

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
 Data File : BG039645.D
 Acq On : 27 Feb 2019 21:55
 Operator : JU/SJ
 Sample : PB117445BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

Quant Time: Feb 28 00:01:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54311	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	237230	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	153672	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	357569	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	376530	20.00	ng	-0.02
87) Perylene-d12	25.21	264	390056	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	463258	145.99	ng	0.00
7) Phenol-d6	7.32	99	656333	140.51	ng	0.00
23) Nitrobenzene-d5	9.34	82	377776	99.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	233546	141.13	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	891833	83.25	ng	-0.02
79) Terphenyl-d14	20.12	244	1368851	76.95	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	52100	37.534	ng	97
3) Pyridine	4.00	79	145388	39.560	ng	97
4) n-Nitrosodimethylamine	3.92	42	74573	40.574	ng	84
6) Aniline	7.49	93	180514	30.853	ng	98
8) 2-Chlorophenol	7.73	128	160915	46.391	ng	94
9) Benzaldehyde	7.31	77	70379	27.512	ng	97
10) Phenol	7.34	94	224363	46.079	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	155698	40.467	ng	99
12) 1,3-Dichlorobenzene	8.05	146	169819	40.413	ng	99
13) 1,4-Dichlorobenzene	8.20	146	171941	41.053	ng	98
14) 1,2-Dichlorobenzene	8.52	146	165022	40.700	ng	98
15) Benzyl Alcohol	8.40	79	151115	41.208	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	292287	33.640	ng	98
17) 2-Methylphenol	8.60	107	145388	46.141	ng	96
18) Hexachloroethane	9.25	117	58959	40.917	ng	92
19) n-Nitroso-di-n-propylamine	8.97	70	124219	37.469	ng	92
20) 3+4-Methylphenols	8.93	107	195696	45.101	ng	99
22) Acetophenone	9.00	105	240182	37.691	ng	# 94
24) Nitrobenzene	9.39	77	188163	45.866	ng	95
25) Isophorone	9.90	82	355245	42.216	ng	97
26) 2-Nitrophenol	10.10	139	94703	55.919	ng	97
27) 2,4-Dimethylphenol	10.14	122	169949	49.925	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	214460	41.376	ng	97
29) 2,4-Dichlorophenol	10.63	162	175336	47.128	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	177692	42.541	ng	99
31) Naphthalene	11.04	128	497116	42.240	ng	99
32) Benzoic acid	10.25	122	67544	33.628	ng	100
33) 4-Chloroaniline	11.15	127	112346	20.588	ng	99
34) Hexachlorobutadiene	11.30	225	112831	40.619	ng	93
35) Caprolactam	11.93	113	57172	37.136	ng	95
36) 4-Chloro-3-methylphenol	12.25	107	183196	42.577	ng	97
37) 2-Methylnaphthalene	12.63	142	379811	43.573	ng	95
38) 1-Methylnaphthalene	12.85	142	359318	42.764	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	208313	42.605	ng	98

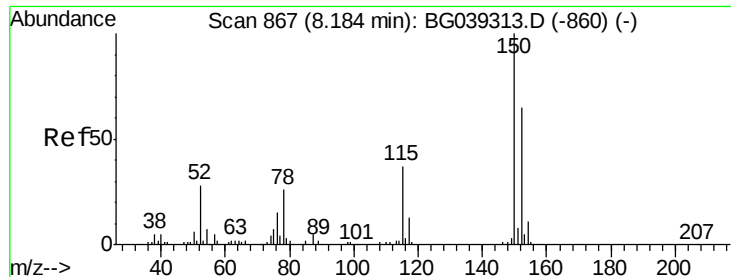
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	266952	100.196	ng	98
43) 2,4,6-Trichlorophenol	13.23	196	140947	46.885	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	150133	47.649	ng	97
46) 1,1'-Biphenyl	13.63	154	496254	38.813	ng	99
47) 2-Chloronaphthalene	13.67	162	383295	39.850	ng	99
48) 2-Nitroaniline	13.88	65	130872	47.475	ng	95
49) Acenaphthylene	14.52	152	617640	42.556	ng	99
50) Dimethylphthalate	14.24	163	498688	40.181	ng	98
51) 2,6-Dinitrotoluene	14.37	165	112281	48.350	ng	95
52) Acenaphthene	14.85	154	380422	40.380	ng	98
53) 3-Nitroaniline	14.70	138	78673	33.432	ng	# 84
54) 2,4-Dinitrophenol	14.90	184	33064	42.224	ng	94
55) Dibenzofuran	15.19	168	606652	40.162	ng	99
56) 4-Nitrophenol	15.00	139	182050	81.044	ng	92
57) 2,4-Dinitrotoluene	15.15	165	157218	52.112	ng	# 89
58) Fluorene	15.84	166	476420	42.310	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	147426	49.973	ng	96
60) Diethylphthalate	15.59	149	490159	38.197	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	251672	39.472	ng	97
62) 4-Nitroaniline	15.87	138	120120	46.316	ng	95
63) Azobenzene	16.11	77	448024	35.721	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	46260	36.582	ng	98
66) n-Nitrosodiphenylamine	16.04	169	434702	39.982	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	162110	40.866	ng	93
68) Hexachlorobenzene	16.83	284	169632	42.622	ng	96
69) Atrazine	16.98	200	157820	39.721	ng	97
70) Pentachlorophenol	17.18	266	181163	65.494	ng	99
71) Phenanthrene	17.58	178	785444	42.441	ng	99
72) Anthracene	17.67	178	797185	43.731	ng	99
73) Carbazole	17.94	167	709580	39.004	ng	98
74) Di-n-butylphthalate	18.47	149	849326	40.017	ng	99
75) Fluoranthene	19.58	202	965551	44.950	ng	100
77) Benzidine	19.76	184	372781	30.198	ng	99
78) Pyrene	19.94	202	967858	41.291	ng	100
80) Butylbenzylphthalate	20.81	149	416227	42.095	ng	97
81) Benzo(a)anthracene	21.80	228	964280	43.341	ng	100
82) 3,3'-Dichlorobenzidine	21.72	252	229975	27.877	ng	98
83) Chrysene	21.87	228	903776	42.672	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	576259	40.851	ng	99
85) Di-n-octyl phthalate	22.93	149	983418	42.197	ng	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	1095217	48.197	ng	98
88) Benzo(b)fluoranthene	24.12	252	957295	45.003	ng	99
89) Benzo(k)fluoranthene	24.19	252	916929	42.934	ng	99
90) Benzo(a)pyrene	25.05	252	930137	45.403	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	877005	45.712	ng	99
92) Benzo(g,h,i)perylene	30.32	276	901223	47.128	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

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BNA_G

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PB117445BS

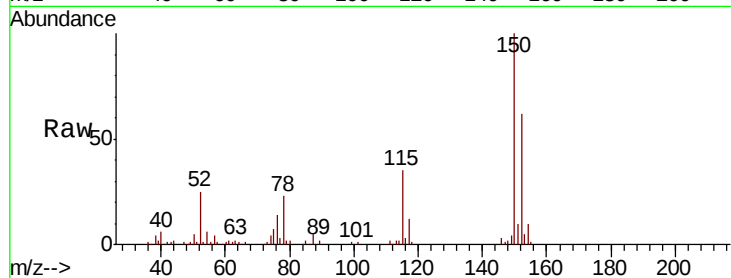
Tgt Ion:152 Resp: 54311

Ion Ratio Lower Upper

152 100

150 162.3 123.7 185.5

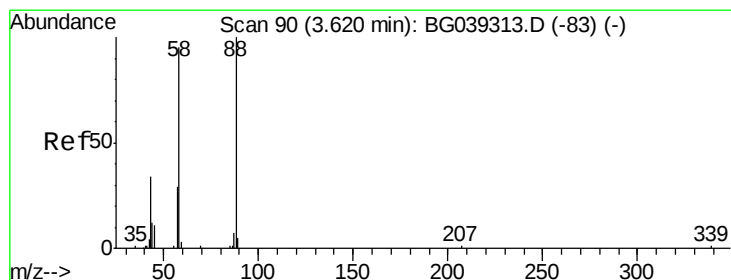
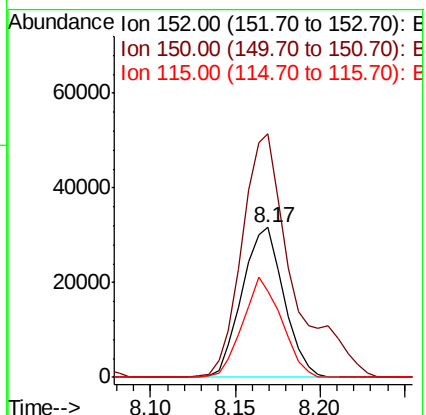
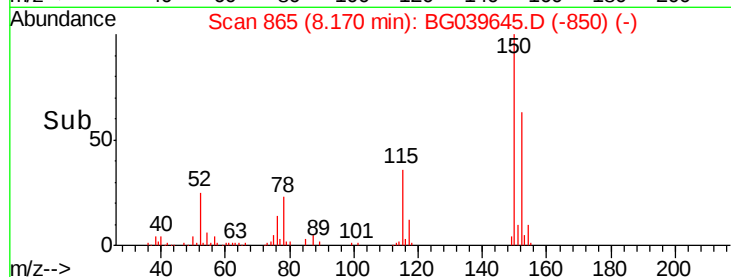
115 57.6 45.9 68.9



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: 37.534 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

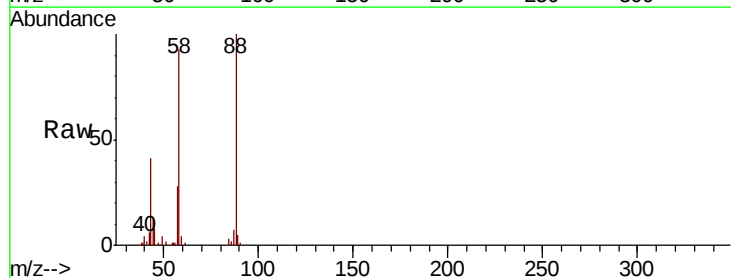
Tgt Ion: 88 Resp: 52100

Ion Ratio Lower Upper

88 100

58 99.3 81.1 121.7

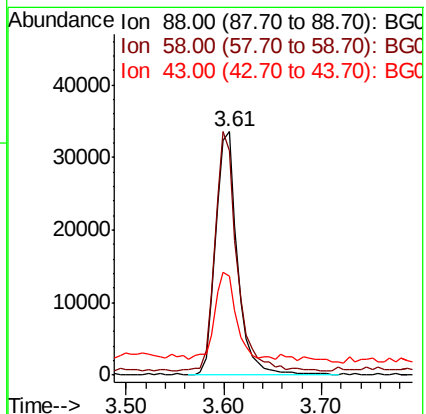
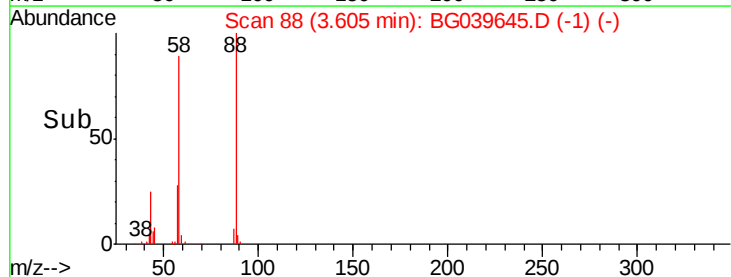
43 35.5 31.4 47.0

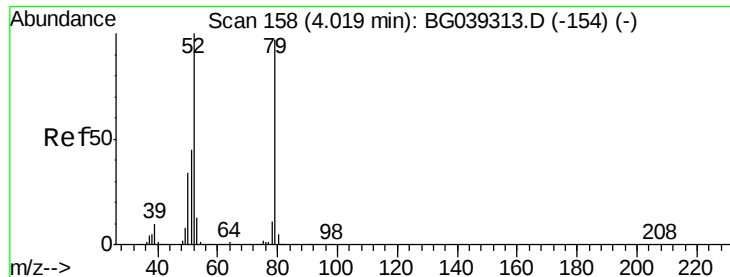


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.560 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

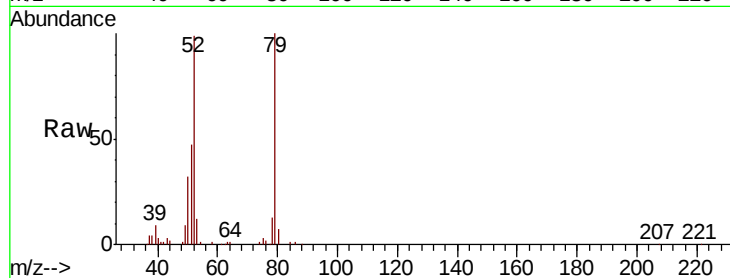
Tgt Ion: 79 Resp: 145388

Ion Ratio Lower Upper

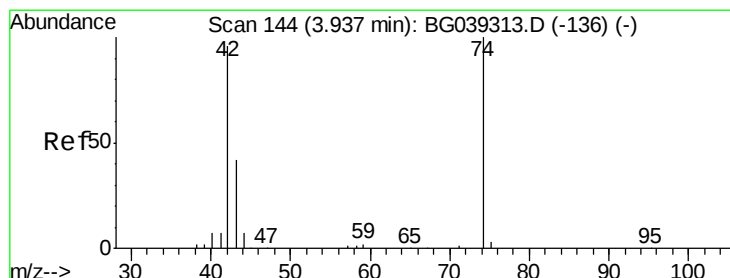
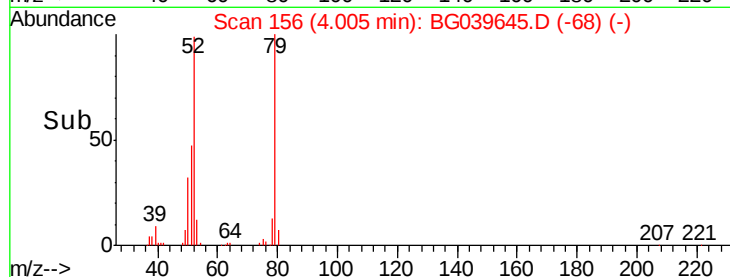
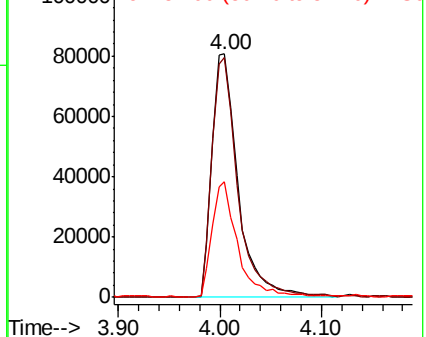
79 100

52 98.6 82.6 124.0

51 47.4 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 40.574 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

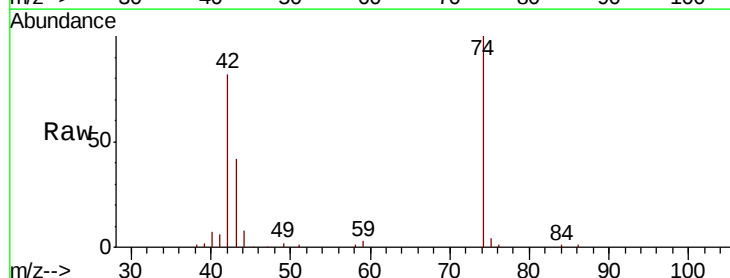
Tgt Ion: 42 Resp: 74573

Ion Ratio Lower Upper

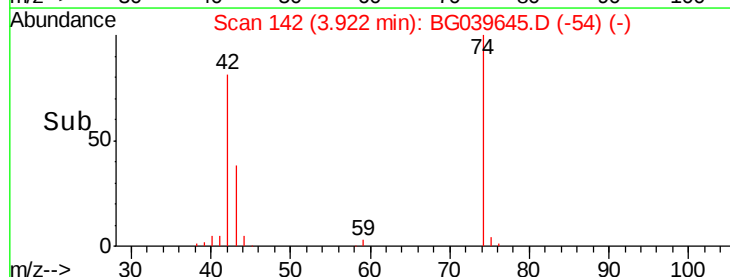
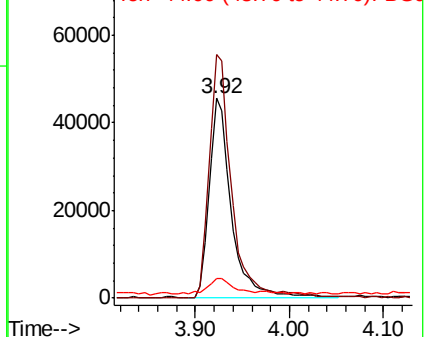
42 100

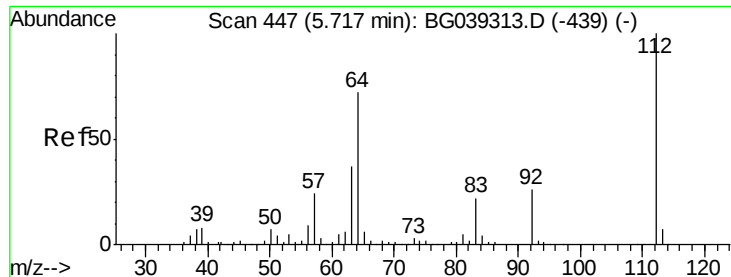
74 121.8 83.6 125.4

44 10.0 6.9 10.3



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





#5

2-Fluorophenol

Concen: 145.987 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039645.D

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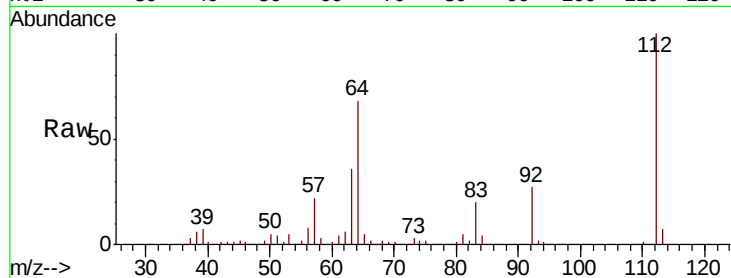
Tgt Ion: 112 Resp: 463258

Ion Ratio Lower Upper

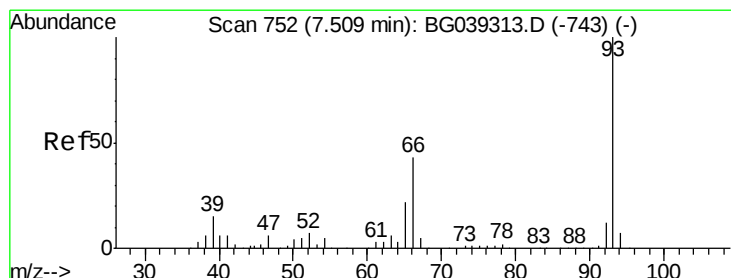
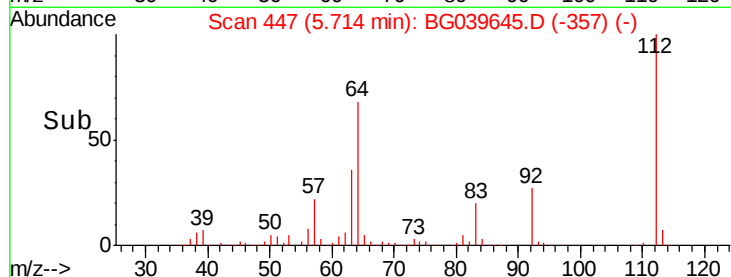
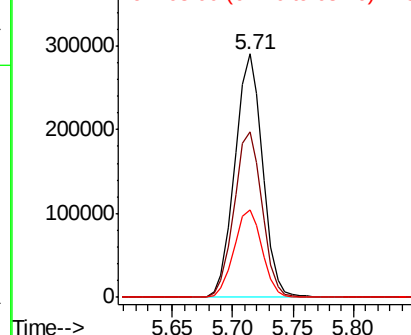
112 100

64 68.0 57.8 86.8

63 35.9 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.853 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

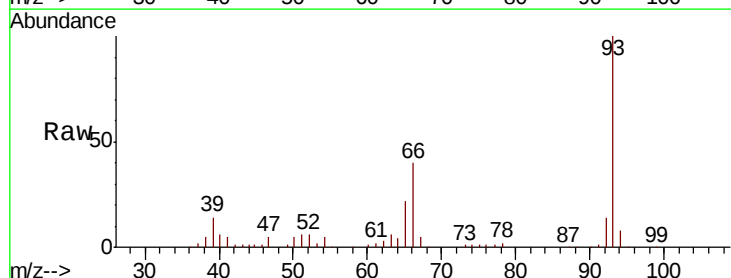
Tgt Ion: 93 Resp: 180514

Ion Ratio Lower Upper

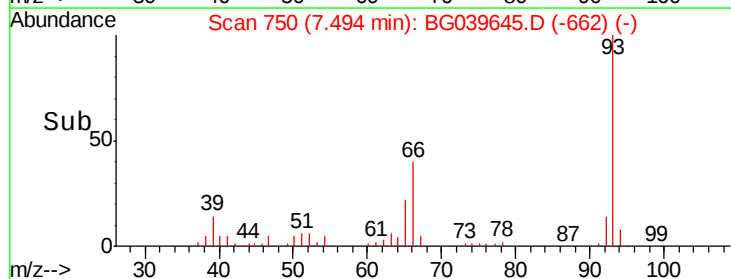
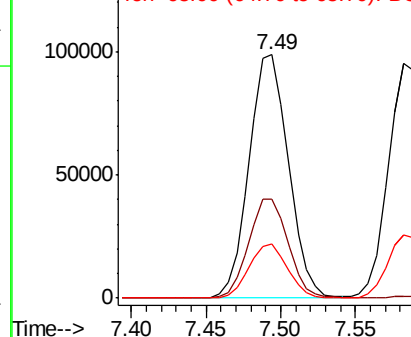
93 100

66 40.5 34.2 51.4

65 22.2 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.513 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039645.D

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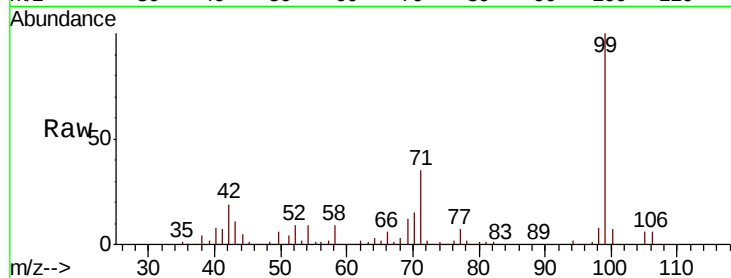
Tgt Ion: 99 Resp: 656333

Ion Ratio Lower Upper

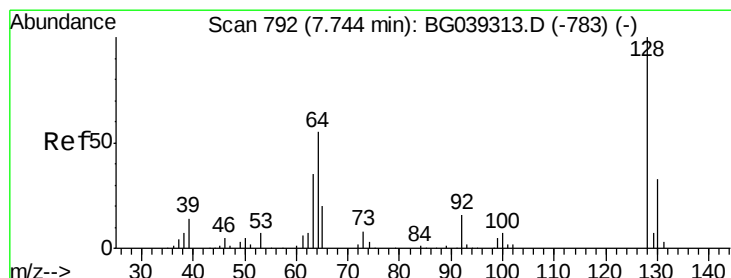
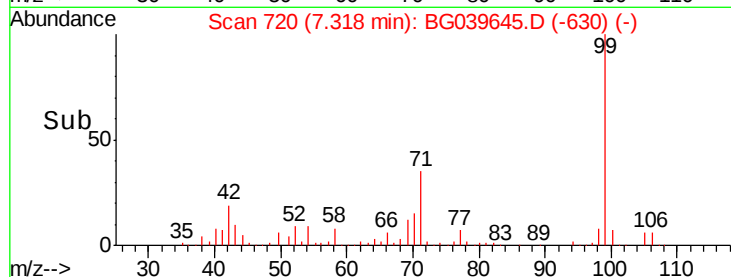
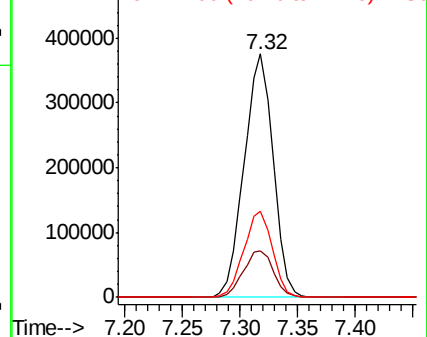
99 100

42 19.2 18.2 27.2

71 35.3 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: 46.391 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

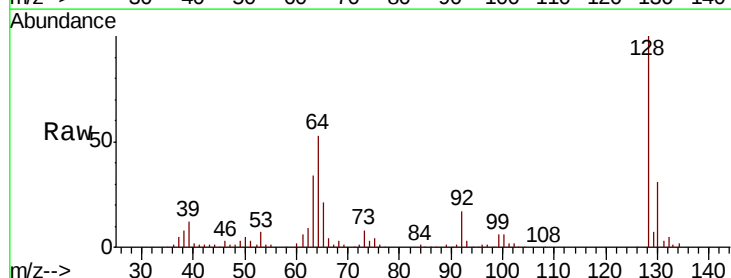
Tgt Ion: 128 Resp: 160915

Ion Ratio Lower Upper

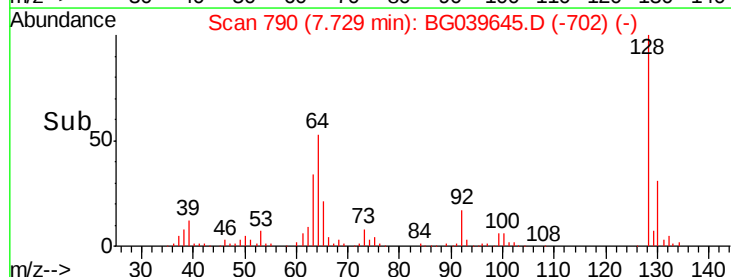
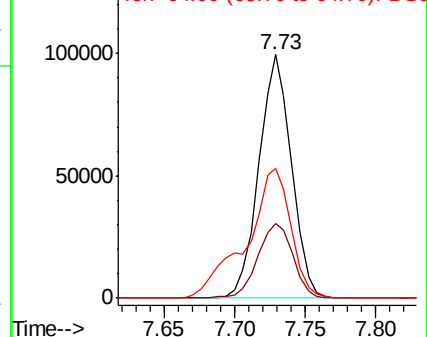
128 100

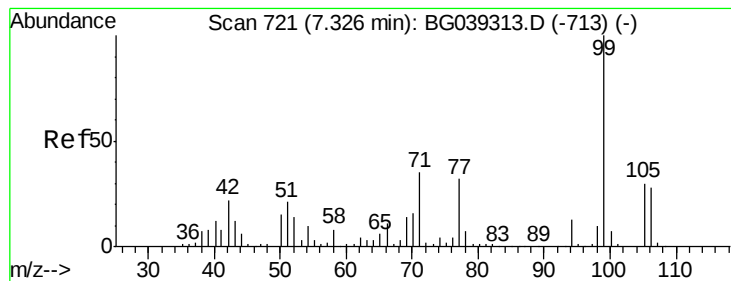
130 30.8 12.9 52.9

64 53.4 38.7 78.7



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





#9

Benzaldehyde

Concen: 27.512 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039645.D

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PB117445BS

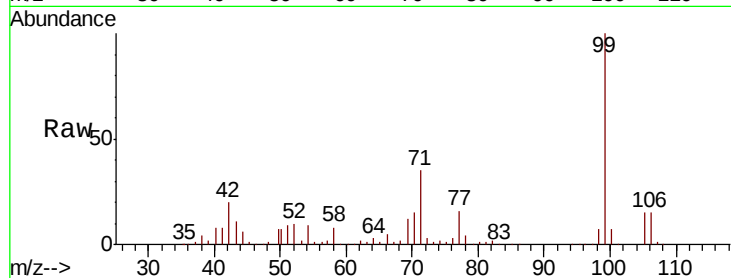
Tgt Ion: 77 Resp: 70379

Ion Ratio Lower Upper

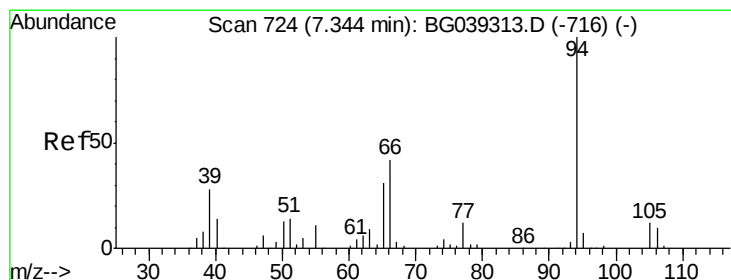
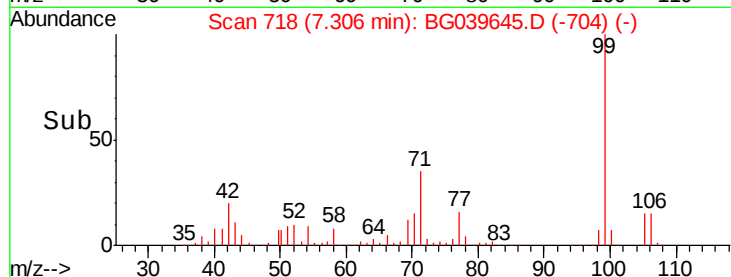
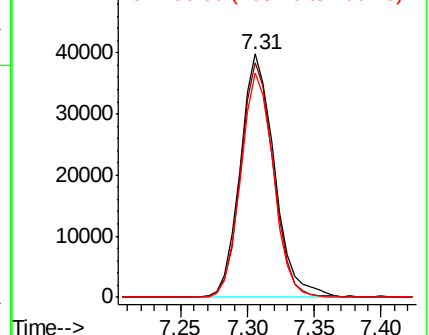
77 100

105 96.4 74.5 114.5

106 91.9 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: 46.079 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

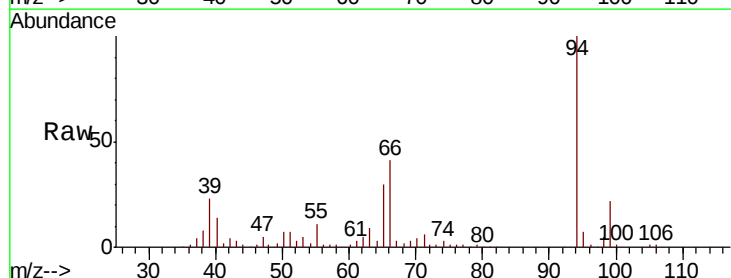
Tgt Ion: 94 Resp: 224363

Ion Ratio Lower Upper

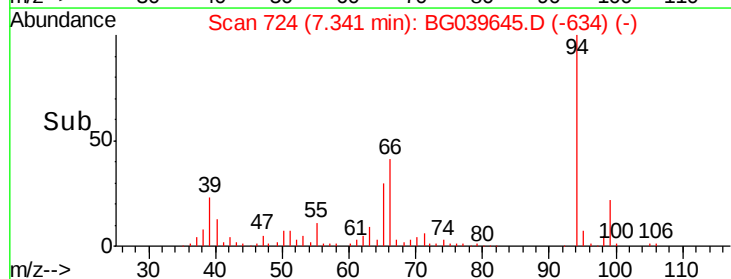
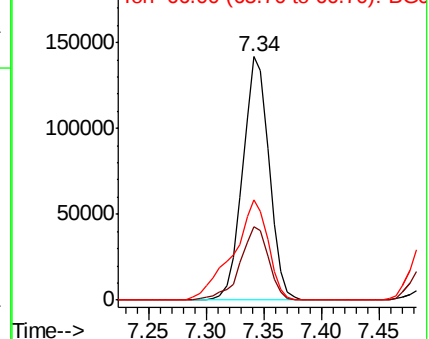
94 100

65 30.1 11.7 51.7

66 41.3 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.467 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

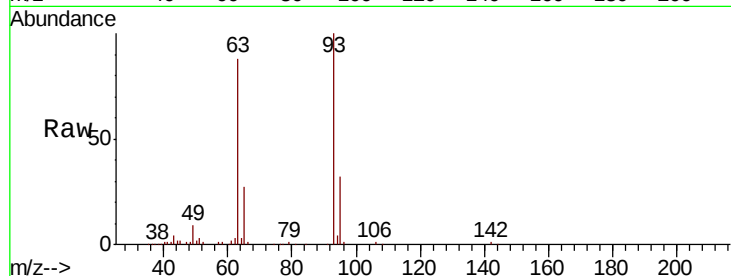
Tgt Ion: 93 Resp: 155698

Ion Ratio Lower Upper

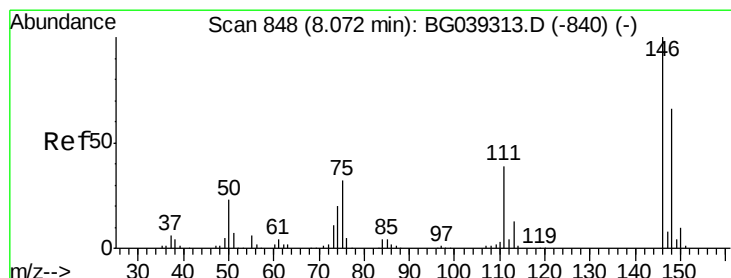
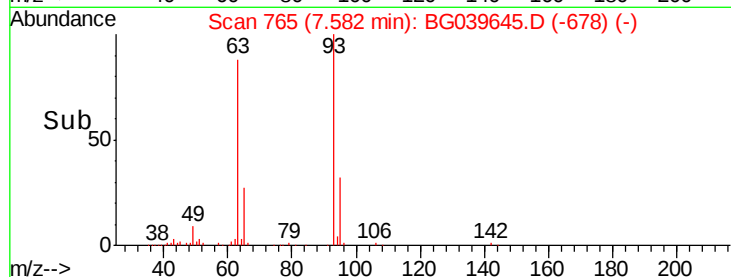
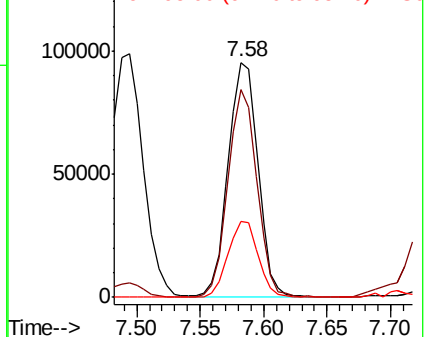
93 100

63 88.5 69.5 109.5

95 32.3 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.413 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

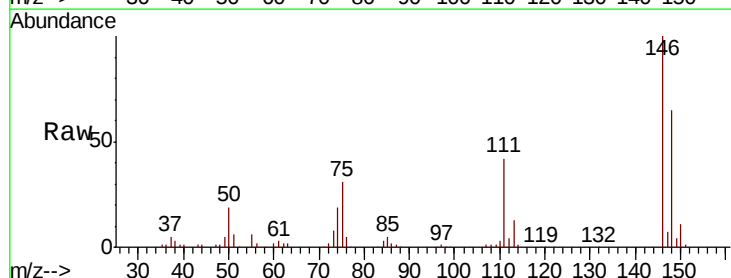
Tgt Ion: 146 Resp: 169819

Ion Ratio Lower Upper

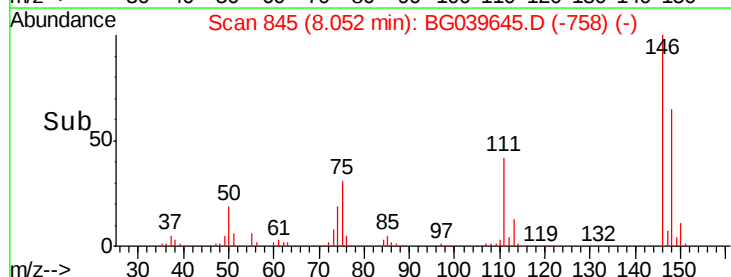
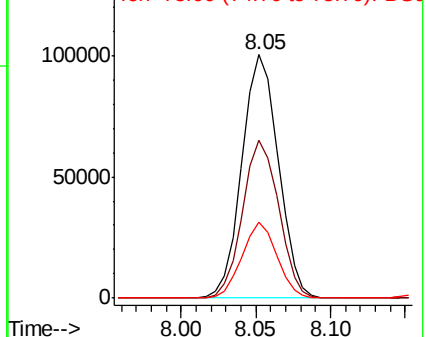
146 100

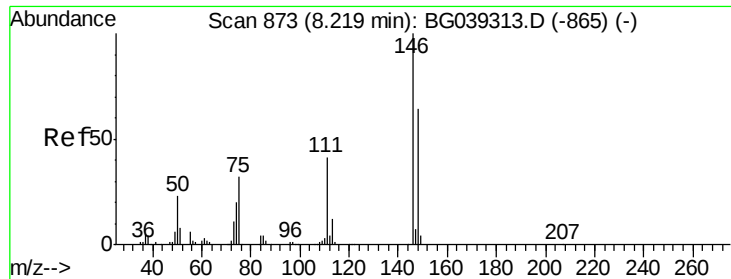
148 64.9 52.6 79.0

75 31.3 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

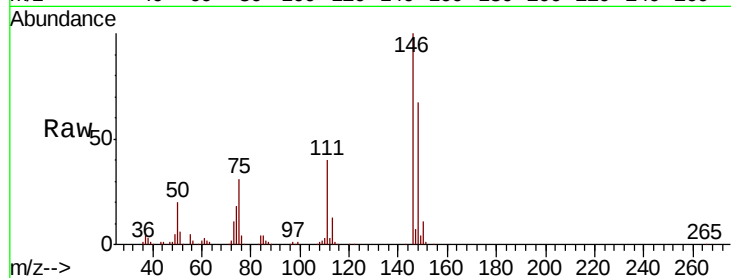




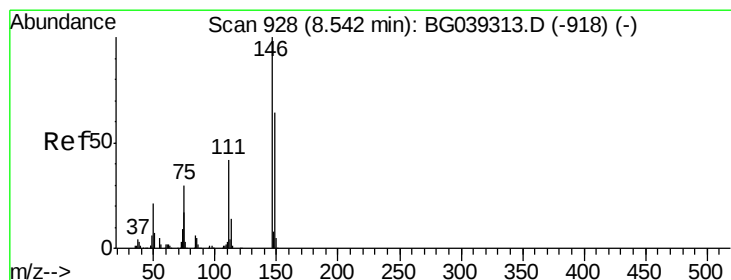
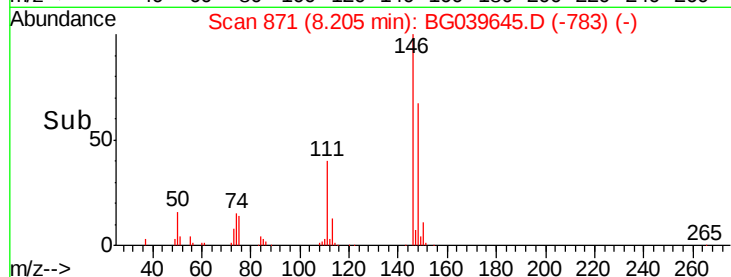
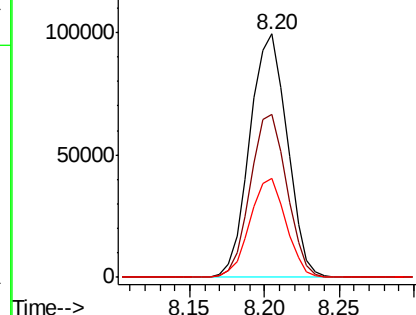
#13
 1,4-Dichlorobenzene
 Concen: 41.053 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

Tgt Ion:146 Resp: 171941
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.1 76.7
 111 40.4 32.6 48.8

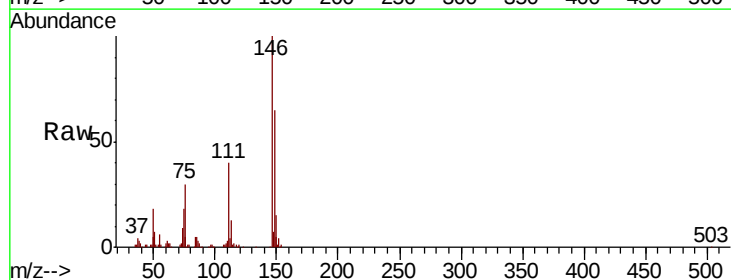


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

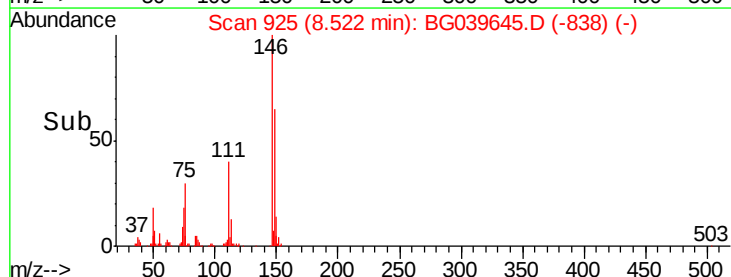
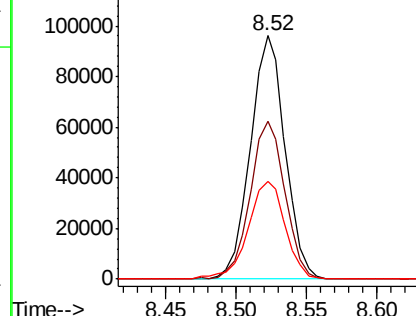


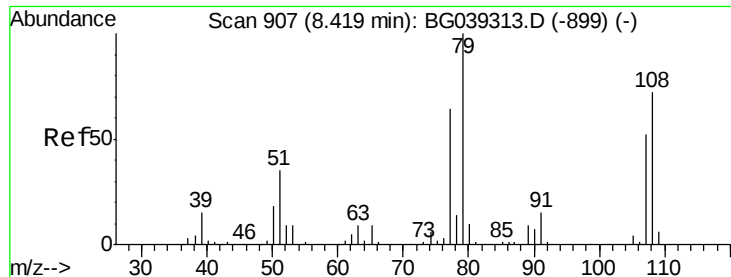
#14
 1,2-Dichlorobenzene
 Concen: 40.700 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion:146 Resp: 165022
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.5 77.3
 111 40.0 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: 41.208 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

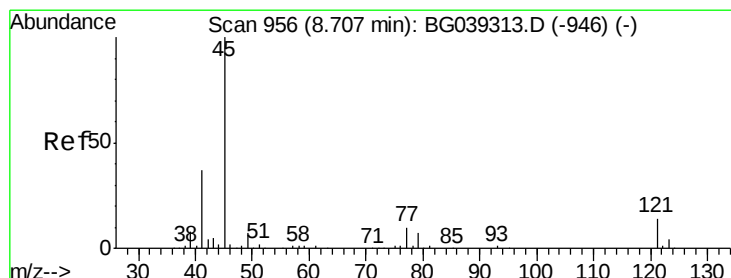
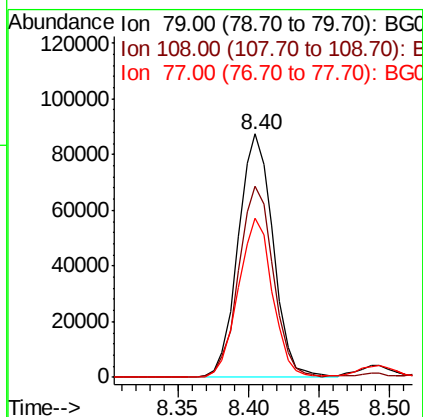
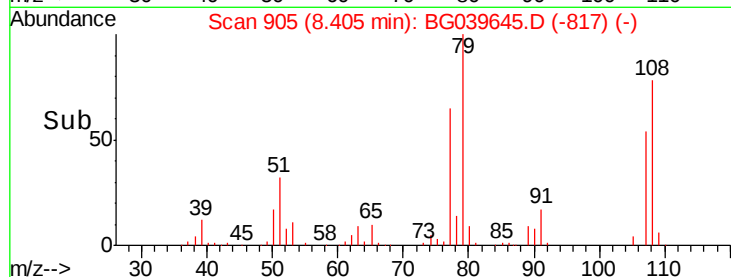
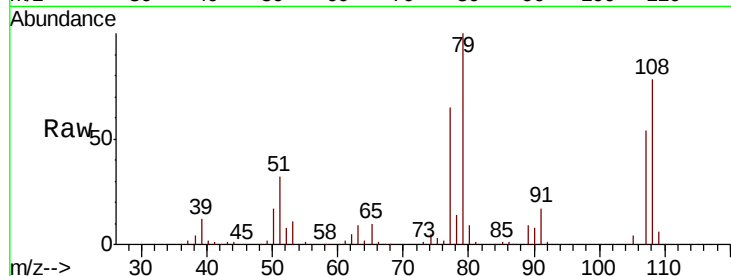
Tgt Ion: 79 Resp: 151115

Ion Ratio Lower Upper

79 100

108 78.4 57.8 86.6

77 65.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.640 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.03 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

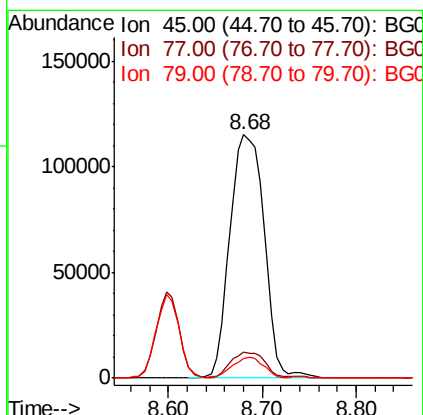
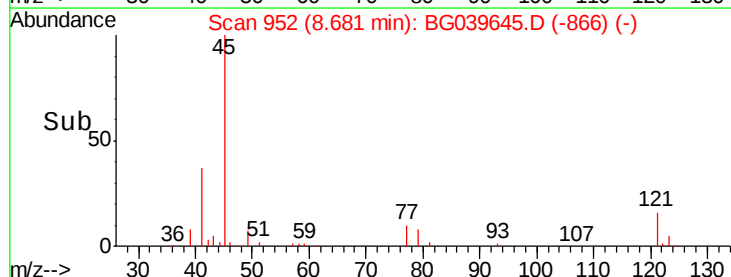
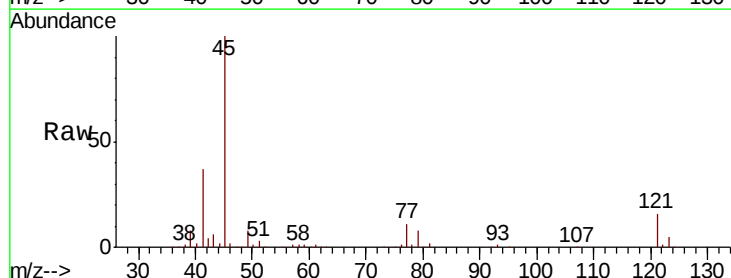
Tgt Ion: 45 Resp: 292287

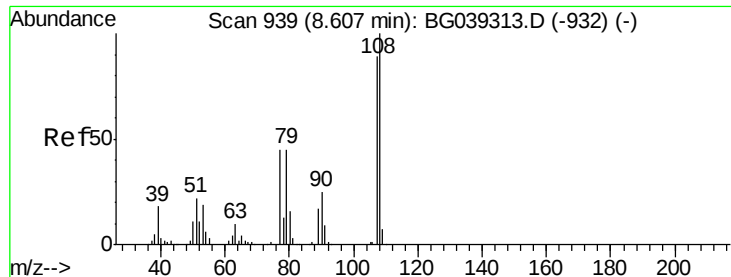
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.0

79 8.1 0.0 27.5

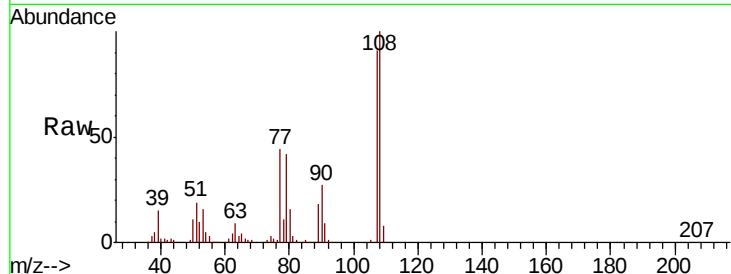




#17
2-Methylphenol
Concen: 46.141 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Instrument :
BNA_G
ClientSampleId :
PB117445BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.9	90.8	136.2
77	48.3	40.7	61.1
79	46.4	40.6	60.8



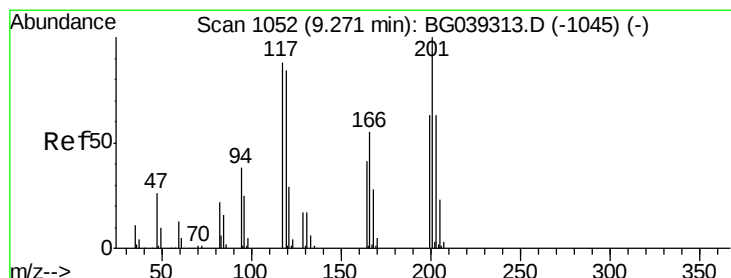
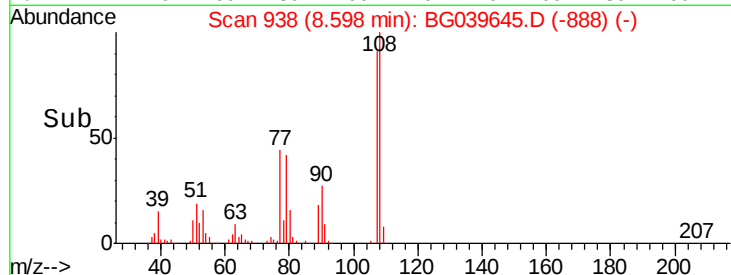
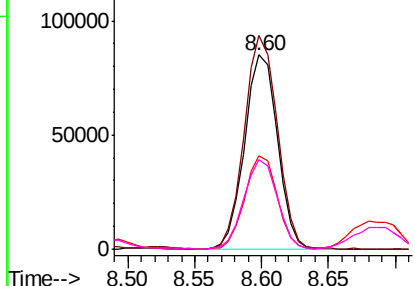
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

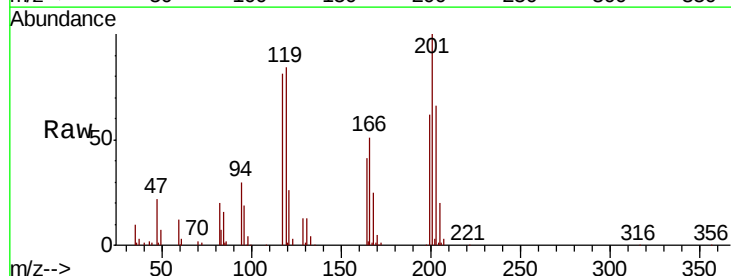
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.917 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.3	76.3	114.5
201	122.9	91.1	136.7

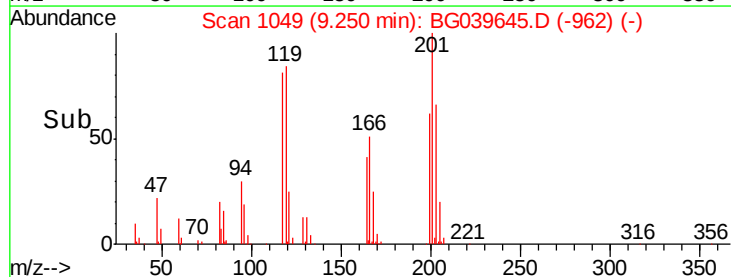
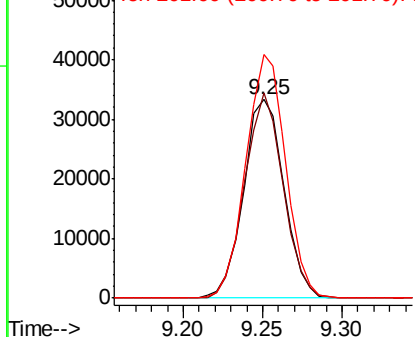


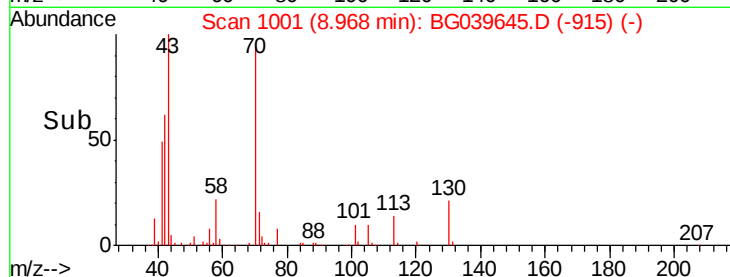
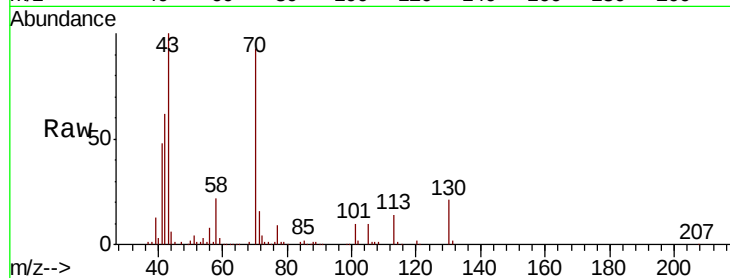
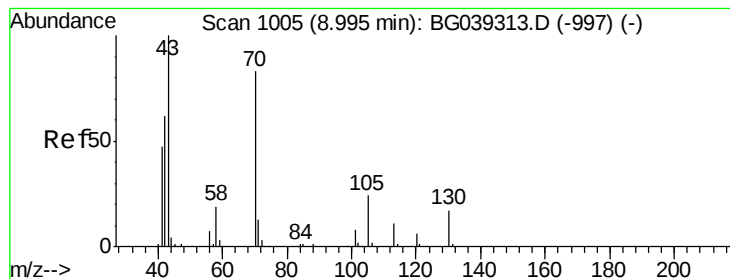
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.469 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

Tgt Ion: 70 Resp: 124219

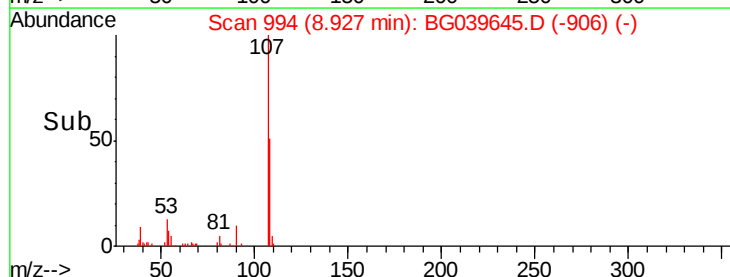
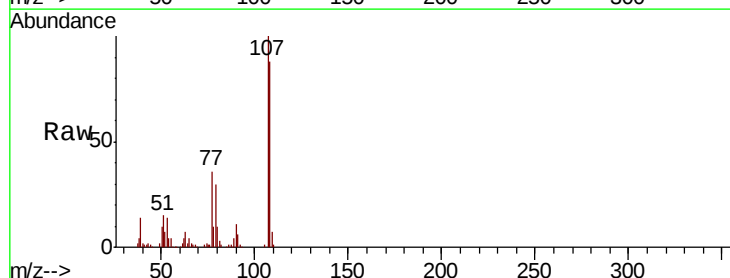
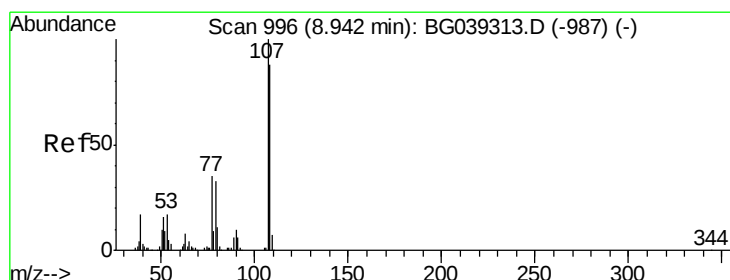
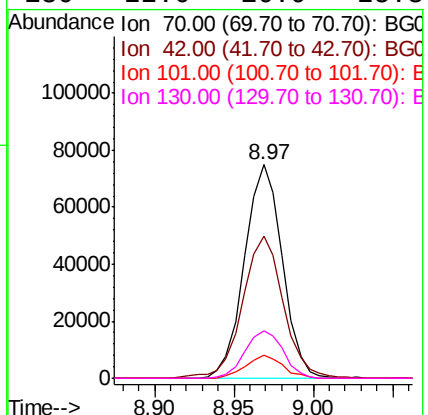
Ion Ratio Lower Upper

70 100

42 66.6 60.4 90.6

101 10.9 7.5 11.3

130 22.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.101 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Tgt Ion: 107 Resp: 195696

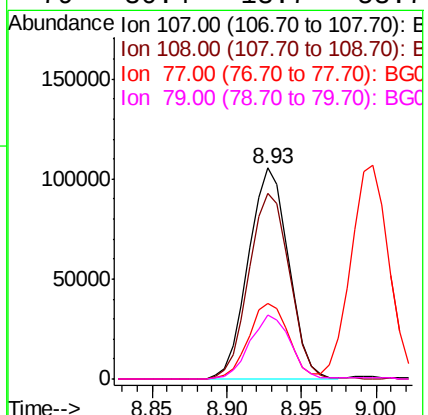
Ion Ratio Lower Upper

107 100

108 88.0 67.9 107.9

77 35.9 15.4 55.4

79 30.4 13.7 53.7

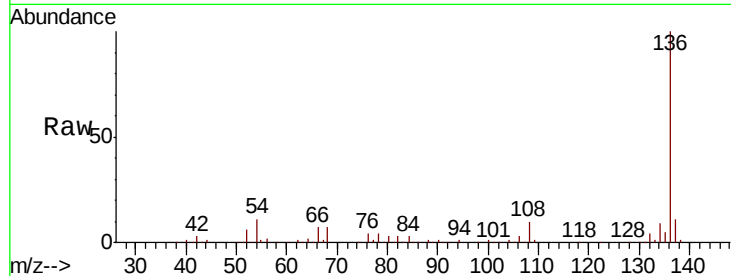




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Instrument :
BNA_G
ClientSampleId :
PB117445BS

Tgt Ion:	136	Resp:	237230
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.7	9.4	14.2
68	6.6	4.2	6.4#



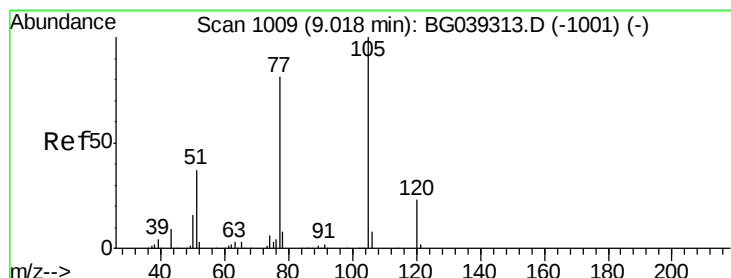
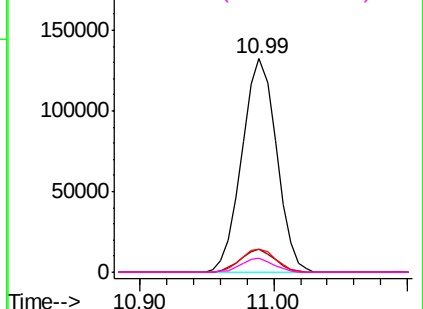
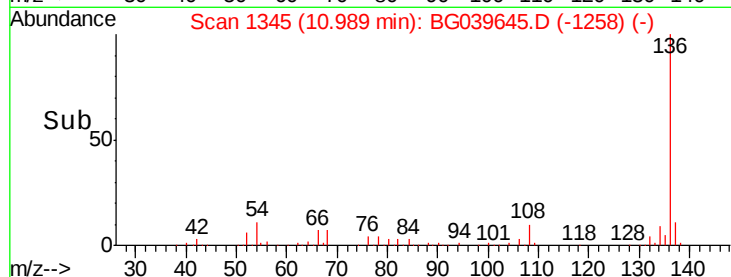
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

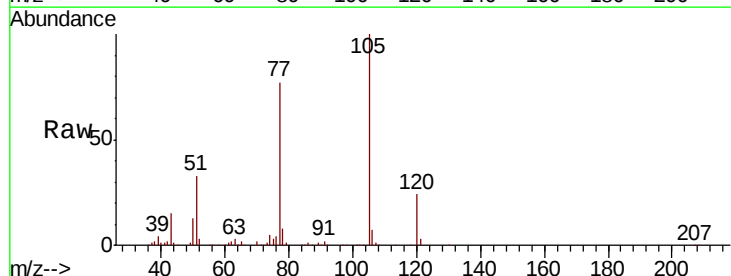
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.691 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion:	105	Resp:	240182
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.8	1.2#
51	32.9	30.2	45.2
120	24.4	18.0	27.0



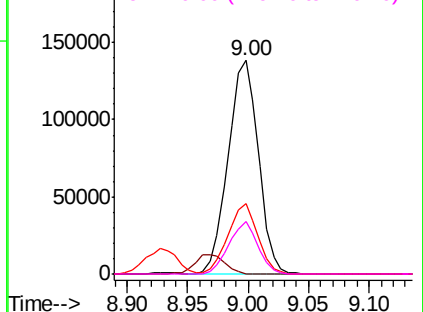
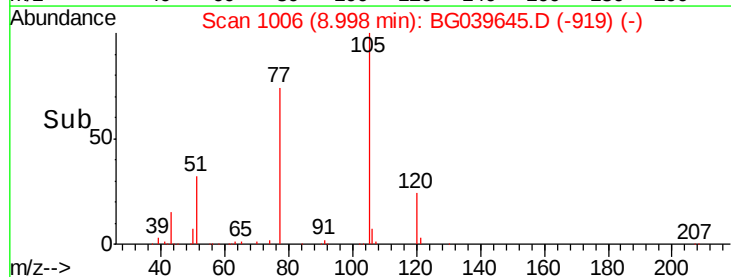
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

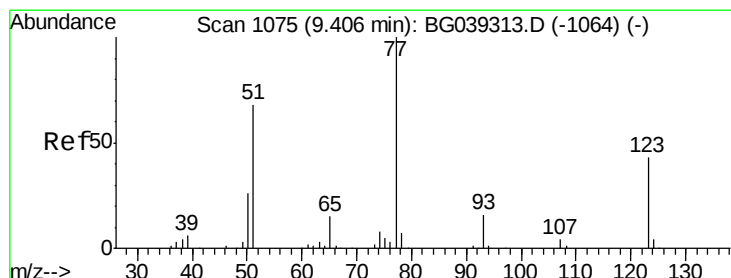
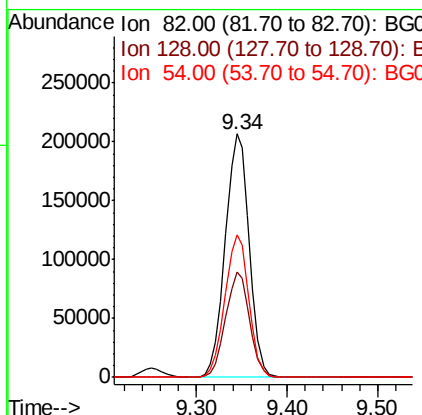
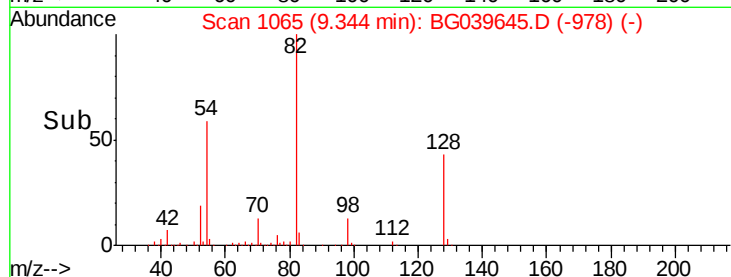
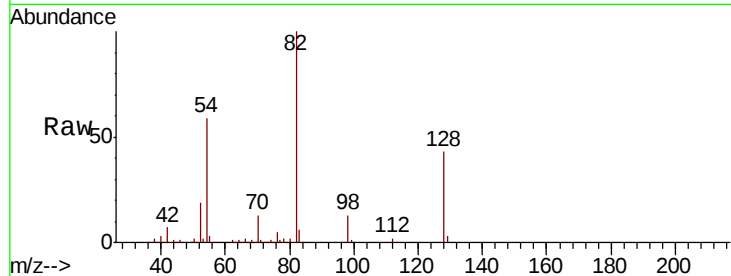




#23
Nitrobenzene-d5
Concen: 99.483 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

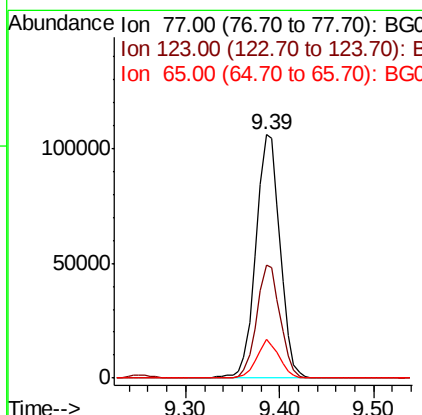
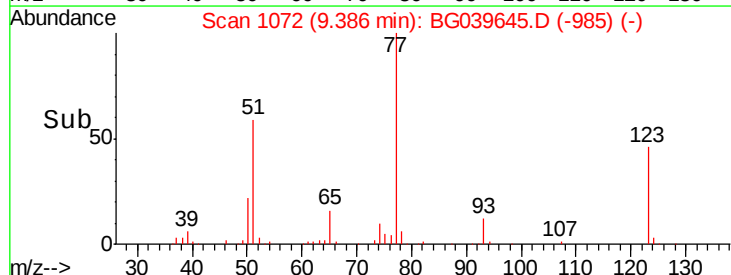
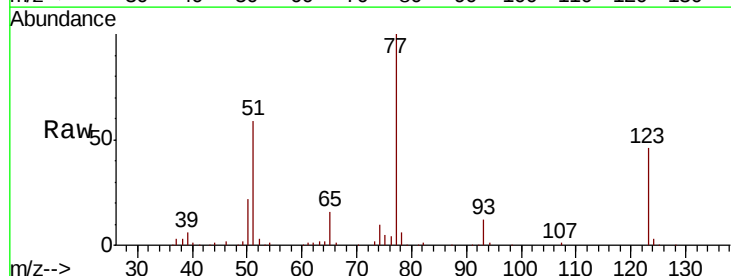
Instrument :
BNA_G
ClientSampleId :
PB117445BS

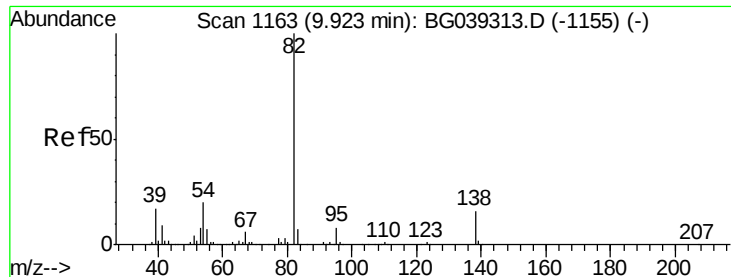
Tgt Ion: 82 Resp: 377776
Ion Ratio Lower Upper
82 100
128 43.2 31.3 46.9
54 58.8 50.9 76.3



#24
Nitrobenzene
Concen: 45.866 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion: 77 Resp: 188163
Ion Ratio Lower Upper
77 100
123 46.2 34.1 51.1
65 15.9 12.3 18.5

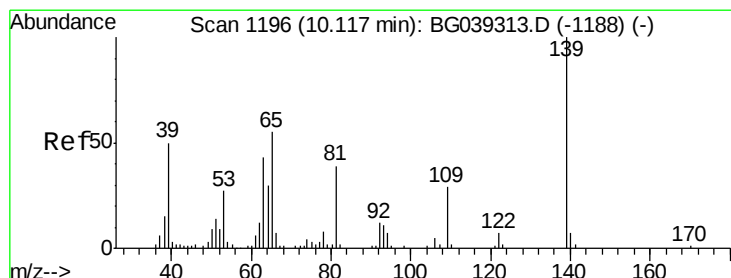
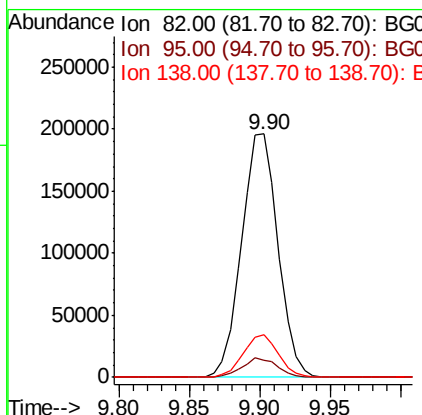
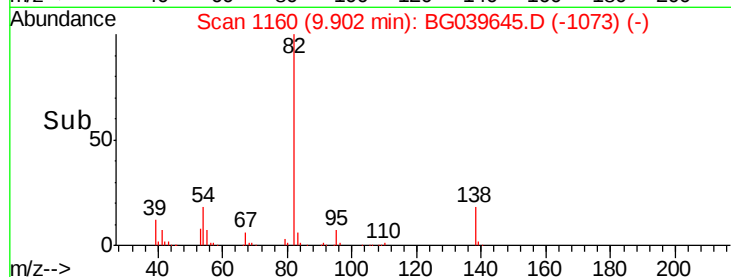
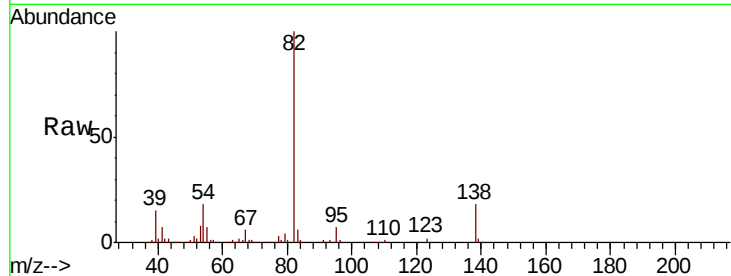




#25
Isophorone
Concen: 42.216 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

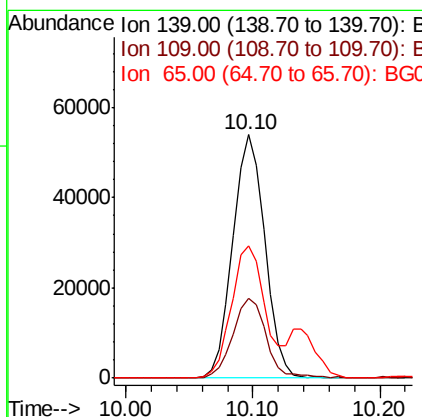
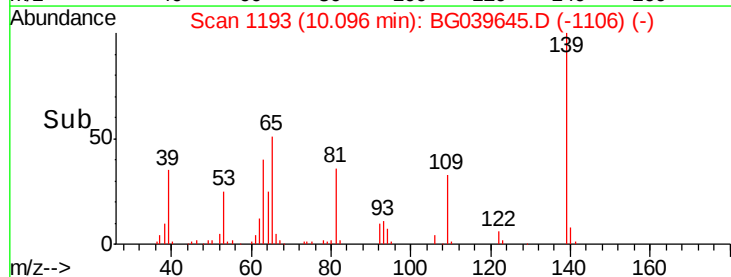
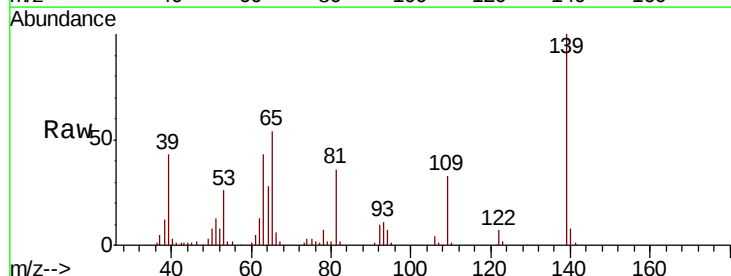
Instrument :
BNA_G
ClientSampleId :
PB117445BS

Tgt Ion: 82 Resp: 355245
Ion Ratio Lower Upper
82 100
95 7.1 6.2 9.2
138 17.6 13.0 19.4



#26
2-Nitrophenol
Concen: 55.919 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion: 139 Resp: 94703
Ion Ratio Lower Upper
139 100
109 32.8 23.4 35.0
65 54.1 44.3 66.5

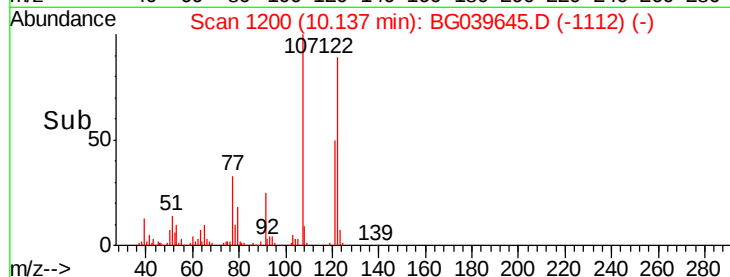
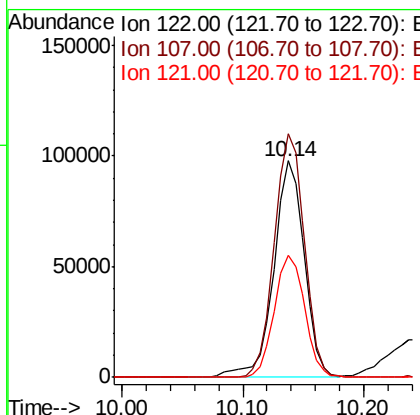
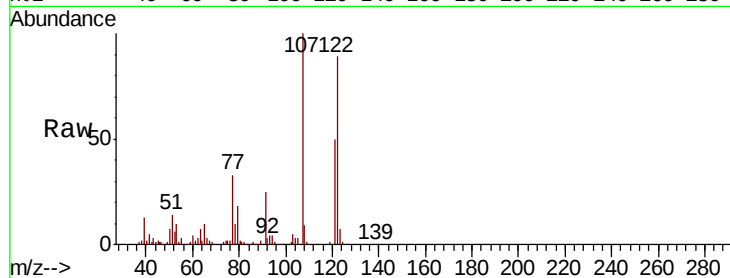




#27
2,4-Dimethylphenol
Concen: 49.925 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

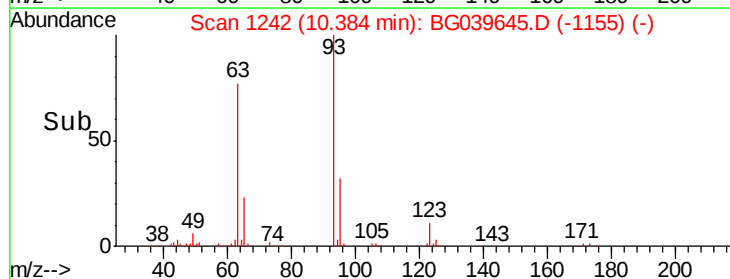
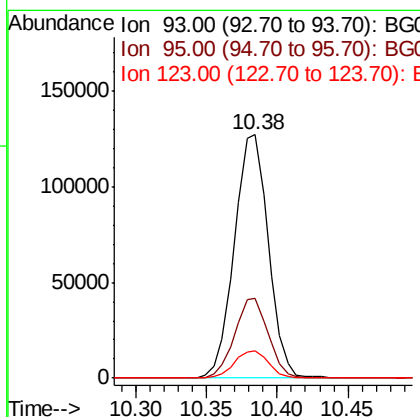
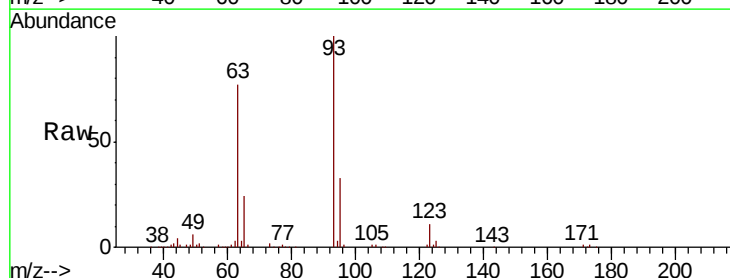
Instrument :
BNA_G
ClientSampled :
PB117445BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.7	137.5
121	56.3	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.376 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.0	37.4
123	11.1	8.6	12.8

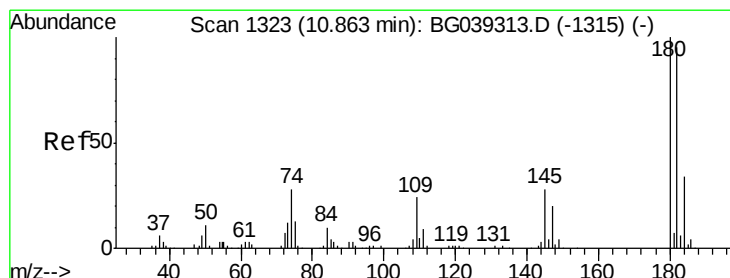
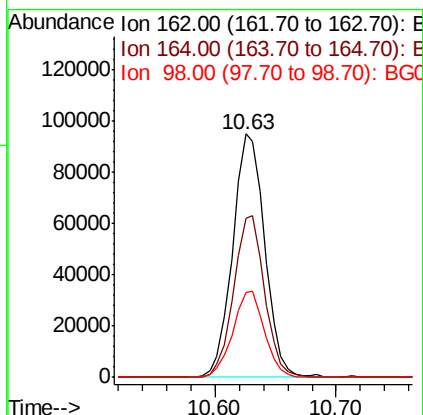
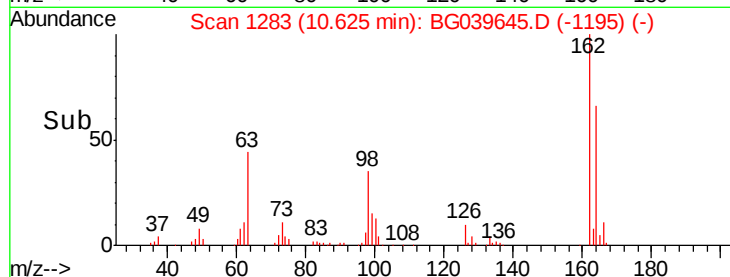
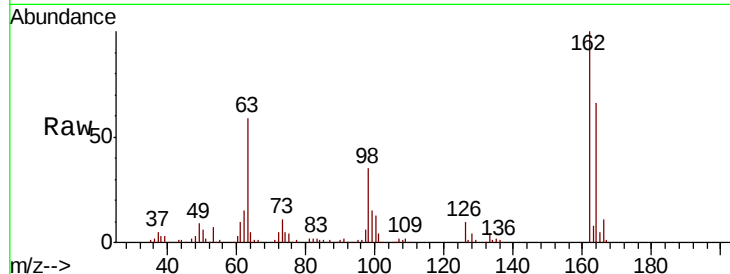




#29
2,4-Dichlorophenol
Concen: 47.128 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

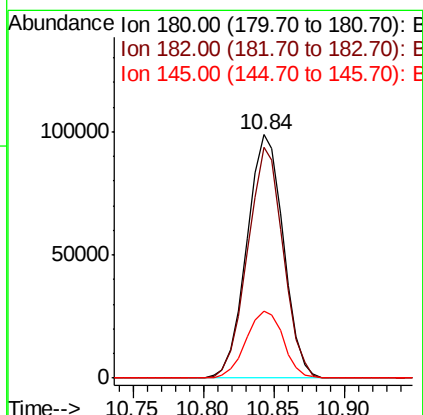
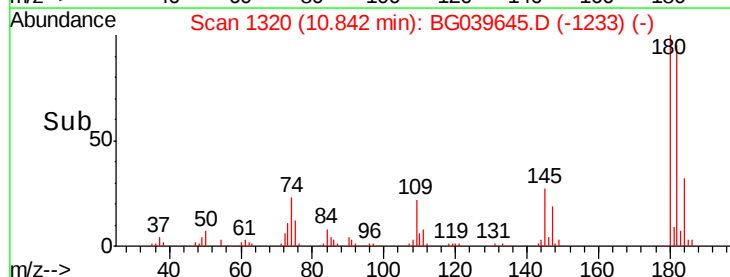
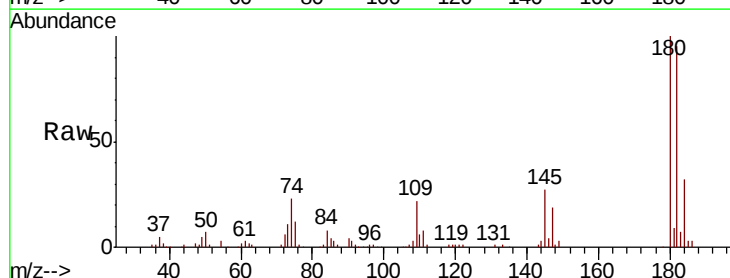
Instrument :
BNA_G
ClientSampleId :
PB117445BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	48.1	88.1
98	35.1	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 42.541 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.0	114.0
145	27.4	22.7	34.1

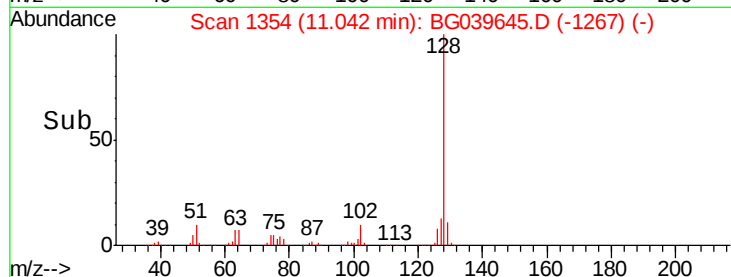
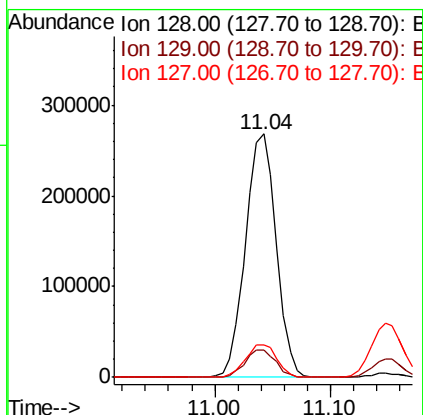
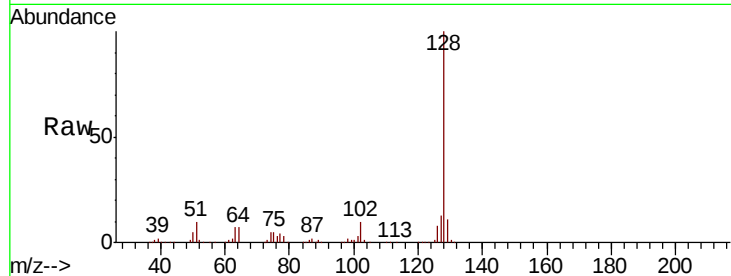




#31
Naphthalene
Concen: 42.240 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

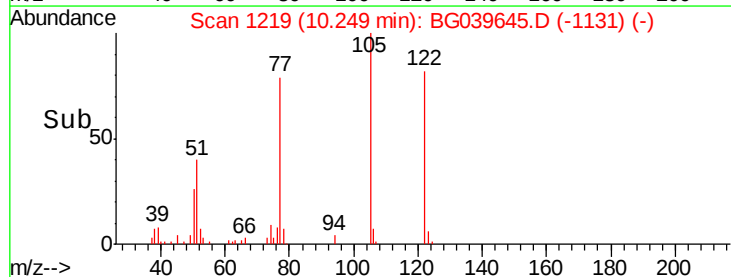
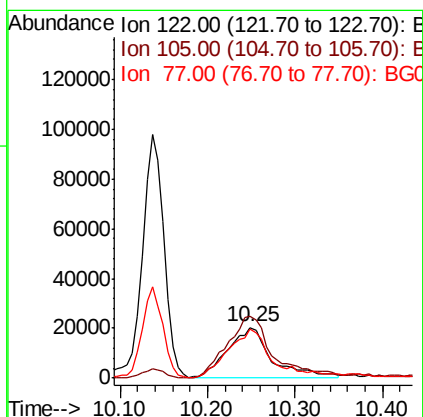
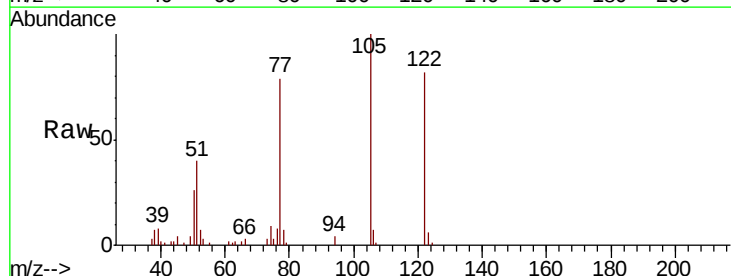
Instrument :
BNA_G
ClientSampleId :
PB117445BS

Tgt Ion:128 Resp: 497116
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 33.628 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion:122 Resp: 67544
Ion Ratio Lower Upper
122 100
105 121.3 101.8 141.8
77 95.8 76.3 116.3

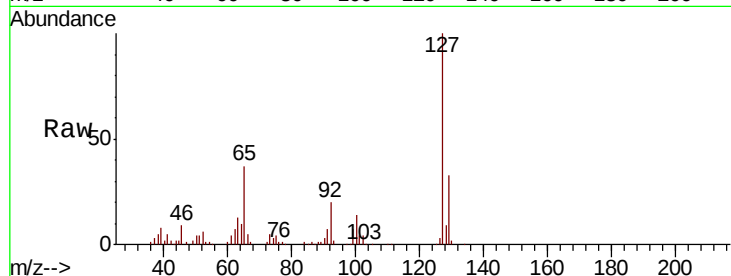




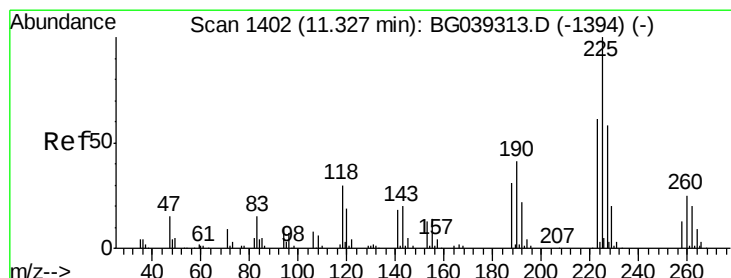
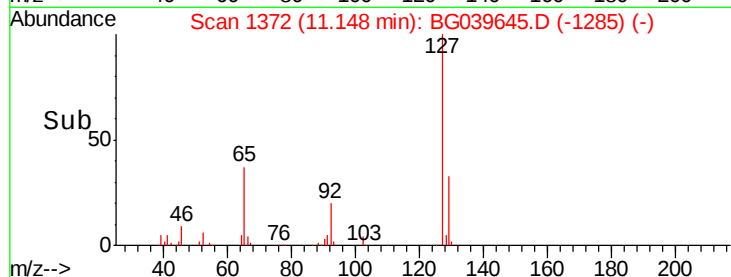
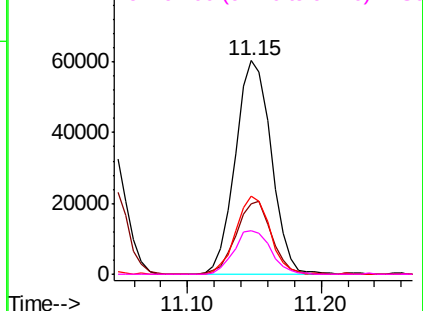
#33
4-Chloroaniline
Concen: 20.588 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Instrument :
BNA_G
ClientSampleId :
PB117445BS

Tgt Ion:	127	Resp:	112346
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.4
65	36.6	28.8	43.2
92	20.2	16.6	25.0

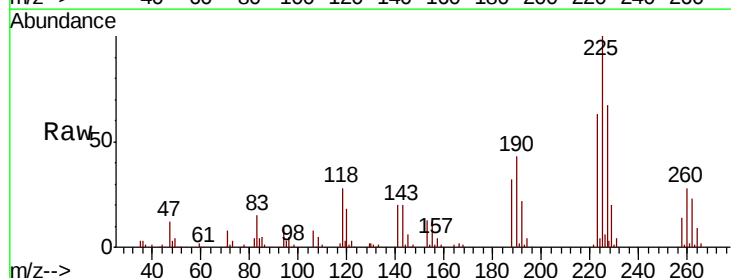


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

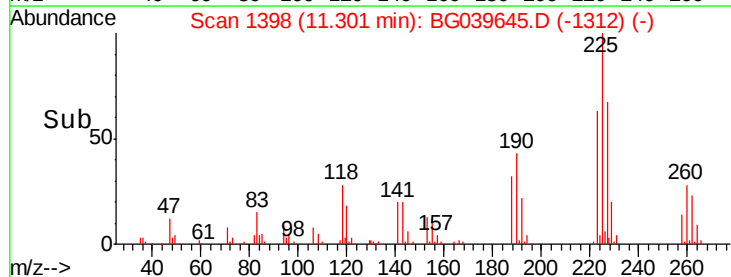
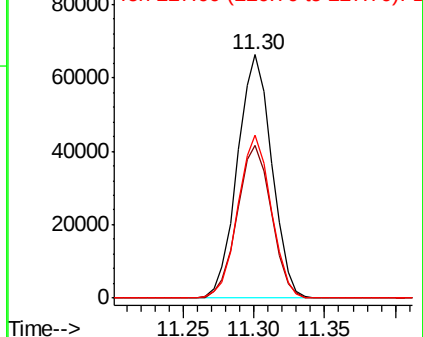


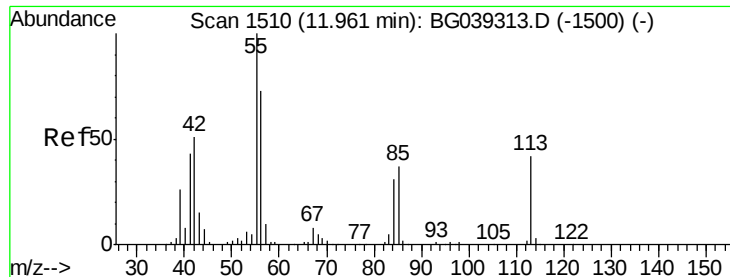
#34
Hexachlorobutadiene
Concen: 40.619 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion:	225	Resp:	112831
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.0	73.6
227	67.0	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: 37.136 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

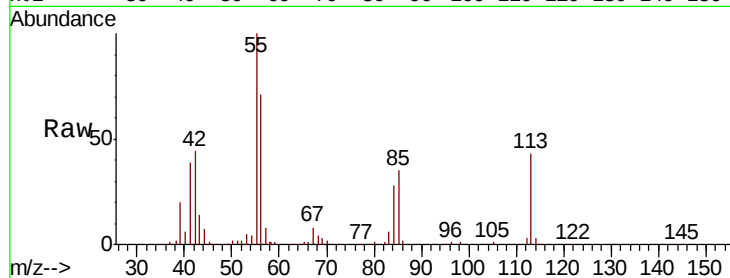
Tgt Ion:113 Resp: 57172

Ion Ratio Lower Upper

113 100

55 231.2 216.9 256.9

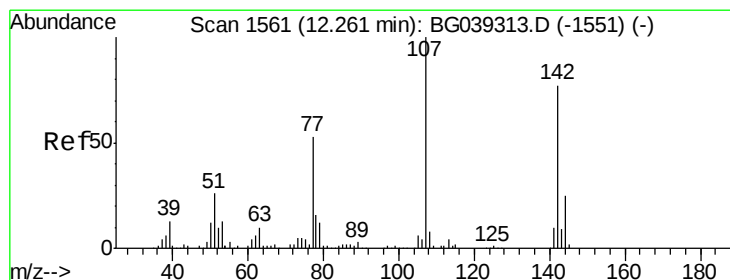
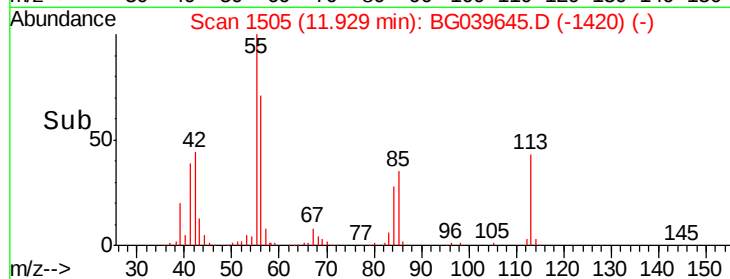
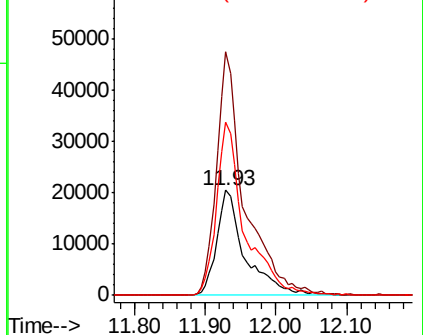
56 164.1 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.577 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

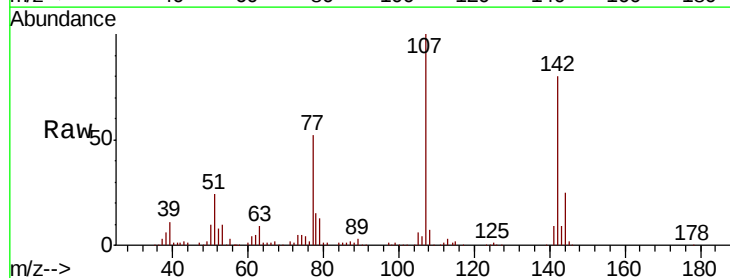
Tgt Ion:107 Resp: 183196

Ion Ratio Lower Upper

107 100

144 24.9 20.2 30.2

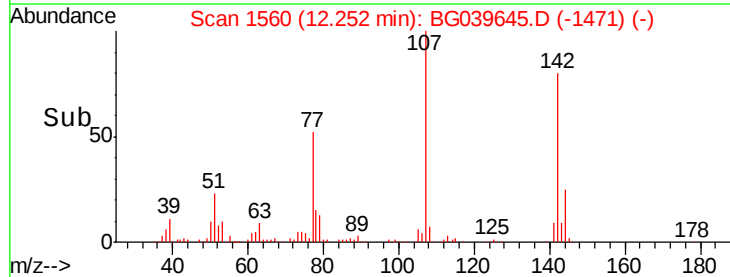
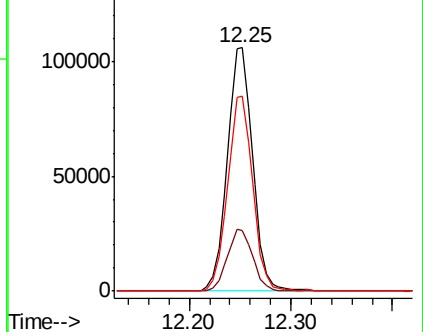
142 80.2 61.4 92.2

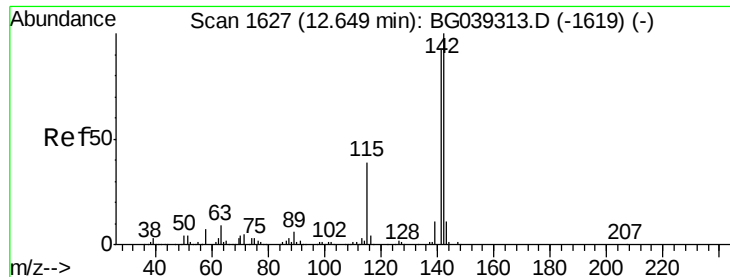


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

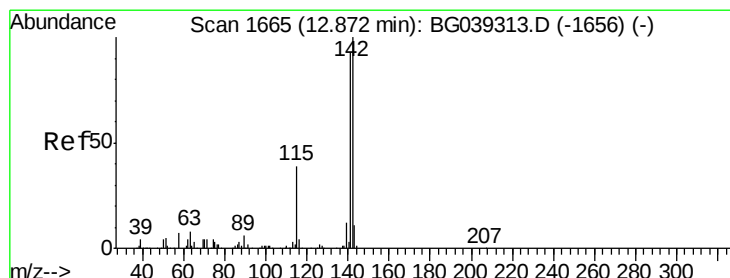
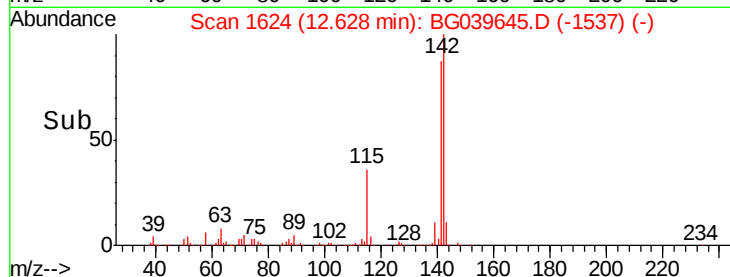
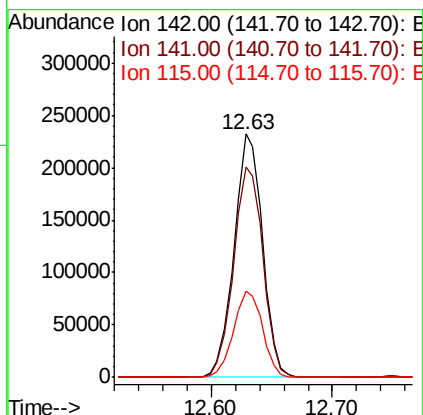
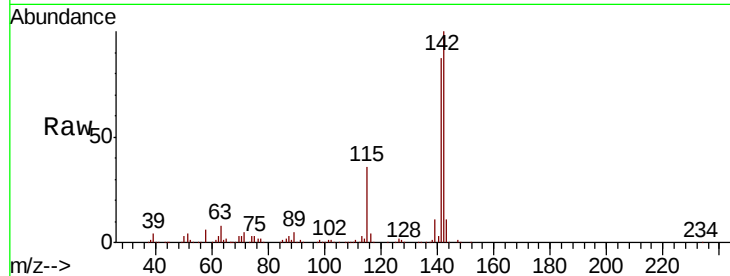




#37
 2-Methylnaphthalene
 Concen: 43.573 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

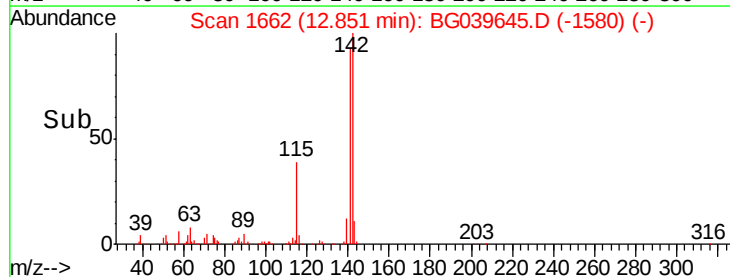
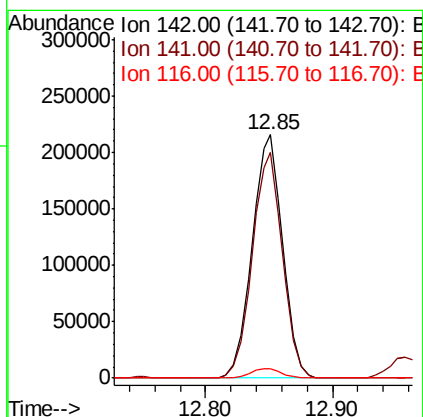
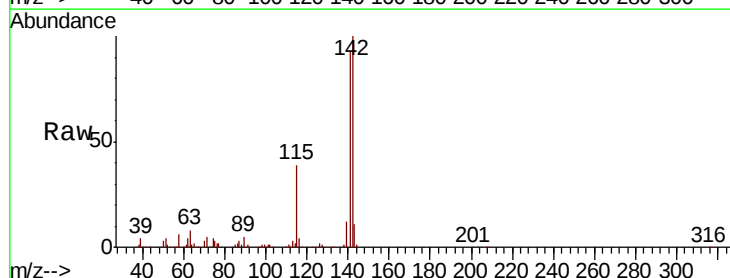
Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

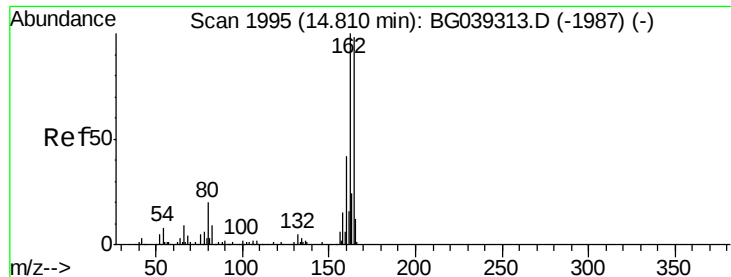
Tgt Ion:142 Resp: 379811
 Ion Ratio Lower Upper
 142 100
 141 86.6 73.5 110.3
 115 35.6 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 42.764 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion:142 Resp: 359318
 Ion Ratio Lower Upper
 142 100
 141 92.8 74.2 111.4
 116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

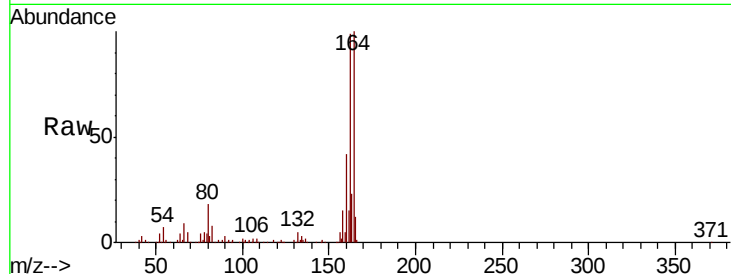
Tgt Ion:164 Resp: 153672

Ion Ratio Lower Upper

164 100

162 99.1 81.6 122.4

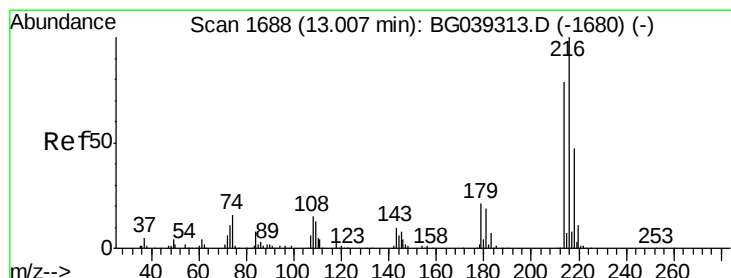
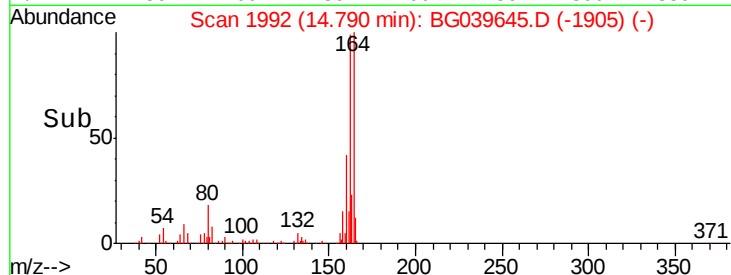
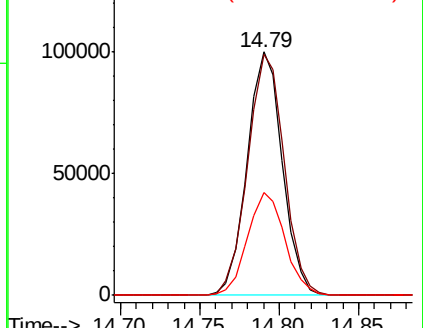
160 42.0 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.605 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Tgt Ion:216 Resp: 208313

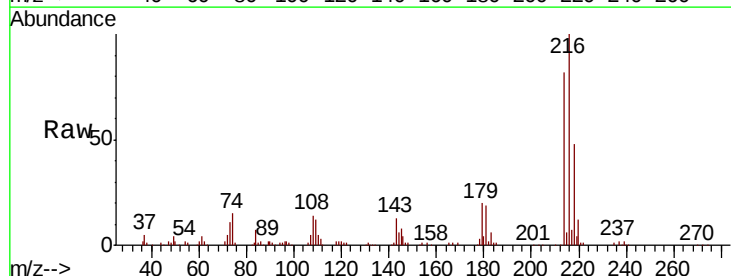
Ion Ratio Lower Upper

216 100

214 80.4 62.6 94.0

179 20.2 16.6 25.0

108 18.0 14.0 21.0

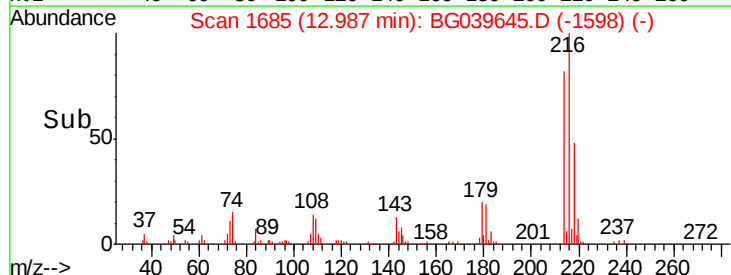
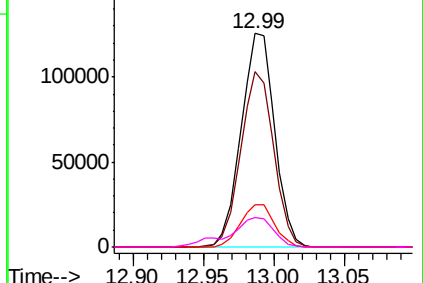


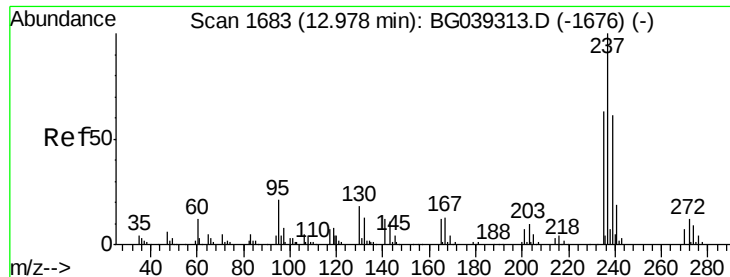
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.196 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

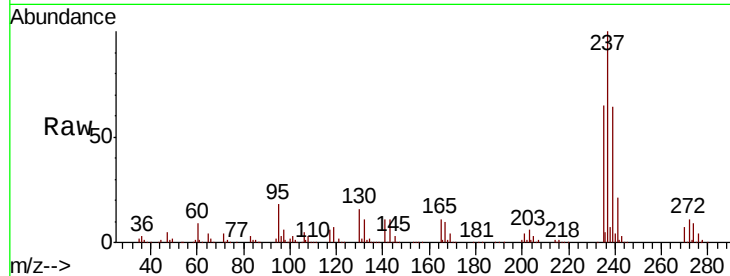
Tgt Ion:237 Resp: 266952

Ion Ratio Lower Upper

237 100

235 64.7 43.3 83.3

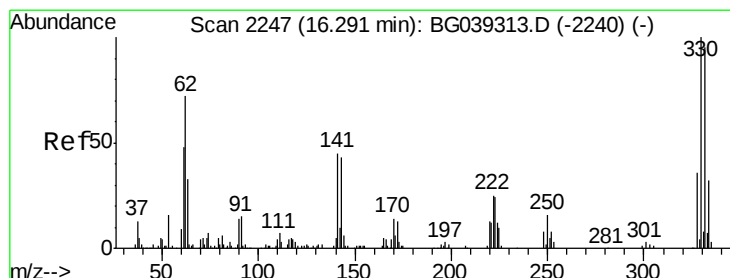
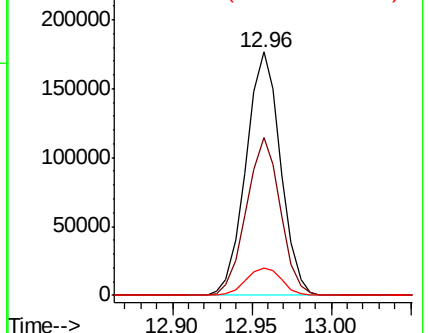
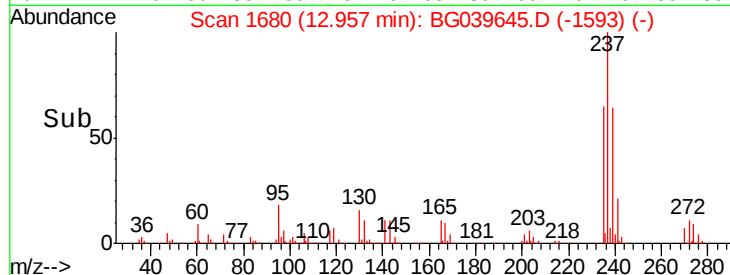
272 11.1 0.0 32.3



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: 141.134 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

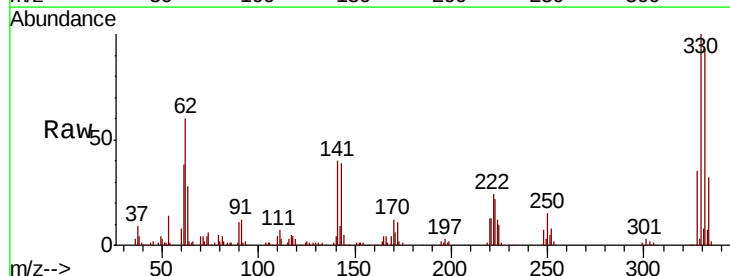
Tgt Ion:330 Resp: 233546

Ion Ratio Lower Upper

330 100

332 94.6 75.7 113.5

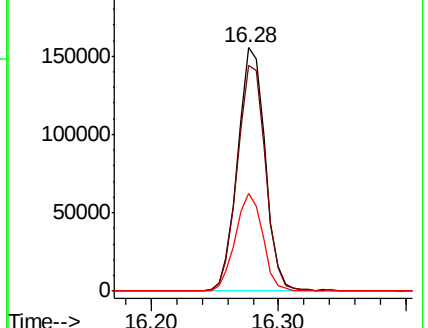
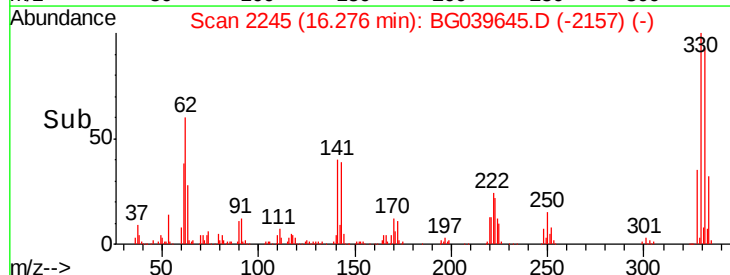
141 40.0 35.6 53.4



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

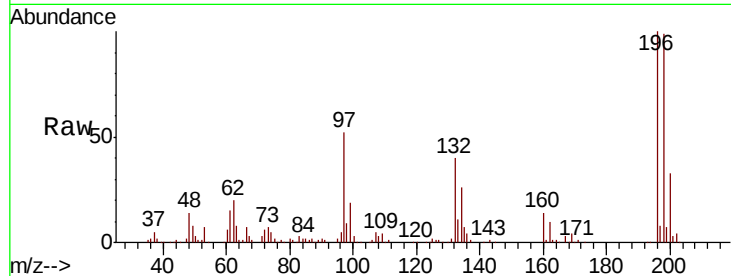




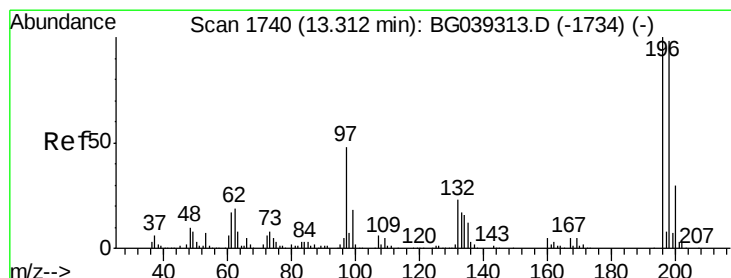
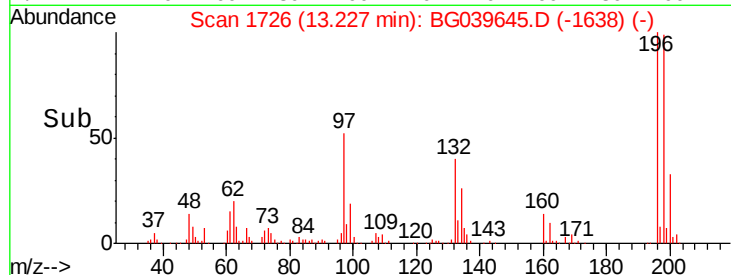
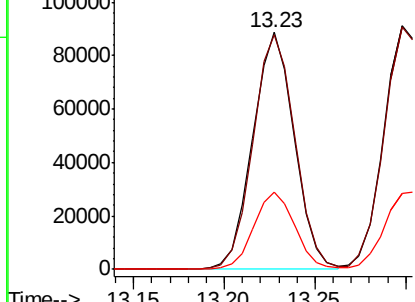
#43
 2,4,6-Trichlorophenol
 Concen: 46.885 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

Tgt Ion:196 Resp: 140947
 Ion Ratio Lower Upper
 196 100
 198 99.4 80.6 121.0
 200 32.7 26.1 39.1



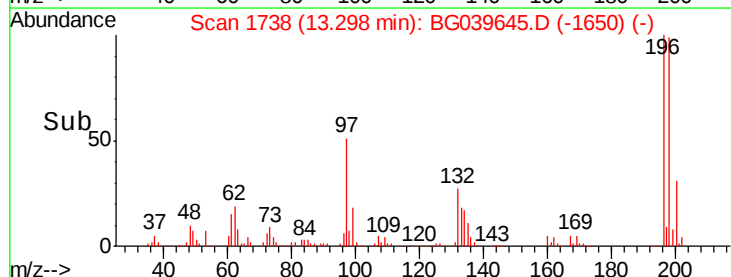
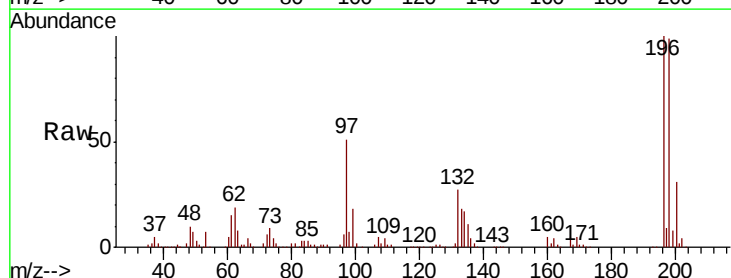
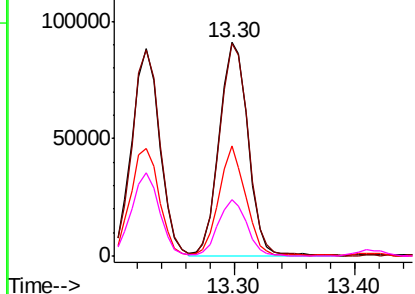
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.649 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion:196 Resp: 150133
 Ion Ratio Lower Upper
 196 100
 198 99.5 78.5 117.7
 97 51.4 38.4 57.6
 132 26.5 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

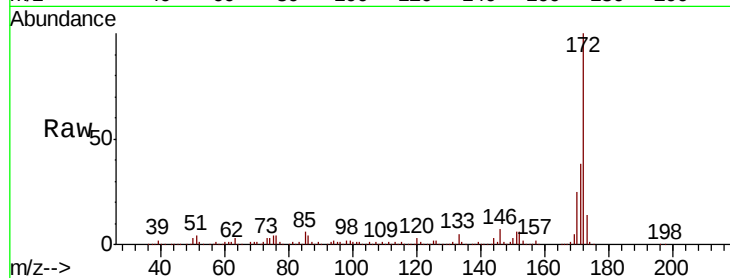




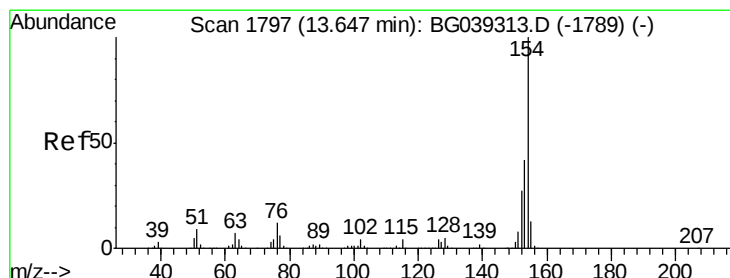
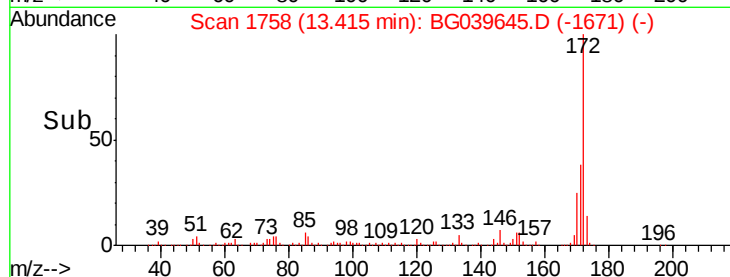
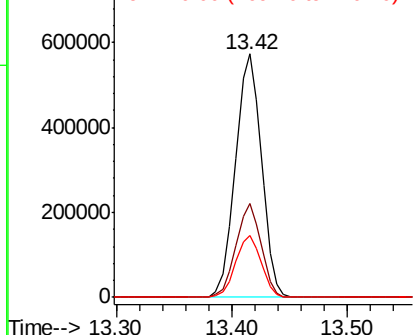
#45
 2-Fluorobiphenyl
 Concen: 83.254 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

Tgt Ion:172 Resp: 891833
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 25.3 20.2 30.4

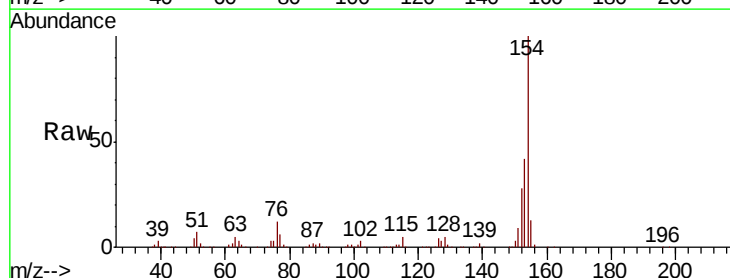


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

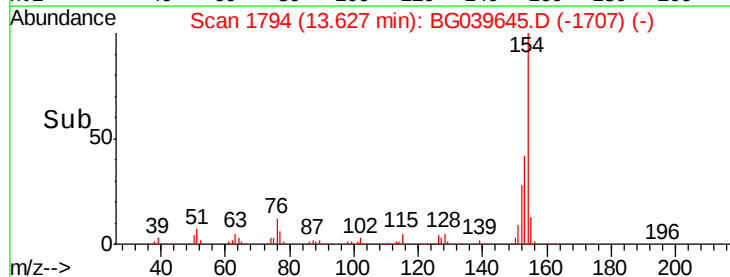
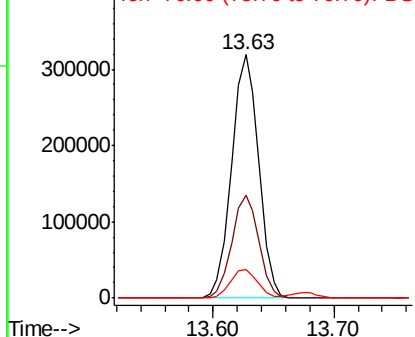


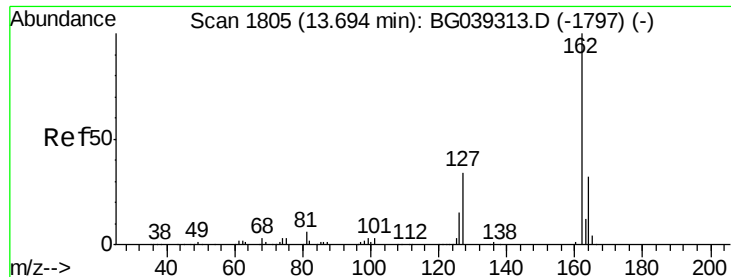
#46
 1,1'-Biphenyl
 Concen: 38.813 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion:154 Resp: 496254
 Ion Ratio Lower Upper
 154 100
 153 42.3 22.1 62.1
 76 12.0 0.0 32.4



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

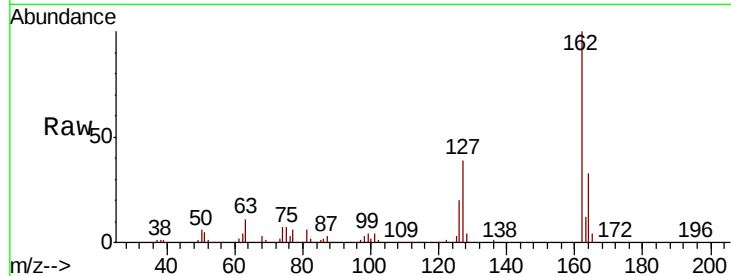




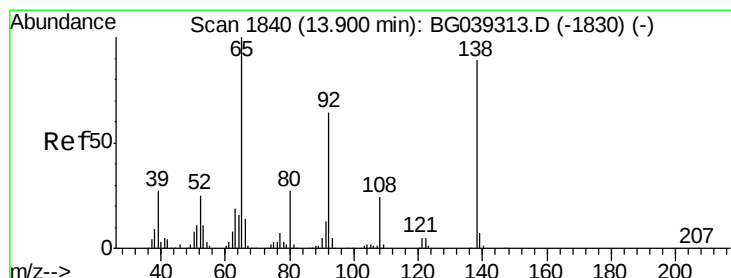
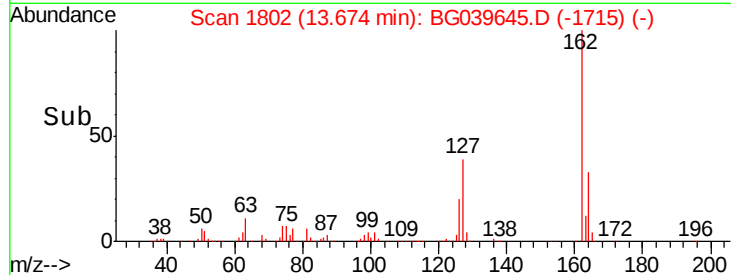
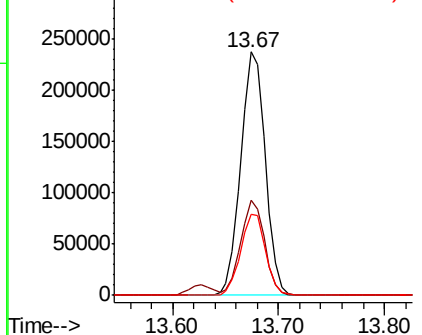
#47
 2-Chloronaphthalene
 Concen: 39.850 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

Tgt Ion: 162 Resp: 383295
 Ion Ratio Lower Upper
 162 100
 127 39.0 31.0 46.6
 164 33.3 25.7 38.5

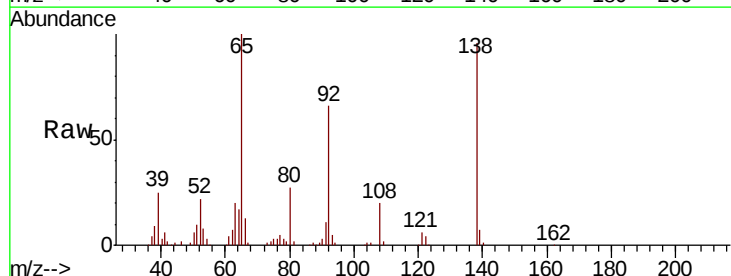


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

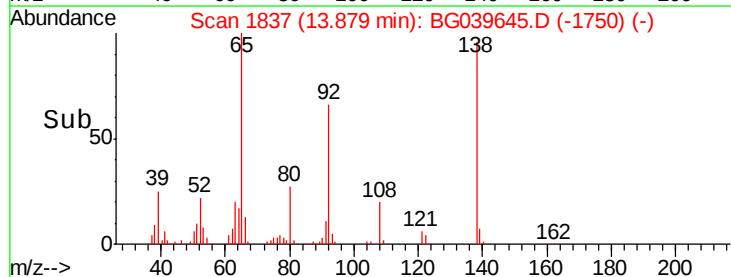
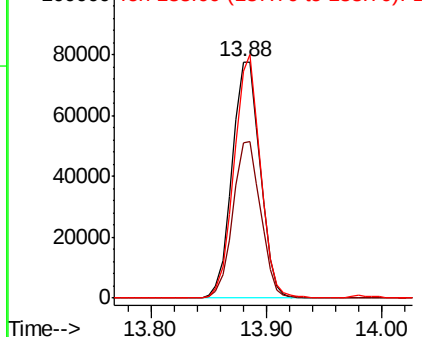


#48
 2-Nitroaniline
 Concen: 47.475 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion: 65 Resp: 130872
 Ion Ratio Lower Upper
 65 100
 92 65.9 51.4 77.2
 138 95.9 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: 42.556 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

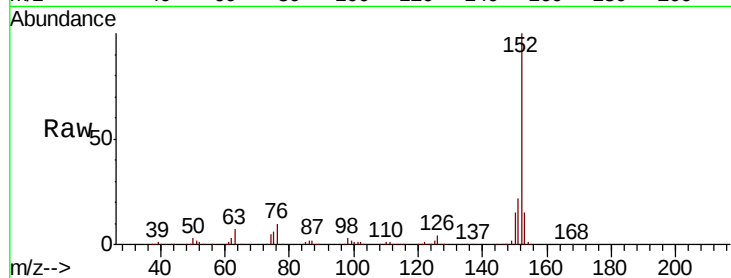
Tgt Ion:152 Resp: 617640

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

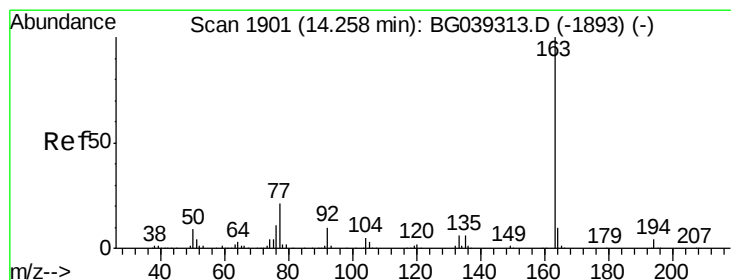
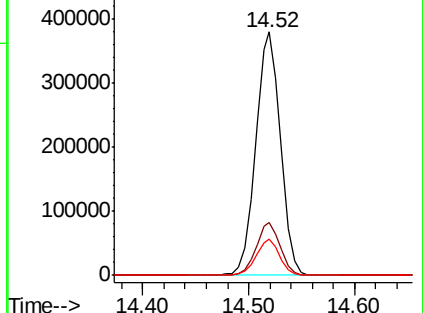
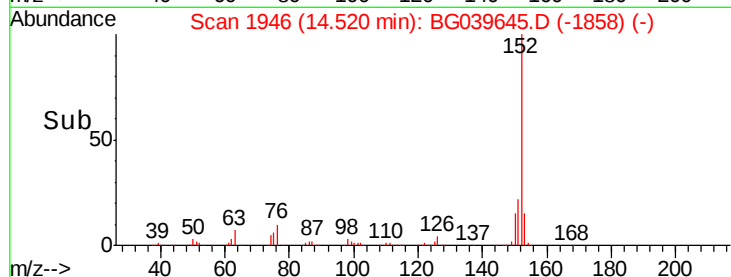
153 14.7 11.7 17.5



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: 40.181 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

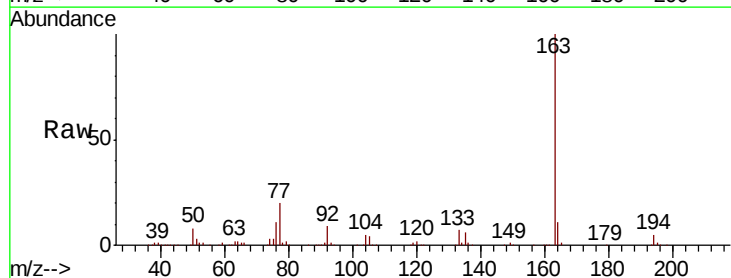
Tgt Ion:163 Resp: 498688

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

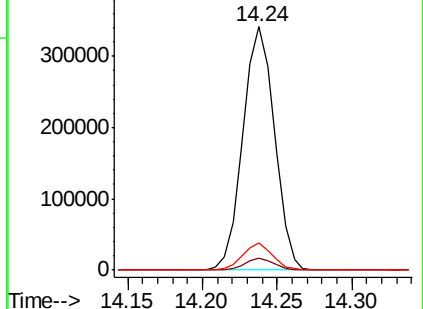
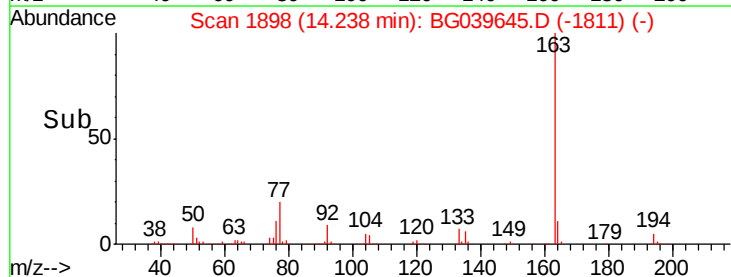
164 11.1 8.4 12.6

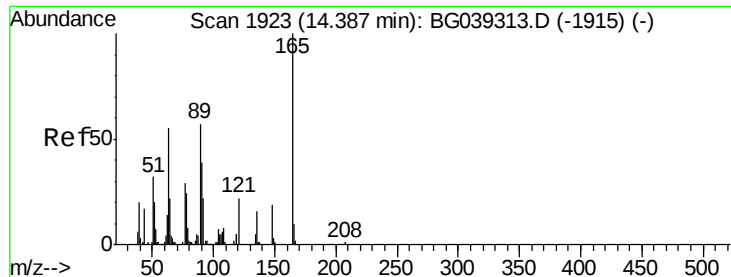


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

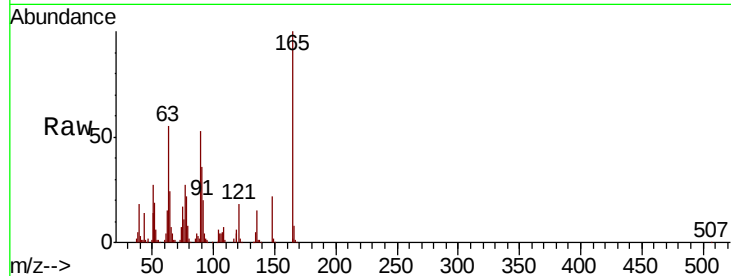




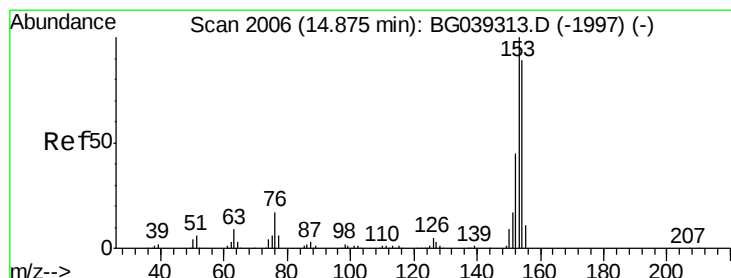
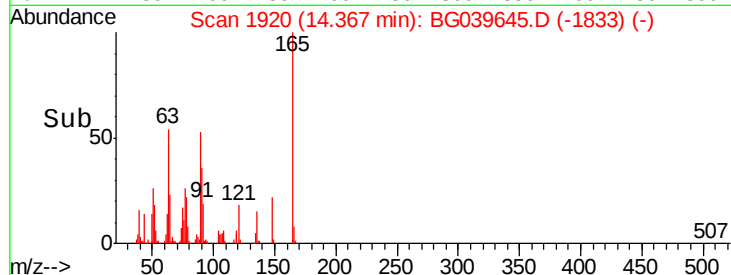
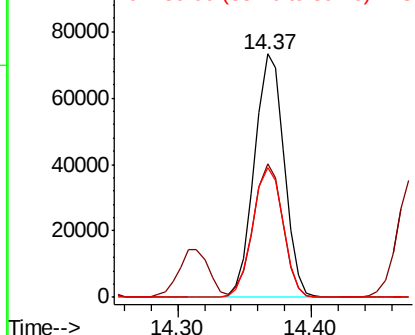
#51
2,6-Dinitrotoluene
Concen: 48.350 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Instrument :
BNA_G
ClientSampleId :
PB117445BS

Tgt Ion:165 Resp: 112281
Ion Ratio Lower Upper
165 100
63 55.0 47.0 70.6
89 53.1 45.8 68.8

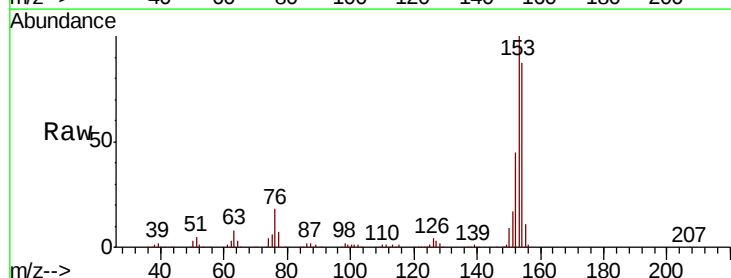


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

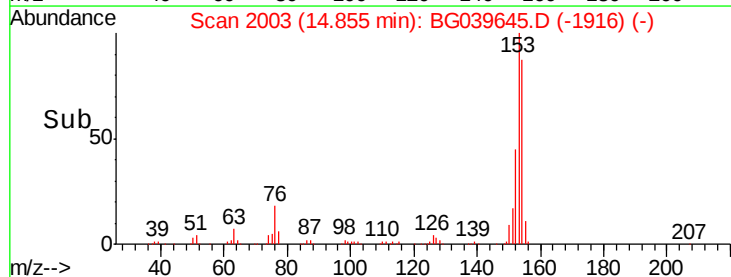
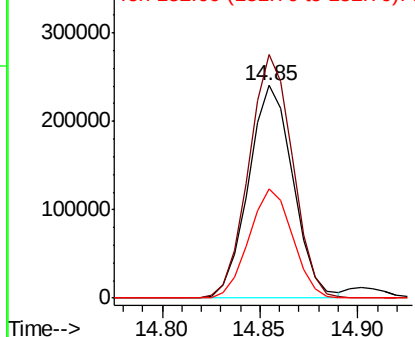


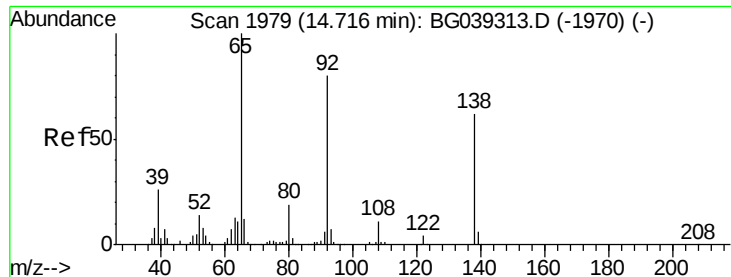
#52
Acenaphthene
Concen: 40.380 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion:154 Resp: 380422
Ion Ratio Lower Upper
154 100
153 114.7 90.1 135.1
152 51.6 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: 33.432 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

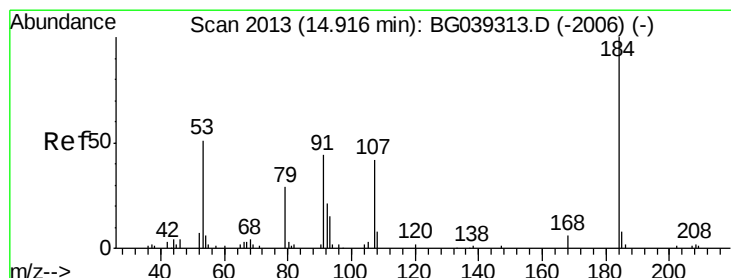
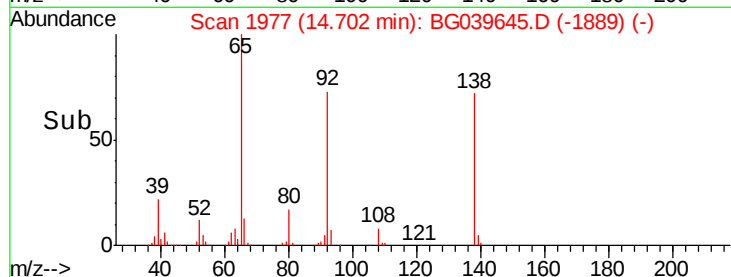
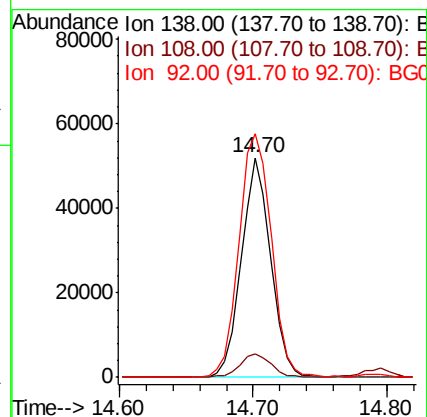
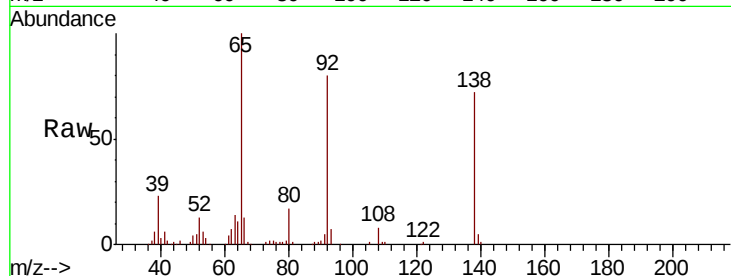
Tgt Ion:138 Resp: 78673

Ion Ratio Lower Upper

138 100

108 10.9 13.8 20.8#

92 111.0 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 42.224 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

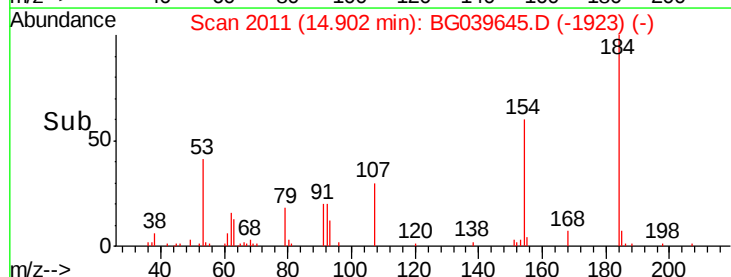
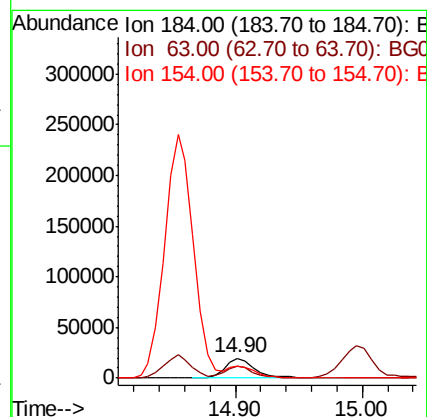
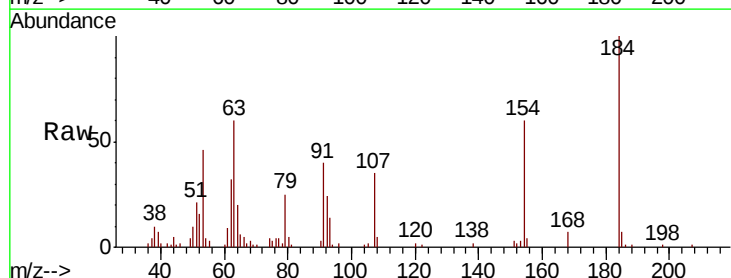
Tgt Ion:184 Resp: 33064

Ion Ratio Lower Upper

184 100

63 59.6 50.9 76.3

154 60.5 53.0 79.6

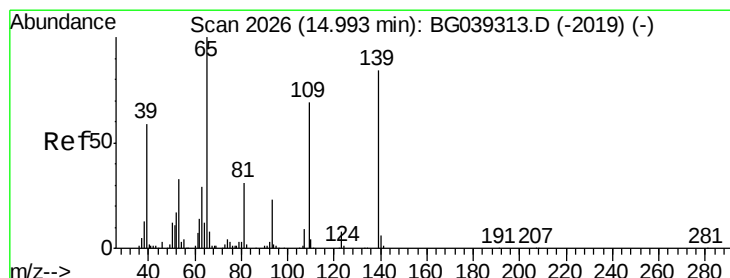
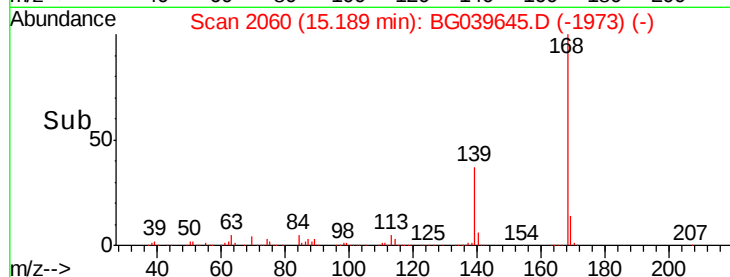
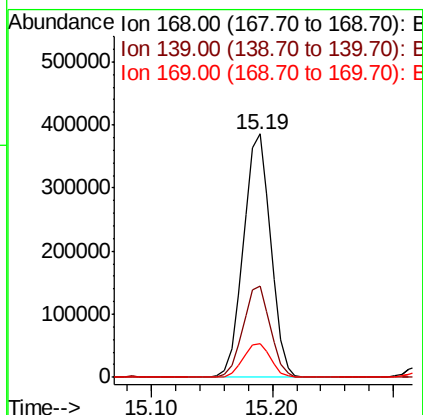
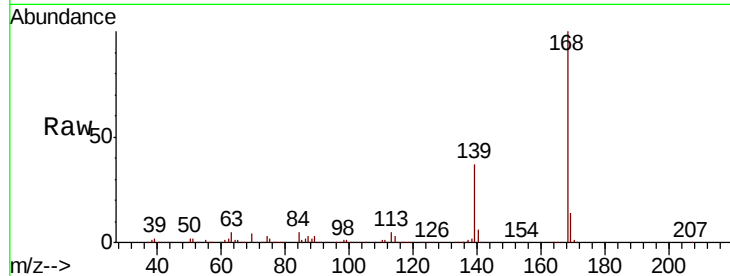




#55
Dibenzofuran
Concen: 40.162 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

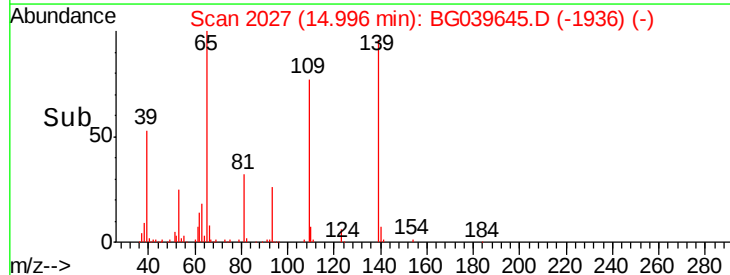
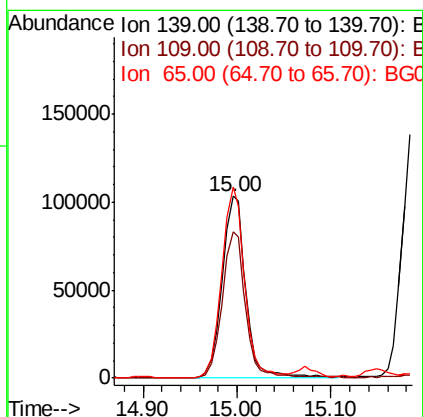
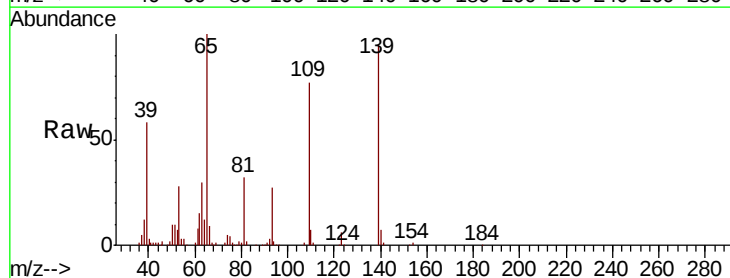
Instrument :
BNA_G
ClientSampleId :
PB117445BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.7	10.6	16.0



#56
4-Nitrophenol
Concen: 81.044 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.5	61.9	101.9
65	105.2	99.1	139.1

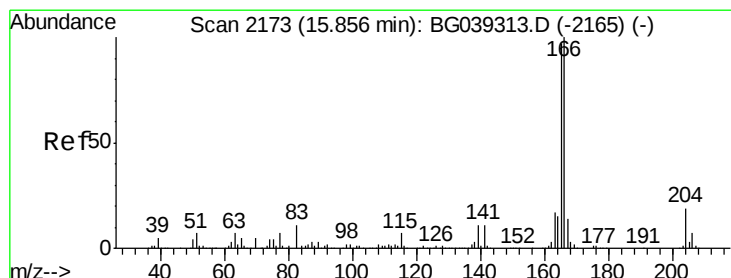
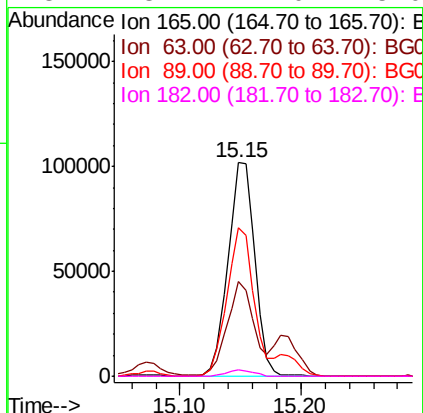
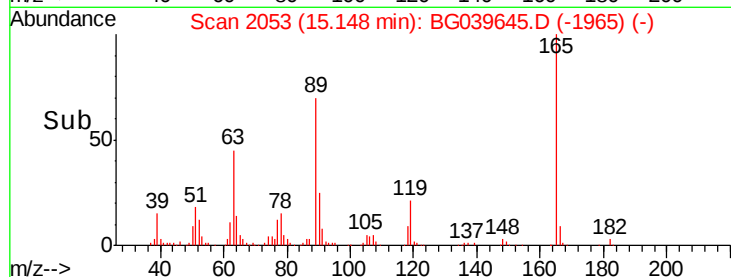
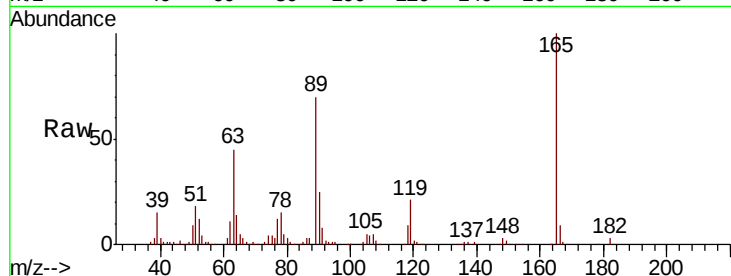




#57
2,4-Dinitrotoluene
Concen: 52.112 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

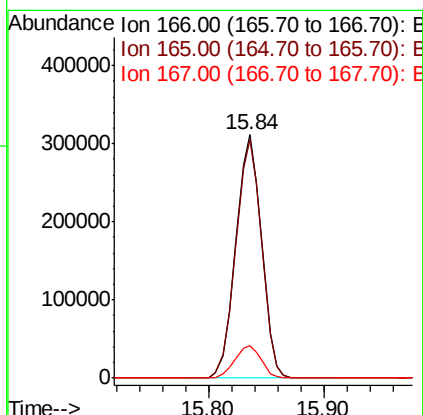
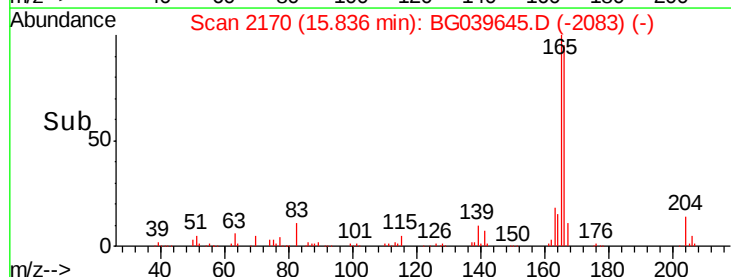
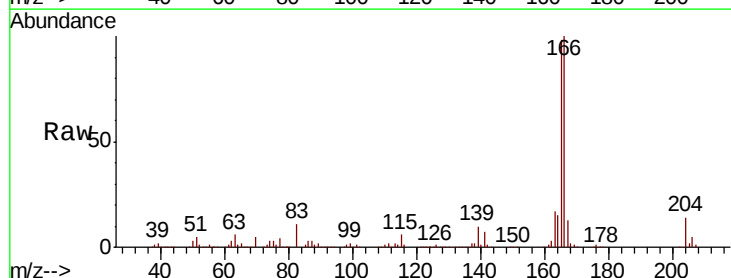
Instrument :
BNA_G
ClientSampleId :
PB117445BS

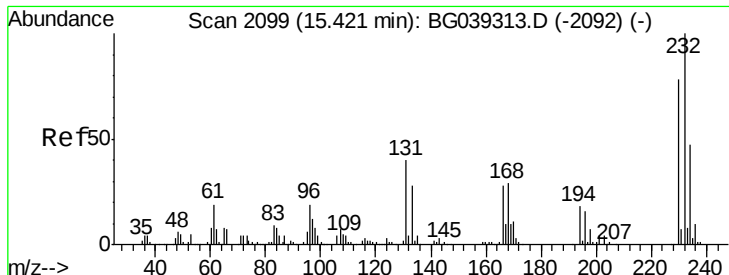
Tgt Ion:165 Resp: 157218
Ion Ratio Lower Upper
165 100
63 44.6 41.0 61.6
89 69.5 64.6 96.8
182 3.2 2.0 3.0#



#58
Fluorene
Concen: 42.310 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion:166 Resp: 476420
Ion Ratio Lower Upper
166 100
165 97.8 77.9 116.9
167 13.5 10.8 16.2

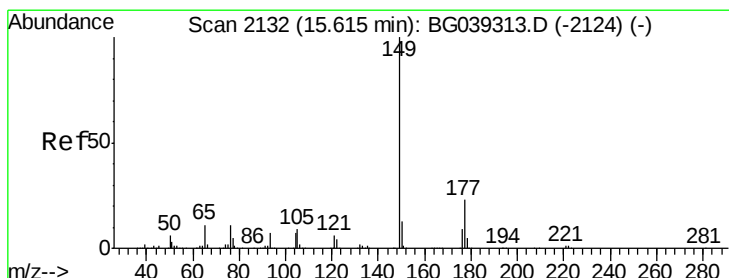
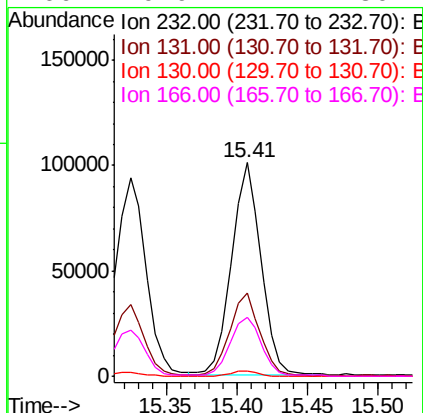
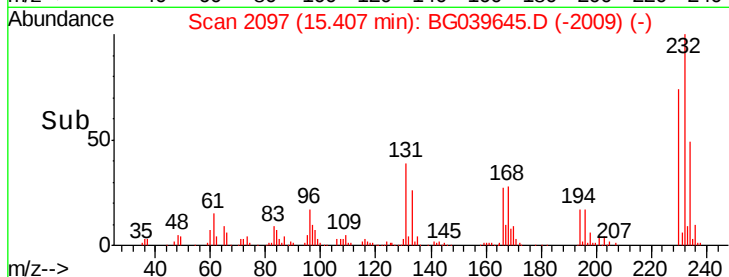
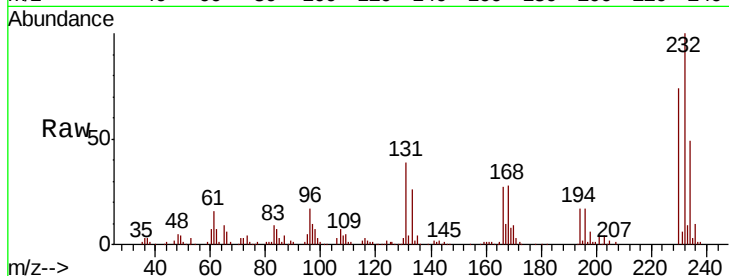




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.973 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

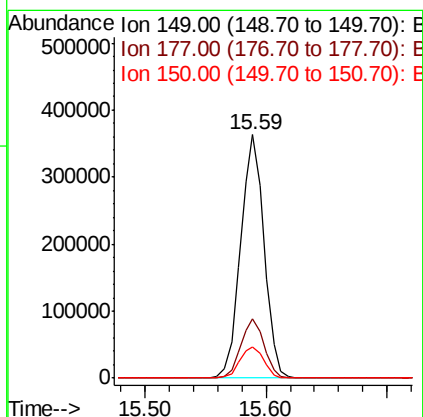
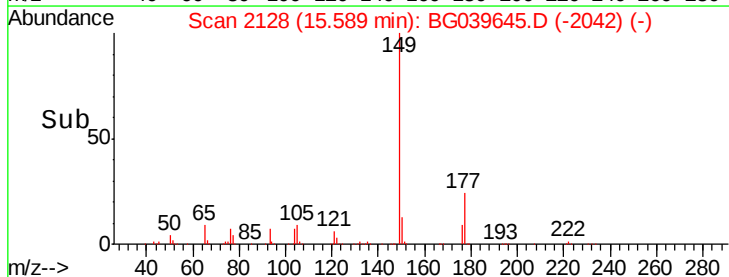
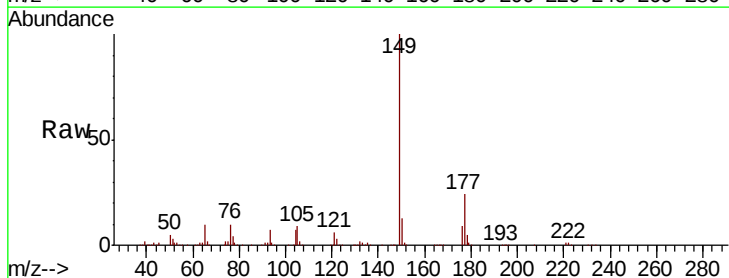
Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

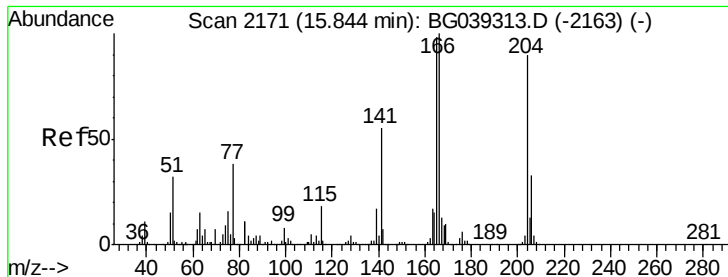
Tgt Ion:	232	Resp:	147426
Ion	Ratio	Lower	Upper
232	100		
131	39.6	34.9	52.3
130	2.4	2.0	3.0
166	29.9	24.1	36.1



#60
 Diethylphthalate
 Concen: 38.197 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion:	149	Resp:	490159
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	12.9	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 39.472 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

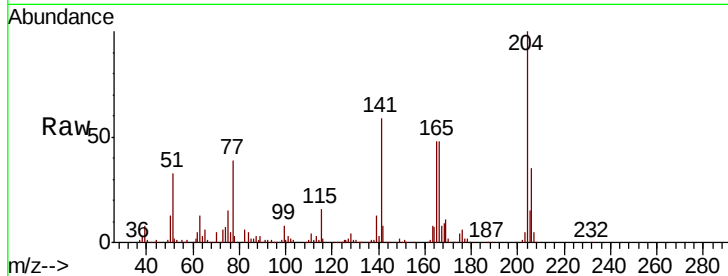
Tgt Ion:204 Resp: 251672

Ion Ratio Lower Upper

204 100

206 35.2 29.2 43.8

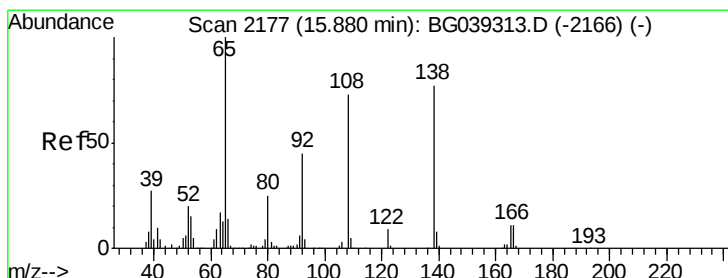
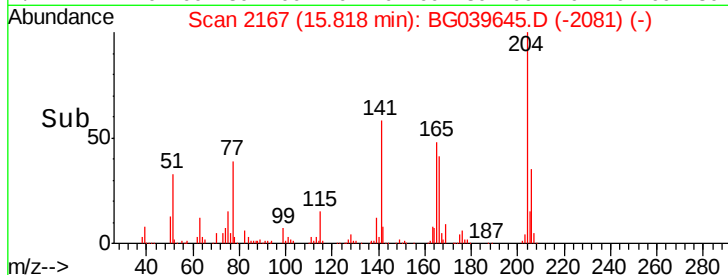
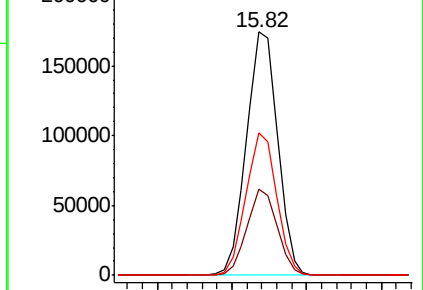
141 58.7 49.0 73.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 46.316 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

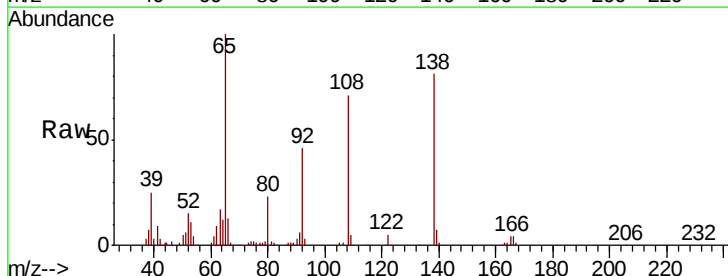
Tgt Ion:138 Resp: 120120

Ion Ratio Lower Upper

138 100

92 56.9 38.7 78.7

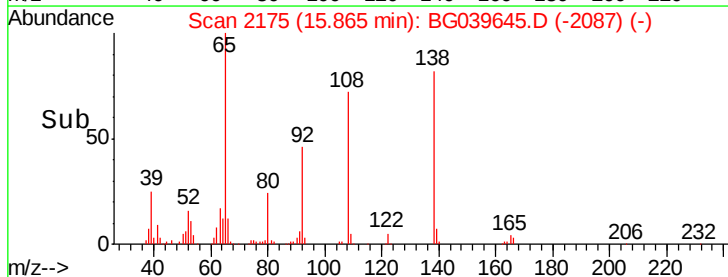
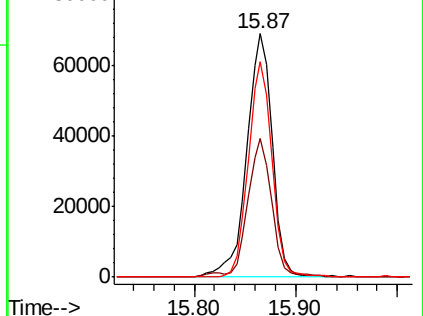
108 88.4 74.6 114.6

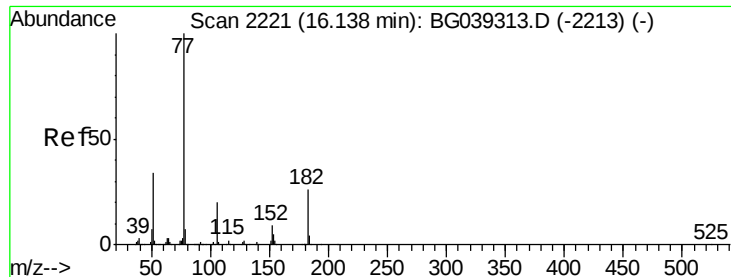


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

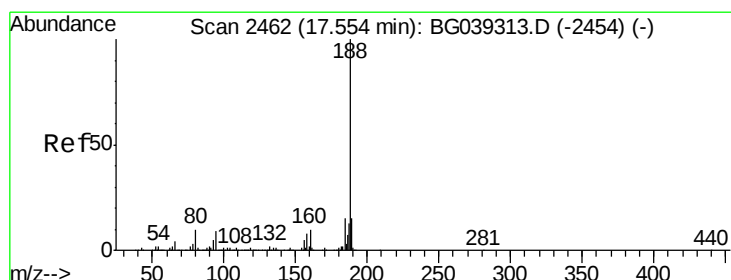
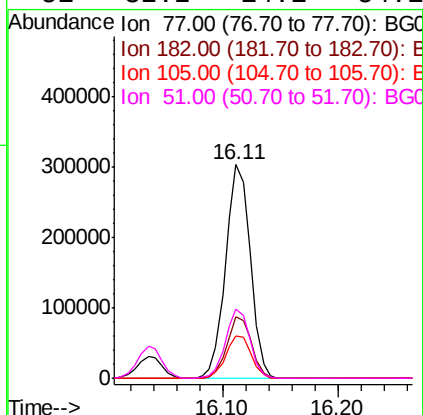
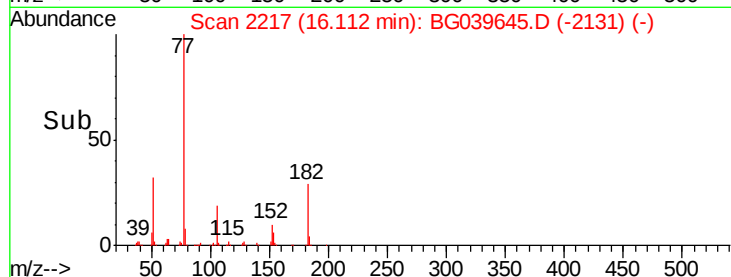
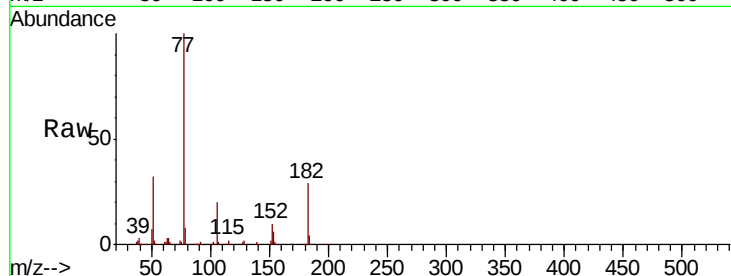




#63
Azobenzene
Concen: 35.721 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

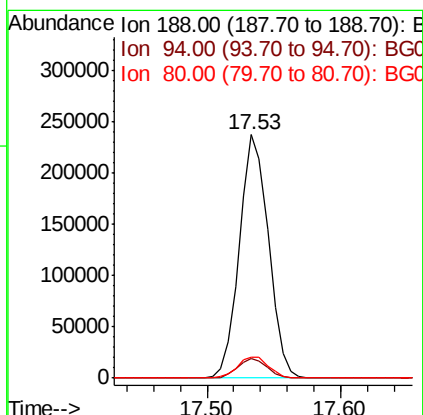
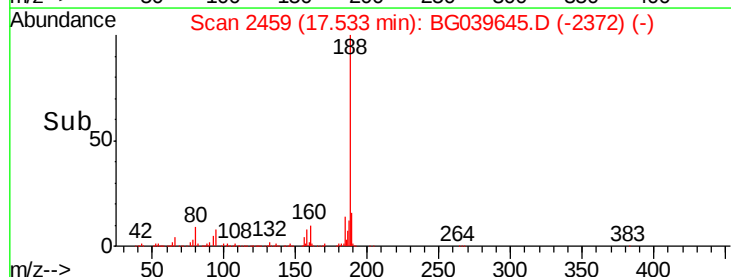
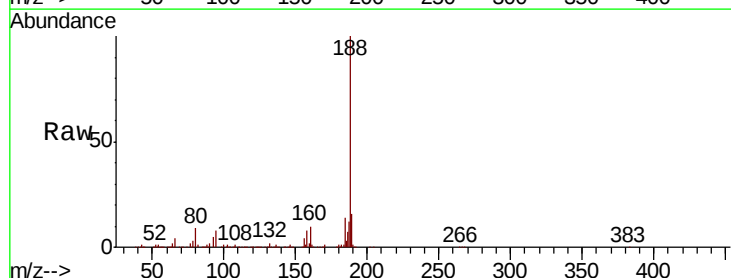
Instrument :
BNA_G
ClientSampleId :
PB117445BS

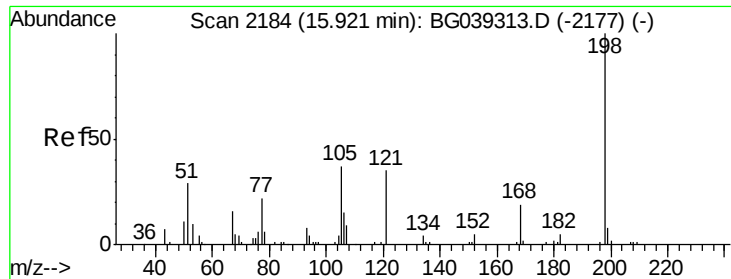
Tgt Ion:	77	Resp:	448024
Ion	Ratio	Lower	Upper
77	100		
182	28.6	6.4	46.4
105	19.9	0.0	39.8
51	32.2	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion:	188	Resp:	357569
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.6	8.1	12.1

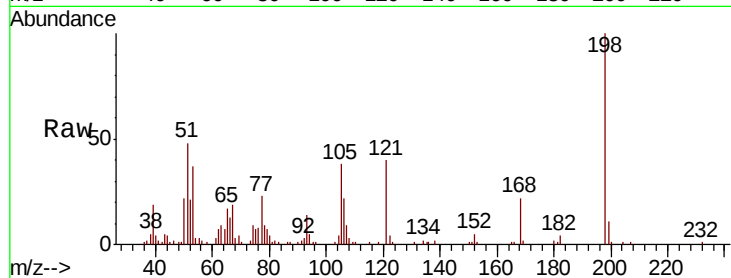




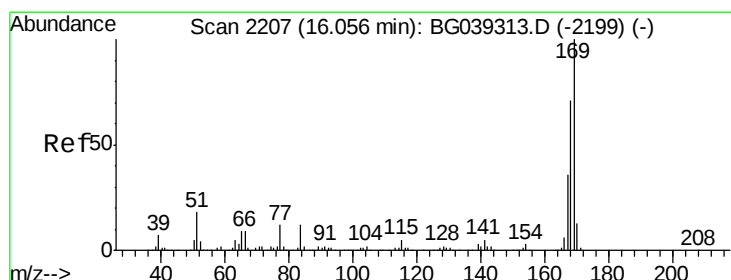
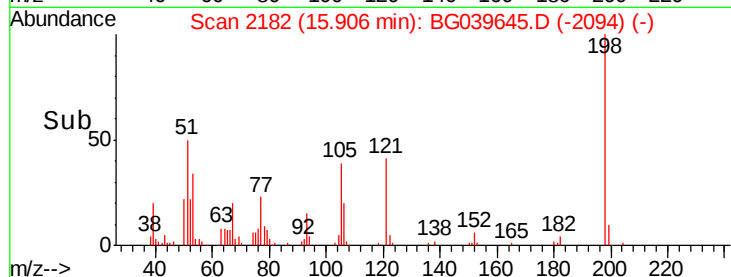
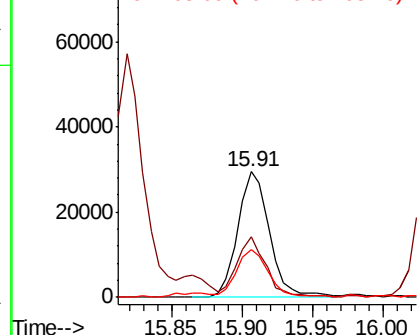
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.582 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

Tgt Ion:198 Resp: 46260
 Ion Ratio Lower Upper
 198 100
 51 47.9 27.4 67.4
 105 37.8 19.7 59.7

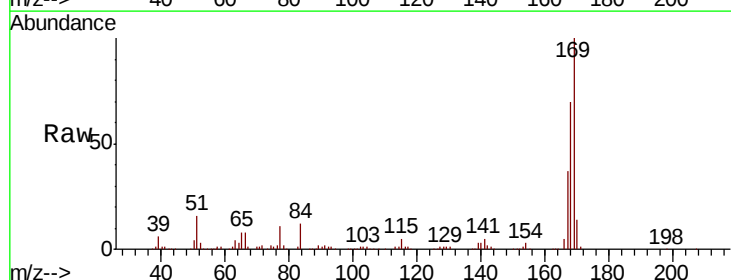


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

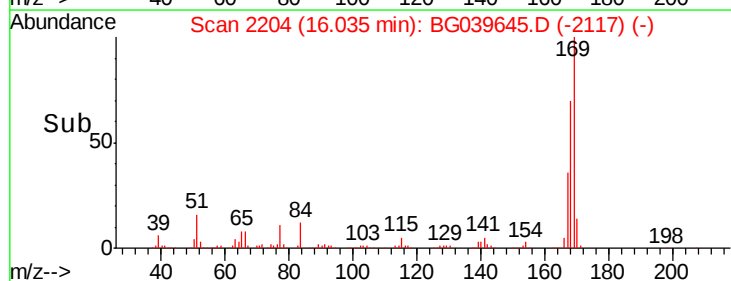
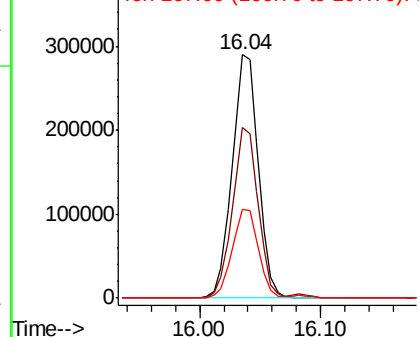


#66
 n-Nitrosodiphenylamine
 Concen: 39.982 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion:169 Resp: 434702
 Ion Ratio Lower Upper
 169 100
 168 70.0 56.6 85.0
 167 36.5 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

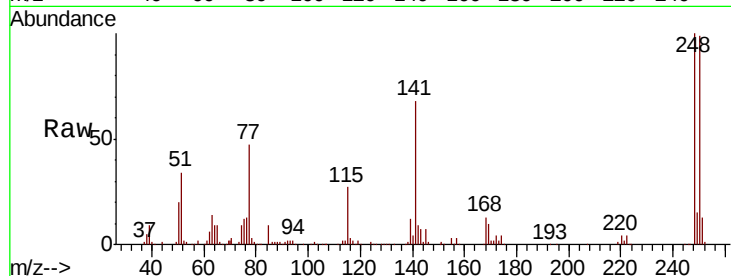




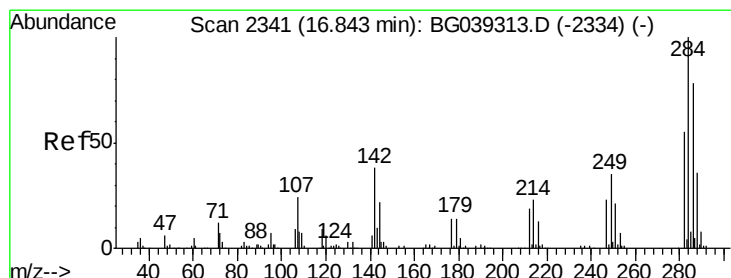
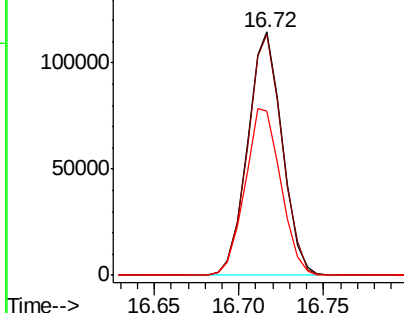
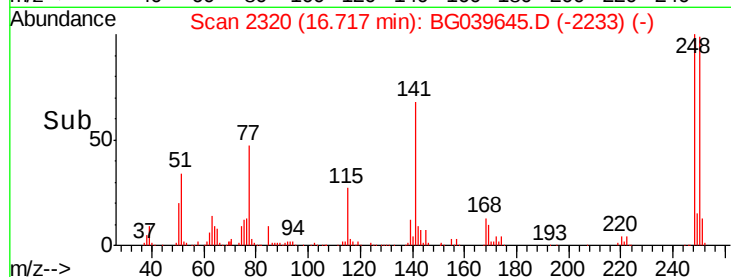
#67
 4-Bromophenyl-phenylether
 Concen: 40.866 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

Tgt Ion:248 Resp: 162110
 Ion Ratio Lower Upper
 248 100
 250 99.1 77.6 116.4
 141 67.7 63.9 95.9

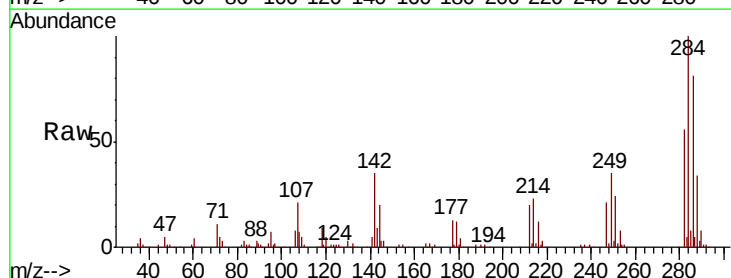


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

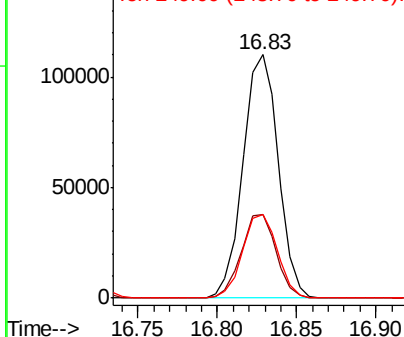
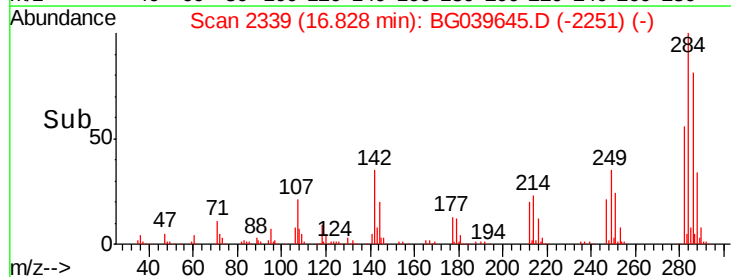


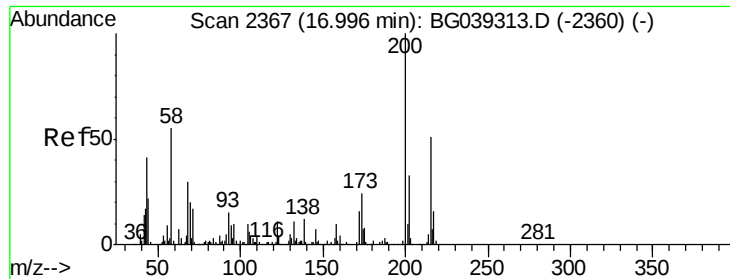
#68
 Hexachlorobenzene
 Concen: 42.622 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion:284 Resp: 169632
 Ion Ratio Lower Upper
 284 100
 142 34.5 30.6 45.8
 249 34.6 28.2 42.2



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

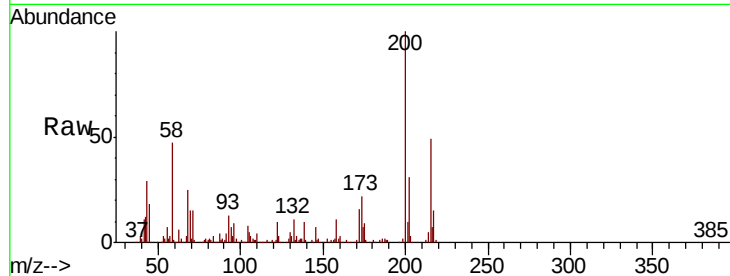




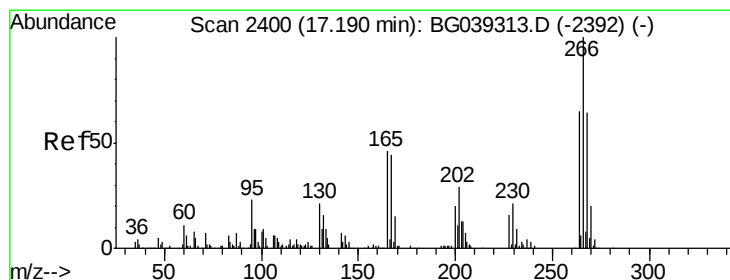
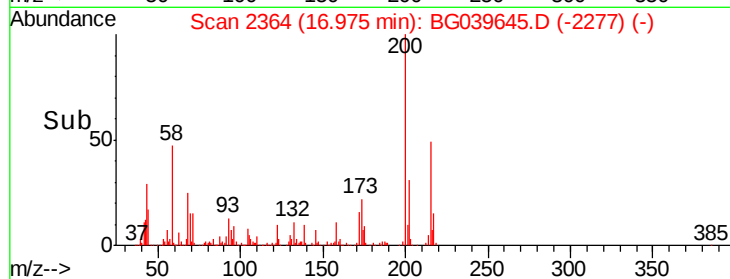
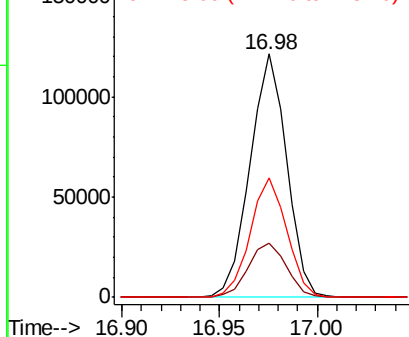
#69
 Atrazine
 Concen: 39.721 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.1	3.9	43.9
215	48.9	30.9	70.9

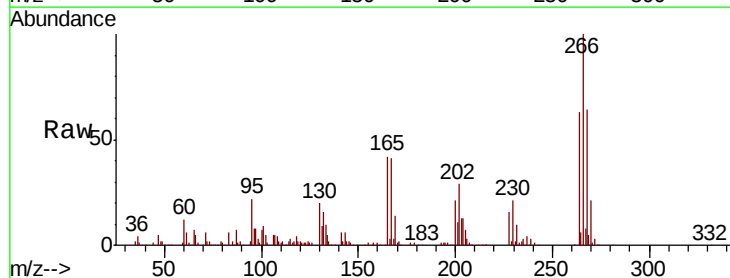


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

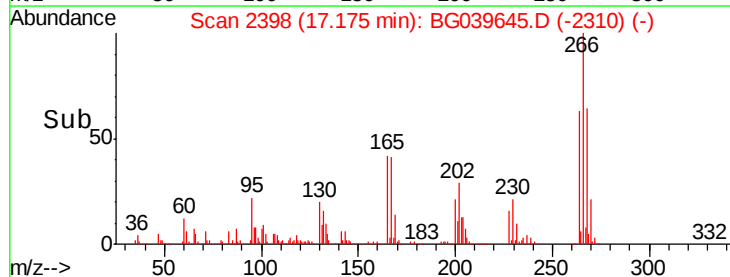
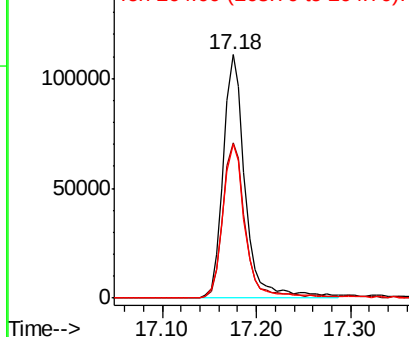


#70
 Pentachlorophenol
 Concen: 65.494 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.1	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

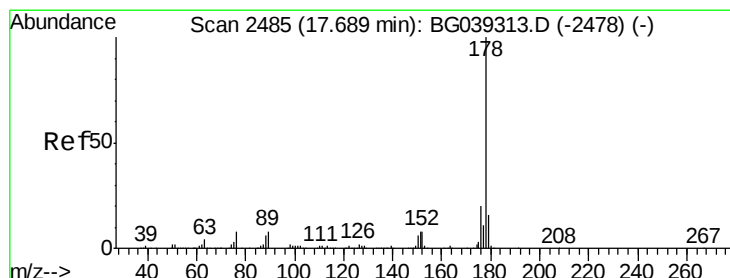
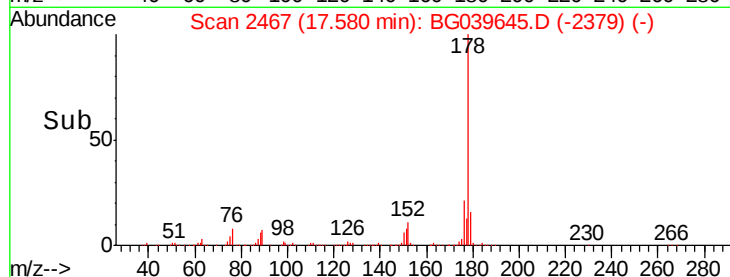
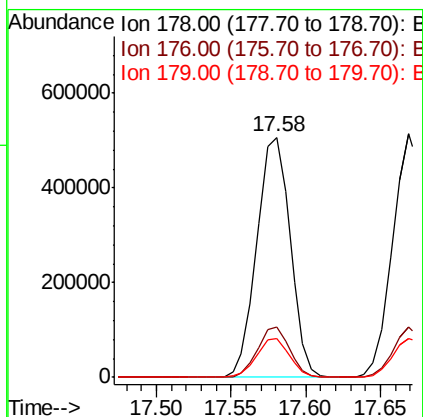
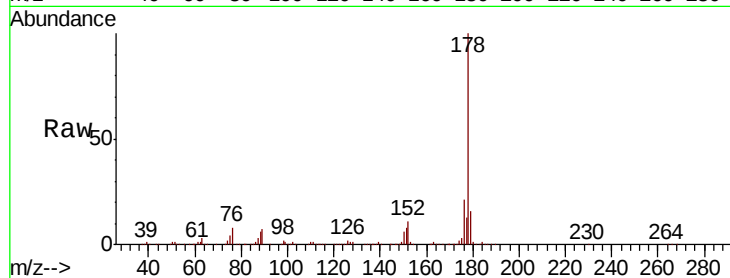




#71
Phenanthrene
Concen: 42.441 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

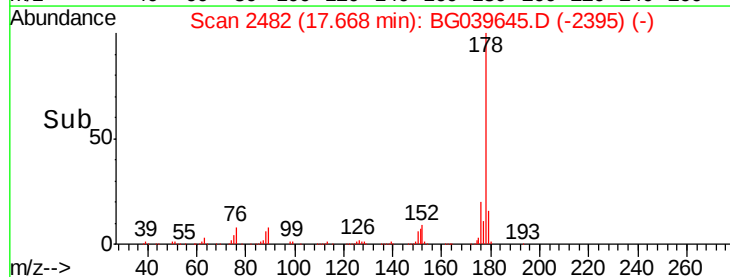
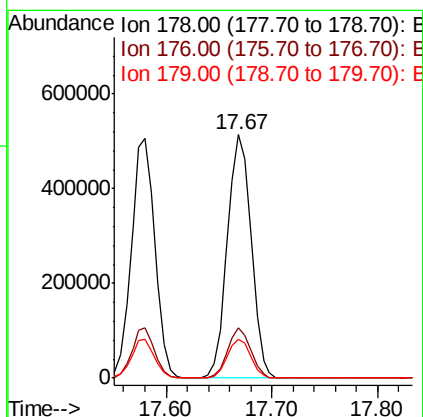
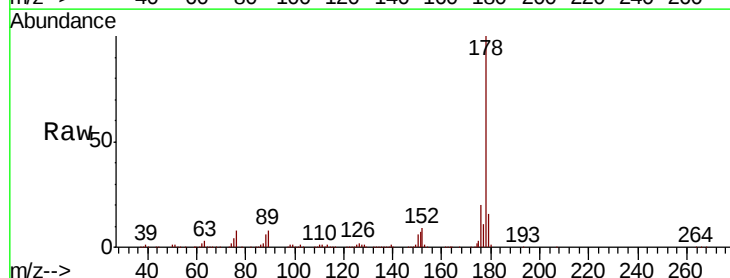
Instrument :
BNA_G
ClientSampleId :
PB117445BS

Tgt Ion:178 Resp: 785444
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 43.731 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion:178 Resp: 797185
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.0 12.5 18.7

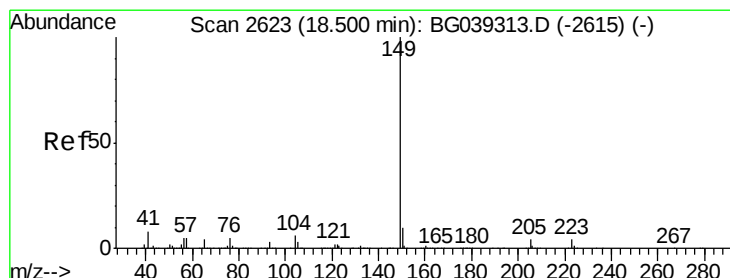
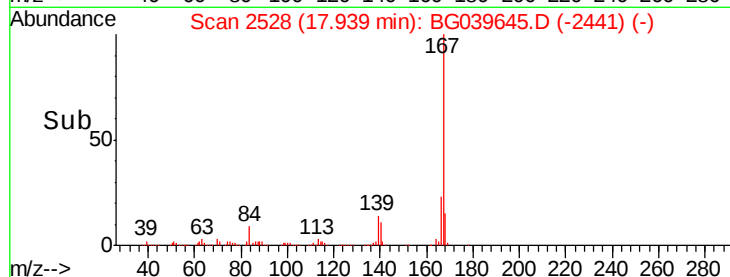
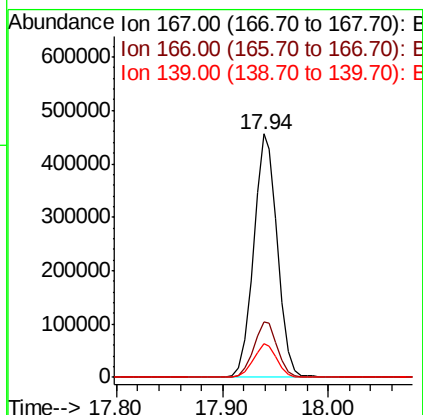
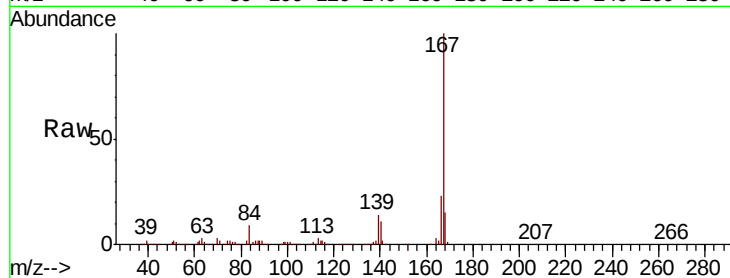




#73
 Carbazole
 Concen: 39.004 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

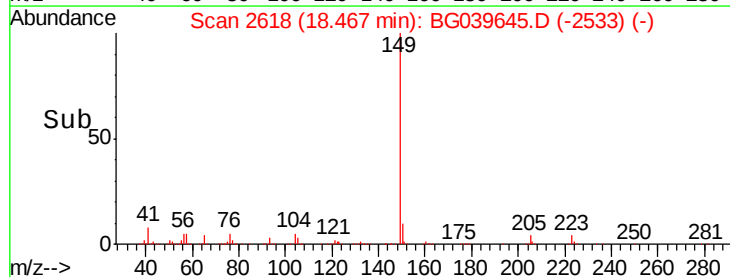
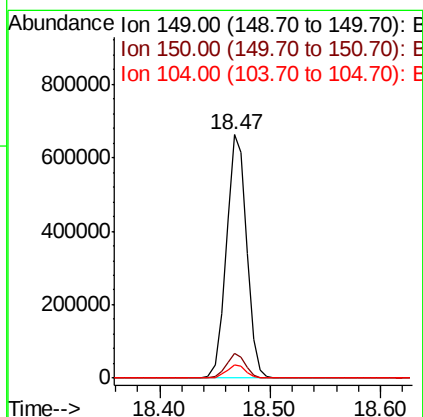
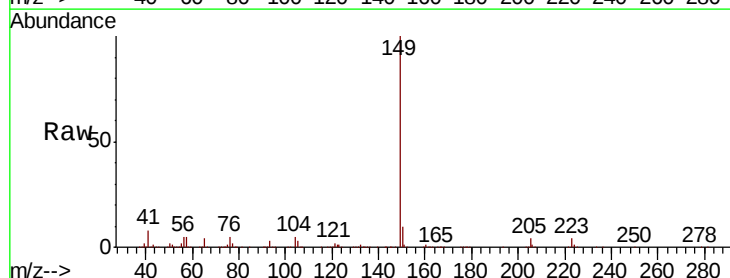
Instrument :
 BNA_G
 ClientSampleId :
 PB117445BS

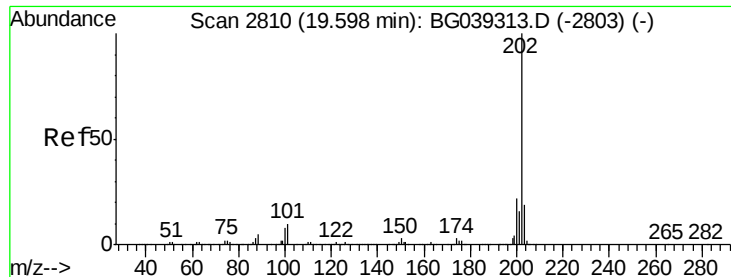
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.4	29.2
139	13.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 40.017 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039645.D
 Acq: 27 Feb 2019 21:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 44.950 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

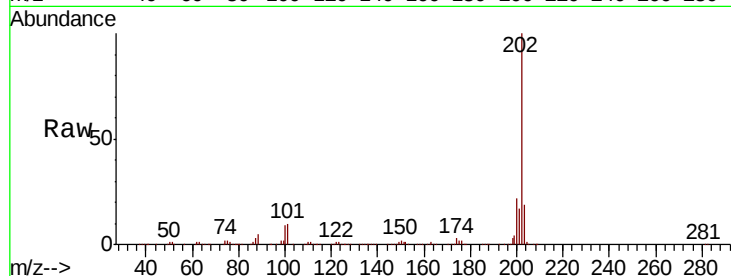
Tgt Ion:202 Resp: 965551

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

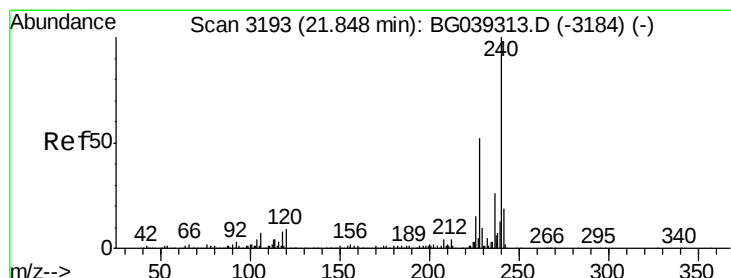
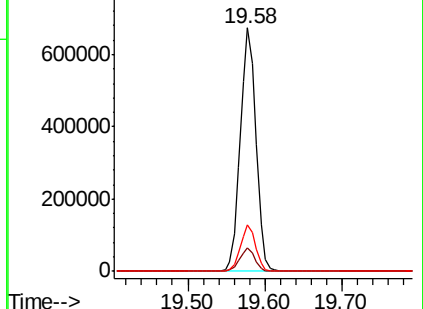
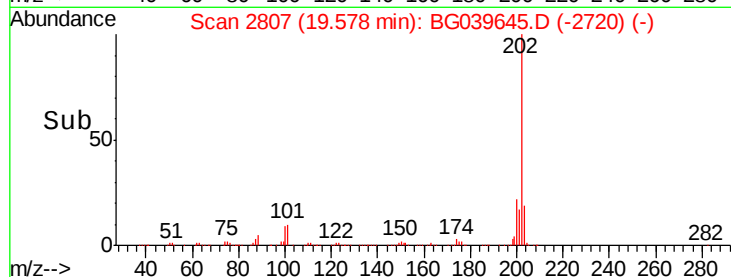
203 19.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

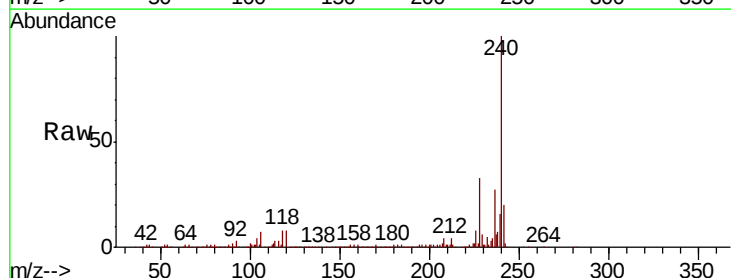
Tgt Ion:240 Resp: 376530

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

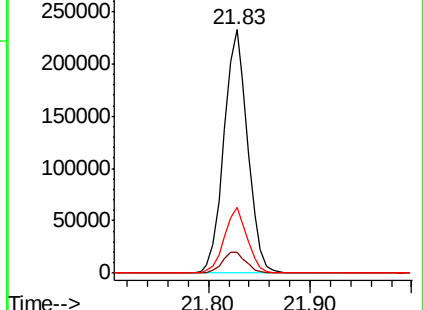
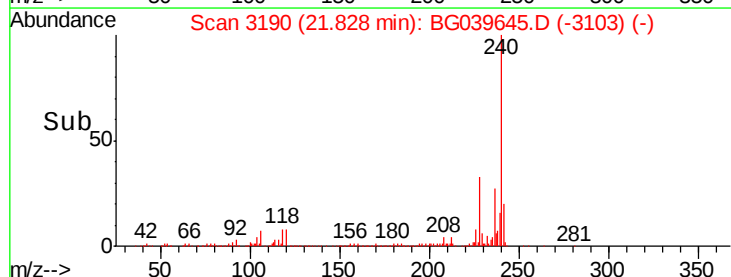
236 27.0 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.198 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

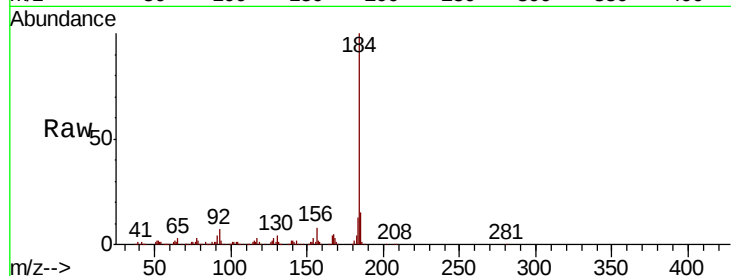
Tgt Ion:184 Resp: 372781

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

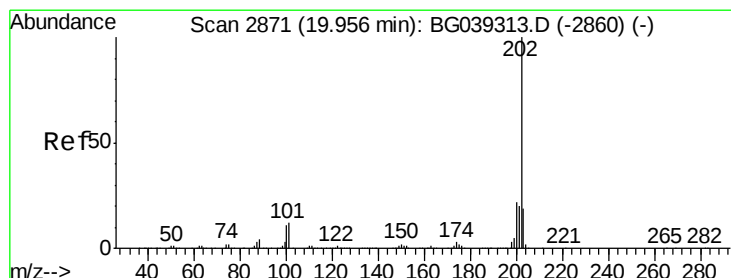
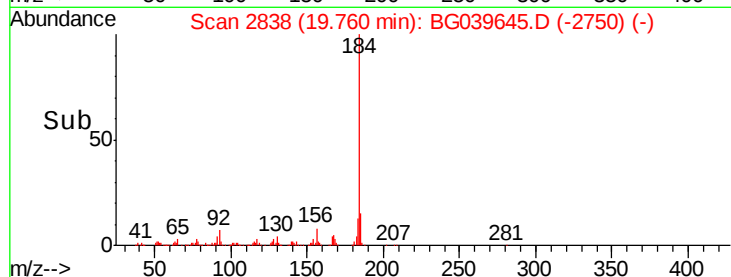
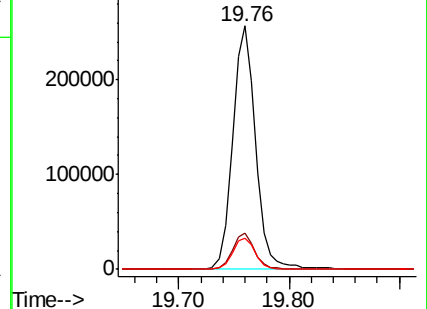
183 12.8 10.6 15.8



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: 41.291 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

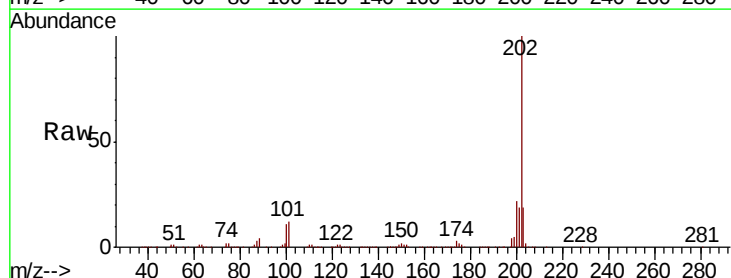
Tgt Ion:202 Resp: 967858

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.8

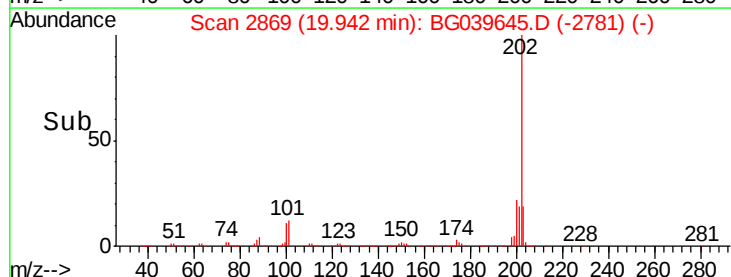
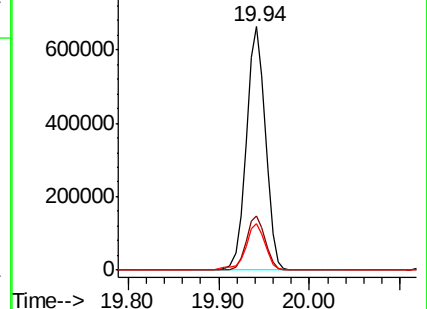
203 19.0 15.3 22.9

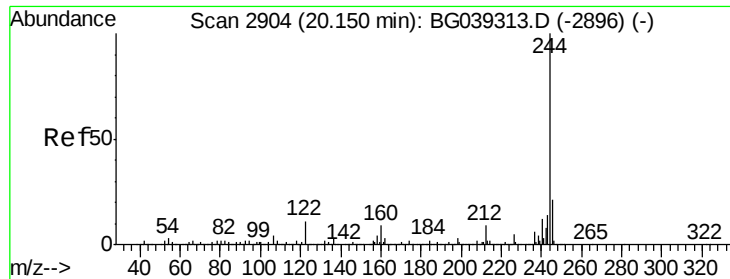


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.951 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

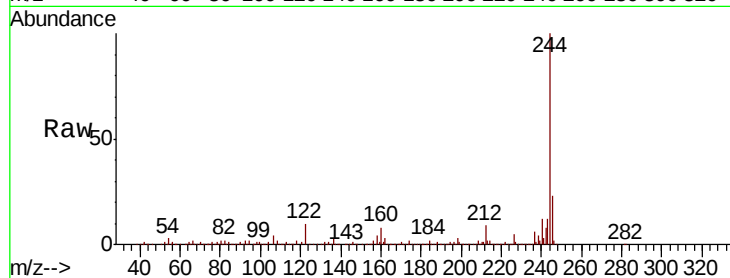
Tgt Ion:244 Resp: 1368851

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

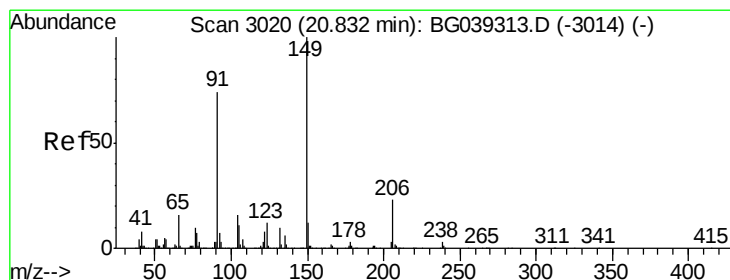
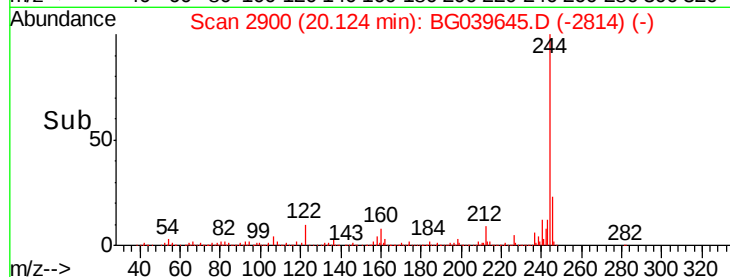
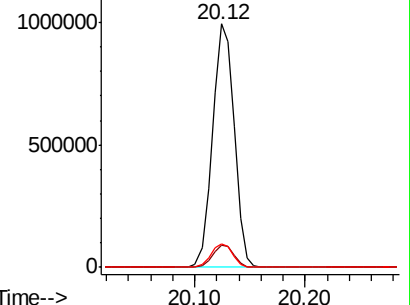
122 9.9 8.4 12.6



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: 42.095 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

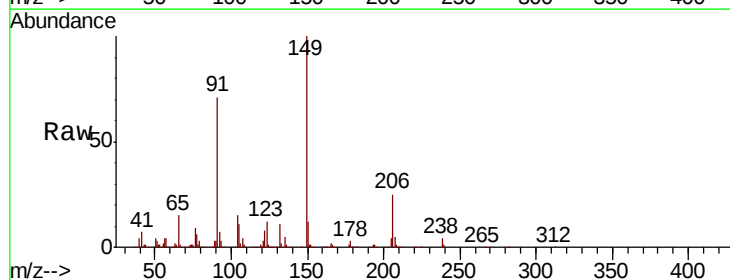
Tgt Ion:149 Resp: 416227

Ion Ratio Lower Upper

149 100

91 71.5 59.5 89.3

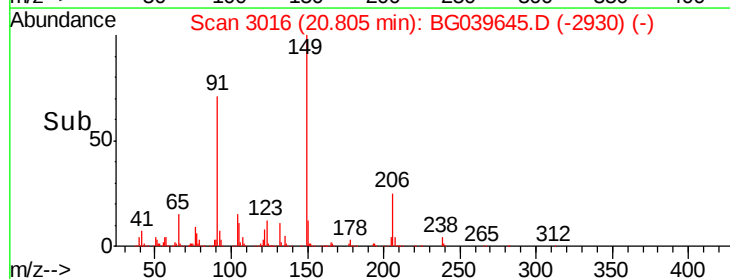
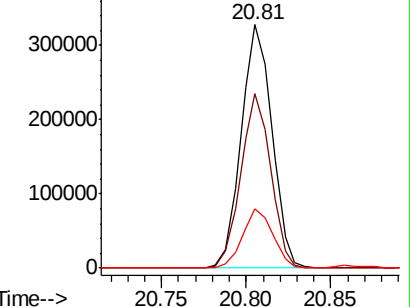
206 24.6 18.6 27.8

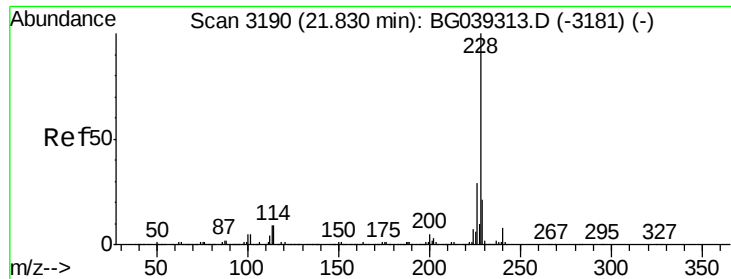


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

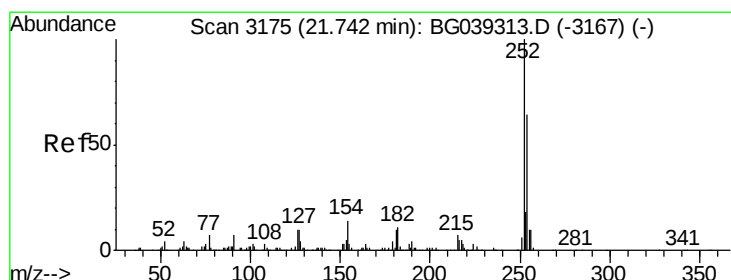
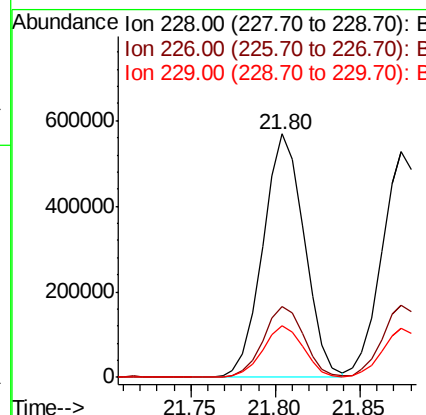
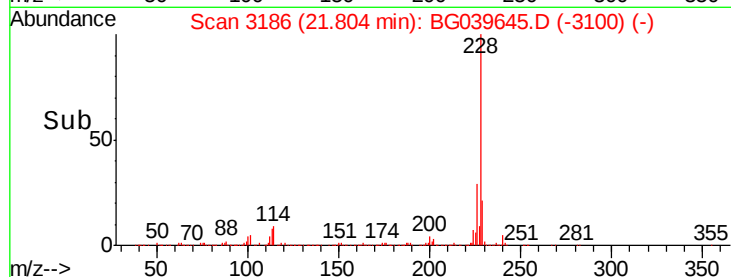
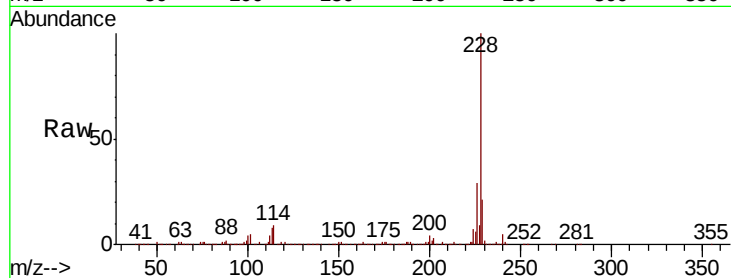




#81
Benzo(a)anthracene
Concen: 43.341 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

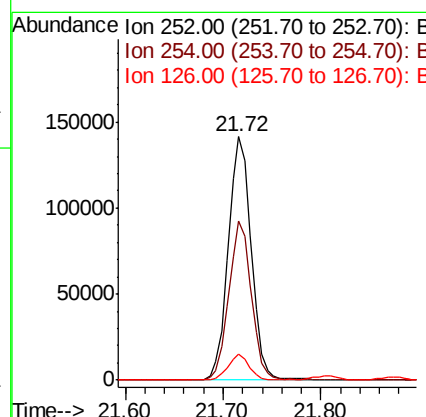
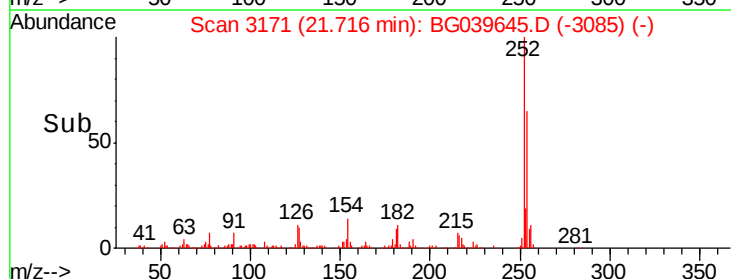
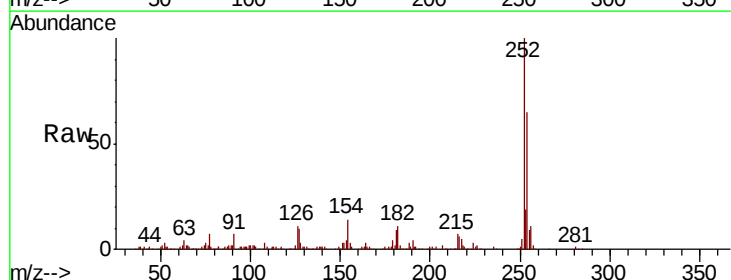
Instrument :
BNA_G
ClientSampleId :
PB117445BS

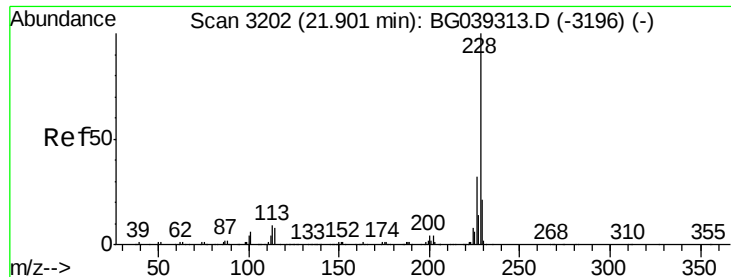
Tgt Ion:228 Resp: 964280
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.6
229 21.2 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 27.877 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039645.D
Acq: 27 Feb 2019 21:55

Tgt Ion:252 Resp: 229975
Ion Ratio Lower Upper
252 100
254 65.4 51.3 76.9
126 10.5 8.0 12.0





#83

Chrysene

Concen: 42.672 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

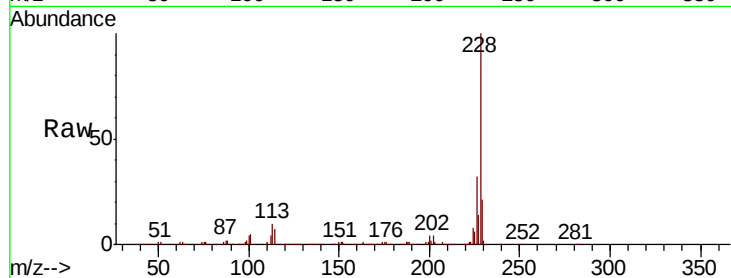
Tgt Ion:228 Resp: 903776

Ion Ratio Lower Upper

228 100

226 31.9 25.8 38.6

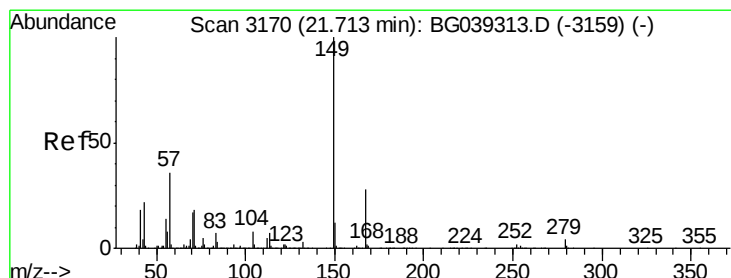
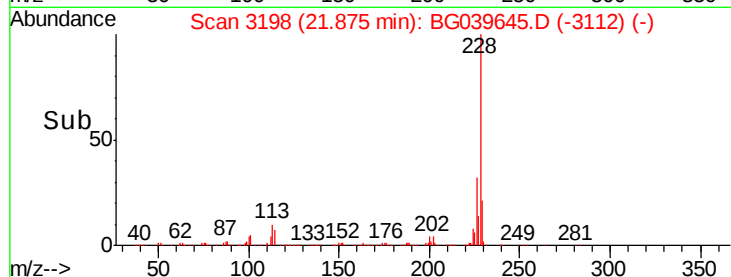
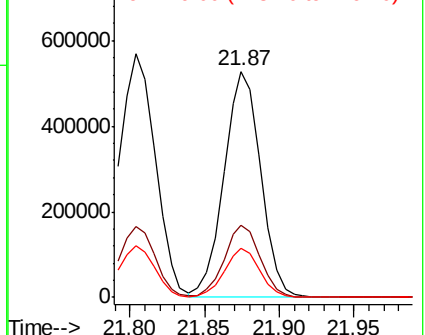
229 21.5 16.6 25.0



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: 40.851 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

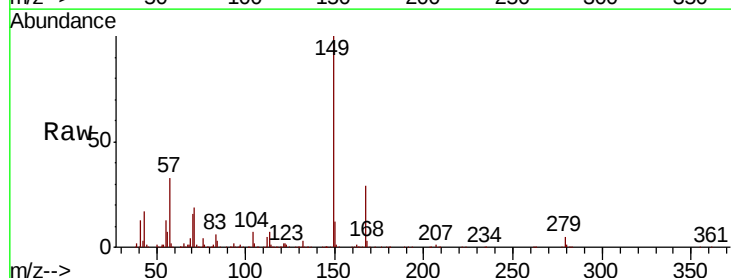
Tgt Ion:149 Resp: 576259

Ion Ratio Lower Upper

149 100

167 28.8 22.6 34.0

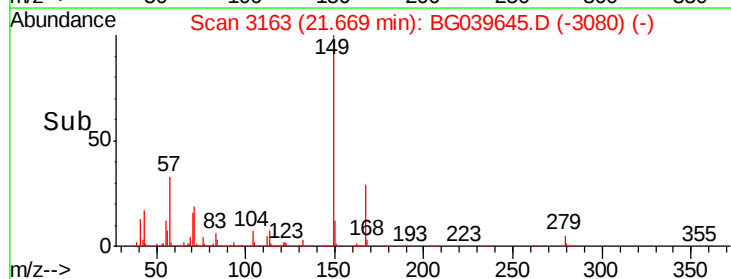
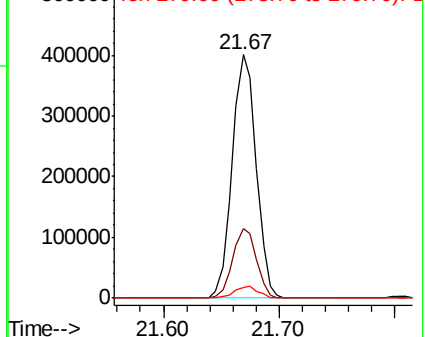
279 4.6 3.5 5.3



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: 42.197 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.06 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

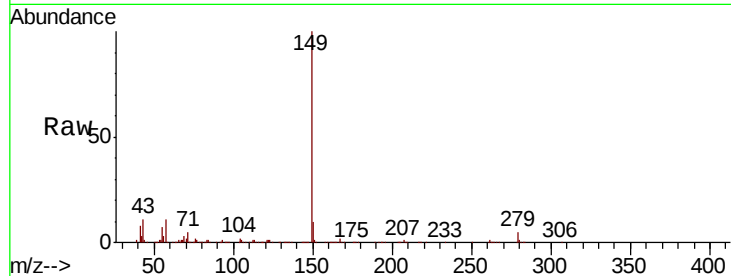
Tgt Ion:149 Resp: 983418

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

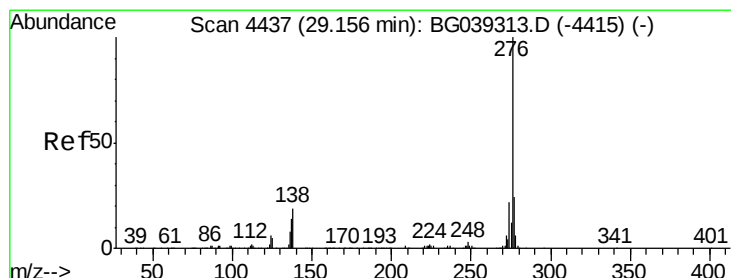
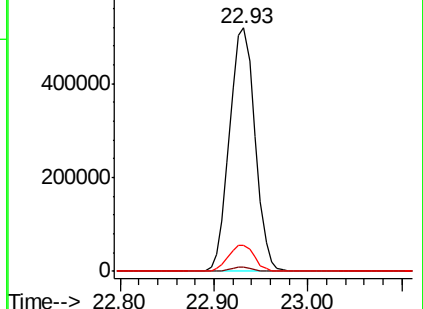
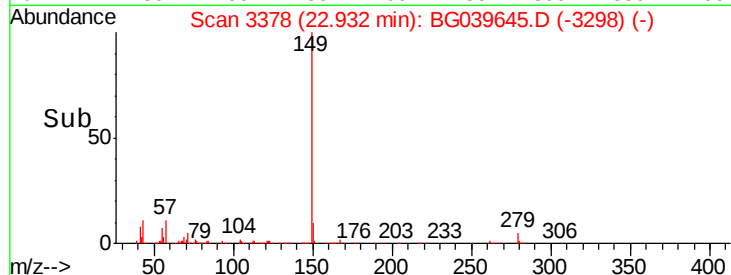
43 10.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.197 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

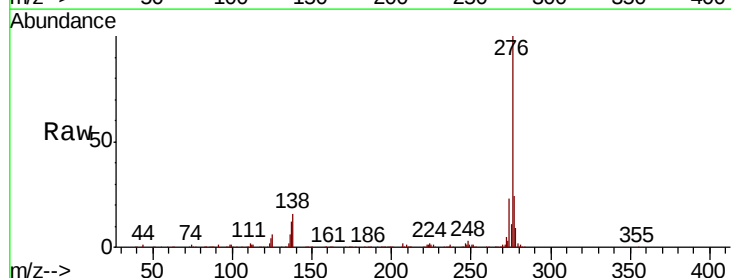
Tgt Ion:276 Resp: 1095217

Ion Ratio Lower Upper

276 100

138 13.7 12.6 19.0

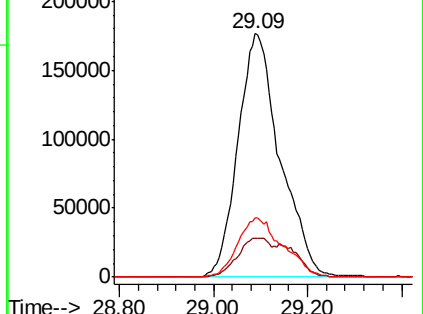
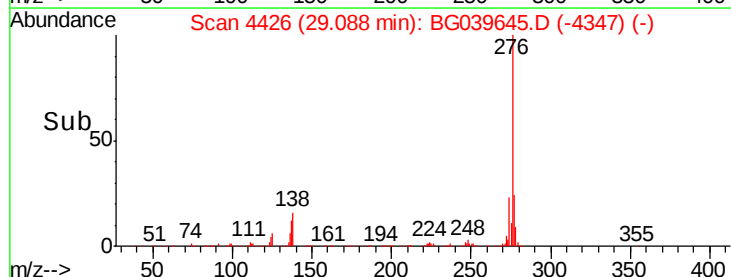
277 26.1 20.8 31.2

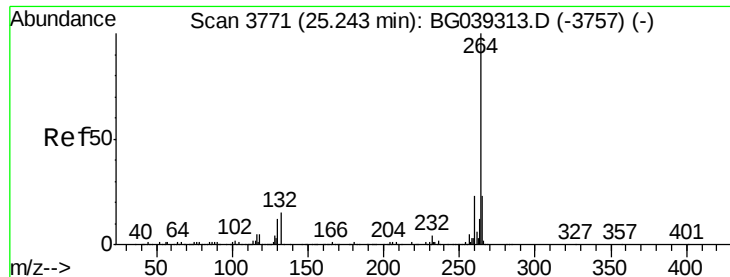


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

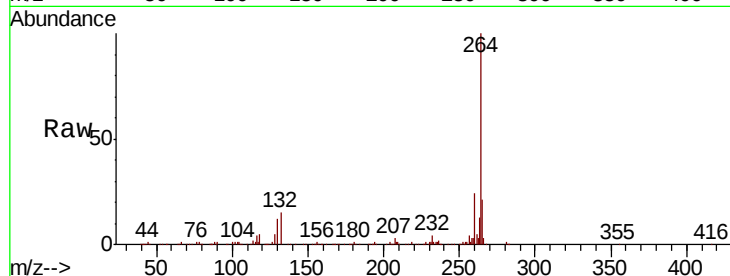
Tgt Ion:264 Resp: 390056

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

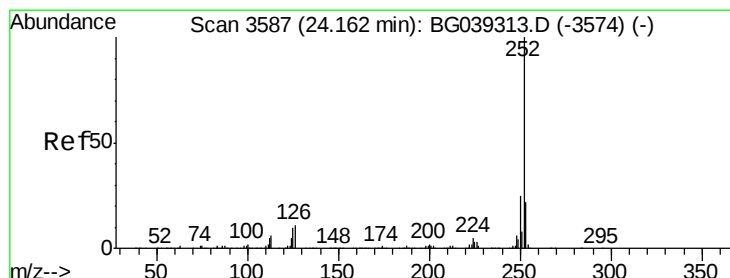
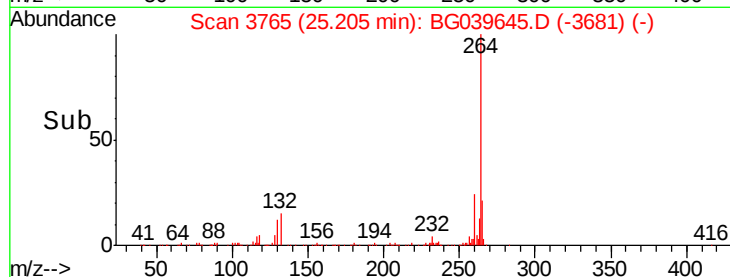
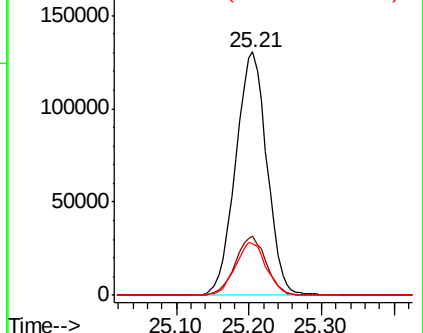
265 21.2 18.5 27.7



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: 45.003 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

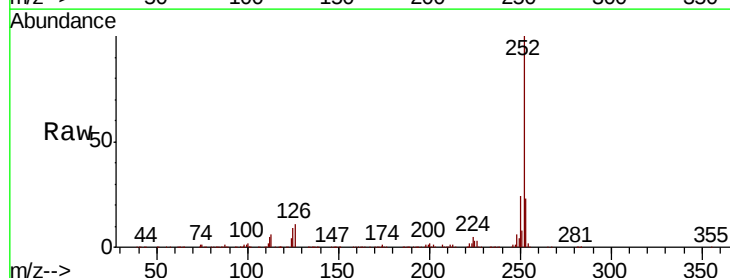
Tgt Ion:252 Resp: 957295

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

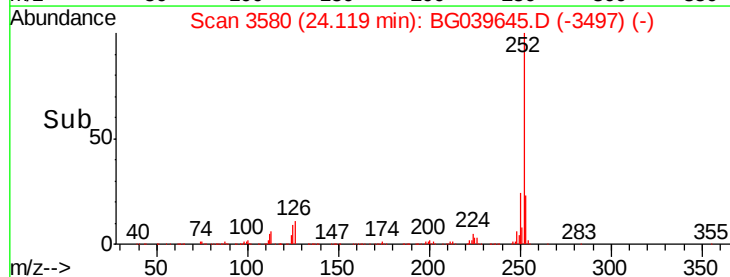
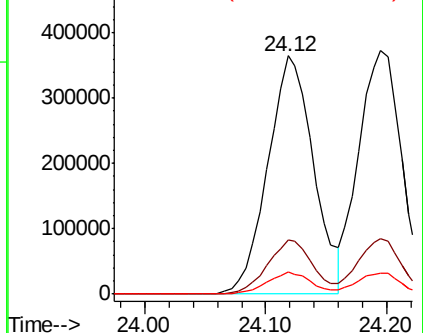
125 9.2 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.934 ng

RT: 24.19 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

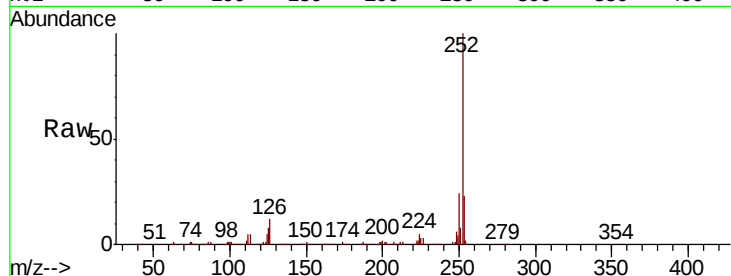
Tgt Ion:252 Resp: 916929

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

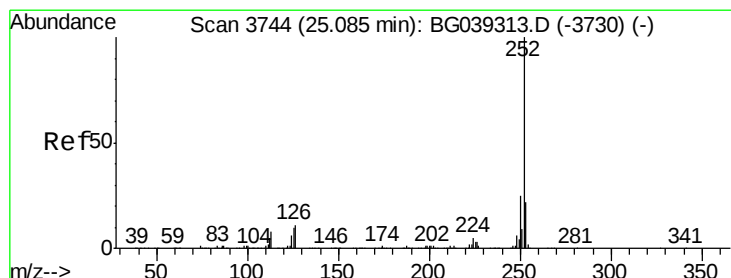
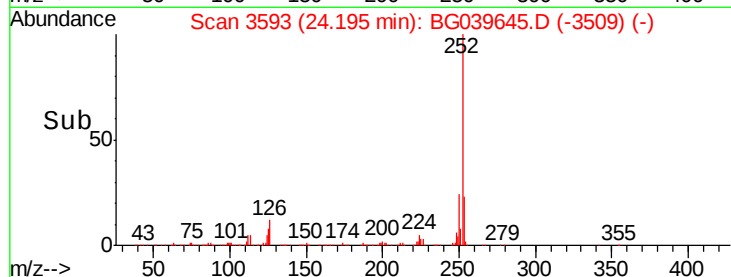
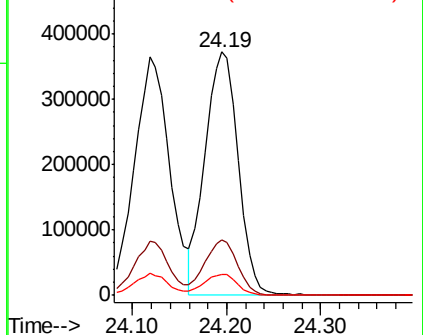
125 8.4 7.4 11.2



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: 45.403 ng

RT: 25.05 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

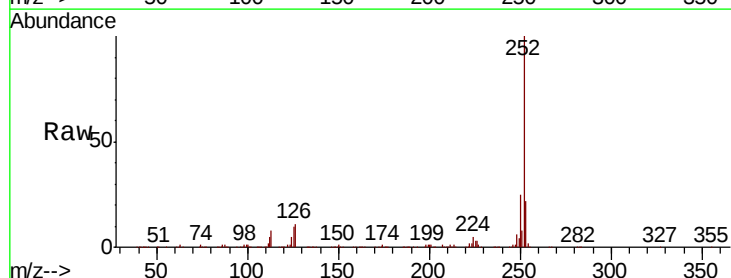
Tgt Ion:252 Resp: 930137

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

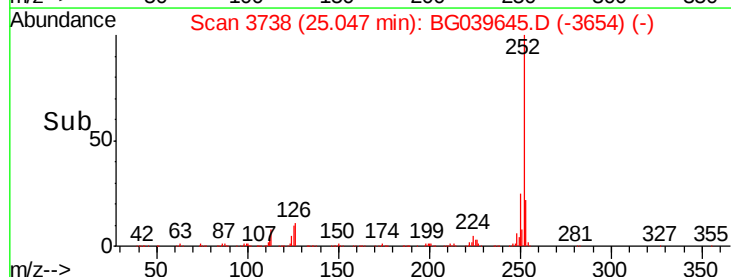
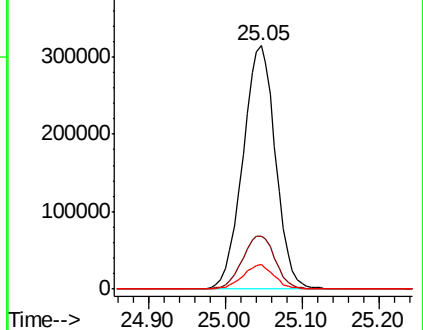
125 10.3 8.3 12.5

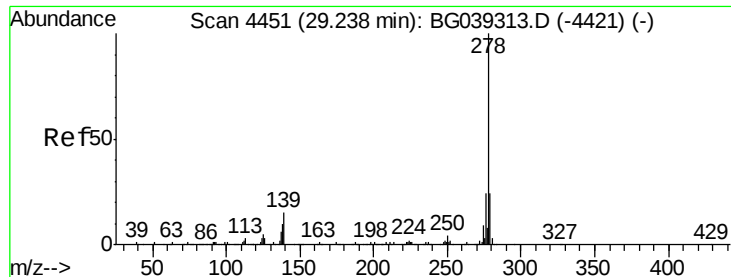


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.712 ng

RT: 29.16 min Scan# 4439

Delta R.T. -0.07 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

Instrument :

BNA_G

ClientSampleId :

PB117445BS

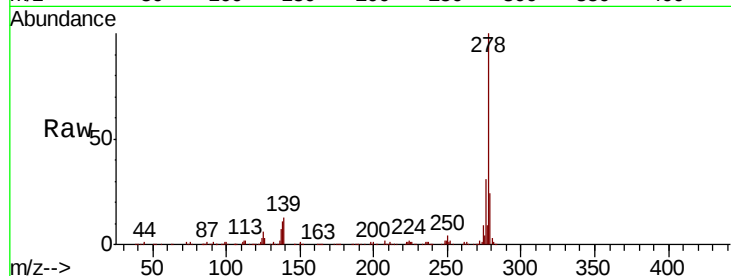
Tgt Ion:278 Resp: 877005

Ion Ratio Lower Upper

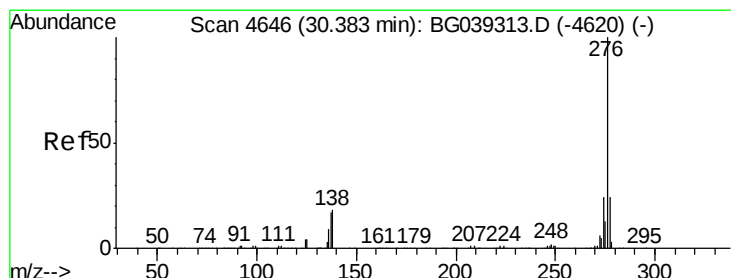
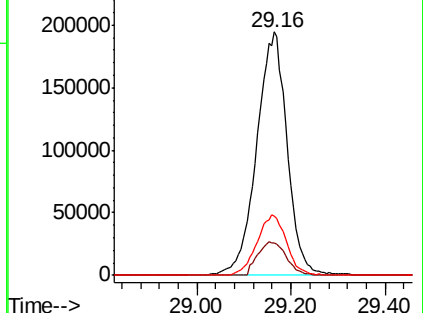
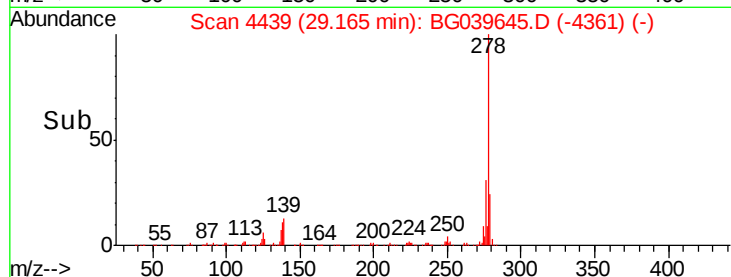
278 100

139 13.4 11.7 17.5

279 24.2 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: 47.128 ng

RT: 30.32 min Scan# 4635

Delta R.T. -0.07 min

Lab File: BG039645.D

Acq: 27 Feb 2019 21:55

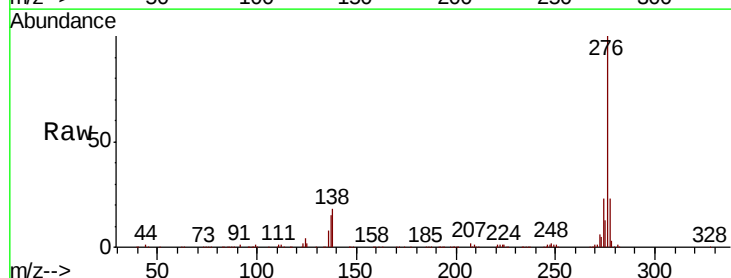
Tgt Ion:276 Resp: 901223

Ion Ratio Lower Upper

276 100

277 23.0 19.6 29.4

138 17.7 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

