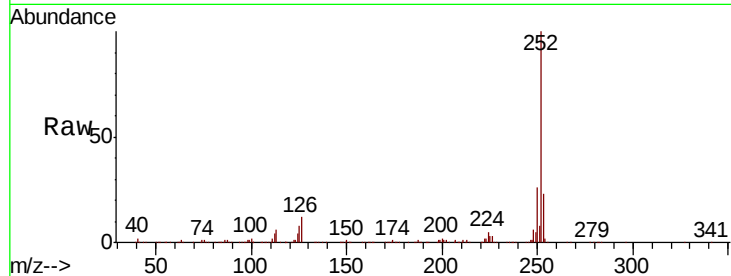




#89
Benzo(k)fluoranthene
Concen: 42.170 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

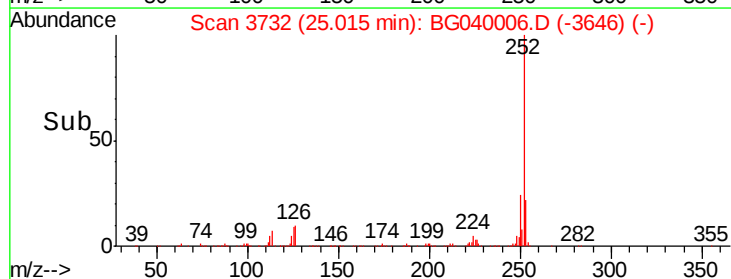
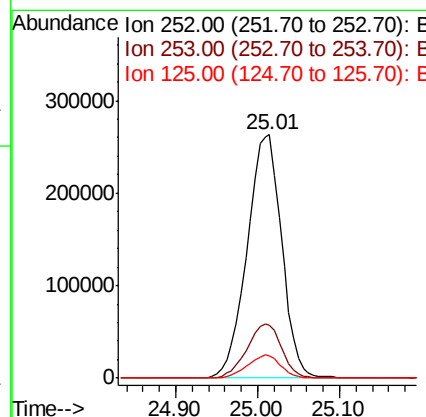
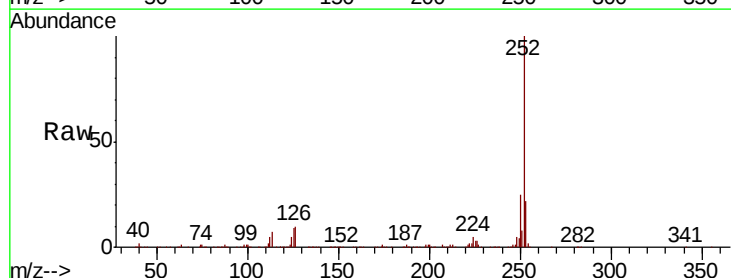
Instrument :
BNA_G
ClientSampleId :
PB118005BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.4	7.4	11.2



#90
Benzo(a)pyrene
Concen: 43.710 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG040006.D
Acq: 19 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	9.0	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 42.162 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.05 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB118005BS

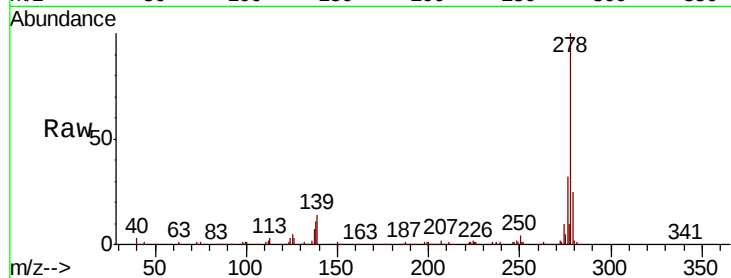
Tgt Ion:278 Resp: 730729

Ion Ratio Lower Upper

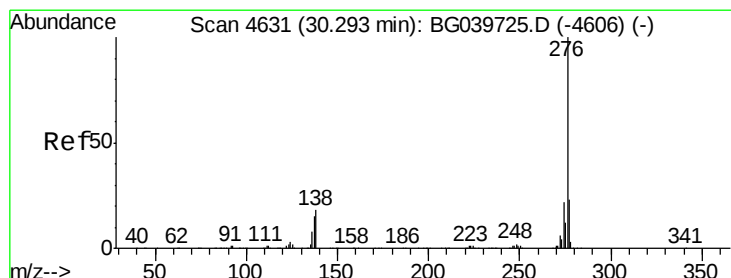
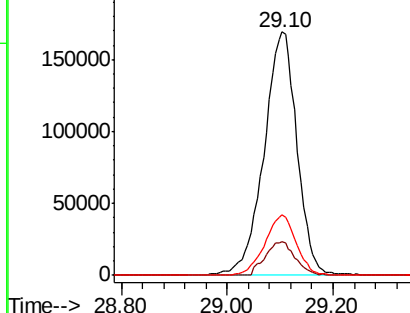
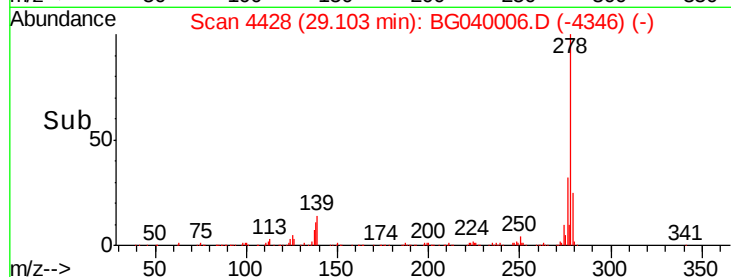
278 100

139 13.7 11.7 17.5

279 24.9 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: 43.109 ng

RT: 30.27 min Scan# 4626

Delta R.T. -0.04 min

Lab File: BG040006.D

Acq: 19 Mar 2019 17:19

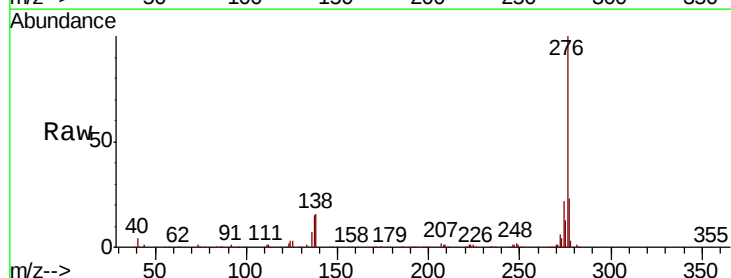
Tgt Ion:276 Resp: 750375

Ion Ratio Lower Upper

276 100

277 22.7 19.6 29.4

138 15.7 14.7 22.1



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

