

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040641.D
 Acq On : 26 Apr 2019 23:46
 Operator : JU/SJ
 Sample : PB119239BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

Quant Time: Apr 27 02:05:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44945	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	183761	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	126753	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	343374	20.00	ng	0.00
76) Chrysene-d12	21.82	240	353123	20.00	ng	0.00
87) Perylene-d12	25.19	264	375732	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	390458	153.14	ng	0.00
7) Phenol-d6	7.30	99	566873	144.40	ng	0.00
23) Nitrobenzene-d5	9.34	82	341608	85.90	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	257669	147.89	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	686757	78.25	ng	0.00
79) Terphenyl-d14	20.12	244	1415908	88.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	45650	39.369	ng	94
3) Pyridine	3.95	79	122749	36.522	ng	99
4) n-Nitrosodimethylamine	3.88	42	74008	39.699	ng	# 98
6) Aniline	7.47	93	158454	30.452	ng	95
8) 2-Chlorophenol	7.71	128	123000	39.508	ng	92
9) Benzaldehyde	7.29	77	115523	53.749	ng	94
10) Phenol	7.32	94	174195	41.278	ng	91
11) bis(2-Chloroethyl)ether	7.57	93	119277	37.692	ng	93
12) 1,3-Dichlorobenzene	8.04	146	131038	38.562	ng	96
13) 1,4-Dichlorobenzene	8.19	146	134024	38.907	ng	96
14) 1,2-Dichlorobenzene	8.51	146	125344	37.730	ng	99
15) Benzyl Alcohol	8.39	79	155989	38.187	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	235098	37.315	ng	99
17) 2-Methylphenol	8.58	107	119528	40.023	ng	93
18) Hexachloroethane	9.24	117	53623	37.948	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	122900	34.777	ng	97
20) 3+4-Methylphenols	8.91	107	166571	40.038	ng	98
22) Acetophenone	8.98	105	207598	40.626	ng	# 98
24) Nitrobenzene	9.38	77	181172	42.697	ng	96
25) Isophorone	9.89	82	332902	37.579	ng	100
26) 2-Nitrophenol	10.09	139	68177	44.824	ng	91
27) 2,4-Dimethylphenol	10.12	122	132648	46.481	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	174004	39.150	ng	95
29) 2,4-Dichlorophenol	10.61	162	139646	43.042	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	147335	40.951	ng	99
31) Naphthalene	11.03	128	392802	40.235	ng	98
32) Benzoic acid	10.24	122	89200	45.658	ng	93
33) 4-Chloroaniline	11.13	127	94081	21.735	ng	99
34) Hexachlorobutadiene	11.30	225	106909	40.249	ng	99
35) Caprolactam	11.92	113	28724	22.424	ng	94
36) 4-Chloro-3-methylphenol	12.23	107	166094	40.581	ng	98
37) 2-Methylnaphthalene	12.63	142	290850	39.846	ng	98
38) 1-Methylnaphthalene	12.84	142	278049	38.971	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	190535	40.352	ng	98

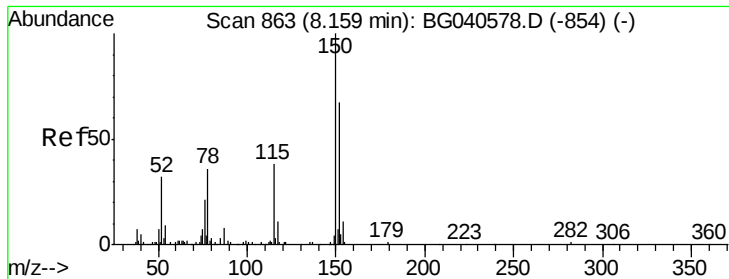
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040641.D
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	261193	93.742	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	126763	44.424	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	136065	43.773	ng	98
46) 1,1'-Biphenyl	13.62	154	385772	39.200	ng	96
47) 2-Chloronaphthalene	13.67	162	310257	40.285	ng	98
48) 2-Nitroaniline	13.87	65	128452	46.855	ng	97
49) Acenaphthylene	14.51	152	495875	37.949	ng	99
50) Dimethylphthalate	14.24	163	416304	39.255	ng	99
51) 2,6-Dinitrotoluene	14.36	165	90248	43.602	ng	98
52) Acenaphthene	14.85	154	295976	38.895	ng	95
53) 3-Nitroaniline	14.69	138	68634	32.363	ng	94
54) 2,4-Dinitrophenol	14.89	184	99055	84.429	ng	# 80
55) Dibenzofuran	15.18	168	492284	39.497	ng	99
56) 4-Nitrophenol	14.98	139	163632	88.982	ng	94
57) 2,4-Dinitrotoluene	15.14	165	130844	46.522	ng	96
58) Fluorene	15.83	166	395048	39.214	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	141116	45.104	ng	92
60) Diethylphthalate	15.59	149	441095	39.421	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	232884	39.747	ng	99
62) 4-Nitroaniline	15.86	138	102590	43.245	ng	99
63) Azobenzene	16.11	77	454735	39.462	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	70127	42.418	ng	99
66) n-Nitrosodiphenylamine	16.03	169	367512	36.379	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	158486	37.047	ng	96
68) Hexachlorobenzene	16.82	284	167459	37.857	ng	95
69) Atrazine	16.97	200	162065	40.490	ng	99
70) Pentachlorophenol	17.17	266	217944	84.199	ng	98
71) Phenanthrene	17.57	178	714304	38.621	ng	99
72) Anthracene	17.66	178	741252	39.873	ng	99
73) Carbazole	17.93	167	673950	39.791	ng	98
74) Di-n-butylphthalate	18.47	149	824946	40.353	ng	99
75) Fluoranthene	19.58	202	968700	42.030	ng	98
77) Benzidine	19.75	184	503166	52.041	ng	99
78) Pyrene	19.94	202	958399	43.303	ng	100
80) Butylbenzylphthalate	20.81	149	380392	44.098	ng	98
81) Benzo(a)anthracene	21.80	228	937121	41.990	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	235496	29.605	ng	98
83) Chrysene	21.87	228	913081	43.020	ng	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	534038	42.888	ng	99
85) Di-n-octyl phthalate	22.94	149	916179	43.689	ng	100
86) Indeno(1,2,3-cd)pyrene	29.08	276	1113698	43.399	ng	93
88) Benzo(b)fluoranthene	24.11	252	958501	41.746	ng	100
89) Benzo(k)fluoranthene	24.18	252	923097	43.049	ng	99
90) Benzo(a)pyrene	25.04	252	925242	42.571	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	912425	41.485	ng	98
92) Benzo(g,h,i)perylene	30.29	276	912935	41.707	ng	100

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

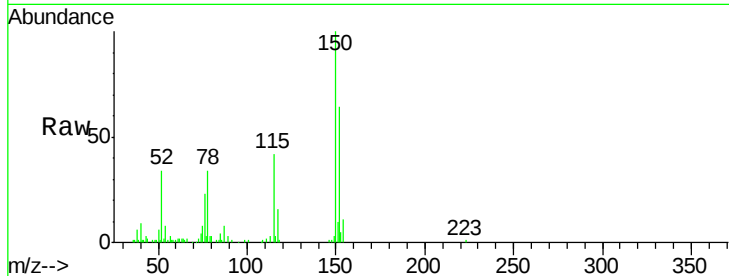


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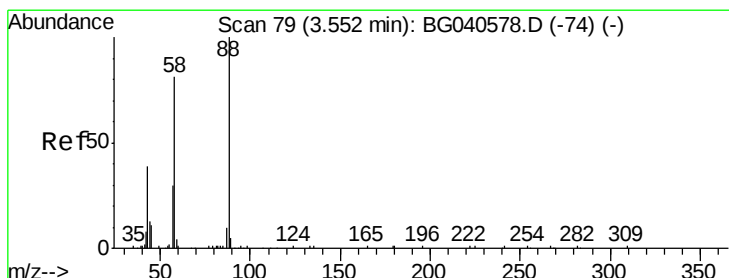
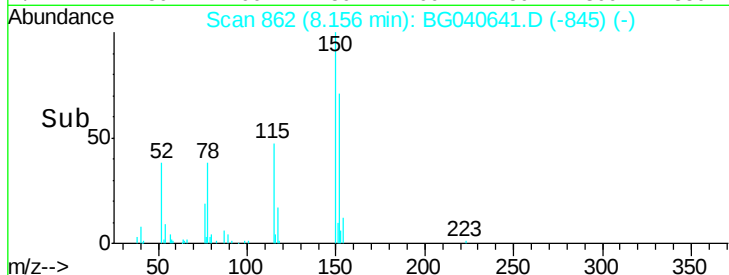
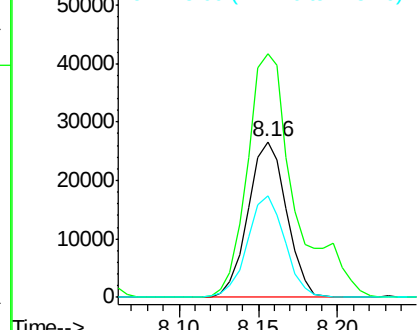
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Instrument :
BNA_G
ClientSampleId :
PB119239BS

Tot Ion:152 Resp: 44945
Ion Ratio Lower Upper
152 100
150 156.7 120.2 180.2
115 65.4 46.2 69.2



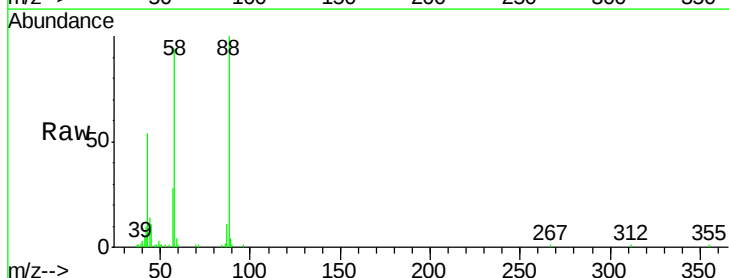
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



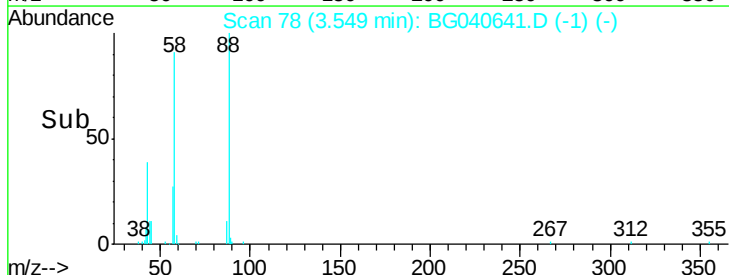
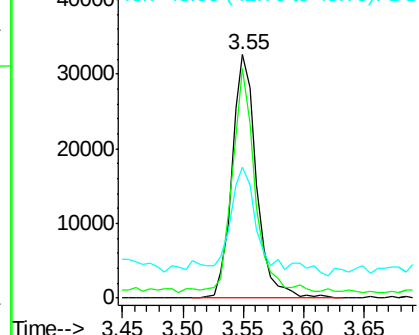
#2

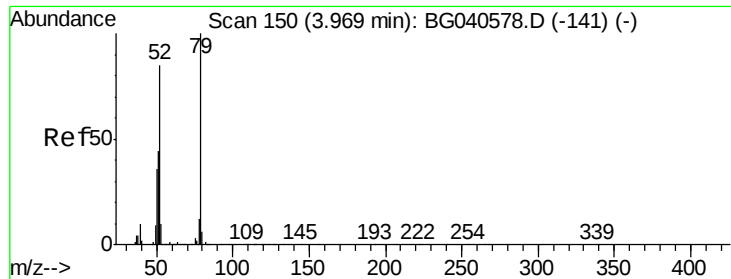
1,4-Dioxane
Concen: 39.369 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion: 88 Resp: 45650
Ion Ratio Lower Upper
88 100
58 83.2 71.2 106.8
43 41.3 35.6 53.4



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

Pvridine

Concen: 36.522 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

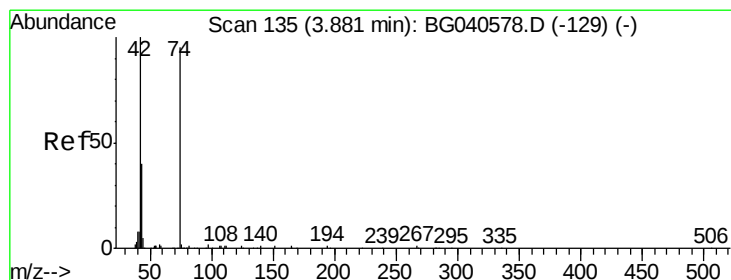
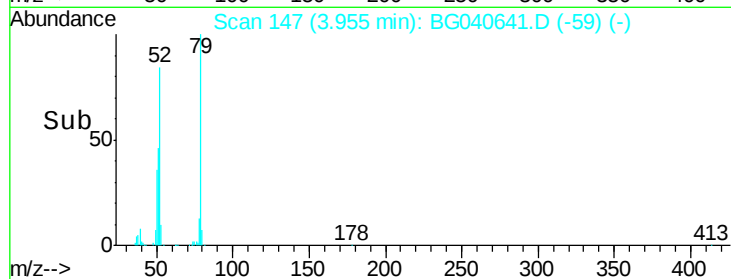
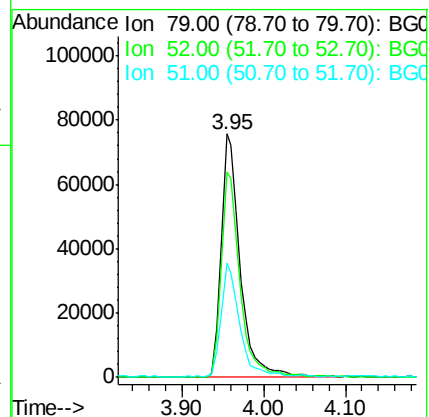
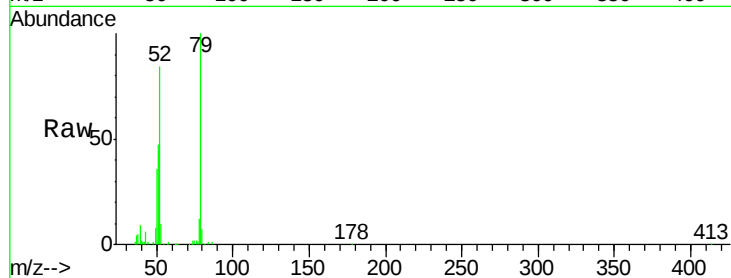
Tot Ion: 79 Resp: 122749

Ion Ratio Lower Upper

79 100

52 84.3 67.5 101.3

51 46.9 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 39.699 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

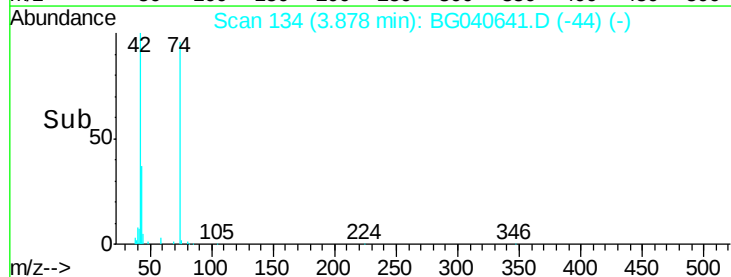
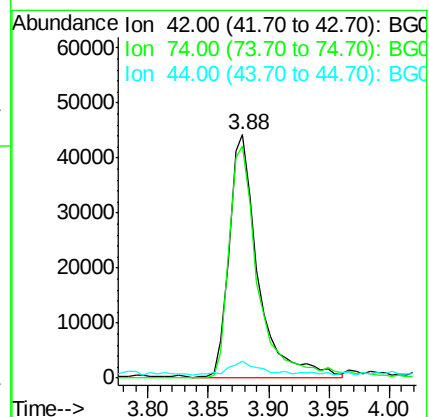
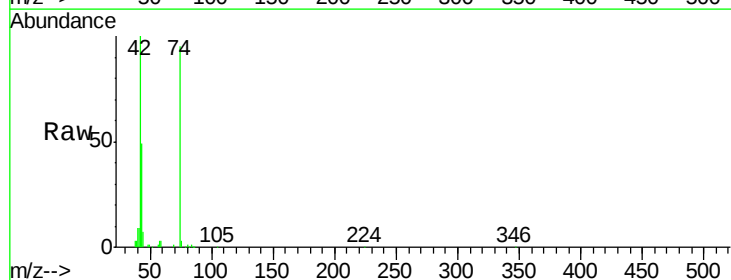
Tgt Ion: 42 Resp: 74008

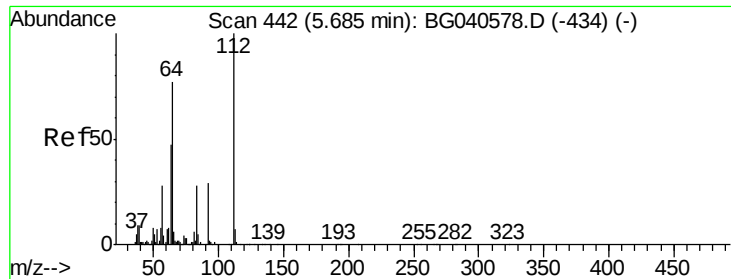
Ion Ratio Lower Upper

42 100

74 95.1 74.6 111.8

44 6.8 7.4 11.0#





#5

2-Fluorophenol

Concen: 153.140 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

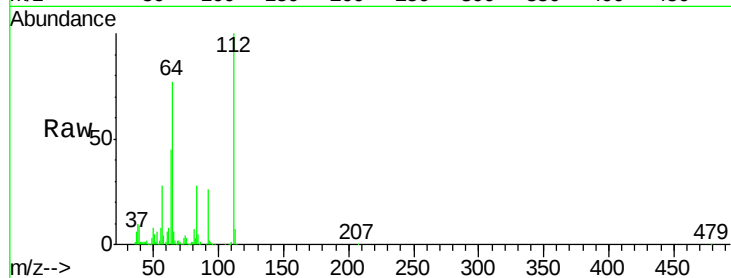
Tot Ion:112 Resp: 390458

Ion Ratio Lower Upper

112 100

64 77.2 61.4 92.0

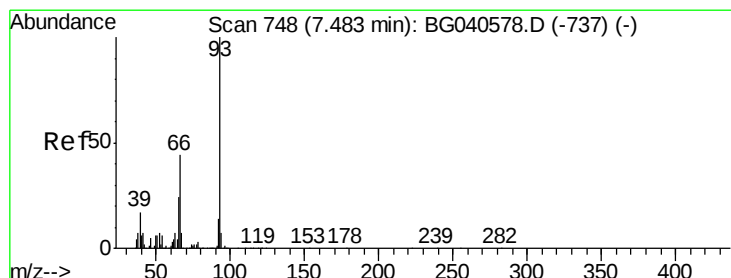
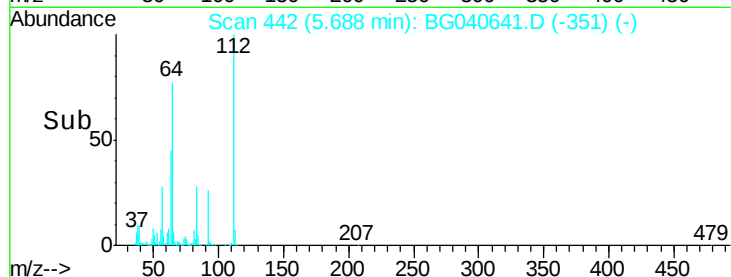
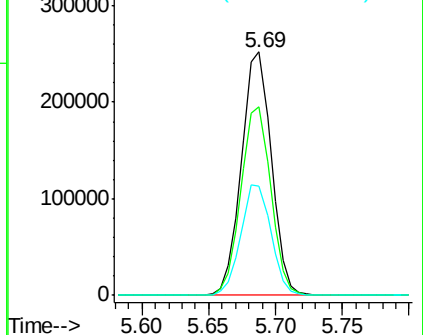
63 45.0 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.452 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

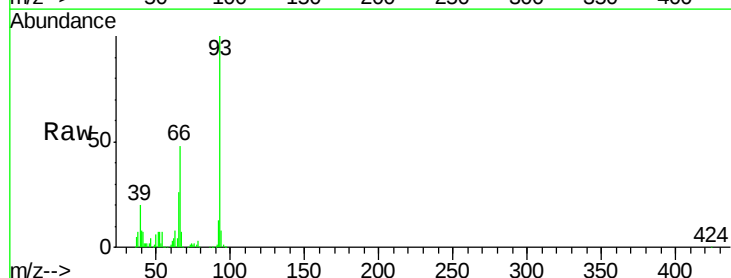
Tgt Ion: 93 Resp: 158454

Ion Ratio Lower Upper

93 100

66 47.8 35.5 53.3

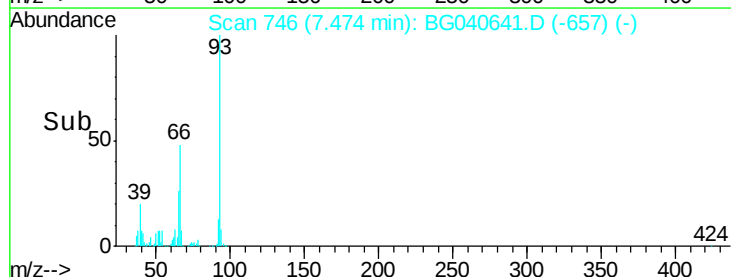
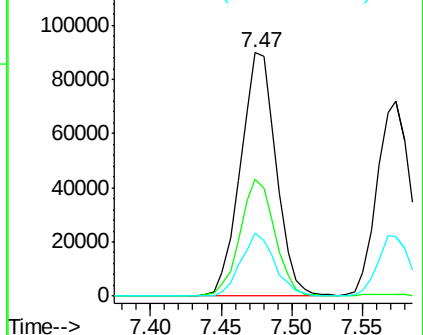
65 25.8 19.2 28.8

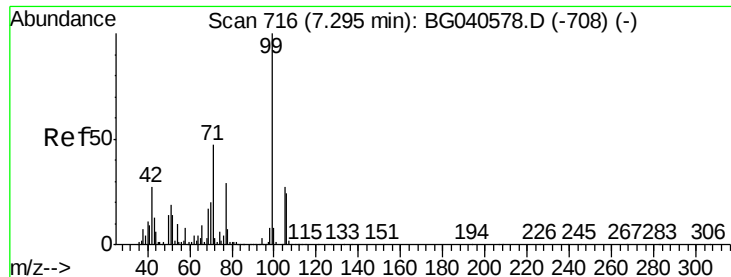


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.397 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

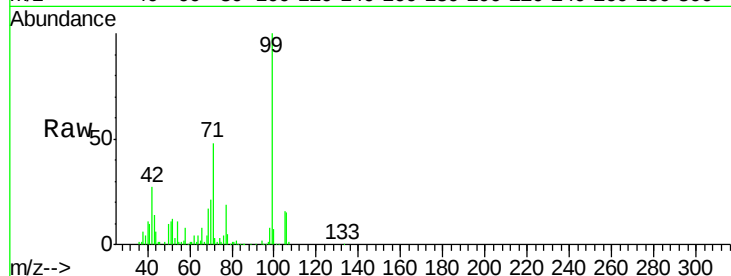
BNA_G

ClientSampleId :

PB119239BS

Tot Ion: 99 Resp: 566873

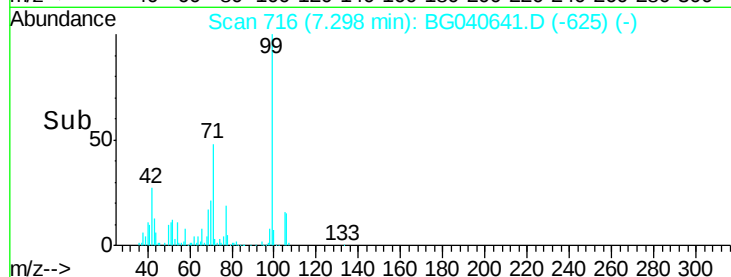
Ion	Ratio	Lower	Upper
99	100		
42	27.4	21.8	32.8
71	48.0	38.6	57.8



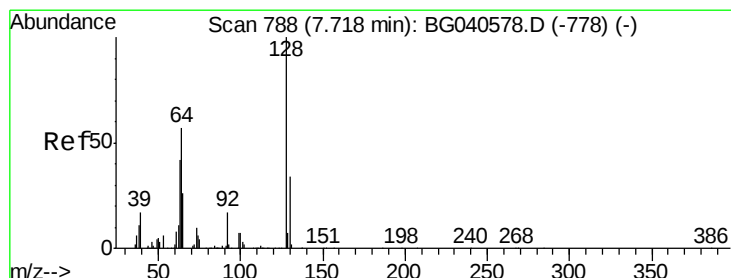
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 39.508 ng

RT: 7.71 min Scan# 787

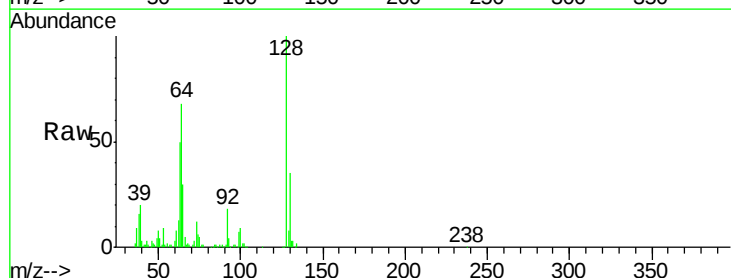
Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Tgt Ion: 128 Resp: 123000

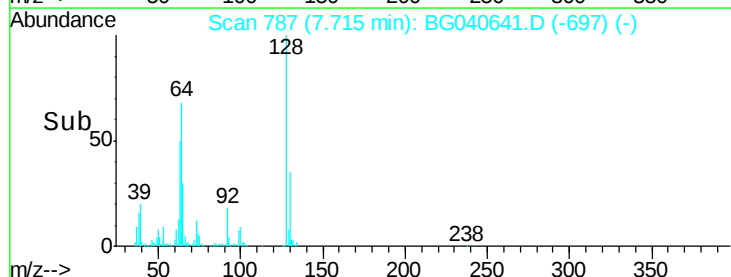
Ion	Ratio	Lower	Upper
128	100		
130	34.9	14.5	54.5
64	68.0	38.4	78.4



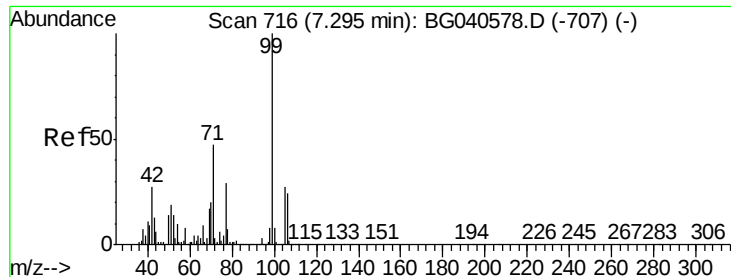
Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 53.749 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

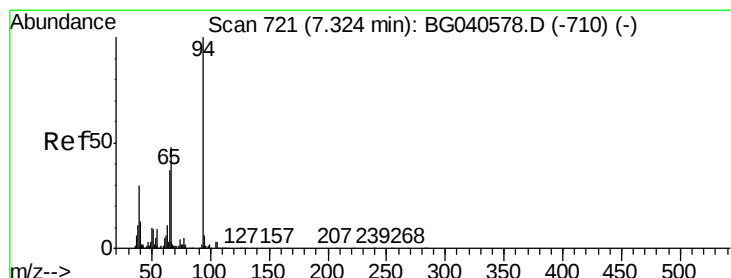
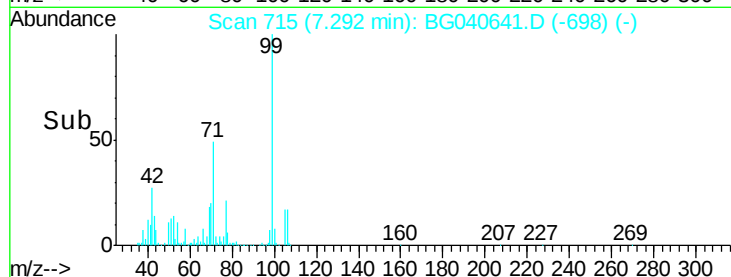
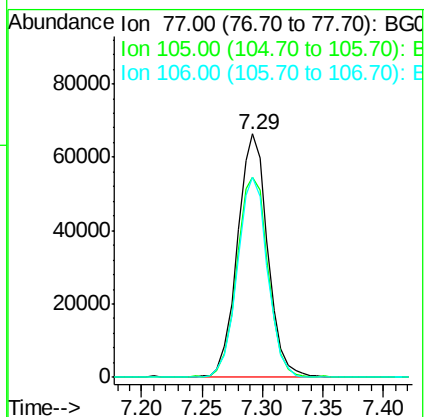
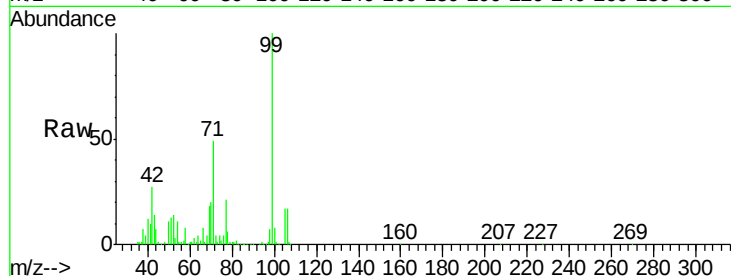
Tot Ion: 77 Resp: 115523

Ion Ratio Lower Upper

77 100

105 82.2 72.0 112.0

106 82.3 61.2 101.2



#10

Phenol

Concen: 41.278 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

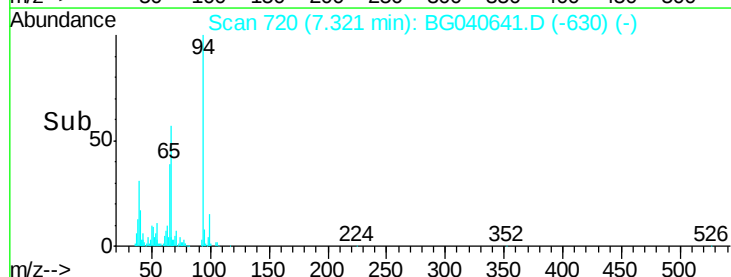
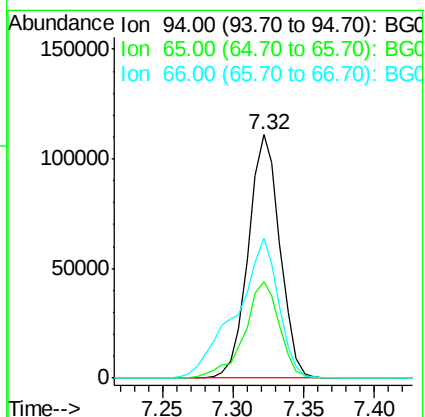
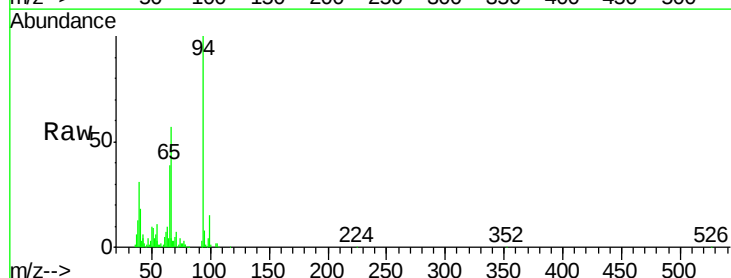
Tgt Ion: 94 Resp: 174195

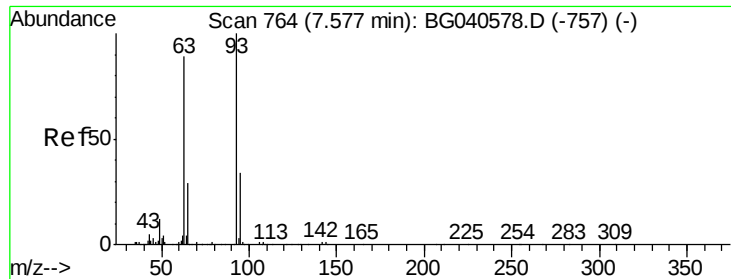
Ion Ratio Lower Upper

94 100

65 39.4 17.0 57.0

66 57.3 28.6 68.6

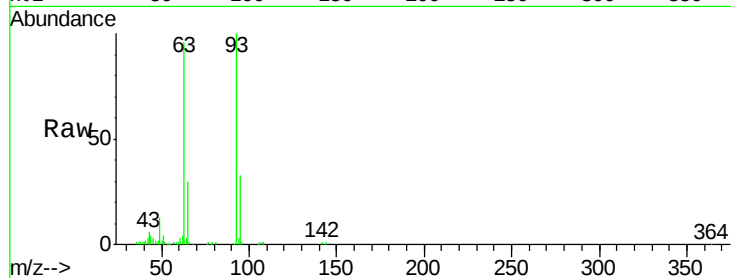




#11
bis(2-Chloroethyl)ether
Concen: 37.692 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Instrument :
BNA_G
ClientSampleId :
PB119239BS

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	96.5	68.2	108.2	
95	33.2	14.3	54.3	

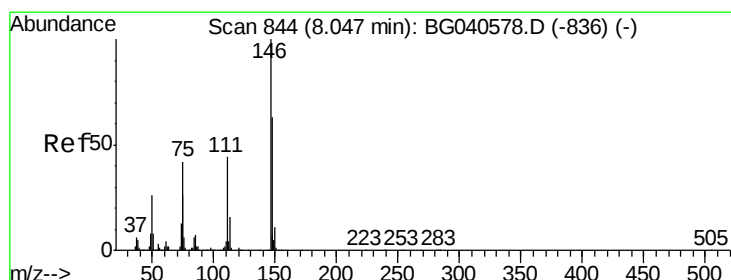
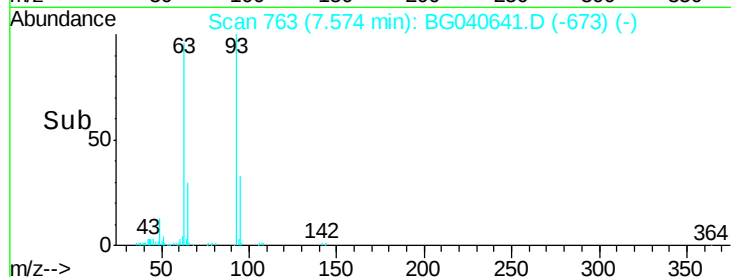
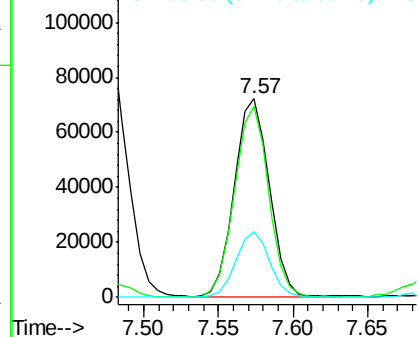


Abundance

Ion 93.00 (92.70 to 93.70): BGC

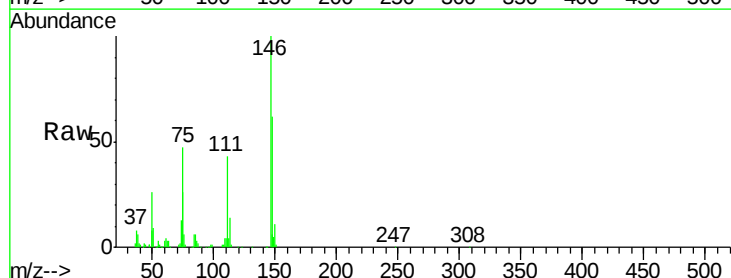
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 38.562 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	62.4	50.7	76.1	
75	46.6	33.4	50.2	

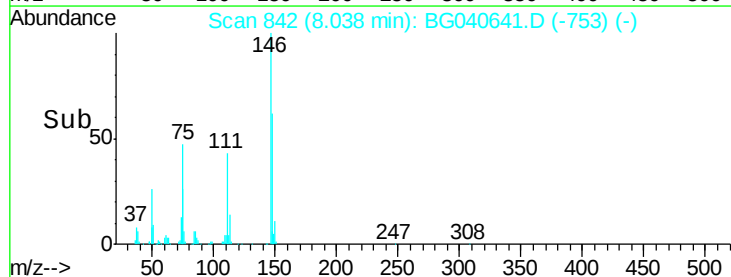
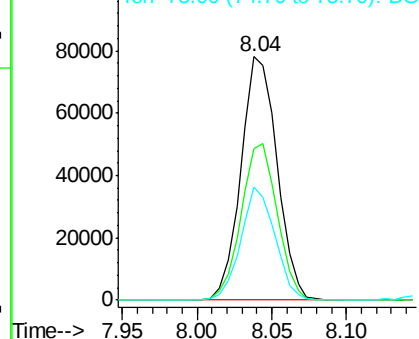


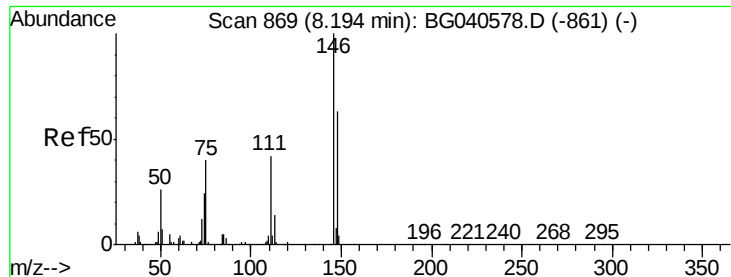
Abundance

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

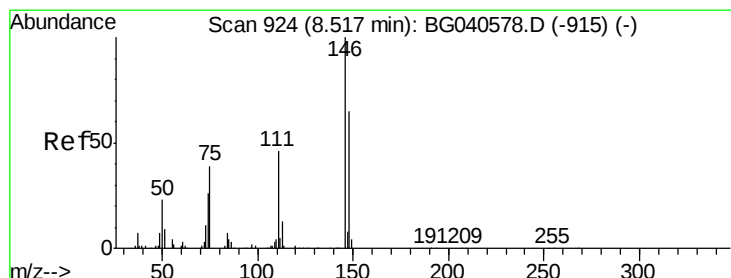
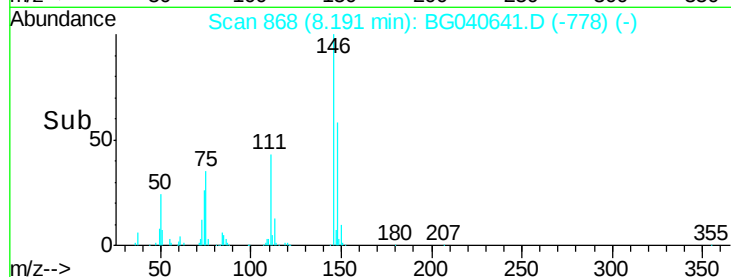
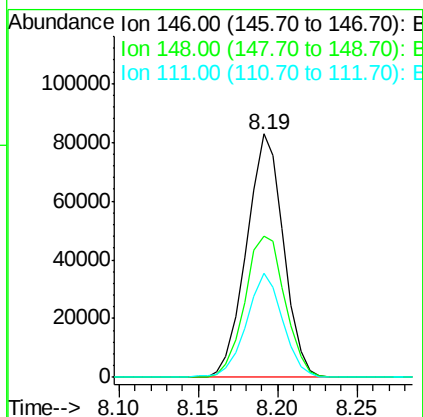
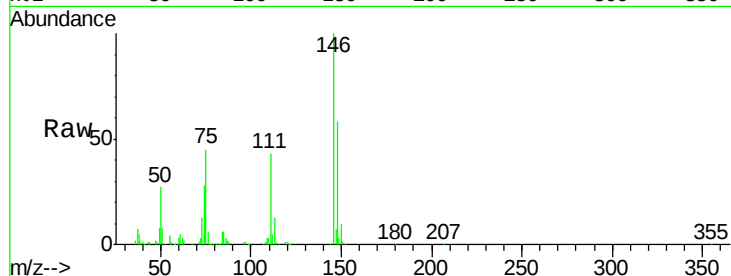




#13
 1,4-Dichlorobenzene
 Concen: 38.907 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

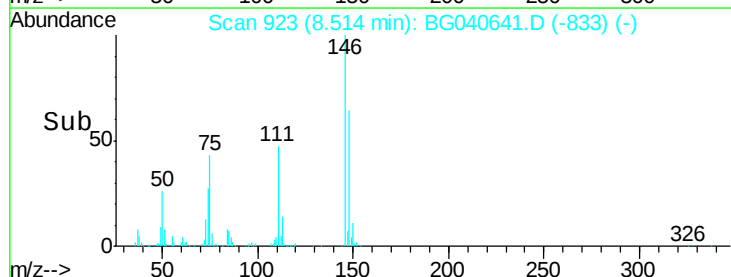
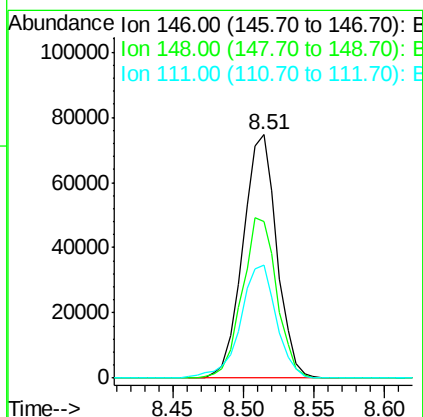
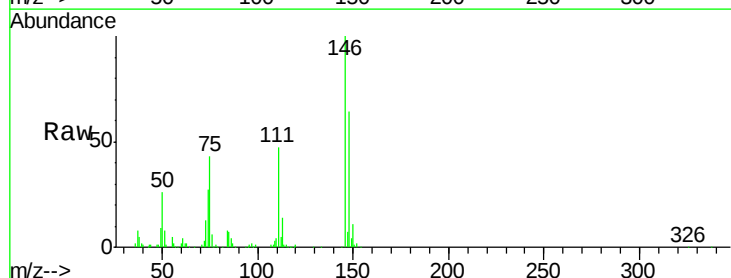
Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

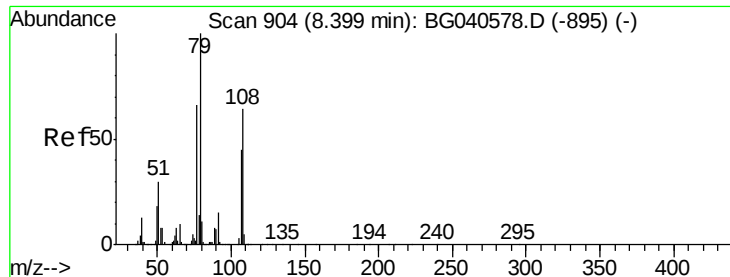
Tot Ion:146 Resp: 134024
 Ion Ratio Lower Upper
 146 100
 148 57.8 50.6 75.8
 111 42.7 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 37.730 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Tgt Ion:146 Resp: 125344
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.4
 111 46.7 37.4 56.0





#15

Benzyl Alcohol

Concen: 38.187 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

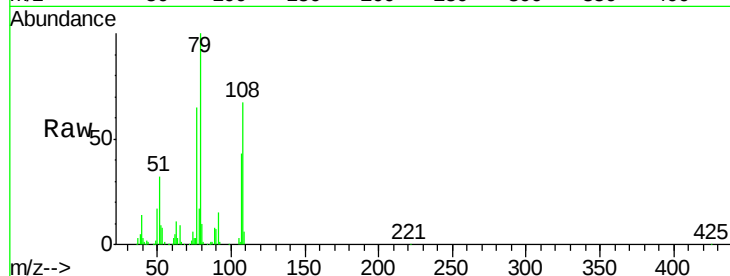
Tot Ion: 79 Resp: 155989

Ion Ratio Lower Upper

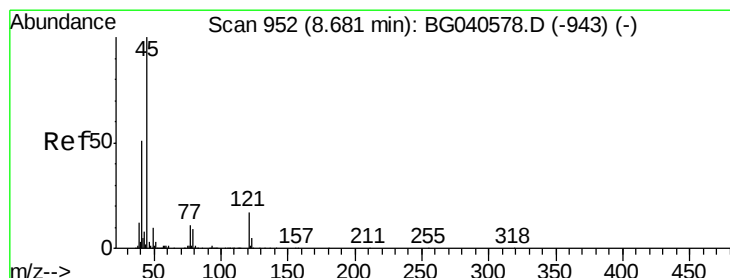
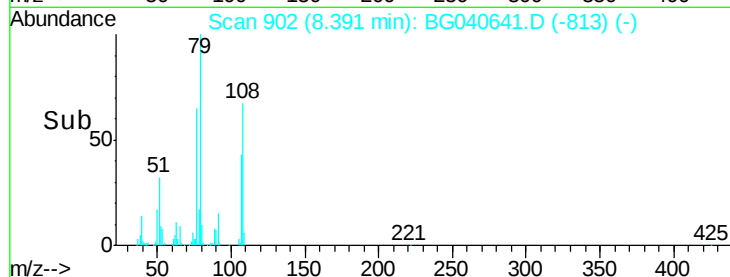
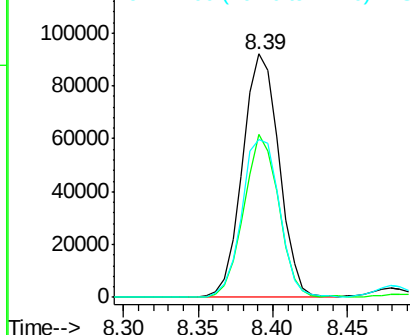
79 100

108 67.1 51.4 77.0

77 65.0 52.6 79.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.315 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

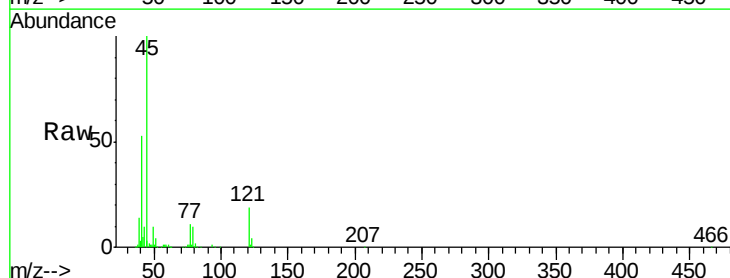
Tgt Ion: 45 Resp: 235098

Ion Ratio Lower Upper

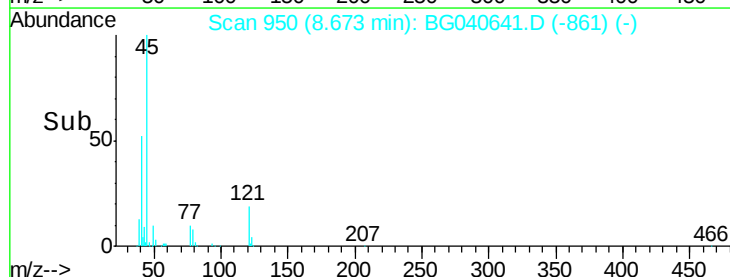
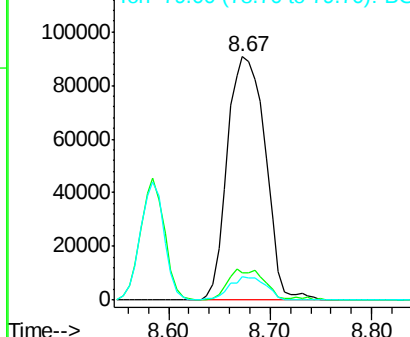
45 100

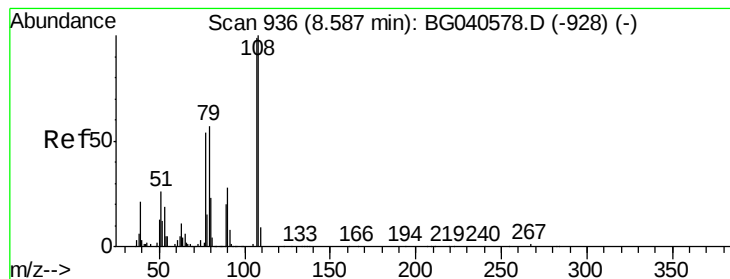
77 11.0 0.0 31.5

79 9.7 0.0 29.4



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





#17

2-Methylphenol

Concen: 40.023 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

Tot Ion:107 Resp: 119528

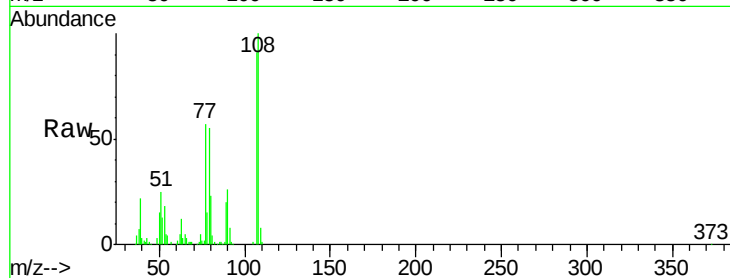
Ion Ratio Lower Upper

107 100

108 109.8 81.2 121.8

77 62.7 44.4 66.6

79 60.9 47.0 70.4

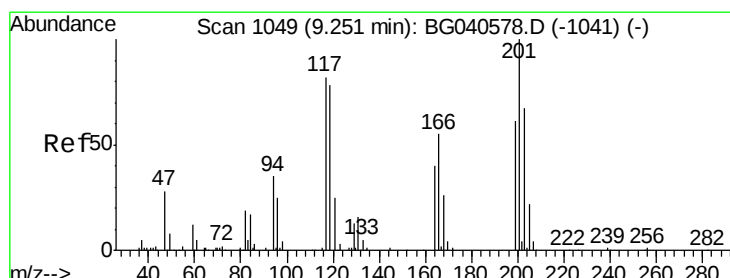
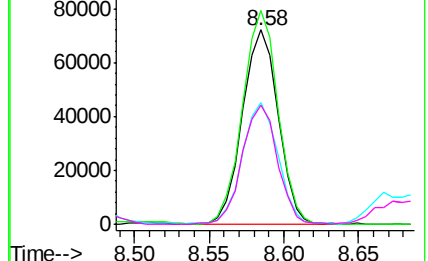
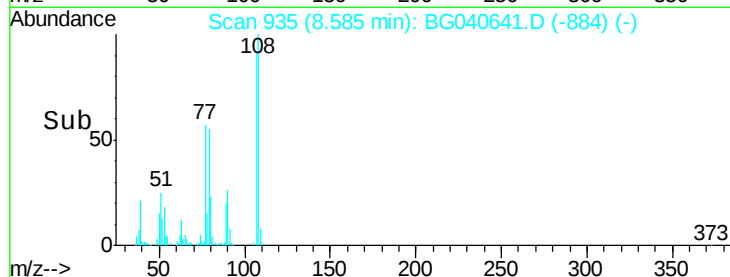


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.948 ng

RT: 9.24 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

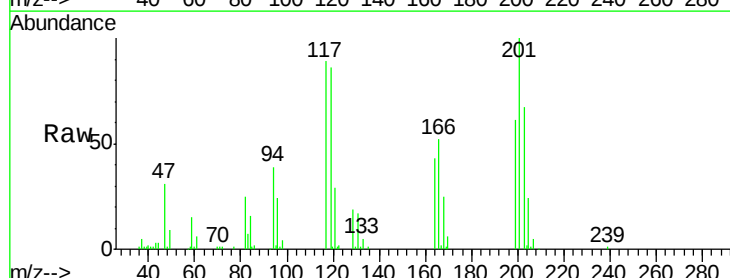
Tgt Ion:117 Resp: 53623

Ion Ratio Lower Upper

117 100

119 97.3 76.6 114.8

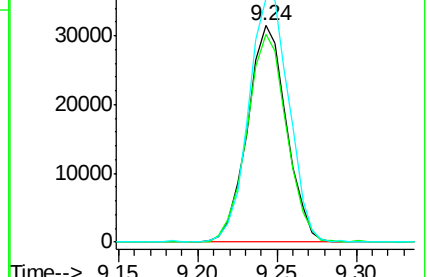
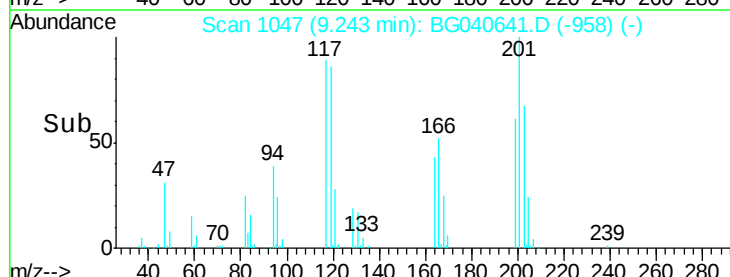
201 112.4 101.0 151.6

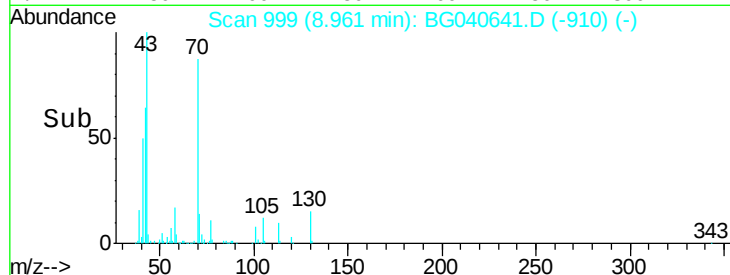
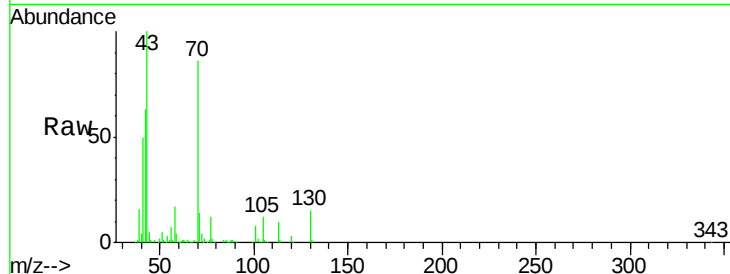
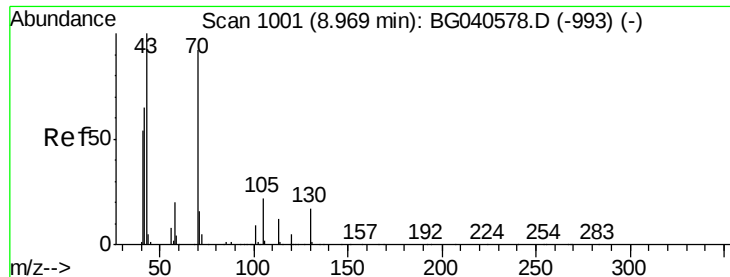


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

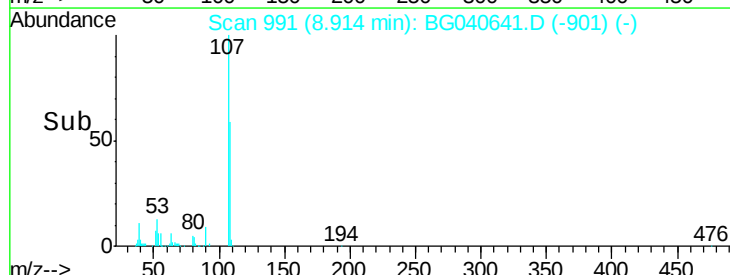
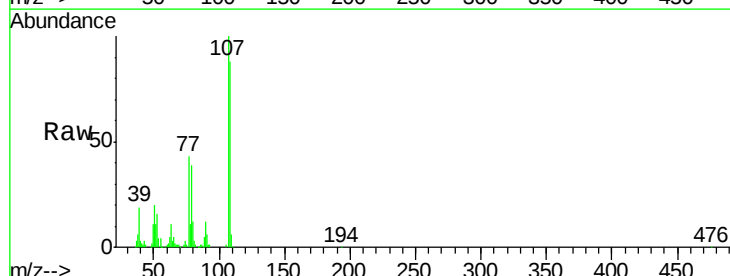
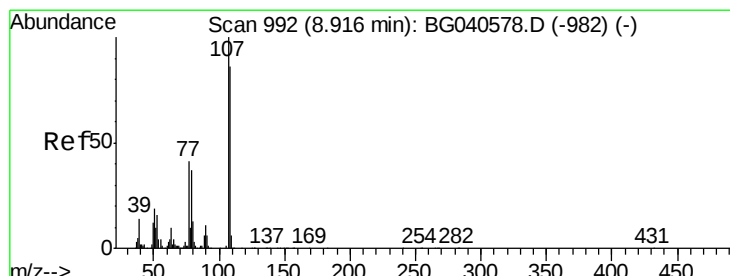
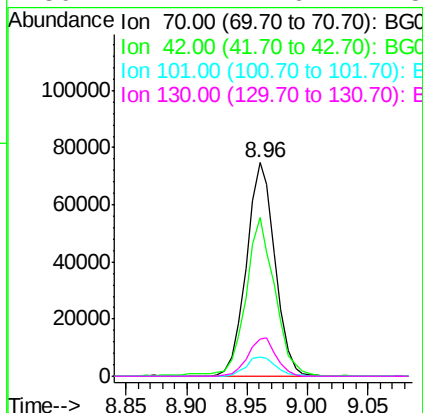




#19
n-Nitroso-di-n-propylamine
Concen: 34.777 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

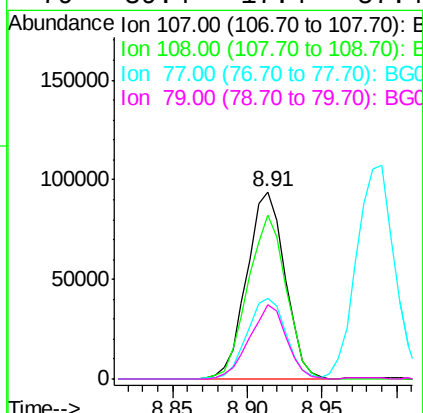
Instrument :
BNA_G
ClientSampleId :
PB119239BS

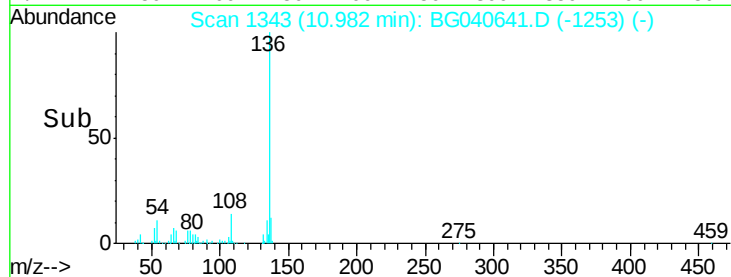
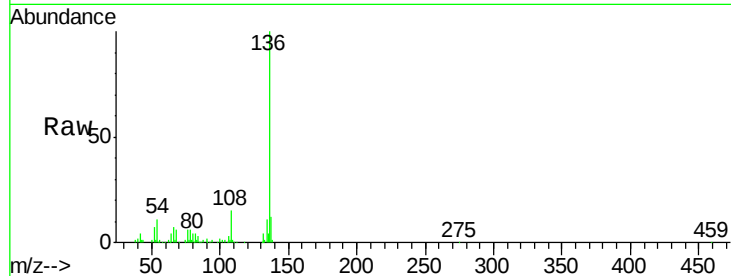
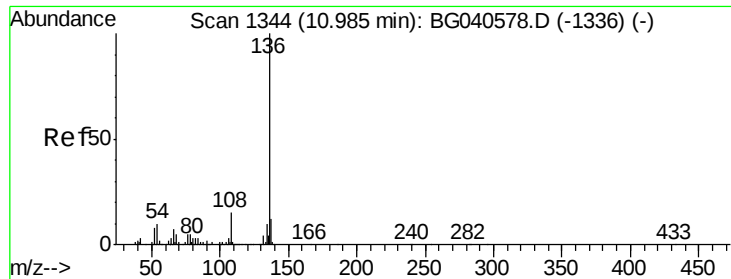
Tot Ion:	70	Resp:	122900
Ion	Ratio	Lower	Upper
70	100		
42	74.2	57.1	85.7
101	9.1	7.8	11.8
130	17.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 40.038 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion:	107	Resp:	166571
Ion	Ratio	Lower	Upper
107	100		
108	87.7	66.1	106.1
77	43.1	21.6	61.6
79	39.4	17.4	57.4

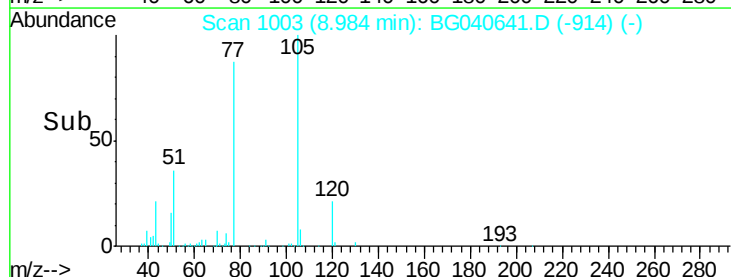
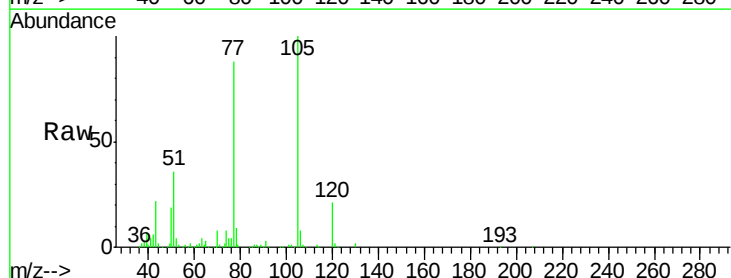
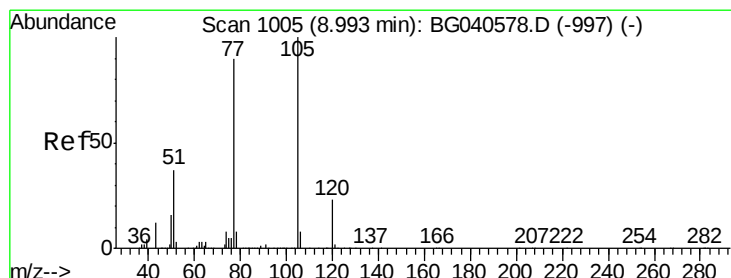
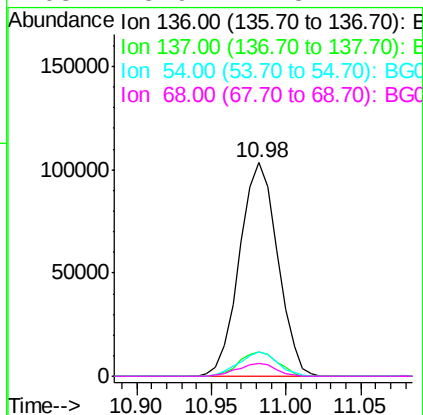




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

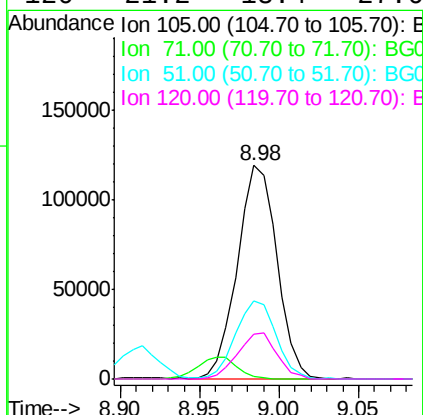
Instrument :
BNA_G
ClientSampleId :
PB119239BS

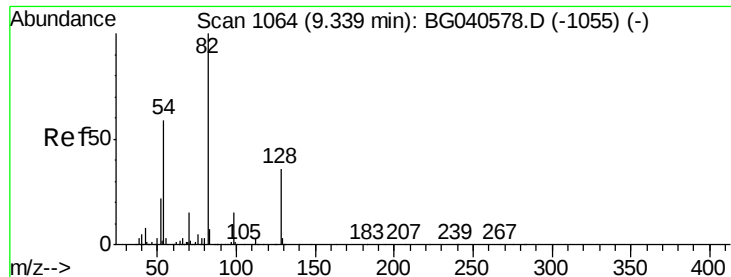
Tot Ion:136	Resp:	183761
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.7 14.5
54	11.2	8.6 12.8
68	5.9	4.8 7.2



#22
Acetophenone
Concen: 40.626 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion:105	Resp:	207598
Ion	Ratio	Lower Upper
105	100	
71	1.1	1.8 2.8#
51	36.3	29.8 44.8
120	21.2	18.4 27.6





#23

Nitrobenzene-d5

Concen: 85.896 ng

RT: 9.34 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

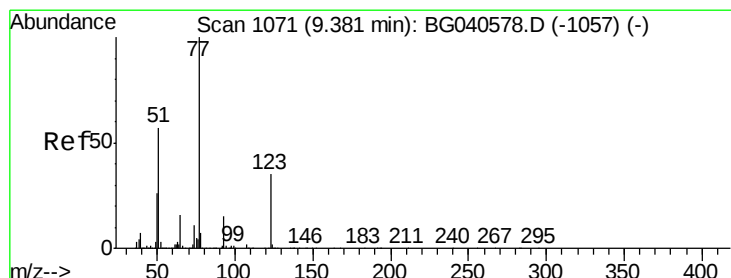
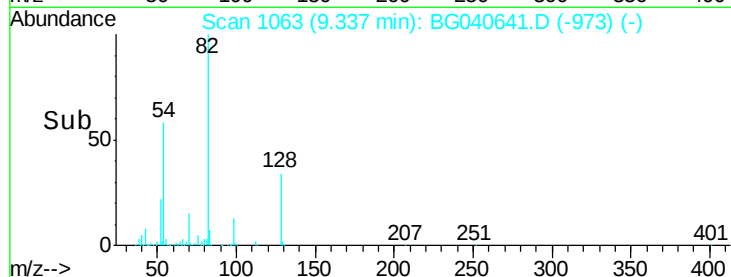
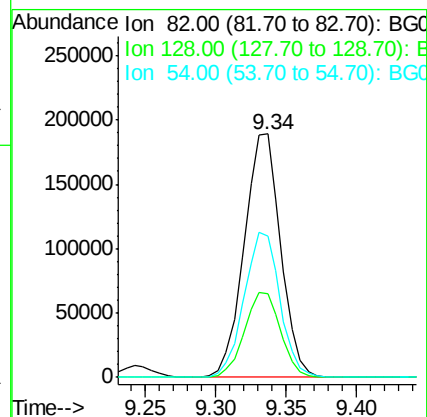
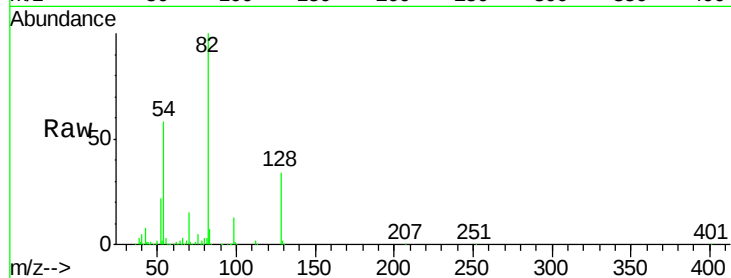
Tot Ion: 82 Resp: 341608

Ion Ratio Lower Upper

82 100

128 34.2 28.9 43.3

54 57.8 47.2 70.8



#24

Nitrobenzene

Concen: 42.697 ng

RT: 9.38 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

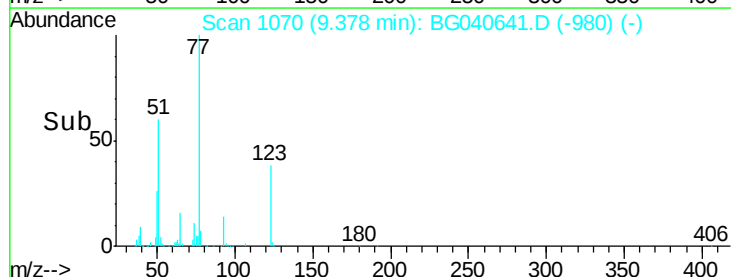
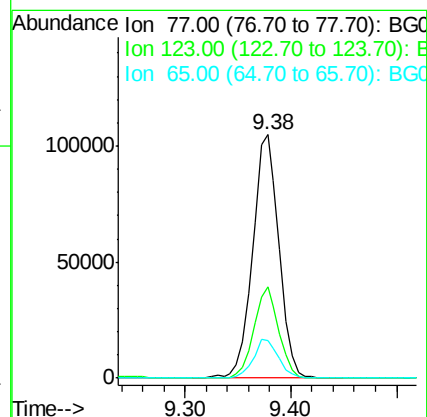
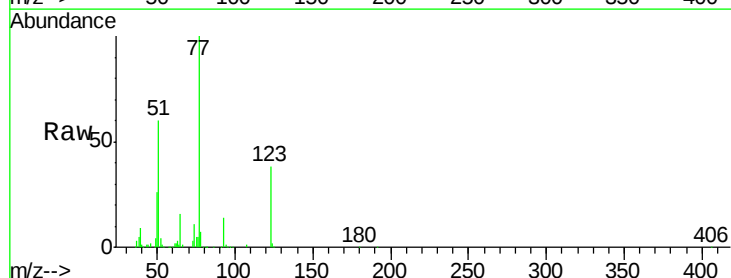
Tgt Ion: 77 Resp: 181172

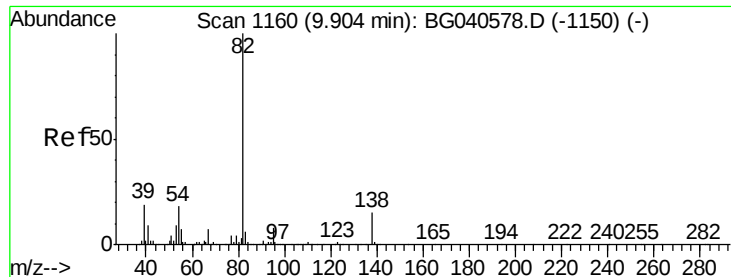
Ion Ratio Lower Upper

77 100

123 37.6 27.8 41.6

65 15.6 12.4 18.6





#25

Isophorone

Concen: 37.579 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

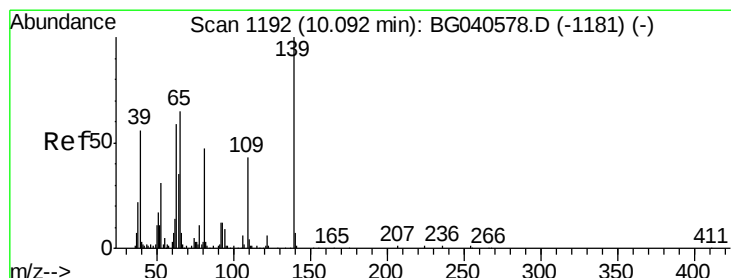
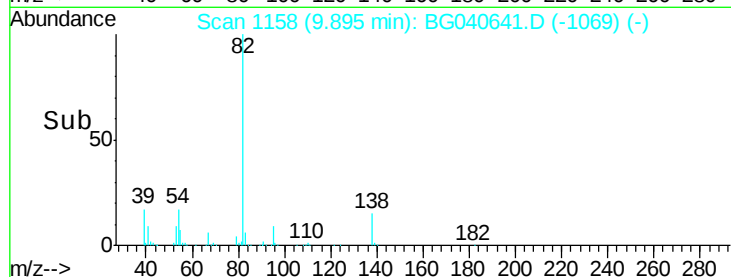
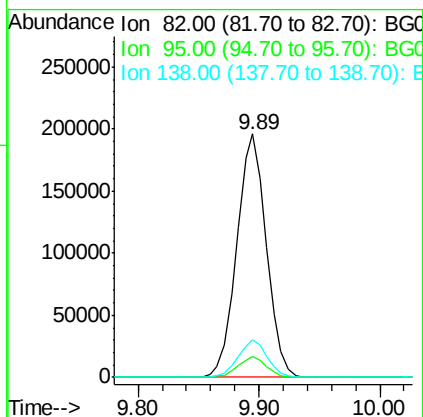
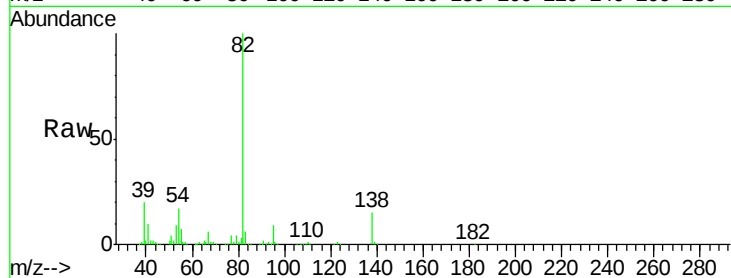
Tot Ion: 82 Resp: 332902

Ion Ratio Lower Upper

82 100

95 8.7 6.9 10.3

138 15.2 12.3 18.5



#26

2-Nitrophenol

Concen: 44.824 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

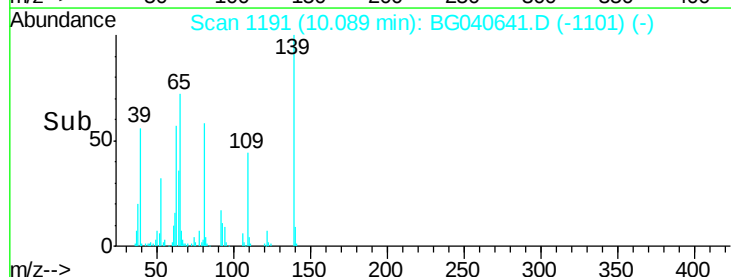
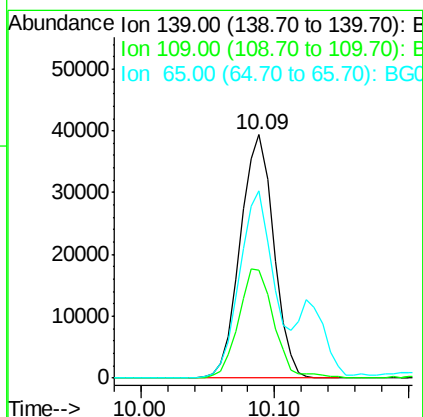
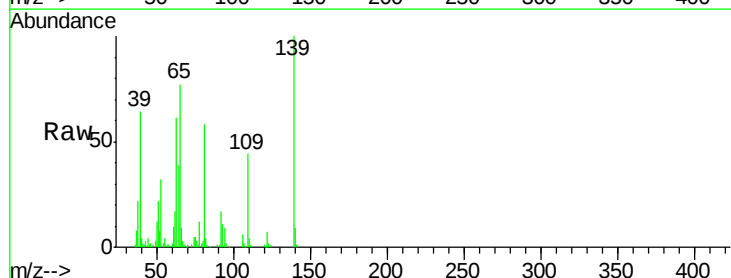
Tgt Ion: 139 Resp: 68177

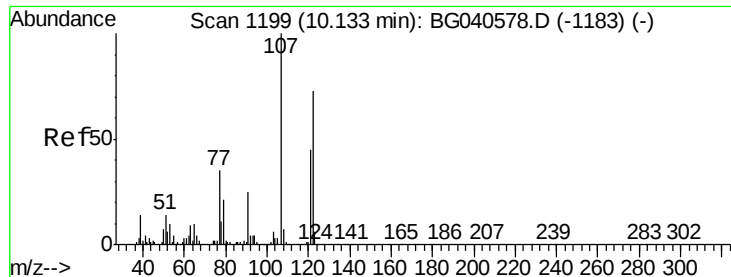
Ion Ratio Lower Upper

139 100

109 44.2 35.6 53.4

65 76.7 52.3 78.5

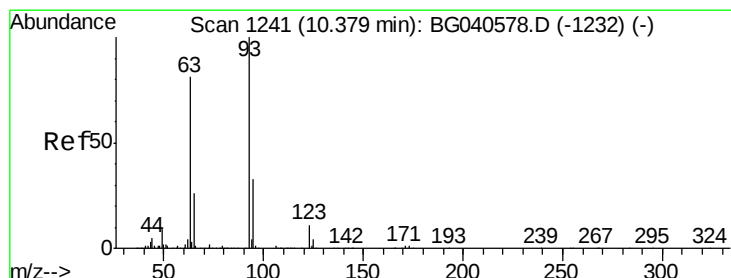
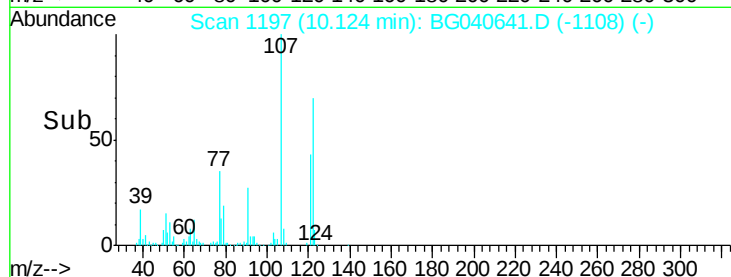
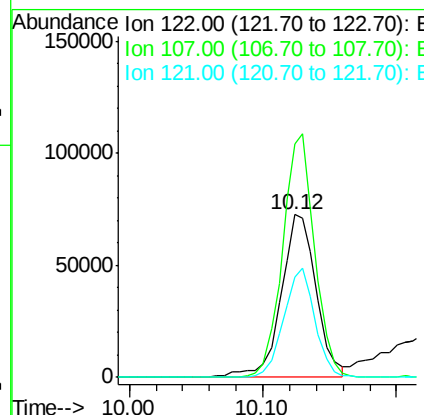
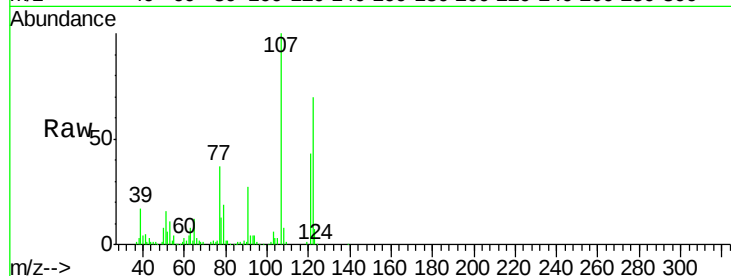




#27
 2,4-Dimethylphenol
 Concen: 46.481 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

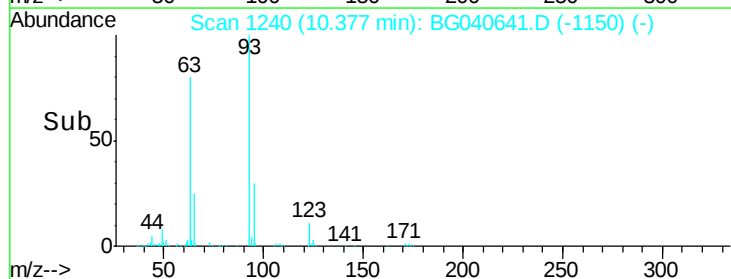
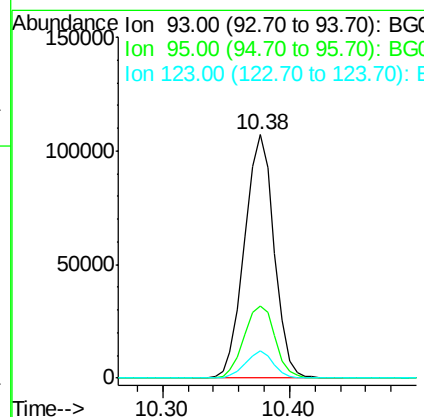
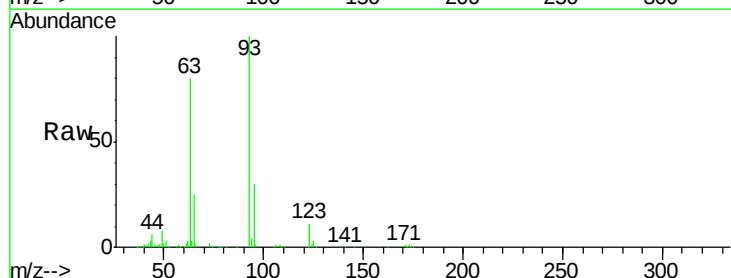
Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

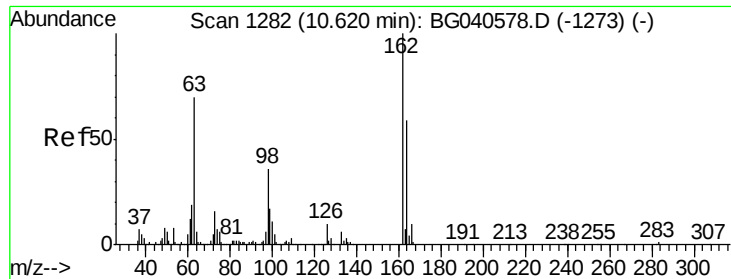
Tot Ion	Ratio	Lower	Upper
122	100		
107	143.5	110.1	165.1
121	61.6	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.150 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.6	26.6	40.0
123	11.2	9.0	13.4

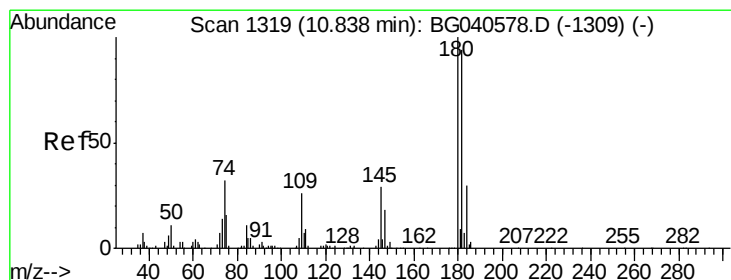
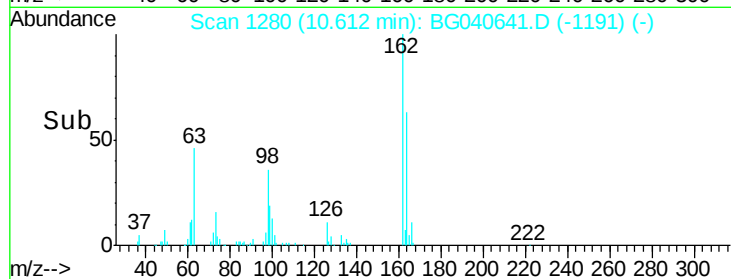
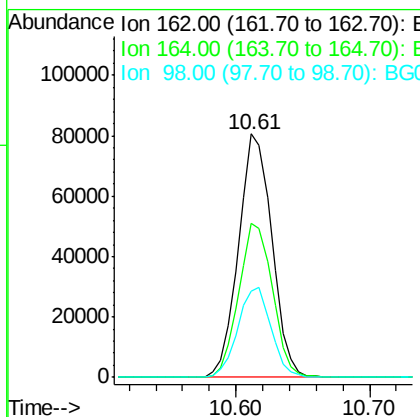
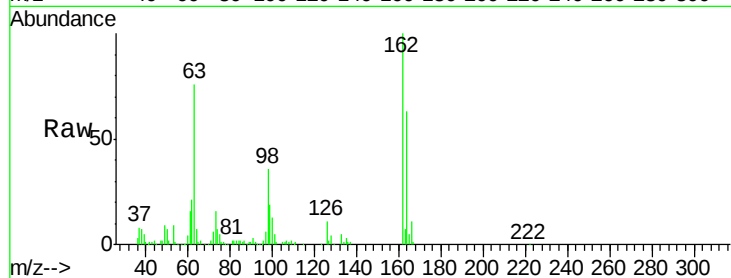




#29
2,4-Dichlorophenol
Concen: 43.042 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

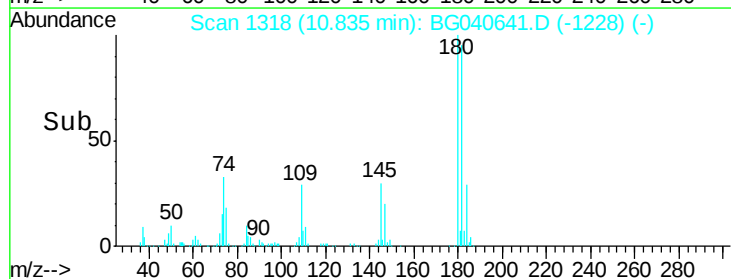
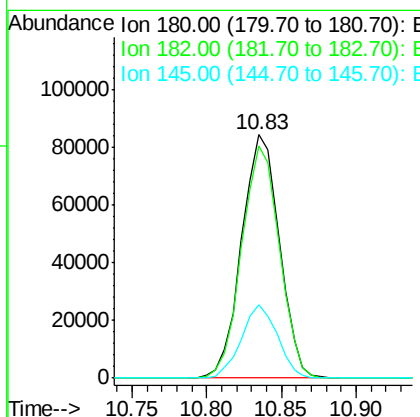
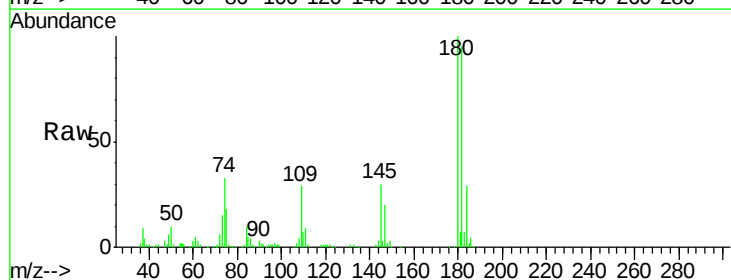
Instrument :
BNA_G
ClientSampleId :
PB119239BS

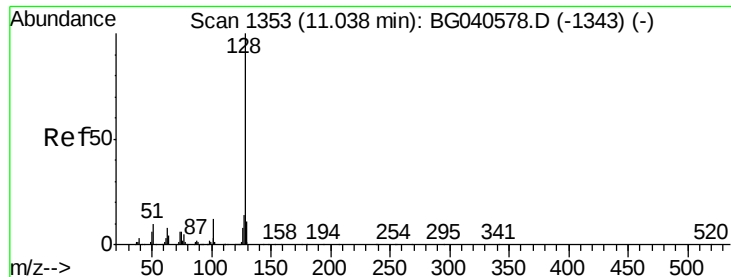
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	38.9	78.9
98	35.6	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 40.951 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.2	112.8
145	30.3	23.6	35.4

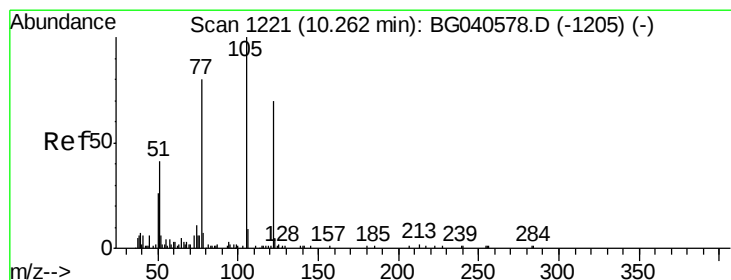
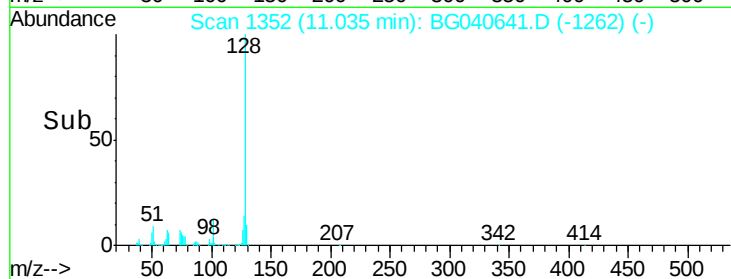
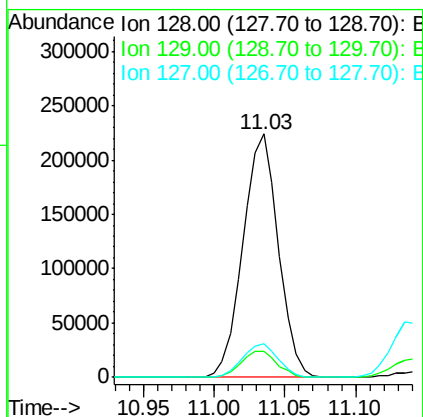
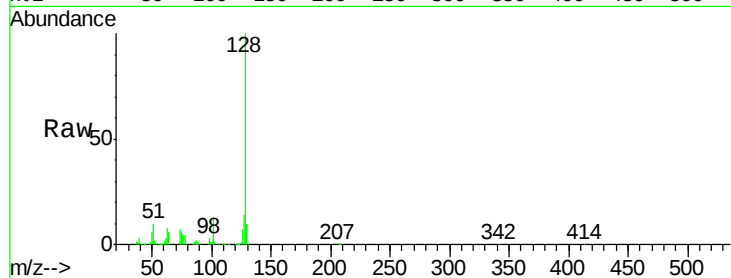




#31
Naphthalene
Concen: 40.235 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

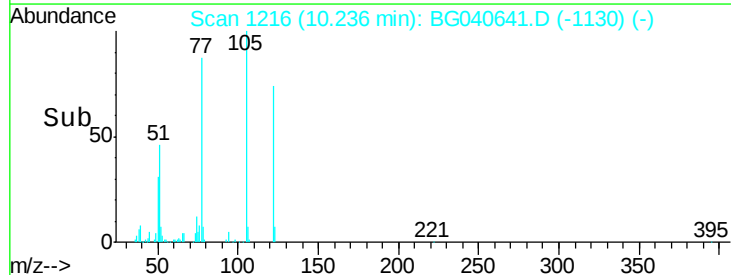
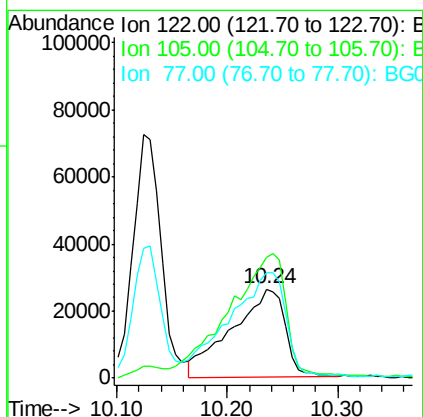
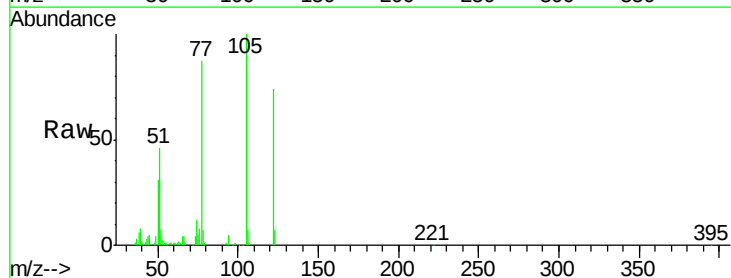
Instrument :
BNA_G
ClientSampleId :
PB119239BS

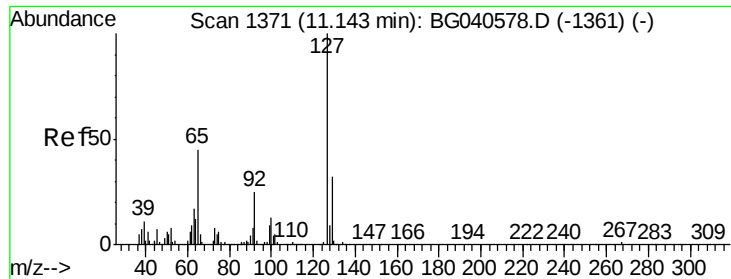
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	13.7	11.3	16.9



#32
Benzoic acid
Concen: 45.658 ng
RT: 10.24 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.5	110.9	150.9
77	118.4	87.6	127.6

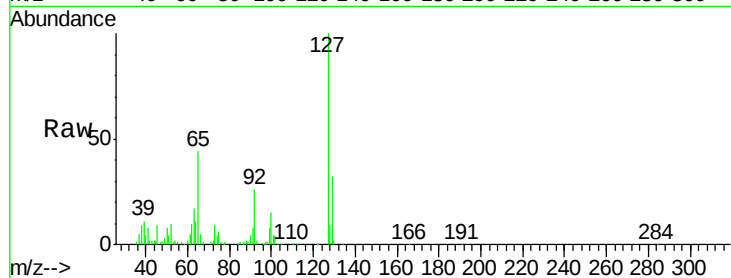




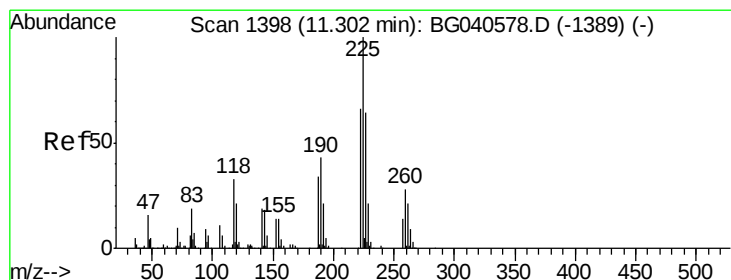
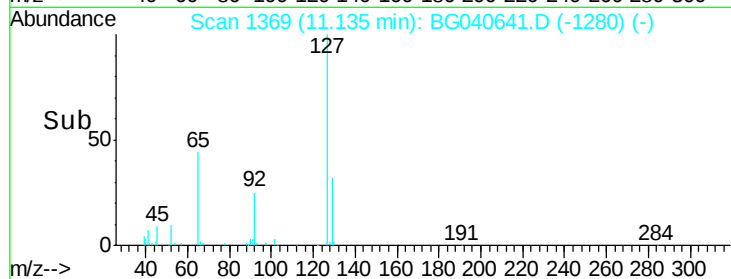
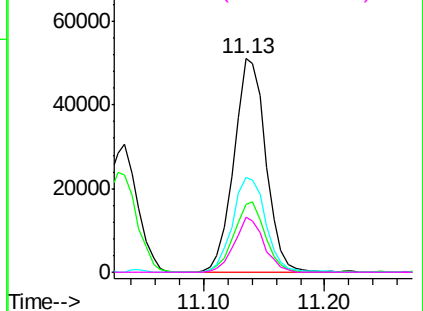
#33
4-Chloroaniline
Concen: 21.735 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Instrument :
BNA_G
ClientSampleId :
PB119239BS

Tot Ion:127	Resp:	94081	
Ion Ratio	Lower	Upper	
127 100			
129 31.8	25.7	38.5	
65 44.4	36.1	54.1	
92 25.6	20.1	30.1	

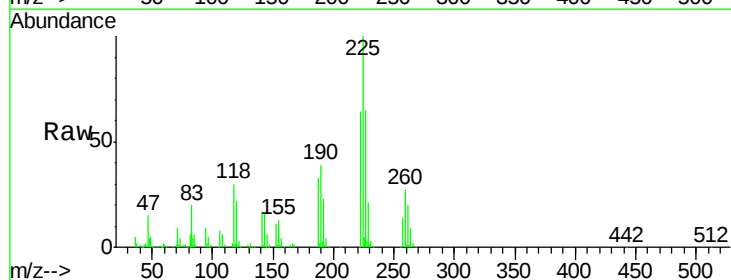


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

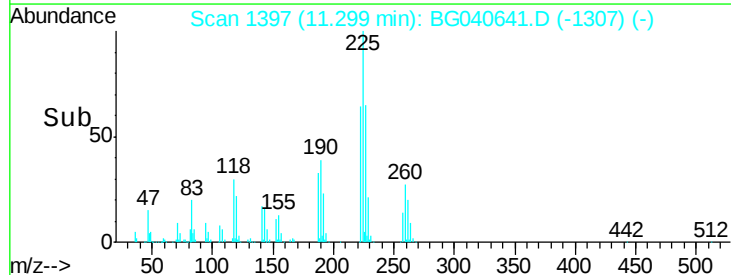
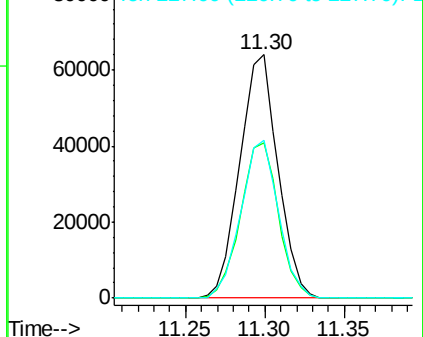


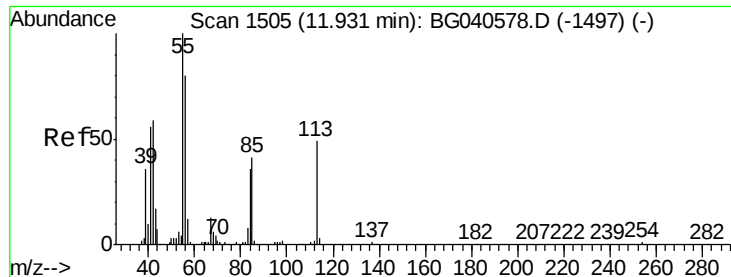
#34
Hexachlorobutadiene
Concen: 40.249 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt	Ion:225	Resp:	106909
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	64.7	51.0	76.6



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: 22.424 ng

RT: 11.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

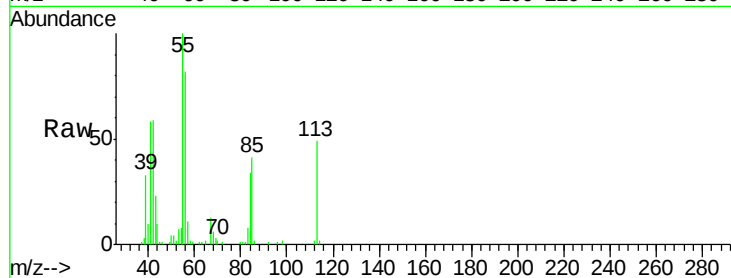
Tot Ion:113 Resp: 28724

Ion Ratio Lower Upper

113 100

55 203.1 198.6 238.6

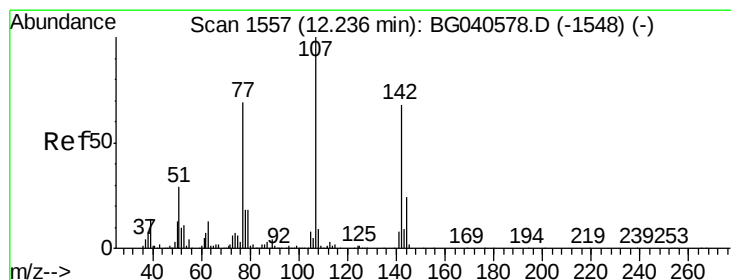
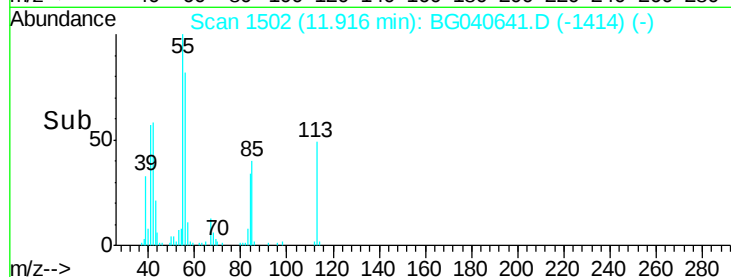
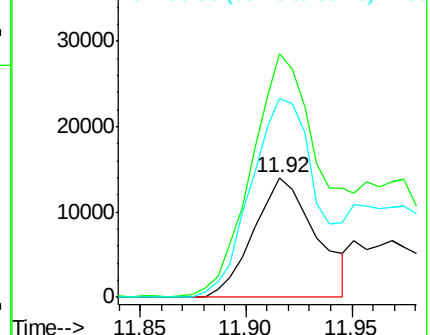
56 165.7 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.581 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

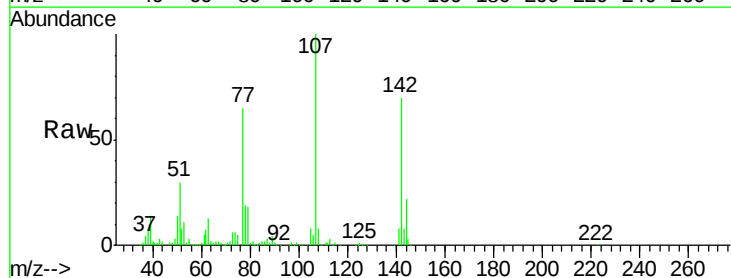
Tgt Ion:107 Resp: 166094

Ion Ratio Lower Upper

107 100

144 22.0 19.3 28.9

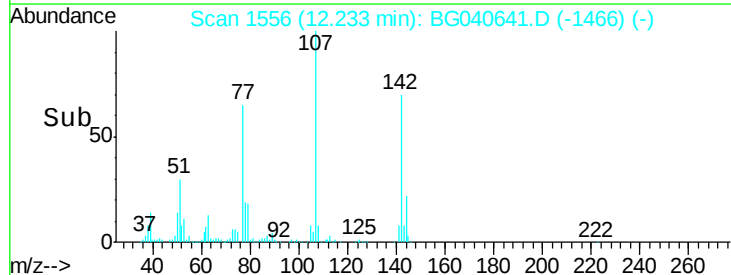
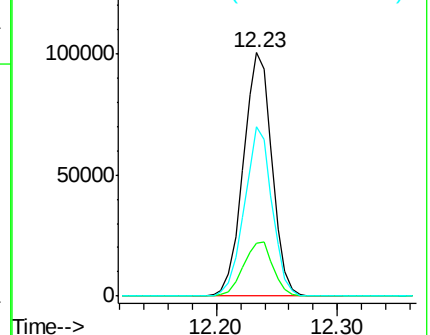
142 69.6 54.6 81.8

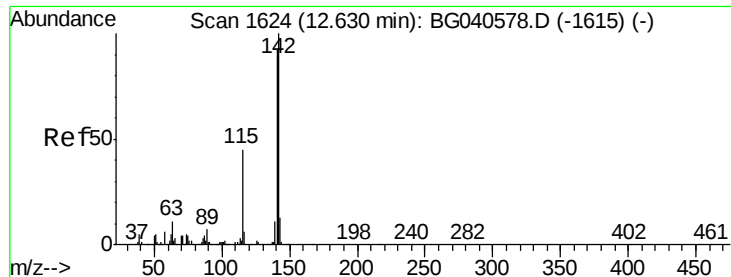


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

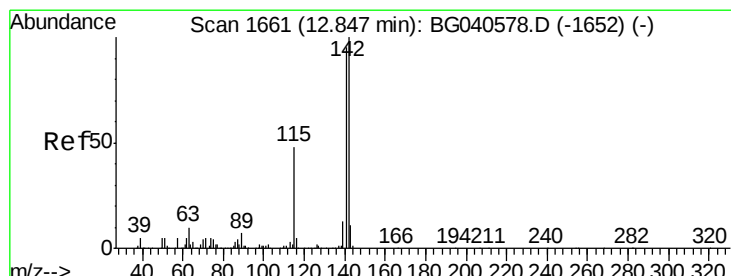
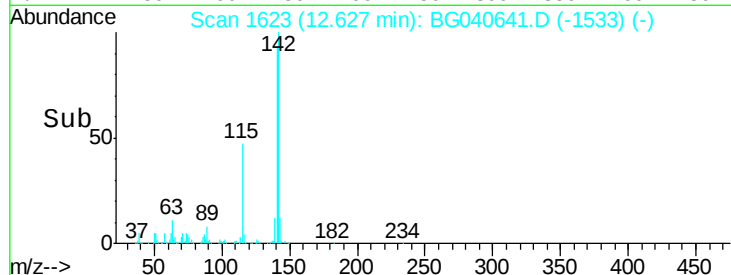
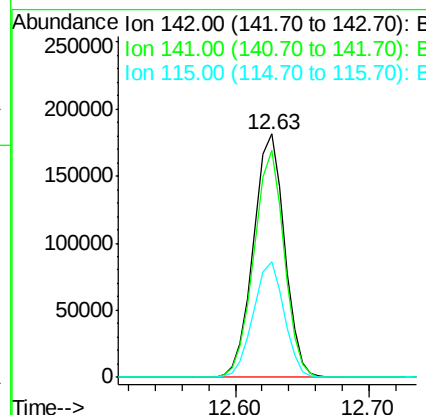
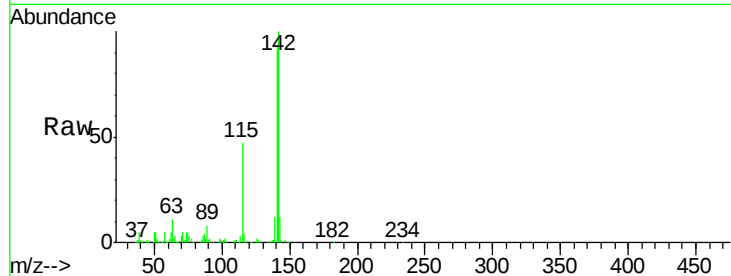




#37
 2-Methylnaphthalene
 Concen: 39.846 ng
 RT: 12.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

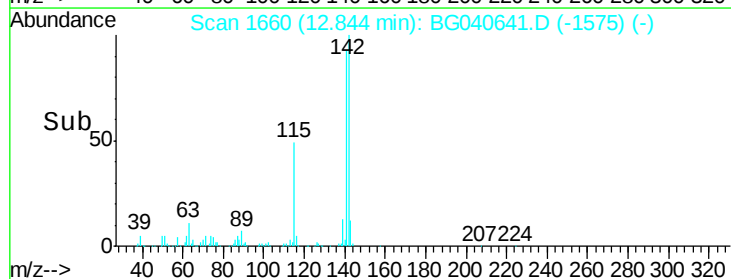
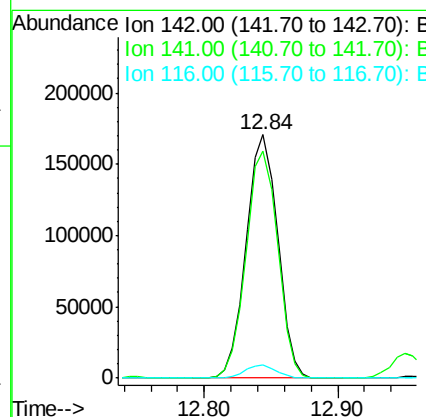
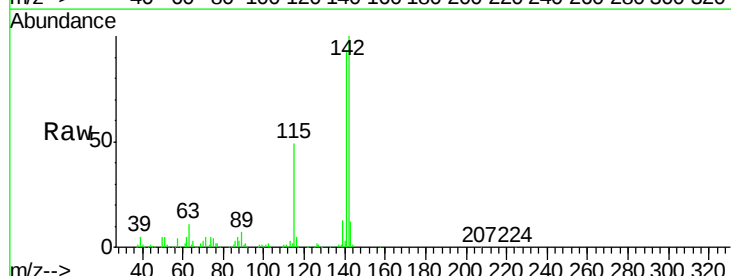
Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

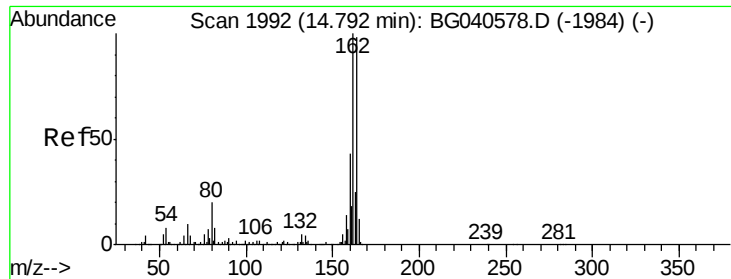
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.4	110.2
115	47.3	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 38.971 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.9	113.9
116	5.2	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

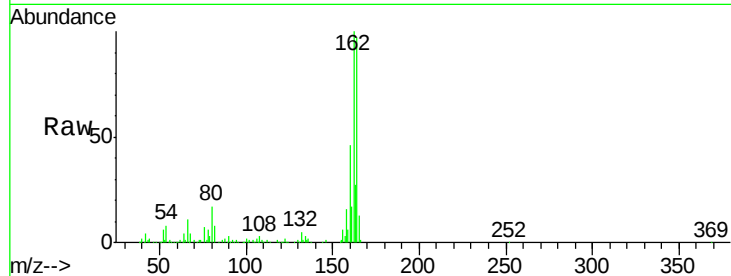
Tot Ion:164 Resp: 126753

Ion Ratio Lower Upper

164 100

162 102.9 81.9 122.9

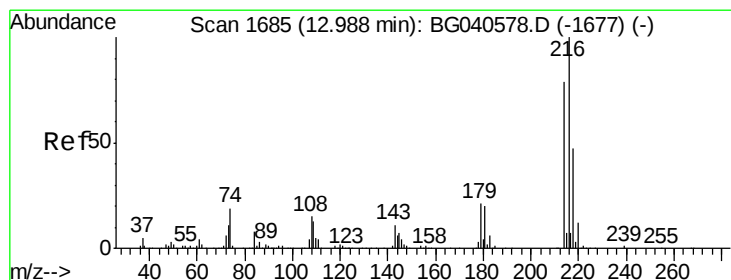
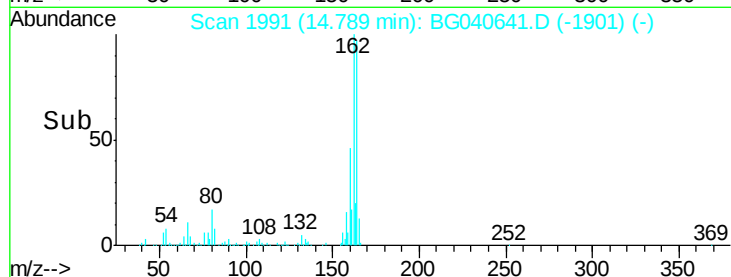
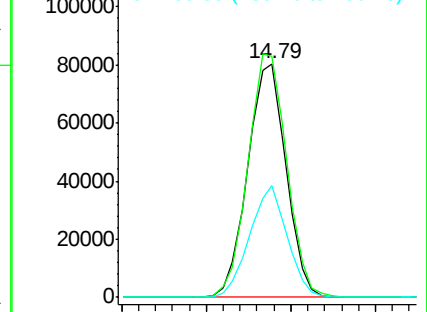
160 47.7 35.4 53.2



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: 40.352 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Tgt Ion:216 Resp: 190535

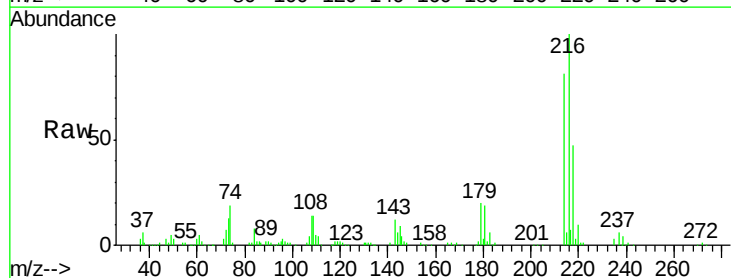
Ion Ratio Lower Upper

216 100

214 81.1 63.7 95.5

179 20.1 16.6 24.8

108 19.6 14.7 22.1

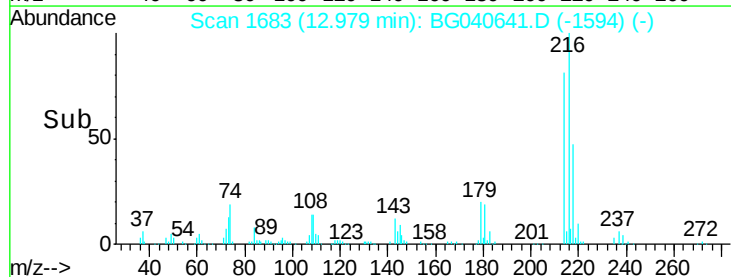
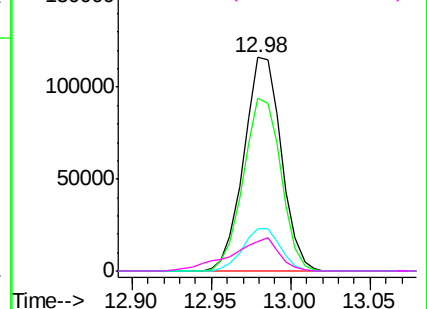


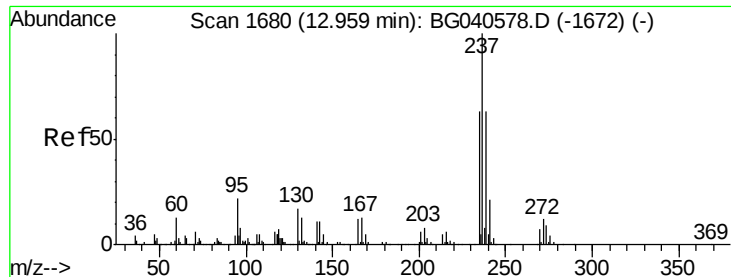
Abundance Ion 216.00 (215.70 to 216.70): E

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

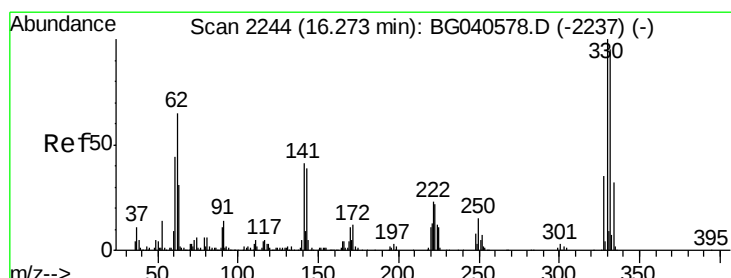
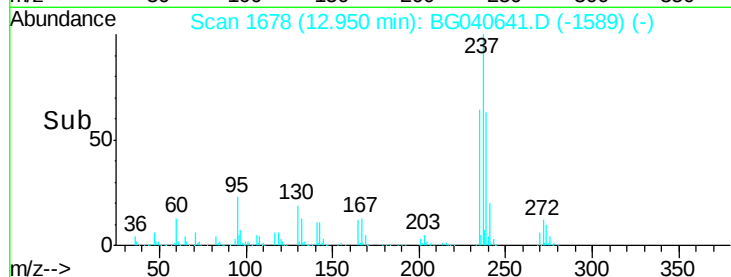
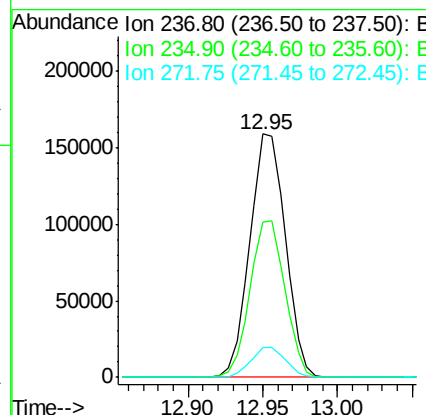
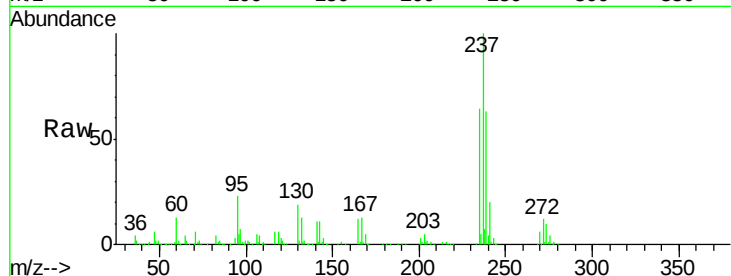




#41
Hexachlorocyclopentadiene
Concen: 93.742 ng
RT: 12.95 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

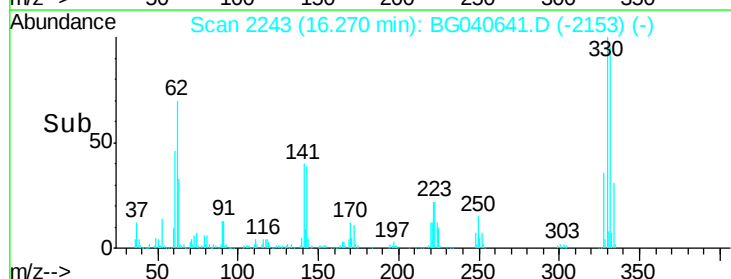
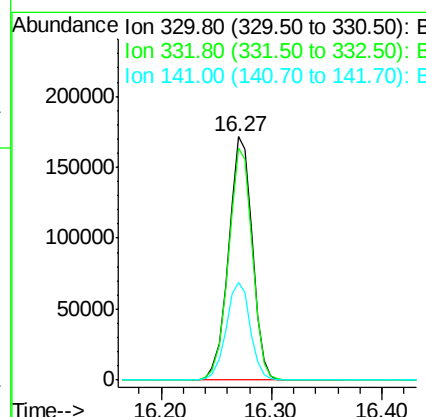
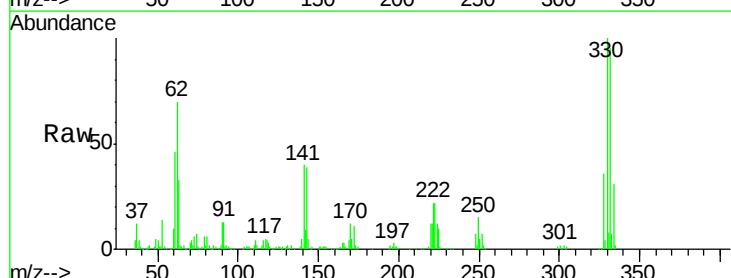
Instrument :
BNA_G
ClientSampleId :
PB119239BS

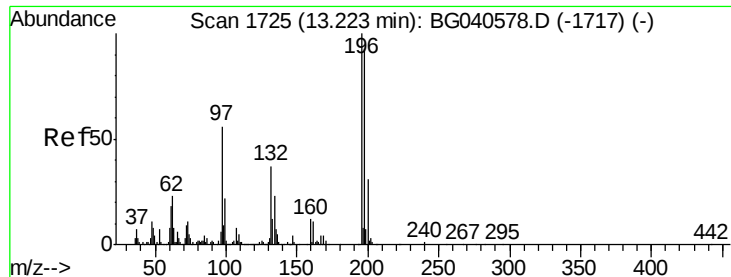
Tot Ion:237 Resp: 261193
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 12.2 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 147.895 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion:330 Resp: 257669
Ion Ratio Lower Upper
330 100
332 95.5 75.9 113.9
141 40.6 32.4 48.6

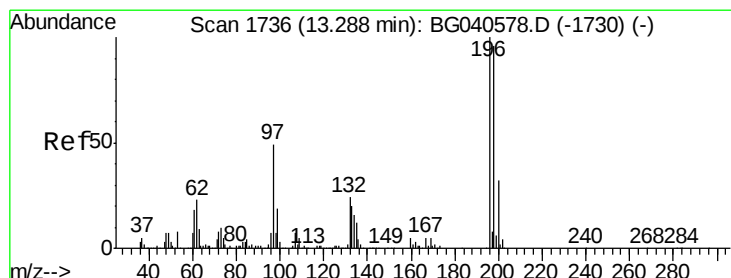
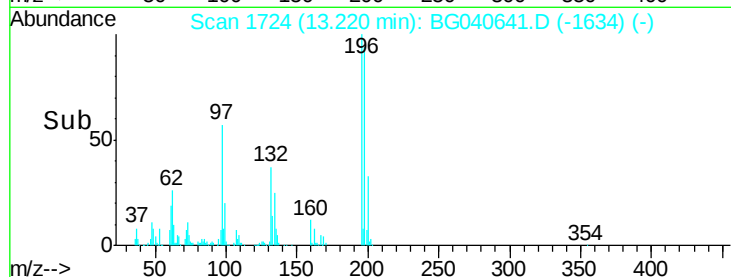
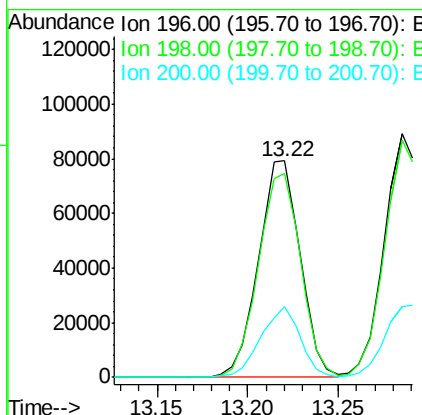
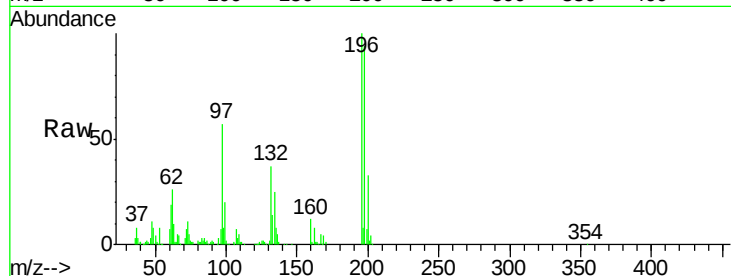




#43
 2,4,6-Trichlorophenol
 Concen: 44.424 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

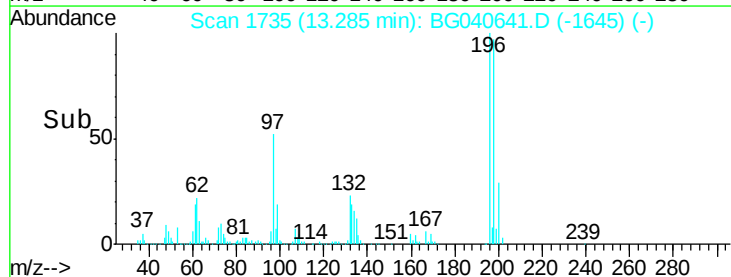
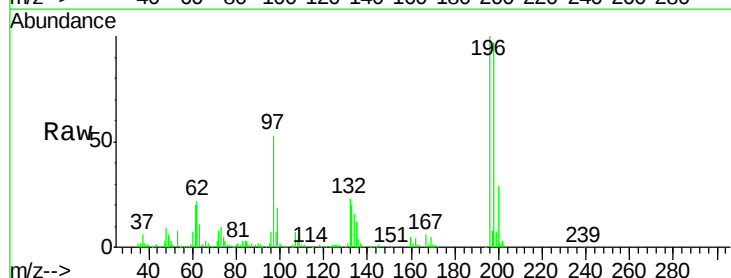
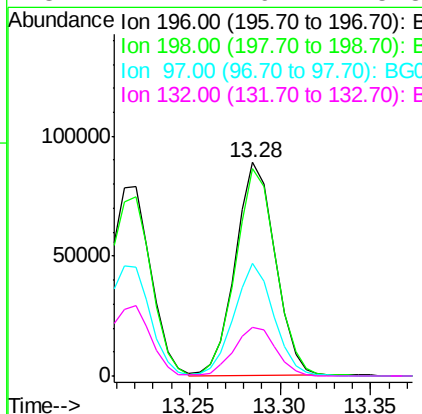
Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

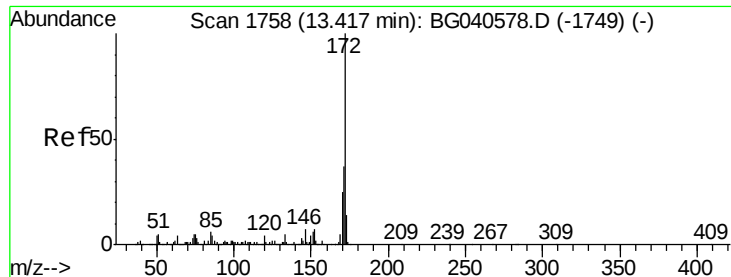
Tot Ion	196	Resp	126763
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.8	112.2
200	32.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.773 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Tgt Ion	196	Resp	136065
Ion Ratio	Lower	Upper	
196	100		
198	97.3	77.0	115.6
97	52.8	40.0	60.0
132	22.7	19.2	28.8

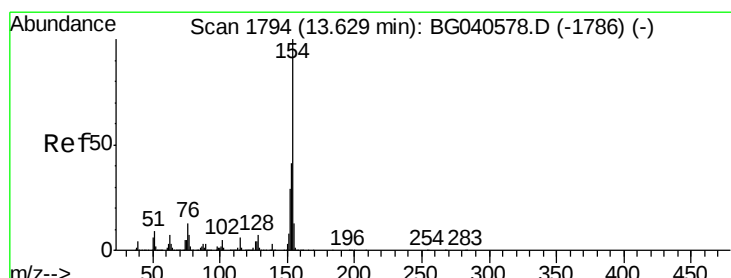
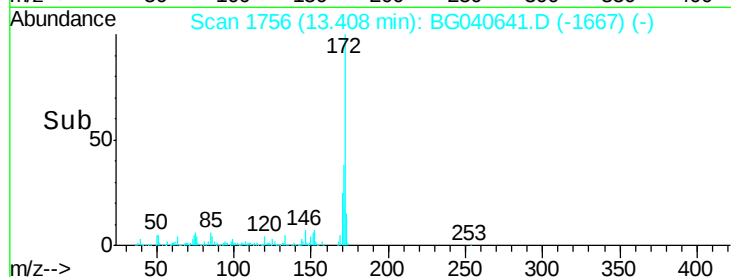
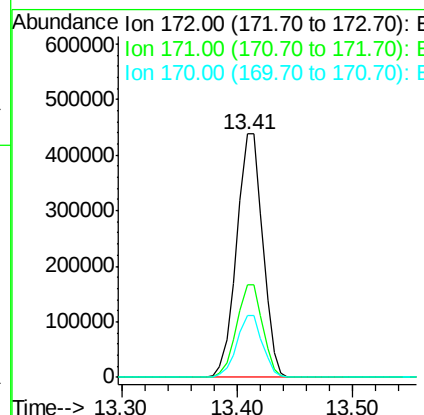
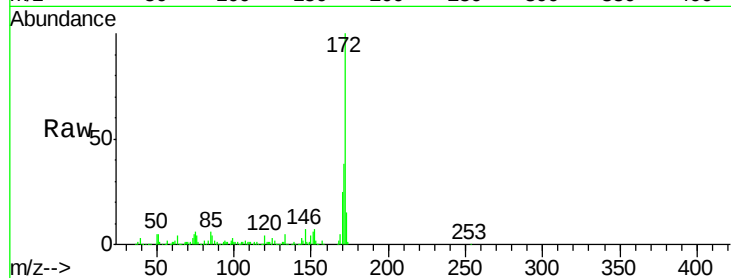




#45
 2-Fluorobiphenyl
 Concen: 78.248 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

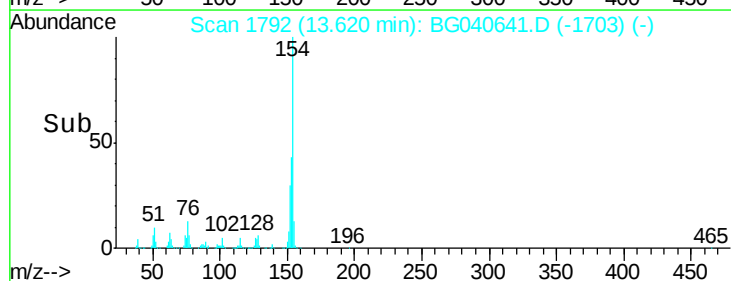
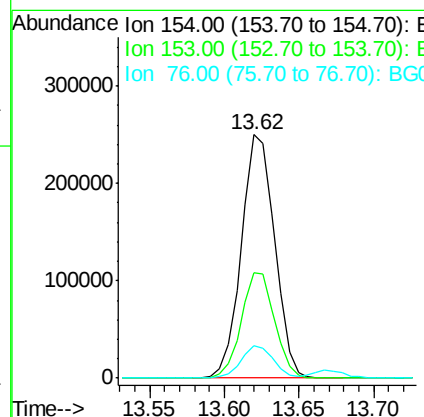
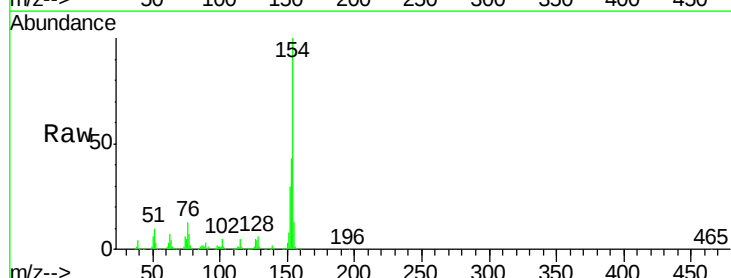
Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

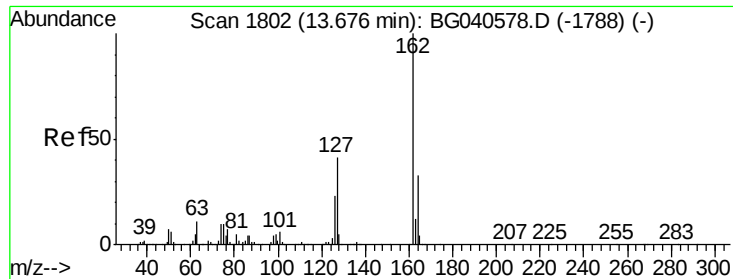
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.3	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 39.200 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	20.5	60.5
76	13.3	0.0	32.5

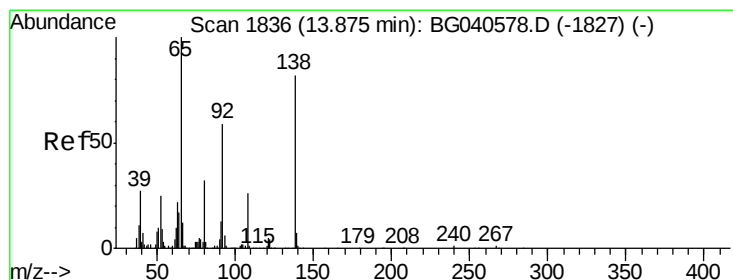
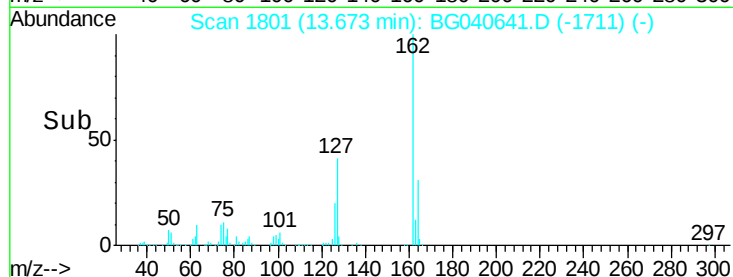
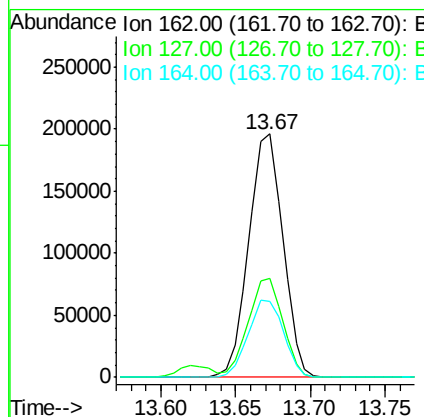
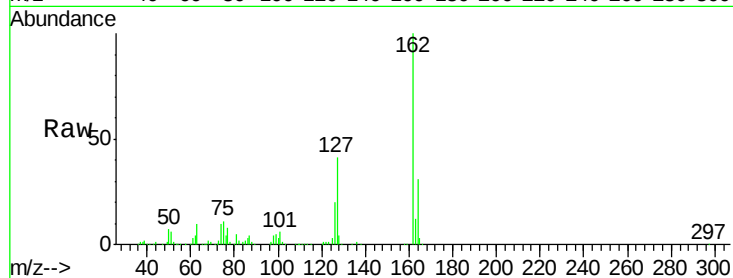




#47
 2-Chloronaphthalene
 Concen: 40.285 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

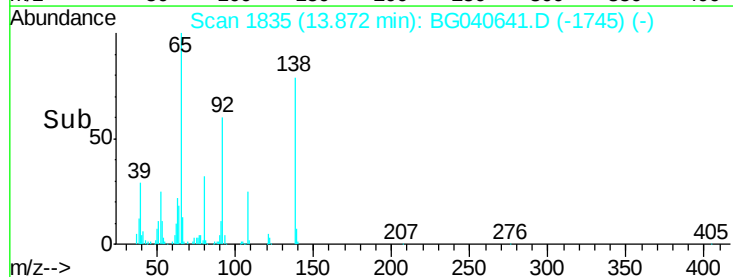
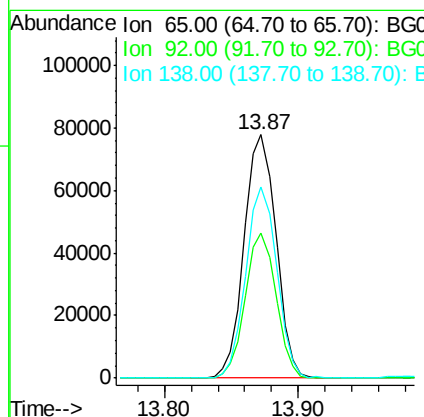
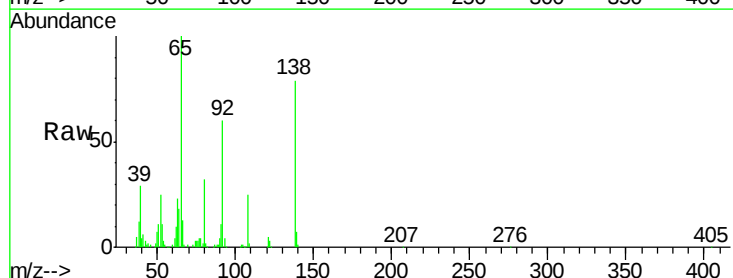
Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

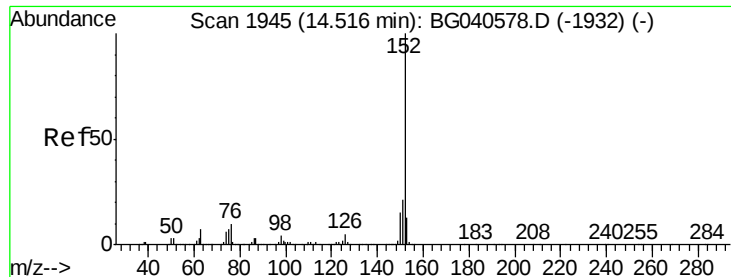
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.0	49.4
164	31.1	26.8	40.2



#48
 2-Nitroaniline
 Concen: 46.855 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.6	47.4	71.0
138	78.7	66.1	99.1





#49

Acenaphthylene

Concen: 37.949 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

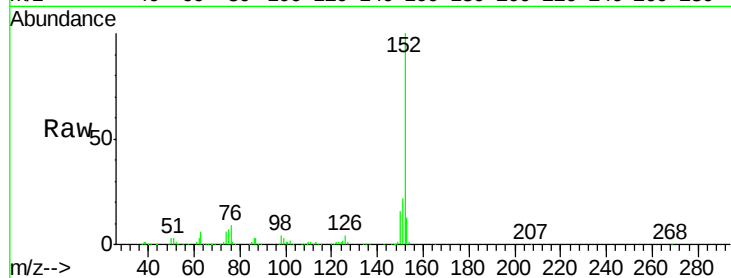
Tot Ion:152 Resp: 495875

Ion Ratio Lower Upper

152 100

151 22.2 17.2 25.8

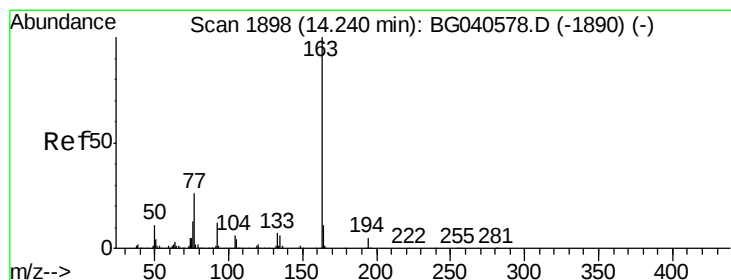
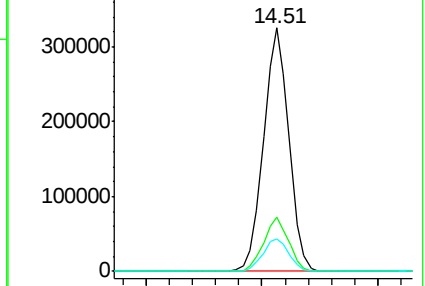
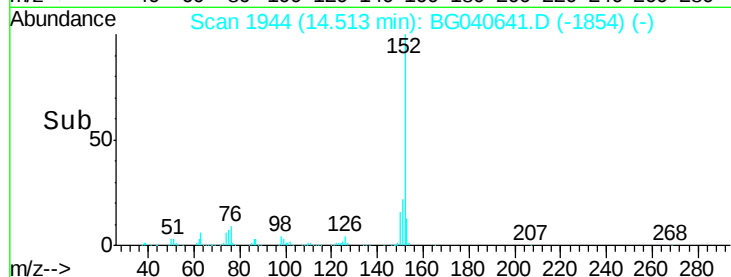
153 13.1 10.7 16.1



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: 39.255 ng

RT: 14.24 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

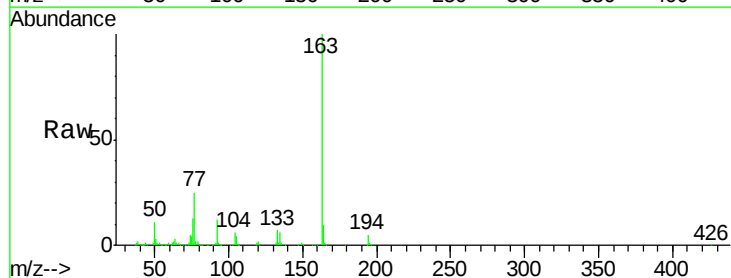
Tgt Ion:163 Resp: 416304

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

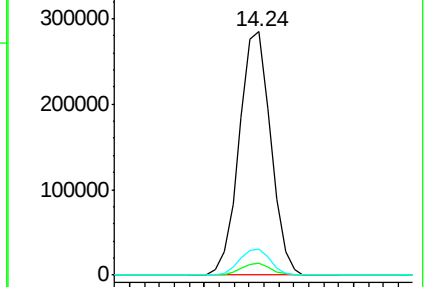
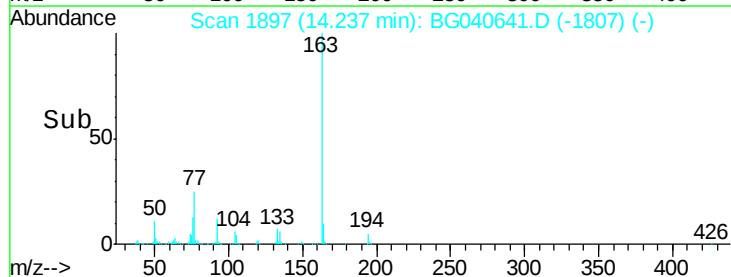
164 10.5 8.8 13.2

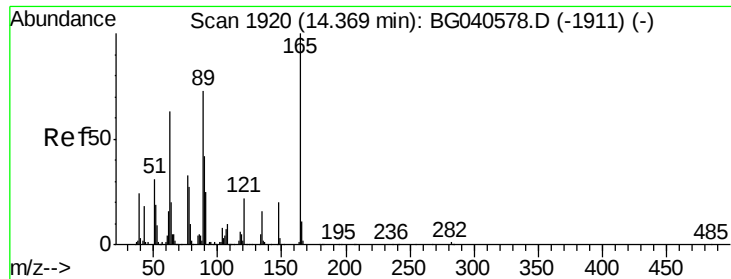


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

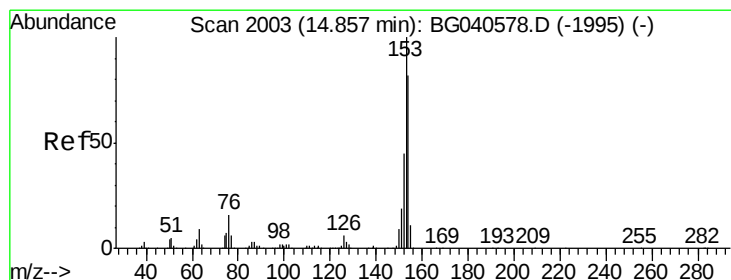
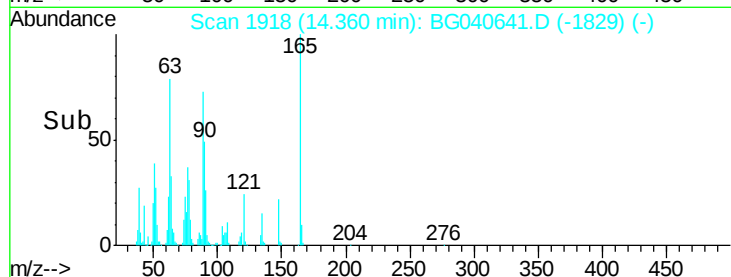
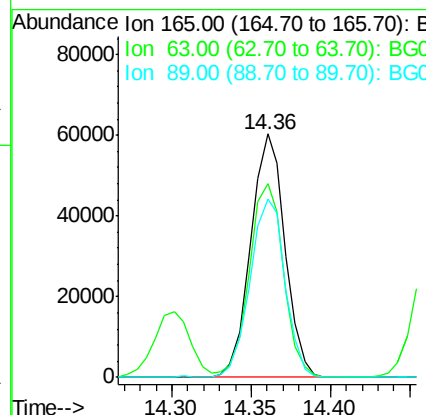
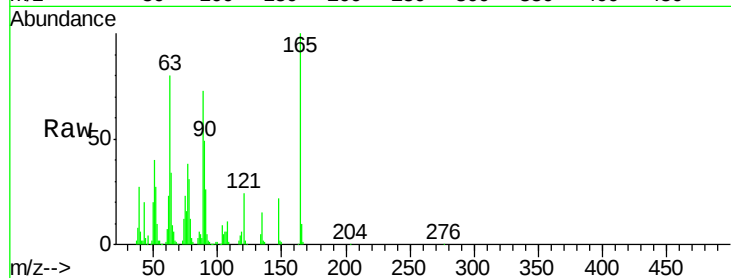




#51
2,6-Dinitrotoluene
Concen: 43.602 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

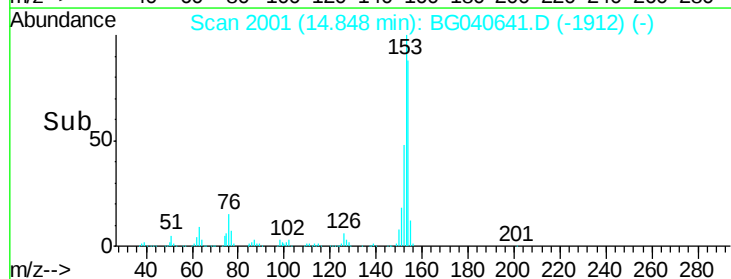
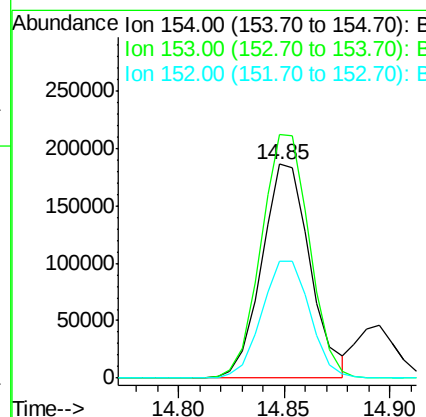
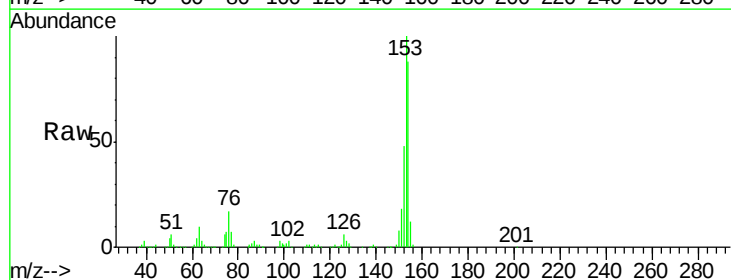
Instrument :
BNA_G
ClientSampleId :
PB119239BS

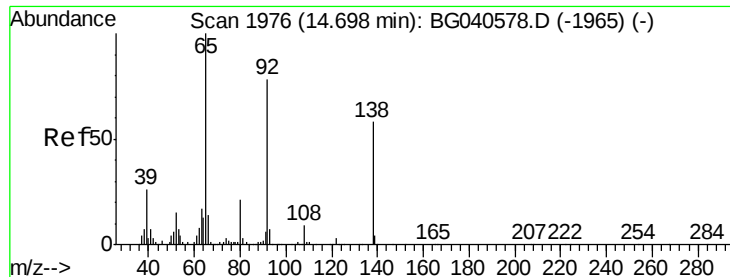
Tot Ion:165 Resp: 90248
Ion Ratio Lower Upper
165 100
63 79.8 61.0 91.4
89 73.5 58.6 87.8



#52
Acenaphthene
Concen: 38.895 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion:154 Resp: 295976
Ion Ratio Lower Upper
154 100
153 113.9 97.0 145.6
152 54.6 44.1 66.1

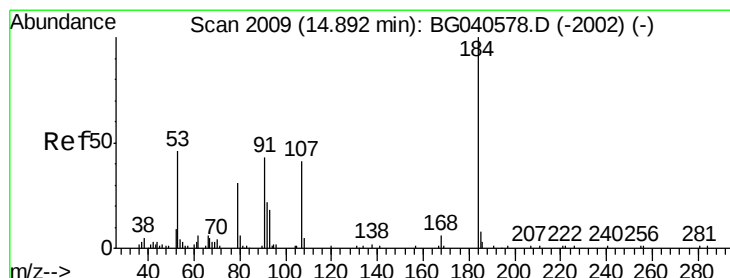
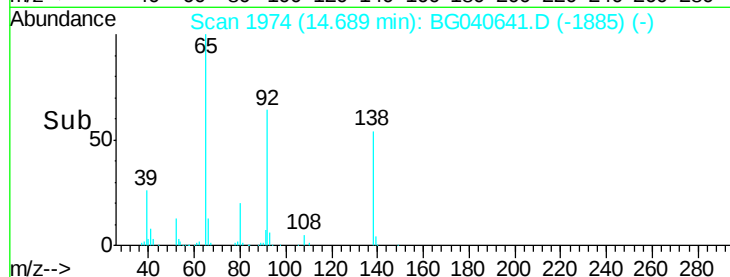
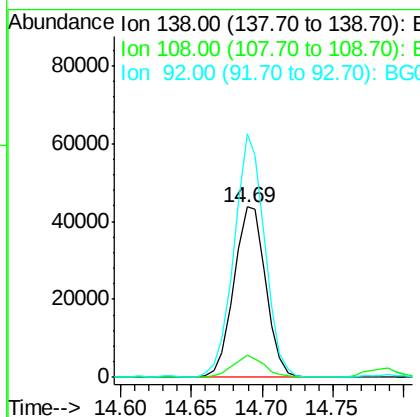
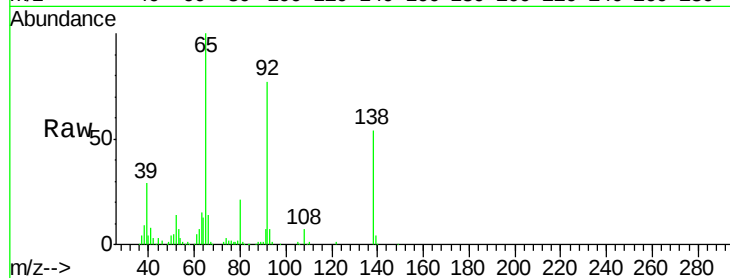




#53
3-Nitroaniline
Concen: 32.363 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

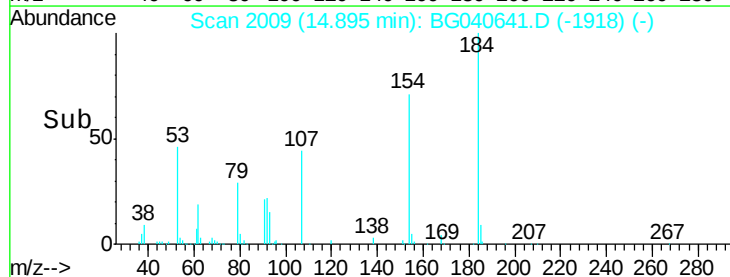
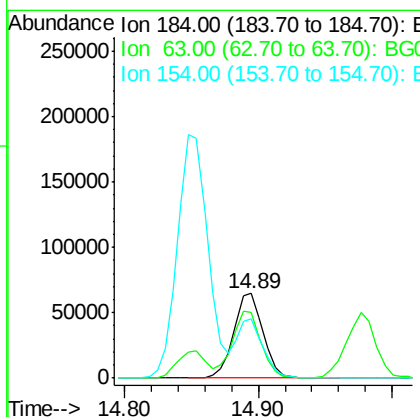
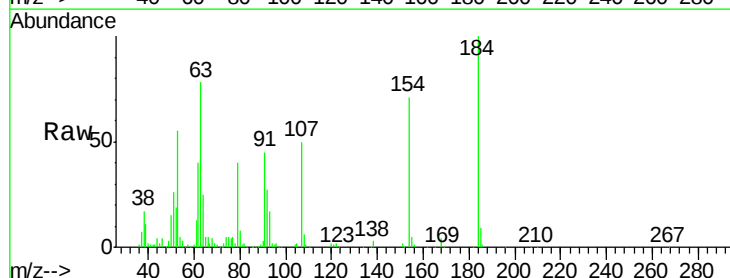
Instrument :
BNA_G
ClientSampleId :
PB119239BS

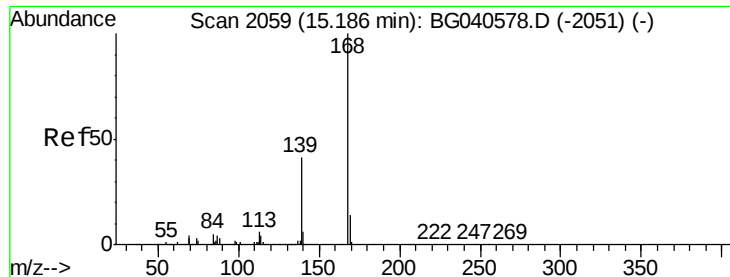
Tot Ion:138 Resp: 68634
Ion Ratio Lower Upper
138 100
108 12.9 12.4 18.6
92 143.0 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 84.429 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion:184 Resp: 99055
Ion Ratio Lower Upper
184 100
63 77.9 51.8 77.6#
154 70.9 43.6 65.4#

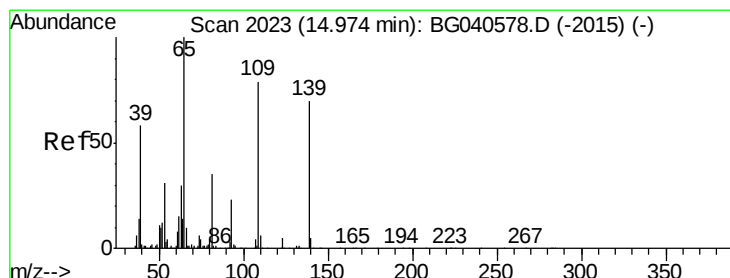
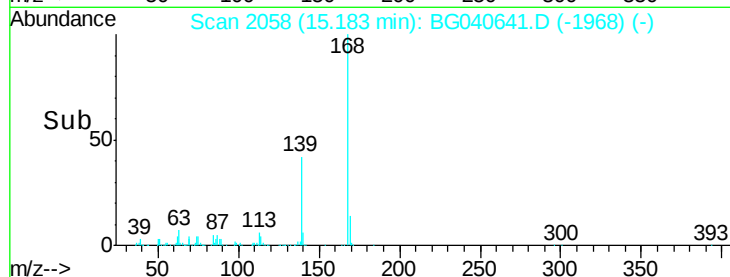
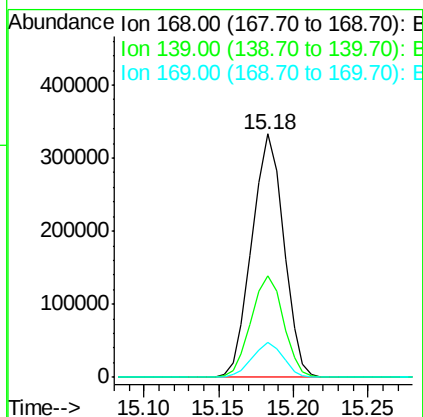
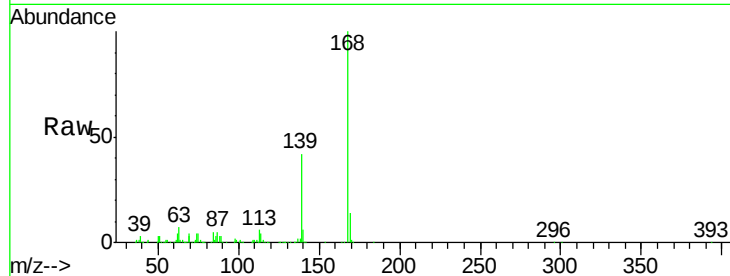




#55
Dibenzenofuran
Concen: 39.497 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

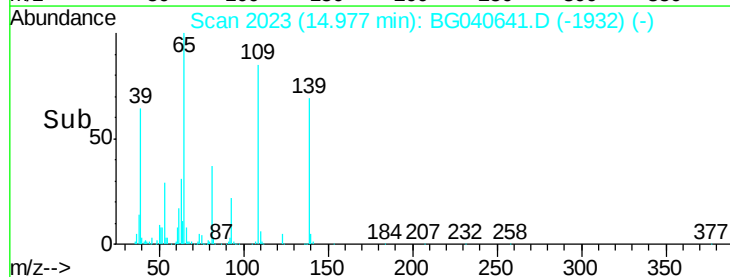
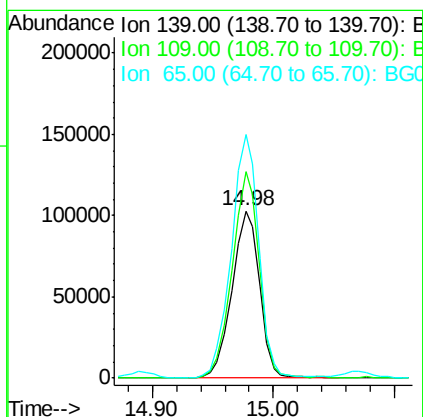
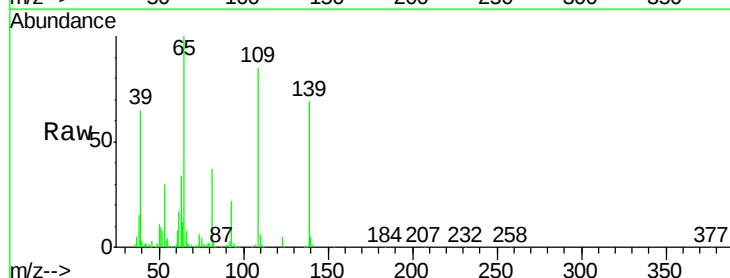
Instrument :
BNA_G
ClientSampleId :
PB119239BS

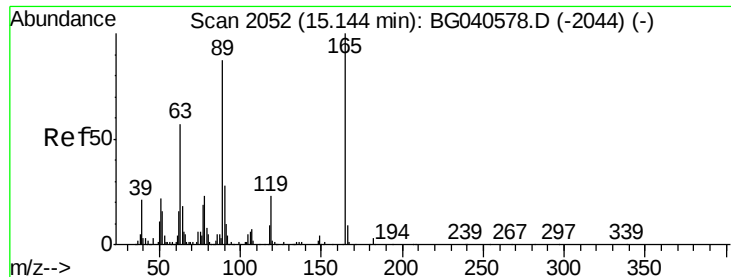
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	33.0	49.4
169	14.2	11.0	16.4



#56
4-Nitrophenol
Concen: 88.982 ng
RT: 14.98 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	123.9	93.8	133.8
65	145.7	122.7	162.7

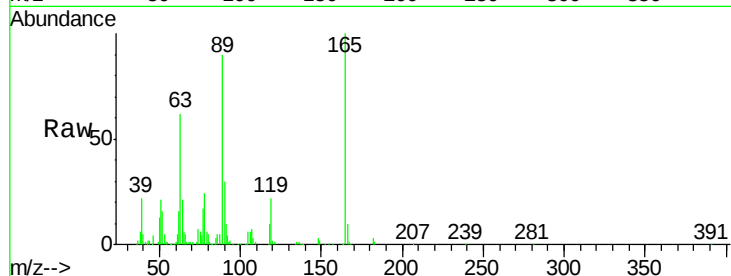




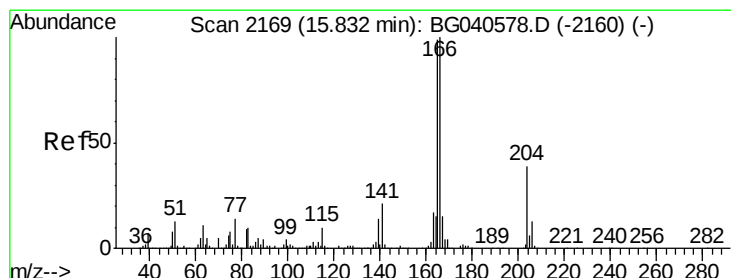
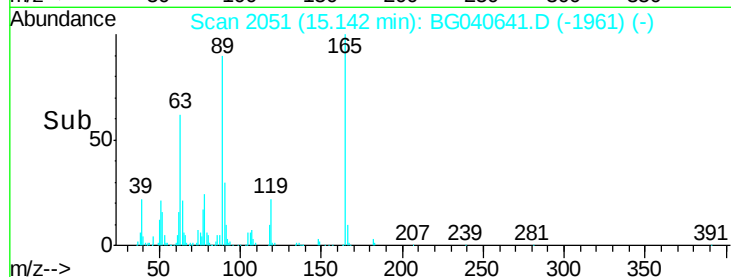
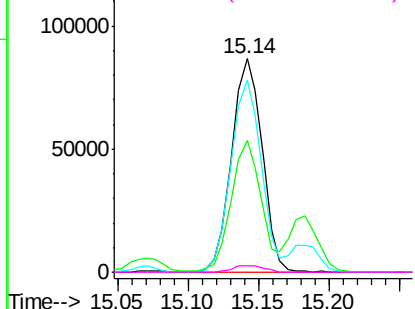
#57
2,4-Dinitrotoluene
Concen: 46.522 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Instrument :
BNA_G
ClientSampleId :
PB119239BS

Tot Ion:165 Resp: 130844
Ion Ratio Lower Upper
165 100
63 61.8 45.8 68.8
89 89.8 69.4 104.2
182 3.2 2.2 3.4

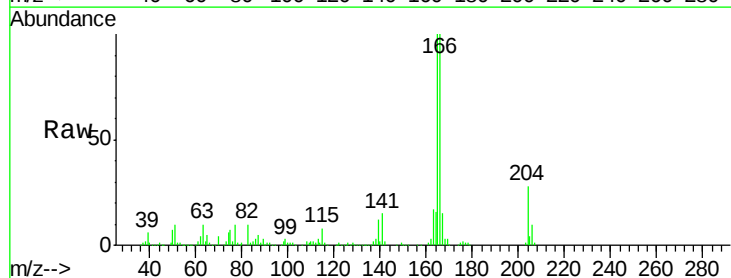


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

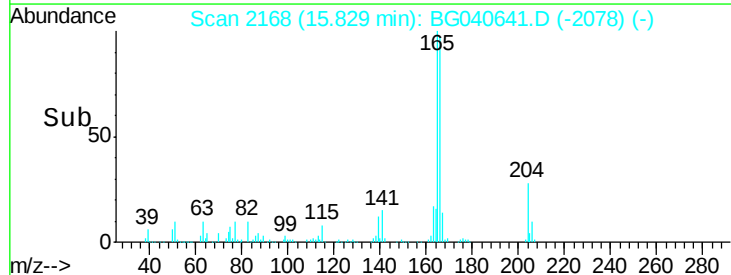
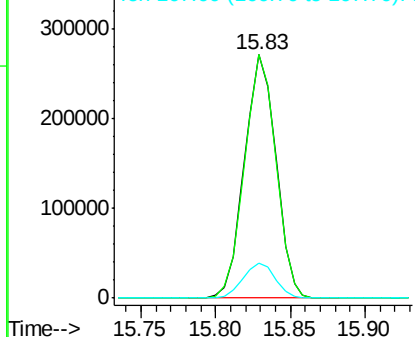


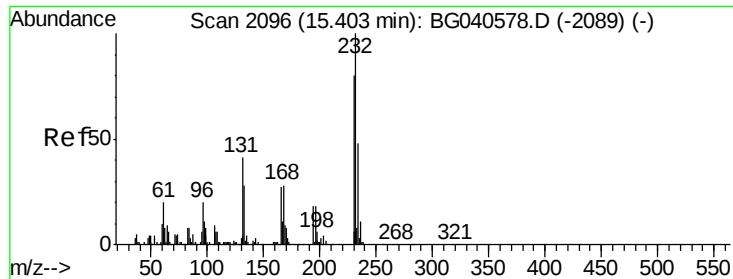
#58
Fluorene
Concen: 39.214 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion:166 Resp: 395048
Ion Ratio Lower Upper
166 100
165 100.1 79.6 119.4
167 14.6 12.2 18.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

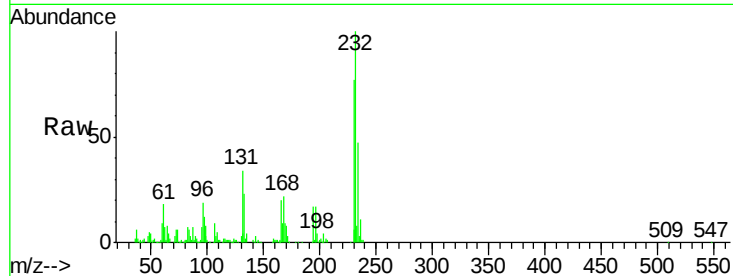




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.104 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.09 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

Tot Ion:232	Resp:	141116
Ion	Ratio	Lower Upper
232	100	
131	36.6	33.0 49.4
130	2.7	2.0 3.0
166	22.2	22.1 33.1

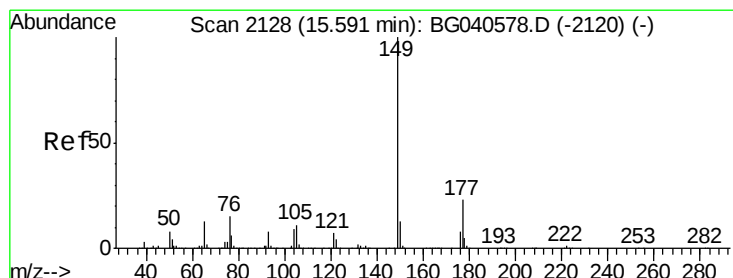
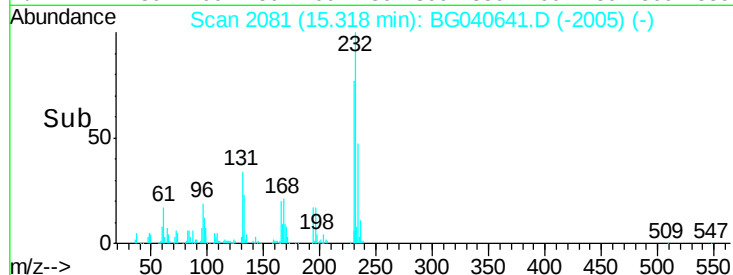
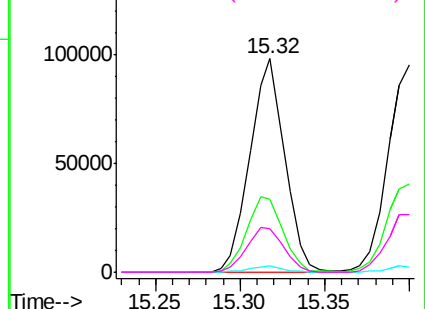


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

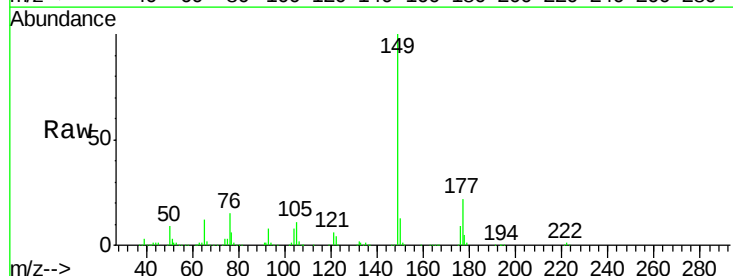
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.421 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

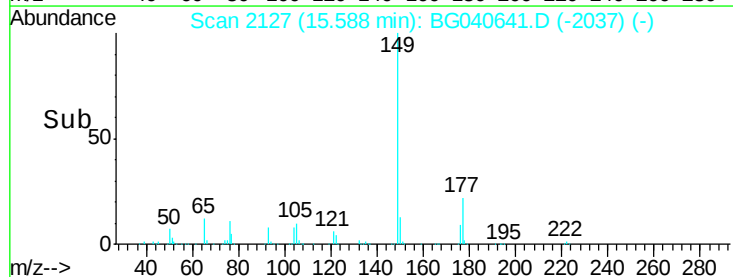
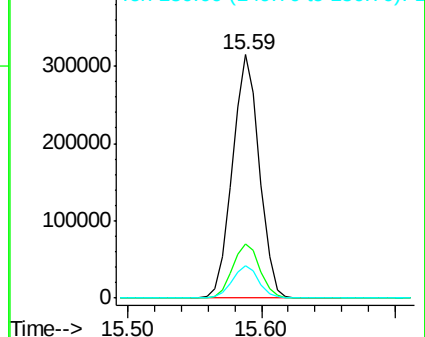
Tgt Ion:149	Resp:	441095
Ion	Ratio	Lower Upper
149	100	
177	22.4	18.5 27.7
150	13.2	10.2 15.4

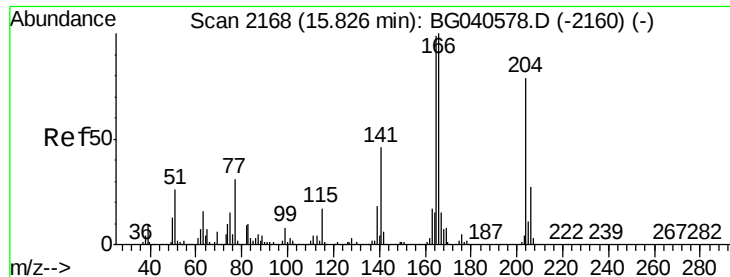


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 39.747 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

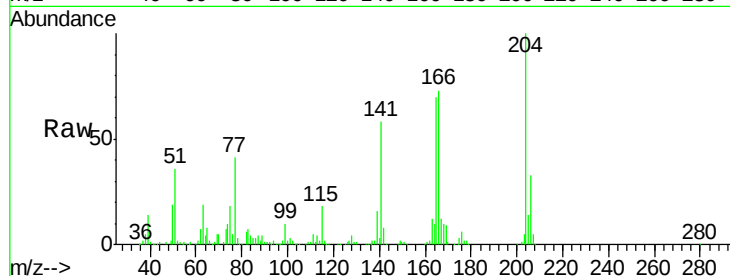
Tot Ion:204 Resp: 232884

Ion Ratio Lower Upper

204 100

206 33.1 27.4 41.2

141 57.5 46.0 69.0



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

15.82

200000

150000

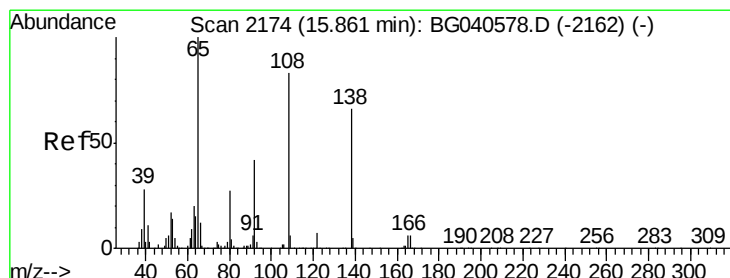
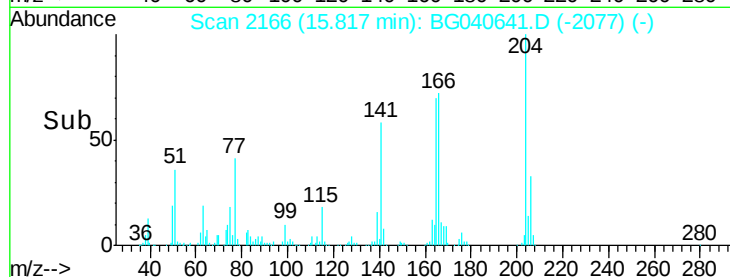
100000

50000

0

15.75 15.80 15.85

Time-->



#62

4-Nitroaniline

Concen: 43.245 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

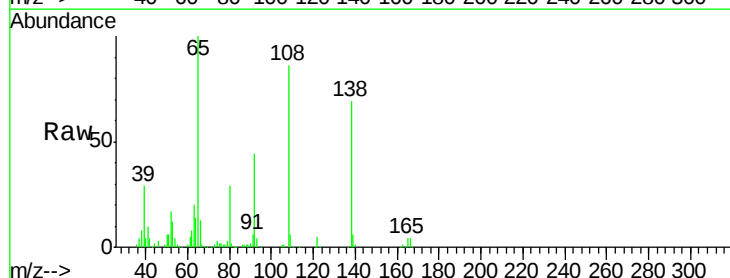
Tgt Ion:138 Resp: 102590

Ion Ratio Lower Upper

138 100

92 63.6 43.9 83.9

108 125.6 106.5 146.5



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

100000

80000

60000

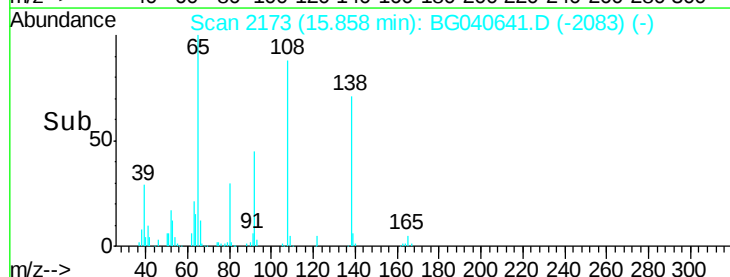
40000

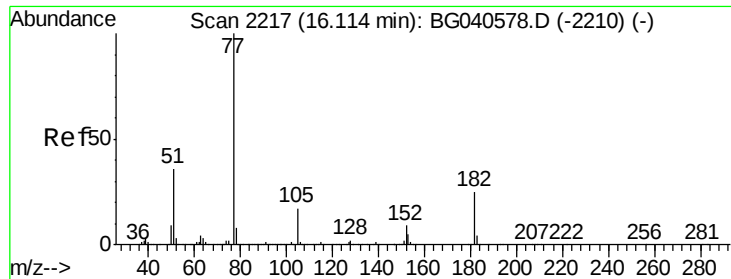
20000

0

15.80 15.86 15.90

Time-->

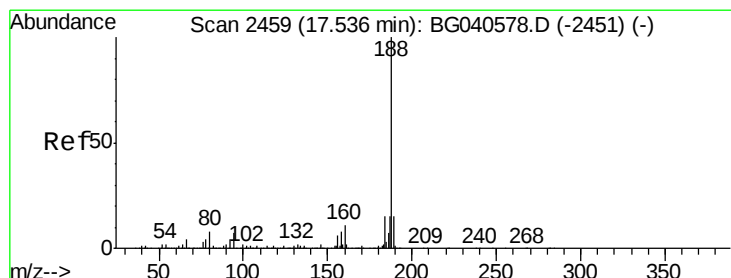
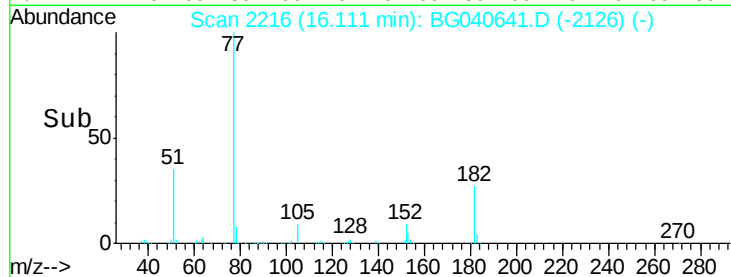
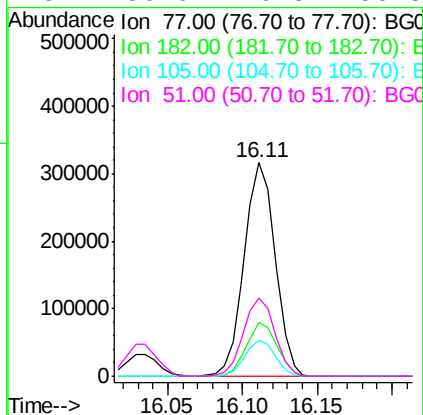
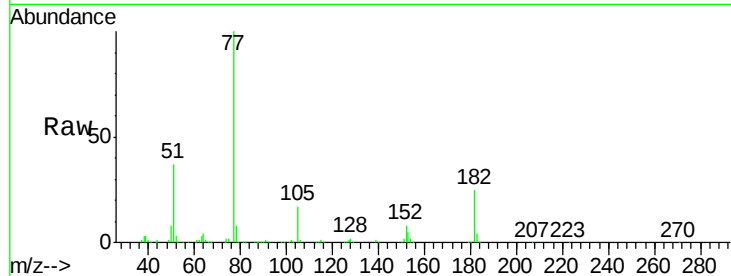




#63
Azobenzene
Concen: 39.462 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

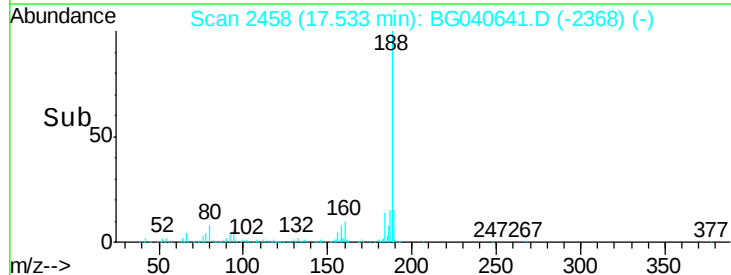
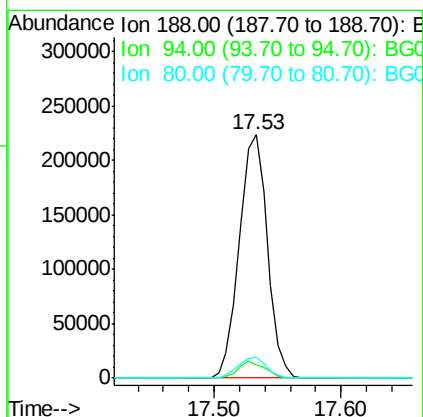
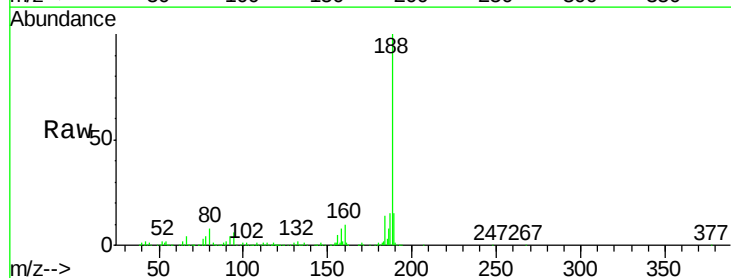
Instrument :
BNA_G
ClientSampleId :
PB119239BS

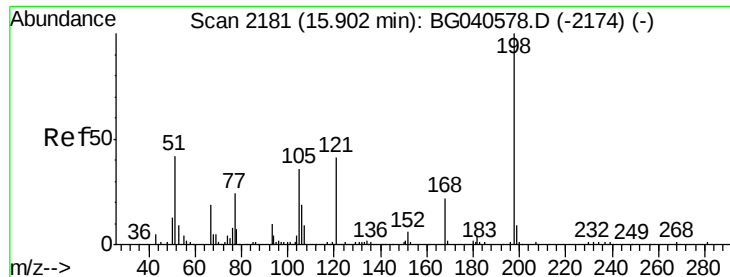
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.0	45.0
105	16.7	0.0	37.6
51	36.6	16.3	56.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.6	8.4
80	8.4	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 42.418 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

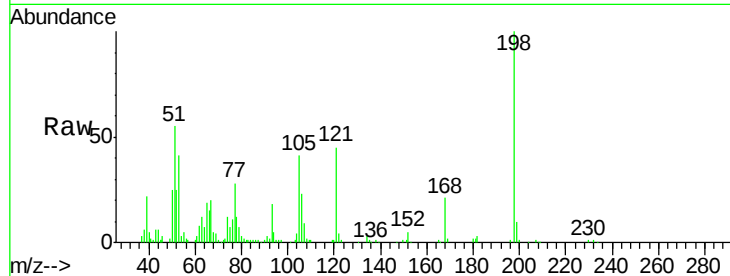
Tot Ion:198 Resp: 70127

Ion Ratio Lower Upper

198 100

51 55.3 35.9 75.9

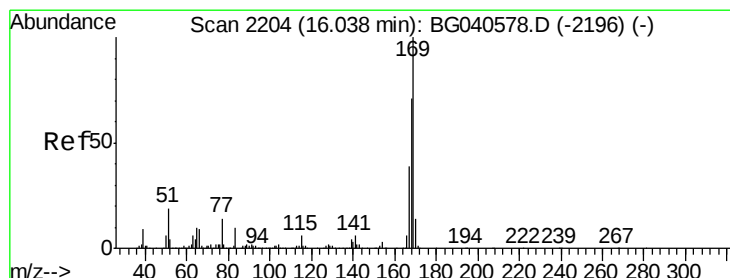
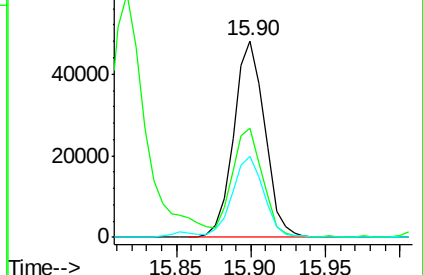
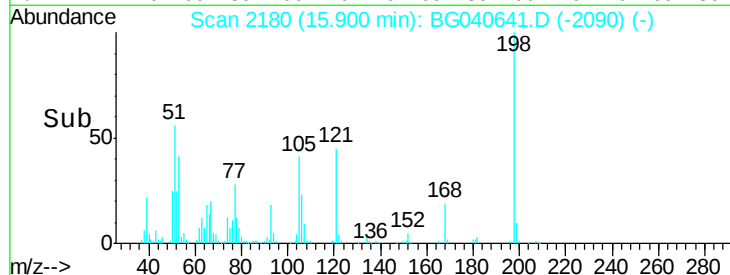
105 40.9 21.2 61.2



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: 36.379 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

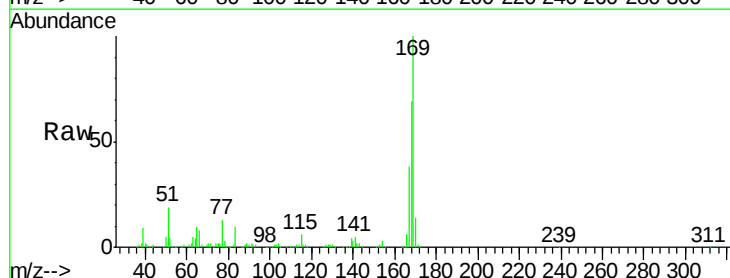
Tgt Ion:169 Resp: 367512

Ion Ratio Lower Upper

169 100

168 68.5 56.8 85.2

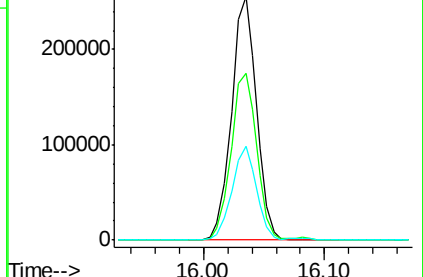
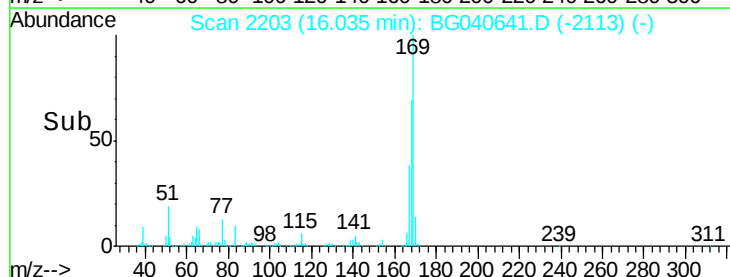
167 38.3 31.4 47.0

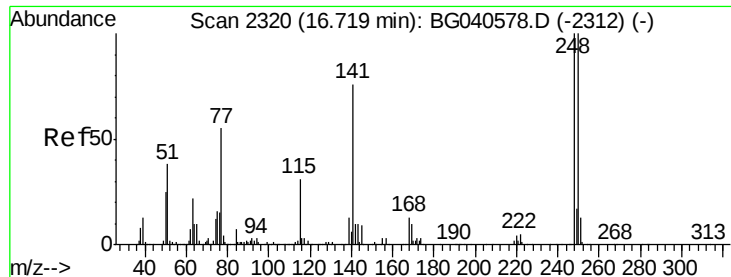


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

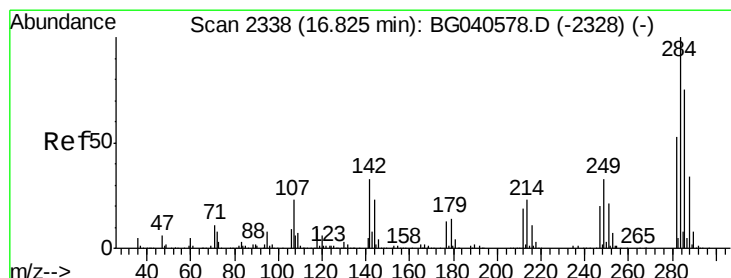
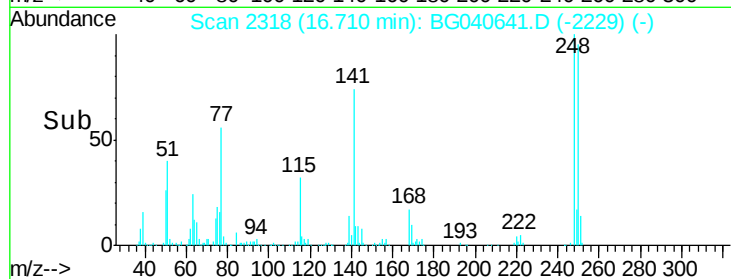
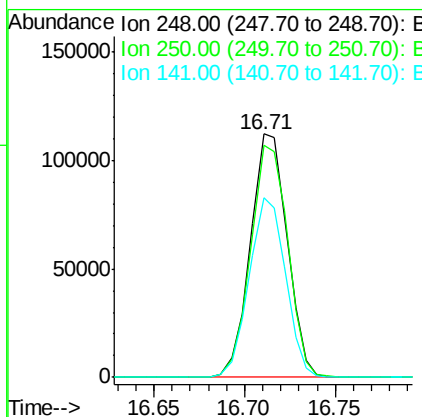
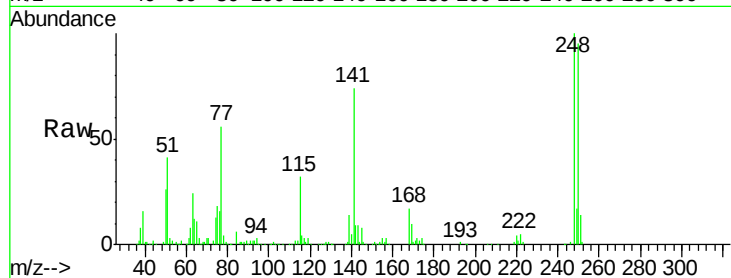




#67
 4-Bromophenyl-phenylether
 Concen: 37.047 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

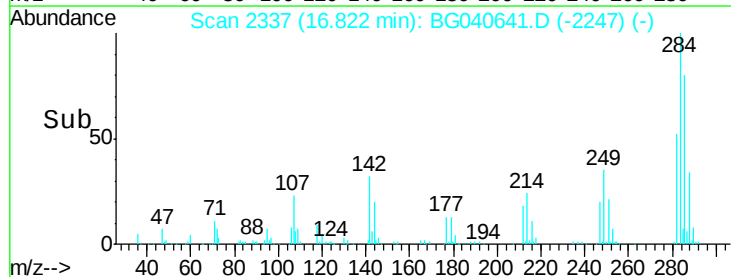
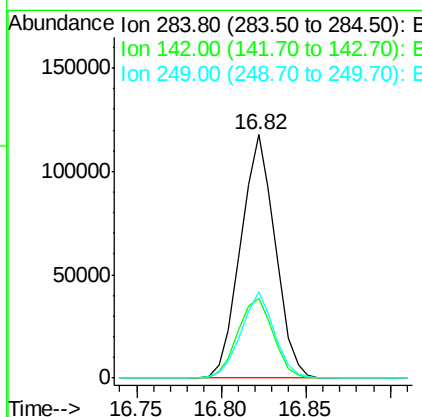
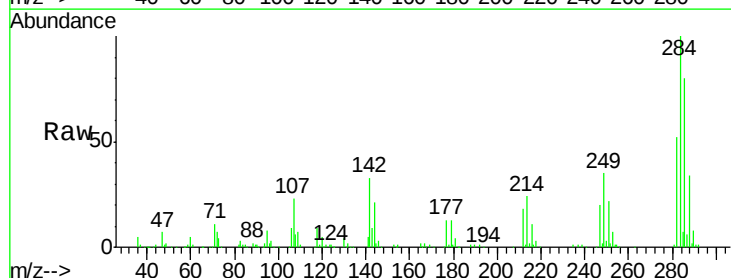
Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

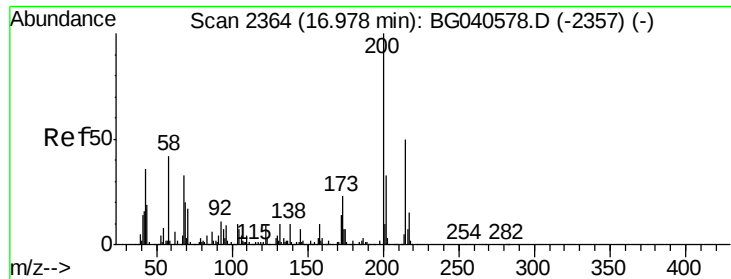
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	79.8	119.6
141	73.8	60.8	91.2



#68
 Hexachlorobenzene
 Concen: 37.857 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.6	40.0
249	38.0	26.0	39.0





#69

Atrazine

Concen: 40.490 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

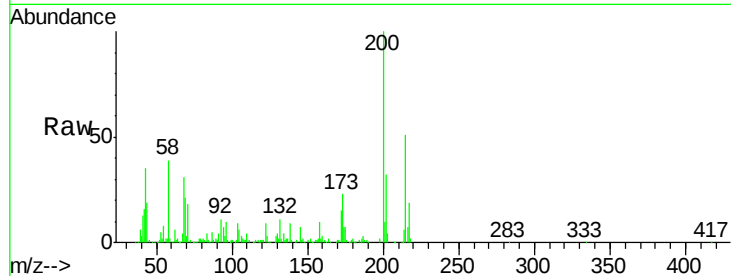
Tot Ion:200 Resp: 162065

Ion Ratio Lower Upper

200 100

173 22.7 2.8 42.8

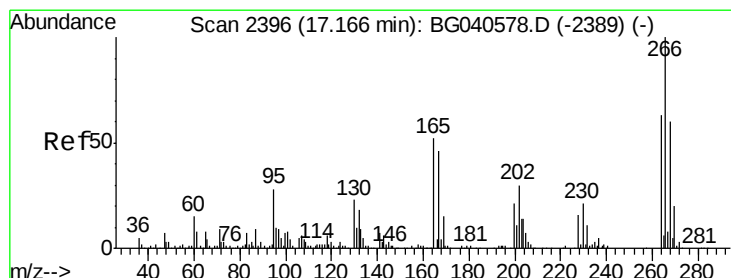
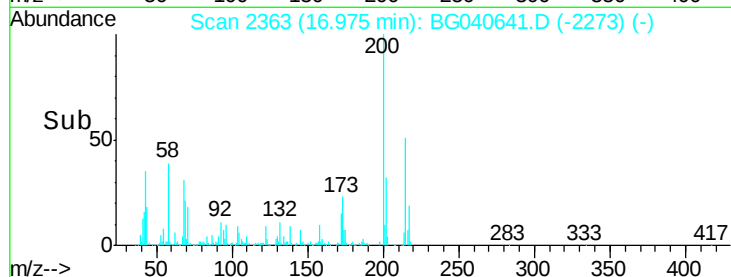
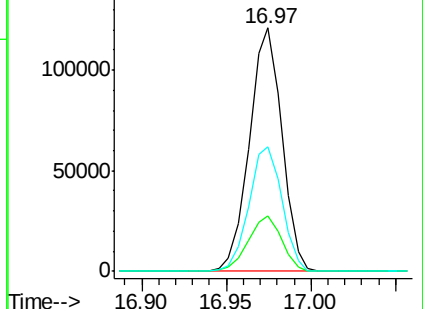
215 51.1 30.2 70.2



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: 84.199 ng

RT: 17.17 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

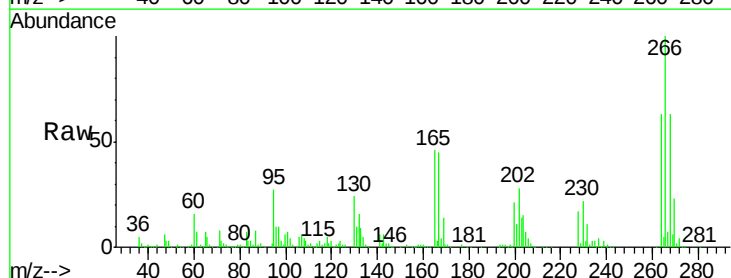
Tgt Ion:266 Resp: 217944

Ion Ratio Lower Upper

266 100

268 63.0 52.3 78.5

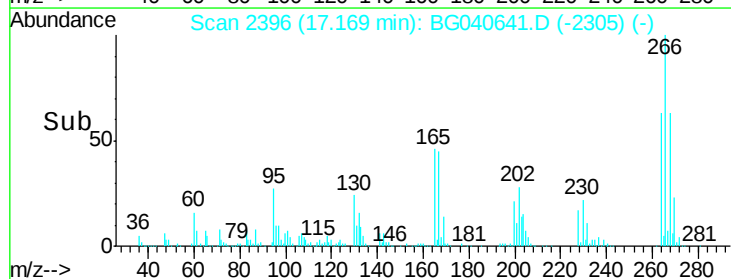
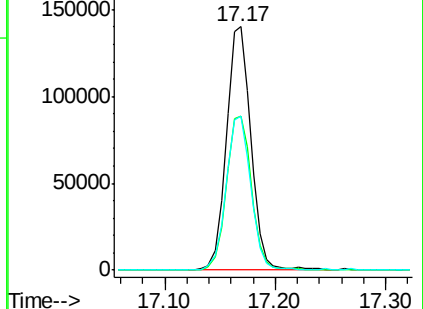
264 63.1 50.0 75.0

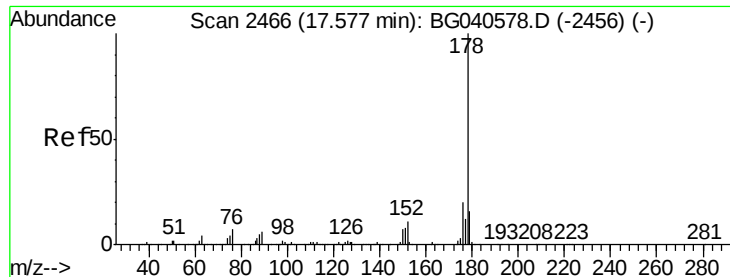


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.621 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

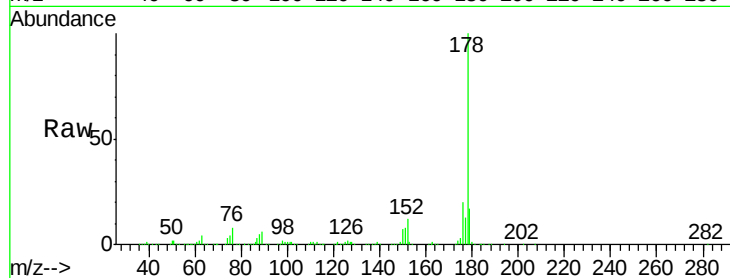
Tot Ion:178 Resp: 714304

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

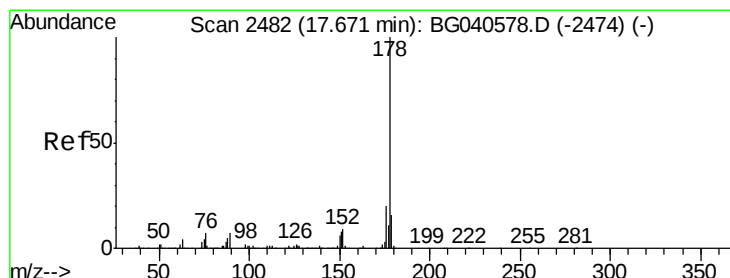
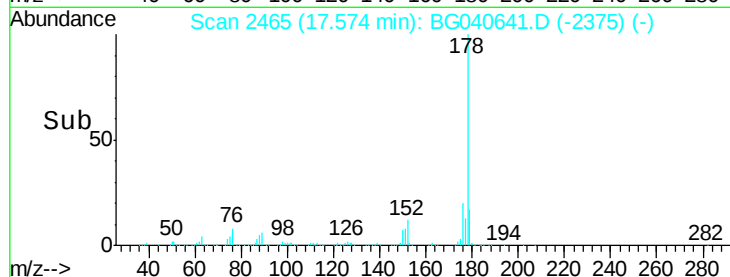
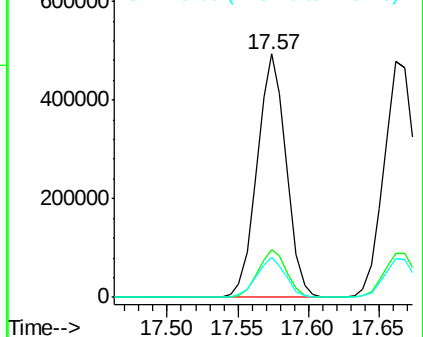
179 16.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.873 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

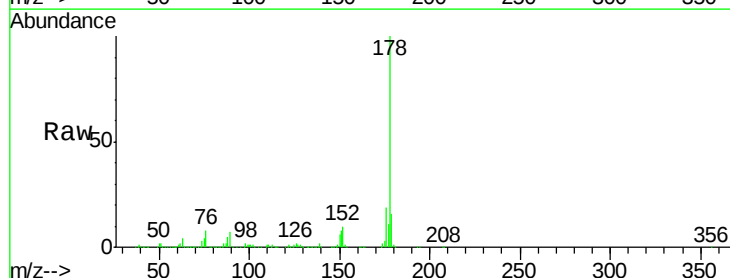
Tgt Ion:178 Resp: 741252

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

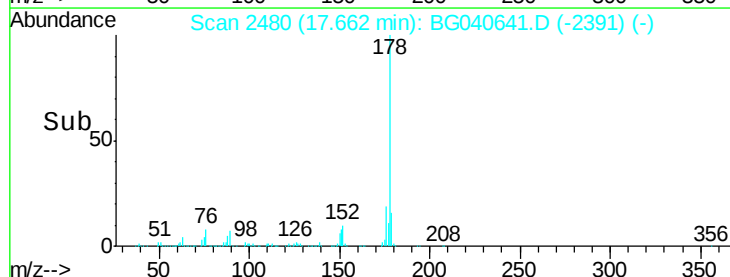
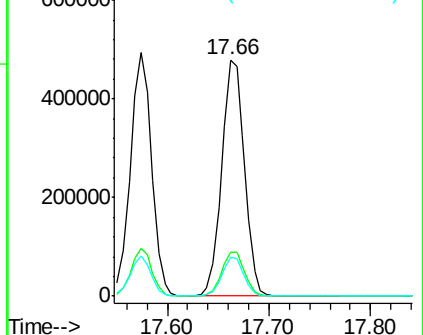
179 16.3 12.9 19.3

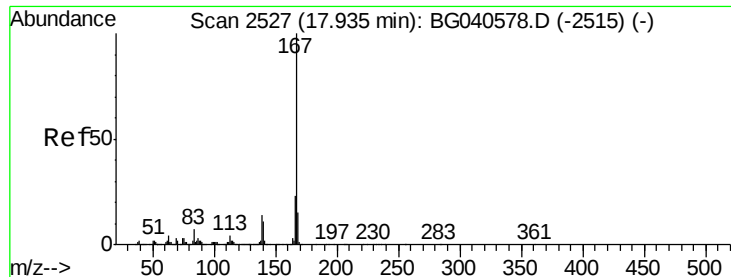


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



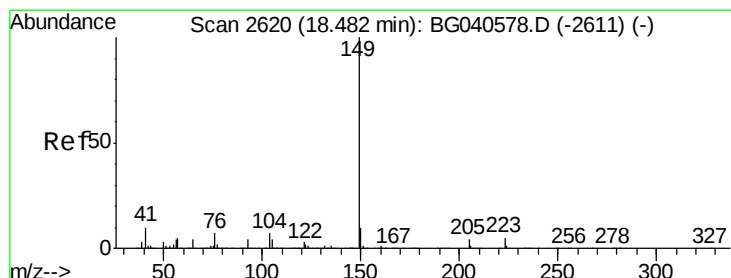
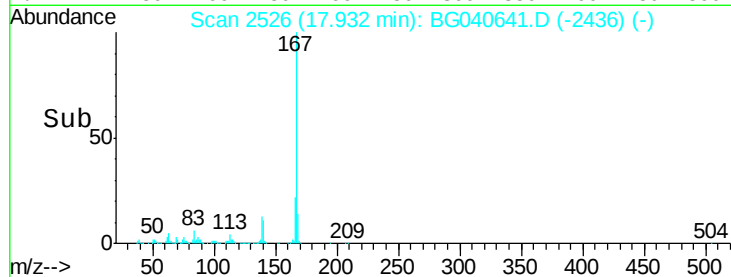
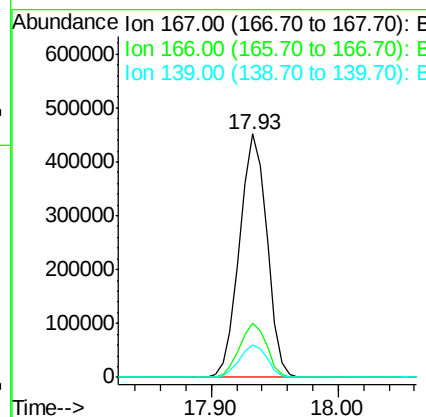
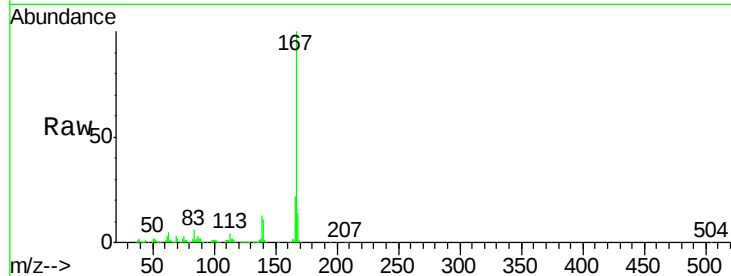


#73
 Carbazole
 Concen: 39.791 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Instrument :
 BNA_G
 ClientSampleId :
 PB119239BS

Tot Ion:167 Resp: 673950

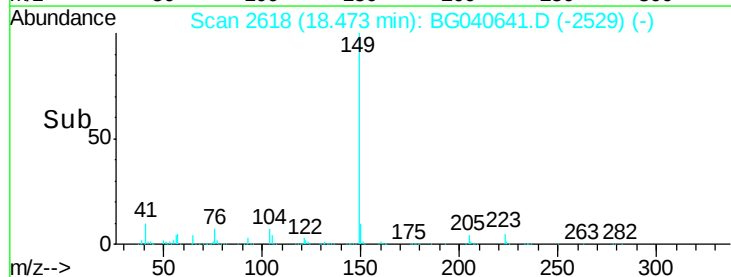
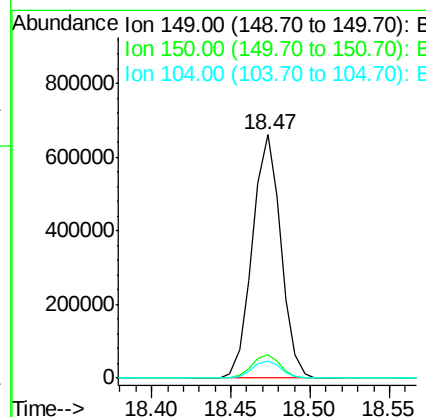
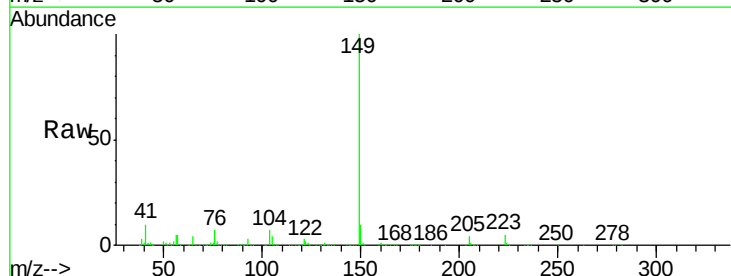
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.2	11.4	17.0

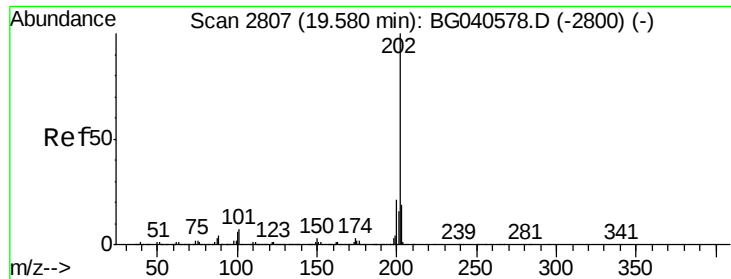


#74
 Di-n-butylphthalate
 Concen: 40.353 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BG040641.D
 Acq: 26 Apr 2019 23:46

Tgt Ion:149 Resp: 824946

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	7.2	5.4	8.2





#75

Fluoranthene

Concen: 42.030 ng

RT: 19.58 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

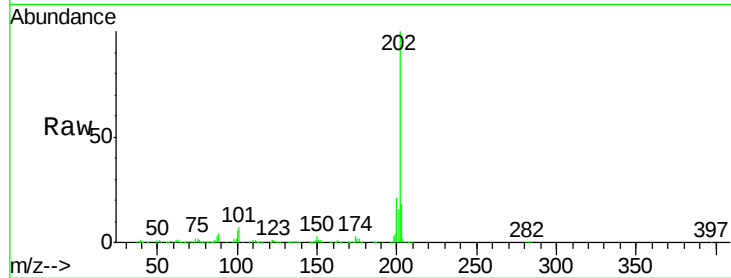
Tot Ion:202 Resp: 968700

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.5

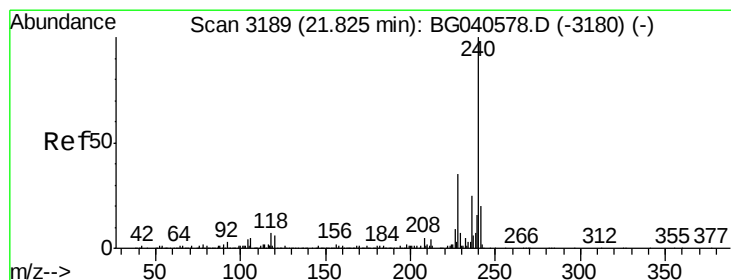
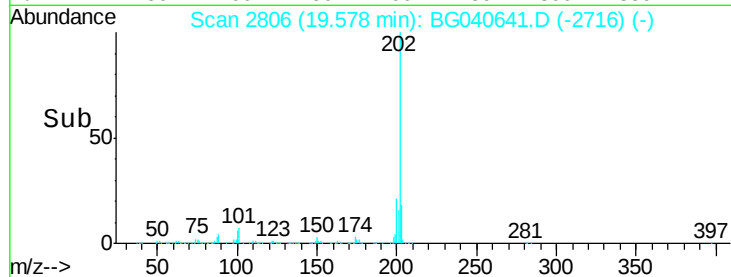
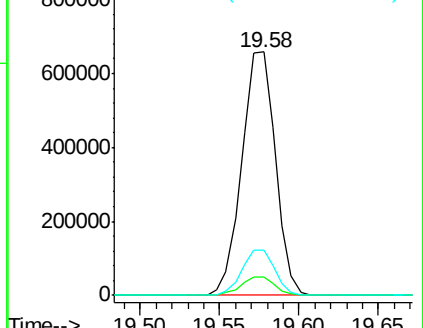
203 18.3 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

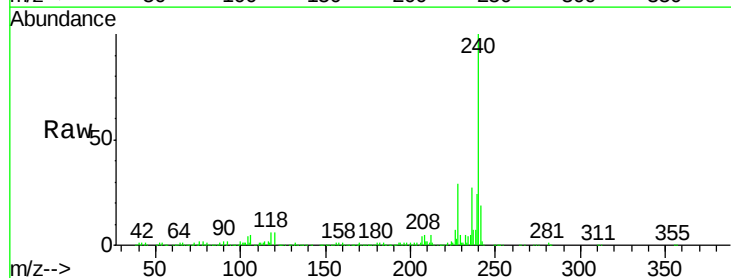
Tgt Ion:240 Resp: 353123

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.6

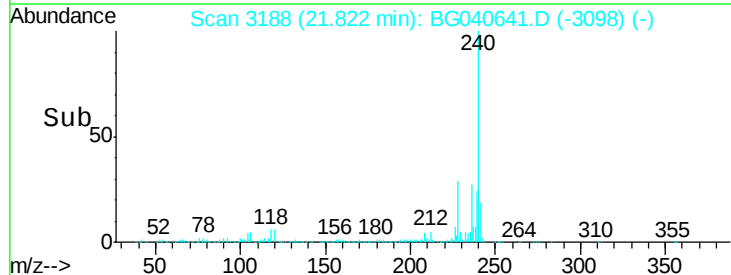
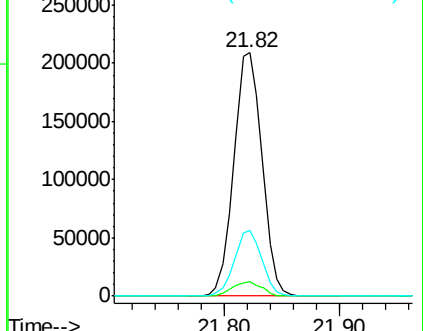
236 26.9 20.3 30.5

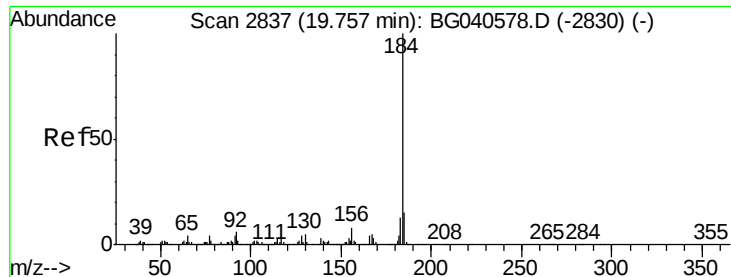


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.041 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

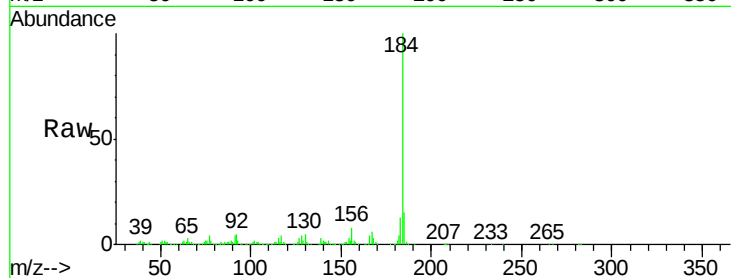
Tot Ion:184 Resp: 503166

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

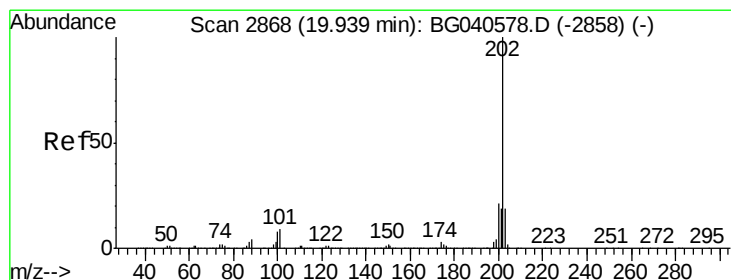
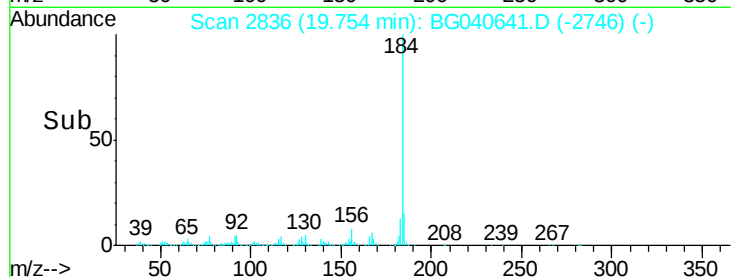
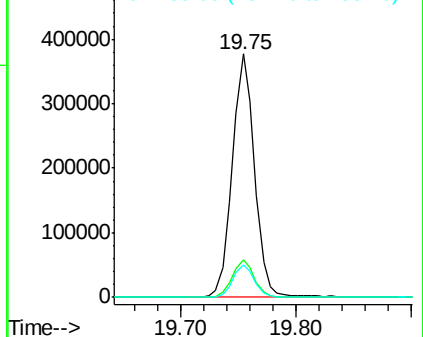
183 13.1 10.2 15.2



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: 43.303 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

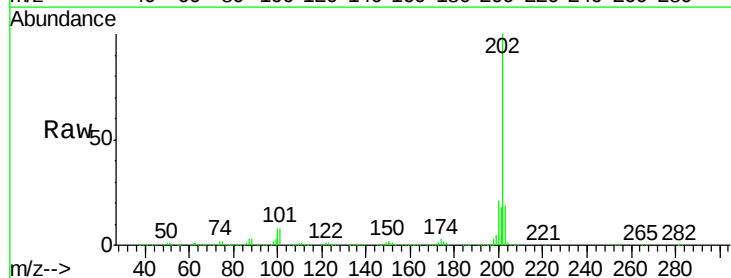
Tgt Ion:202 Resp: 958399

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

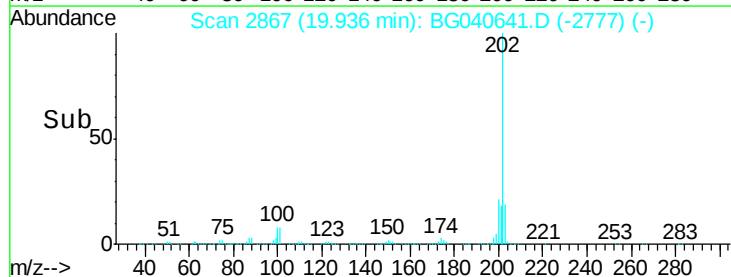
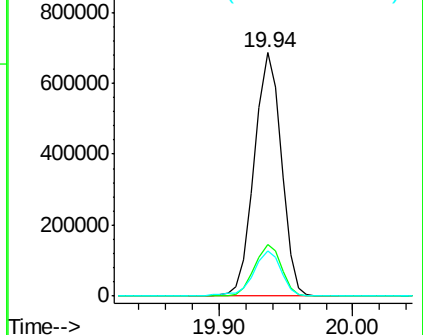
203 18.5 15.0 22.4

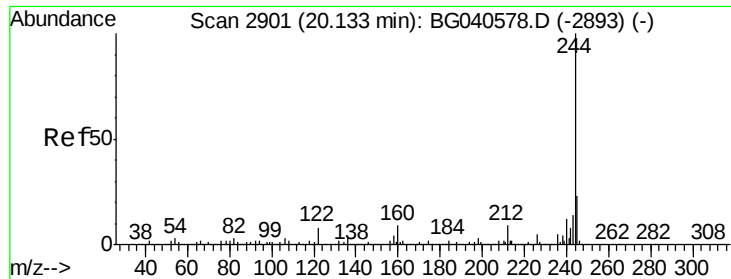


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.831 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

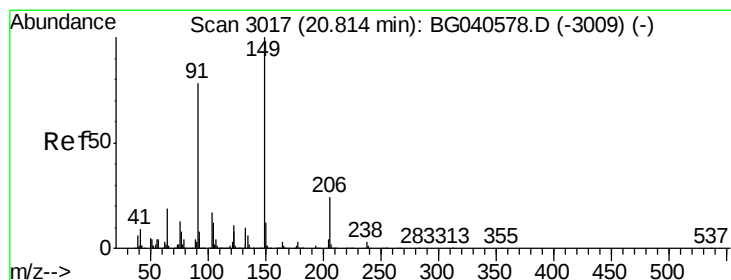
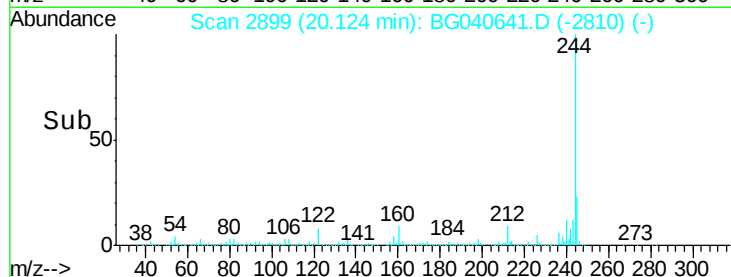
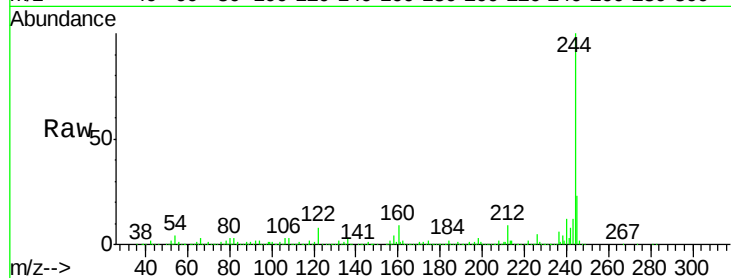
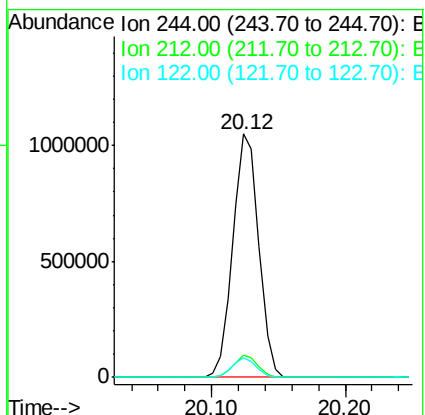
BNA_G

ClientSampleId :

PB119239BS

Tot Ion:244 Resp: 1415908

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	8.0	6.6	10.0



#80

Butylbenzylphthalate

Concen: 44.098 ng

RT: 20.81 min Scan# 3016

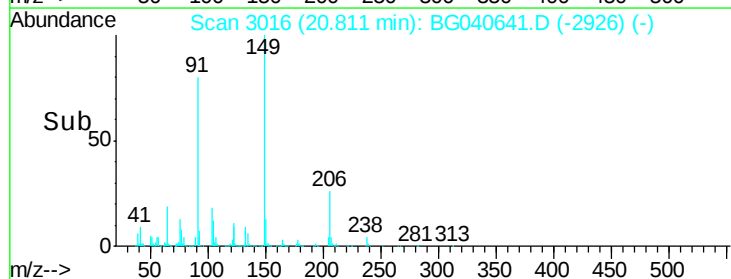
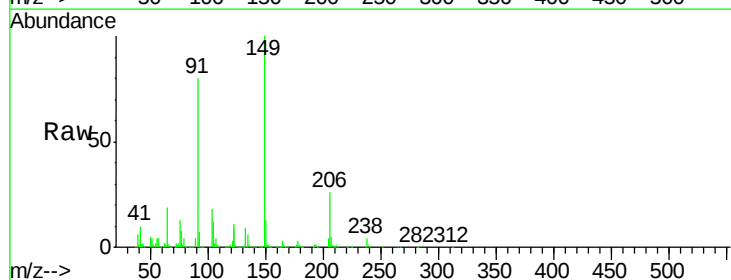
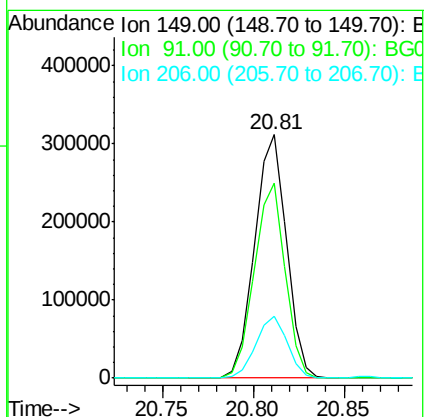
Delta R.T. -0.00 min

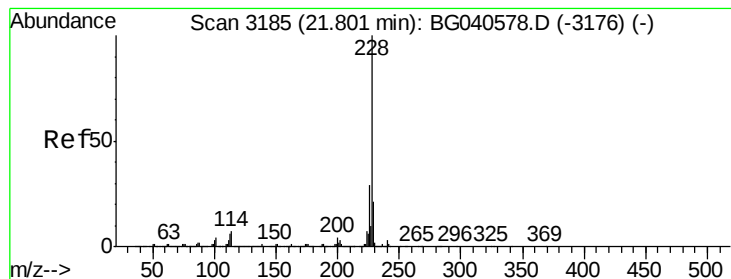
Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Tgt Ion:149 Resp: 380392

Ion	Ratio	Lower	Upper
149	100		
91	80.2	62.6	93.8
206	25.5	19.4	29.2





#81

Benzo(a)anthracene

Concen: 41.990 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

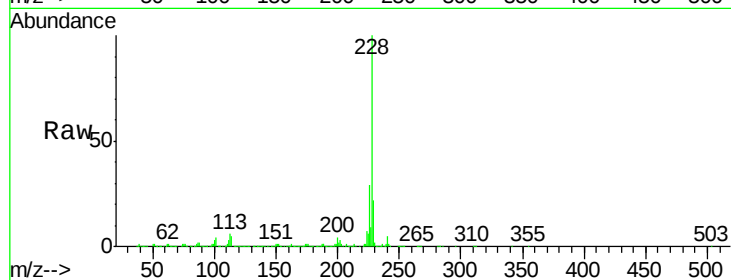
Tot Ion:228 Resp: 937121

Ion Ratio Lower Upper

228 100

226 29.0 23.1 34.7

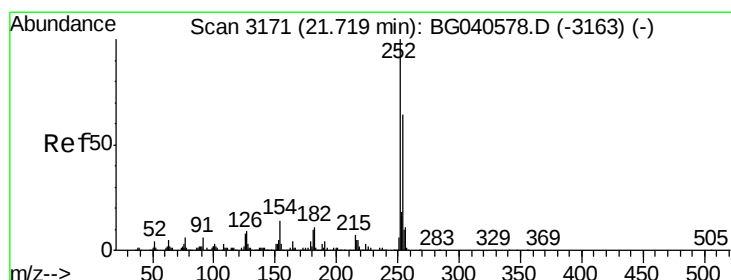
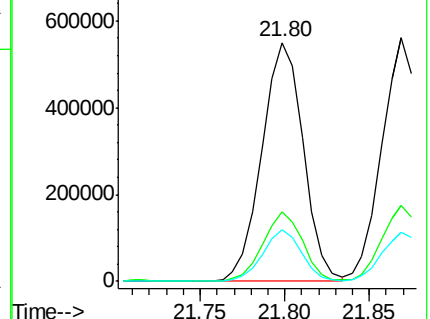
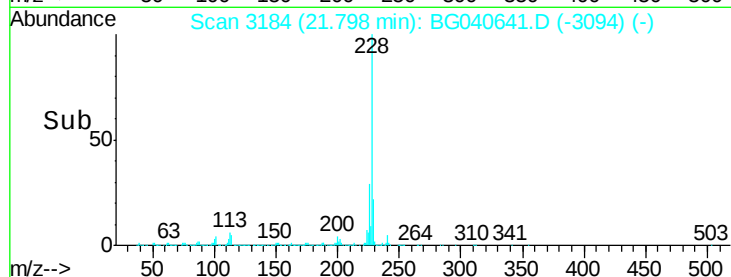
229 21.6 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.605 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

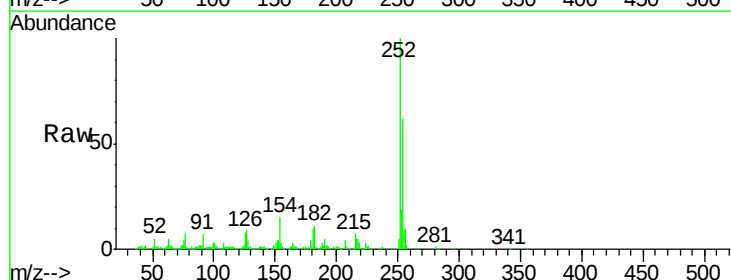
Tgt Ion:252 Resp: 235496

Ion Ratio Lower Upper

252 100

254 62.1 51.2 76.8

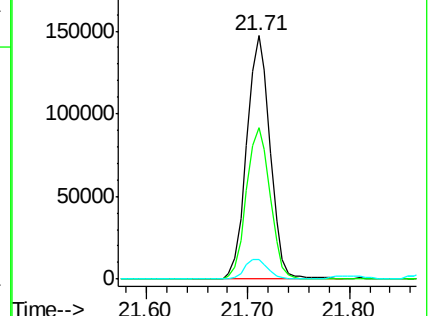
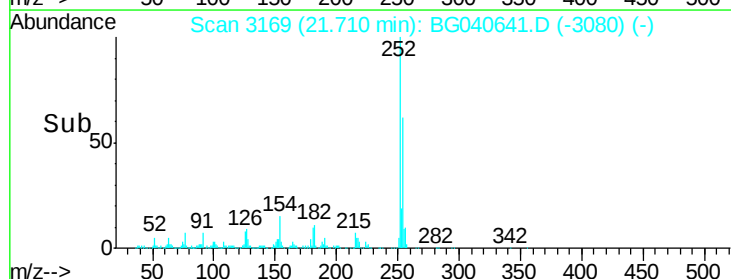
126 7.9 6.6 10.0

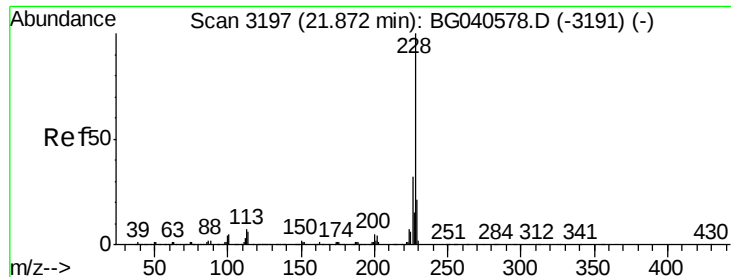


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.020 ng

RT: 21.87 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

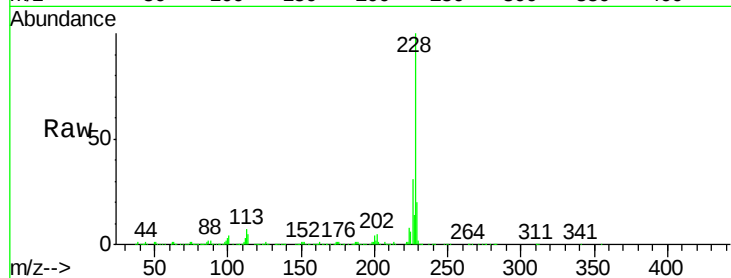
Tot Ion:228 Resp: 913081

Ion Ratio Lower Upper

228 100

226 31.0 25.5 38.3

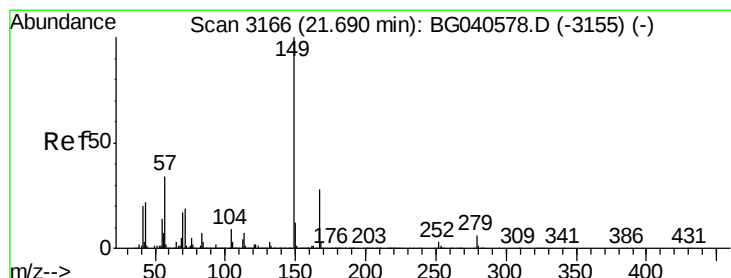
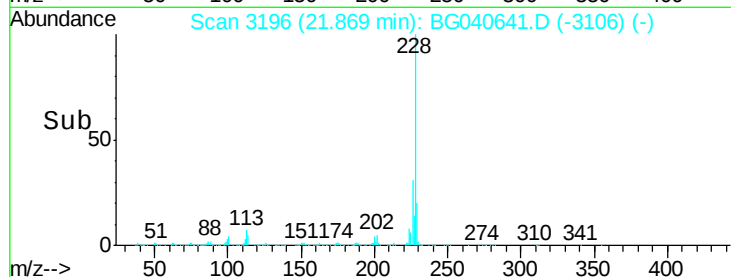
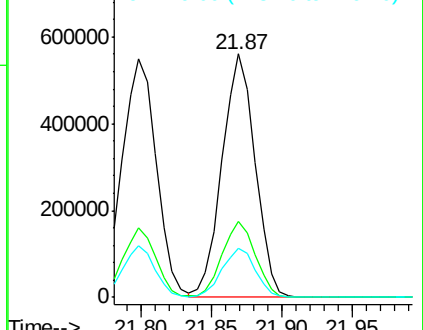
229 20.0 16.8 25.2



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: 42.888 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

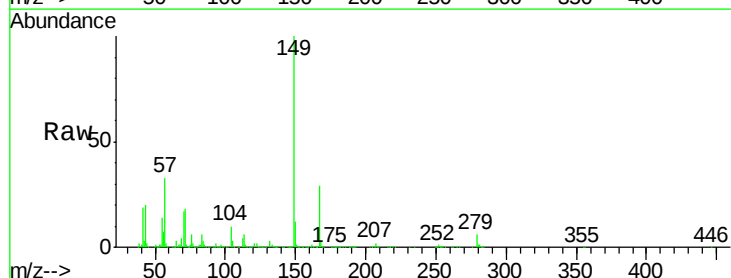
Tgt Ion:149 Resp: 534038

Ion Ratio Lower Upper

149 100

167 28.7 22.4 33.6

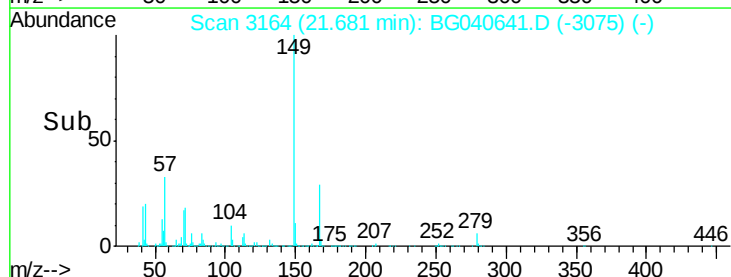
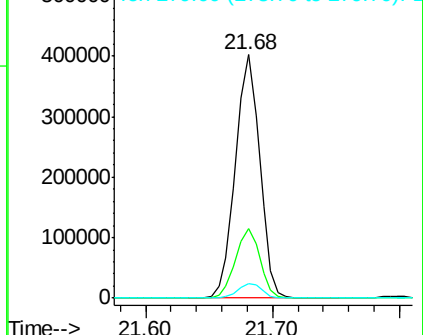
279 6.0 4.6 6.8

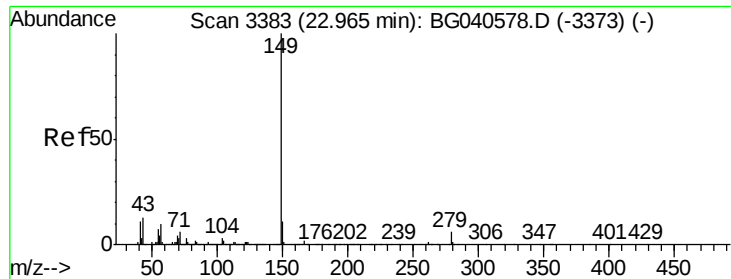


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.689 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

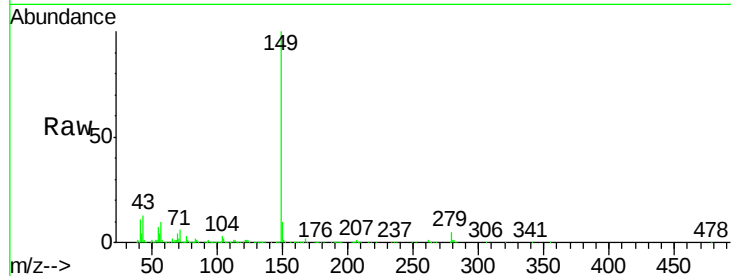
Tot Ion:149 Resp: 916179

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 12.8 10.2 15.2



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

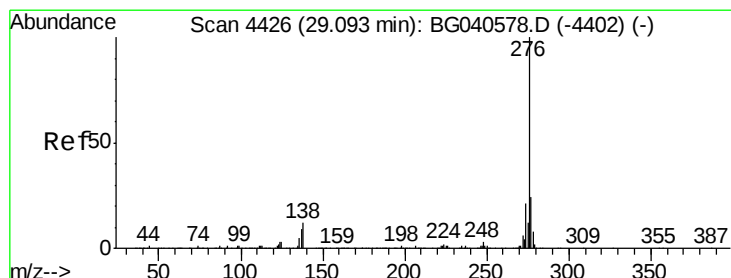
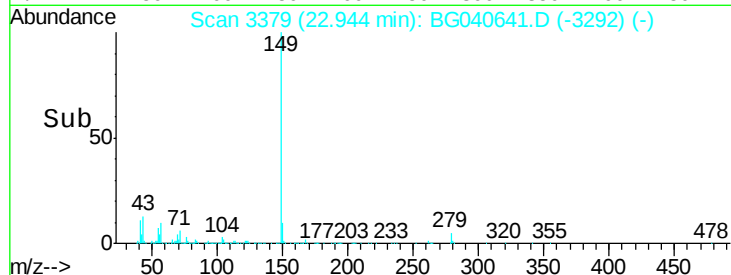
22.94

400000

200000

0

Time--> 22.80 22.90 23.00 23.10



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.399 ng

RT: 29.08 min Scan# 4423

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

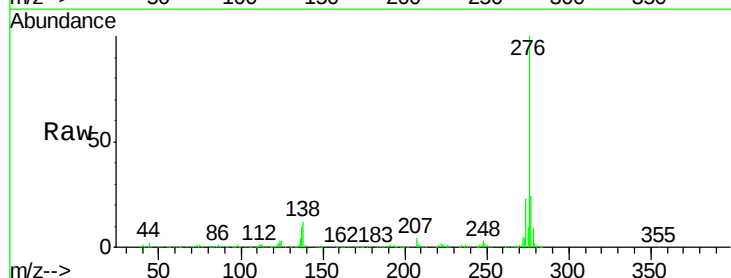
Tgt Ion:276 Resp: 1113698

Ion Ratio Lower Upper

276 100

138 10.9 9.8 14.6

277 25.7 17.3 25.9



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

29.08

250000

200000

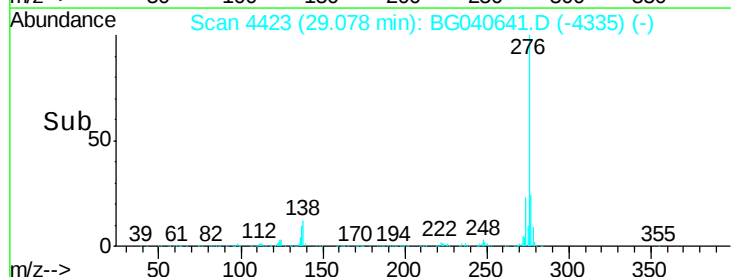
150000

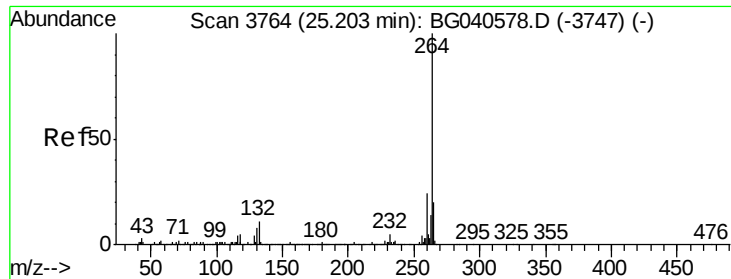
100000

50000

0

Time--> 28.80 29.00 29.20





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3761

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

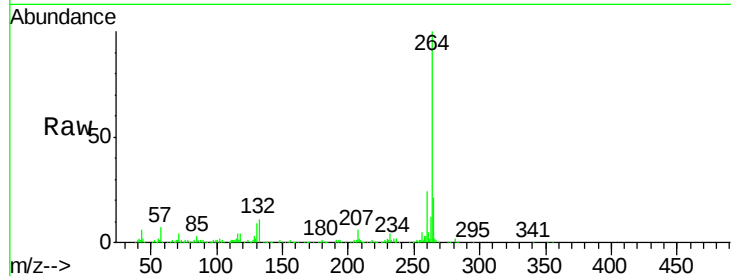
Tot Ion:264 Resp: 375732

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

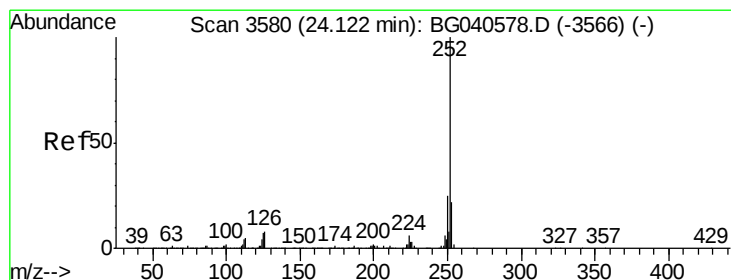
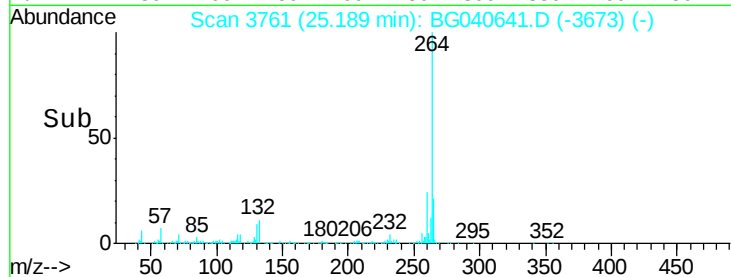
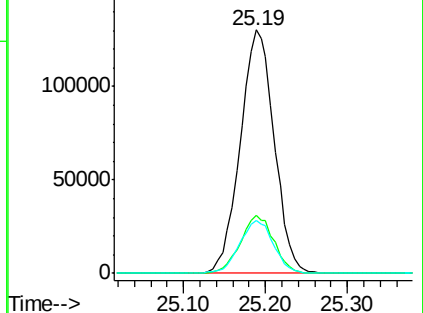
265 21.5 16.6 25.0



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: 41.746 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

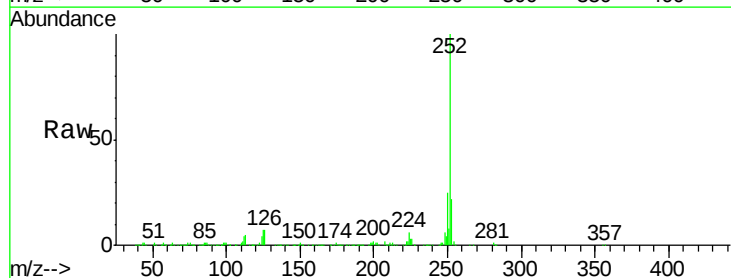
Tgt Ion:252 Resp: 958501

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

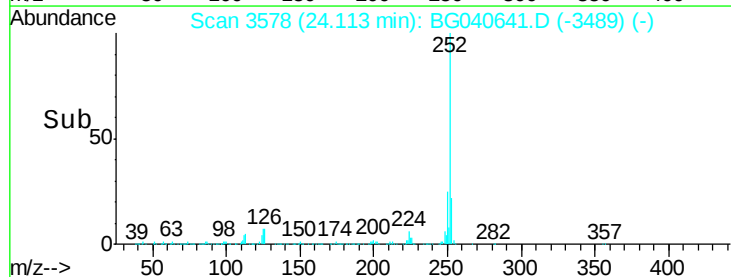
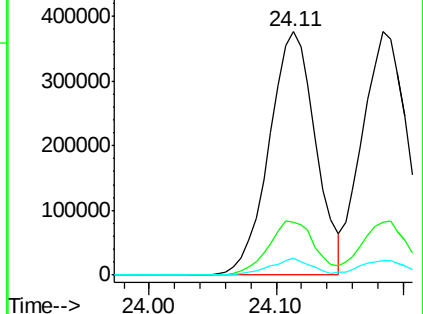
125 7.1 5.4 8.0

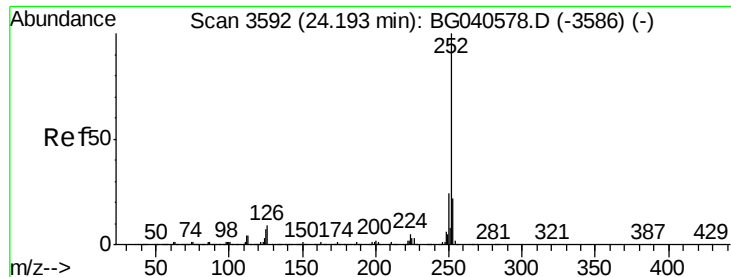


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.049 ng

RT: 24.18 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

Instrument :

BNA_G

ClientSampleId :

PB119239BS

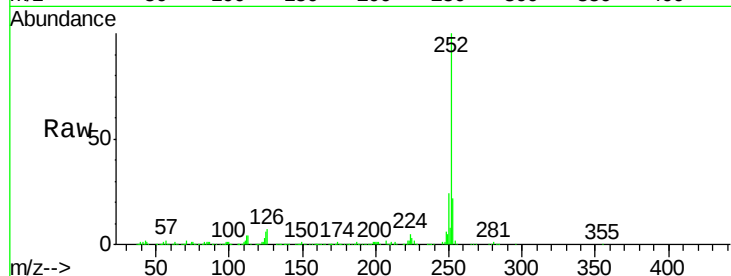
Tot Ion:252 Resp: 923097

Ion Ratio Lower Upper

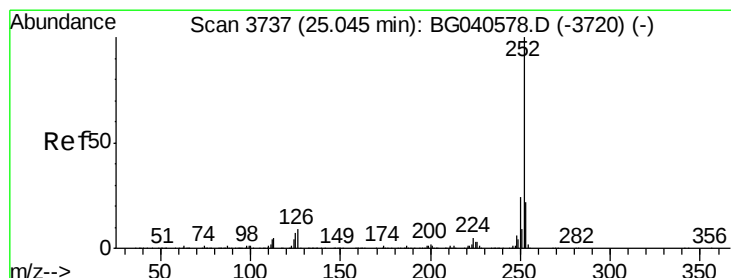
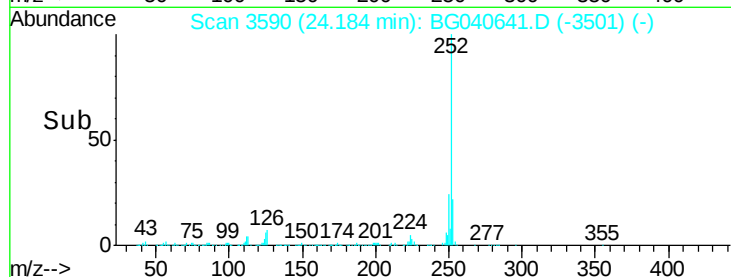
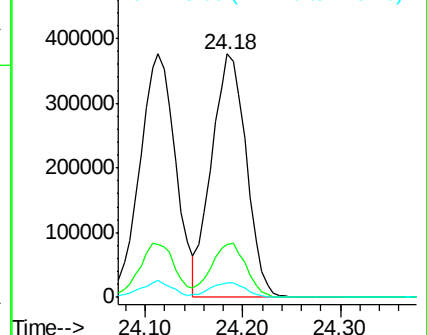
252 100

253 21.8 17.6 26.4

125 5.9 5.5 8.3



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: 42.571 ng

RT: 25.04 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG040641.D

Acq: 26 Apr 2019 23:46

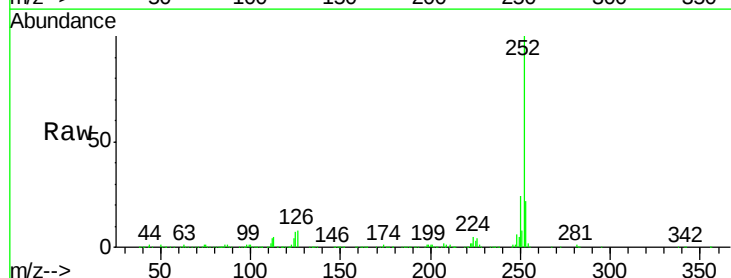
Tgt Ion:252 Resp: 925242

Ion Ratio Lower Upper

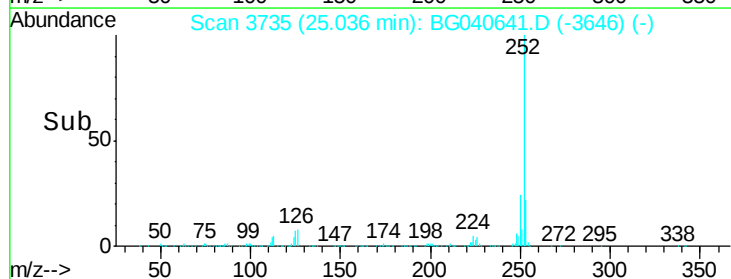
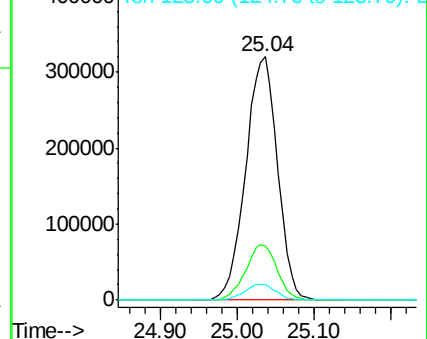
252 100

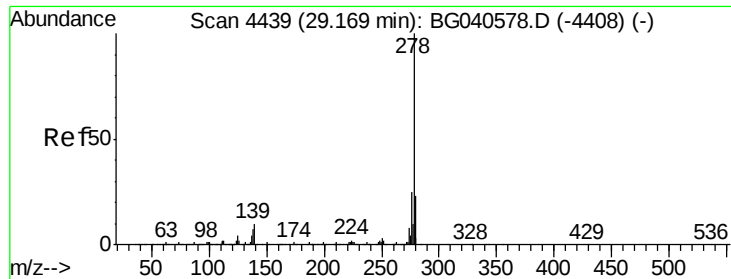
253 22.1 17.8 26.6

125 6.5 5.7 8.5



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



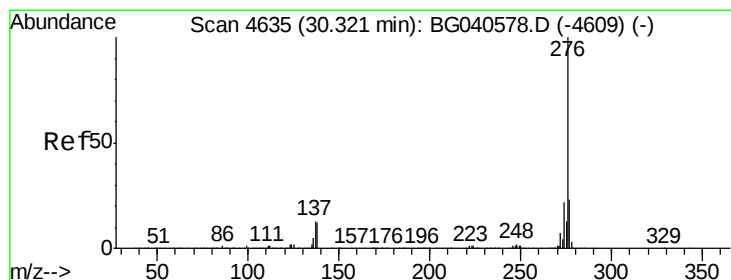
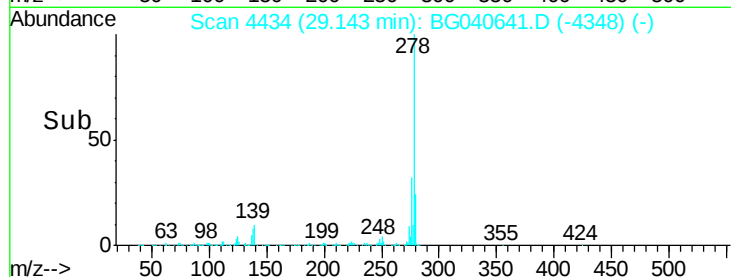
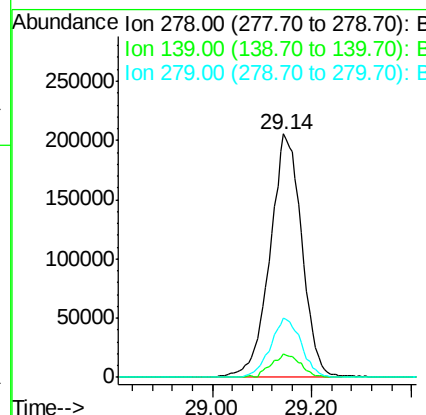
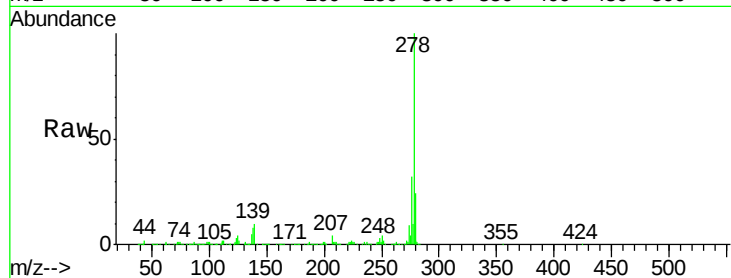


#91
Dibenzo(a,h)anthracene
Concen: 41.485 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.03 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Instrument :
BNA_G
ClientSampleId :
PB119239BS

Tot Ion:278 Resp: 912425

Ion	Ratio	Lower	Upper
278	100		
139	9.6	8.2	12.4
279	24.1	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 41.707 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.03 min
Lab File: BG040641.D
Acq: 26 Apr 2019 23:46

Tgt Ion:276 Resp: 912935

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	11.8	9.8	14.6

