

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040120.D
 Acq On : 25 Mar 2019 16:52
 Operator : JU/SJ
 Sample : PB118239BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118239BS

Quant Time: Mar 26 02:53:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44673	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	188118	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	132788	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	334048	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	329666	20.00	ng	-0.03
87) Perylene-d12	25.16	264	326741	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	383241	146.36	ng	-0.02
7) Phenol-d6	7.30	99	550774	141.06	ng	-0.02
23) Nitrobenzene-d5	9.32	82	324117	93.18	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	235761	152.33	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	813556	87.23	ng	-0.02
79) Terphenyl-d14	20.11	244	1309837	87.48	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	36370	30.085	ng	94
3) Pyridine	3.98	79	101372	31.322	ng	96
4) n-Nitrosodimethylamine	3.90	42	59651	38.851	ng	84
6) Aniline	7.47	93	149363	29.199	ng	96
8) 2-Chlorophenol	7.70	128	131703	41.458	ng	93
9) Benzaldehyde	7.28	77	64686	25.683	ng	98
10) Phenol	7.32	94	177849	42.047	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	121772	36.925	ng	97
12) 1,3-Dichlorobenzene	8.02	146	137197	38.186	ng	99
13) 1,4-Dichlorobenzene	8.18	146	140912	38.504	ng	99
14) 1,2-Dichlorobenzene	8.49	146	135303	38.265	ng	98
15) Benzyl Alcohol	8.38	79	124215	40.106	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	232557	35.259	ng	96
17) 2-Methylphenol	8.58	107	114318	42.386	ng	98
18) Hexachloroethane	9.22	117	50757	38.653	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	102454	36.456	ng	92
20) 3+4-Methylphenols	8.91	107	158557	42.318	ng	98
22) Acetophenone	8.97	105	200255	39.662	ng	# 94
24) Nitrobenzene	9.36	77	154729	42.404	ng	95
25) Isophorone	9.88	82	291513	39.999	ng	97
26) 2-Nitrophenol	10.07	139	78340	44.466	ng	96
27) 2,4-Dimethylphenol	10.12	122	134106	48.943	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	176776	39.914	ng	95
29) 2,4-Dichlorophenol	10.60	162	146964	47.638	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	147992	42.632	ng	99
31) Naphthalene	11.01	128	412537	41.419	ng	99
32) Benzoic acid	10.27	122	70765	39.042	ng	97
33) 4-Chloroaniline	11.13	127	66984	15.860	ng	96
34) Hexachlorobutadiene	11.27	225	95467	40.245	ng	95
35) Caprolactam	11.91	113	29896	25.369	ng	# 84
36) 4-Chloro-3-methylphenol	12.23	107	160268	45.320	ng	97
37) 2-Methylnaphthalene	12.61	142	320064	42.982	ng	97
38) 1-Methylnaphthalene	12.82	142	305781	42.255	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	181767	40.406	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	224583	93.158	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	125262	47.562	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	134847	45.424	ng	98
46) 1,1'-Biphenyl	13.61	154	433181	39.663	ng	99
47) 2-Chloronaphthalene	13.65	162	341168	41.523	ng	100
48) 2-Nitroaniline	13.86	65	118223	44.774	ng	90
49) Acenaphthylene	14.50	152	551805	40.911	ng	99
50) Dimethylphthalate	14.22	163	471632	42.476	ng	100
51) 2,6-Dinitrotoluene	14.35	165	105882	44.981	ng	97
52) Acenaphthene	14.83	154	336017	41.392	ng	98
53) 3-Nitroaniline	14.69	138	59983	25.350	ng	# 94
54) 2,4-Dinitrophenol	14.89	184	121706	81.856	ng	100
55) Dibenzofuran	15.17	168	564278	42.366	ng	98
56) 4-Nitrophenol	14.99	139	175580	82.949	ng	90
57) 2,4-Dinitrotoluene	15.13	165	156416	47.291	ng	# 86
58) Fluorene	15.81	166	448384	42.823	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	142592	49.183	ng	97
60) Diethylphthalate	15.57	149	486720	44.280	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	241848	43.285	ng	99
62) 4-Nitroaniline	15.85	138	111721	43.552	ng	93
63) Azobenzene	16.09	77	423180	42.472	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	95665	48.435	ng	97
66) n-Nitrosodiphenylamine	16.01	169	419968	43.427	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	162550	43.473	ng	94
68) Hexachlorobenzene	16.81	284	169407	43.708	ng	95
69) Atrazine	16.95	200	159315	41.858	ng	98
70) Pentachlorophenol	17.16	266	215761	88.145	ng	99
71) Phenanthrene	17.56	178	763673	41.504	ng	98
72) Anthracene	17.65	178	769324	42.906	ng	98
73) Carbazole	17.92	167	674249	41.712	ng	98
74) Di-n-butylphthalate	18.45	149	818159	43.019	ng	99
75) Fluoranthene	19.56	202	912831	41.978	ng	99
77) Benzidine	19.74	184	281097	26.870	ng	99
78) Pyrene	19.92	202	908982	42.432	ng	99
80) Butylbenzylphthalate	20.78	149	377435	45.477	ng	95
81) Benzo(a)anthracene	21.78	228	886222	42.893	ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	193279	25.623	ng	99
83) Chrysene	21.85	228	824849	41.180	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	519561	44.549	ng	98
85) Di-n-octyl phthalate	22.89	149	889666	46.071	ng	# 94
86) Indeno(1,2,3-cd)pyrene	29.03	276	1000055	44.010	ng	# 95
88) Benzo(b)fluoranthene	24.09	252	880701	45.201	ng	99
89) Benzo(k)fluoranthene	24.16	252	836099	46.099	ng	98
90) Benzo(a)pyrene	25.01	252	847962	47.097	ng	98
91) Dibenzo(a,h)anthracene	29.09	278	807728	45.761	ng	97
92) Benzo(g,h,i)perylene	30.24	276	828355	46.728	ng	98

(#) = 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

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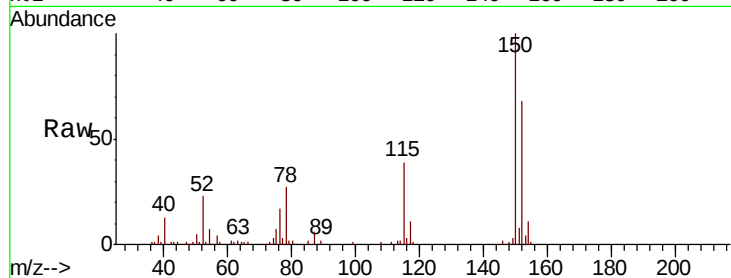
Tgt Ion:152 Resp: 44673

Ion Ratio Lower Upper

152 100

150 147.9 123.7 185.5

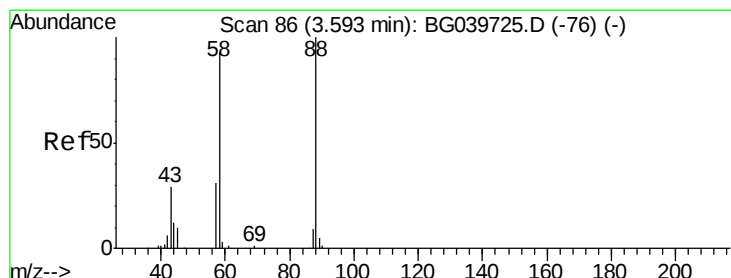
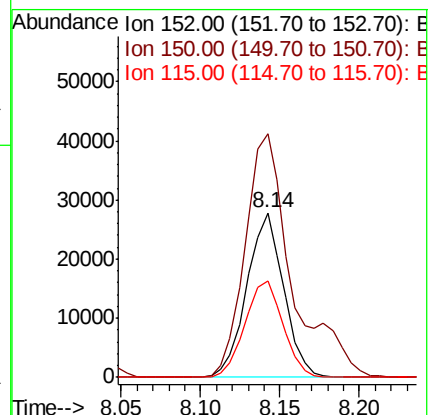
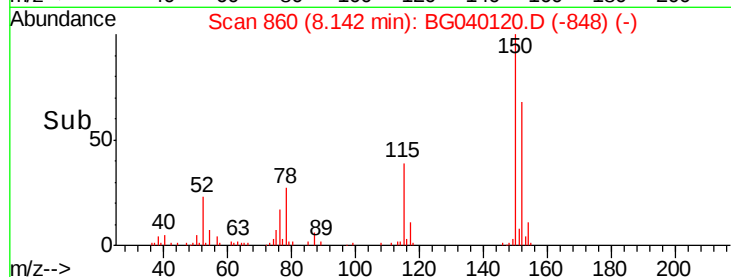
115 58.4 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.085 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

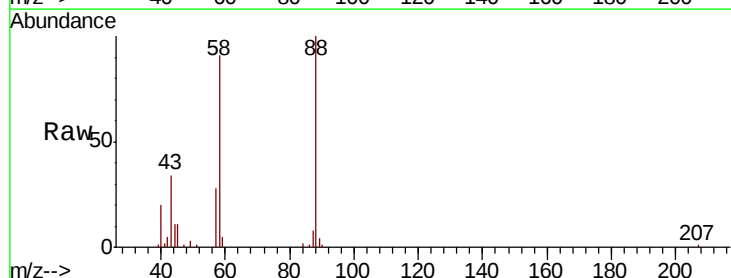
Tgt Ion: 88 Resp: 36370

Ion Ratio Lower Upper

88 100

58 96.1 81.1 121.7

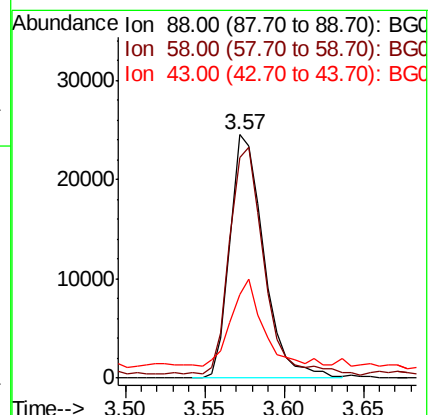
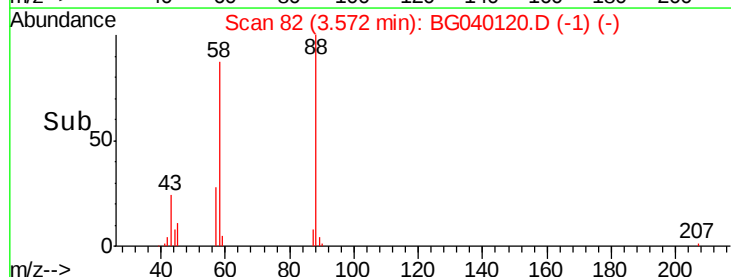
43 34.0 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.322 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

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ClientSampleId :

PB118239BS

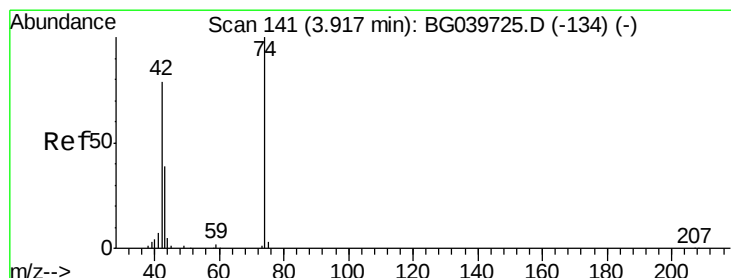
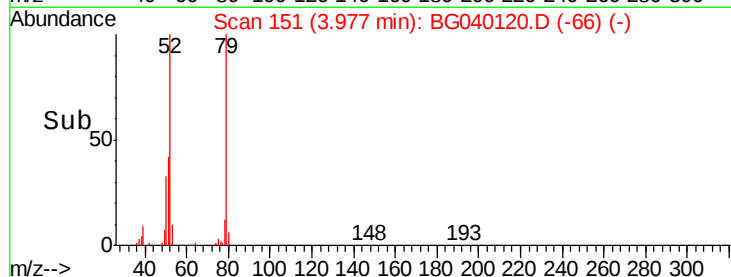
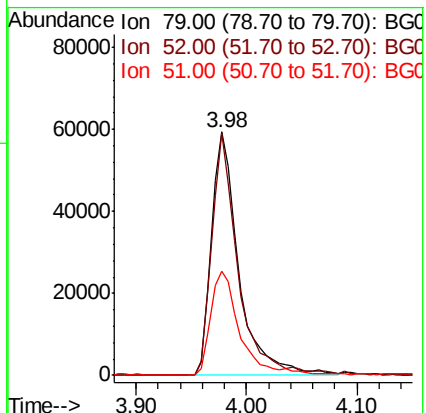
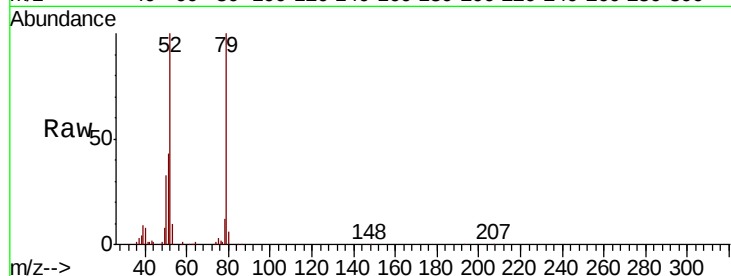
Tgt Ion: 79 Resp: 101372

Ion Ratio Lower Upper

79 100

52 99.8 82.6 124.0

51 42.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.851 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

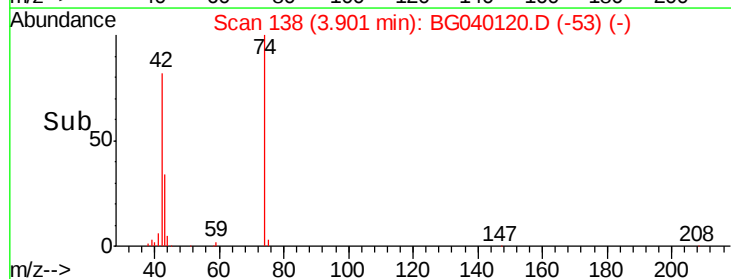
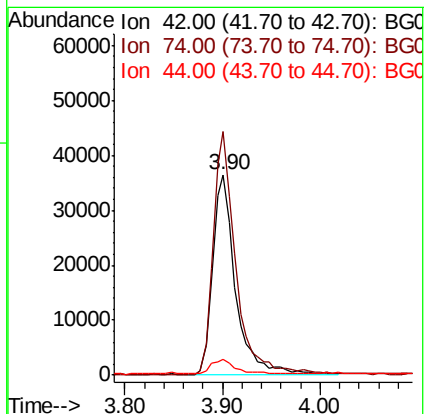
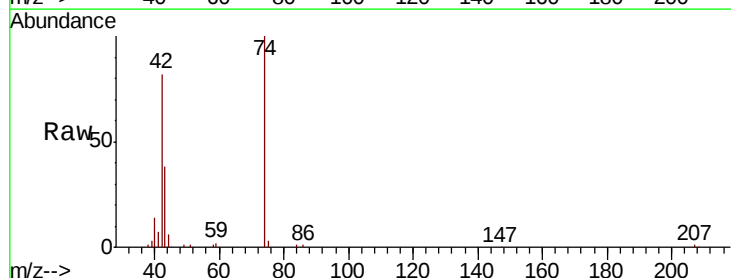
Tgt Ion: 42 Resp: 59651

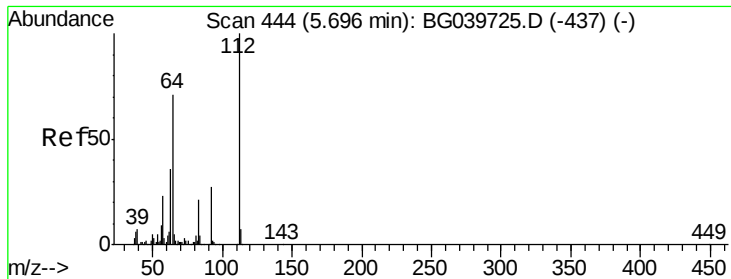
Ion Ratio Lower Upper

42 100

74 121.6 83.6 125.4

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 146.355 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

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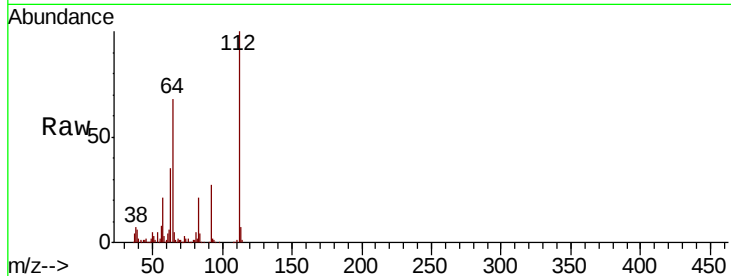
Tgt Ion: 112 Resp: 383241

Ion Ratio Lower Upper

112 100

64 67.7 57.8 86.8

63 35.3 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

300000

250000

200000

150000

100000

50000

0

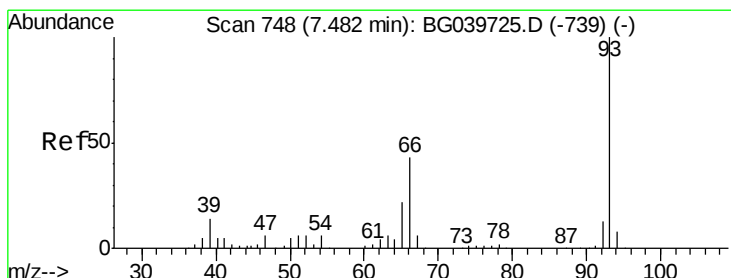
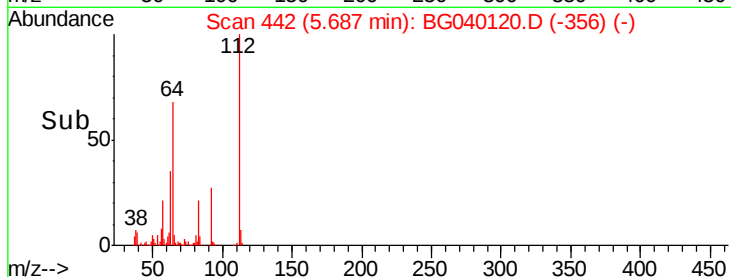
5.69

5.60

5.70

5.80

Time-->



#6

Aniline

Concen: 29.199 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

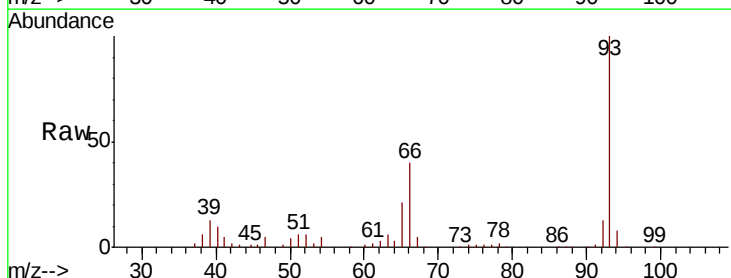
Tgt Ion: 93 Resp: 149363

Ion Ratio Lower Upper

93 100

66 39.9 34.2 51.4

65 21.3 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

100000

80000

60000

40000

20000

0

7.47

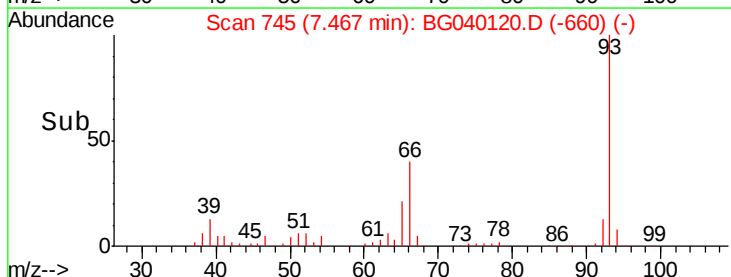
7.40

7.45

7.50

7.55

Time-->





#7

Phenol-d6

Concen: 141.064 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

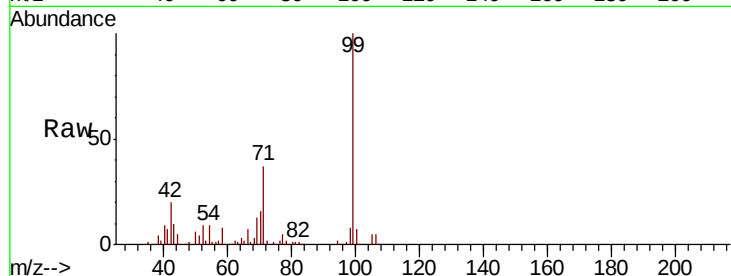
Tgt Ion: 99 Resp: 550774

Ion Ratio Lower Upper

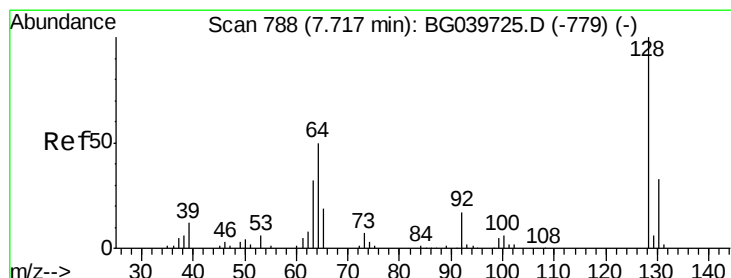
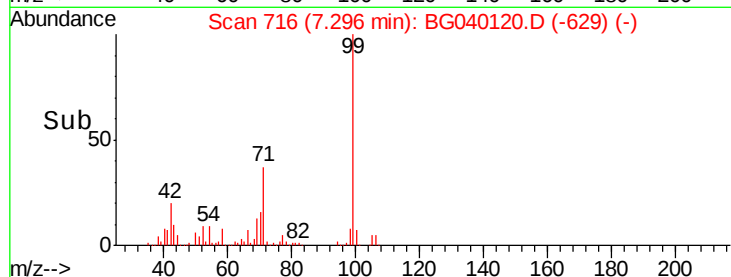
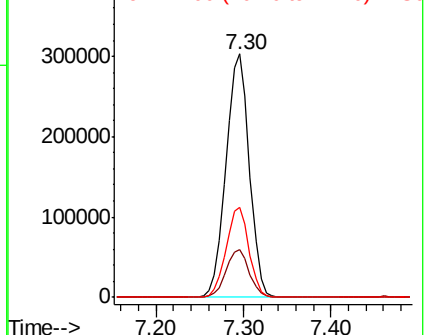
99 100

42 19.7 18.2 27.2

71 37.0 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: 41.458 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

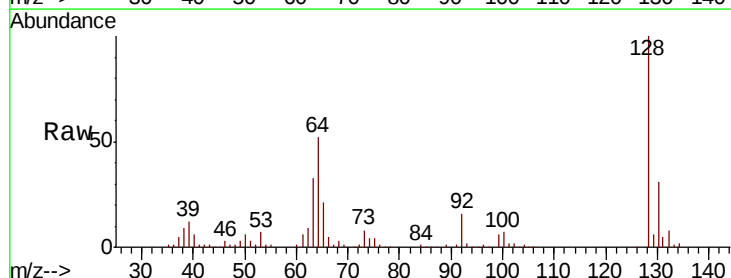
Tgt Ion: 128 Resp: 131703

Ion Ratio Lower Upper

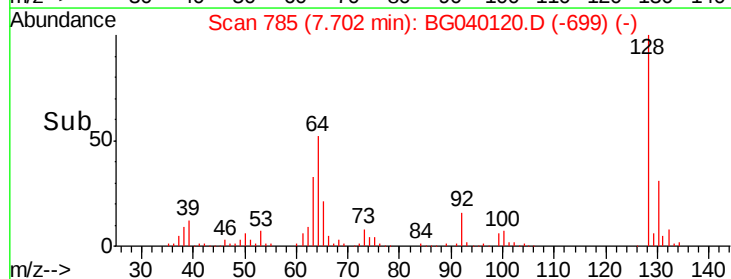
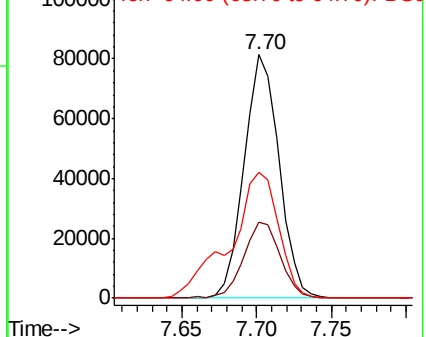
128 100

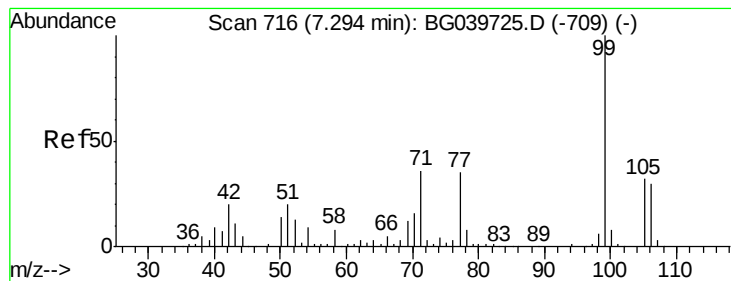
130 31.4 12.9 52.9

64 51.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 25.683 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

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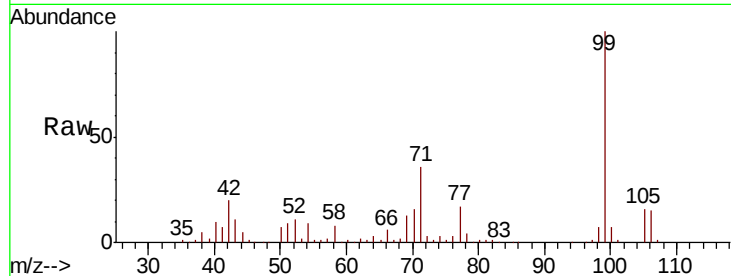
Tgt Ion: 77 Resp: 64686

Ion Ratio Lower Upper

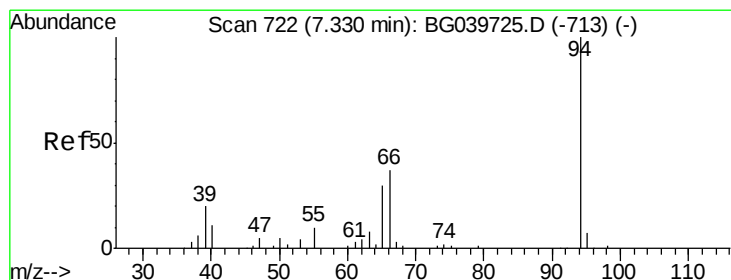
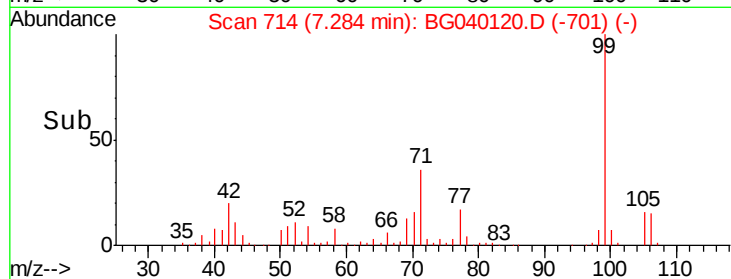
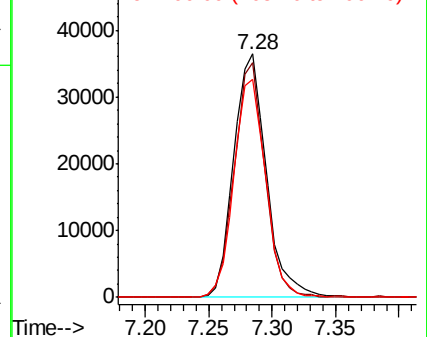
77 100

105 96.2 74.5 114.5

106 89.4 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: 42.047 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

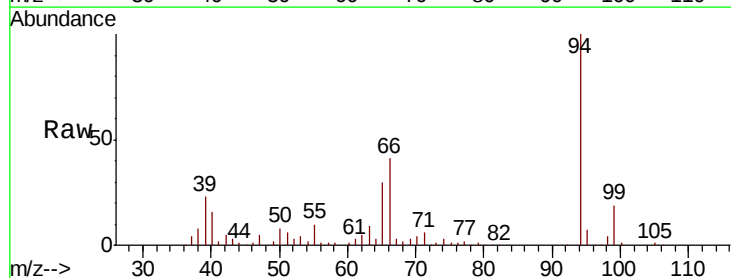
Tgt Ion: 94 Resp: 177849

Ion Ratio Lower Upper

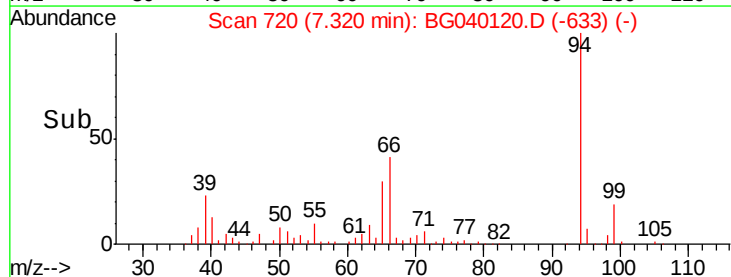
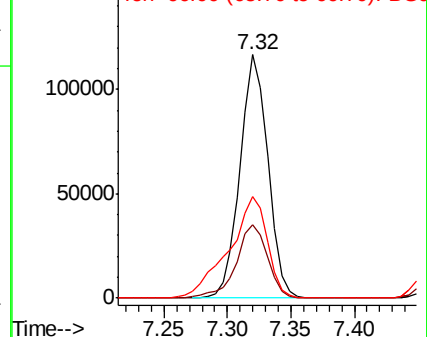
94 100

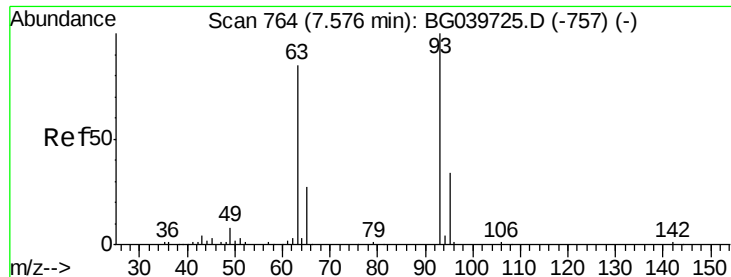
65 30.1 11.7 51.7

66 41.5 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



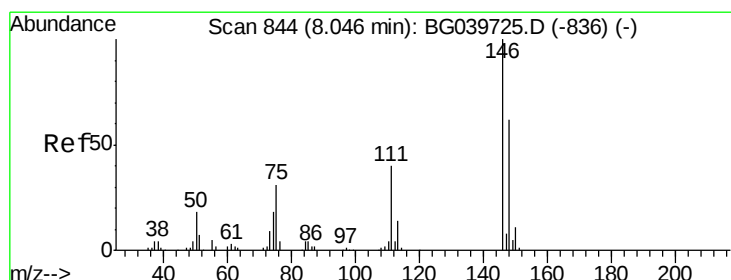
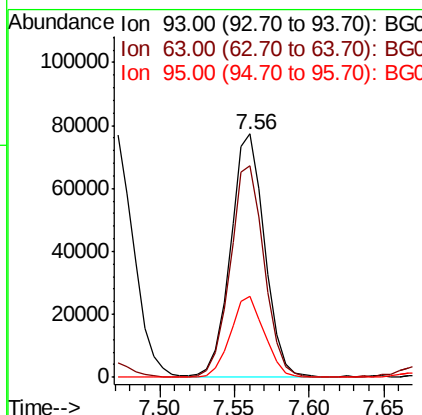
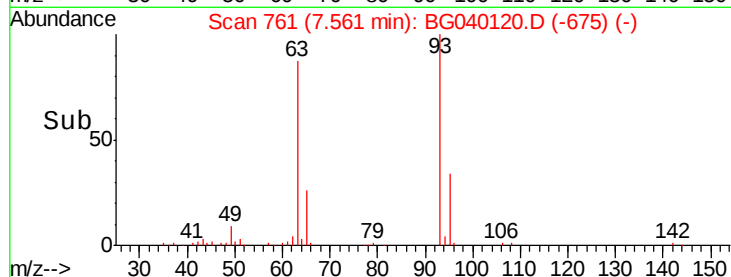
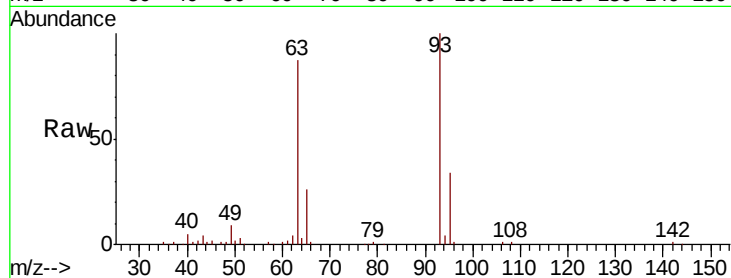


#11
bis(2-Chloroethyl)ether
Concen: 36.925 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion: 93 Resp: 121772

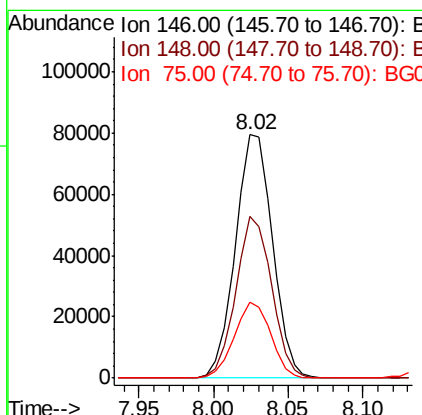
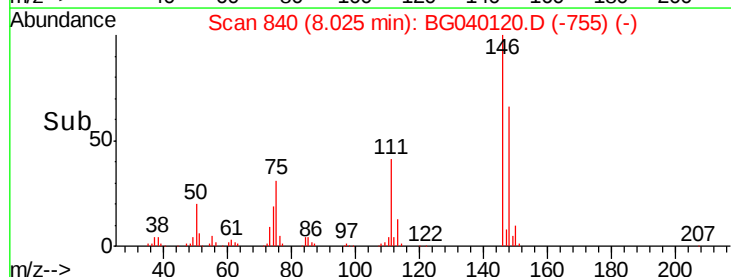
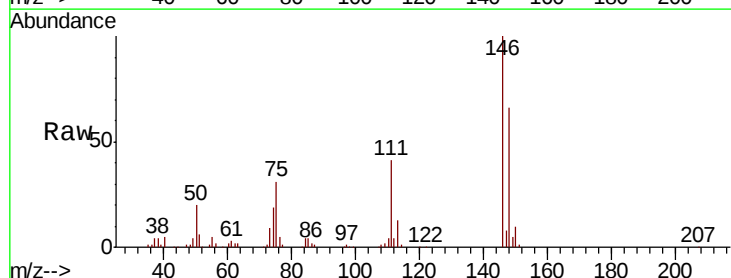
Ion	Ratio	Lower	Upper
93	100		
63	86.7	69.5	109.5
95	33.5	12.7	52.7

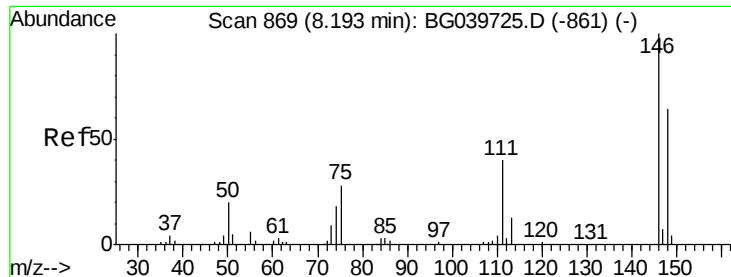


#12
1,3-Dichlorobenzene
Concen: 38.186 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.03 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion: 146 Resp: 137197

Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.6	79.0
75	31.1	25.8	38.6

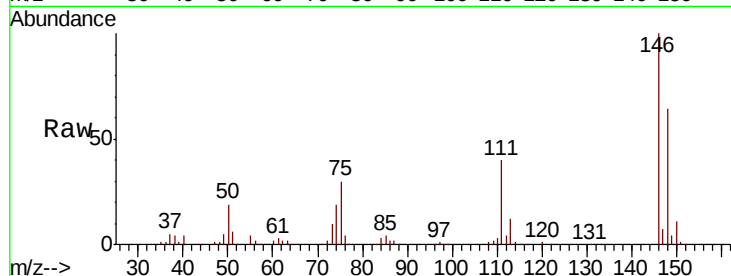




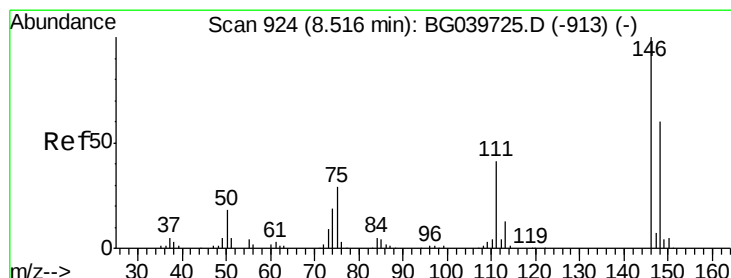
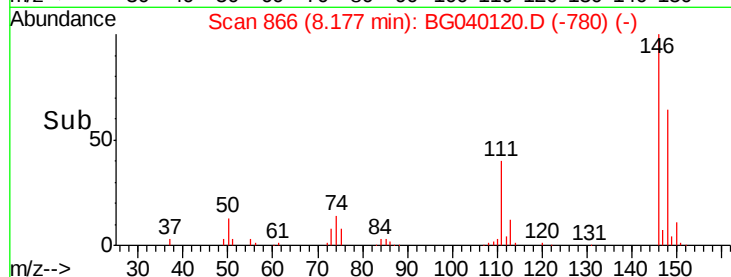
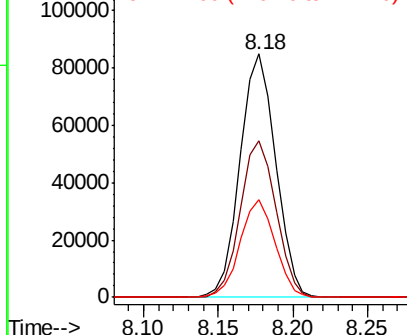
#13
 1,4-Dichlorobenzene
 Concen: 38.504 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB118239BS

Tgt Ion:146 Resp: 140912
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 39.9 32.6 48.8

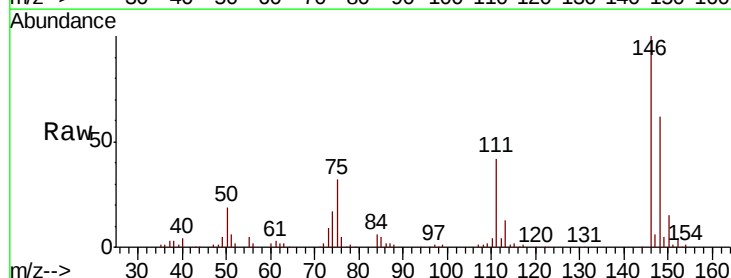


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

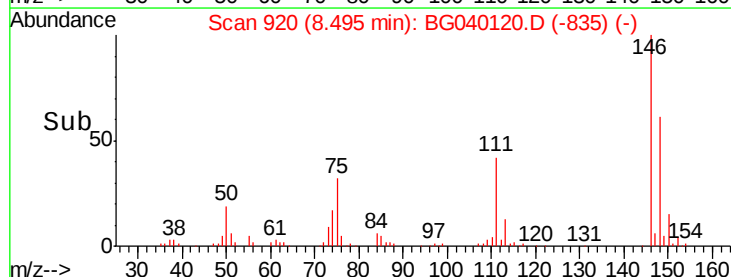
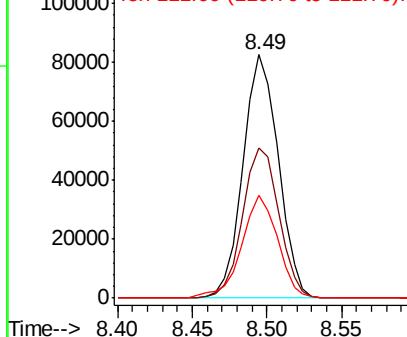


#14
 1,2-Dichlorobenzene
 Concen: 38.265 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Tgt Ion:146 Resp: 135303
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.5 77.3
 111 42.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.106 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

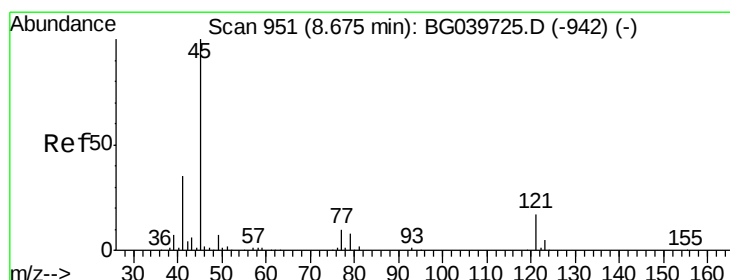
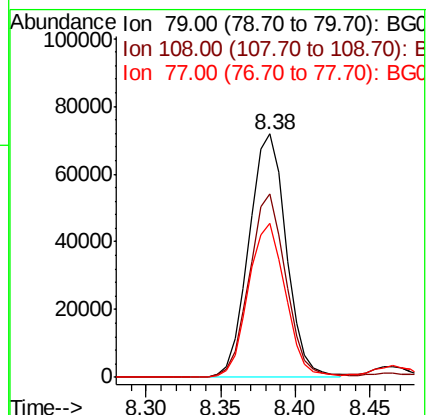
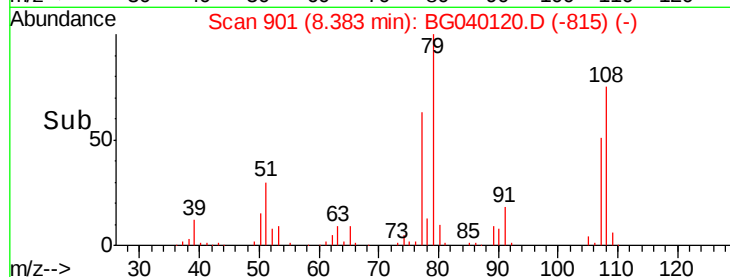
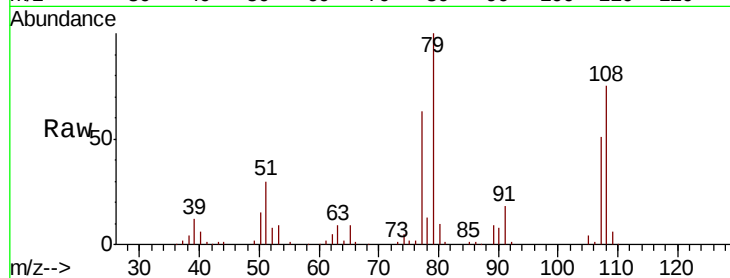
Tgt Ion: 79 Resp: 124215

Ion Ratio Lower Upper

79 100

108 75.1 57.8 86.6

77 63.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.259 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

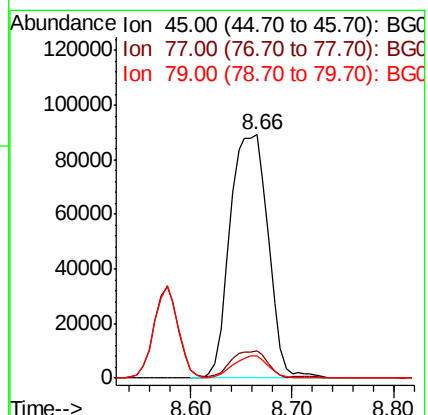
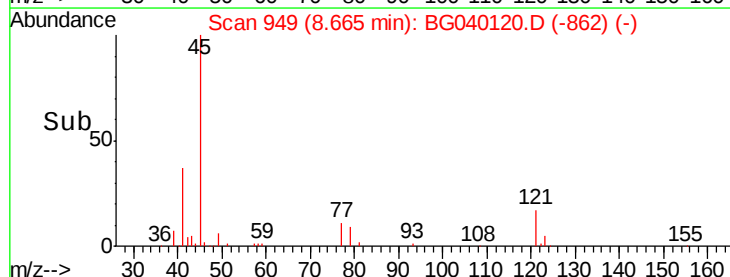
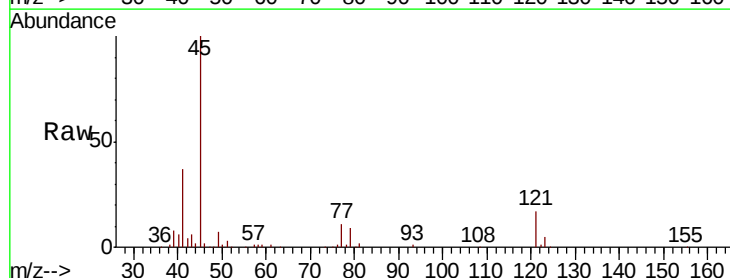
Tgt Ion: 45 Resp: 232557

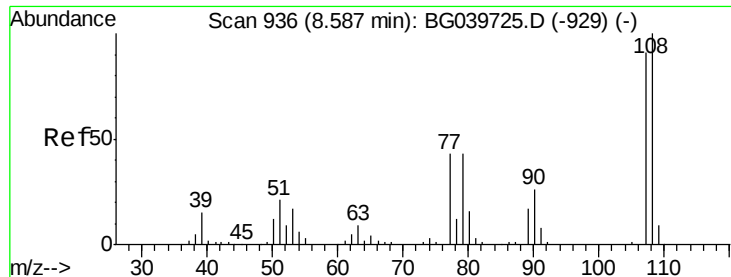
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 9.0 0.0 27.5

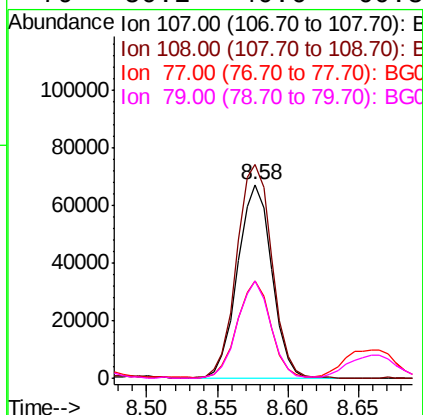
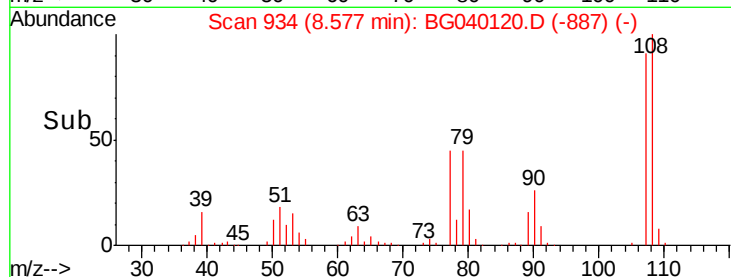
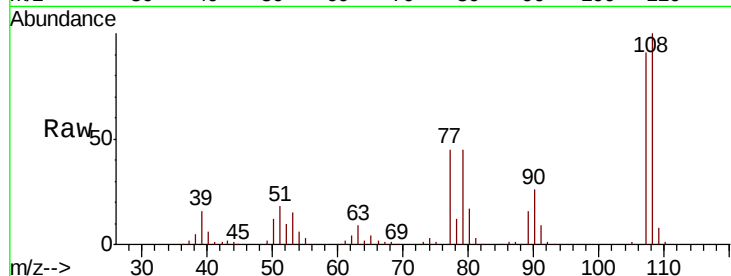




#17
2-Methylphenol
Concen: 42.386 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

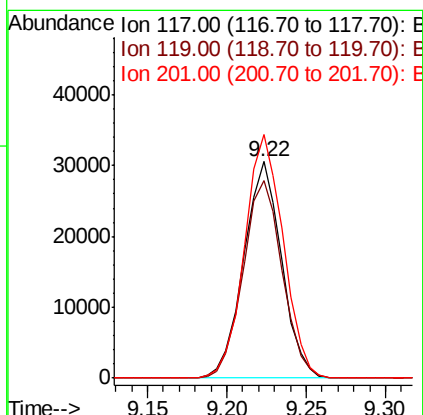
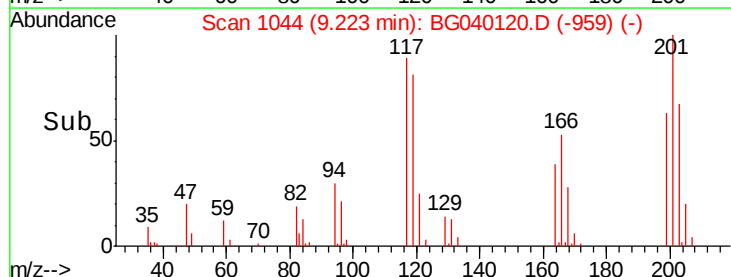
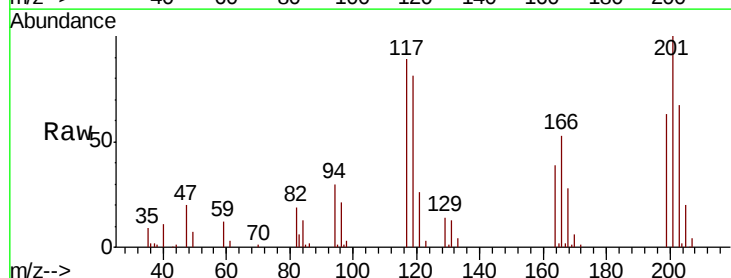
Instrument :
BNA_G
ClientSampleId :
PB118239BS

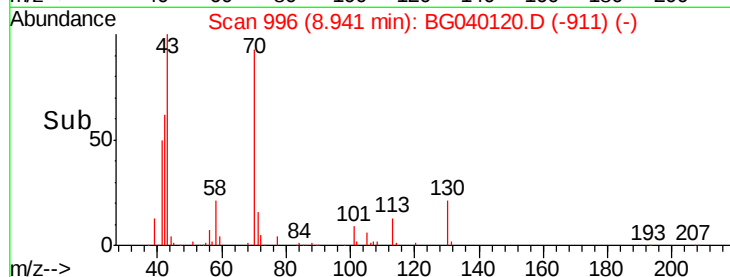
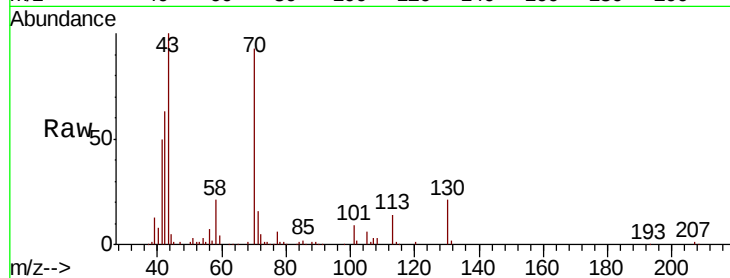
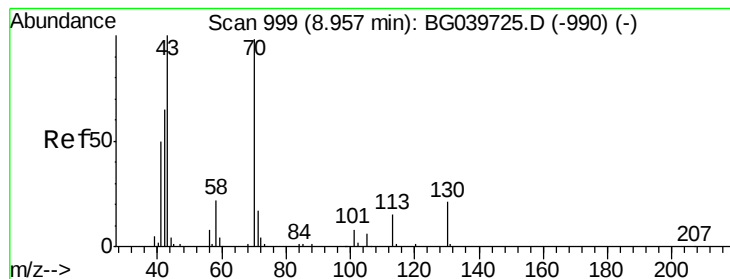
Tgt Ion:107 Resp: 114318
Ion Ratio Lower Upper
107 100
108 110.4 90.8 136.2
77 50.1 40.7 61.1
79 50.2 40.6 60.8



#18
Hexachloroethane
Concen: 38.653 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion:117 Resp: 50757
Ion Ratio Lower Upper
117 100
119 91.6 76.3 114.5
201 112.6 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.456 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

Tgt Ion: 70 Resp: 102454

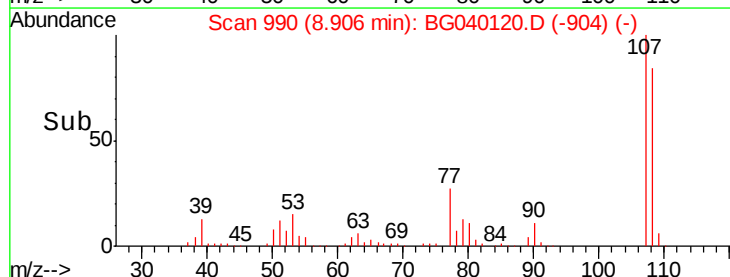
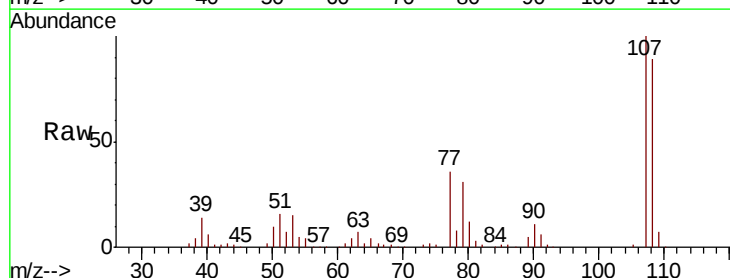
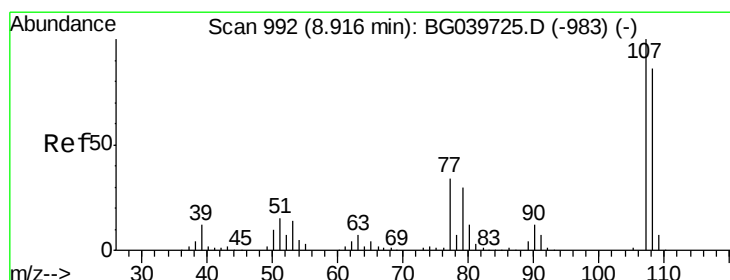
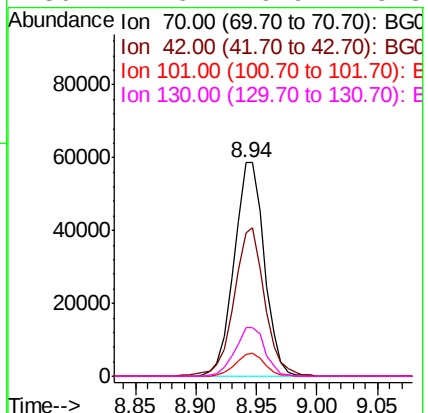
Ion Ratio Lower Upper

70 100

42 67.2 60.4 90.6

101 10.0 7.5 11.3

130 22.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.318 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Tgt Ion: 107 Resp: 158557

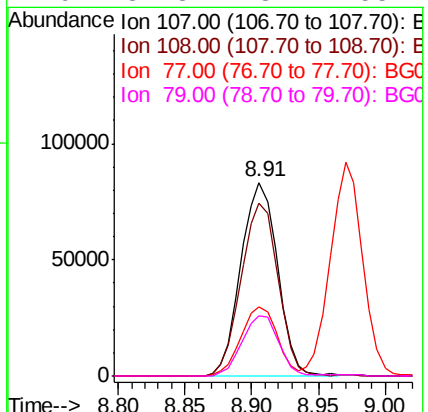
Ion Ratio Lower Upper

107 100

108 89.0 67.9 107.9

77 35.7 15.4 55.4

79 31.3 13.7 53.7

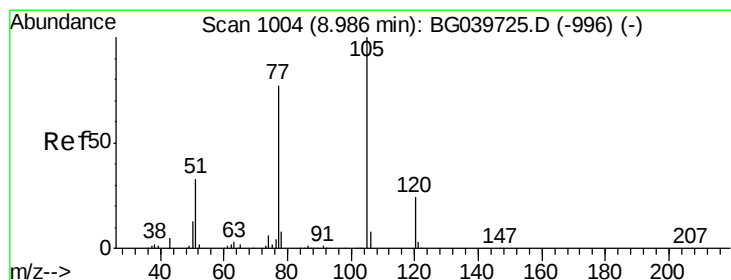
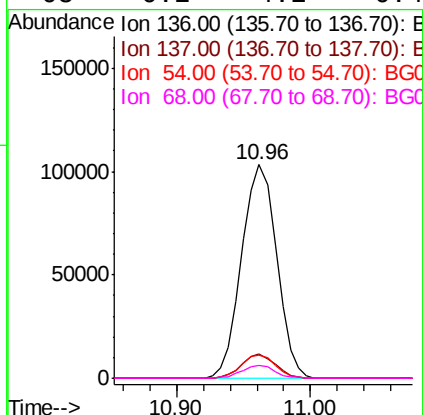
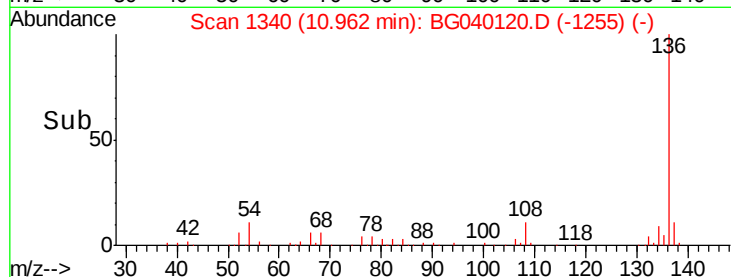
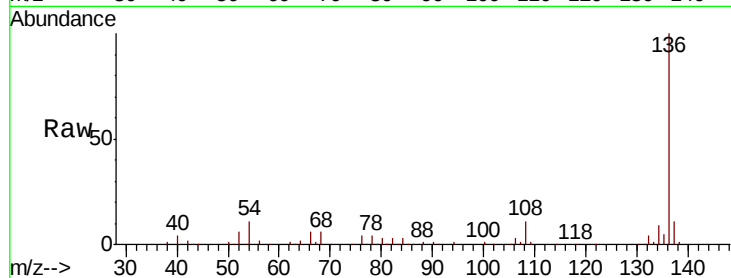




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

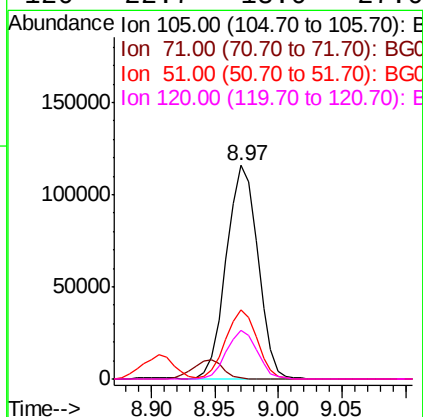
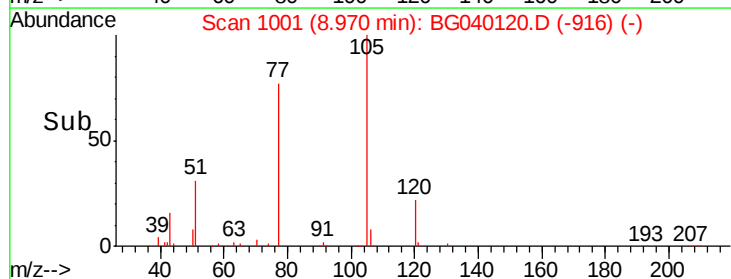
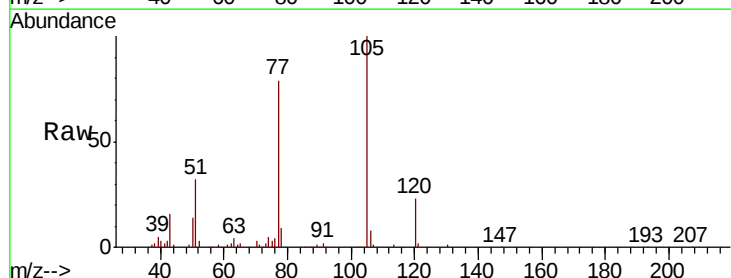
Instrument :
BNA_G
ClientSampleId :
PB118239BS

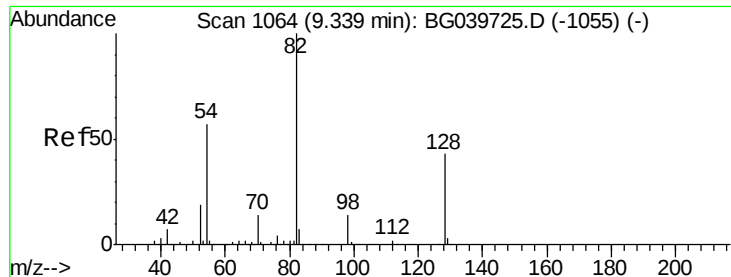
Tgt Ion:	136	Resp:	188118
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.8	9.4	14.2
68	6.2	4.2	6.4



#22
Acetophenone
Concen: 39.662 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion:	105	Resp:	200255
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	32.4	30.2	45.2
120	22.7	18.0	27.0

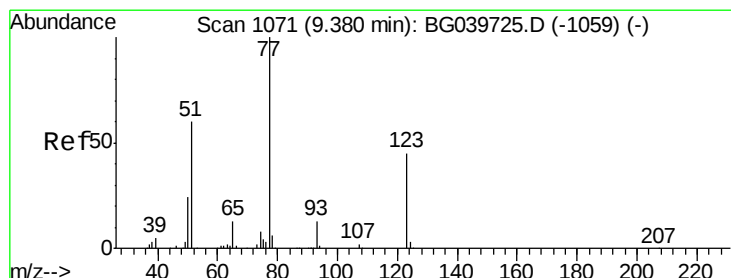
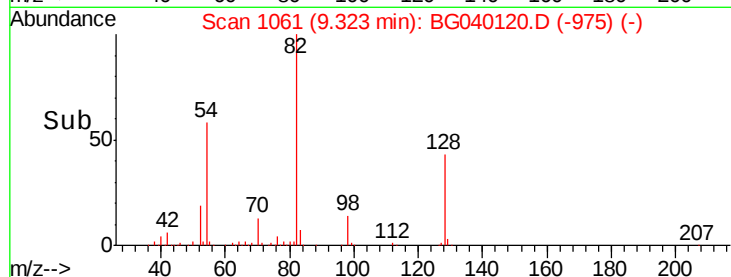
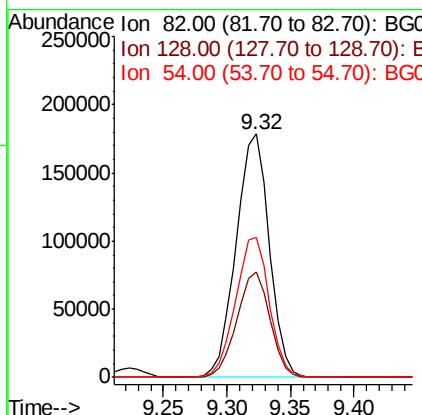
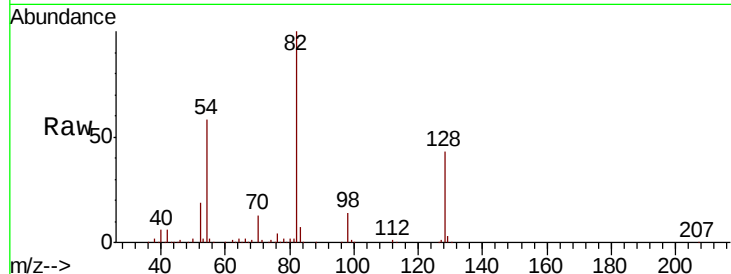




#23
 Nitrobenzene-d5
 Concen: 93.184 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

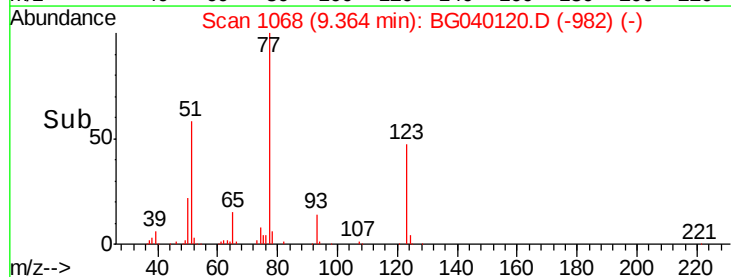
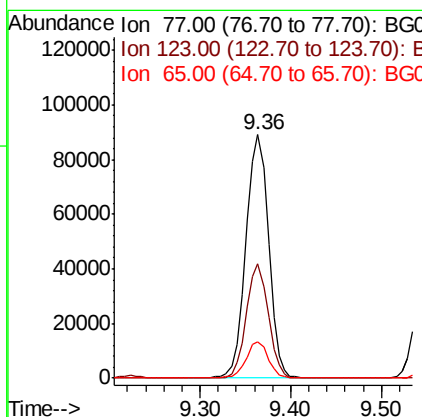
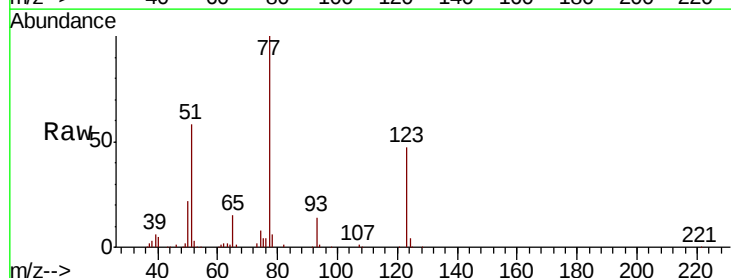
Instrument :
 BNA_G
 ClientSampleId :
 PB118239BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	57.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 42.404 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	34.1	51.1
65	14.8	12.3	18.5

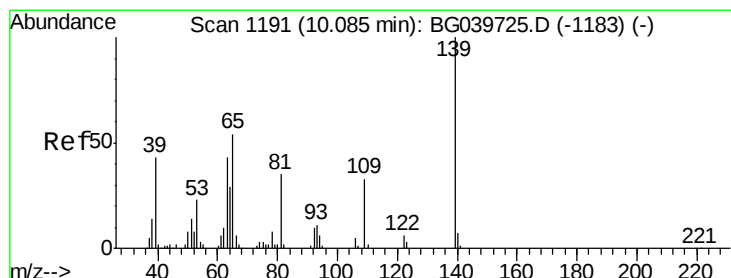
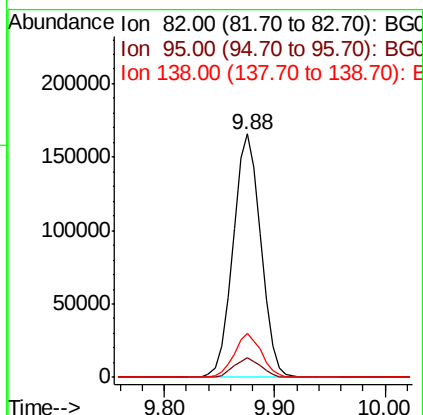
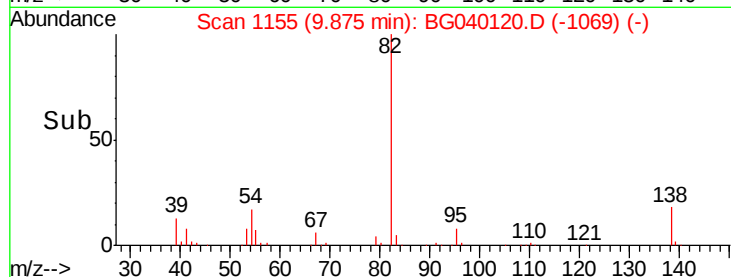
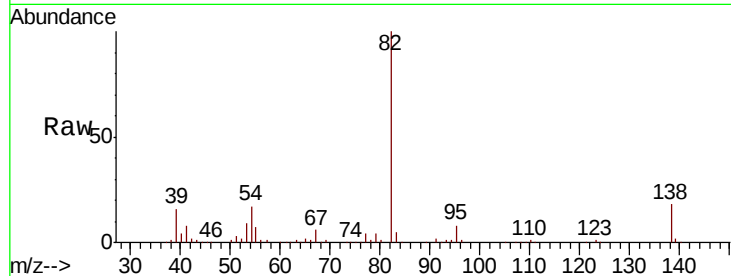




#25
Isophorone
Concen: 39.999 ng
RT: 9.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

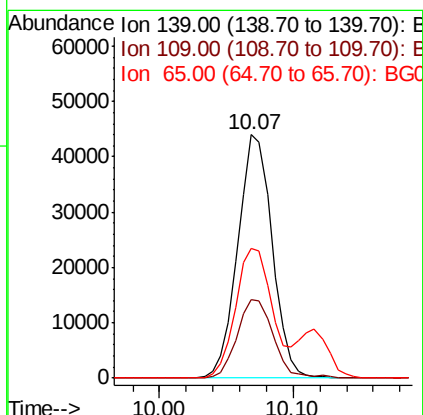
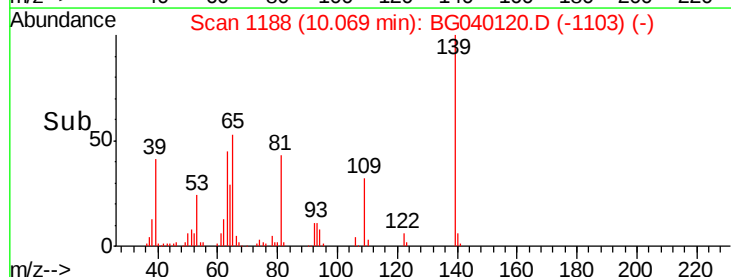
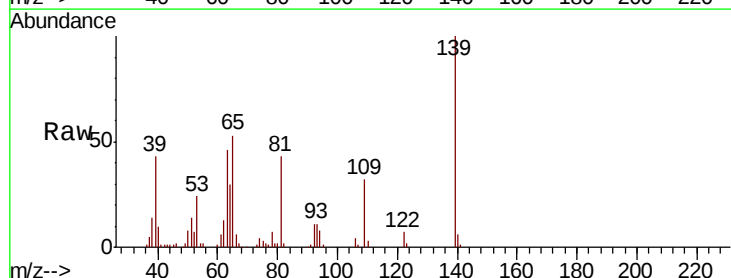
Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion: 82 Resp: 291513
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 18.1 13.0 19.4



#26
2-Nitrophenol
Concen: 44.466 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion: 139 Resp: 78340
Ion Ratio Lower Upper
139 100
109 32.0 23.4 35.0
65 53.2 44.3 66.5

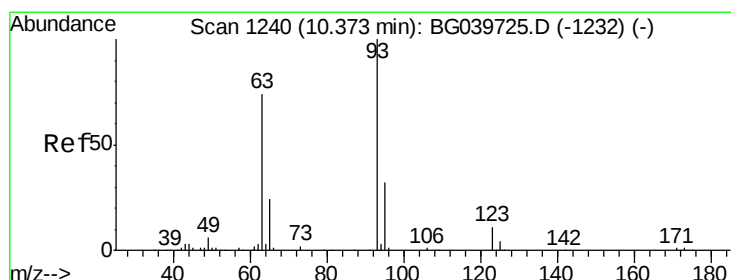
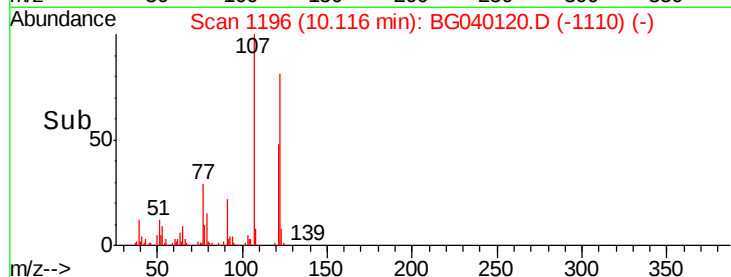
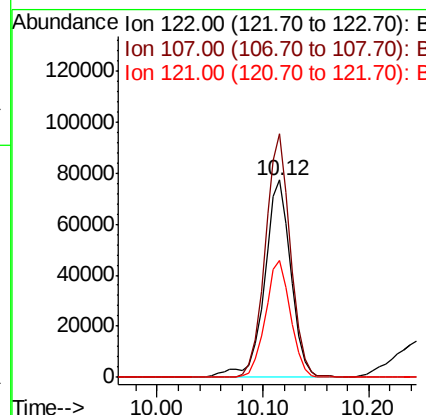
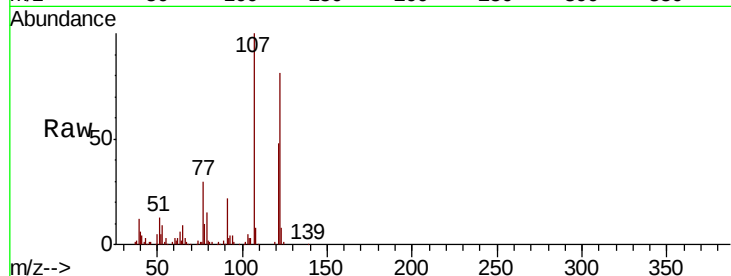




#27
2,4-Dimethylphenol
Concen: 48.943 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

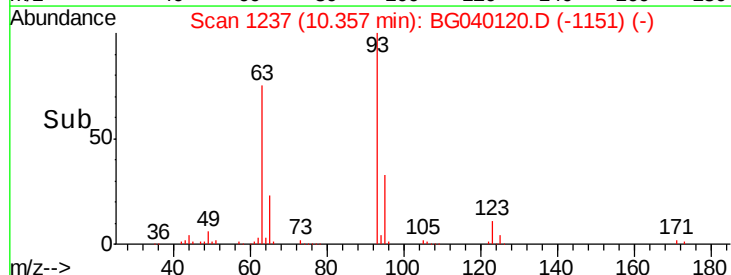
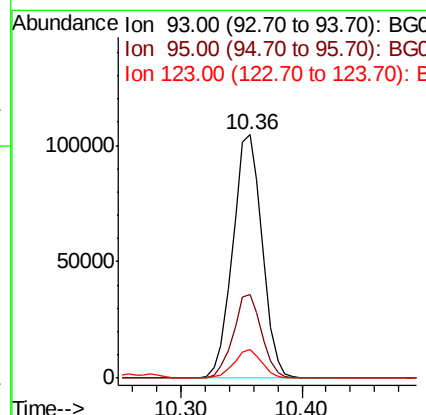
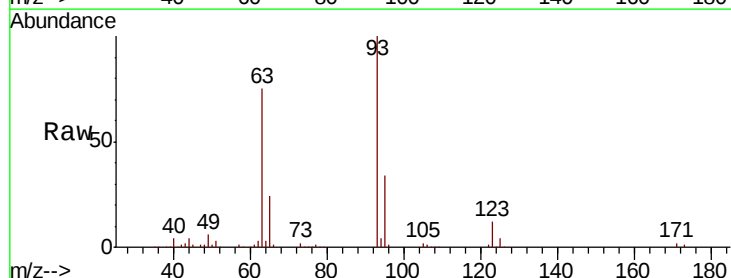
Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.5	91.7	137.5
121	59.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.914 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.0	37.4
123	11.6	8.6	12.8

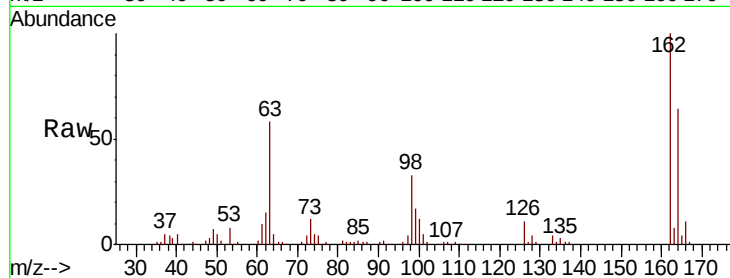




#29
2,4-Dichlorophenol
Concen: 47.638 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	48.1	88.1
98	33.3	18.1	58.1

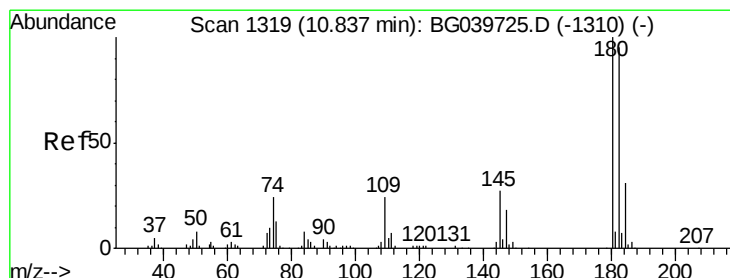
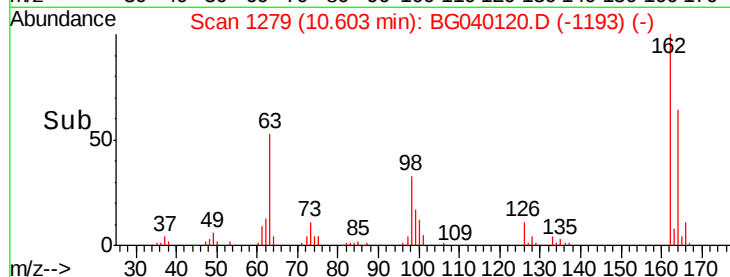
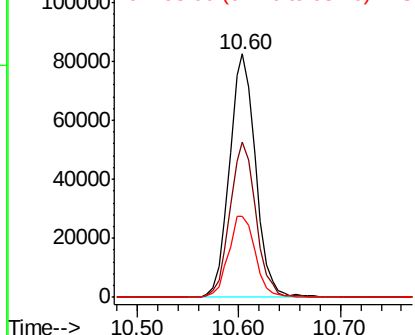


Abundance

Ion 162.00 (161.70 to 162.70): E

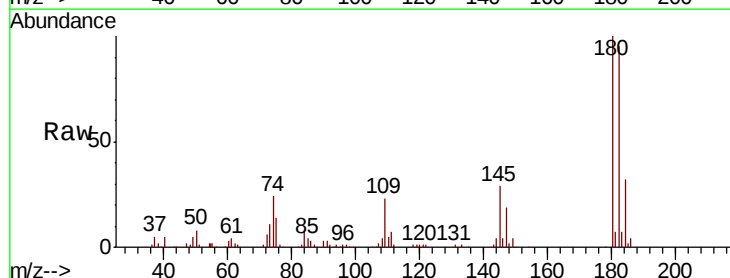
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 42.632 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	29.0	22.7	34.1

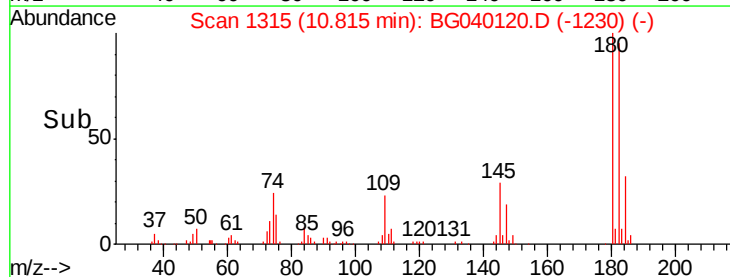
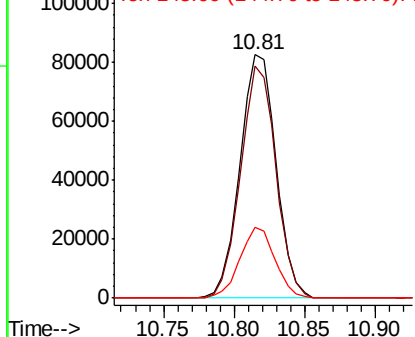


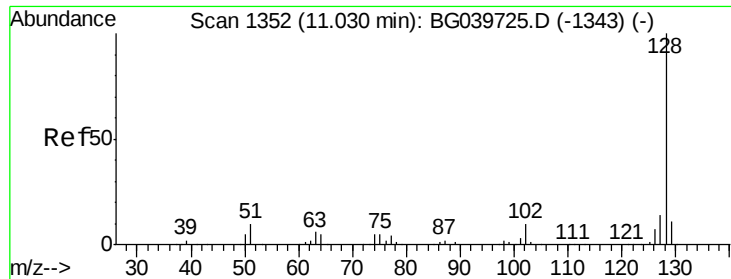
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

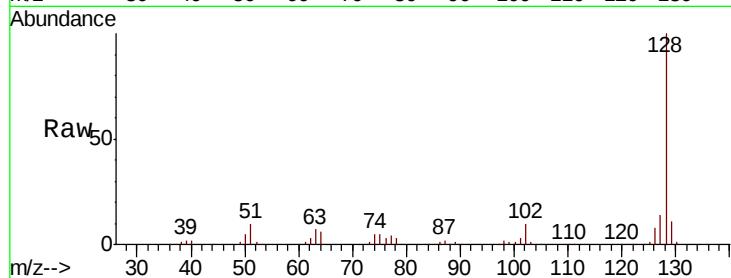




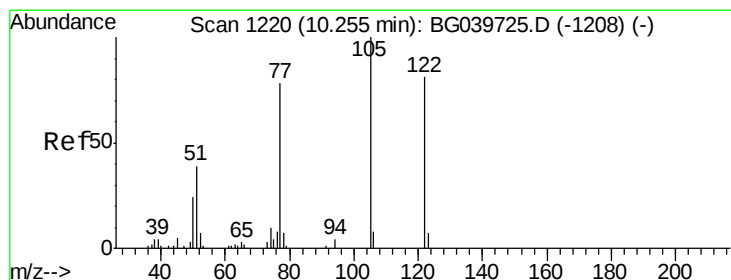
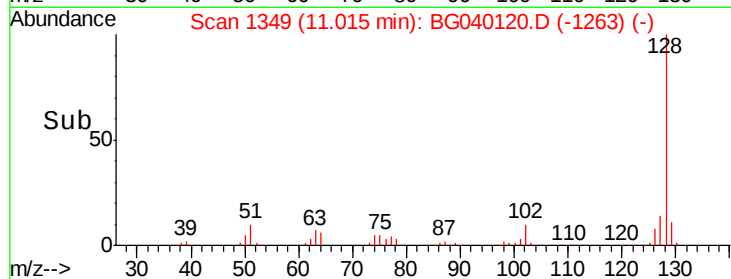
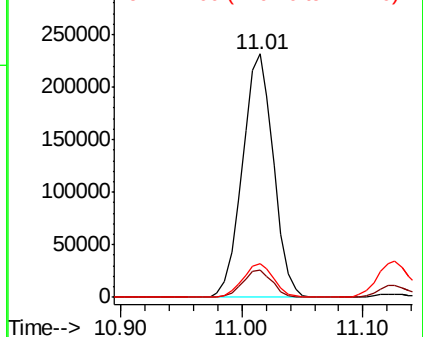
#31
Naphthalene
Concen: 41.419 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion:128 Resp: 412537
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.9 10.8 16.2

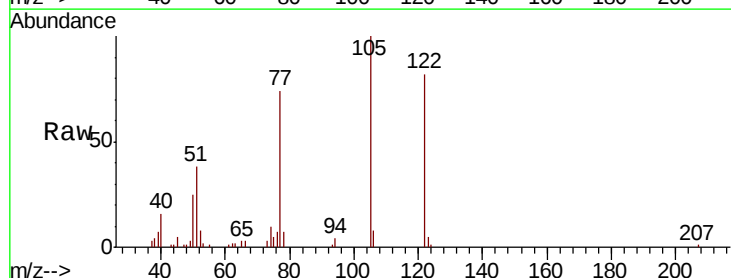


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

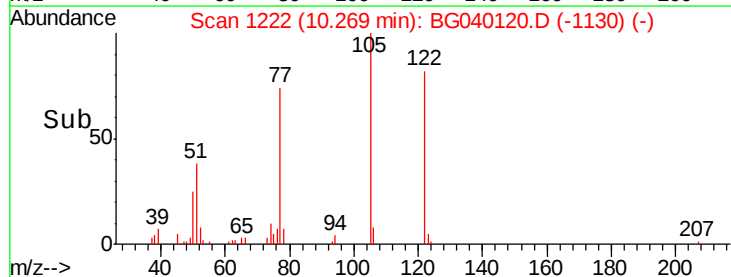
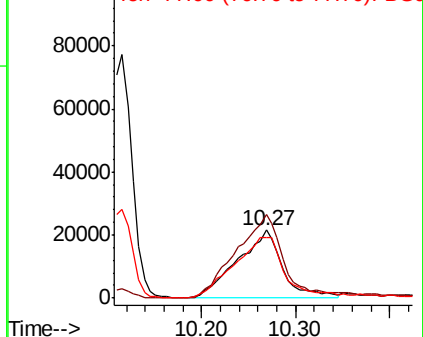


#32
Benzoic acid
Concen: 39.042 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion:122 Resp: 70765
Ion Ratio Lower Upper
122 100
105 122.0 101.8 141.8
77 89.7 76.3 116.3



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

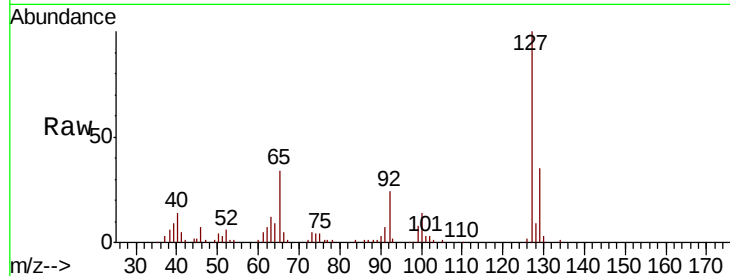




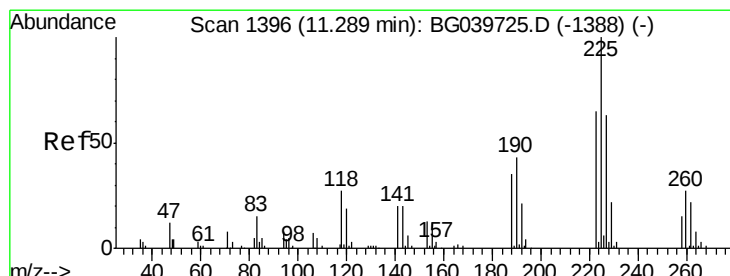
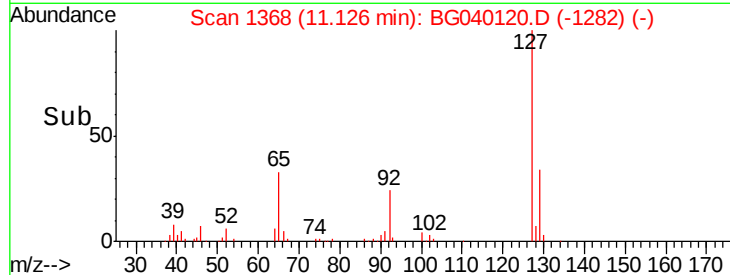
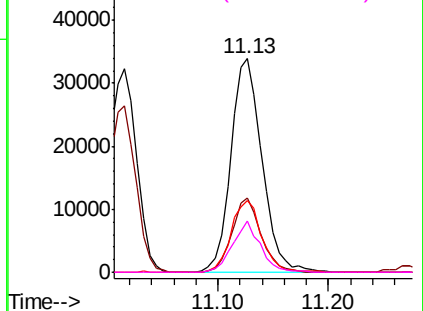
#33
4-Chloroaniline
Concen: 15.860 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion:	127	Resp:	66984
Ion	Ratio	Lower	Upper
127	100		
129	34.7	27.0	40.4
65	33.9	28.8	43.2
92	23.9	16.6	25.0

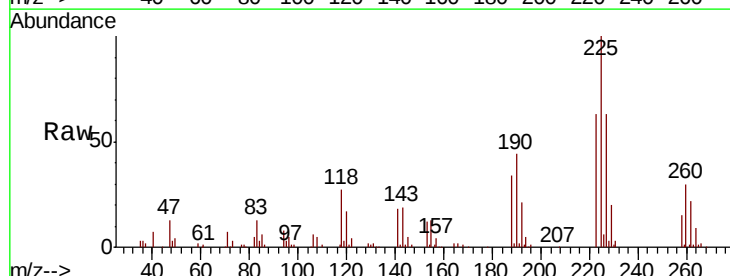


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

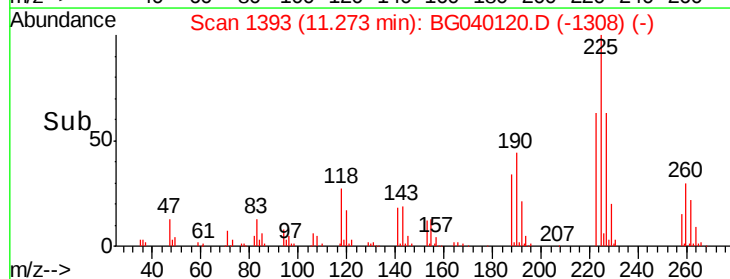
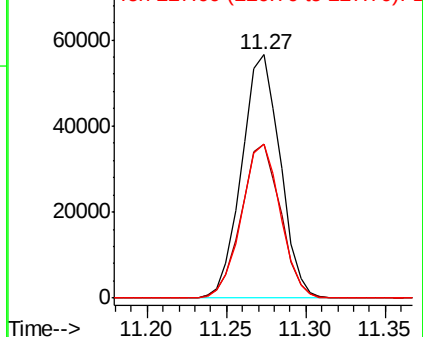


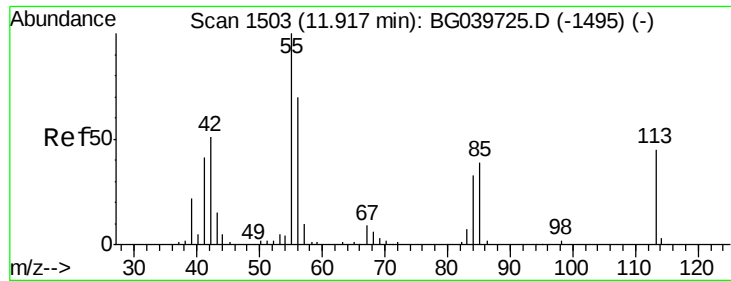
#34
Hexachlorobutadiene
Concen: 40.245 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion:	225	Resp:	95467
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.0	73.6
227	63.1	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

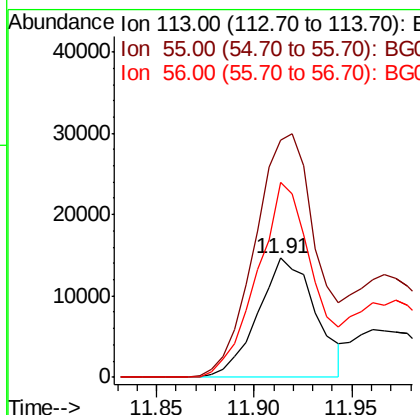
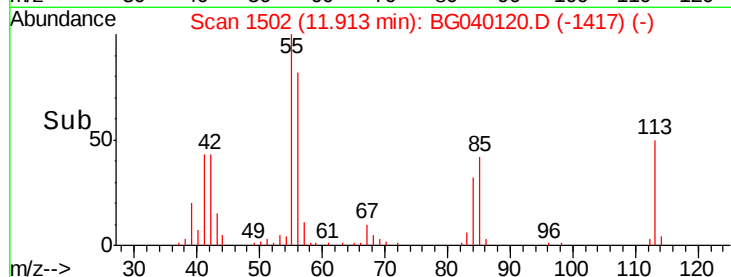
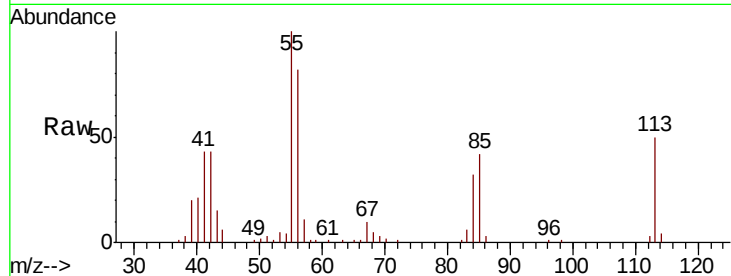




#35
 Caprolactam
 Concen: 25.369 ng
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

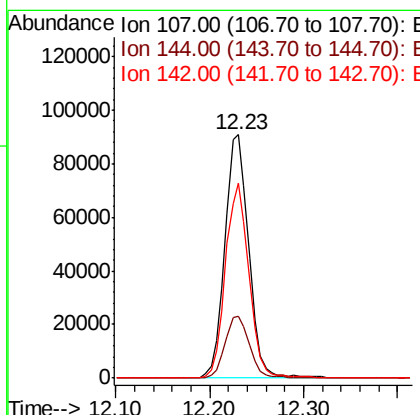
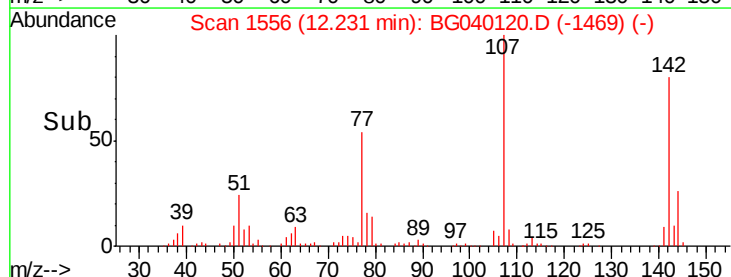
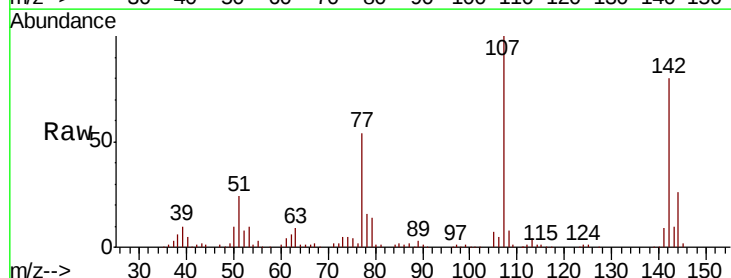
Instrument :
 BNA_G
 ClientSampleId :
 PB118239BS

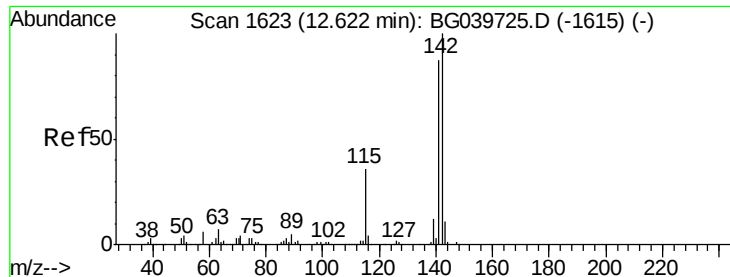
Tgt Ion:113 Resp: 29896
 Ion Ratio Lower Upper
 113 100
 55 199.8 216.9 256.9#
 56 163.5 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.320 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Tgt Ion:107 Resp: 160268
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 80.1 61.4 92.2

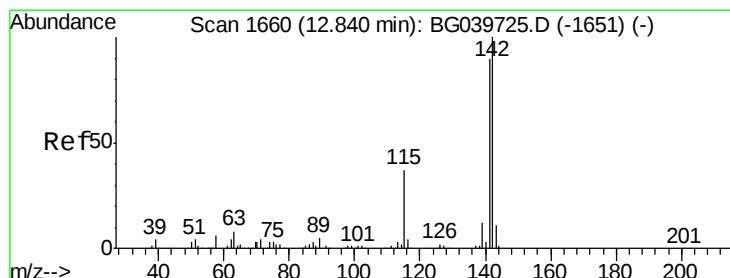
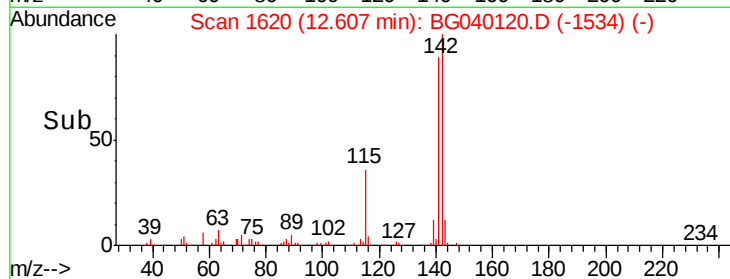
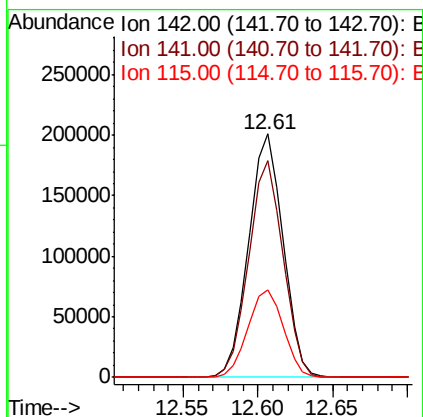
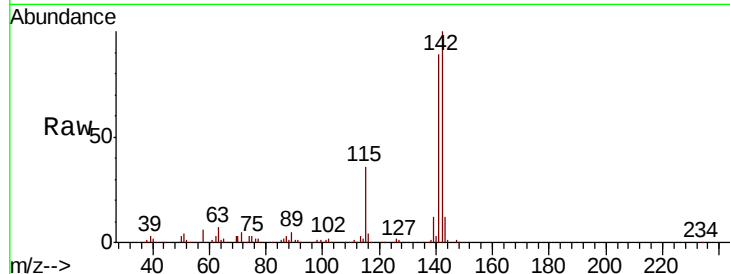




#37
 2-Methylnaphthalene
 Concen: 42.982 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

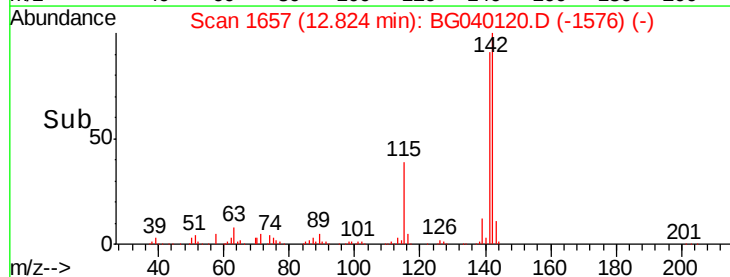
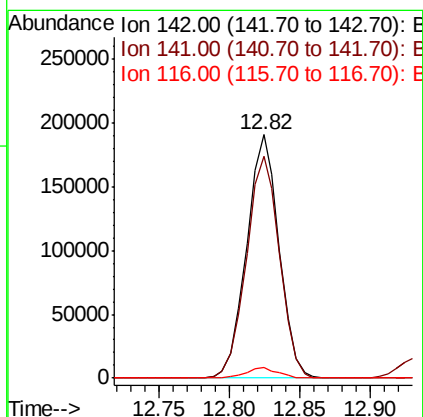
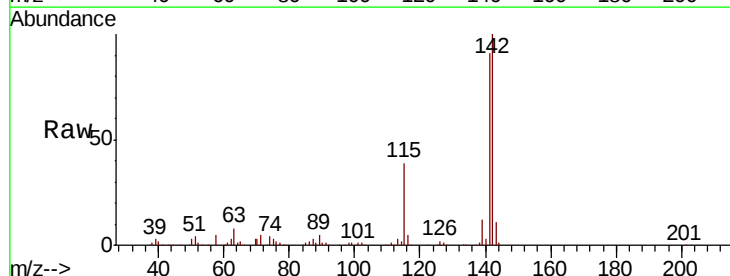
Instrument :
 BNA_G
 ClientSampleId :
 PB118239BS

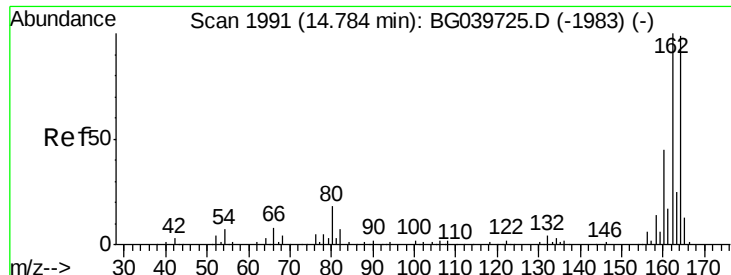
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.5	110.3
115	36.2	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 42.255 ng
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.2	111.4
116	4.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

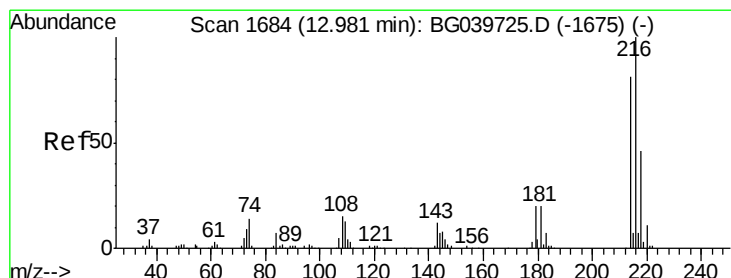
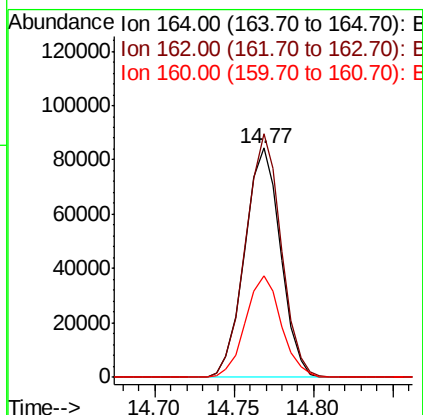
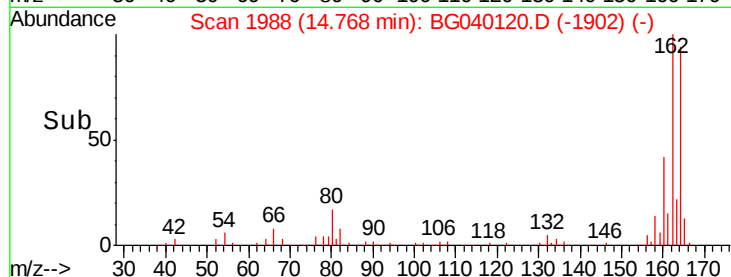
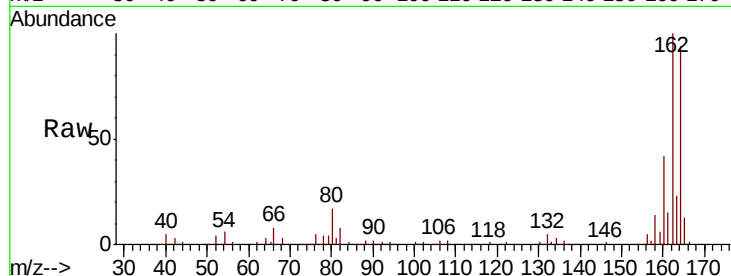
Tgt Ion:164 Resp: 132788

Ion Ratio Lower Upper

164 100

162 106.1 81.6 122.4

160 44.4 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.406 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Tgt Ion:216 Resp: 181767

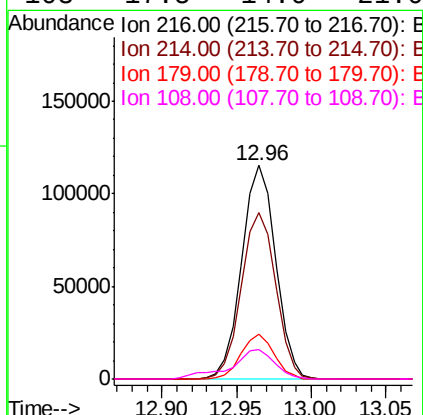
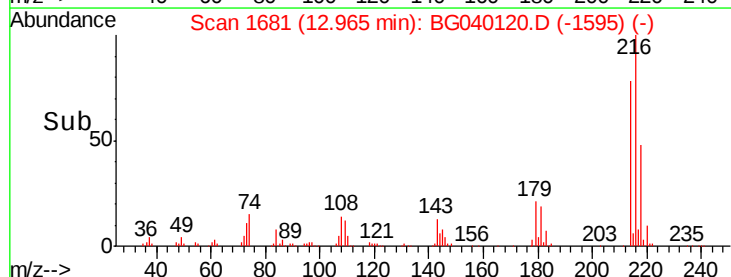
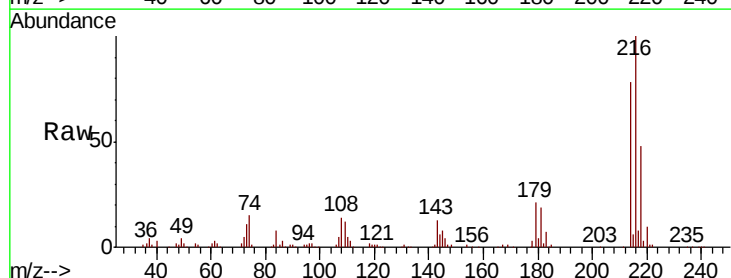
Ion Ratio Lower Upper

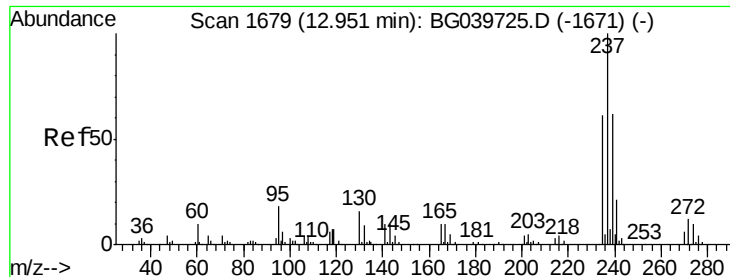
216 100

214 78.7 62.6 94.0

179 20.3 16.6 25.0

108 17.5 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 93.158 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

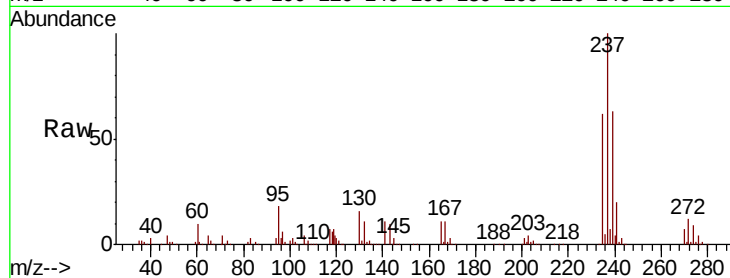
Tgt Ion: 237 Resp: 224583

Ion Ratio Lower Upper

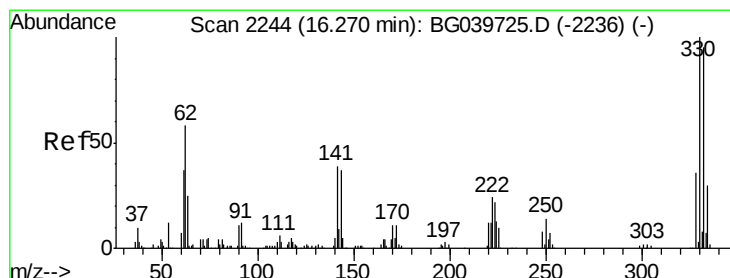
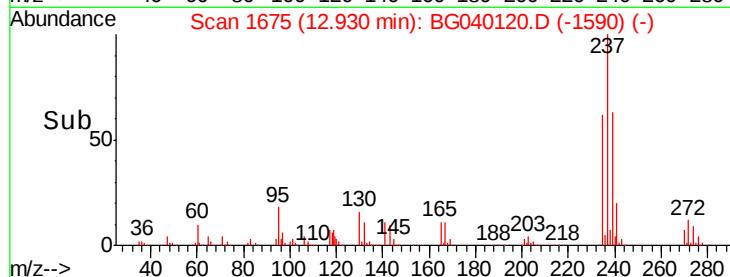
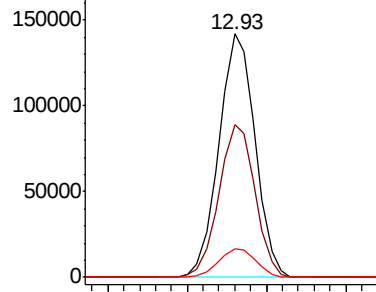
237 100

235 62.5 43.3 83.3

272 11.5 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: 152.326 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

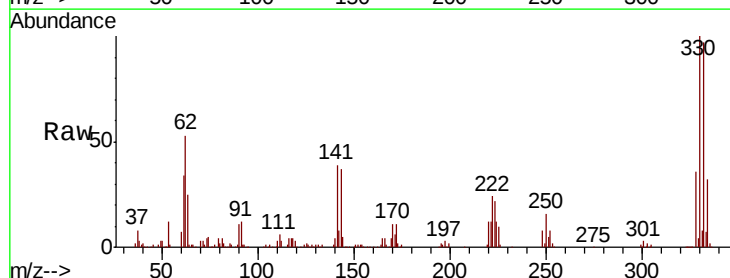
Tgt Ion: 330 Resp: 235761

Ion Ratio Lower Upper

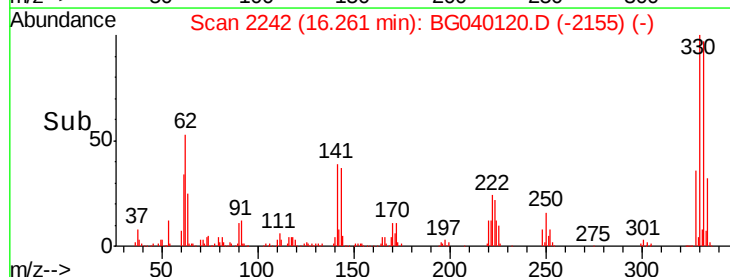
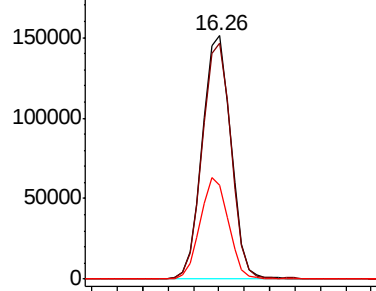
330 100

332 97.5 75.7 113.5

141 41.0 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

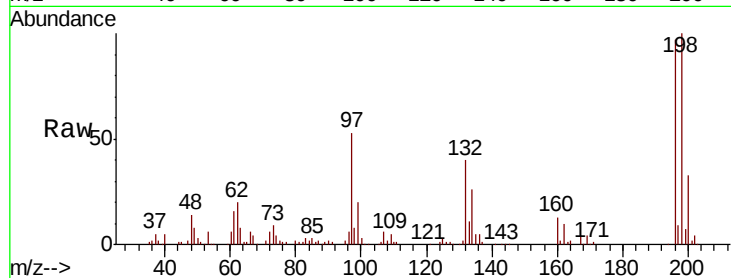




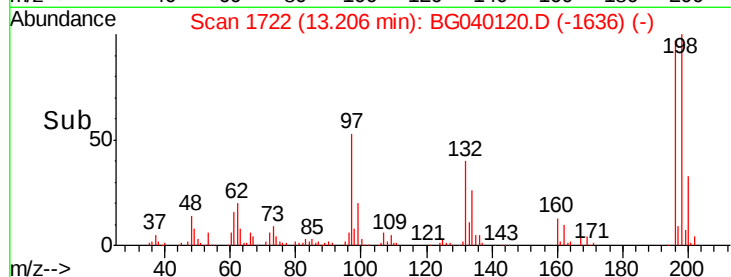
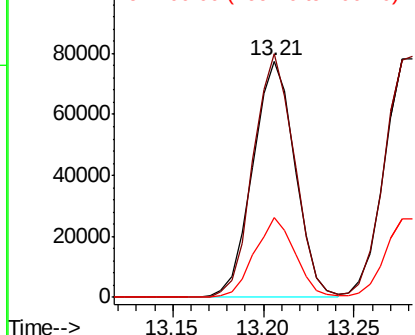
#43
 2,4,6-Trichlorophenol
 Concen: 47.562 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleID :
 PB118239BS

Tgt Ion:196 Resp: 125262
 Ion Ratio Lower Upper
 196 100
 198 103.0 80.6 121.0
 200 33.6 26.1 39.1



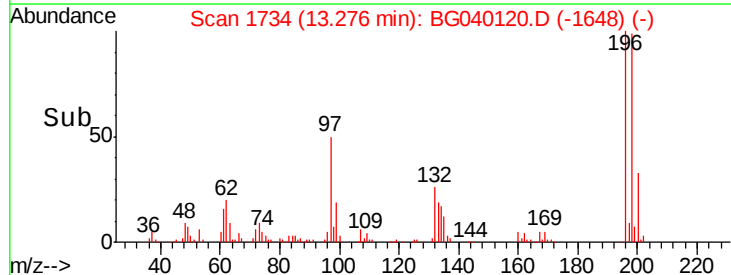
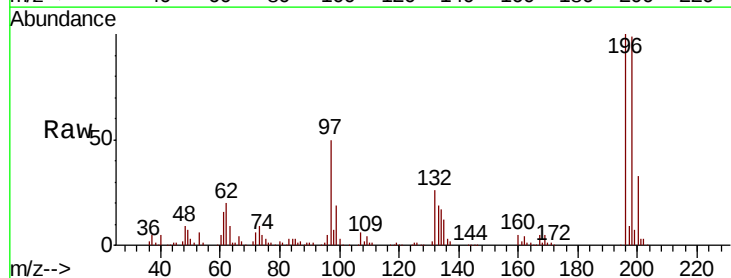
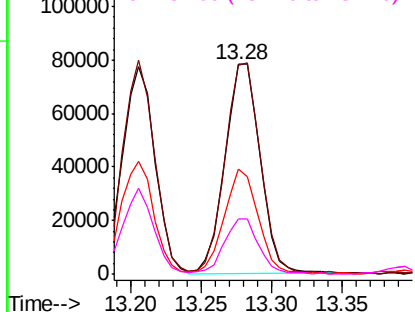
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

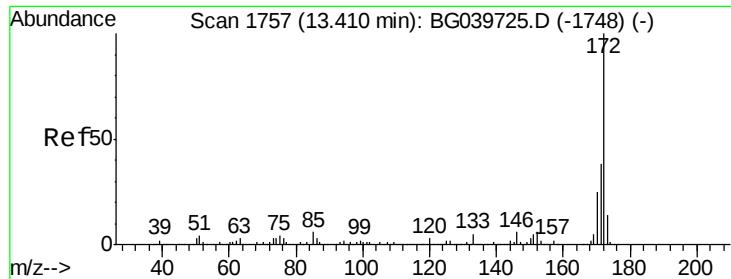


#44
 2,4,5-Trichlorophenol
 Concen: 45.424 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Tgt Ion:196 Resp: 134847
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.5 117.7
 97 50.0 38.4 57.6
 132 26.3 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

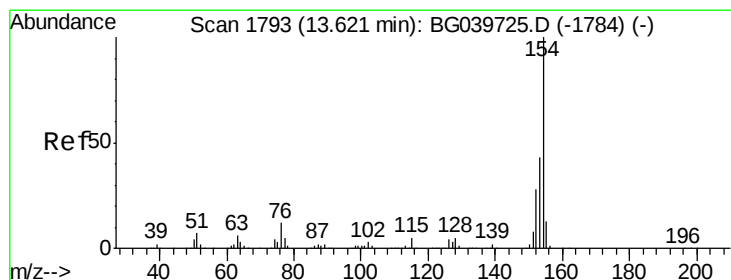
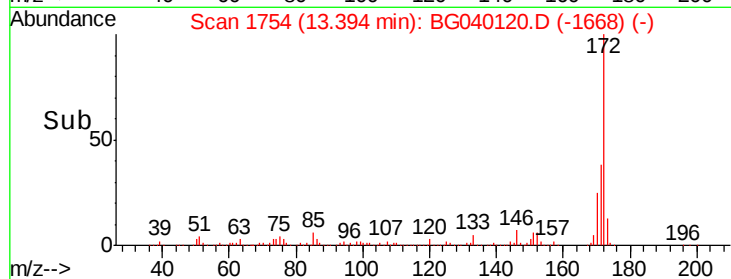
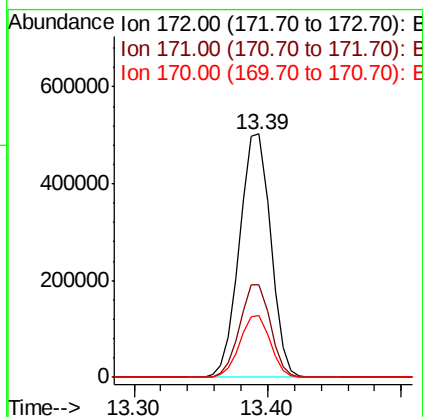
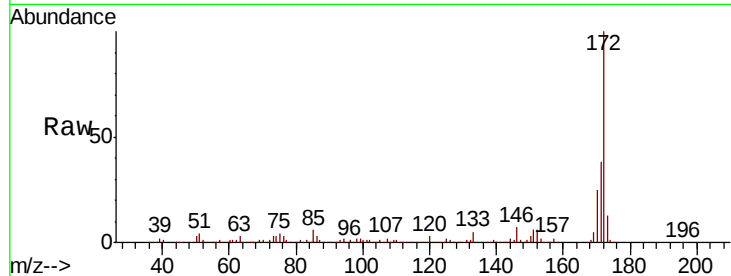




#45
 2-Fluorobiphenyl
 Concen: 87.234 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

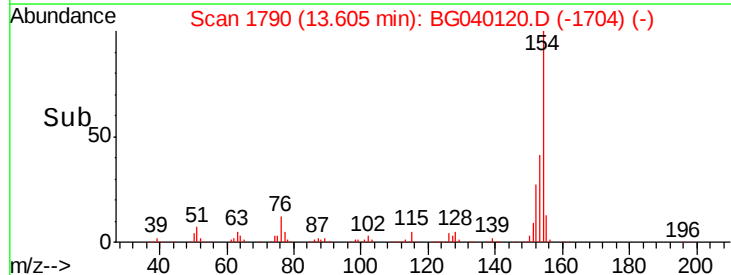
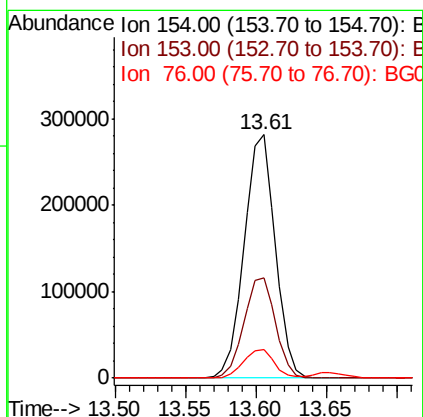
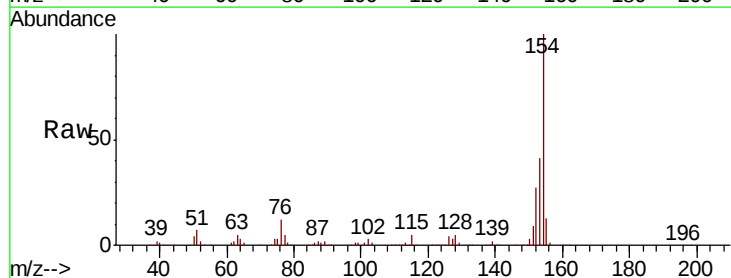
Instrument :
 BNA_G
 ClientSampleId :
 PB118239BS

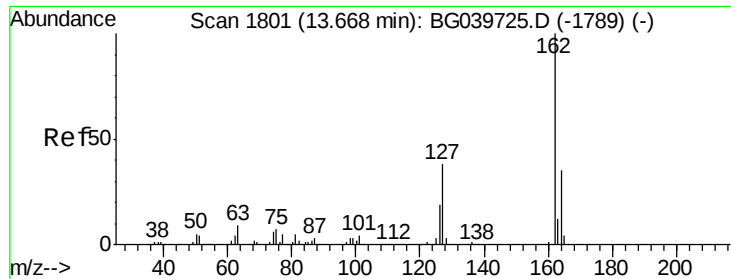
Tgt Ion:172 Resp: 813556
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 25.2 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 39.663 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Tgt Ion:154 Resp: 433181
 Ion Ratio Lower Upper
 154 100
 153 41.2 22.1 62.1
 76 11.8 0.0 32.4

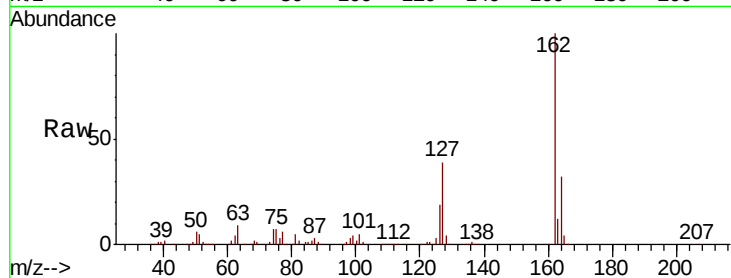




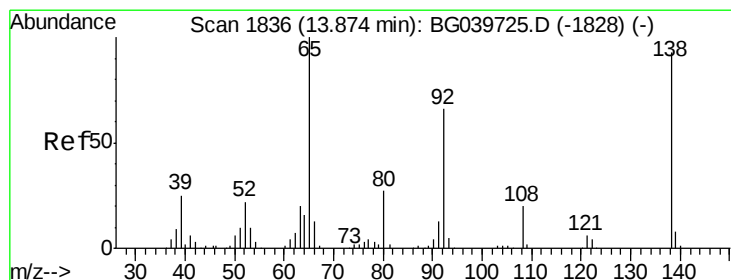
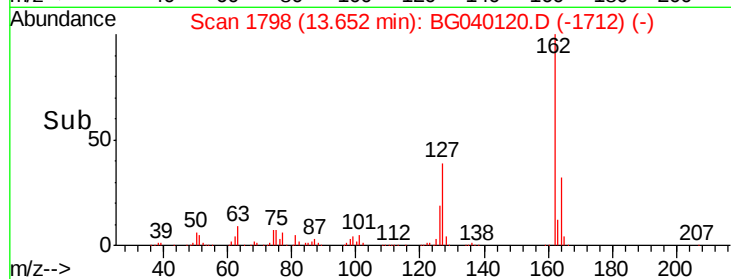
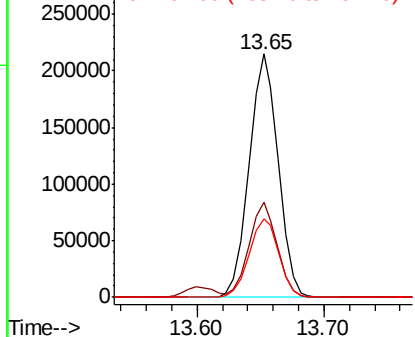
#47
2-Chloronaphthalene
Concen: 41.523 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion: 162 Resp: 341168
Ion Ratio Lower Upper
162 100
127 38.9 31.0 46.6
164 32.5 25.7 38.5

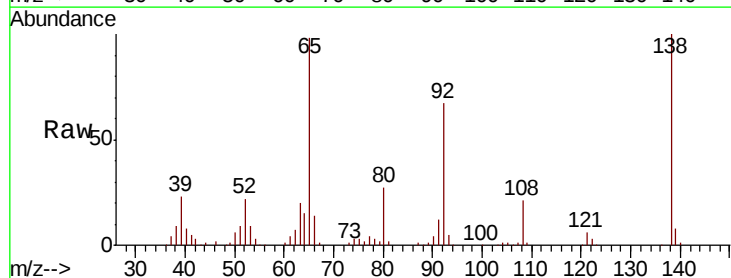


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

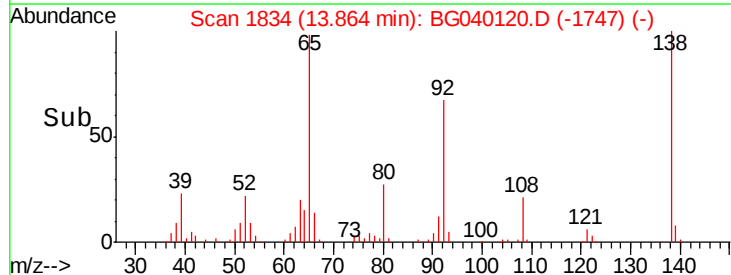
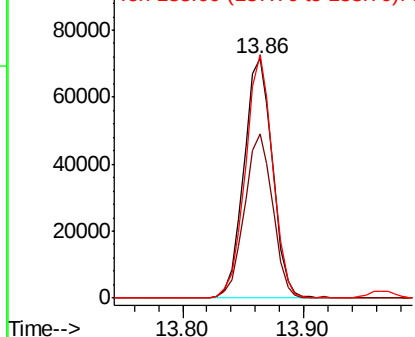


#48
2-Nitroaniline
Concen: 44.774 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion: 65 Resp: 118223
Ion Ratio Lower Upper
65 100
92 68.4 51.4 77.2
138 101.7 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: 40.911 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

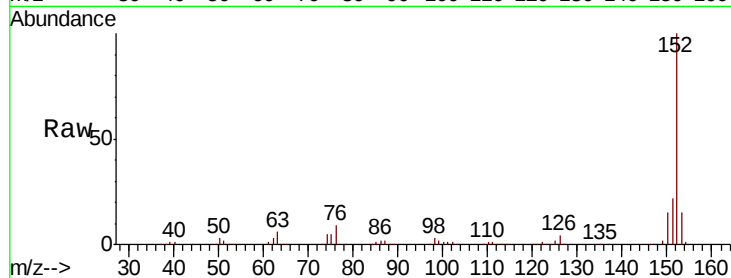
Tgt Ion:152 Resp: 551805

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

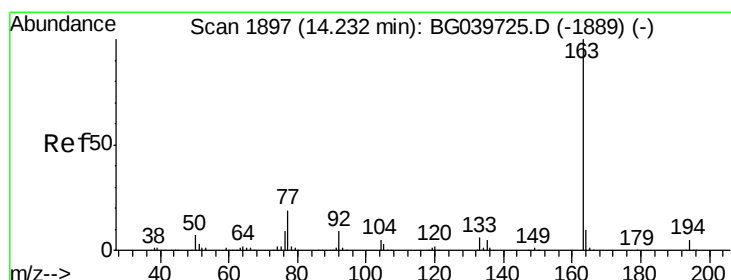
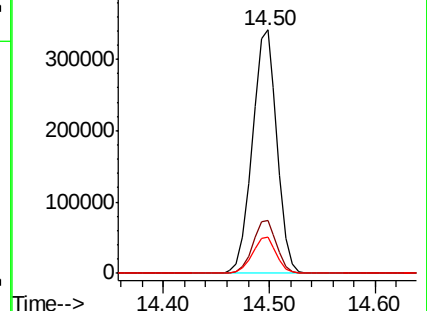
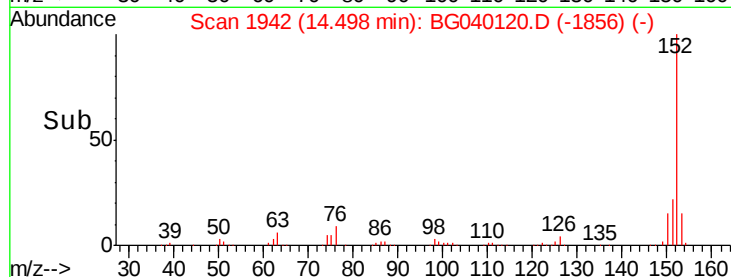
153 14.7 11.7 17.5



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: 42.476 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

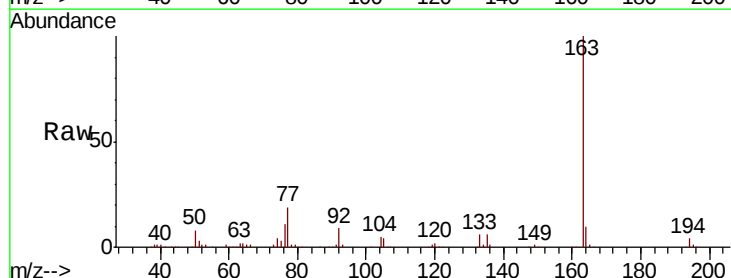
Tgt Ion:163 Resp: 471632

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

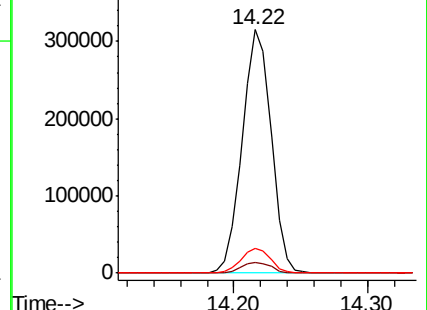
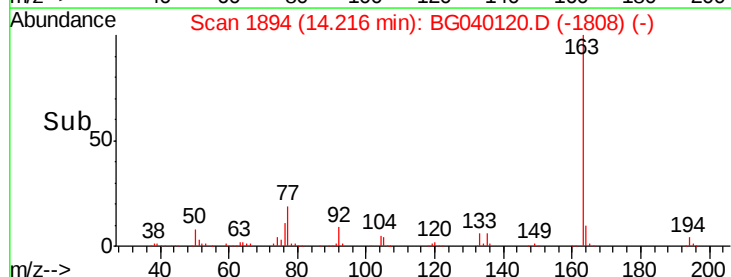
164 10.4 8.4 12.6



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

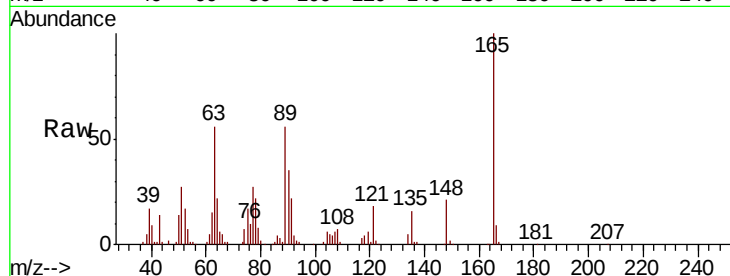




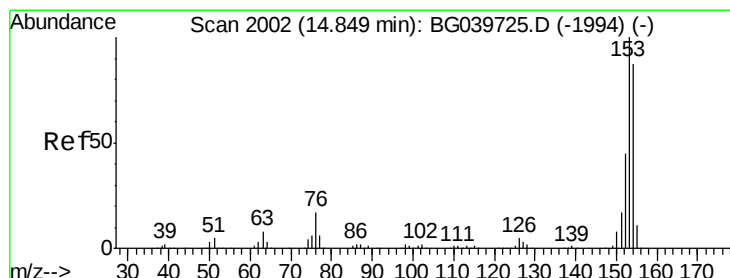
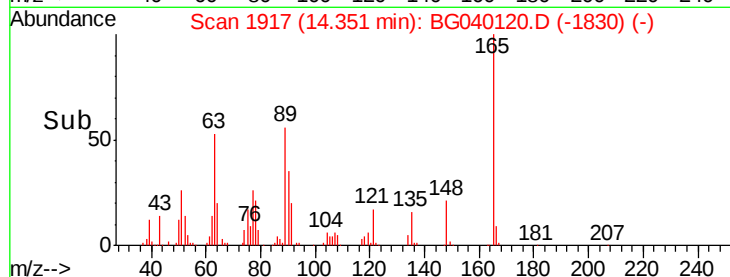
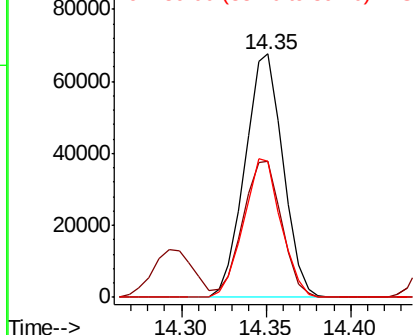
#51
2,6-Dinitrotoluene
Concen: 44.981 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion:165 Resp: 105882
Ion Ratio Lower Upper
165 100
63 55.7 47.0 70.6
89 56.0 45.8 68.8

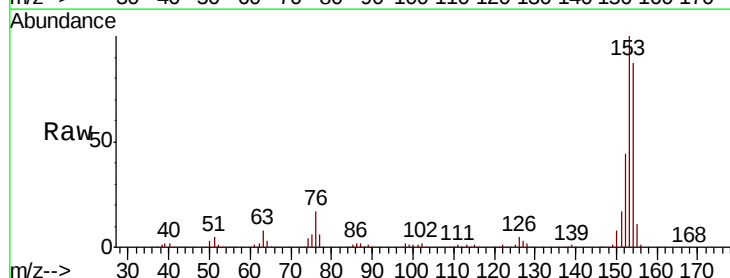


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

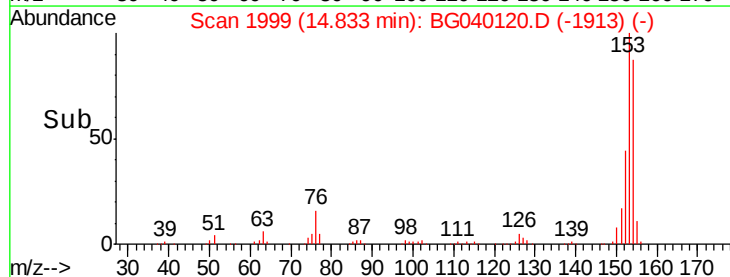
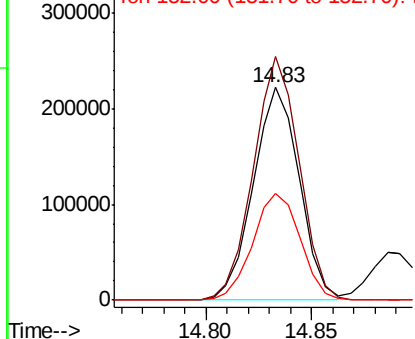


#52
Acenaphthene
Concen: 41.392 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion:154 Resp: 336017
Ion Ratio Lower Upper
154 100
153 114.7 90.1 135.1
152 50.4 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.350 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

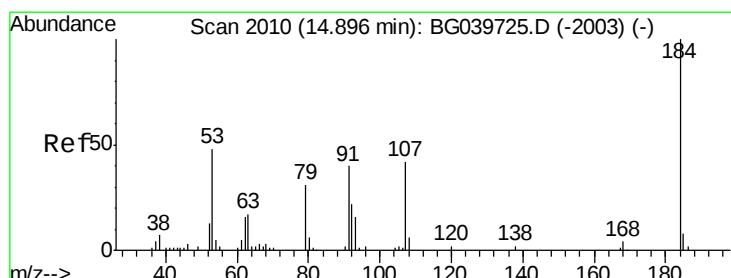
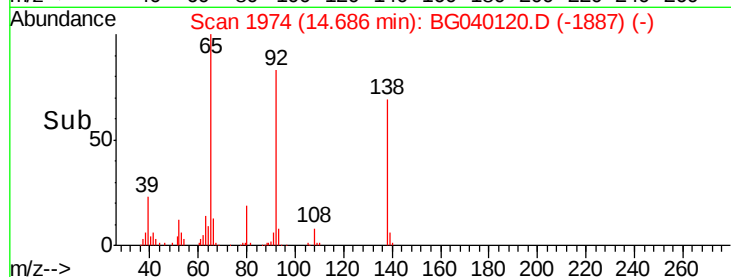
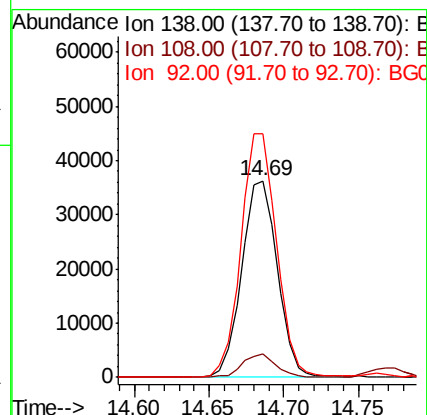
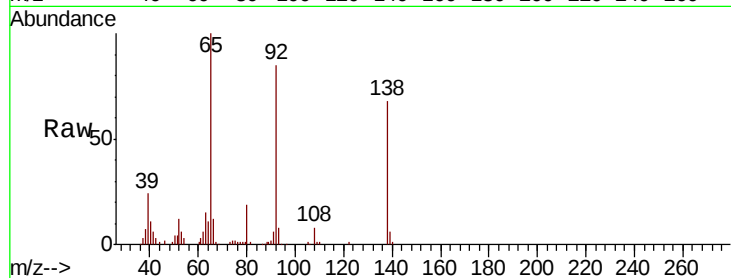
Tgt Ion:138 Resp: 59983

Ion Ratio Lower Upper

138 100

108 12.0 13.8 20.8#

92 124.1 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 81.856 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

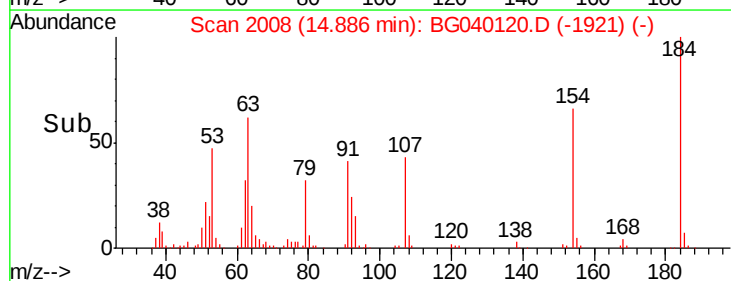
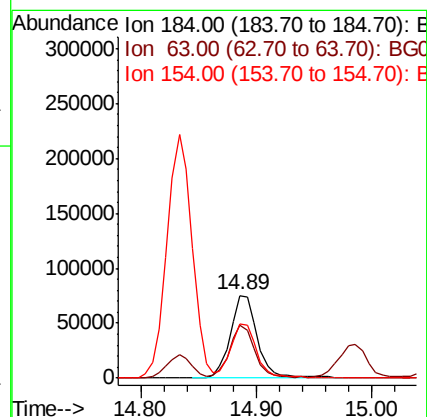
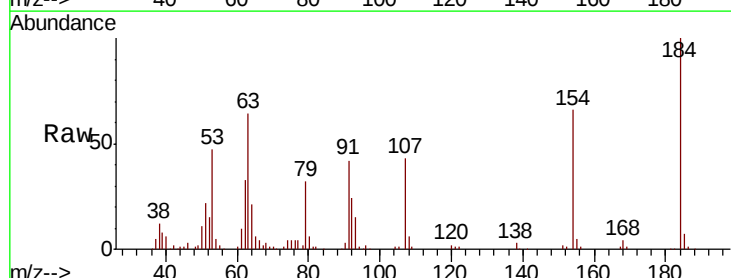
Tgt Ion:184 Resp: 121706

Ion Ratio Lower Upper

184 100

63 63.7 50.9 76.3

154 66.0 53.0 79.6





#55

Dibenzenofuran

Concen: 42.366 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

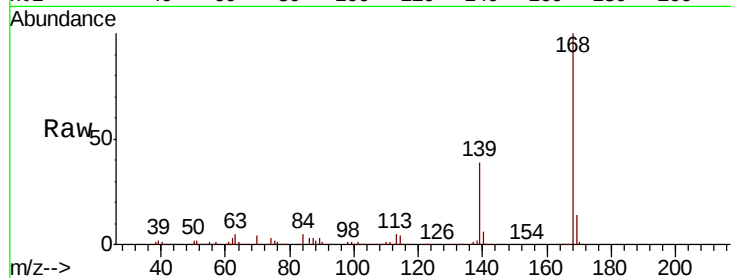
Tgt Ion:168 Resp: 564278

Ion Ratio Lower Upper

168 100

139 38.7 30.1 45.1

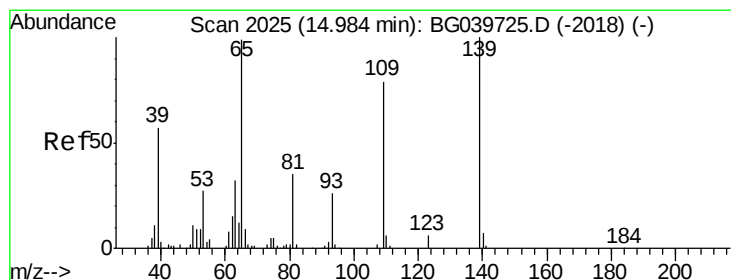
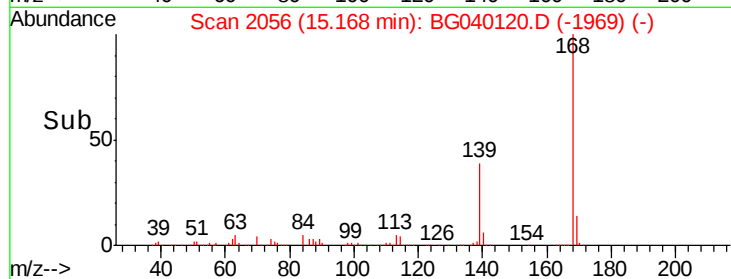
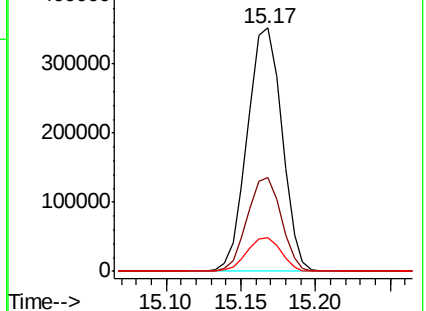
169 13.8 10.6 16.0



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: 82.949 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

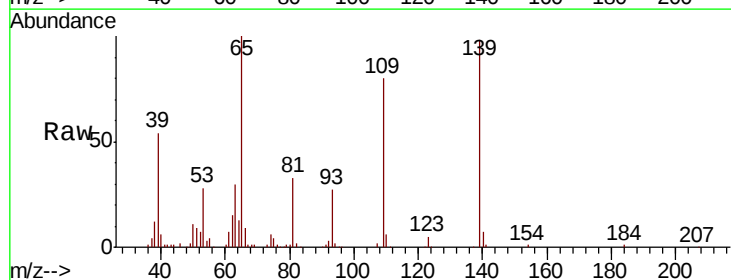
Tgt Ion:139 Resp: 175580

Ion Ratio Lower Upper

139 100

109 81.6 61.9 101.9

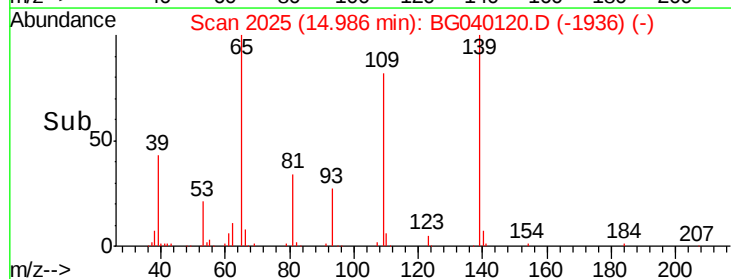
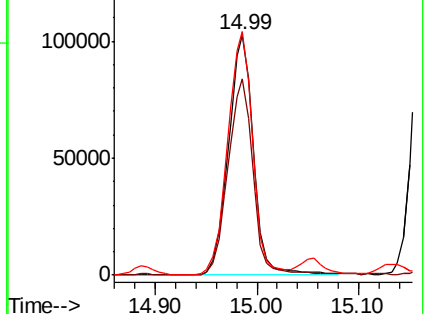
65 101.6 99.1 139.1

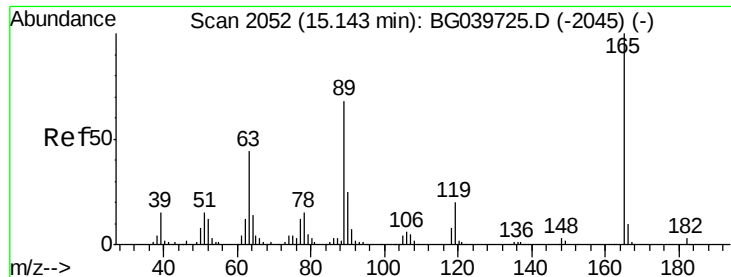


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

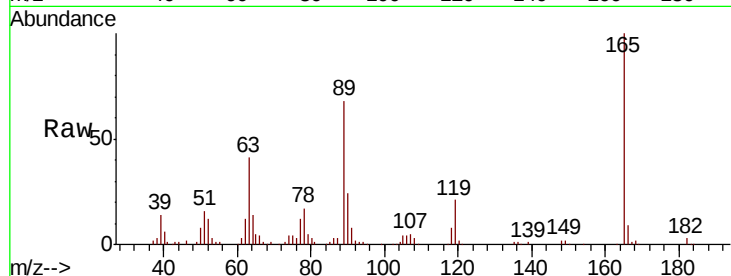




#57
2,4-Dinitrotoluene
Concen: 47.291 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.9	41.0	61.6#
89	67.9	64.6	96.8
182	3.1	2.0	3.0#



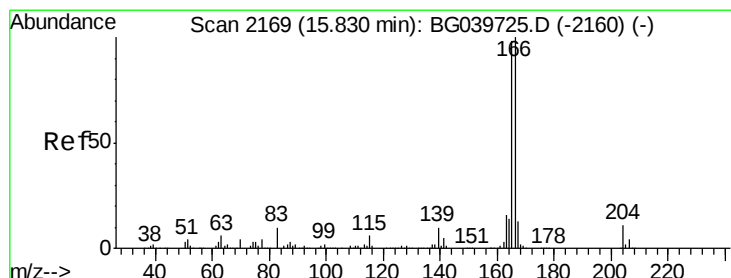
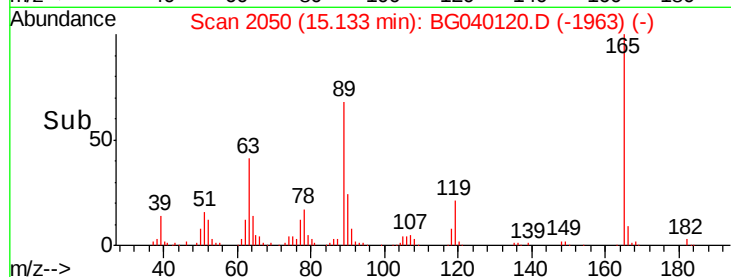
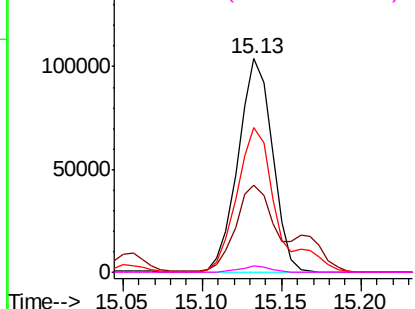
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

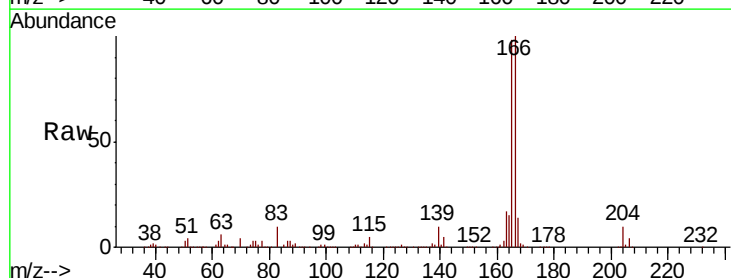
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.823 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	14.4	10.8	16.2

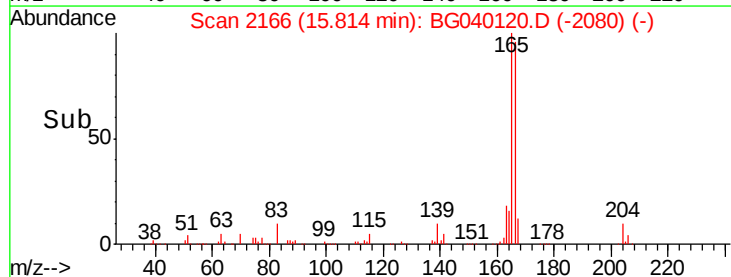
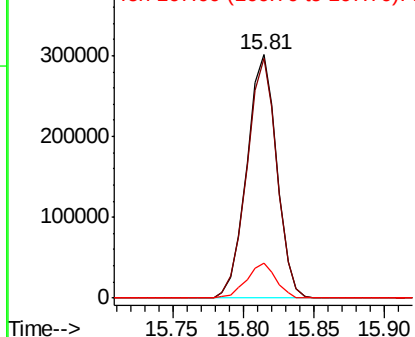


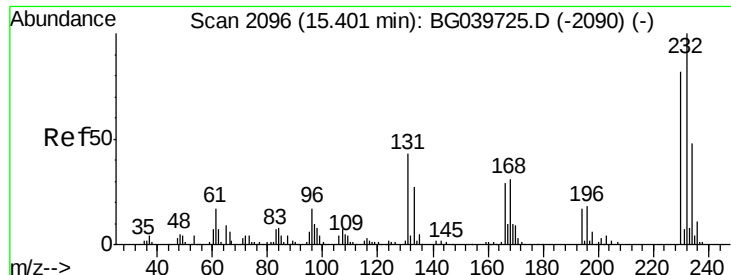
Abundance

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

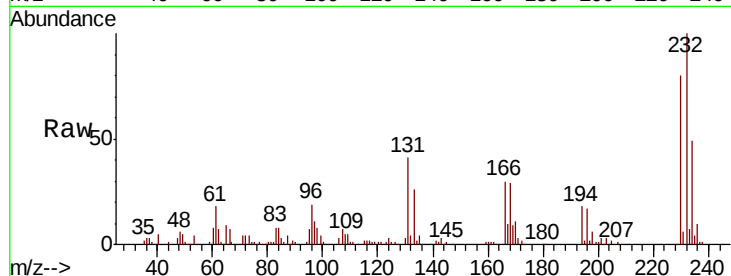




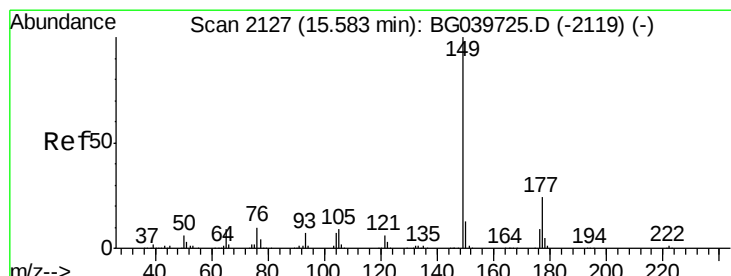
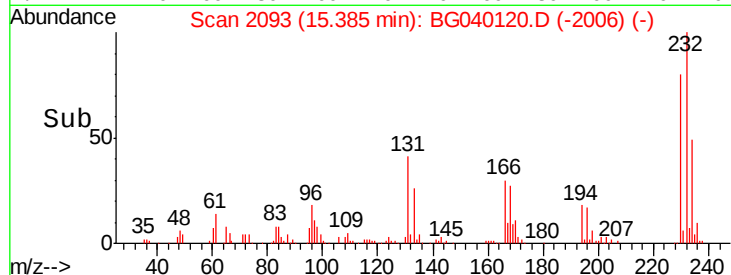
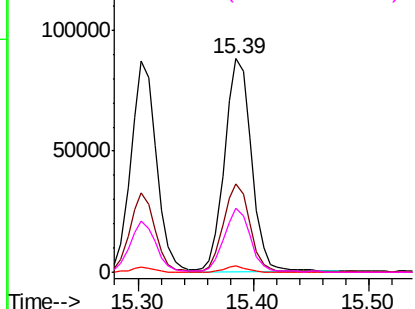
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.183 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion:	232	Resp:	142592
Ion Ratio	Lower	Upper	
232	100		
131	40.8	34.9	52.3
130	2.3	2.0	3.0
166	29.4	24.1	36.1

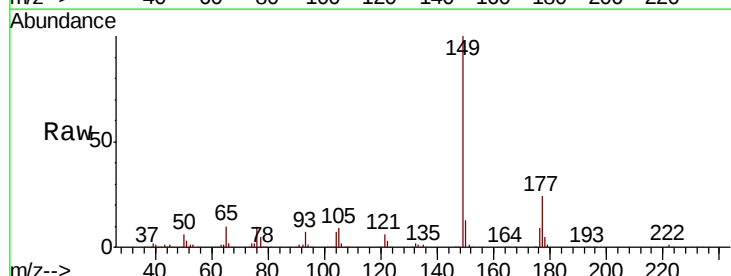


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

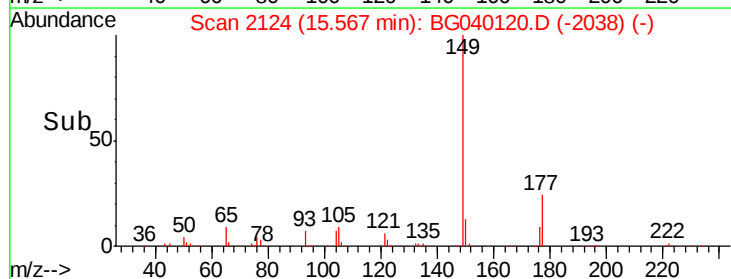
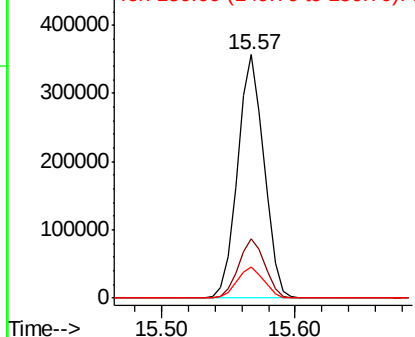


#60
Diethylphthalate
Concen: 44.280 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion:	149	Resp:	486720
Ion Ratio	Lower	Upper	
149	100		
177	24.3	18.3	27.5
150	12.5	10.2	15.2



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

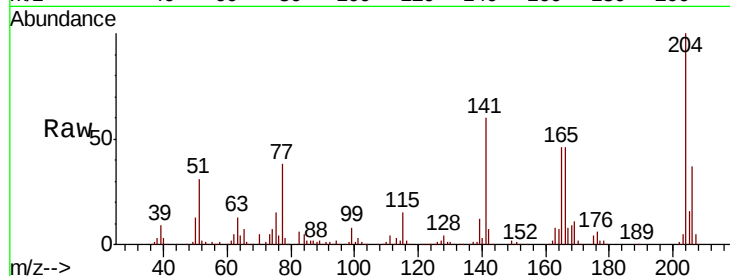




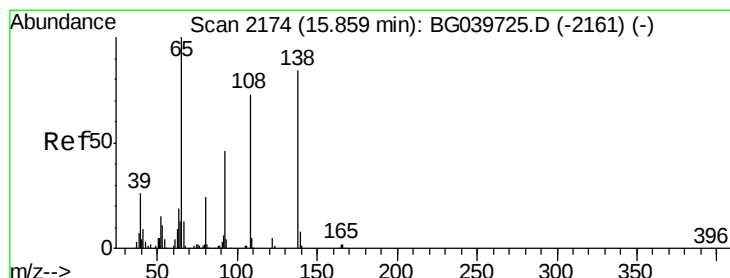
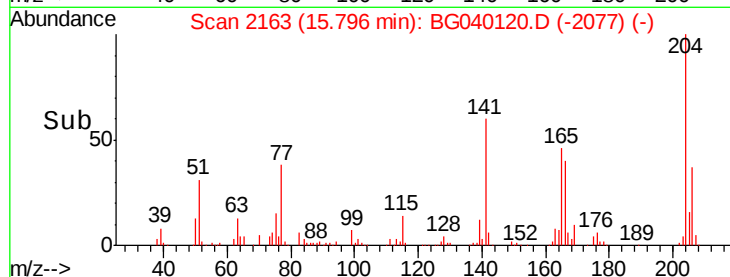
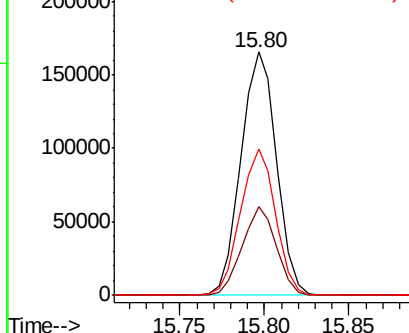
#61
 4-Chlorophenyl-phenylether
 Concen: 43.285 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB118239BS

Tgt Ion: 204 Resp: 241848
 Ion Ratio Lower Upper
 204 100
 206 36.7 29.2 43.8
 141 60.3 49.0 73.4

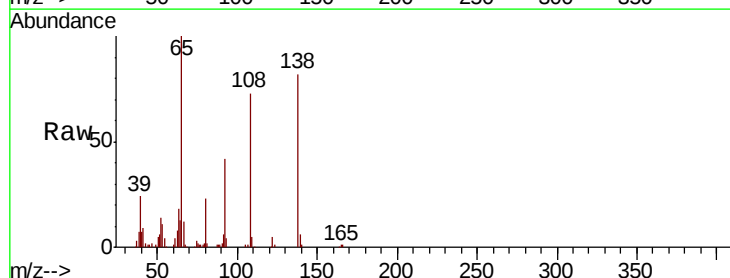


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

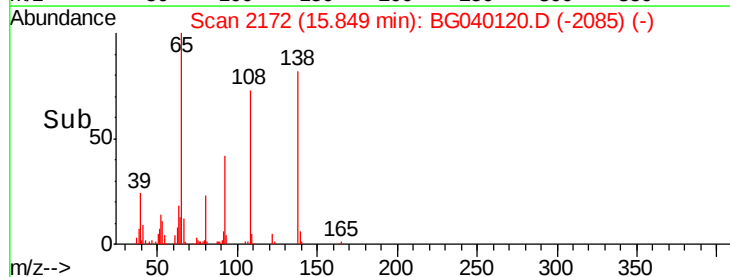
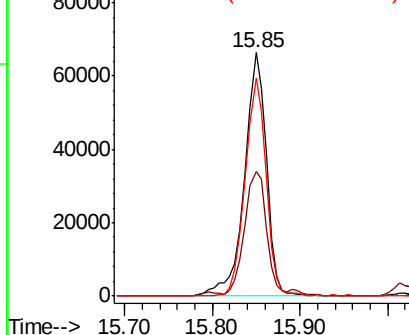


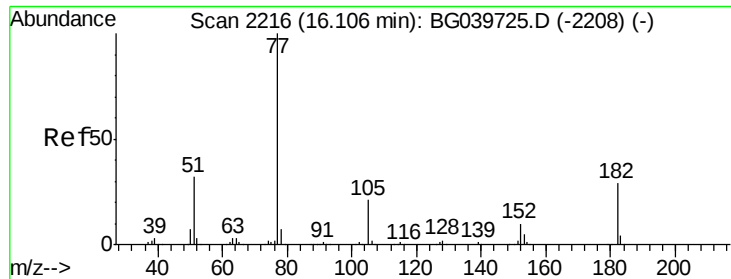
#62
 4-Nitroaniline
 Concen: 43.552 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Tgt Ion: 138 Resp: 111721
 Ion Ratio Lower Upper
 138 100
 92 51.0 38.7 78.7
 108 89.3 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

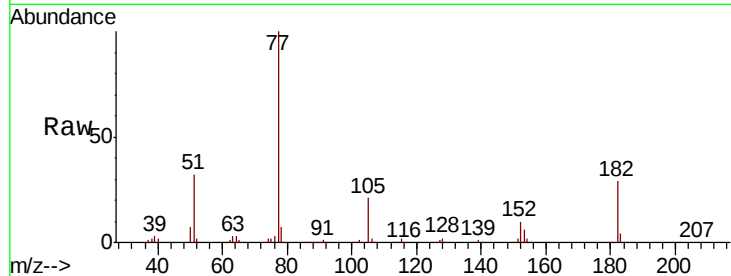




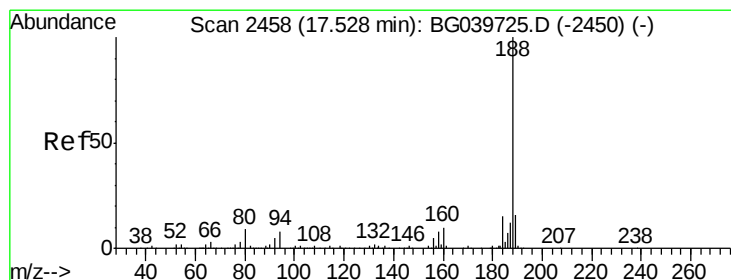
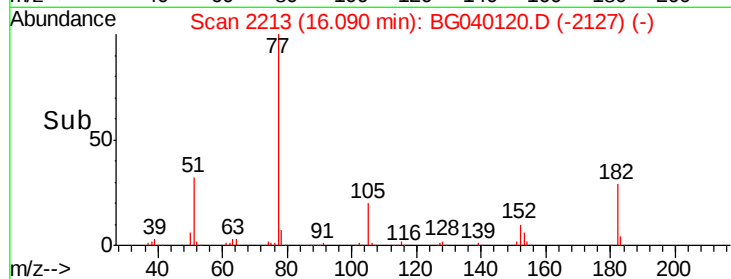
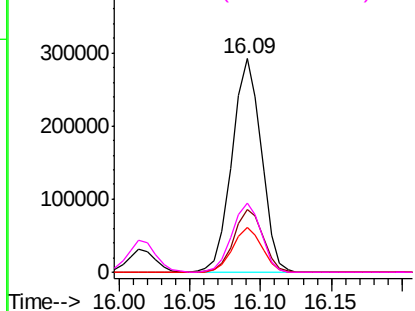
#63
Azobenzene
Concen: 42.472 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	6.4	46.4
105	20.9	0.0	39.8
51	32.1	14.1	54.1

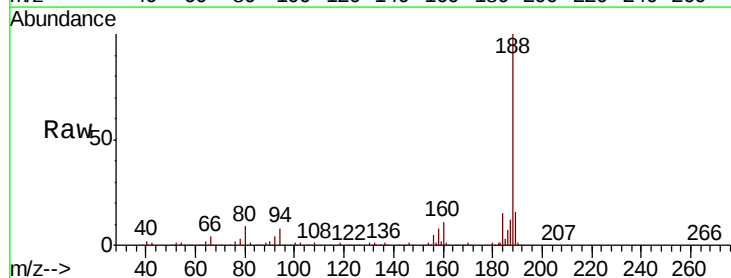


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

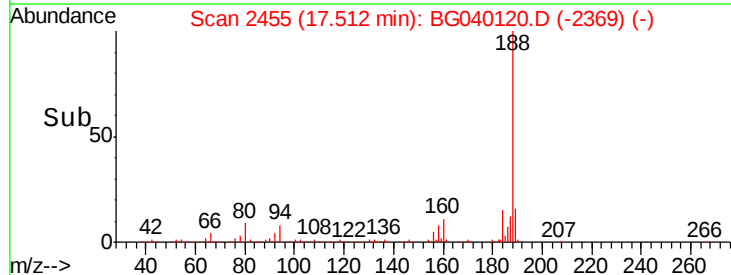
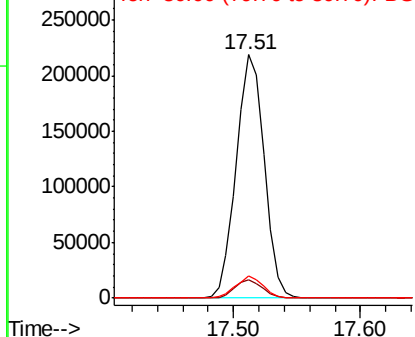


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.9	8.1	12.1



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





#65

4,6-Dinitro-2-methylphenol

Concen: 48.435 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

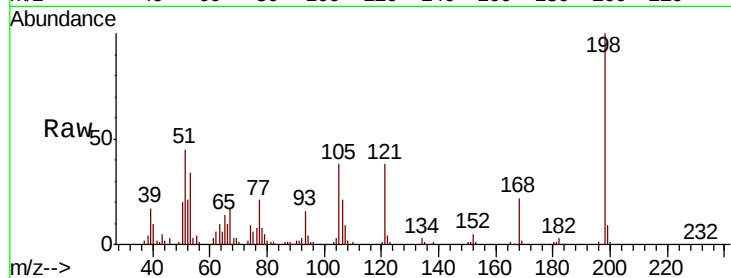
Tgt Ion:198 Resp: 95665

Ion Ratio Lower Upper

198 100

51 44.6 27.4 67.4

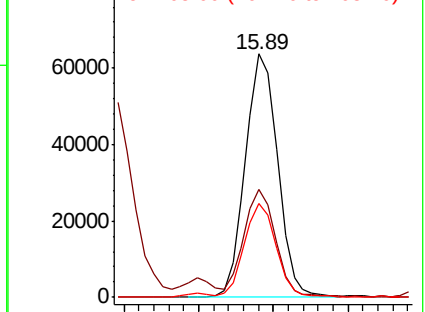
105 38.4 19.7 59.7



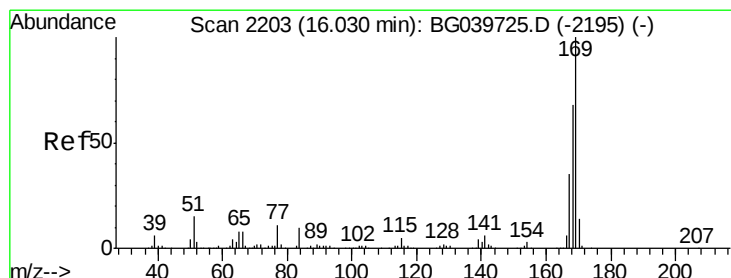
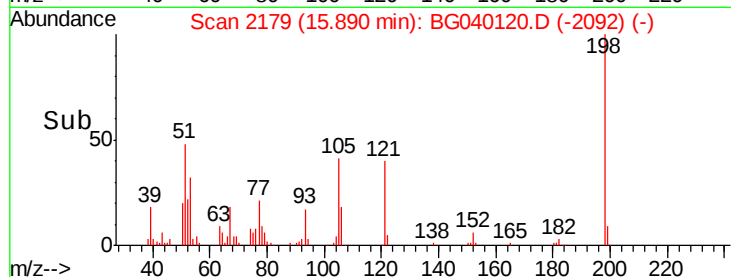
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time--> 15.80 15.85 15.90 15.95



#66

n-Nitrosodiphenylamine

Concen: 43.427 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

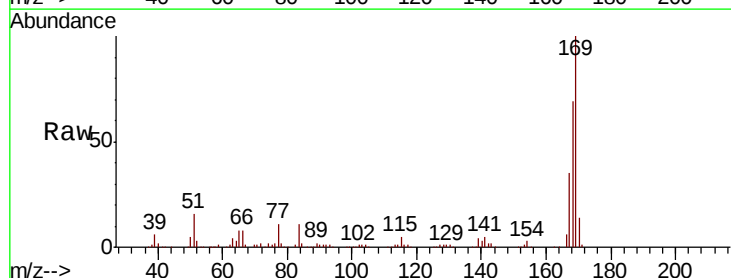
Tgt Ion:169 Resp: 419968

Ion Ratio Lower Upper

169 100

168 68.9 56.6 85.0

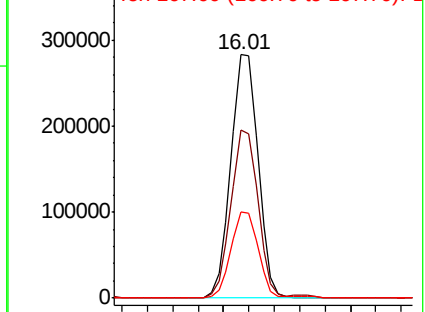
167 35.3 28.8 43.2



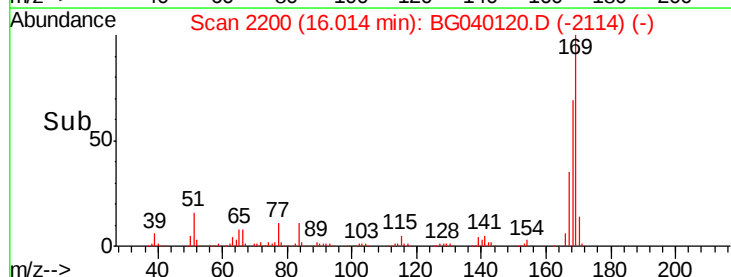
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 16.00 16.10

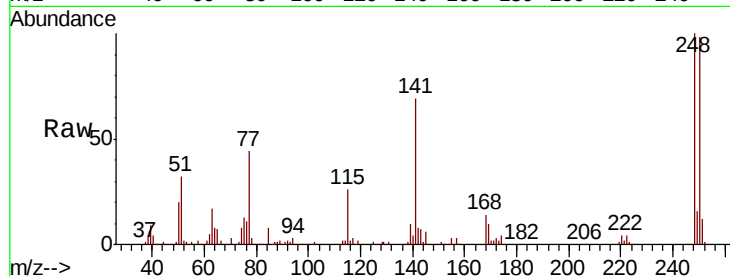




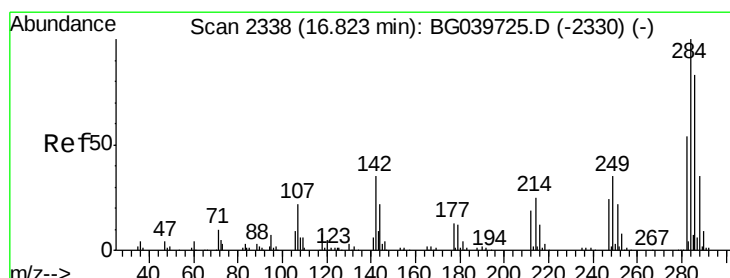
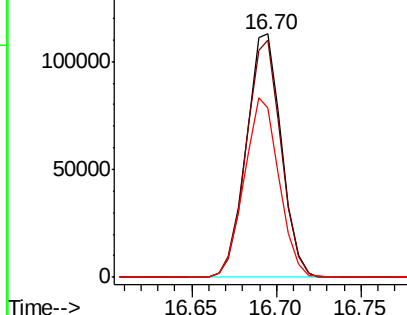
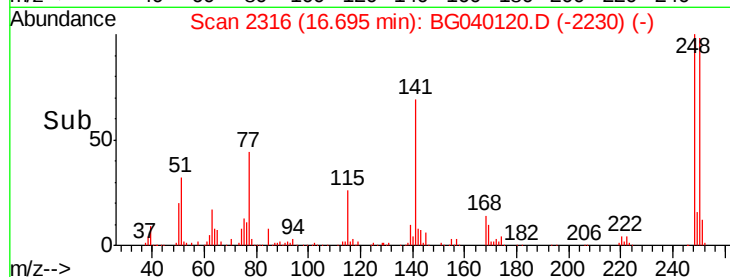
#67
4-Bromophenyl-phenylether
Concen: 43.473 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB118239BS

Tgt Ion:248 Resp: 162550
Ion Ratio Lower Upper
248 100
250 97.5 77.6 116.4
141 69.4 63.9 95.9

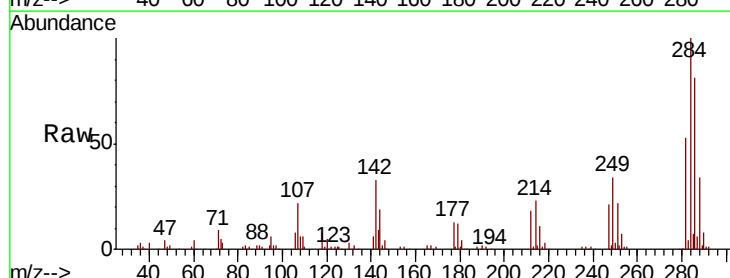


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

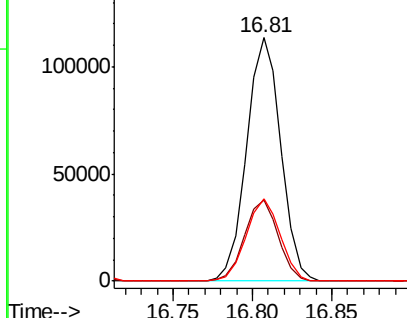
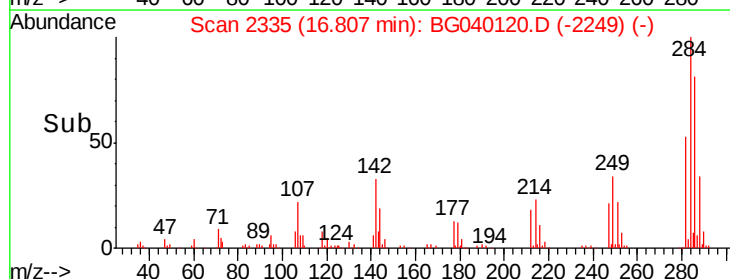


#68
Hexachlorobenzene
Concen: 43.708 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion:284 Resp: 169407
Ion Ratio Lower Upper
284 100
142 33.2 30.6 45.8
249 34.0 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.858 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

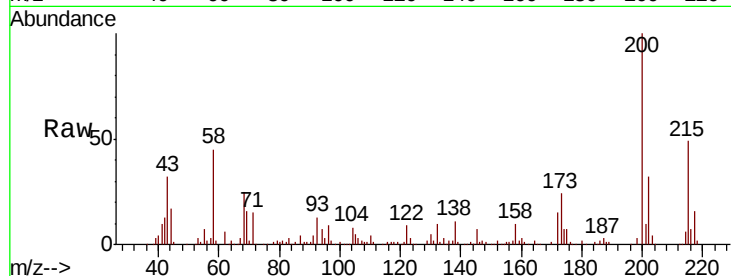
Tgt Ion:200 Resp: 159315

Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

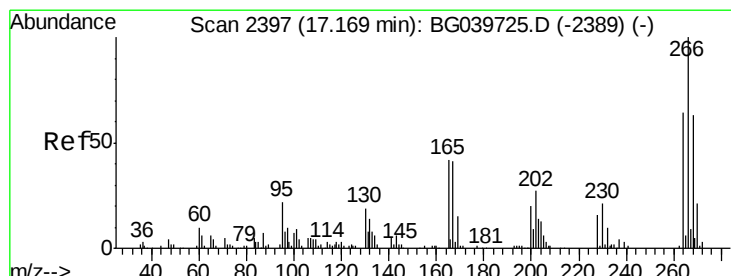
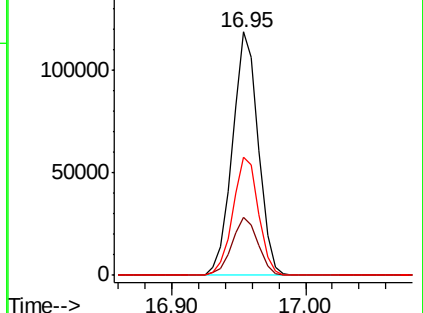
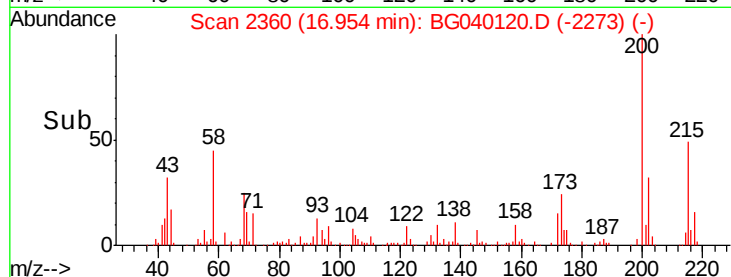
215 48.6 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.145 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

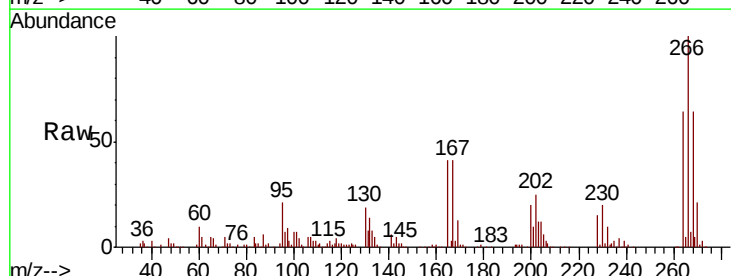
Tgt Ion:266 Resp: 215761

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

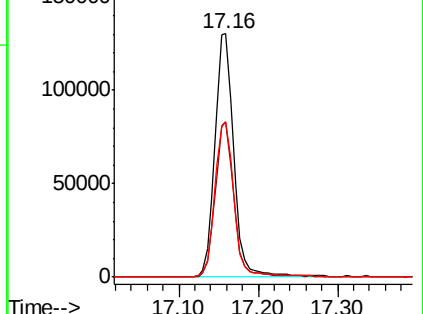
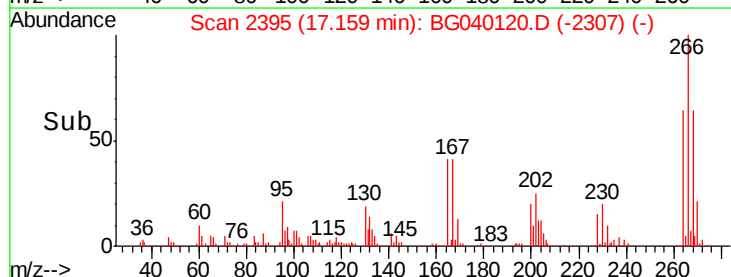
264 63.7 52.1 78.1

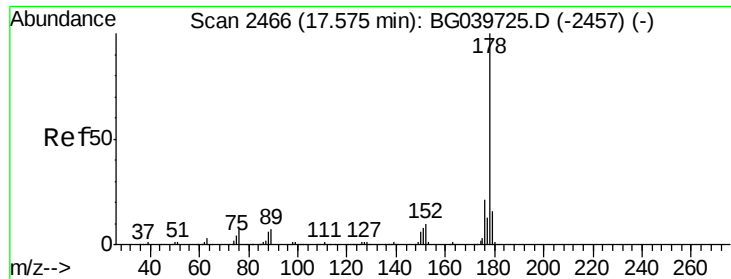


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

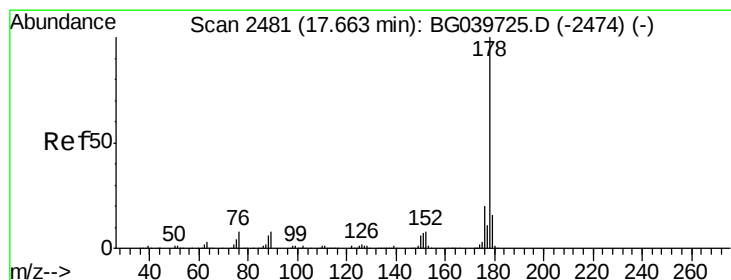
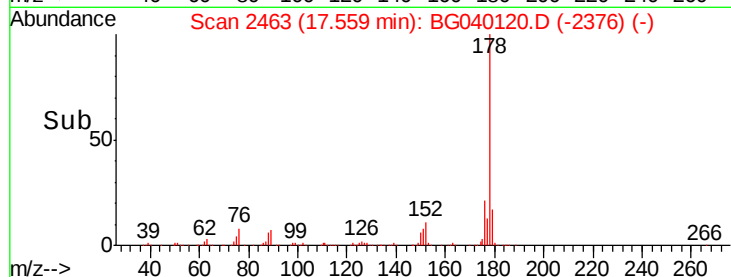
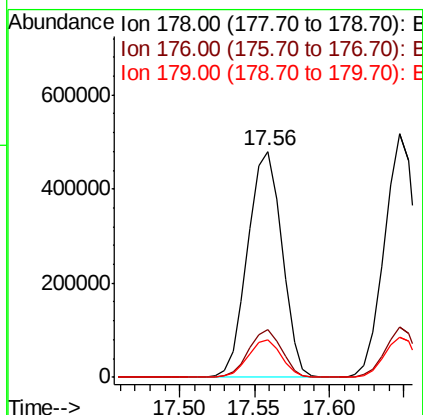
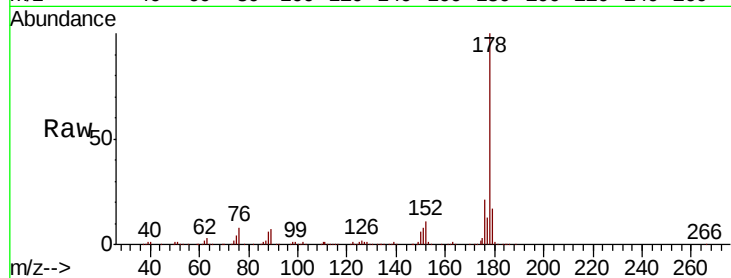




#71
 Phenanthrene
 Concen: 41.504 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

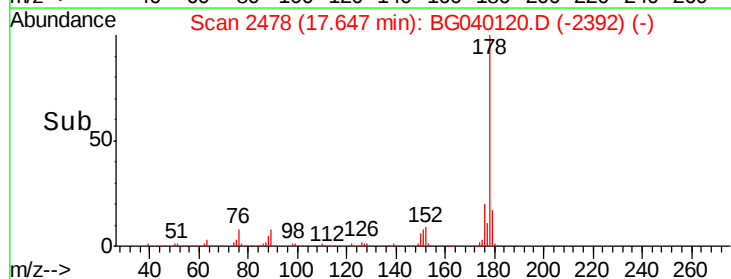
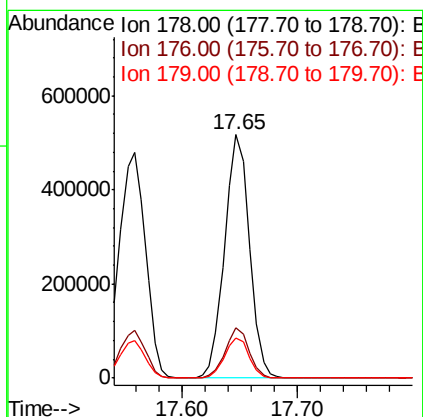
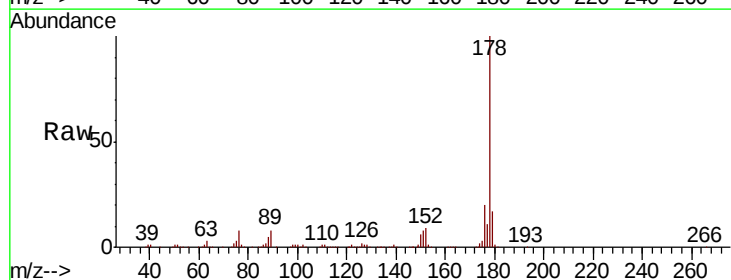
Instrument :
 BNA_G
 ClientSampleId :
 PB118239BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	16.9	12.6	19.0



#72
 Anthracene
 Concen: 42.906 ng
 RT: 17.65 min Scan# 2478
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.6	12.5	18.7

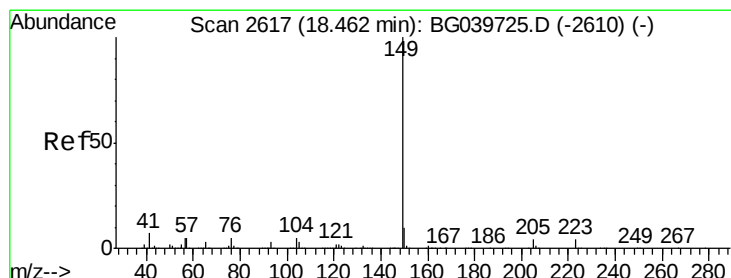
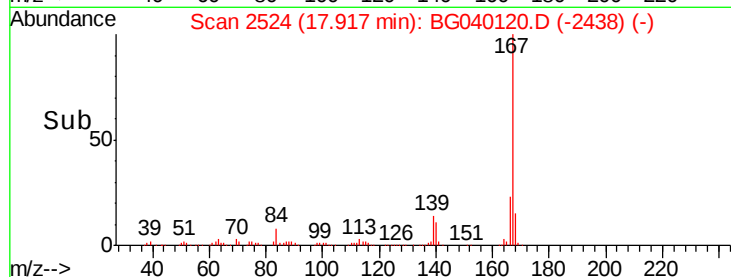
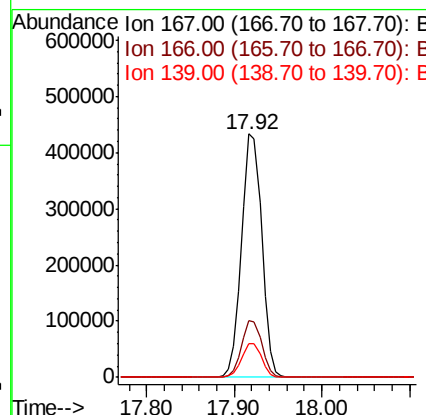
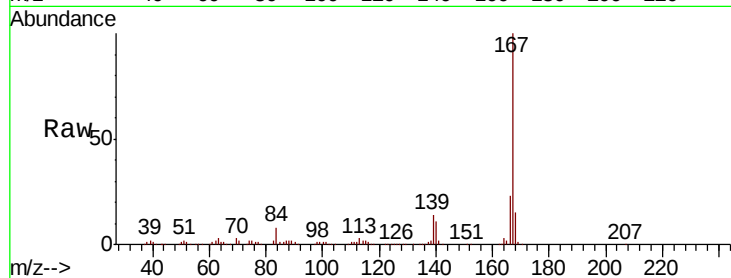




#73
 Carbazole
 Concen: 41.712 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

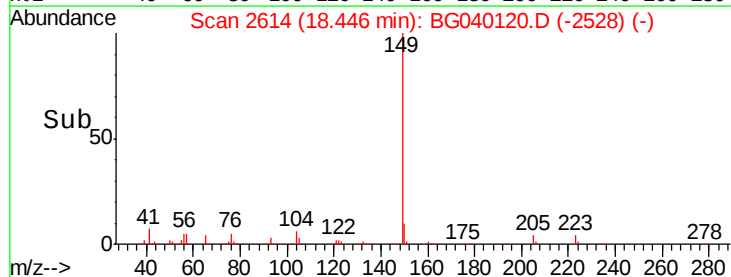
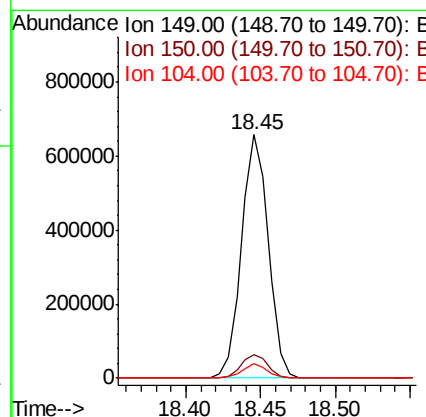
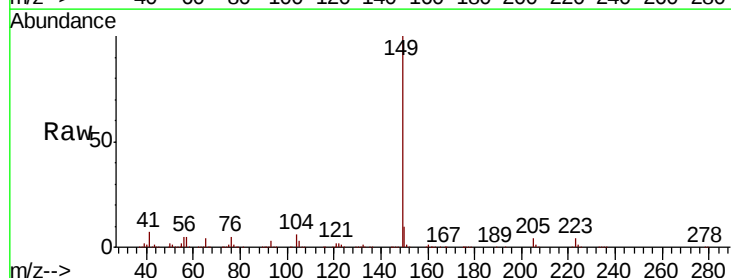
Instrument :
 BNA_G
 ClientSampleId :
 PB118239BS

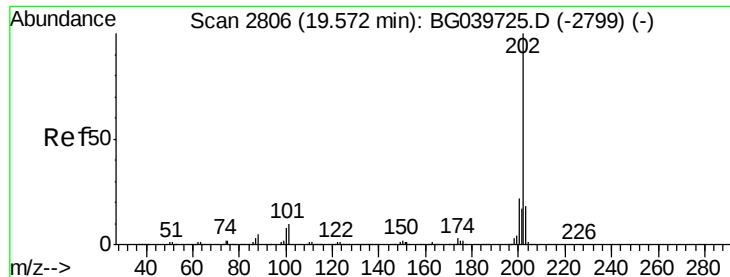
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.2
139	13.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 43.019 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040120.D
 Acq: 25 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 41.978 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

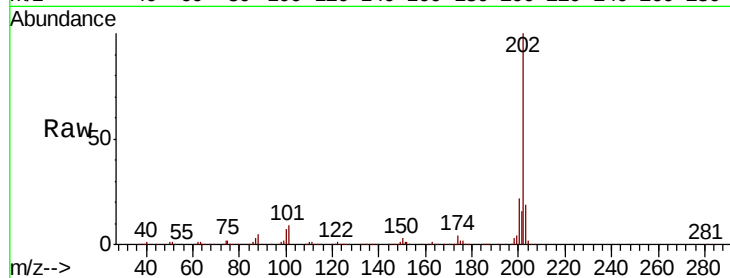
Tgt Ion:202 Resp: 912831

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

203 18.6 0.0 38.9

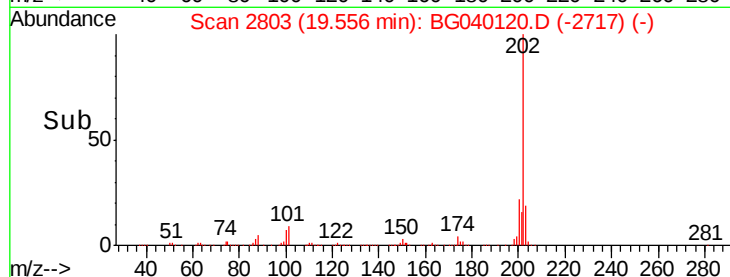


Abundance Ion 202.00 (201.70 to 202.70): E

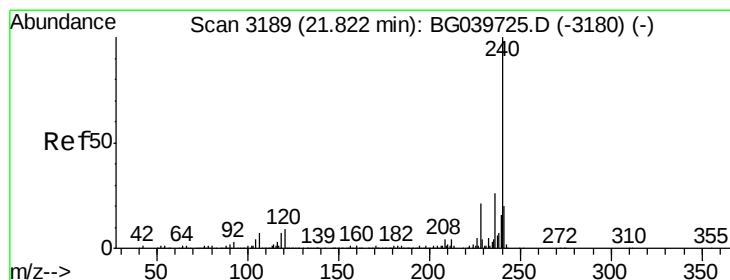
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.56



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

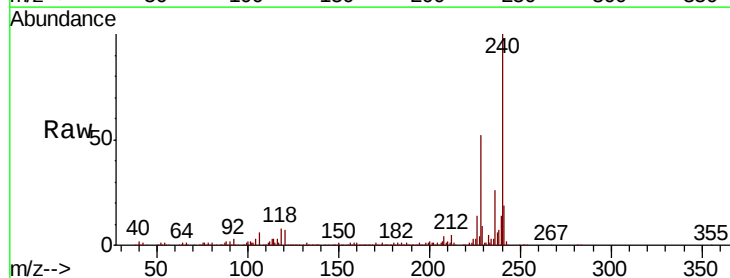
Tgt Ion:240 Resp: 329666

Ion Ratio Lower Upper

240 100

120 7.4 7.0 10.6

236 25.8 21.0 31.4

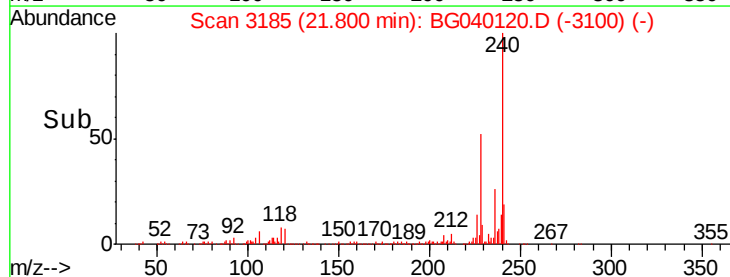


Abundance Ion 240.00 (239.70 to 240.70): E

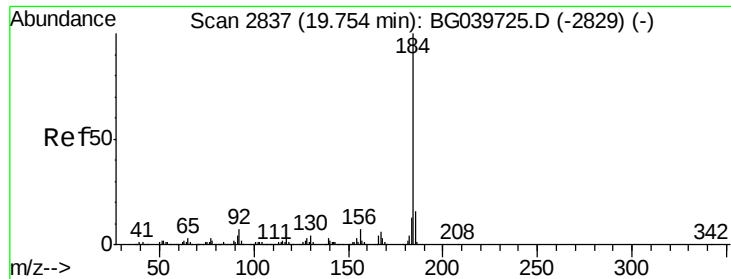
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.80



Time-->



#77

Benzidine

Concen: 26.870 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

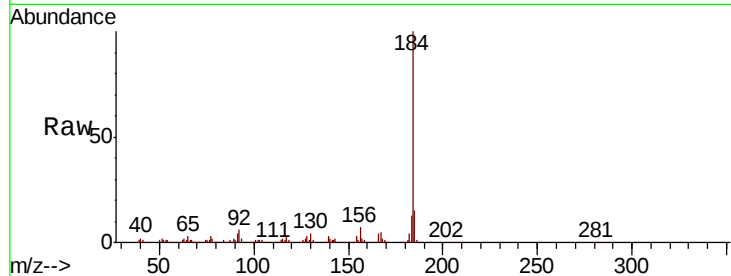
Tgt Ion:184 Resp: 281097

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

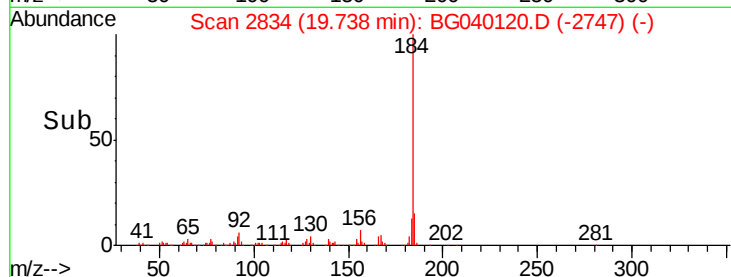
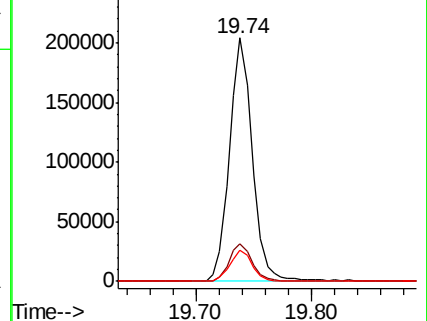
183 12.7 10.6 15.8



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: 42.432 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

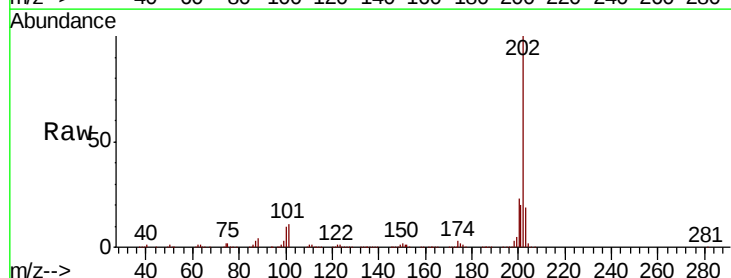
Tgt Ion:202 Resp: 908982

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

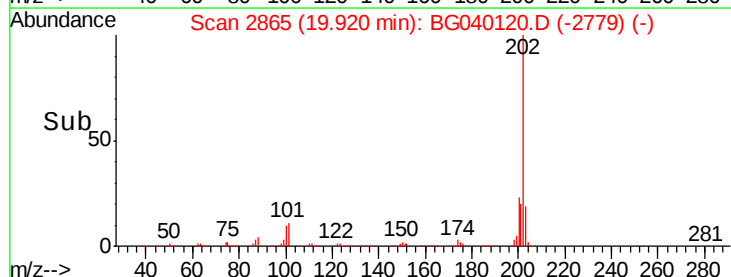
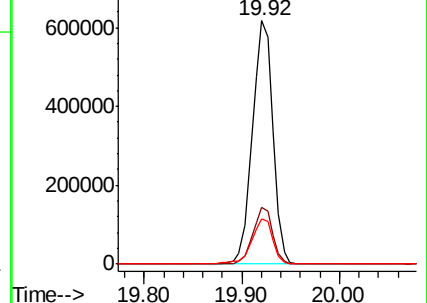
203 18.5 15.3 22.9

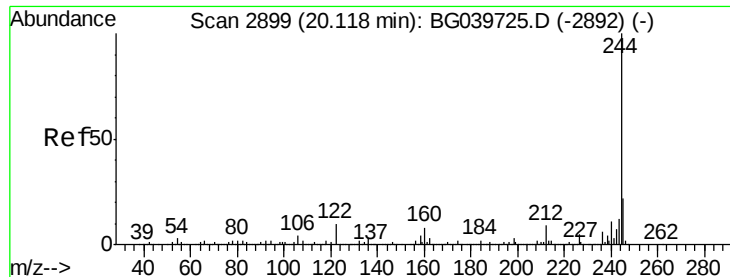


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.483 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

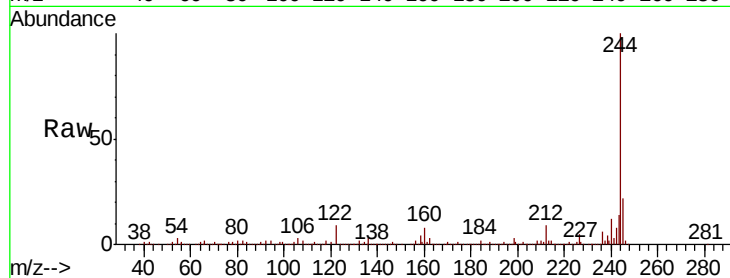
Tgt Ion:244 Resp: 1309837

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

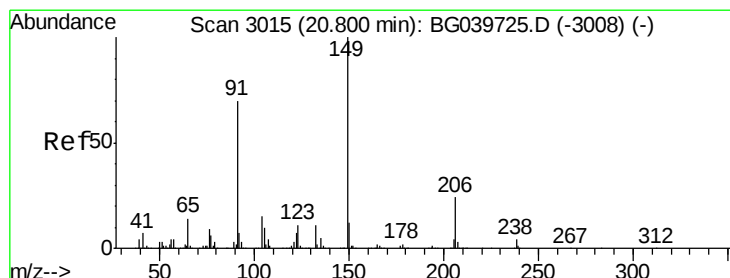
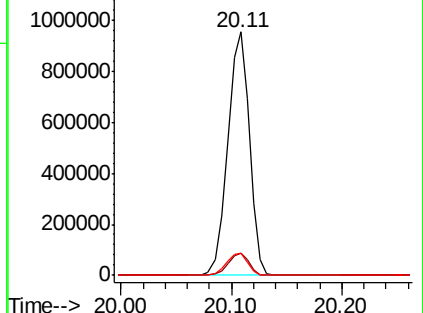
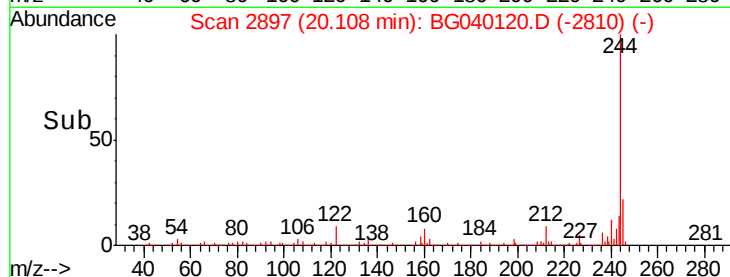
122 8.9 8.4 12.6



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: 45.477 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

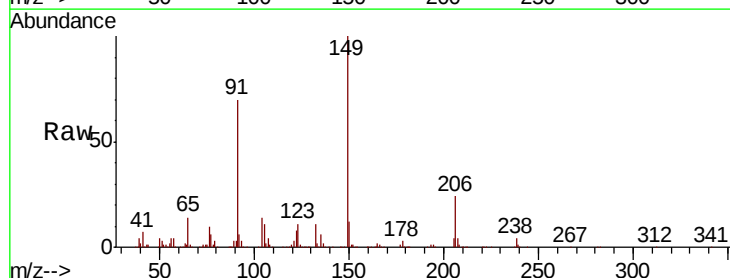
Tgt Ion:149 Resp: 377435

Ion Ratio Lower Upper

149 100

91 69.9 59.5 89.3

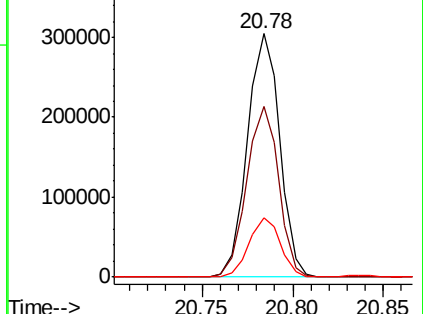
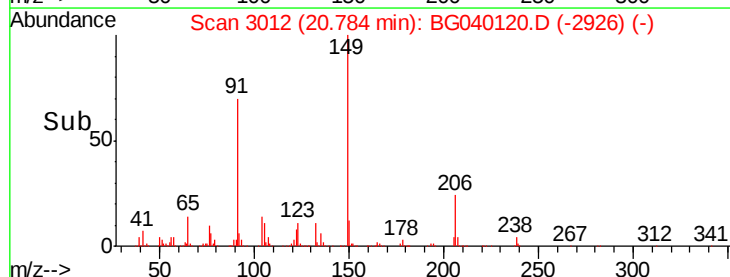
206 24.2 18.6 27.8

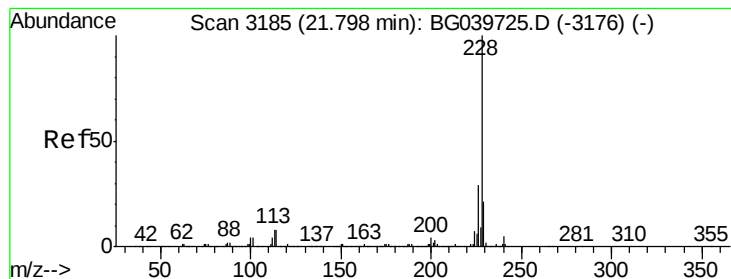


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.893 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

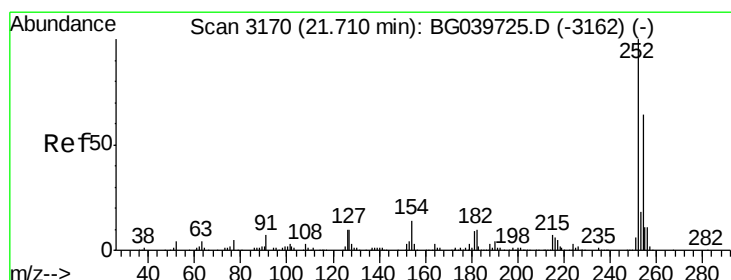
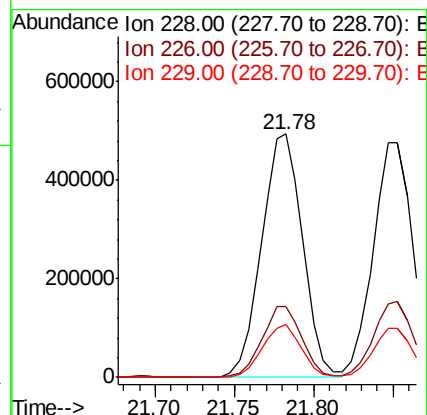
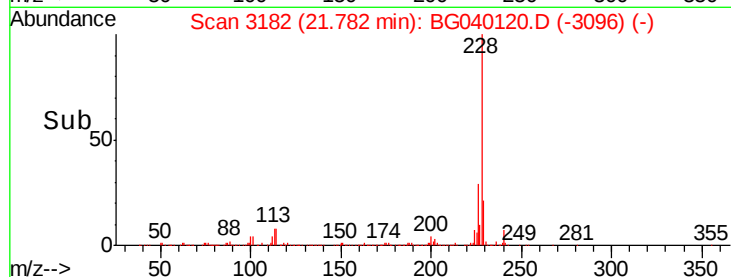
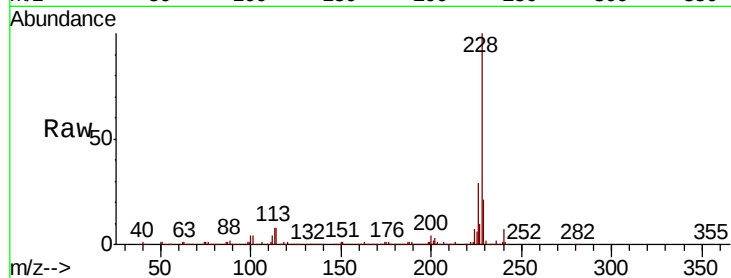
Tgt Ion:228 Resp: 886222

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

229 21.5 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 25.623 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

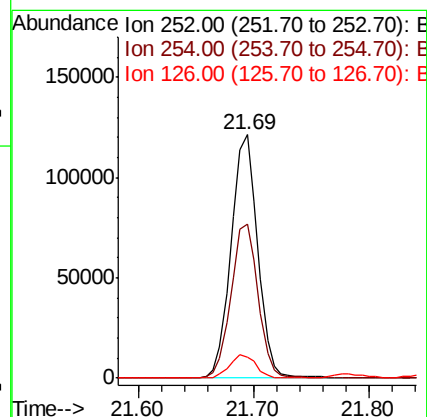
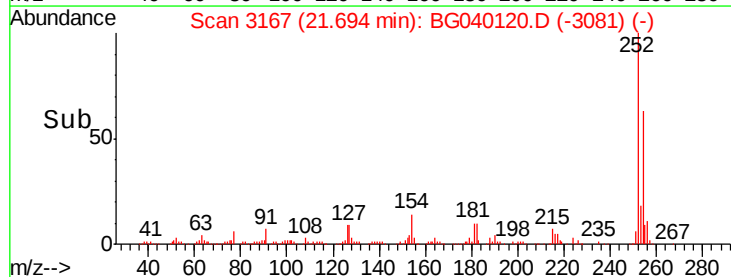
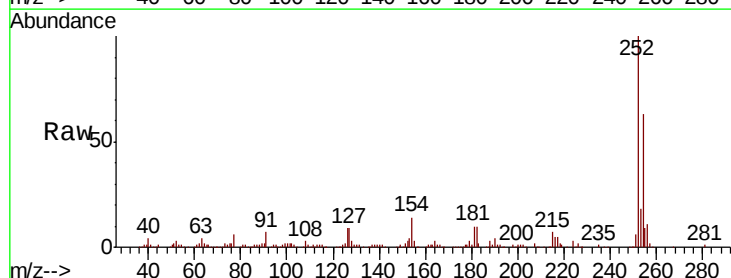
Tgt Ion:252 Resp: 193279

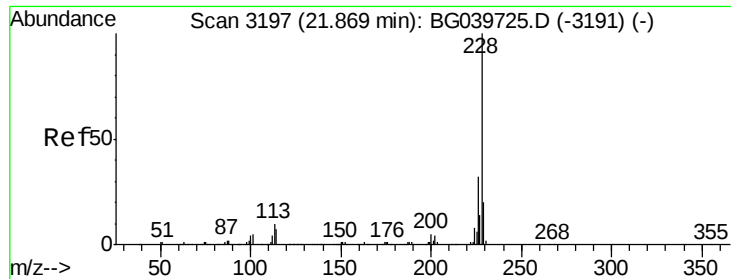
Ion Ratio Lower Upper

252 100

254 63.5 51.3 76.9

126 8.7 8.0 12.0





#83

Chrysene

Concen: 41.180 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

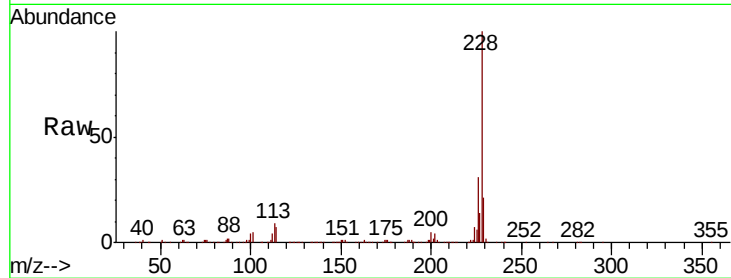
Tgt Ion: 228 Resp: 824849

Ion Ratio Lower Upper

228 100

226 31.1 25.8 38.6

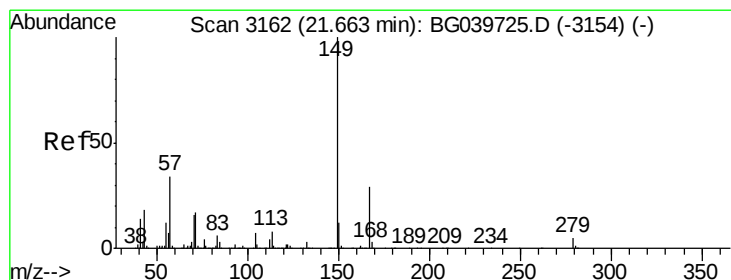
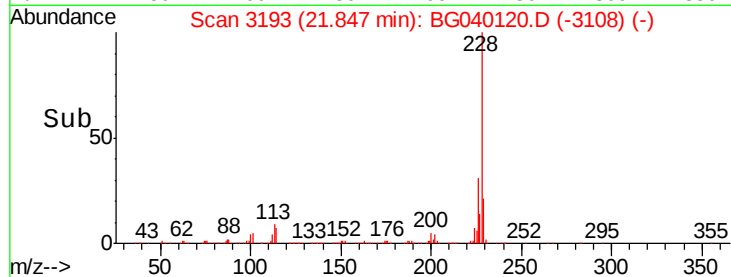
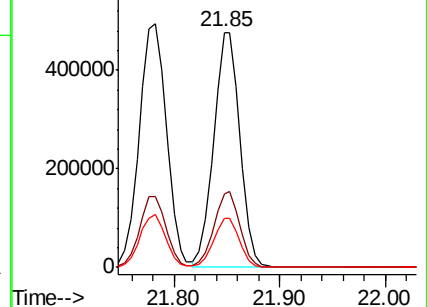
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.549 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

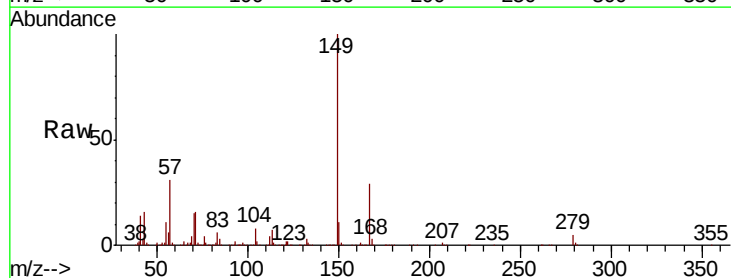
Tgt Ion: 149 Resp: 519561

Ion Ratio Lower Upper

149 100

167 29.3 22.6 34.0

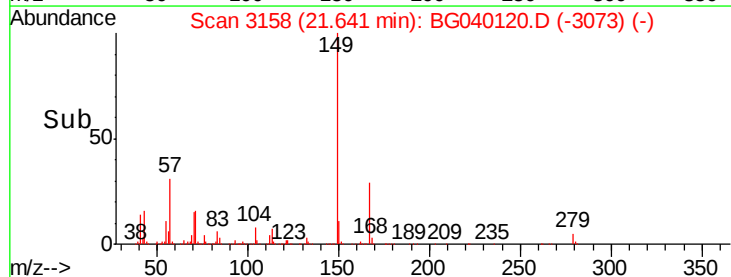
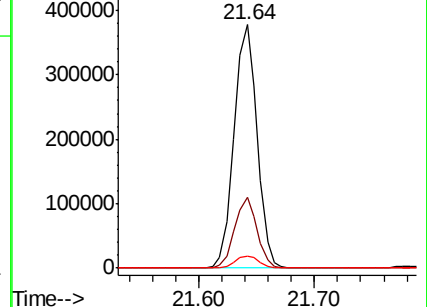
279 5.1 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

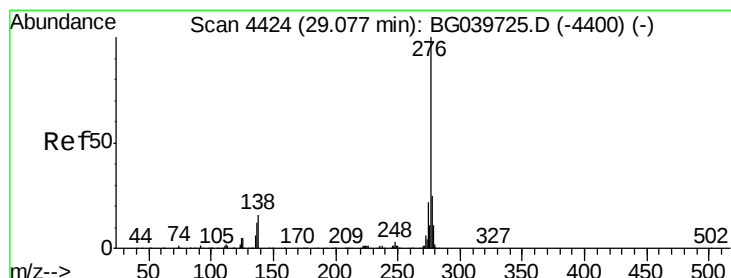
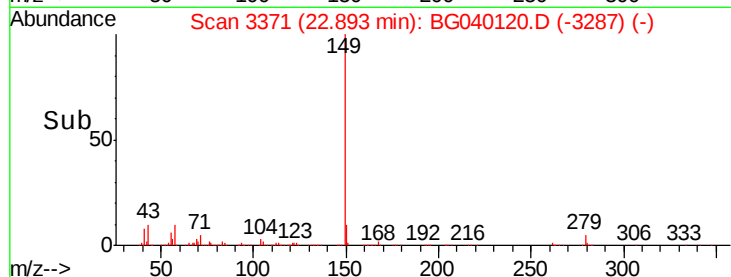
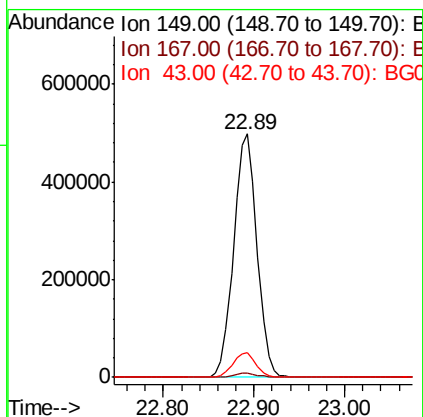
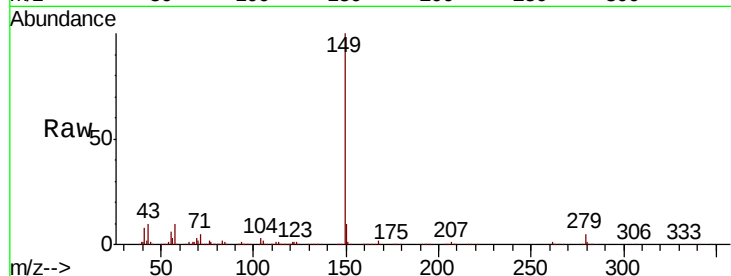




#85
Di-n-octyl phthalate
Concen: 46.071 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

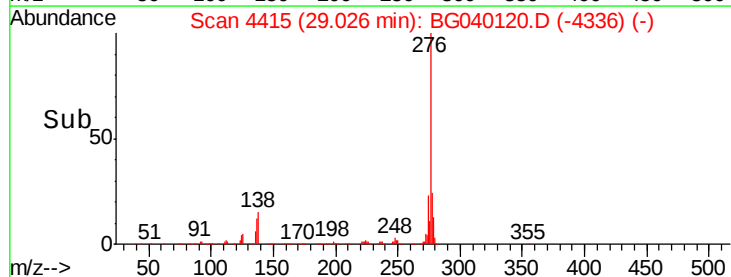
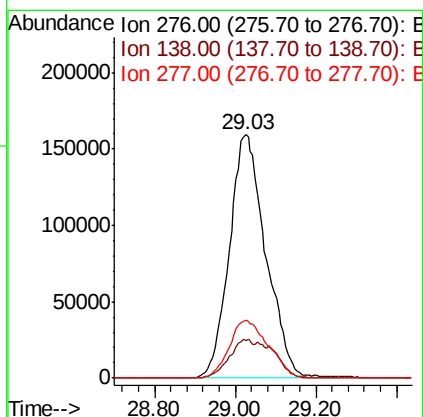
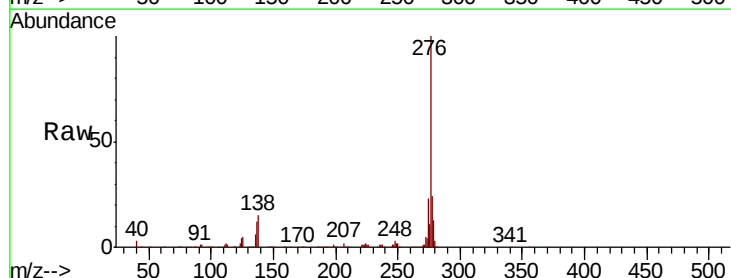
Instrument :
BNA_G
ClientSampleId :
PB118239BS

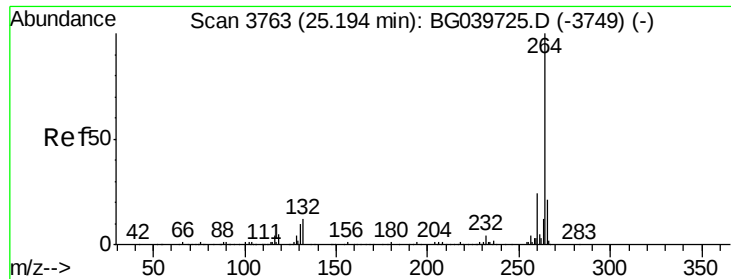
Tgt Ion:149 Resp: 889666
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.2 10.2 15.4#



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.010 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.06 min
Lab File: BG040120.D
Acq: 25 Mar 2019 16:52

Tgt Ion:276 Resp: 1000055
Ion Ratio Lower Upper
276 100
138 10.8 12.6 19.0#
277 25.6 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

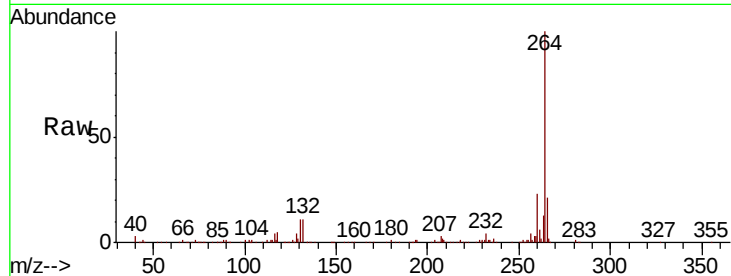
Tgt Ion:264 Resp: 326741

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

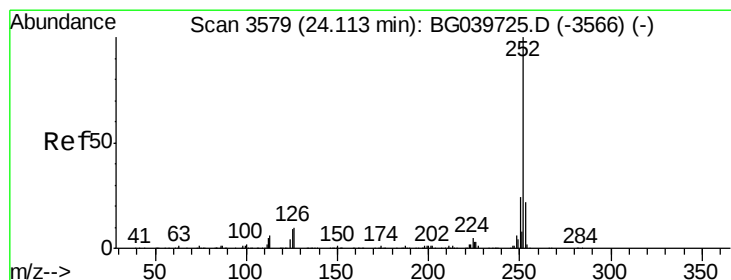
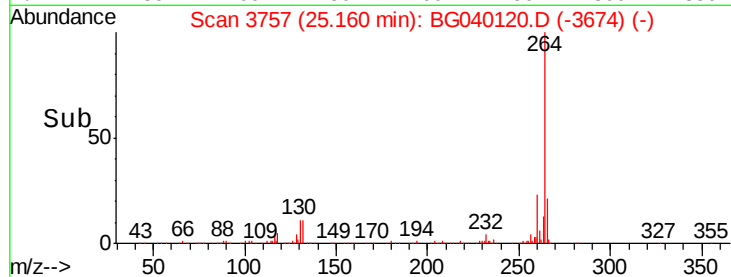
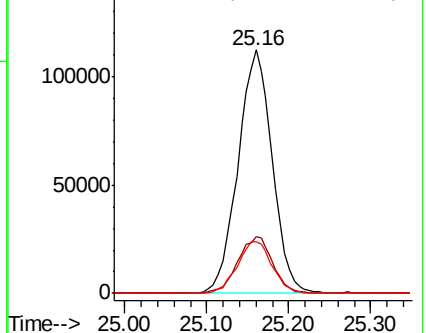
265 21.1 18.5 27.7



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: 45.201 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

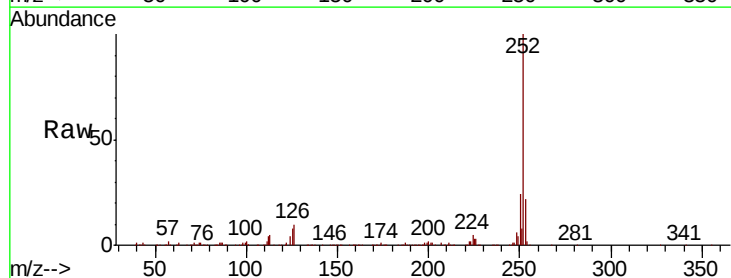
Tgt Ion:252 Resp: 880701

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

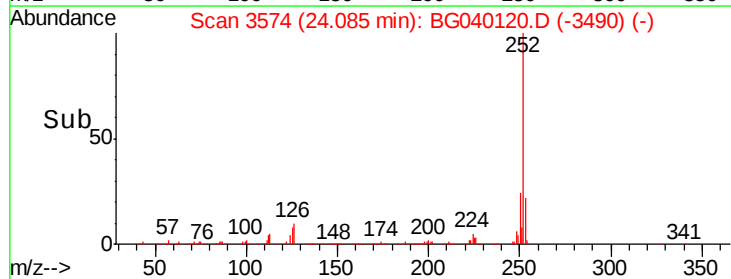
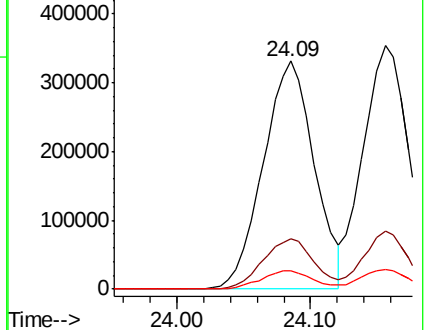
125 7.9 7.8 11.6

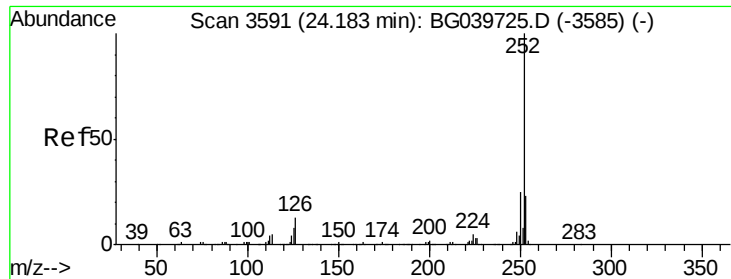


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.099 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

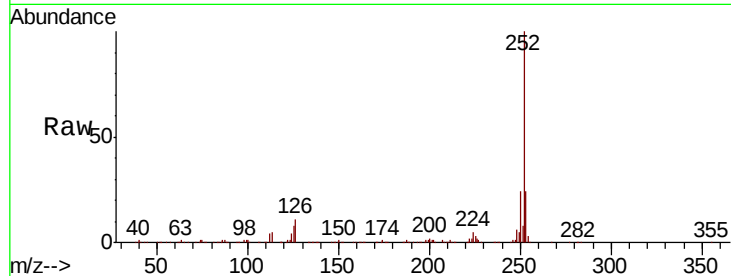
Tgt Ion:252 Resp: 836099

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

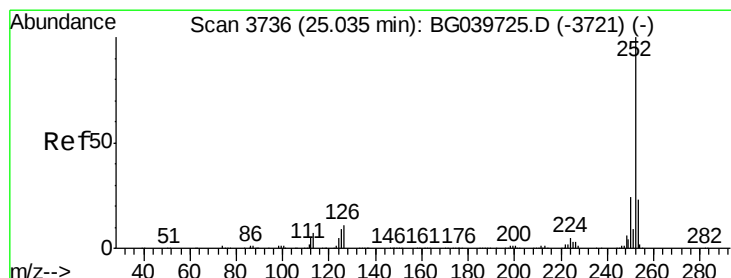
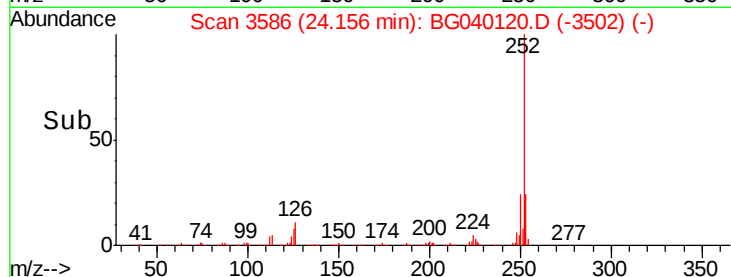
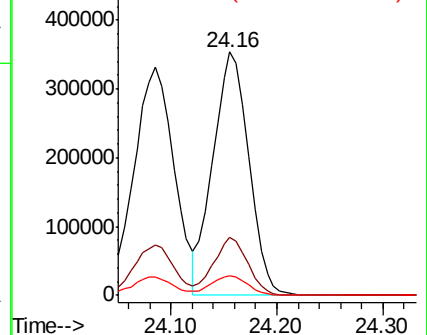
125 8.1 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.097 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

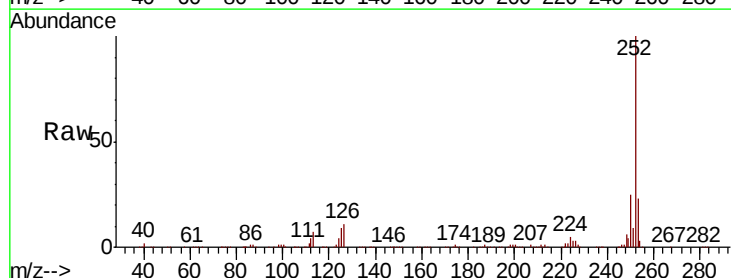
Tgt Ion:252 Resp: 847962

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

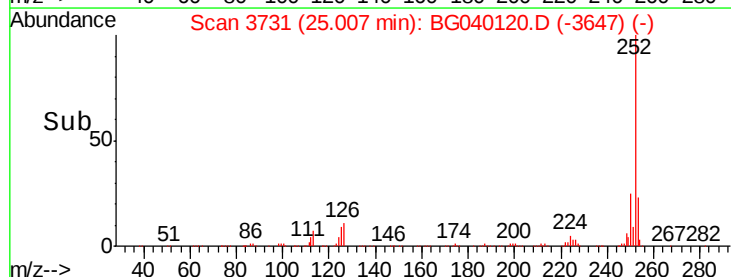
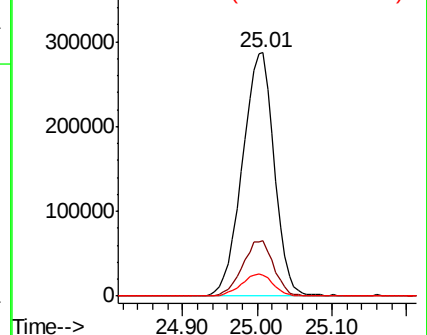
125 8.7 8.3 12.5

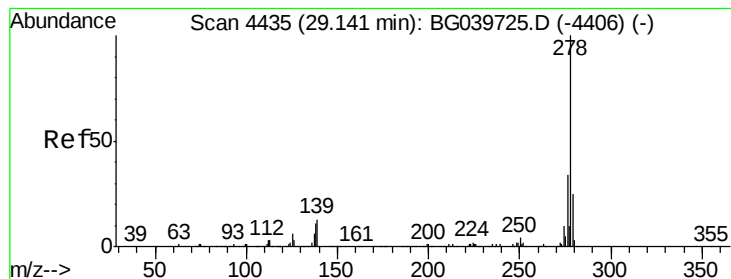


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.761 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.06 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB118239BS

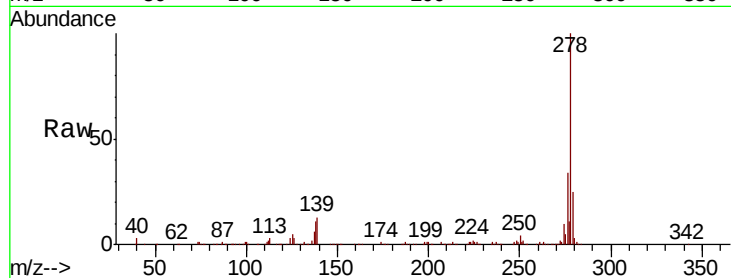
Tgt Ion:278 Resp: 807728

Ion Ratio Lower Upper

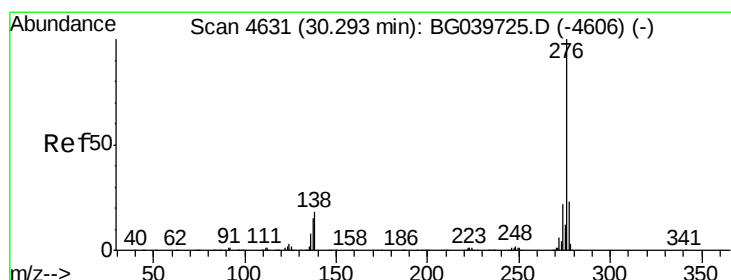
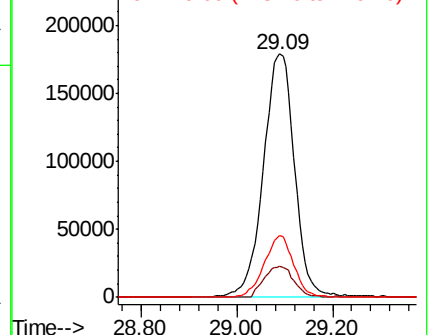
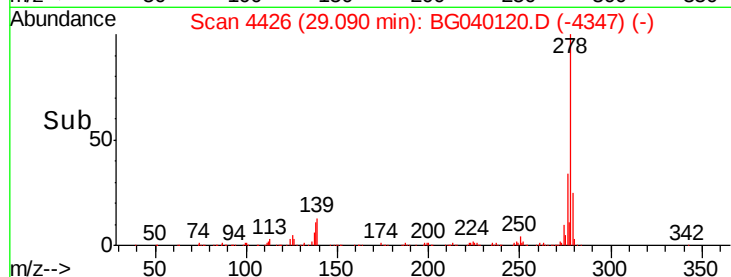
278 100

139 12.9 11.7 17.5

279 25.2 19.1 28.7



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



#92

Benzo(g,h,i)perylene

Concen: 46.728 ng

RT: 30.24 min Scan# 4622

Delta R.T. -0.07 min

Lab File: BG040120.D

Acq: 25 Mar 2019 16:52

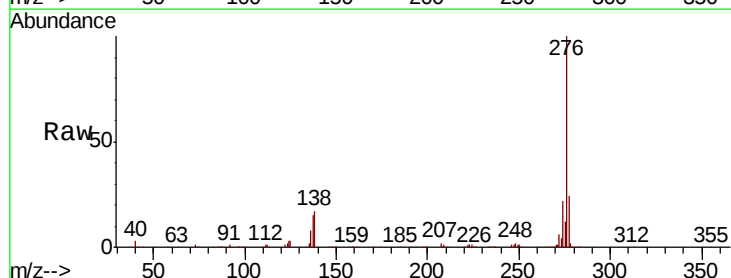
Tgt Ion:276 Resp: 828355

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 16.7 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

