

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041185.D
 Acq On : 11 Jun 2019 12:16
 Operator : HP/JU
 Sample : K3265-02REMS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:52:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	42202	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	164168	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	125382	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	307434	20.00	ng	0.00
76) Chrysene-d12	21.76	240	306615	20.00	ng	0.00
87) Perylene-d12	25.09	264	319614	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	374466	160.00	ng	0.00
7) Phenol-d6	7.26	99	563763	155.97	ng	0.01
23) Nitrobenzene-d5	9.29	82	383680	103.75	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	313794	168.58	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	842061	96.72	ng	0.00
79) Terphenyl-d14	20.08	244	1404165	97.19	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	38056	35.834	ng	94
3) Pyridine	3.91	79	106550	33.906	ng	94
4) n-Nitrosodimethylamine	3.83	42	67752	46.455	ng	93
6) Aniline	7.43	93	85838	17.792	ng	95
8) 2-Chlorophenol	7.67	128	139477	49.989	ng	98
9) Benzaldehyde	7.24	77	41144	19.082	ng	97
10) Phenol	7.28	94	193059	49.816	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	127707	45.424	ng	95
12) 1,3-Dichlorobenzene	7.99	146	148712	44.625	ng	94
13) 1,4-Dichlorobenzene	8.14	146	152461	45.198	ng	97
14) 1,2-Dichlorobenzene	8.46	146	148956	45.480	ng	97
15) Benzyl Alcohol	8.35	79	159518	47.709	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	193958	42.219	ng	98
17) 2-Methylphenol	8.54	107	133631	47.623	ng	97
18) Hexachloroethane	9.19	117	57648	44.341	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	122560	44.062	ng	98
20) 3+4-Methylphenols	8.87	107	184821	47.550	ng	97
22) Acetophenone	8.94	105	233305	50.661	ng	# 97
24) Nitrobenzene	9.33	77	197236	52.337	ng	98
25) Isophorone	9.84	82	351858	49.997	ng	99
26) 2-Nitrophenol	10.04	139	88409	56.906	ng	95
27) 2,4-Dimethylphenol	10.08	122	151351	58.986	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	185117	48.736	ng	98
29) 2,4-Dichlorophenol	10.57	162	176353	54.124	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	189340	51.081	ng	95
31) Naphthalene	10.98	128	464436	52.691	ng	99
32) Benzoic acid	10.18	122	17216	15.297	ng	96
33) 4-Chloroaniline	11.09	127	59012	14.429	ng	95
34) Hexachlorobutadiene	11.24	225	136110	47.991	ng	97
35) Caprolactam	11.89	113	40622	37.753	ng	99
36) 4-Chloro-3-methylphenol	12.20	107	201399	54.122	ng	95
37) 2-Methylnaphthalene	12.57	142	360383	53.086	ng	99
38) 1-Methylnaphthalene	12.80	142	346387	54.147	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	268557	53.142	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	263885	95.376	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	174883	53.494	ng	95
44) 2,4,5-Trichlorophenol	13.25	196	184545	53.525	ng	97
46) 1,1'-Biphenyl	13.57	154	494064	53.234	ng	97
47) 2-Chloronaphthalene	13.62	162	408206	51.233	ng	100
48) 2-Nitroaniline	13.84	65	145521	50.911	ng	97
49) Acenaphthylene	14.46	152	636904	53.112	ng	100
50) Dimethylphthalate	14.19	163	608100	57.294	ng	99
51) 2,6-Dinitrotoluene	14.32	165	120914	52.838	ng	92
52) Acenaphthene	14.81	154	371534	51.144	ng	97
53) 3-Nitroaniline	14.65	138	67401	29.454	ng	# 95
54) 2,4-Dinitrophenol	14.86	184	62835	59.782	ng	98
55) Dibenzofuran	15.13	168	650462	53.213	ng	99
56) 4-Nitrophenol	14.96	139	170229	108.455	ng	94
57) 2,4-Dinitrotoluene	15.10	165	174503	53.983	ng	99
58) Fluorene	15.79	166	507337	52.116	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	187311	55.281	ng	98
60) Diethylphthalate	15.54	149	540477	49.899	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	326027	51.526	ng	95
62) 4-Nitroaniline	15.82	138	115014	47.476	ng	93
63) Azobenzene	16.06	77	494243	50.204	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	88570	52.732	ng	97
66) n-Nitrosodiphenylamine	15.99	169	463266	53.604	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	212346	51.181	ng	95
68) Hexachlorobenzene	16.78	284	217896	49.320	ng	99
69) Atrazine	16.93	200	196270	58.857	ng	99
70) Pentachlorophenol	17.13	266	242227	101.159	ng	97
71) Phenanthrene	17.53	178	873672	54.558	ng	99
72) Anthracene	17.62	178	880501	55.750	ng	99
73) Carbazole	17.89	167	743626	54.873	ng	99
74) Di-n-butylphthalate	18.42	149	869826	51.642	ng	99
75) Fluoranthene	19.53	202	1096589	55.440	ng	98
77) Benzidine	19.71	184	277821	37.983	ng	96
78) Pyrene	19.89	202	1078868	54.127	ng	99
80) Butylbenzylphthalate	20.76	149	402822	51.932	ng	97
81) Benzo(a)anthracene	21.74	228	1038553	50.884	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	190301	26.509	ng	97
83) Chrysene	21.81	228	1013524	51.891	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	561314	51.406	ng	100
85) Di-n-octyl phthalate	22.85	149	952047	52.352	ng	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1089774	45.548	ng	# 98
88) Benzo(b)fluoranthene	24.02	252	1034697	53.374	ng	100
89) Benzo(k)fluoranthene	24.09	252	1043996	54.422	ng	99
90) Benzo(a)pyrene	24.94	252	1022159	55.266	ng	97
91) Dibenzo(a,h)anthracene	28.98	278	895423	48.452	ng	98
92) Benzo(g,h,i)perylene	30.13	276	840850	46.832	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

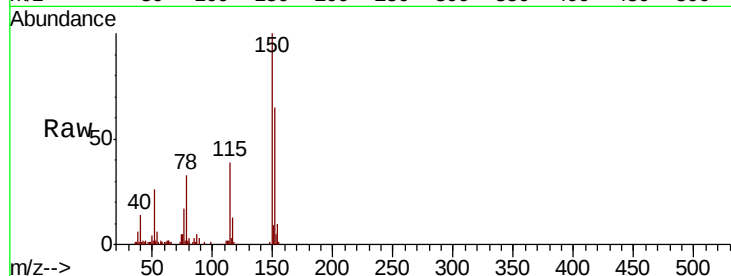
Tot Ion:152 Resp: 42202

Ion Ratio Lower Upper

152 100

150 153.3 120.6 180.8

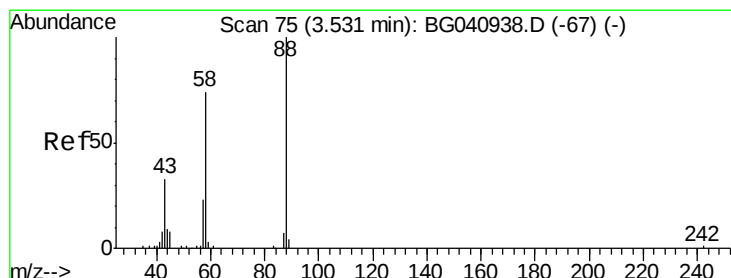
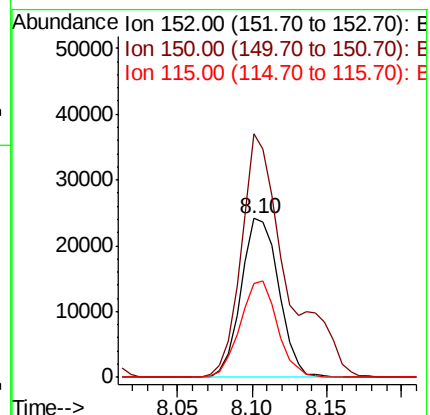
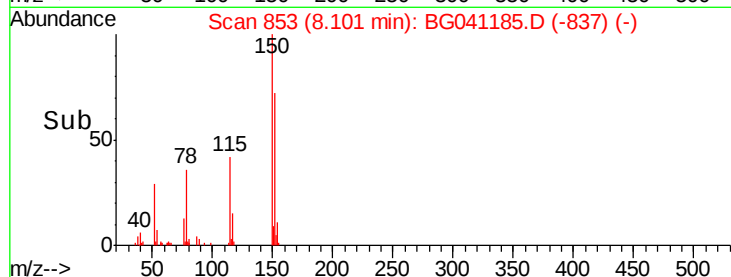
115 59.1 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.834 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

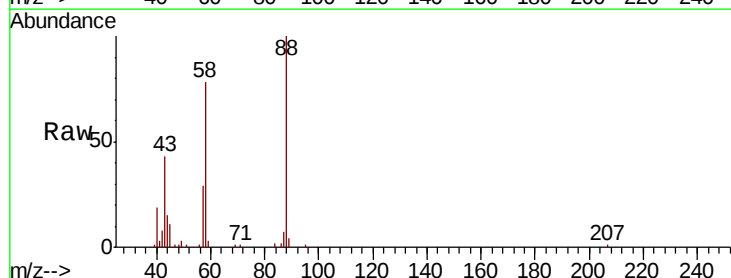
Tgt Ion: 88 Resp: 38056

Ion Ratio Lower Upper

88 100

58 71.1 59.0 88.6

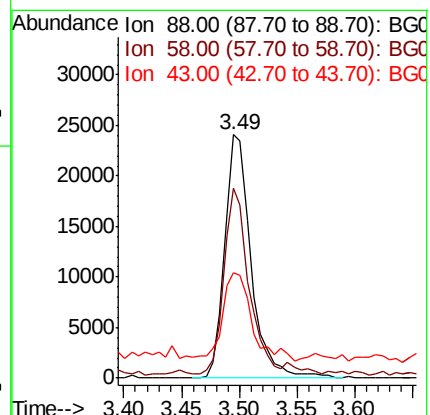
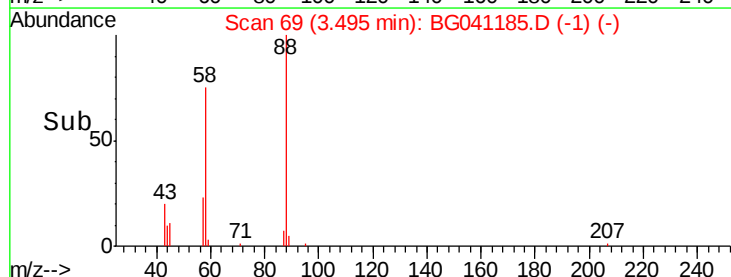
43 40.2 27.2 40.8



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: 33.906 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

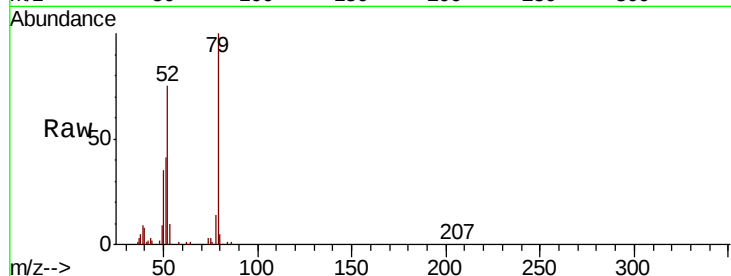
Tot Ion: 79 Resp: 106550

Ion Ratio Lower Upper

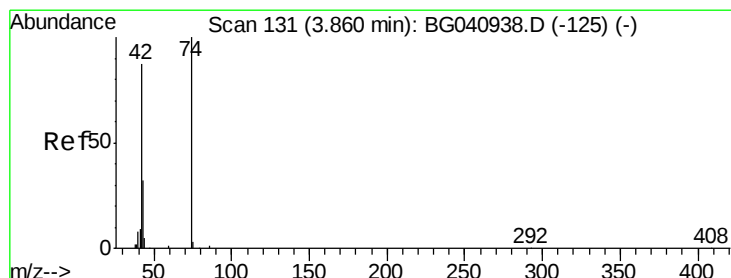
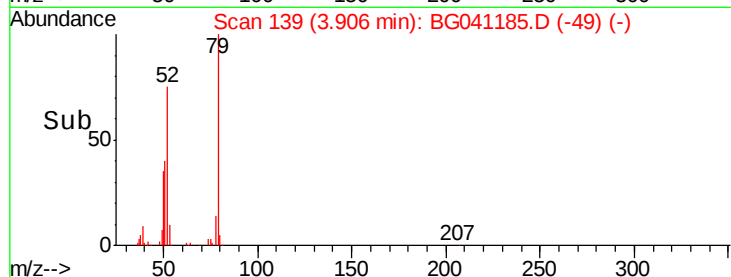
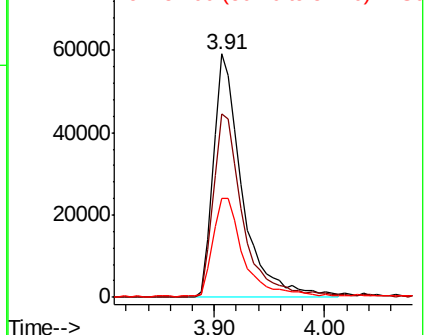
79 100

52 75.3 64.8 97.2

51 40.7 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 46.455 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

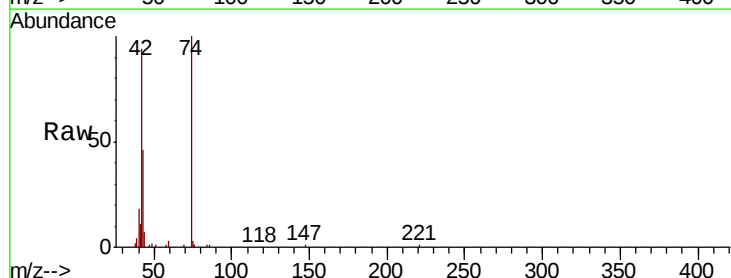
Tgt Ion: 42 Resp: 67752

Ion Ratio Lower Upper

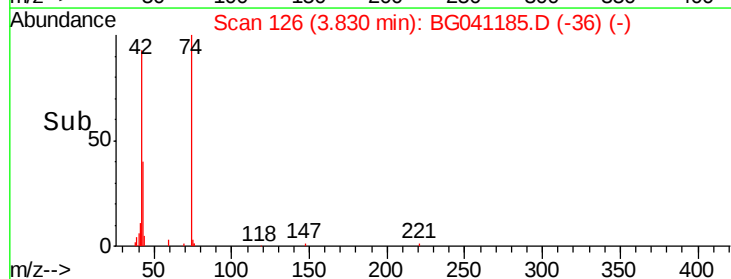
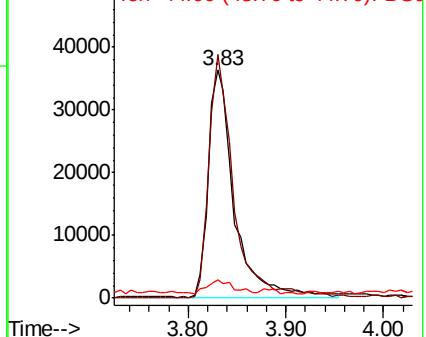
42 100

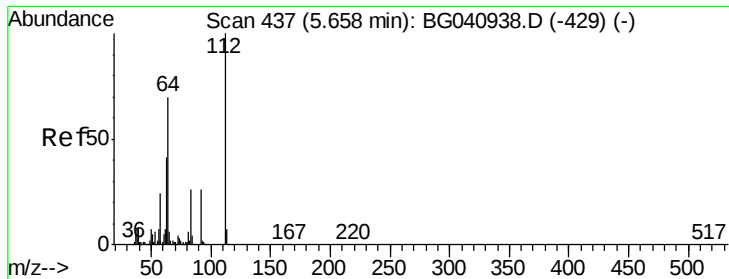
74 106.8 91.8 137.6

44 7.9 6.0 9.0



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





#5

2-Fluorophenol

Concen: 160.002 ng

RT: 5.65 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

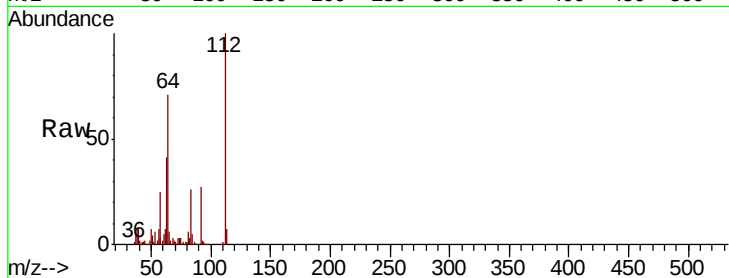
Tot Ion:112 Resp: 374466

Ion Ratio Lower Upper

112 100

64 70.5 56.2 84.2

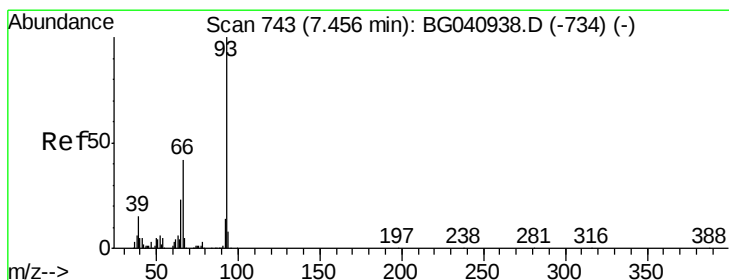
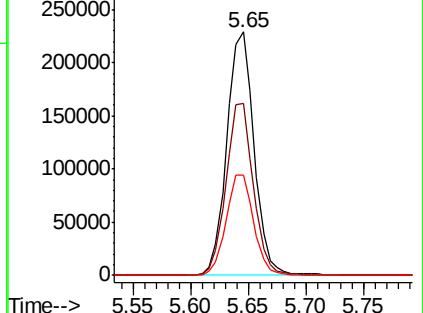
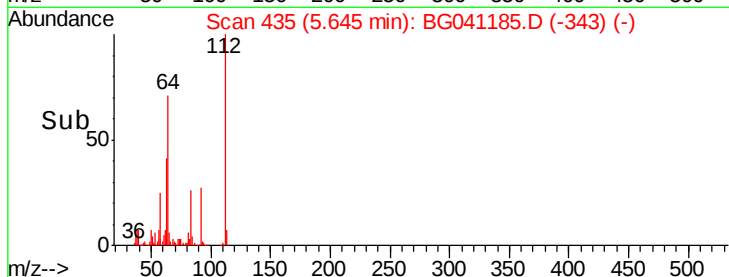
63 41.4 32.8 49.2



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: 17.792 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

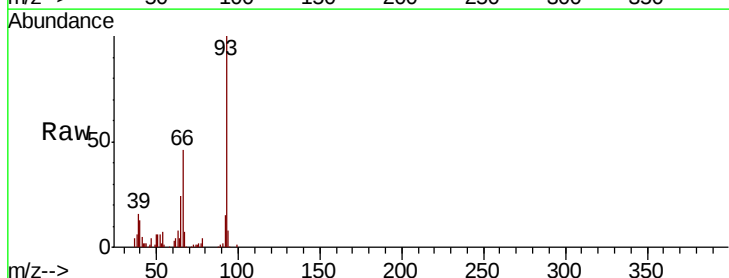
Tgt Ion: 93 Resp: 85838

Ion Ratio Lower Upper

93 100

66 45.7 33.8 50.8

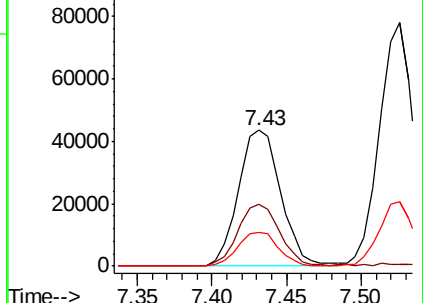
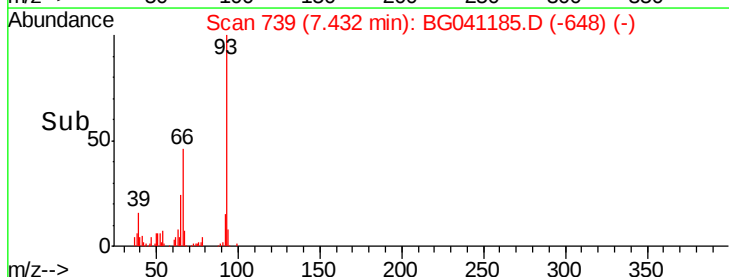
65 24.4 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 155.974 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

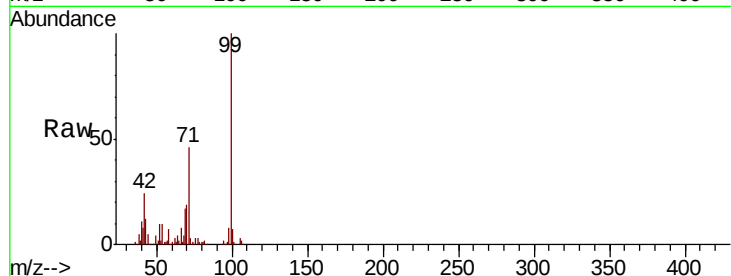
Tot Ion: 99 Resp: 563763

Ion Ratio Lower Upper

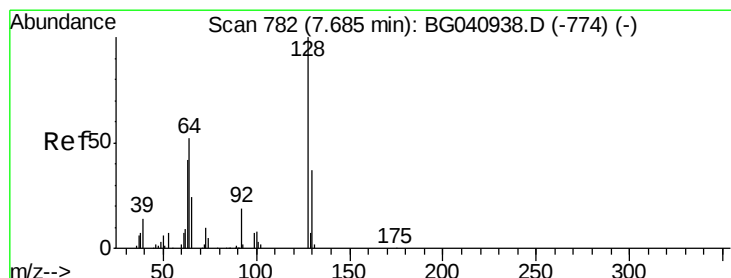
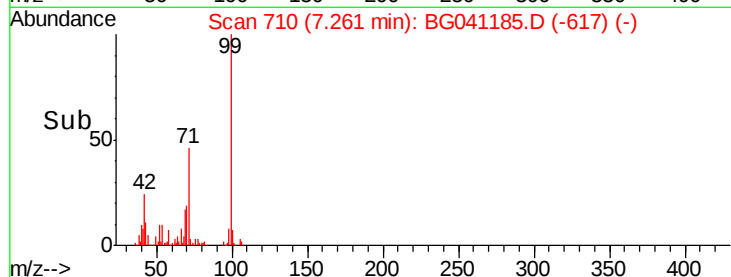
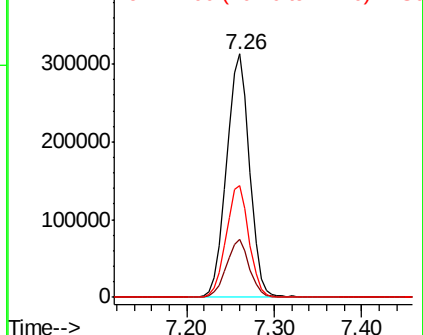
99 100

42 24.1 17.9 26.9

71 45.7 35.4 53.0



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



#8

2-Chlorophenol

Concen: 49.989 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

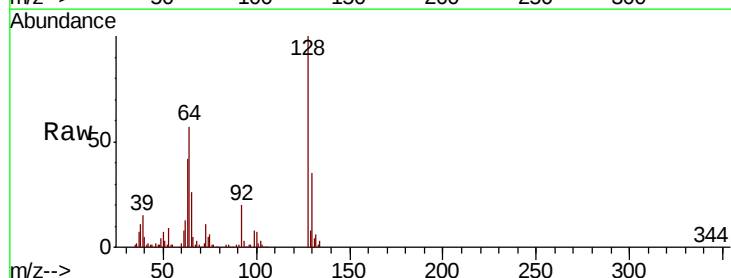
Tgt Ion: 128 Resp: 139477

Ion Ratio Lower Upper

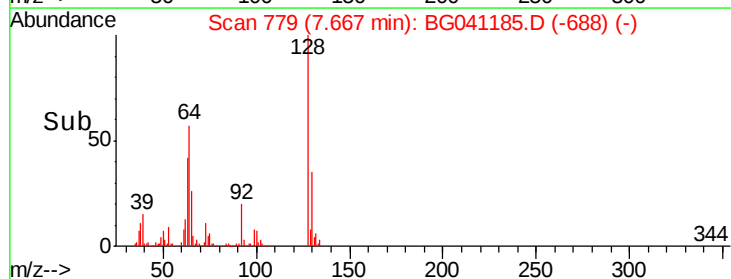
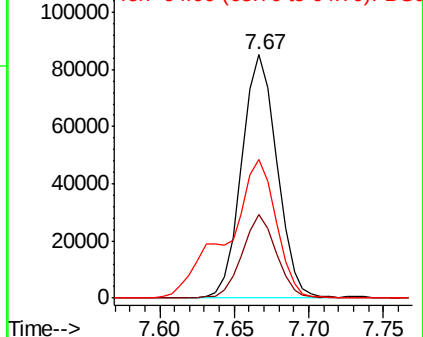
128 100

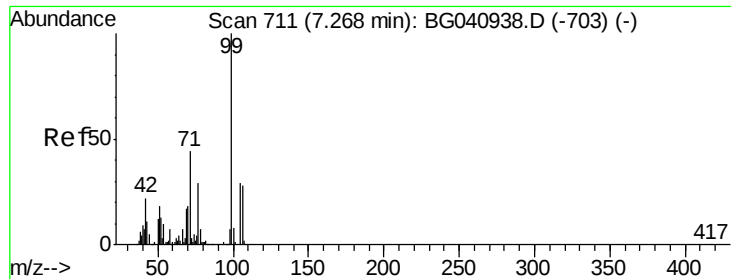
130 34.5 16.6 56.6

64 56.7 37.8 77.8



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





#9

Benzaldehyde

Concen: 19.082 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampled :

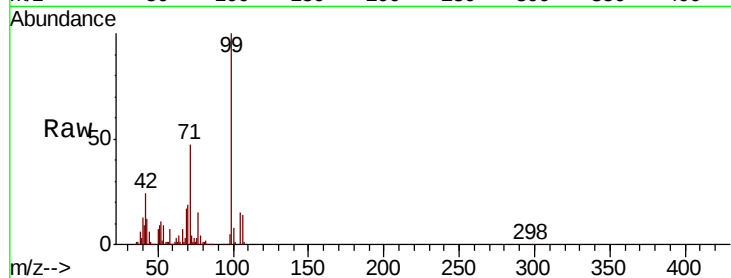
Tot Ion: 77 Resp: 41144

Ion Ratio Lower Upper

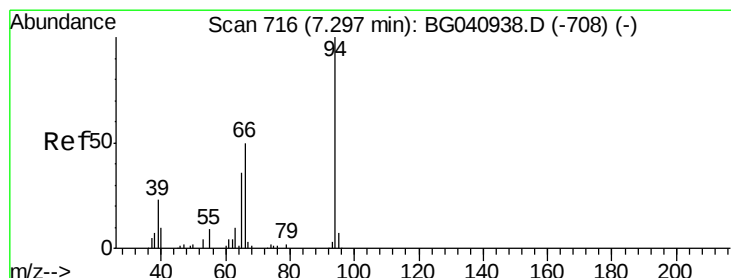
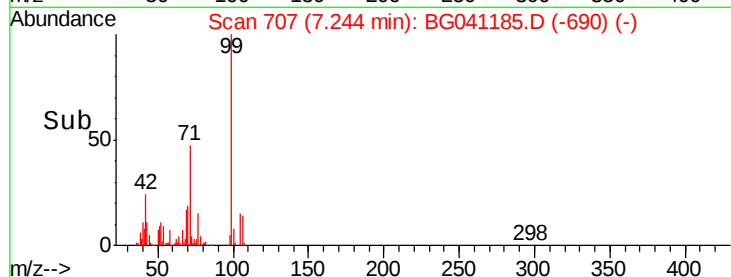
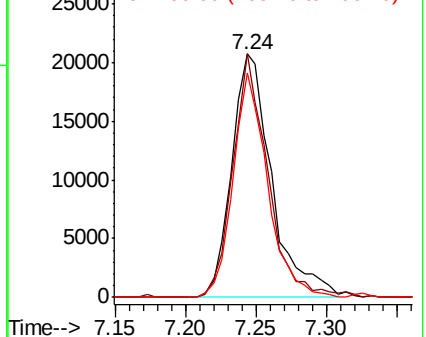
77 100

105 100.0 78.9 118.9

106 92.4 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.816 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

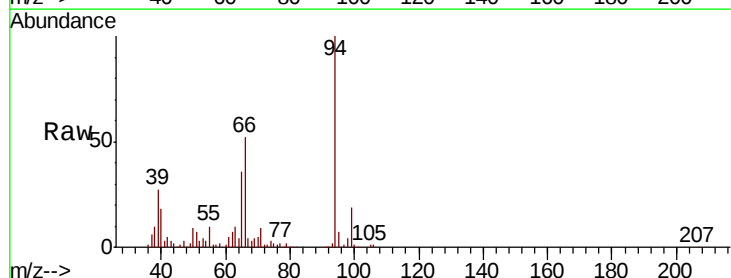
Tgt Ion: 94 Resp: 193059

Ion Ratio Lower Upper

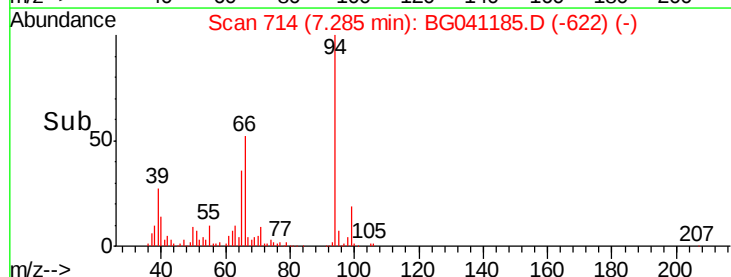
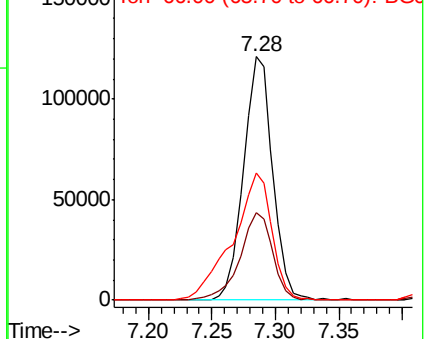
94 100

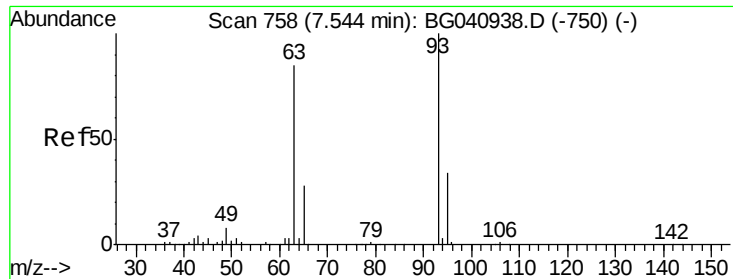
65 35.7 17.0 57.0

66 52.0 32.4 72.4



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

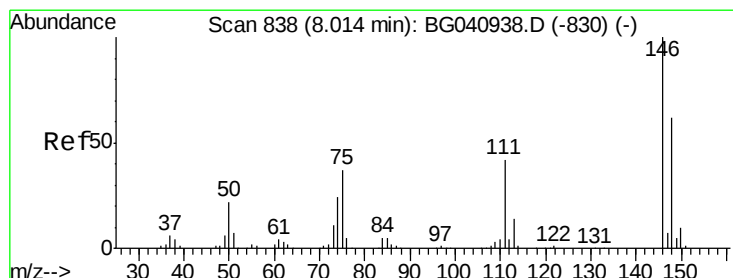
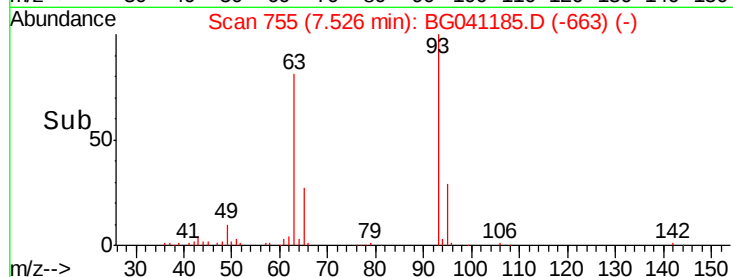
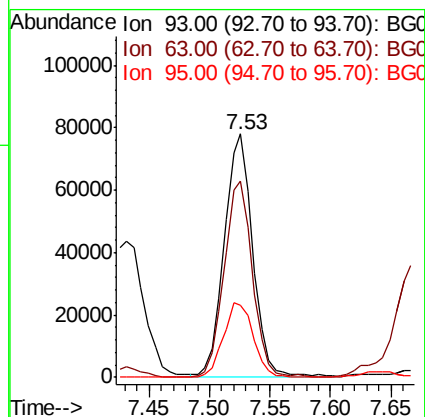
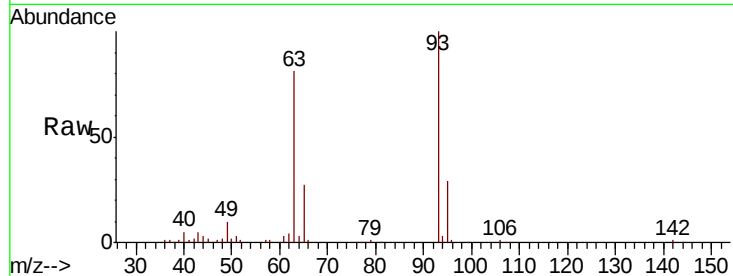




#11
bis(2-Chloroethyl)ether
Concen: 45.424 ng
RT: 7.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

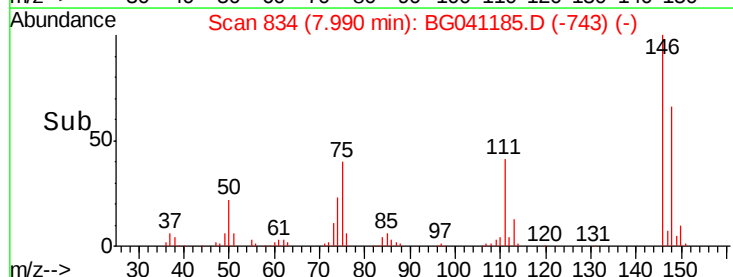
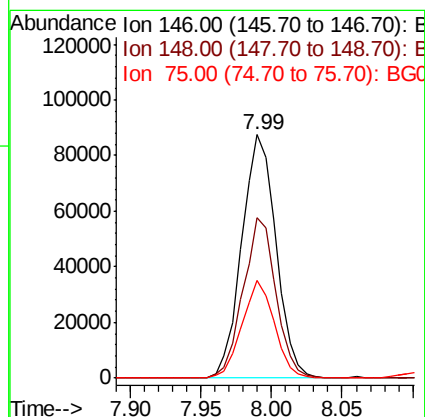
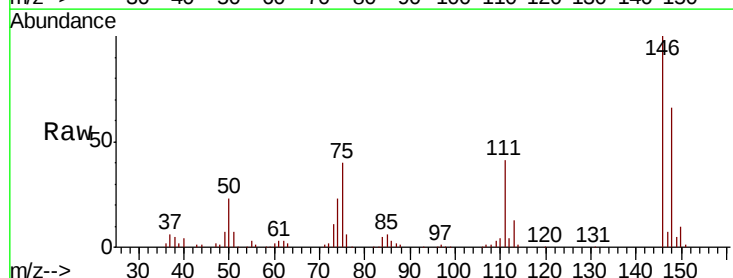
Instrument :
BNA_G
ClientSampled :

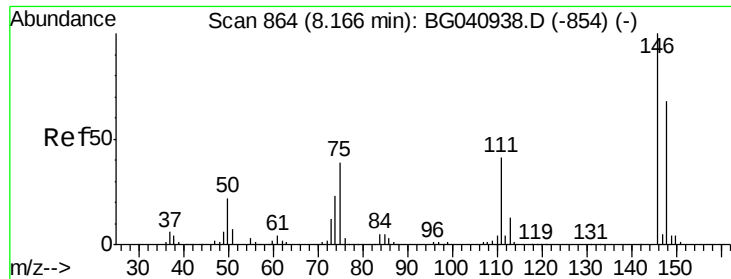
Tot Ion: 93 Resp: 127707
Ion Ratio Lower Upper
93 100
63 80.9 64.5 104.5
95 29.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 44.625 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion: 146 Resp: 148712
Ion Ratio Lower Upper
146 100
148 65.7 49.2 73.8
75 40.2 29.4 44.0

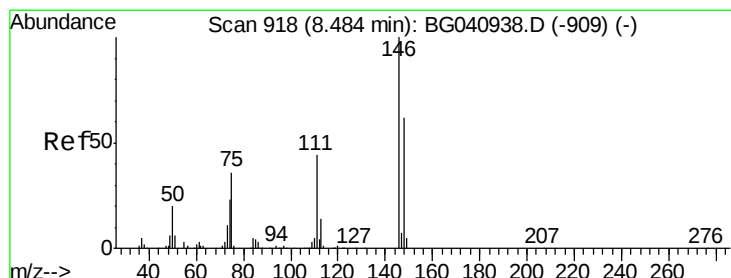
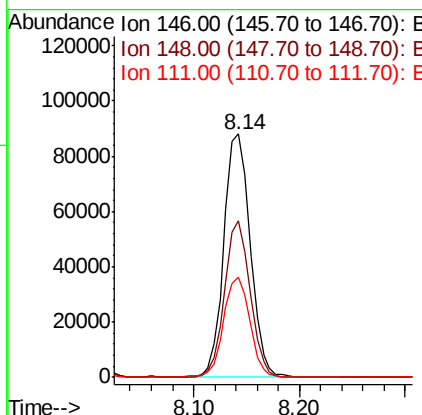
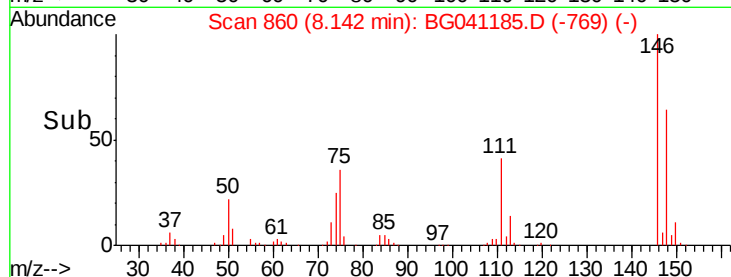
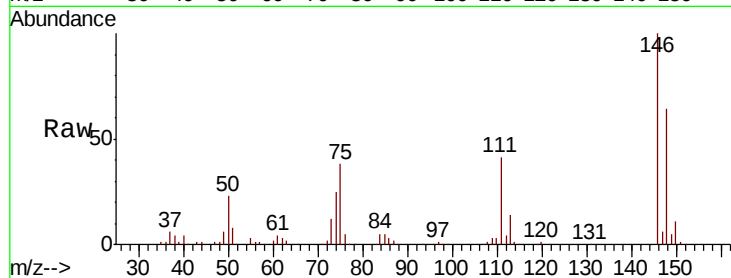




#13
 1,4-Dichlorobenzene
 Concen: 45.198 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

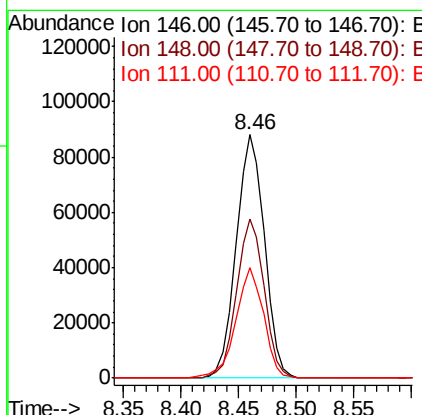
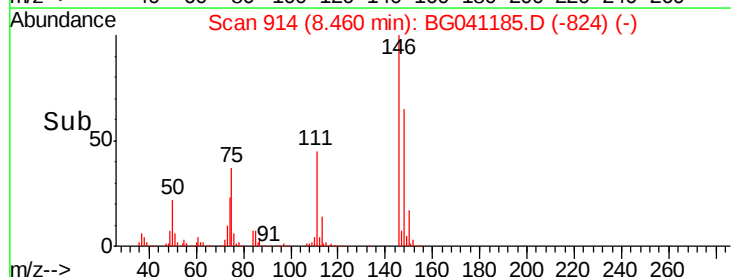
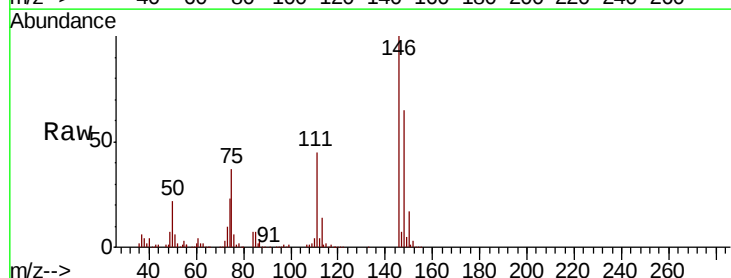
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 152461
 Ion Ratio Lower Upper
 146 100
 148 64.2 54.2 81.4
 111 41.1 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 45.480 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

Tgt Ion:146 Resp: 148956
 Ion Ratio Lower Upper
 146 100
 148 65.3 49.8 74.6
 111 45.4 35.0 52.4





#15

Benzyl Alcohol

Concen: 47.709 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

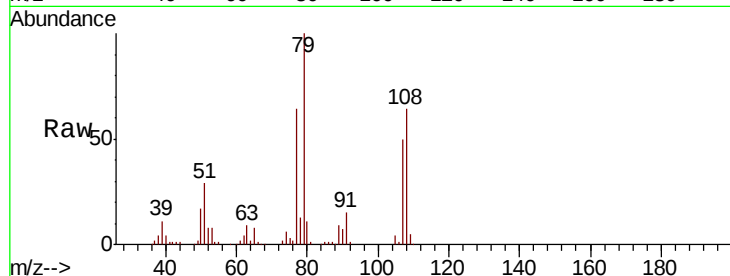
Tot Ion: 79 Resp: 159518

Ion Ratio Lower Upper

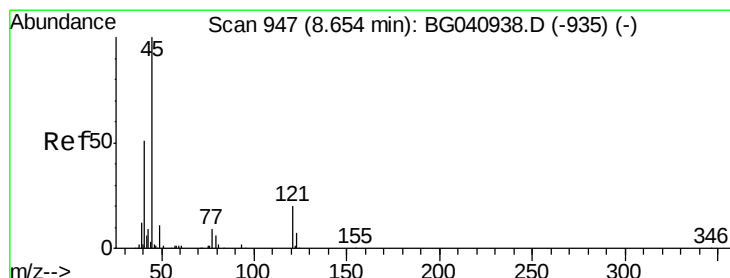
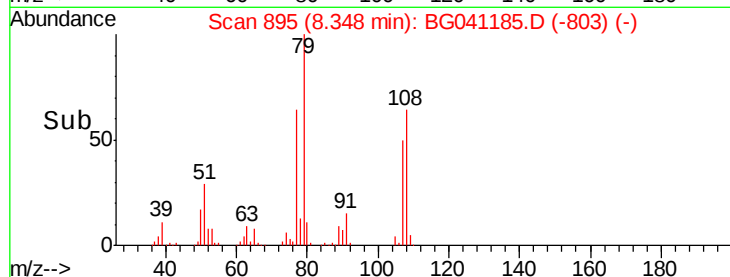
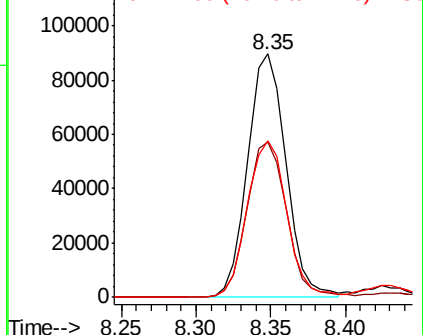
79 100

108 64.0 48.3 72.5

77 64.3 52.3 78.5



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: 42.219 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

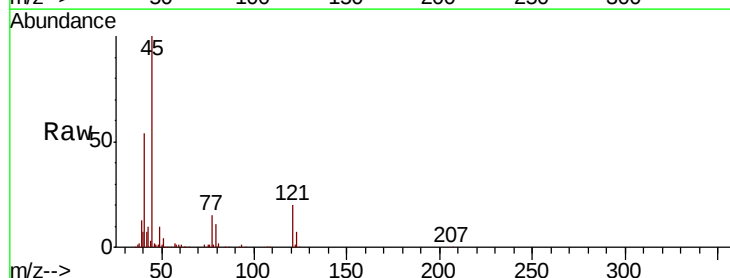
Tgt Ion: 45 Resp: 193958

Ion Ratio Lower Upper

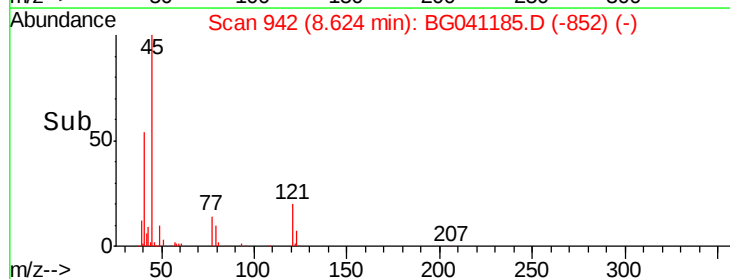
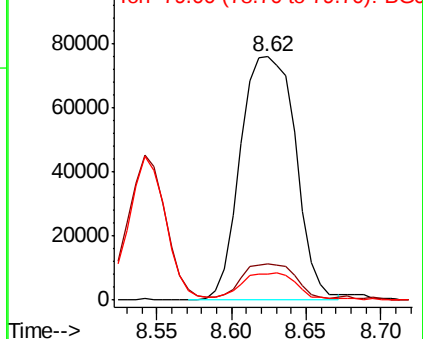
45 100

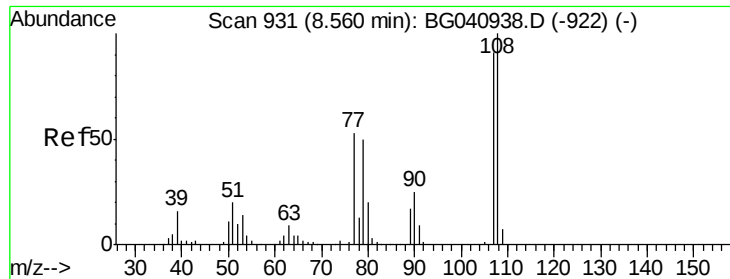
77 14.7 0.0 33.7

79 10.6 0.0 30.2



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

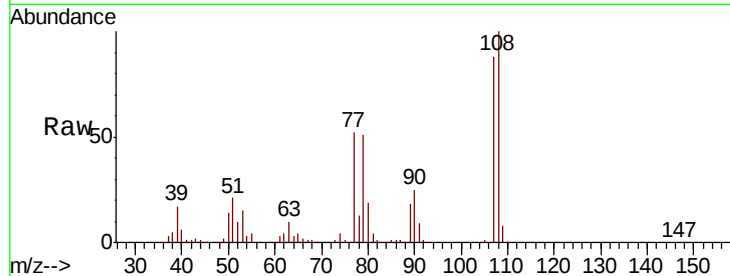




#17
2-Methylphenol
Concen: 47.623 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	87.7	131.5
77	58.8	46.6	70.0
79	58.3	44.6	66.8



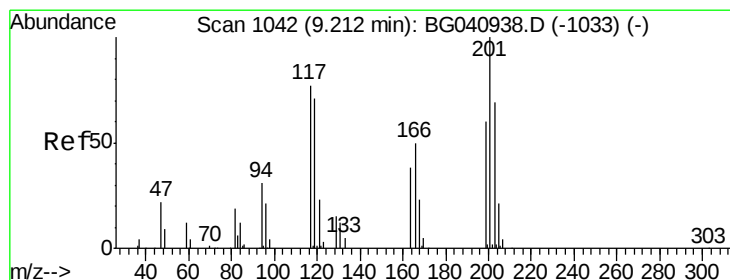
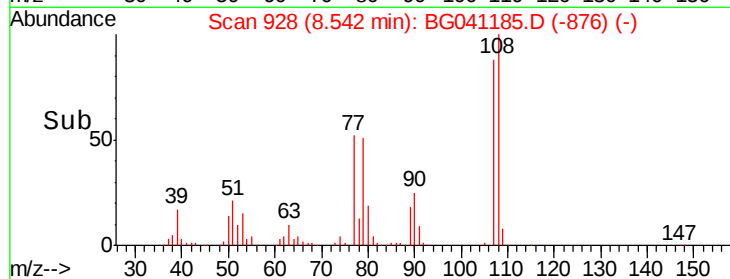
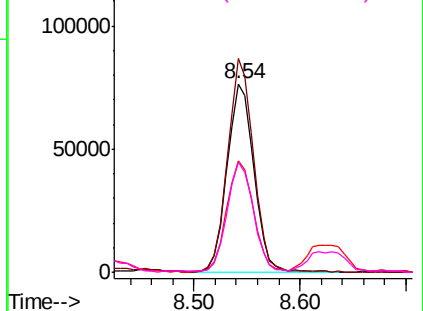
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

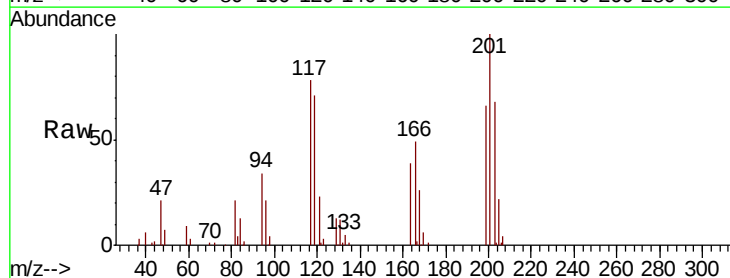
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.341 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.0	112.6
201	127.9	103.5	155.3

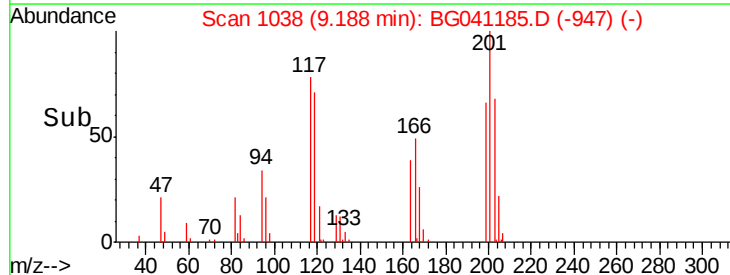
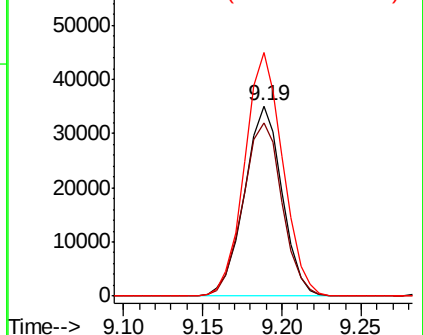


Abundance

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

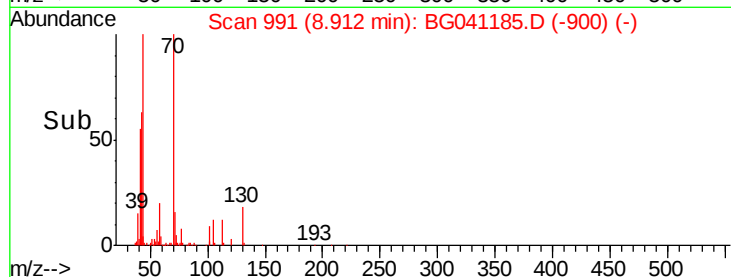
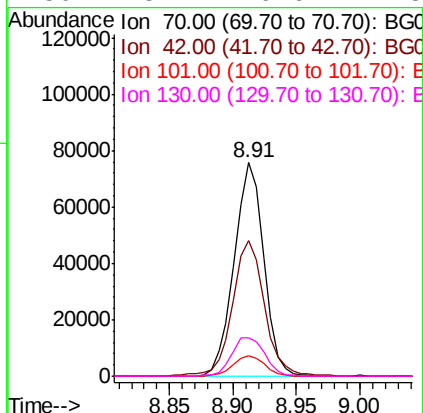
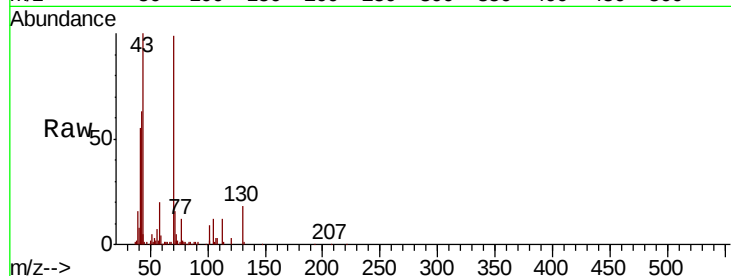




#19
n-Nitroso-di-n-propylamine
Concen: 44.062 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

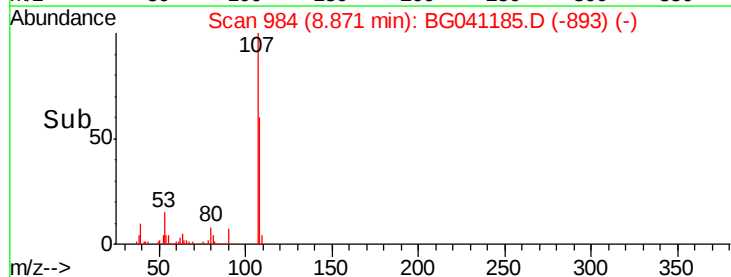
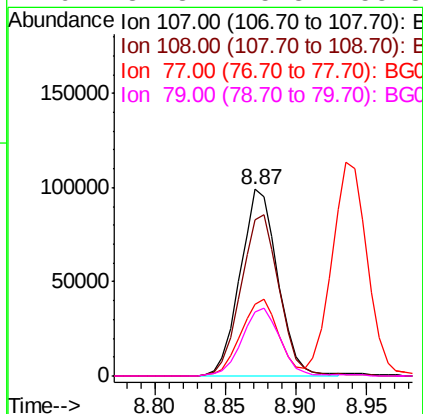
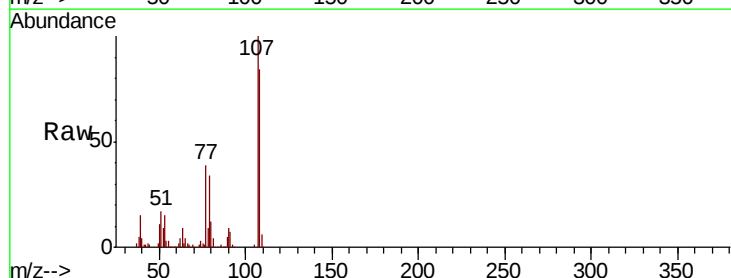
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 122560
Ion Ratio Lower Upper
70 100
42 63.3 51.5 77.3
101 9.4 8.1 12.1
130 18.2 16.6 24.8



#20
3+4-Methylphenols
Concen: 47.550 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion: 107 Resp: 184821
Ion Ratio Lower Upper
107 100
108 83.8 66.8 106.8
77 38.7 20.5 60.5
79 34.3 15.8 55.8

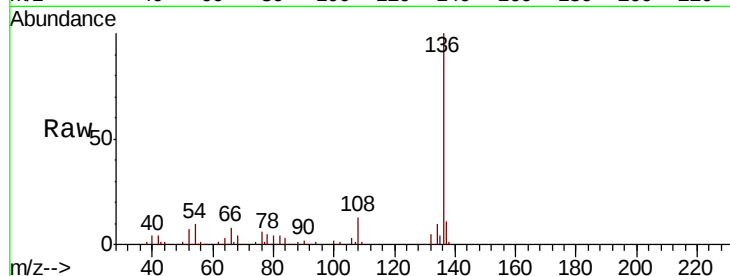




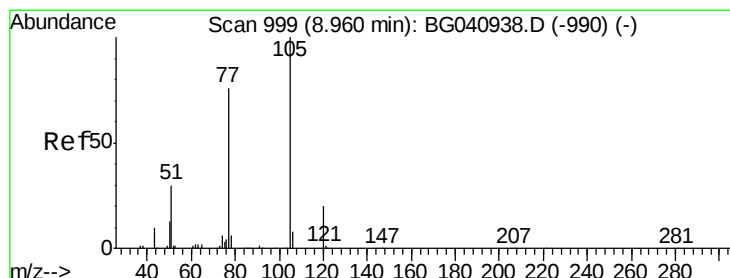
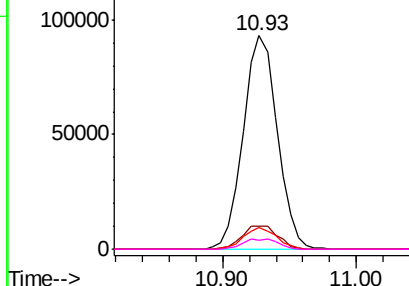
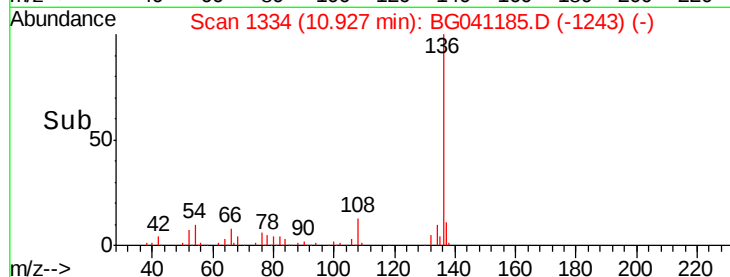
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	164168
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.5 14.3
54	9.9	7.6 11.4
68	4.3	3.9 5.9

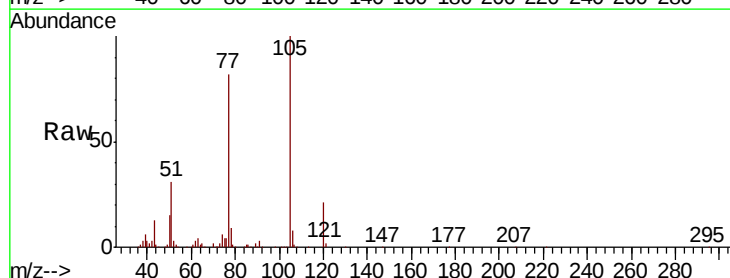


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

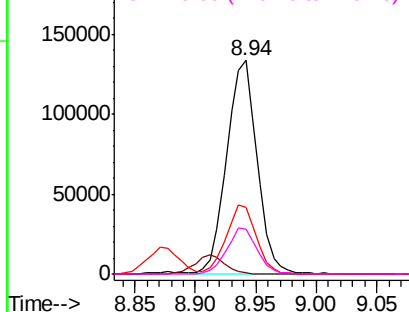
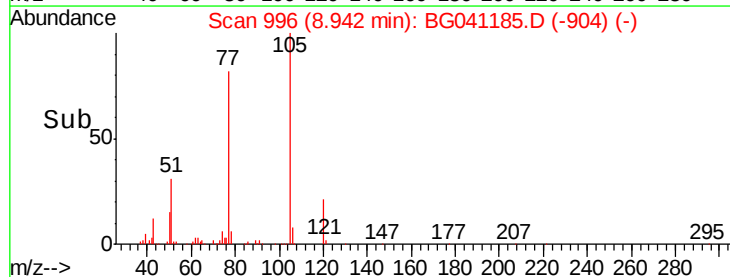


#22
Acetophenone
Concen: 50.661 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion:105	Resp:	233305
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.4 0.6#
51	31.2	27.0 40.6
120	20.7	16.2 24.4



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

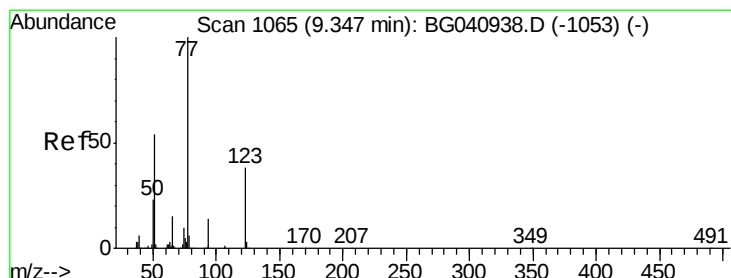
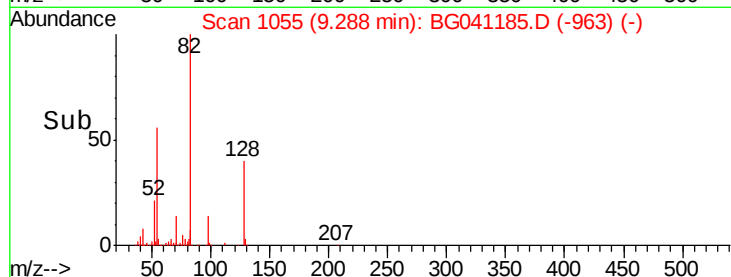
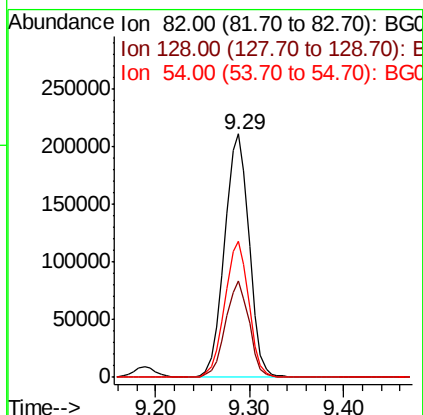
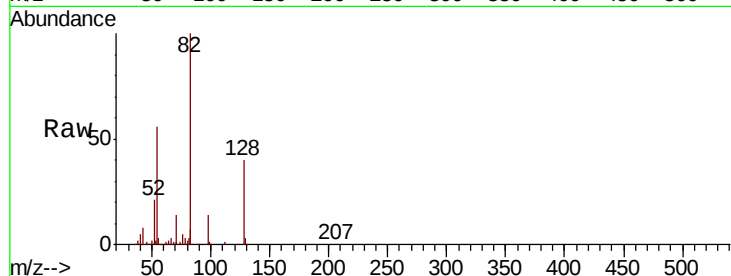




#23
Nitrobenzene-d5
Concen: 103.753 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

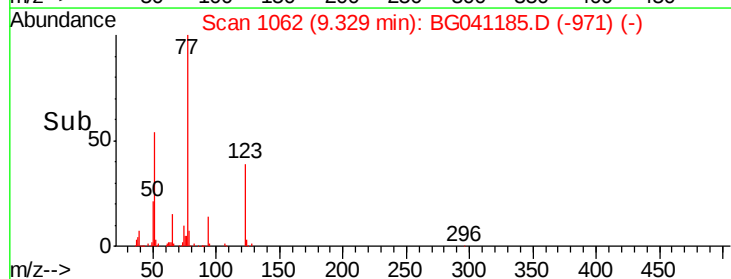
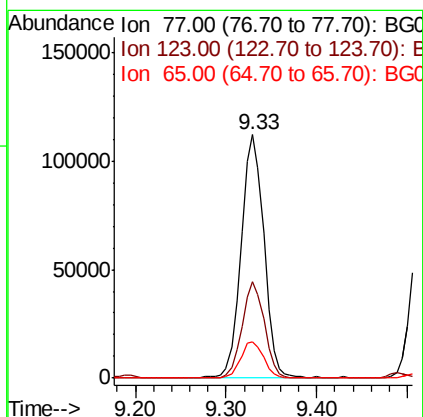
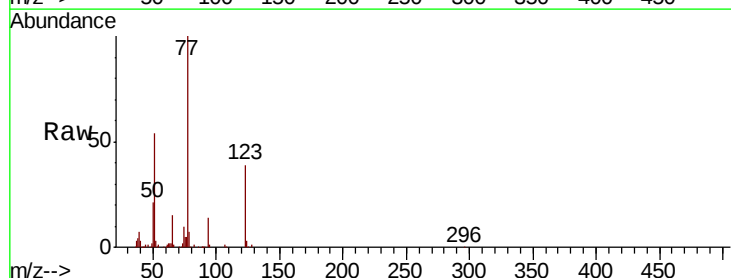
Instrument :
BNA_G
ClientSampled :

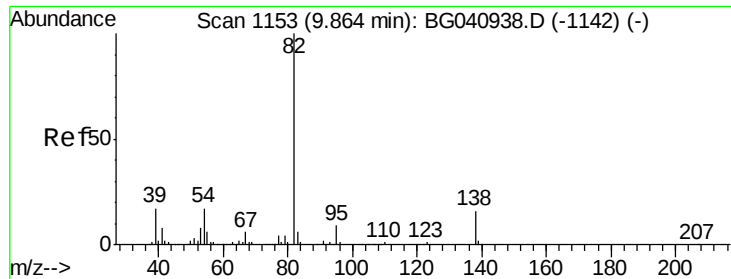
Tot Ion	82	Resp	383680
Ion Ratio	100	Lower	Upper
128	39.5	30.5	45.7
54	56.1	44.6	66.8



#24
Nitrobenzene
Concen: 52.337 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion	77	Resp	197236
Ion Ratio	100	Lower	Upper
123	39.5	30.6	46.0
65	14.7	12.3	18.5

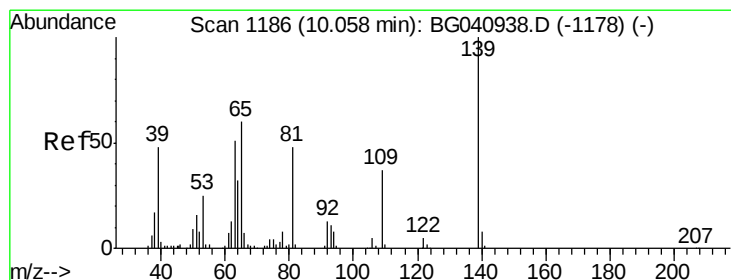
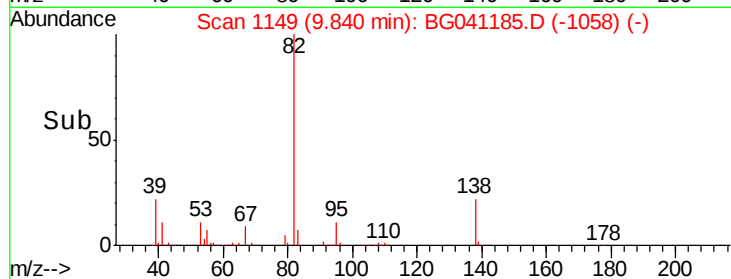
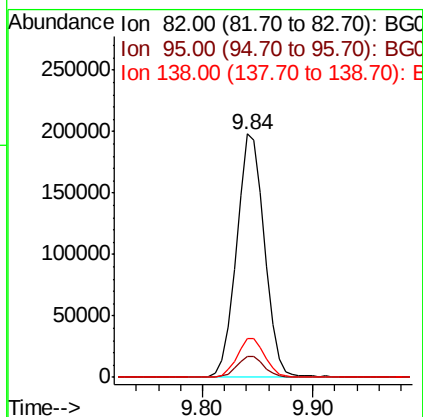
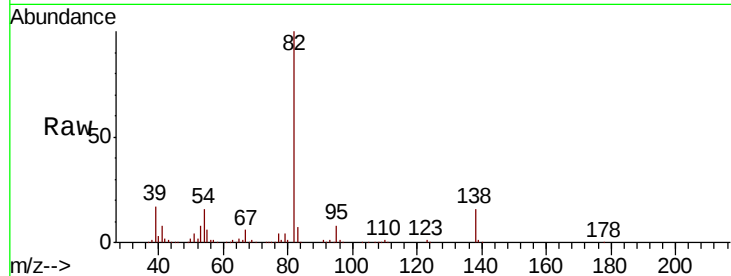




#25
Isophorone
Concen: 49.997 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

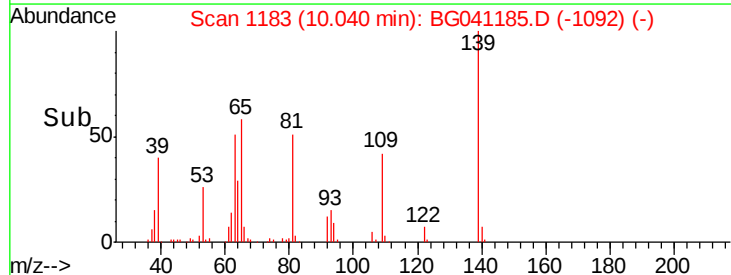
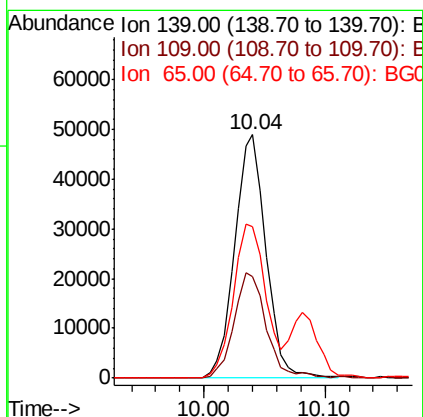
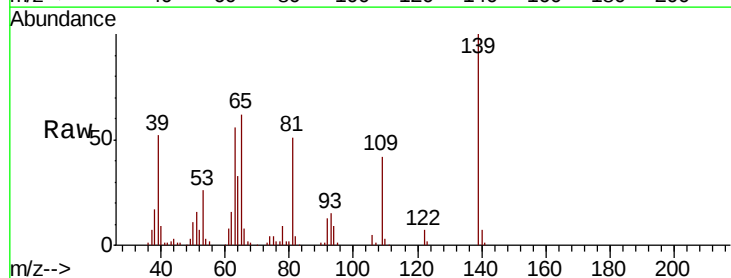
Instrument :
BNA_G
ClientSampled :

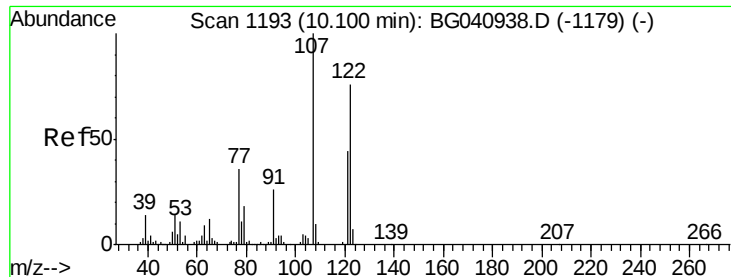
Tot Ion: 82 Resp: 351858
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 15.9 12.6 19.0



#26
2-Nitrophenol
Concen: 56.906 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion: 139 Resp: 88409
Ion Ratio Lower Upper
139 100
109 41.7 29.8 44.6
65 62.2 47.8 71.6

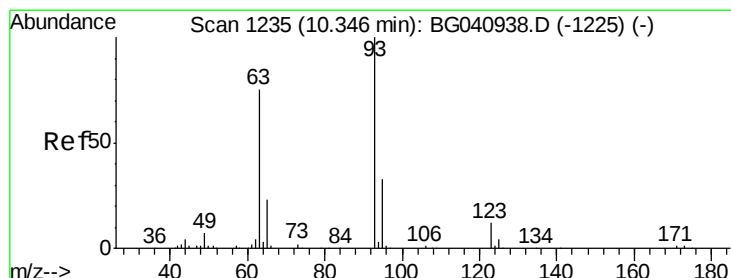
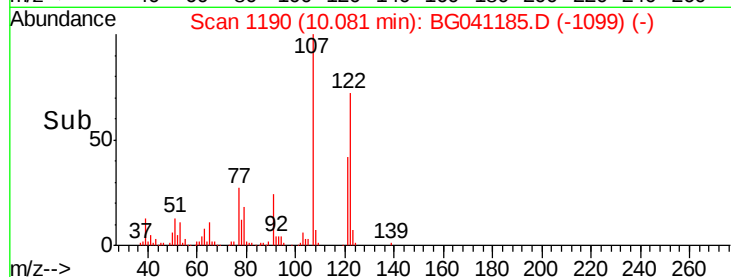
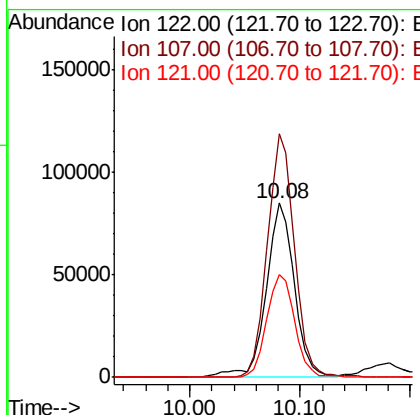
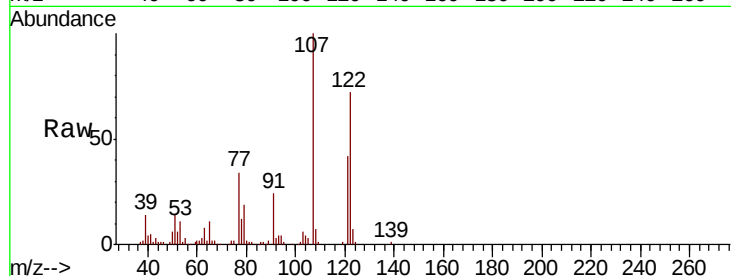




#27
2,4-Dimethylphenol
Concen: 58.986 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

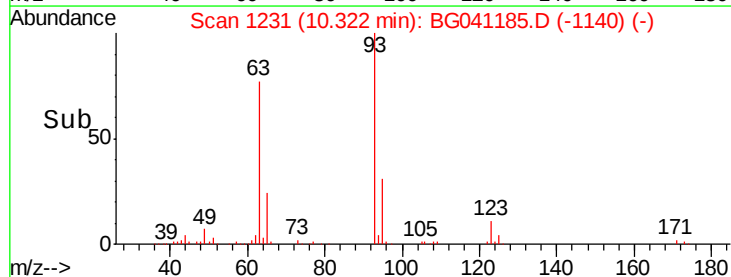
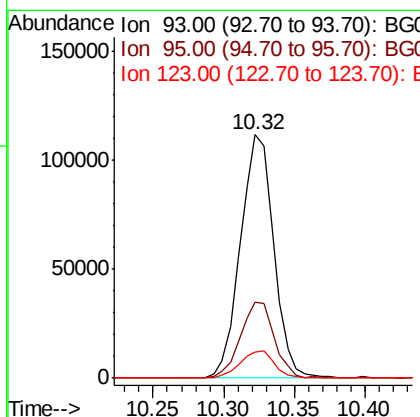
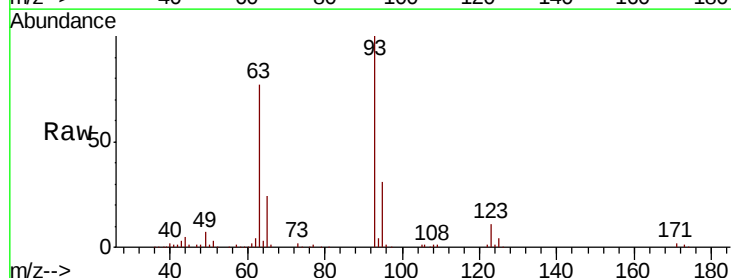
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.9	105.9	158.9
121	58.9	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 48.736 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.2	39.2
123	10.7	9.5	14.3

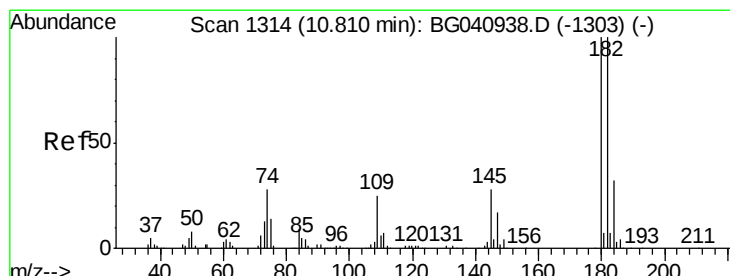
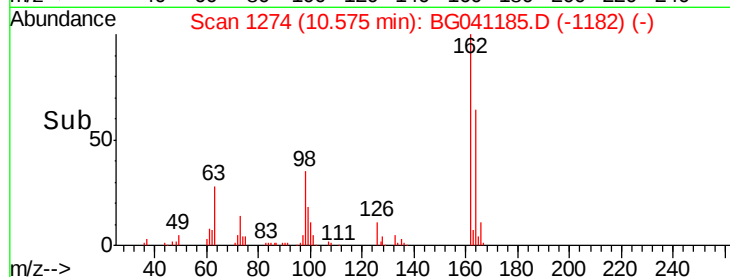
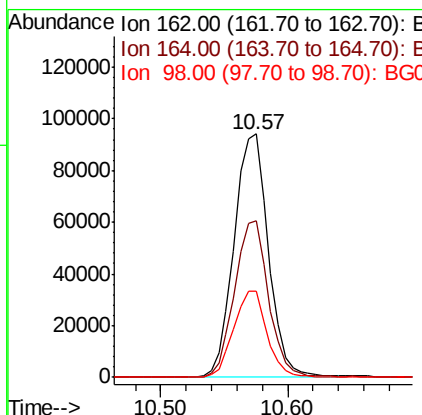
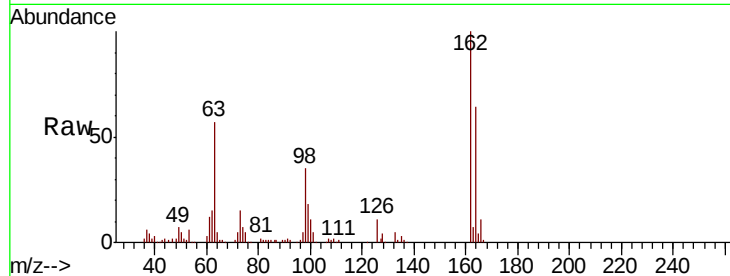




#29
 2,4-Dichlorophenol
 Concen: 54.124 ng
 RT: 10.57 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

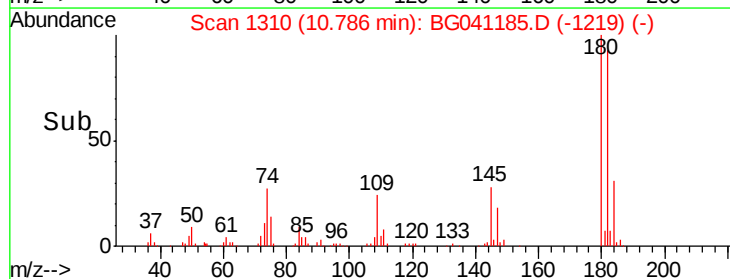
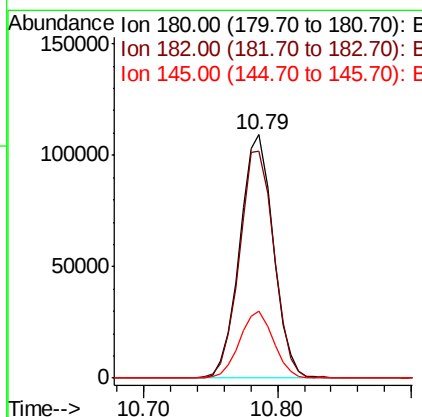
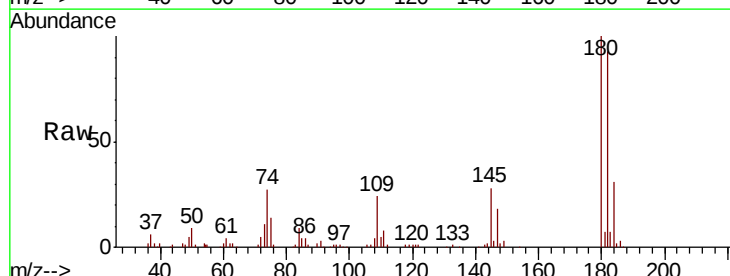
Instrument :
 BNA_G
 ClientSampleId :

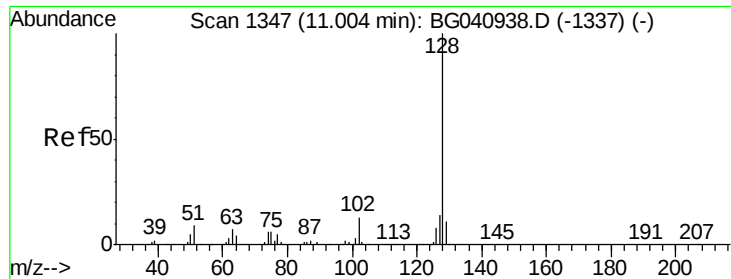
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	39.4	79.4
98	35.5	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 51.081 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	79.7	119.5
145	27.5	22.6	34.0

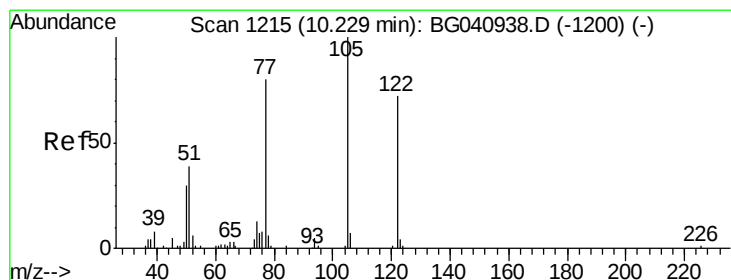
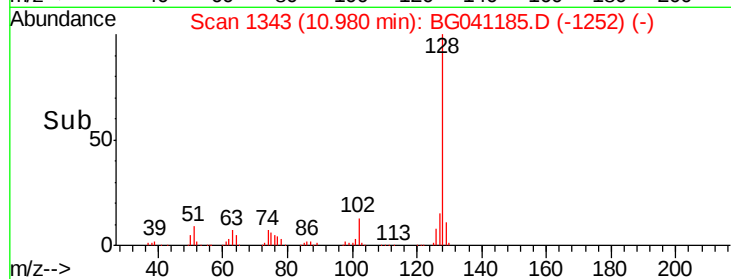
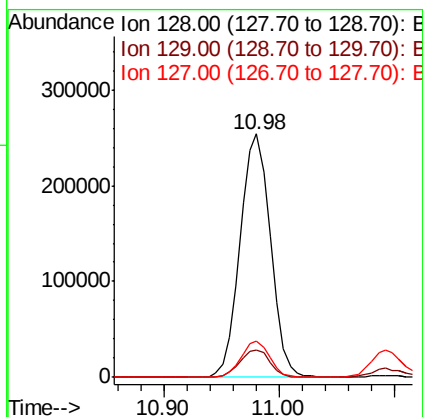
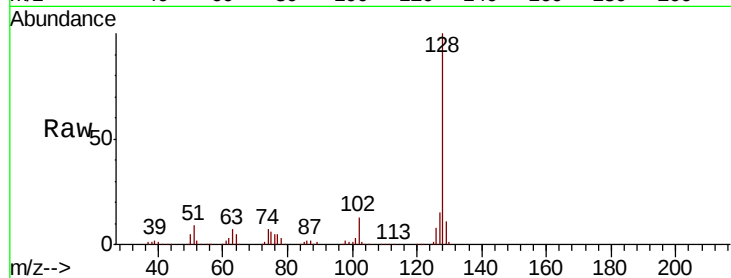




#31
Naphthalene
Concen: 52.691 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

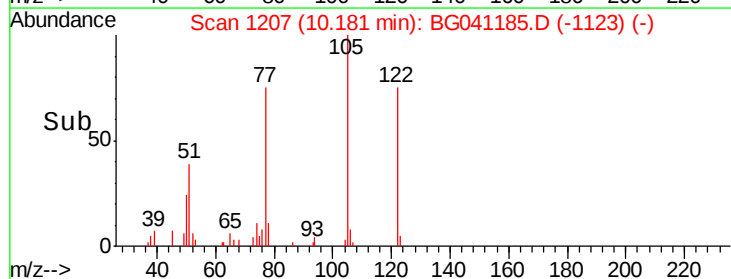
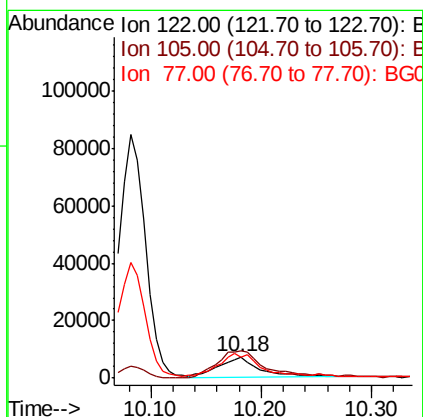
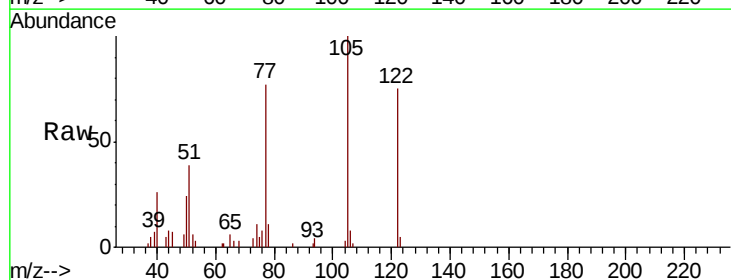
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	14.7	11.4	17.2



#32
Benzoic acid
Concen: 15.297 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.5	114.8	154.8
77	101.9	89.9	129.9

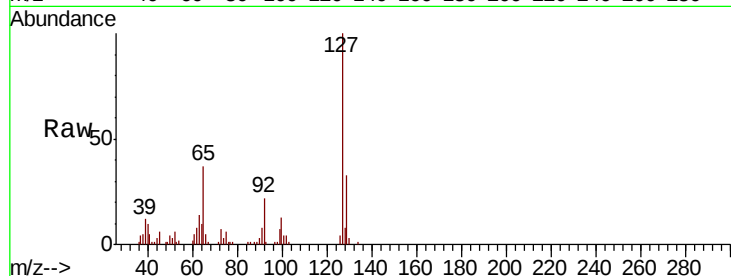




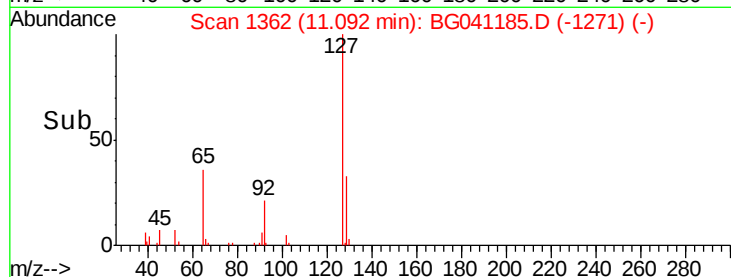
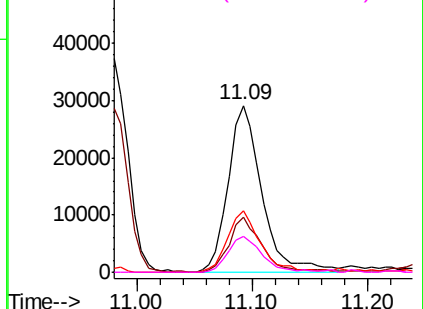
#33
4-Chloroaniline
Concen: 14.429 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	59012
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.7	41.5
65	36.6	33.2	49.8
92	21.7	17.2	25.8

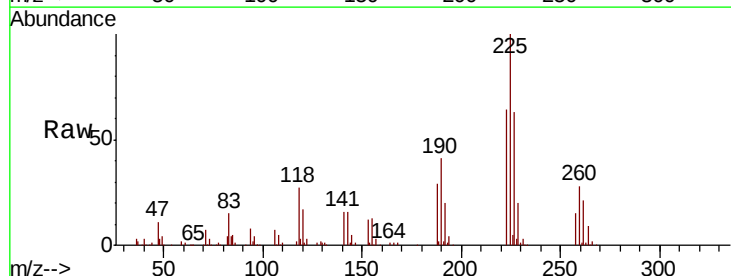


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

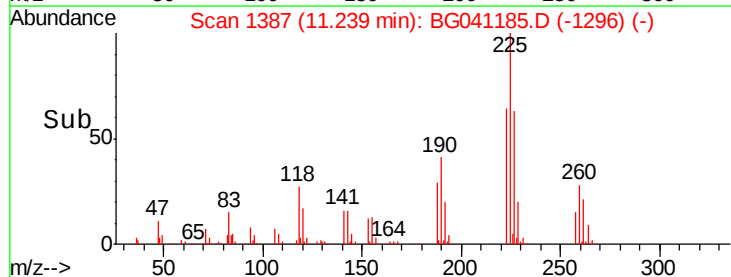
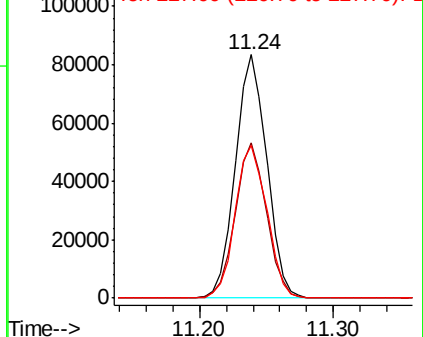


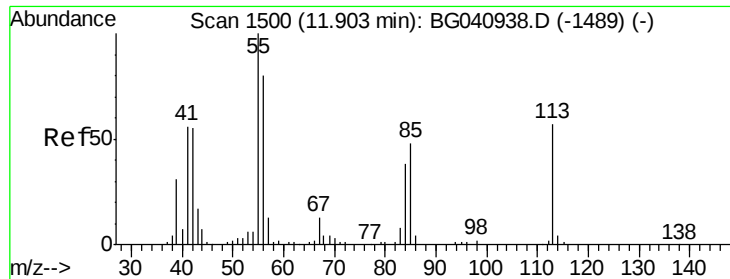
#34
Hexachlorobutadiene
Concen: 47.991 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion:	225	Resp:	136110
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	62.9	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.753 ng

RT: 11.89 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

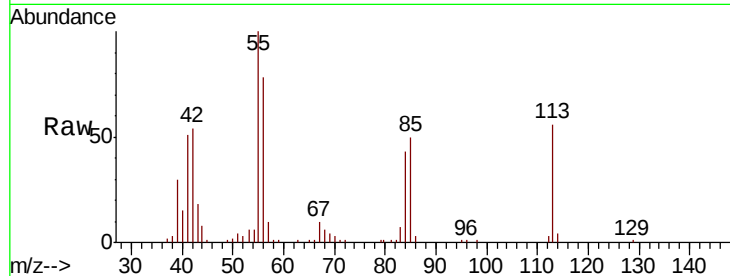
Tot Ion:113 Resp: 40622

Ion Ratio Lower Upper

113 100

55 178.2 155.9 195.9

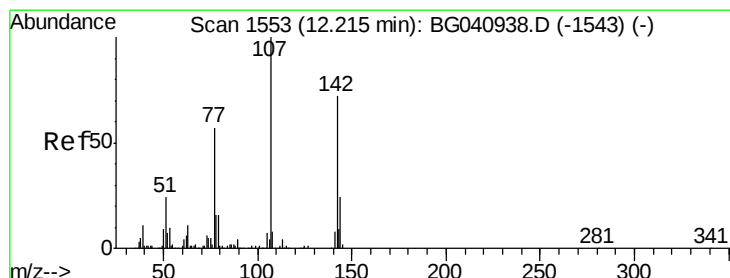
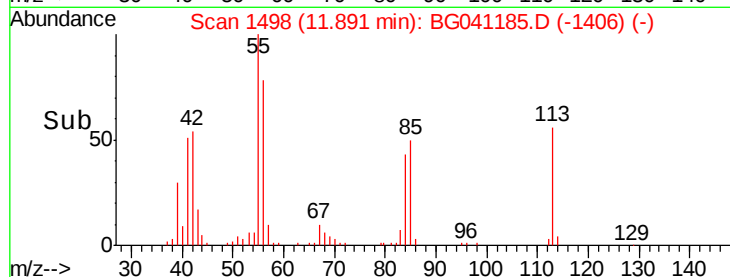
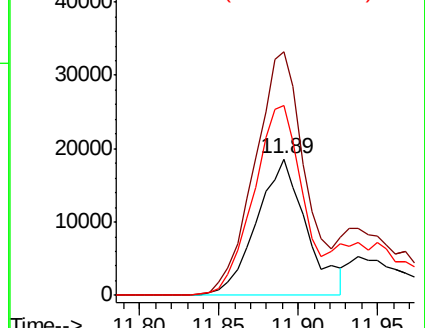
56 138.9 119.9 159.9



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: 54.122 ng

RT: 12.20 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

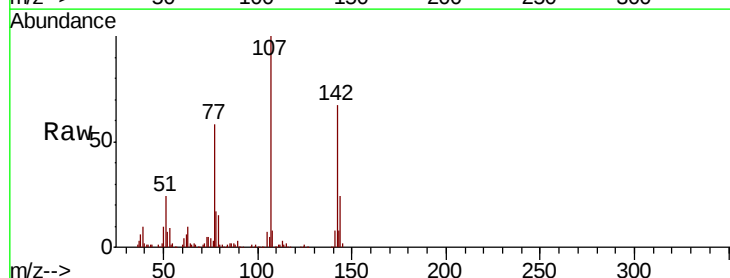
Tgt Ion:107 Resp: 201399

Ion Ratio Lower Upper

107 100

144 23.6 19.4 29.0

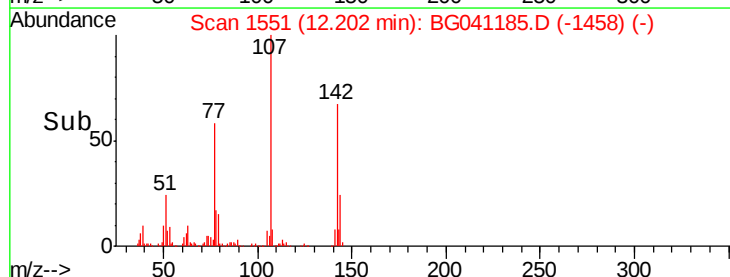
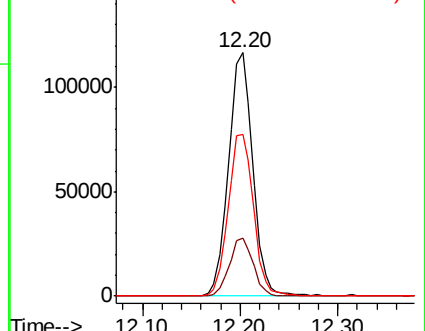
142 66.6 57.3 85.9

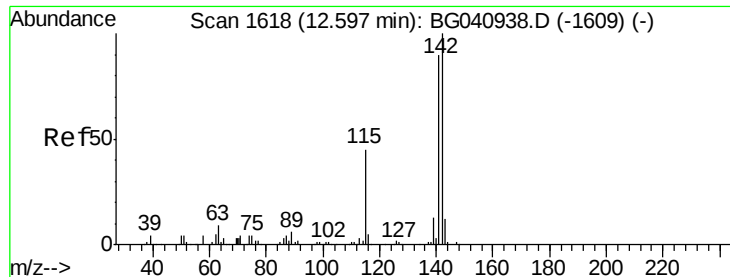


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

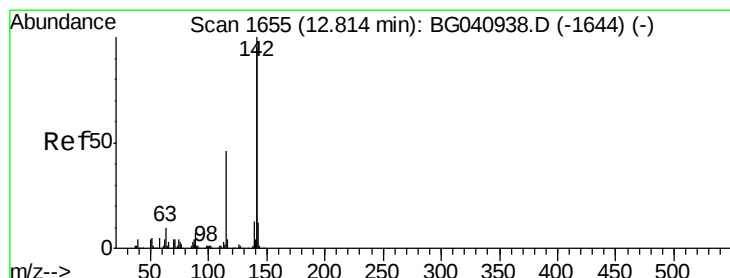
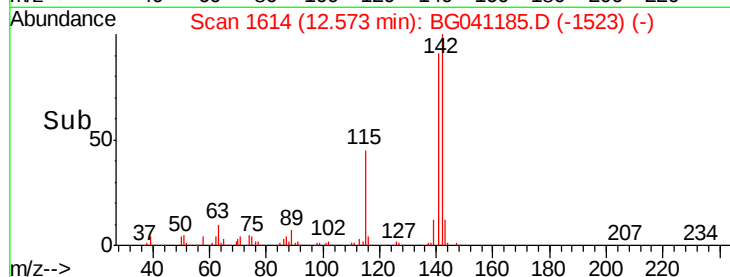
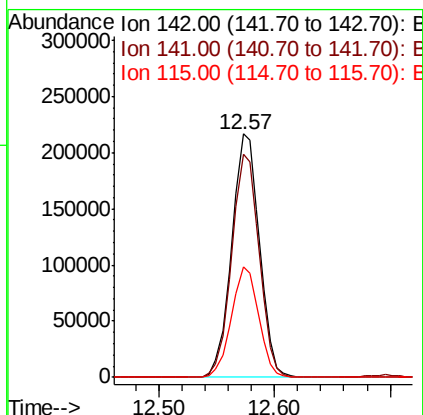
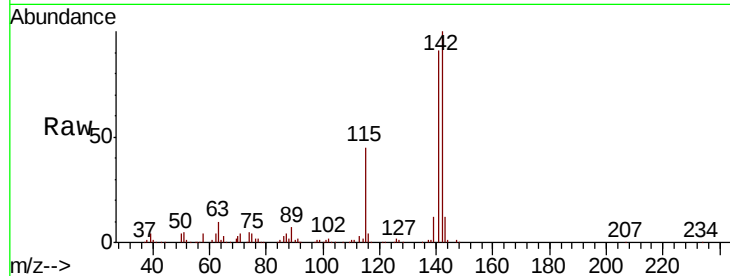




#37
2-Methylnaphthalene
Concen: 53.086 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

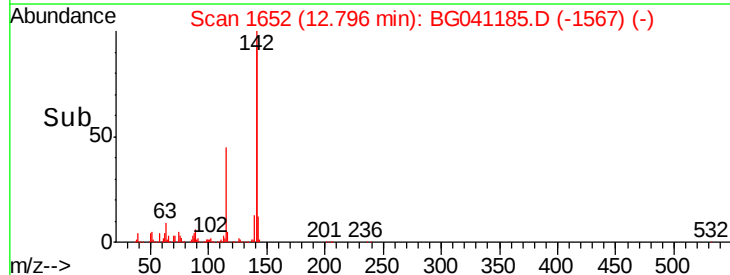
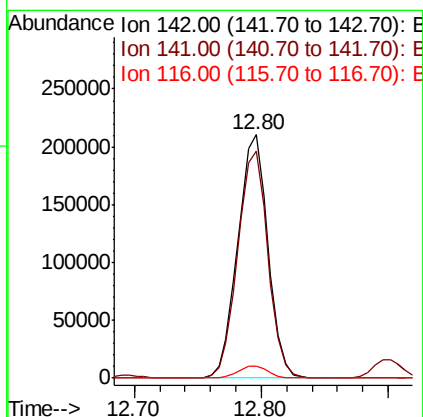
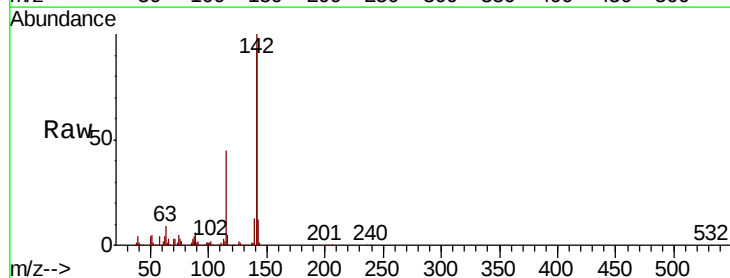
Instrument :
BNA_G
ClientSampled :

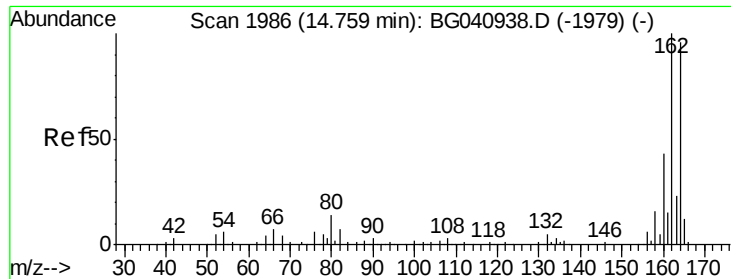
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.2	108.4
115	45.2	36.2	54.4



#38
1-Methylnaphthalene
Concen: 54.147 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.7	113.5
116	4.9	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

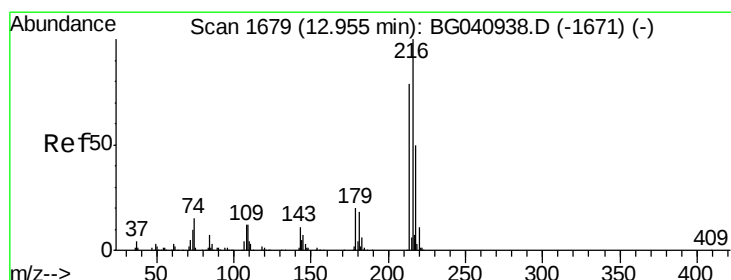
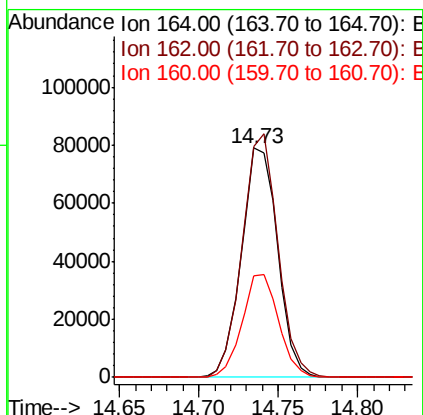
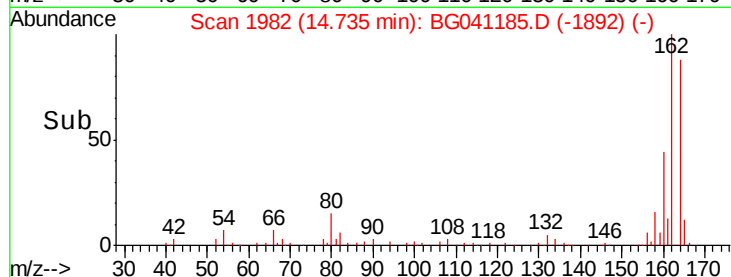
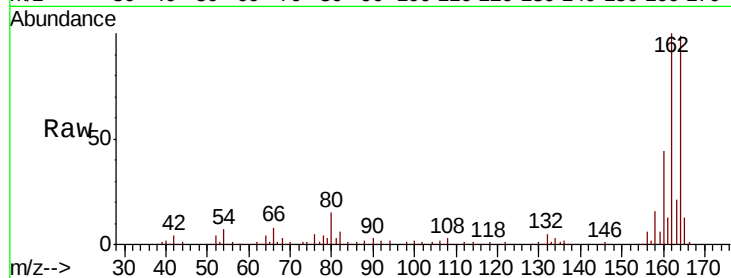
Tot Ion:164 Resp: 125382

Ion Ratio Lower Upper

164 100

162 100.8 83.0 124.4

160 44.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.142 ng

RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Tgt Ion:216 Resp: 268557

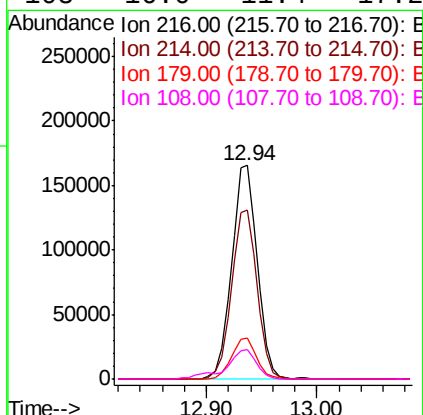
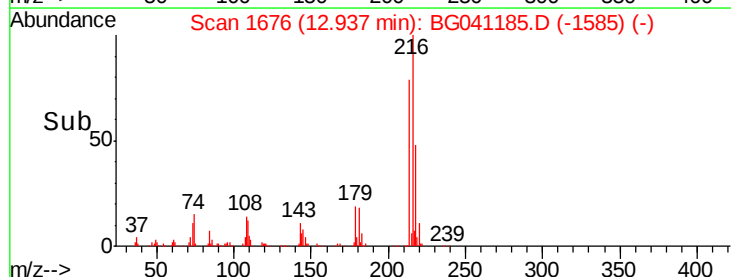
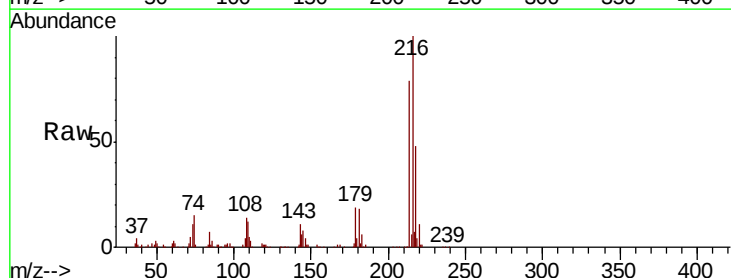
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 18.9 15.2 22.8

108 16.0 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 95.376 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

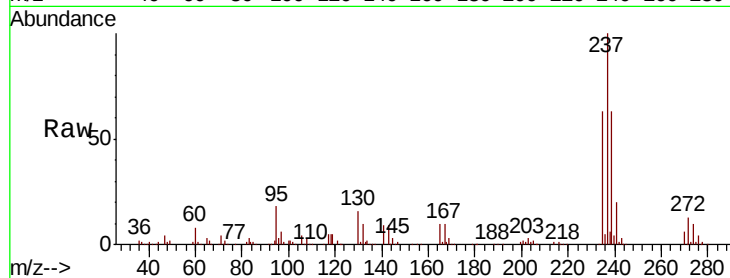
Tot Ion:237 Resp: 263885

Ion Ratio Lower Upper

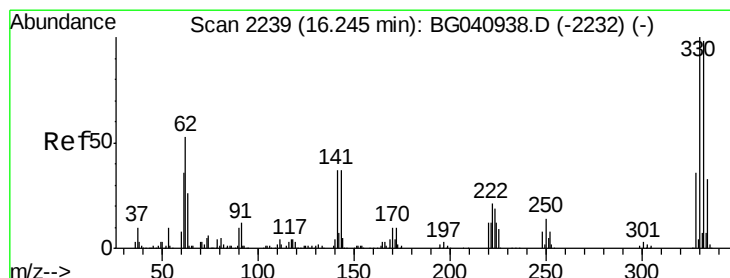
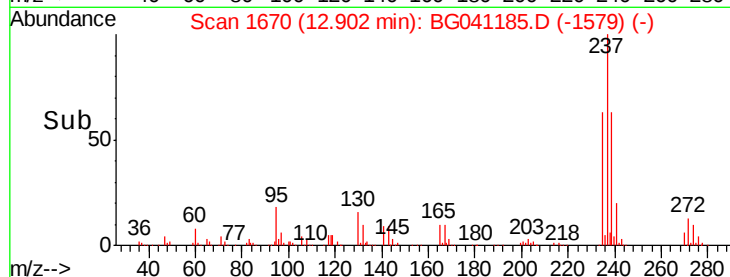
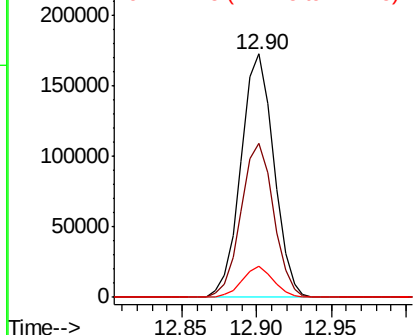
237 100

235 63.5 45.5 85.5

272 12.8 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 168.581 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

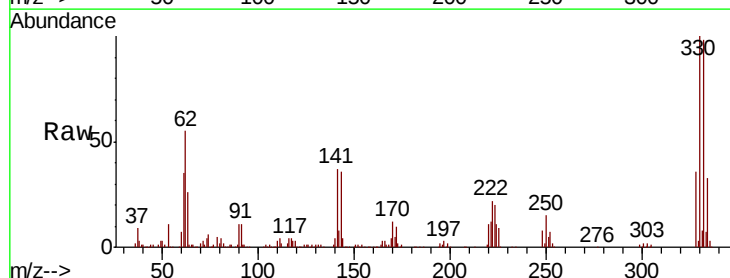
Tgt Ion:330 Resp: 313794

Ion Ratio Lower Upper

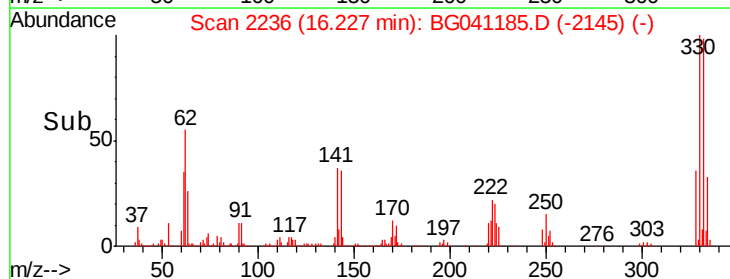
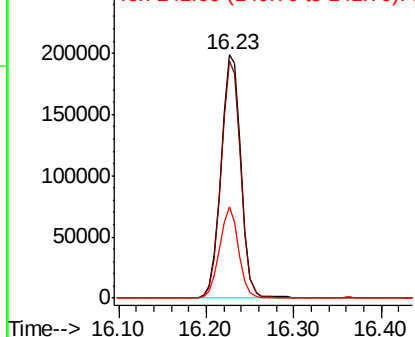
330 100

332 95.9 78.5 117.7

141 35.9 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

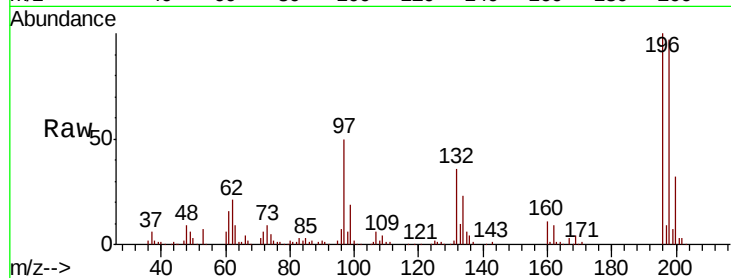




#43
 2,4,6-Trichlorophenol
 Concen: 53.494 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	174883
Ion Ratio	Lower	Upper	
196	100		
198	97.3	73.8	110.6
200	31.7	24.1	36.1

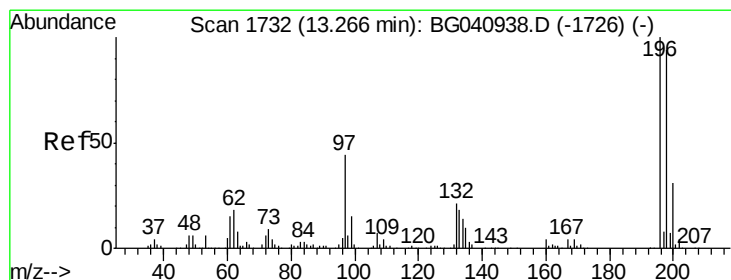
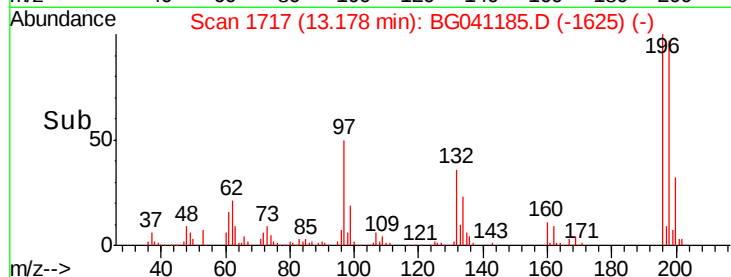
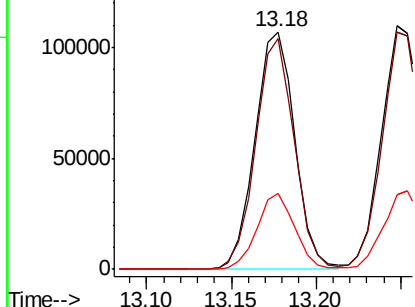


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 53.525 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

Tgt Ion	196	Resp	184545
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.1	112.7
97	45.8	35.6	53.4
132	23.3	16.7	25.1

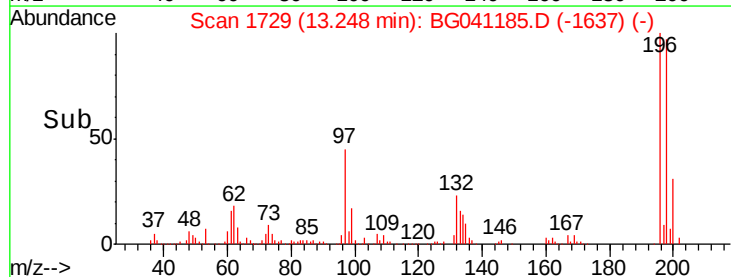
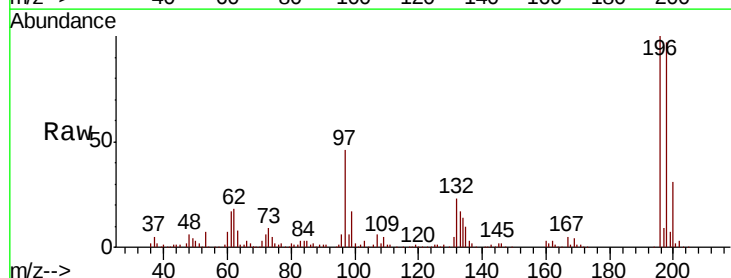
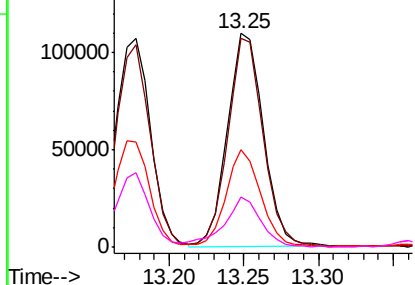
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

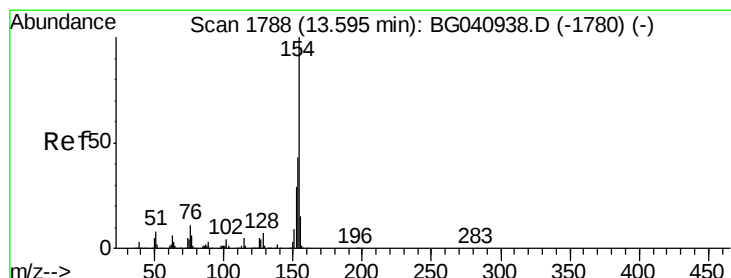
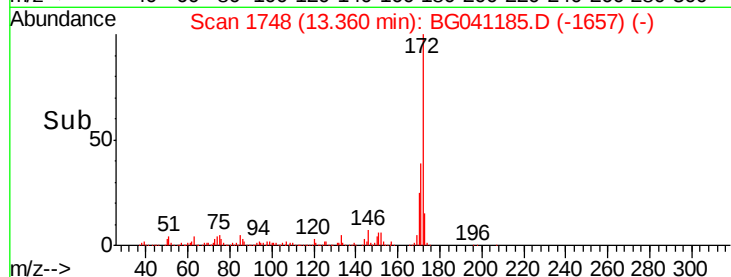
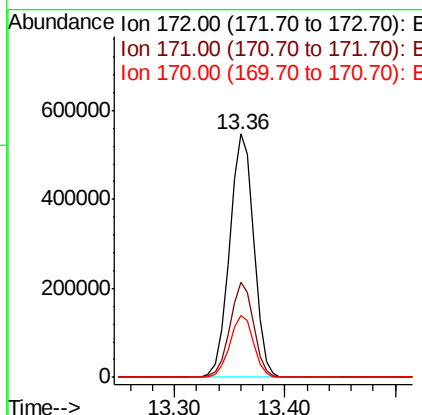
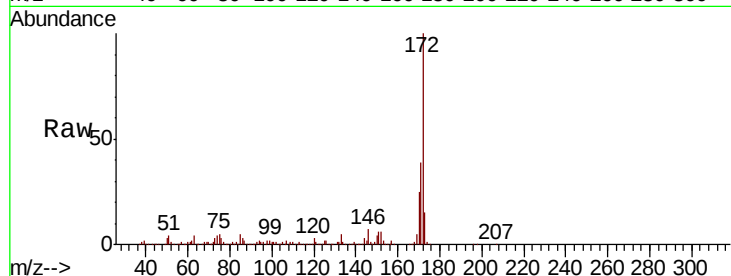




#45
2-Fluorobiphenyl
Concen: 96.717 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

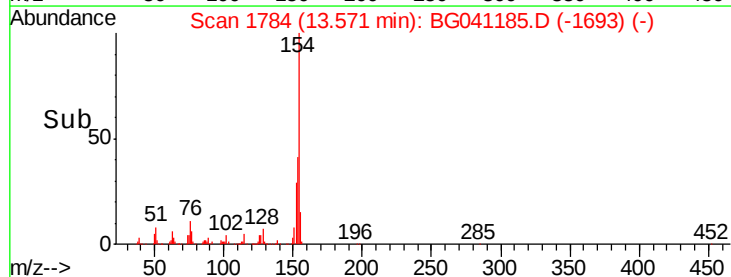
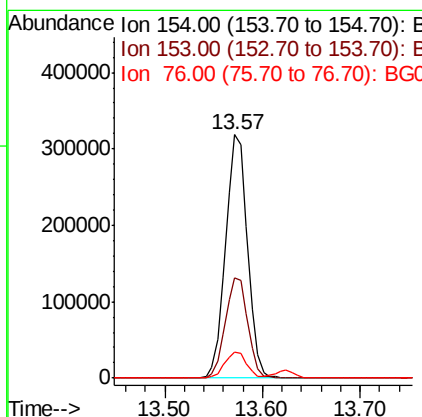
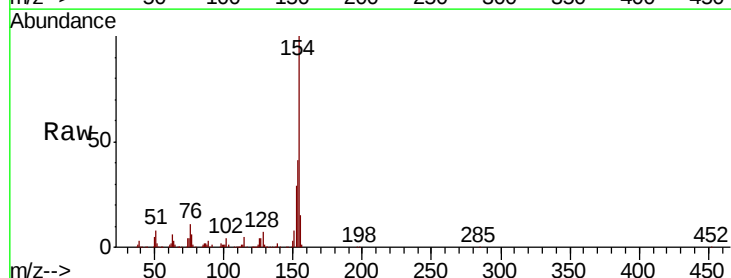
Instrument :
BNA_G
ClientSampleId :

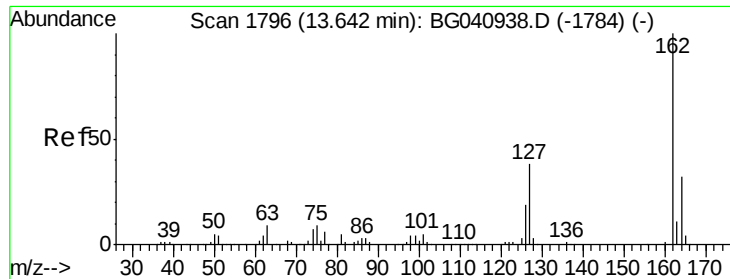
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.1	46.7
170	25.5	20.5	30.7



#46
1,1'-Biphenyl
Concen: 53.234 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	23.3	63.3
76	10.6	0.0	31.1





#47

2-Chloronaphthalene

Concen: 51.233 ng

RT: 13.62 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

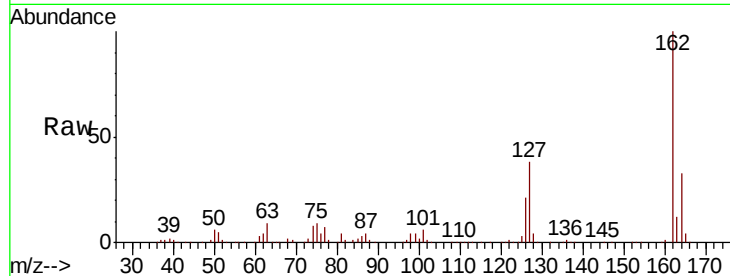
Tot Ion:162 Resp: 408206

Ion Ratio Lower Upper

162 100

127 38.1 30.5 45.7

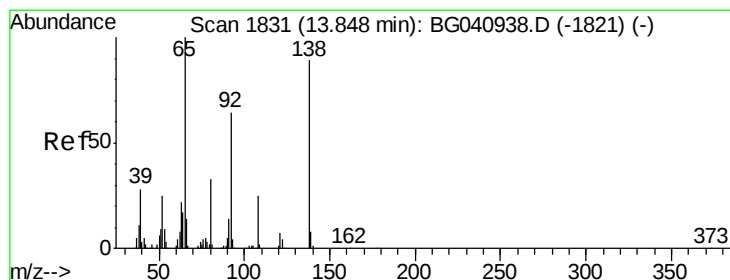
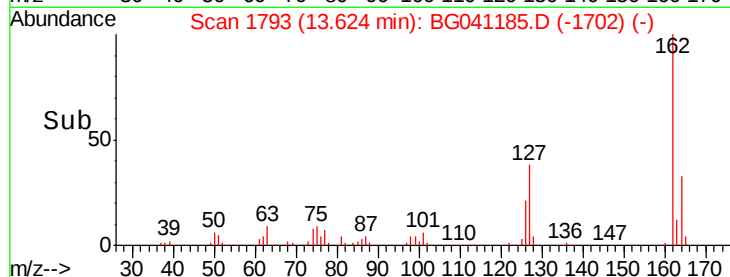
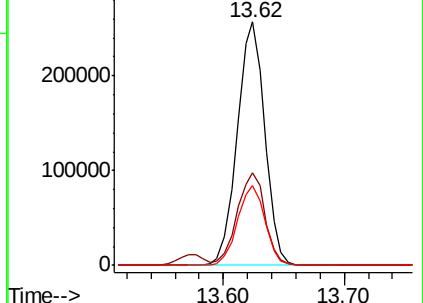
164 32.7 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 50.911 ng

RT: 13.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

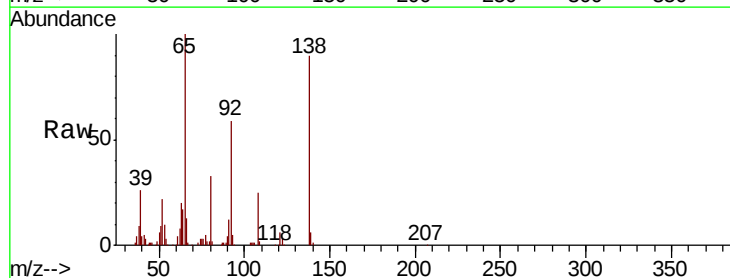
Tgt Ion: 65 Resp: 145521

Ion Ratio Lower Upper

65 100

92 59.4 51.0 76.6

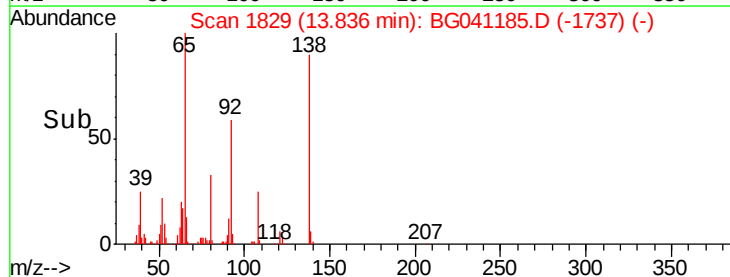
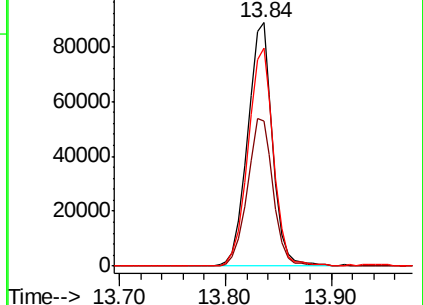
138 89.8 71.2 106.8

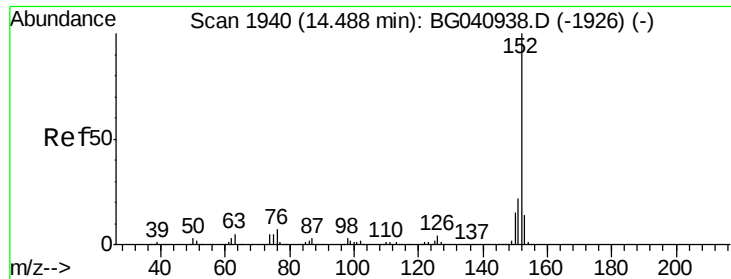


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.112 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampled :

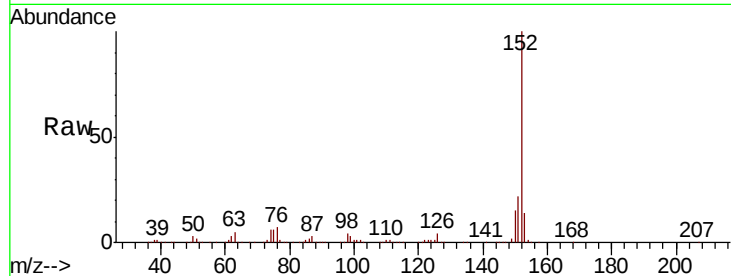
Tot Ion:152 Resp: 636904

Ion Ratio Lower Upper

152 100

151 21.9 17.4 26.0

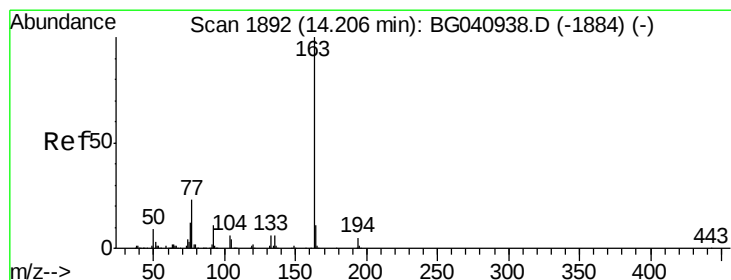
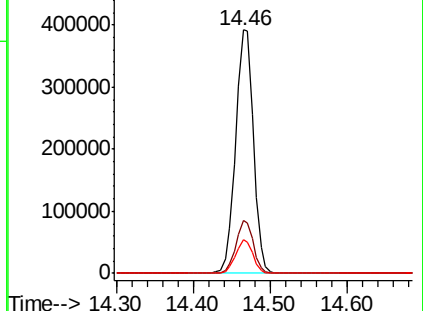
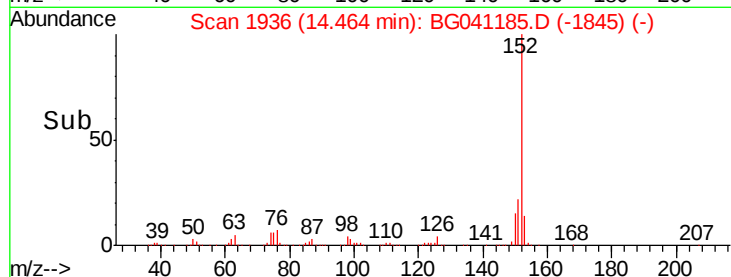
153 13.9 11.0 16.4



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: 57.294 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

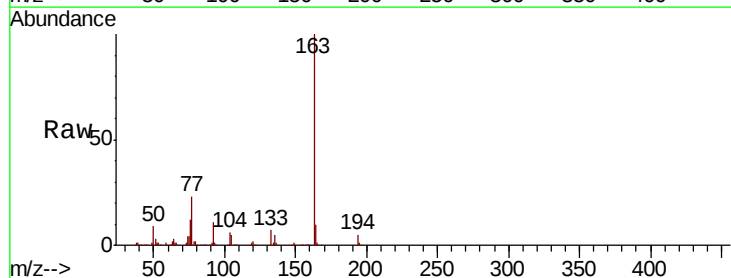
Tgt Ion:163 Resp: 608100

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

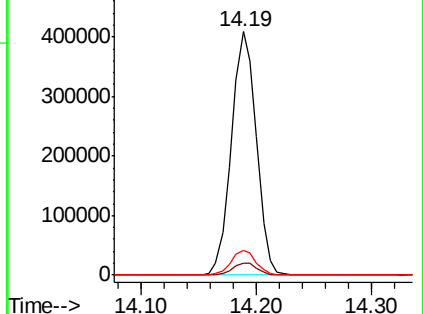
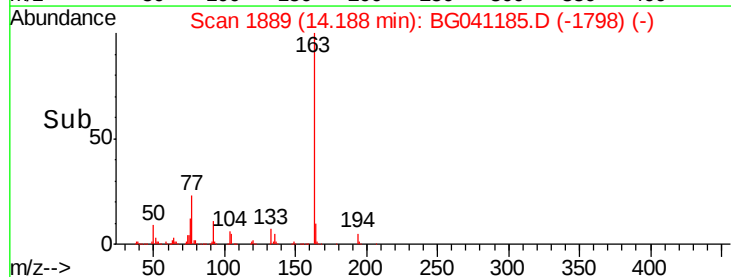
164 10.3 8.7 13.1



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

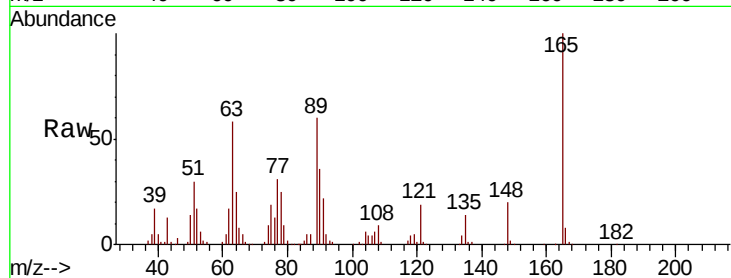




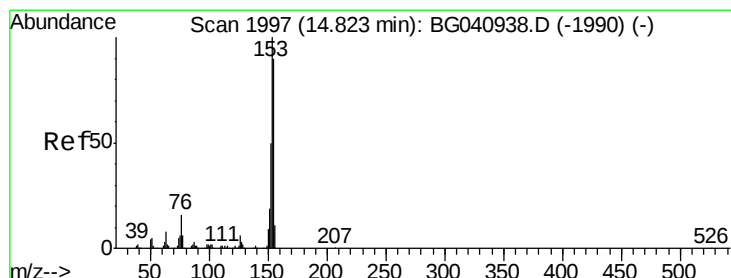
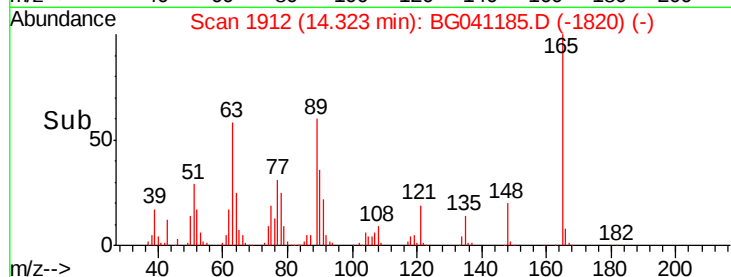
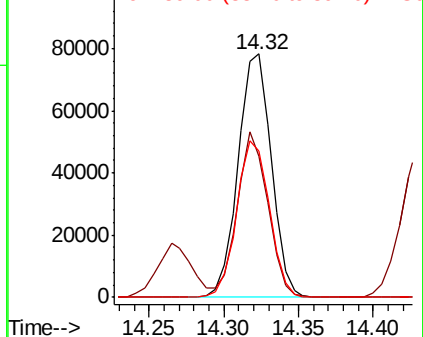
#51
 2,6-Dinitrotoluene
 Concen: 52.838 ng
 RT: 14.32 min Scan# 1912
 Delta R.T. 0.01 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 120914
 Ion Ratio Lower Upper
 165 100
 63 57.9 53.6 80.4
 89 59.9 50.4 75.6

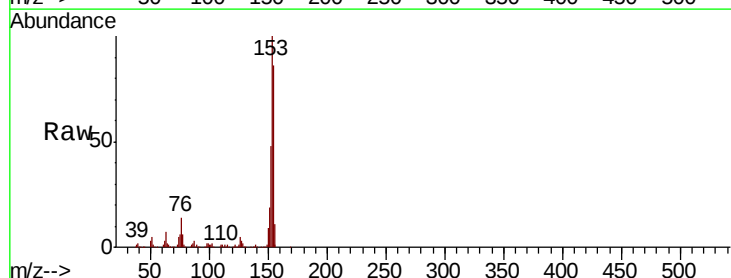


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

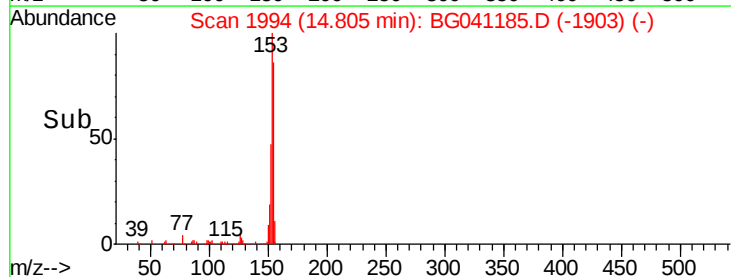
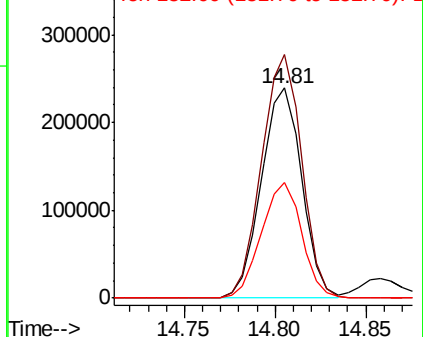


#52
 Acenaphthene
 Concen: 51.144 ng
 RT: 14.81 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

Tgt Ion:154 Resp: 371534
 Ion Ratio Lower Upper
 154 100
 153 115.9 88.6 133.0
 152 55.1 44.2 66.4



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





#53

3-Nitroaniline

Concen: 29.454 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

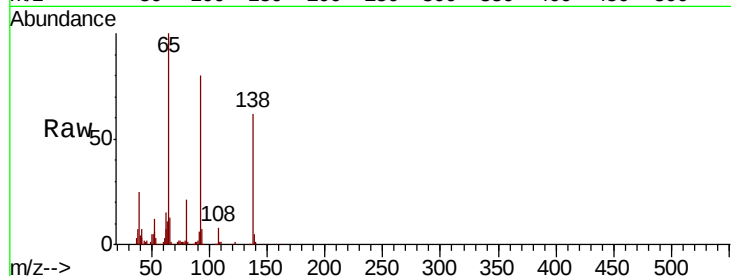
Tot Ion:138 Resp: 67401

Ion Ratio Lower Upper

138 100

108 13.3 8.5 12.7#

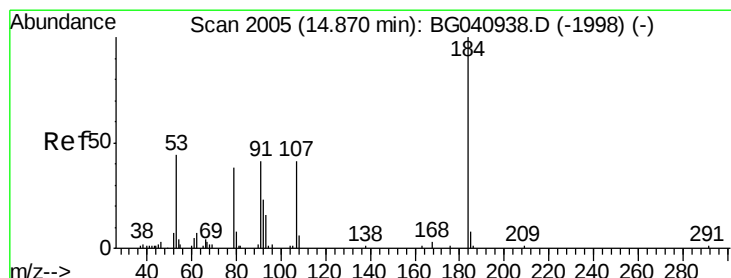
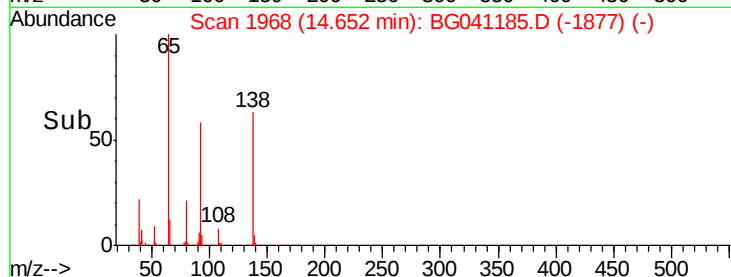
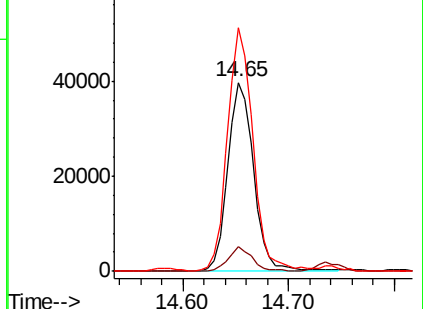
92 128.9 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 59.782 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

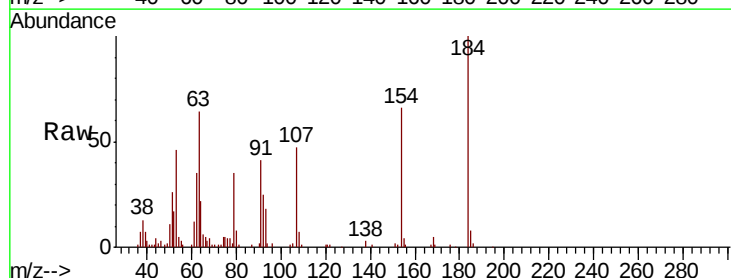
Tgt Ion:184 Resp: 62835

Ion Ratio Lower Upper

184 100

63 64.4 49.8 74.6

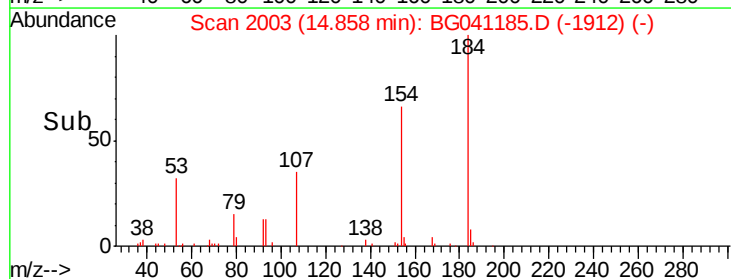
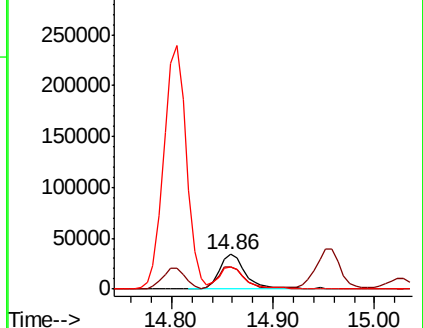
154 65.6 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 53.213 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

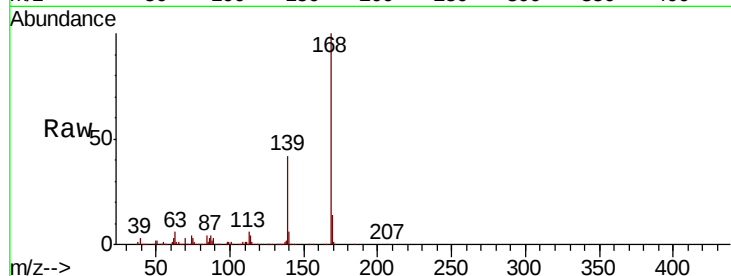
Tot Ion:168 Resp: 650462

Ion Ratio Lower Upper

168 100

139 41.8 32.8 49.2

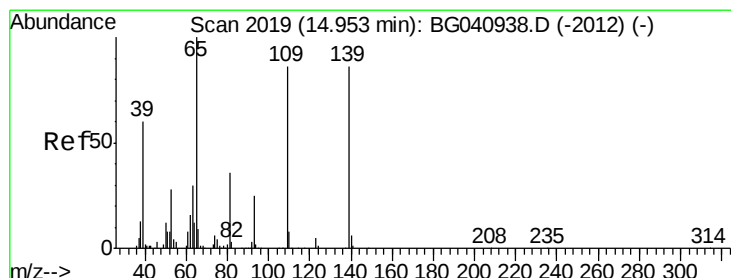
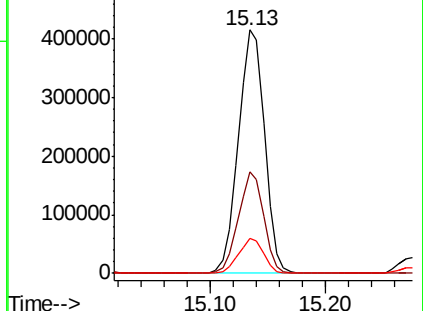
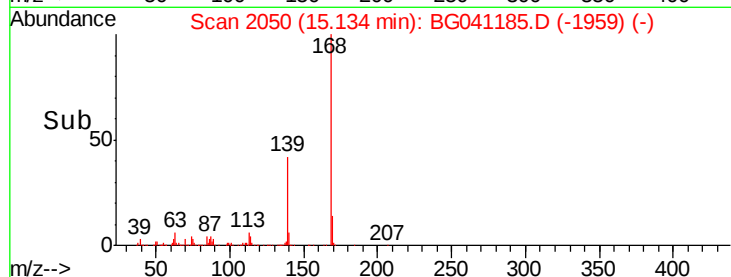
169 14.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 108.455 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.02 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

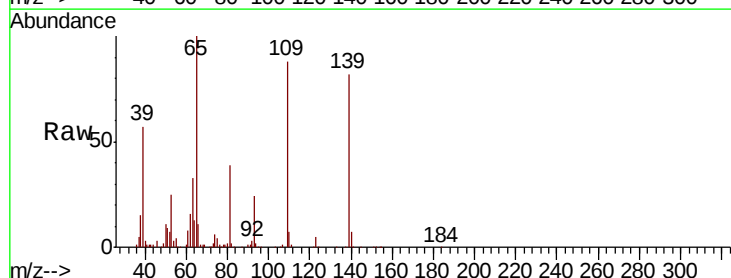
Tgt Ion:139 Resp: 170229

Ion Ratio Lower Upper

139 100

109 107.2 79.6 119.6

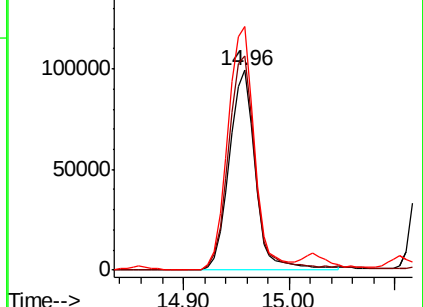
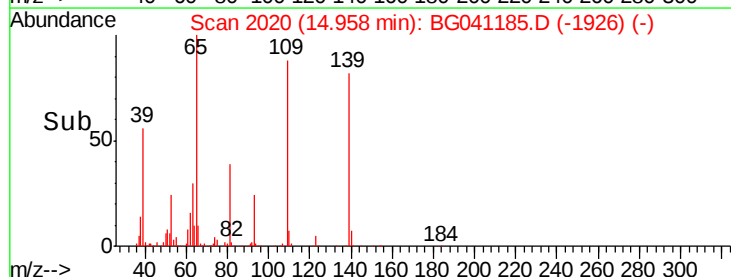
65 122.0 96.9 136.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

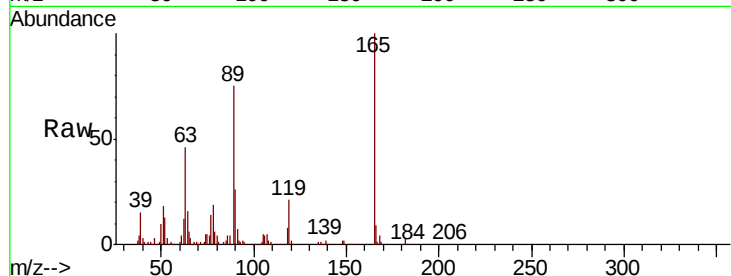




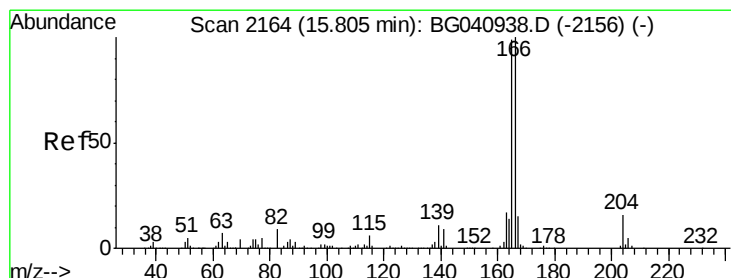
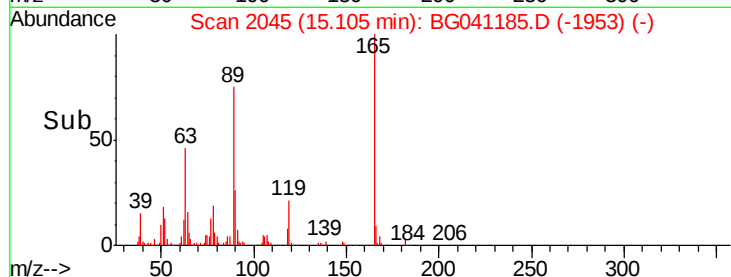
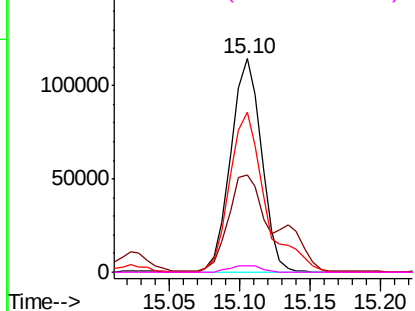
#57
2,4-Dinitrotoluene
Concen: 53.983 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 174503
Ion Ratio Lower Upper
165 100
63 45.6 37.3 55.9
89 75.0 61.0 91.6
182 3.0 2.2 3.2

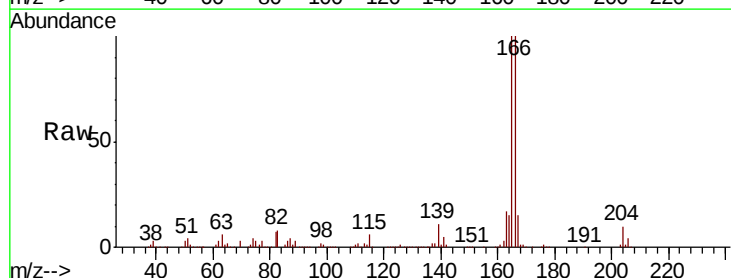


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

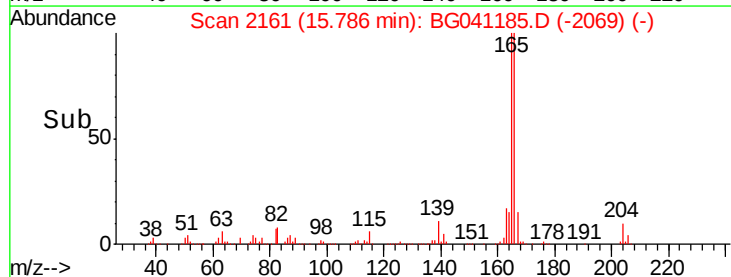
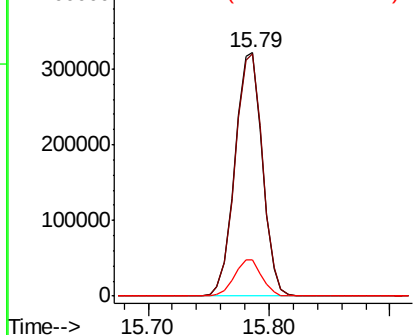


#58
Fluorene
Concen: 52.116 ng
RT: 15.79 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion:166 Resp: 507337
Ion Ratio Lower Upper
166 100
165 99.6 79.2 118.8
167 15.0 11.8 17.6



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

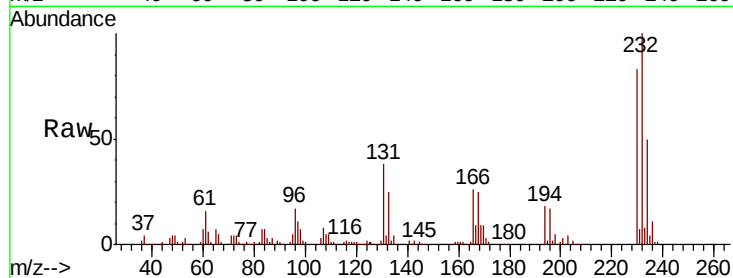




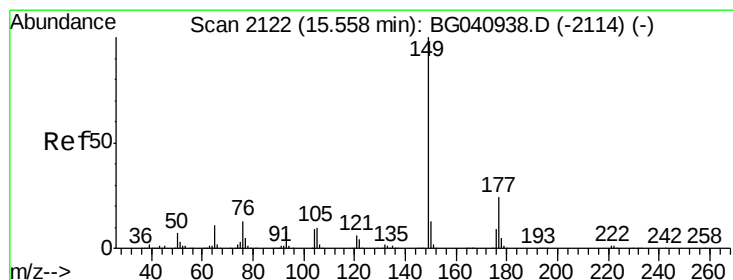
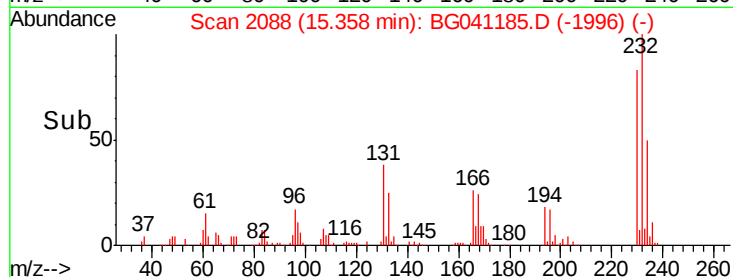
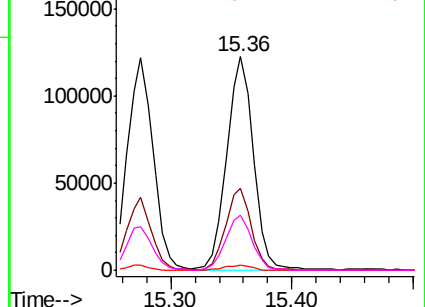
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.281 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	187311
Ion	Ratio	Lower	Upper
232	100		
131	36.5	30.3	45.5
130	2.3	1.8	2.8
166	25.1	21.3	31.9

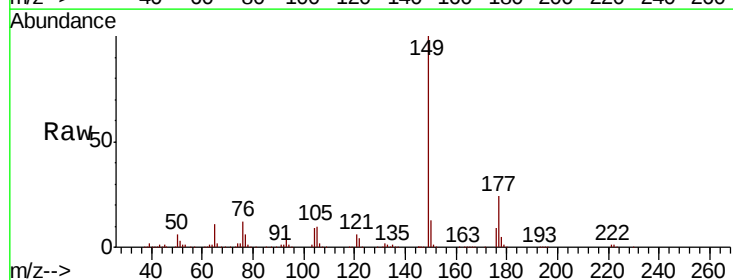


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

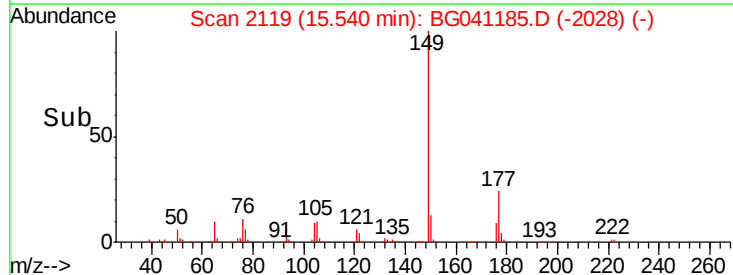
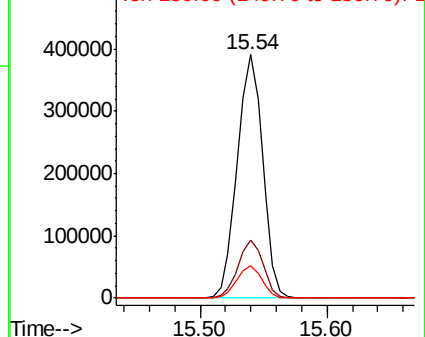


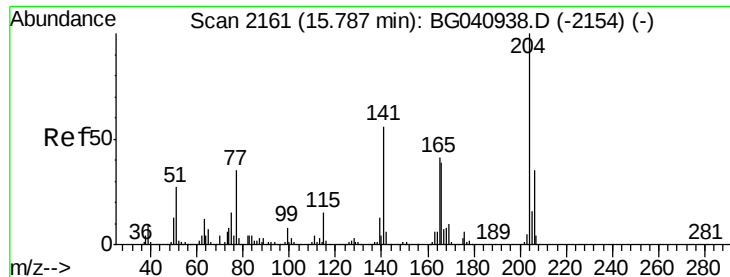
#60
 Diethylphthalate
 Concen: 49.899 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

Tgt Ion:	149	Resp:	540477
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.4	29.0
150	13.2	10.3	15.5



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

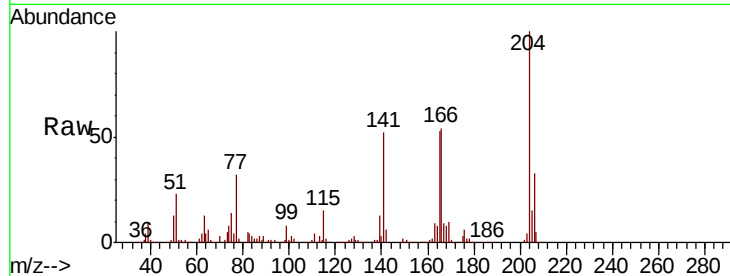




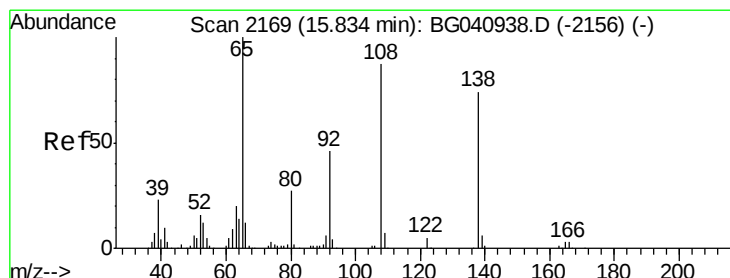
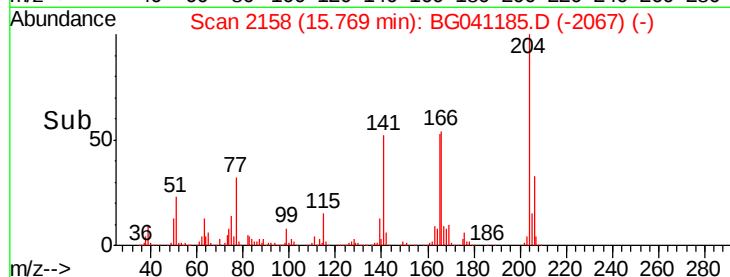
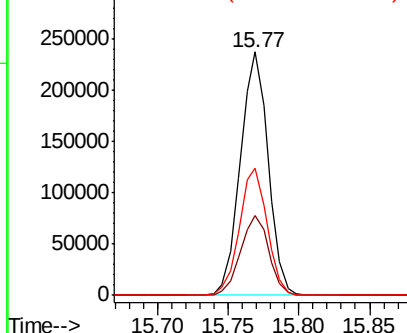
#61
4-Chlorophenyl-phenylether
Concen: 51.526 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 326027
Ion Ratio Lower Upper
204 100
206 32.7 27.6 41.4
141 52.3 45.1 67.7

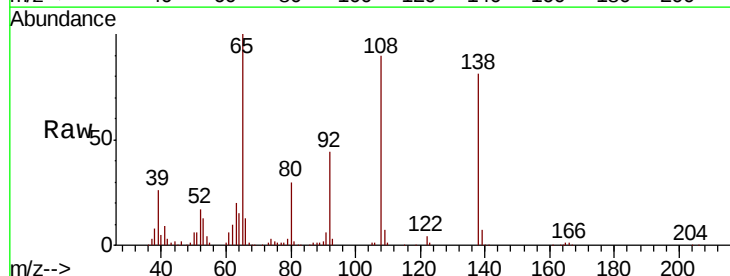


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

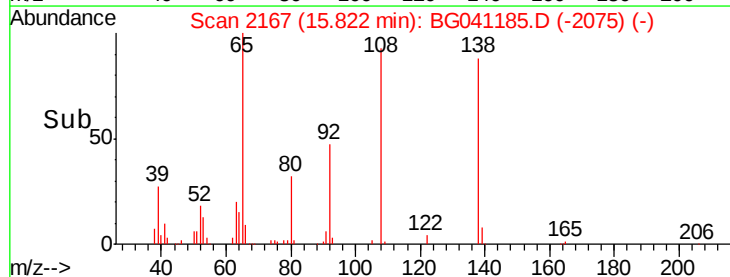
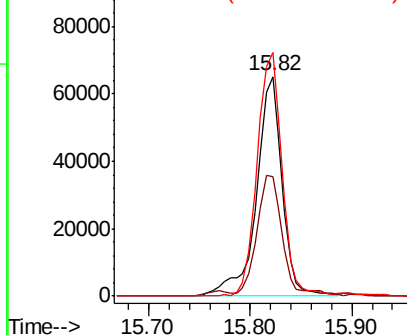


#62
4-Nitroaniline
Concen: 47.476 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion:138 Resp: 115014
Ion Ratio Lower Upper
138 100
92 54.4 42.4 82.4
108 111.0 96.9 136.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 50.204 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 494243

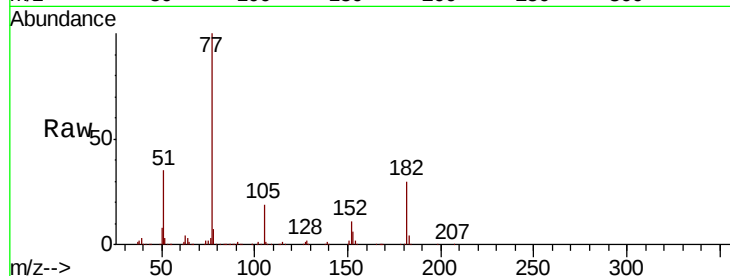
Ion Ratio Lower Upper

77 100

182 29.9 9.6 49.6

105 19.4 0.0 37.5

51 35.0 13.7 53.7

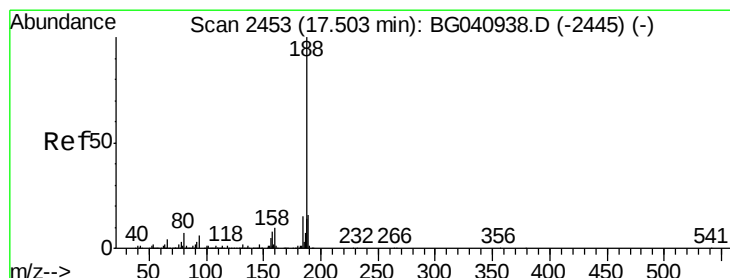
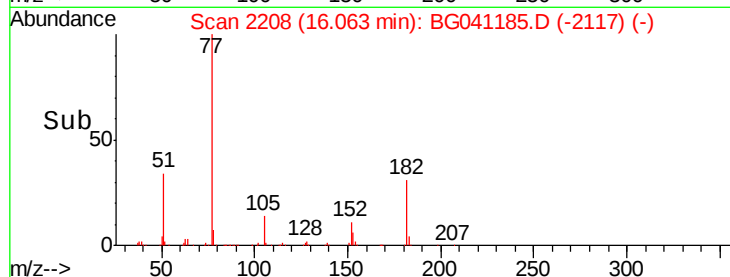
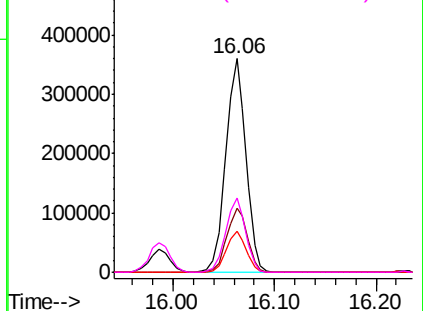


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

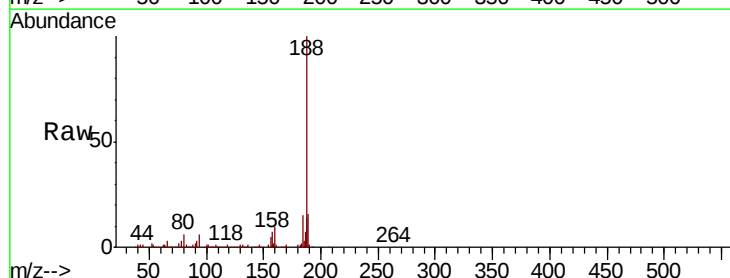
Tgt Ion: 188 Resp: 307434

Ion Ratio Lower Upper

188 100

94 5.8 4.7 7.1

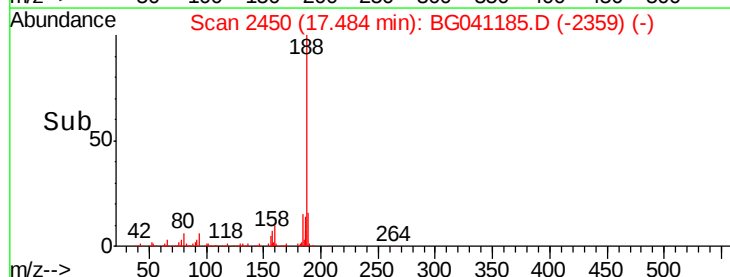
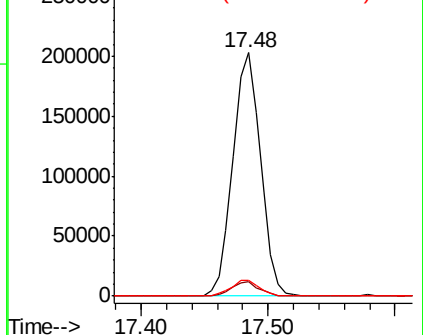
80 6.5 5.8 8.8

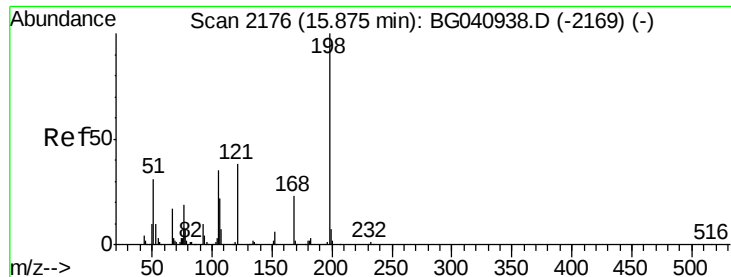


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.732 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

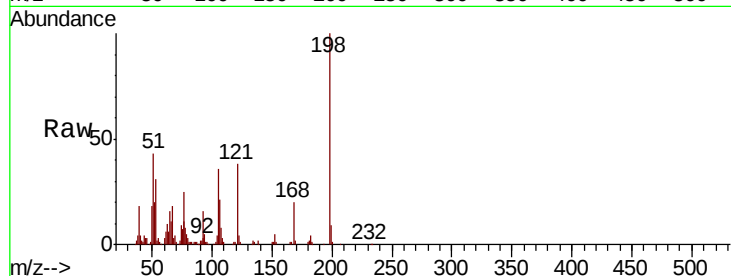
Tot Ion:198 Resp: 88570

Ion Ratio Lower Upper

198 100

51 43.2 21.6 61.6

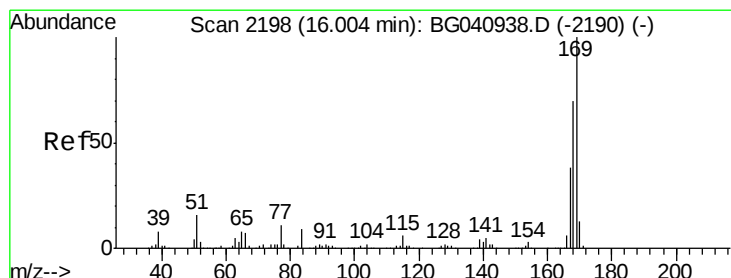
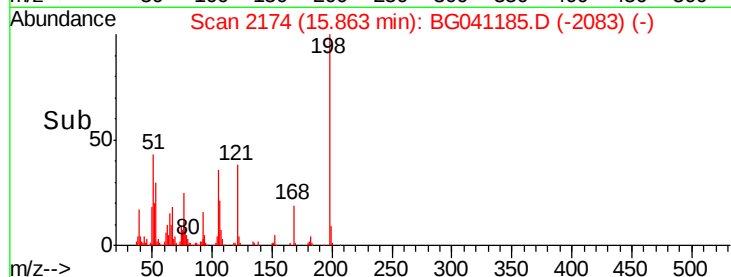
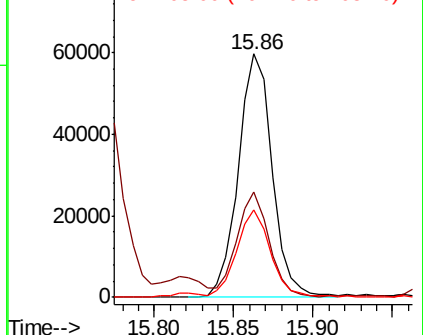
105 35.8 17.5 57.5



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: 53.604 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

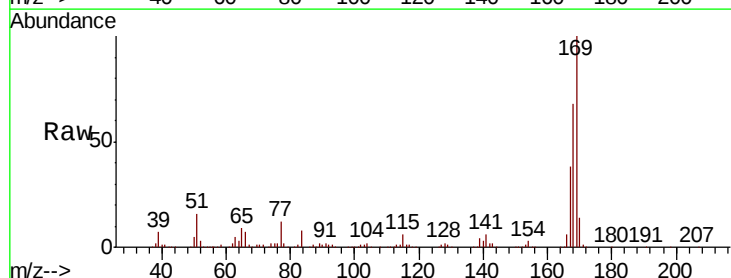
Tgt Ion:169 Resp: 463266

Ion Ratio Lower Upper

169 100

168 67.8 55.7 83.5

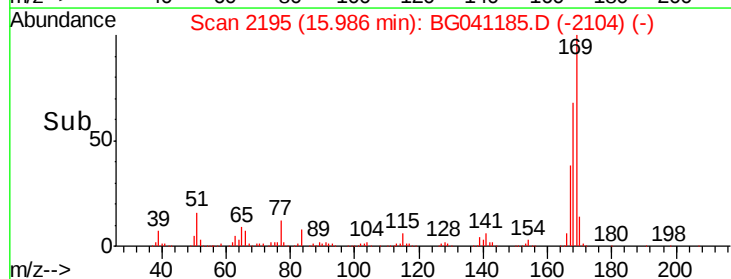
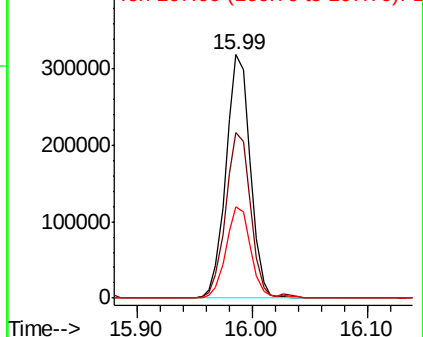
167 37.7 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

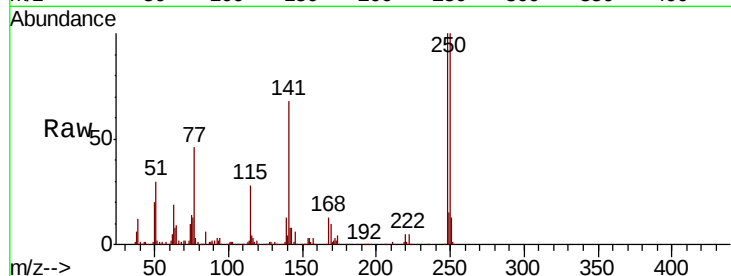




#67
4-Bromophenyl-phenylether
Concen: 51.181 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	75.0	112.4
141	67.9	52.4	78.6

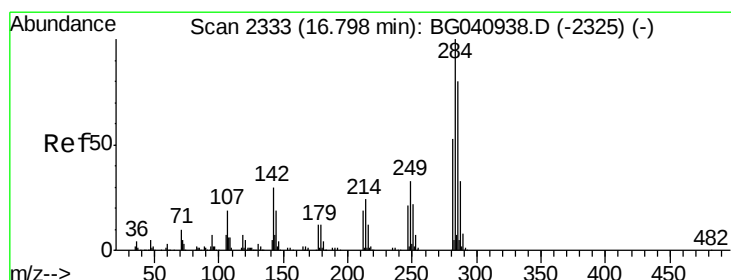
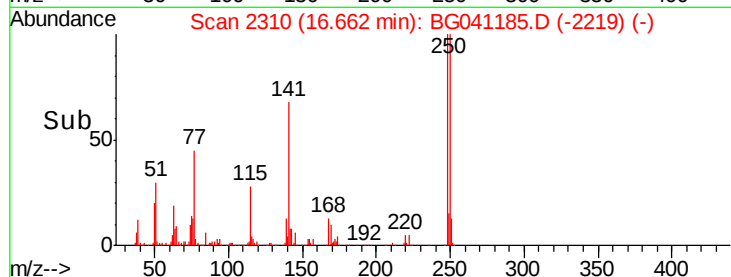
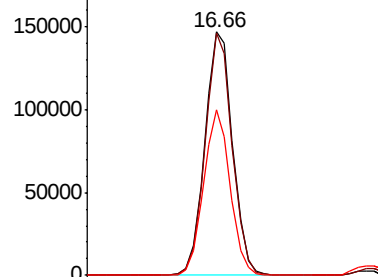


Abundance

Ion 248.00 (247.70 to 248.70): E

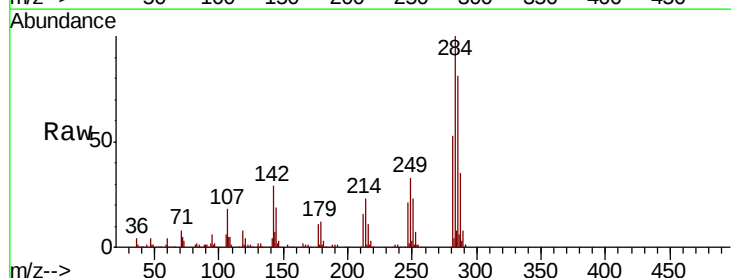
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.320 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	23.9	35.9
249	33.2	26.8	40.2

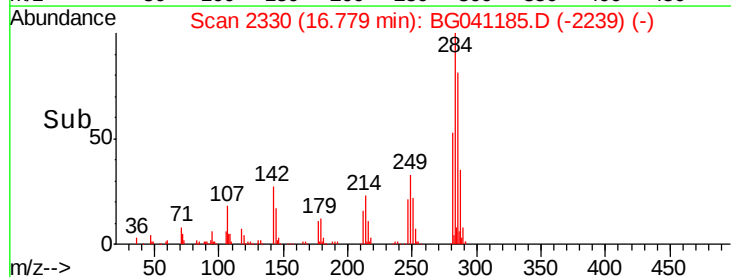
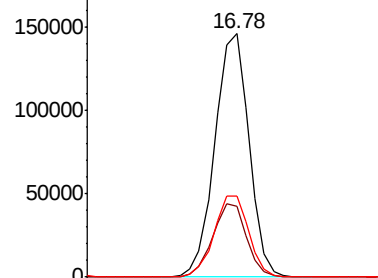


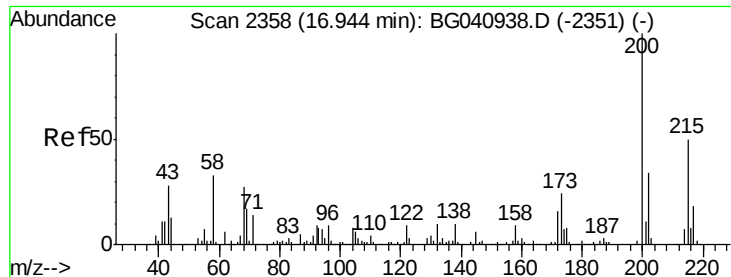
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

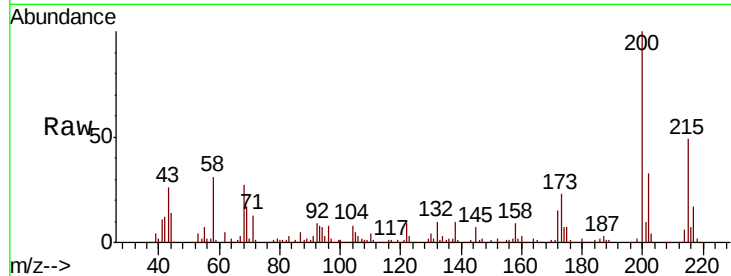




#69
Atrazine
Concen: 58.857 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	3.6	43.6
215	48.9	29.6	69.6

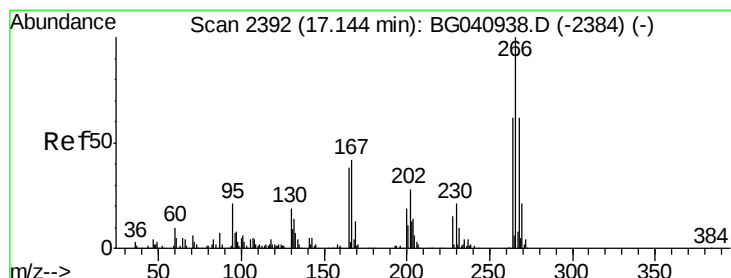
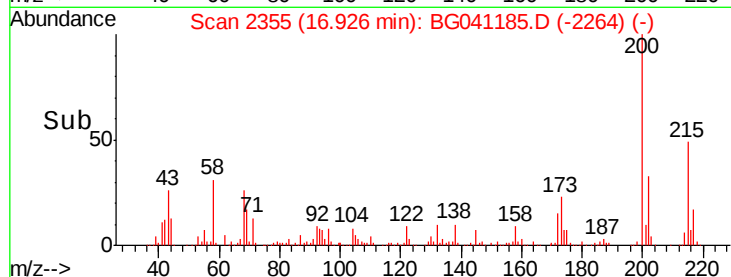
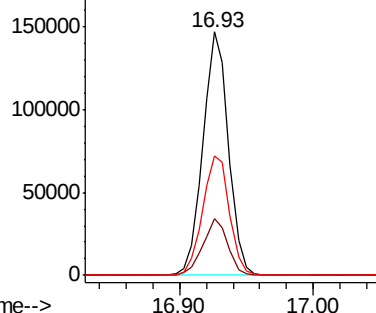


Abundance

Ion 200.00 (199.70 to 200.70): E

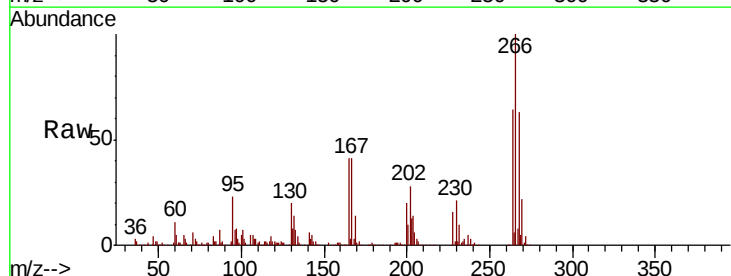
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 101.159 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	53.1	79.7
264	64.1	49.9	74.9

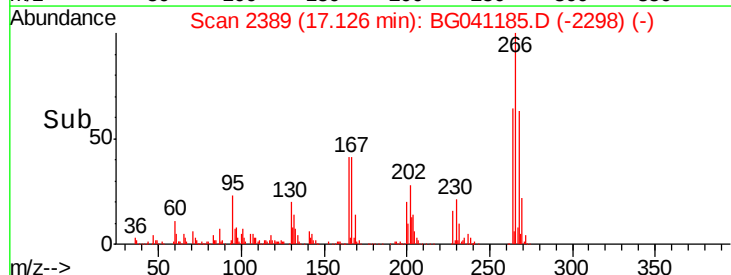
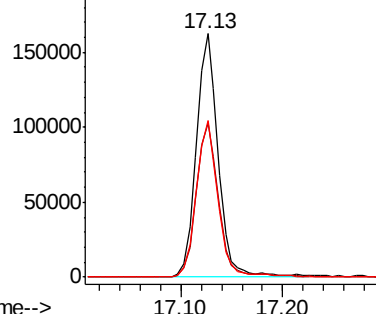


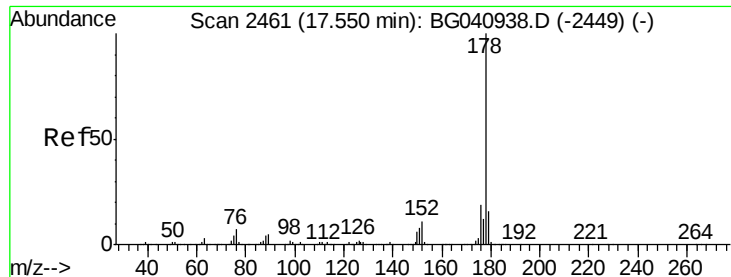
Abundance

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

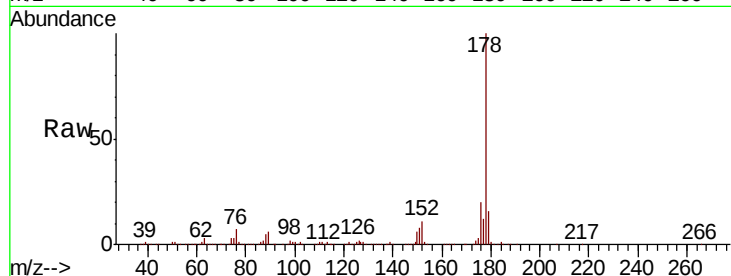




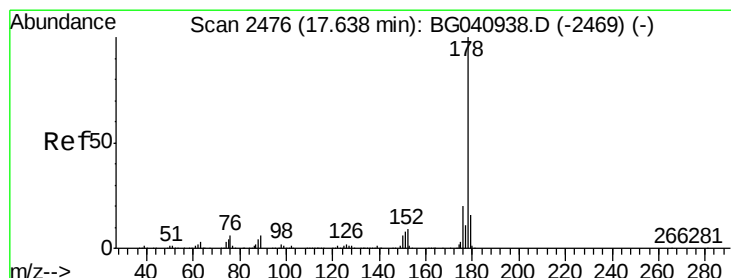
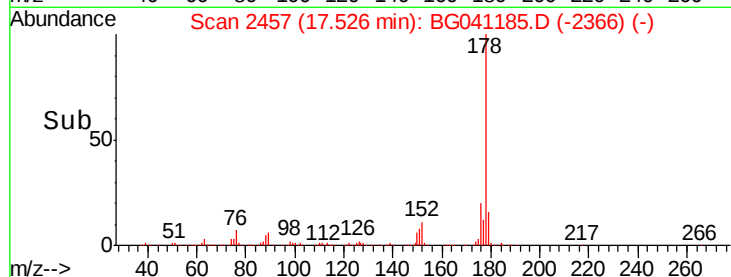
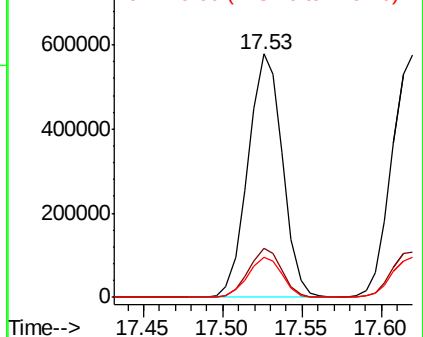
#71
Phenanthrene
Concen: 54.558 ng
RT: 17.53 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 873672
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.4 12.7 19.1

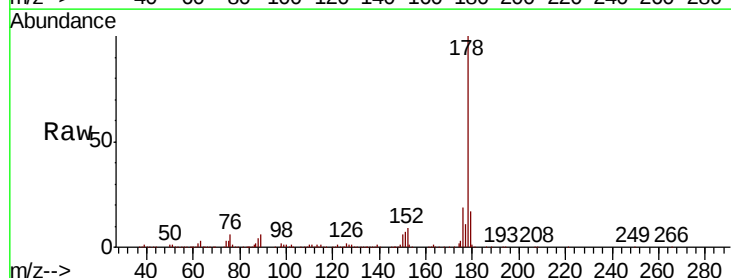


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

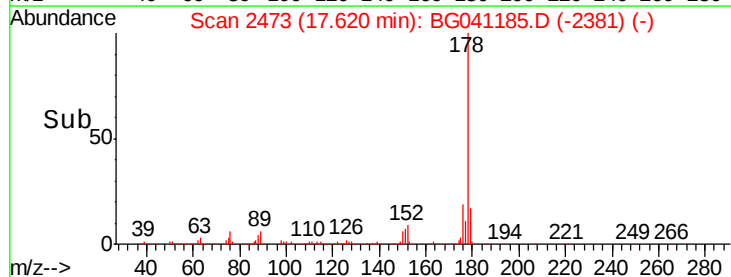
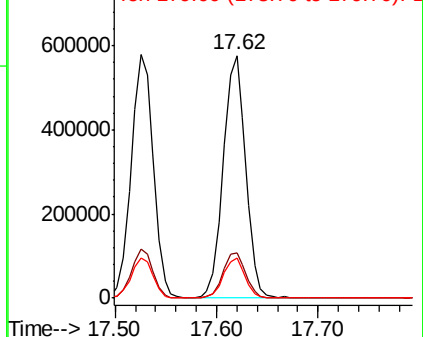


#72
Anthracene
Concen: 55.750 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion:178 Resp: 880501
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 16.8 13.0 19.4



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

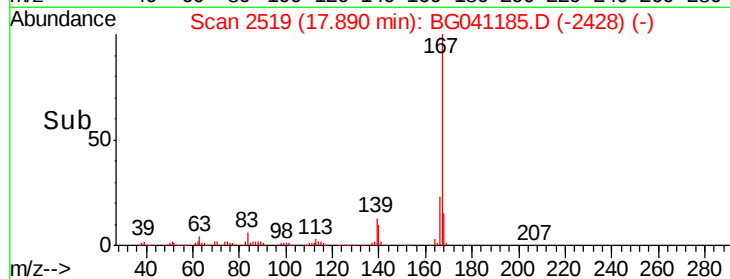
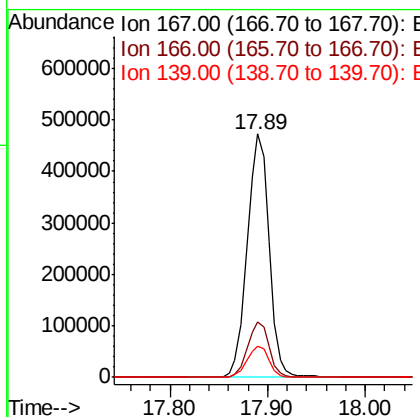
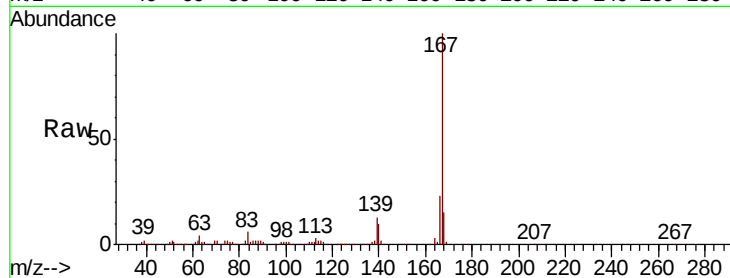




#73
 Carbazole
 Concen: 54.873 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

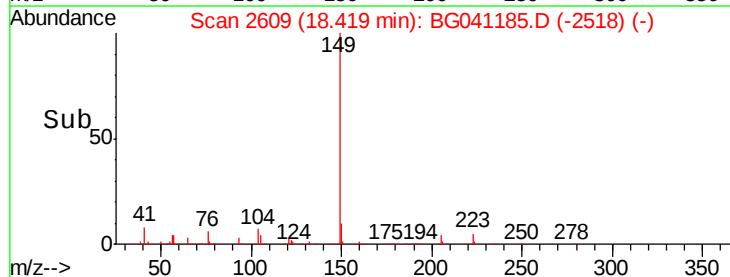
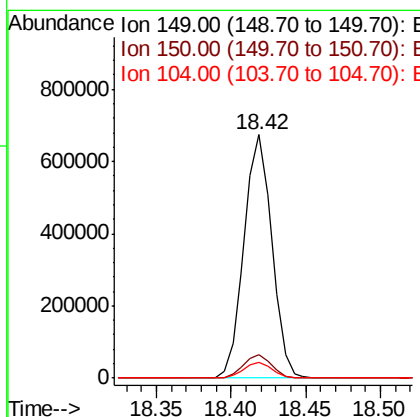
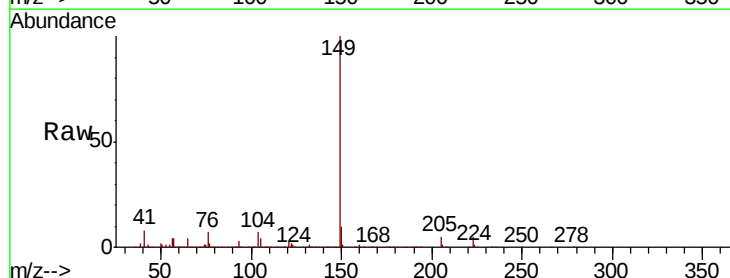
Instrument :
 BNA_G
 ClientSampleId :

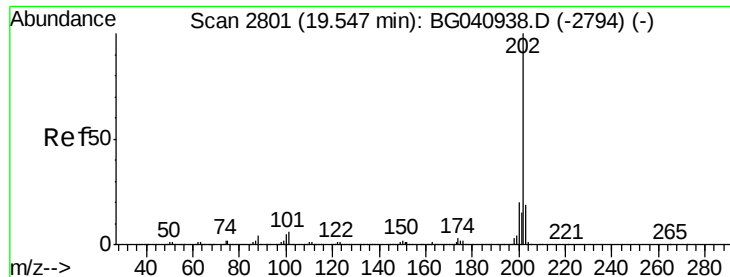
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 51.642 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041185.D
 Acq: 11 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 55.440 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

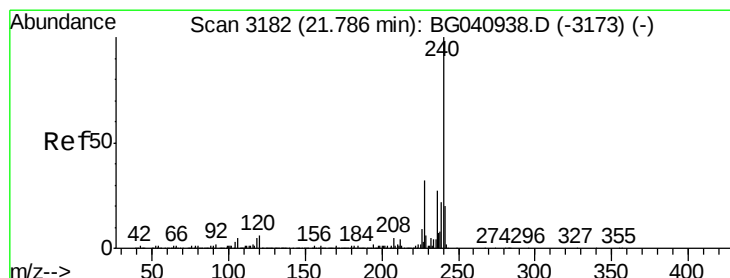
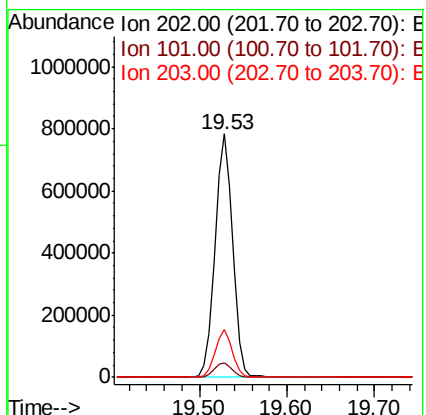
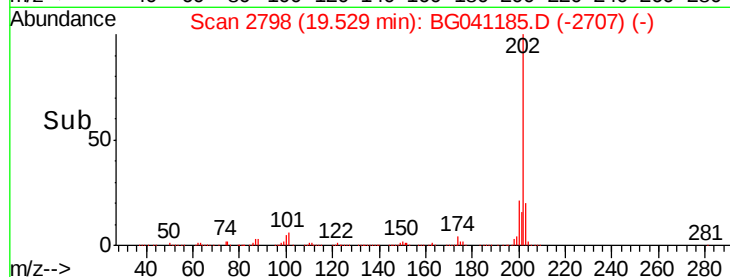
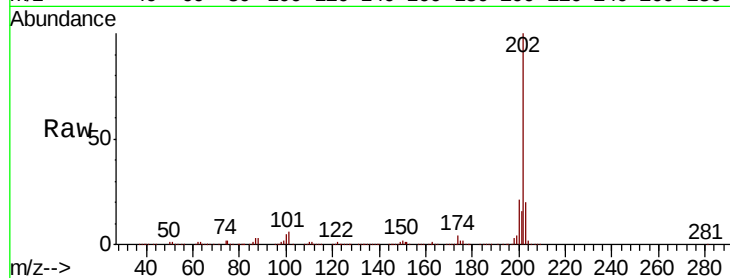
Tot Ion:202 Resp: 1096589

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.2

203 19.6 0.0 38.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

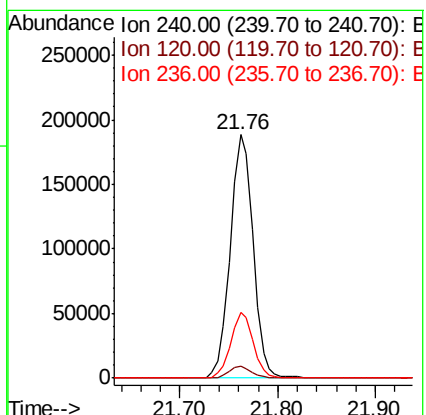
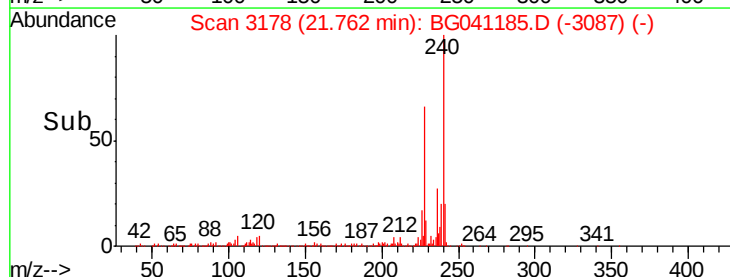
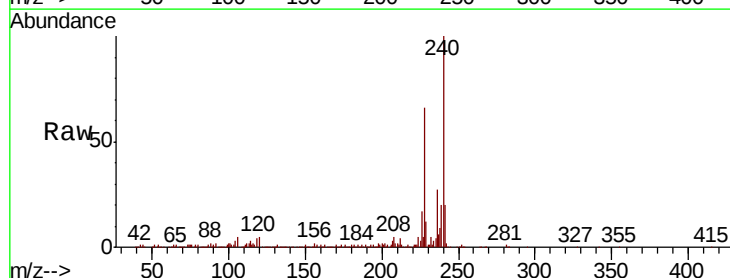
Tgt Ion:240 Resp: 306615

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

236 26.8 21.3 31.9





#77

Benzidine

Concen: 37.983 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

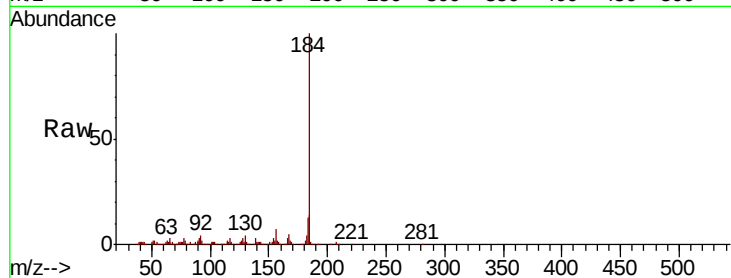
Tot Ion:184 Resp: 277821

Ion Ratio Lower Upper

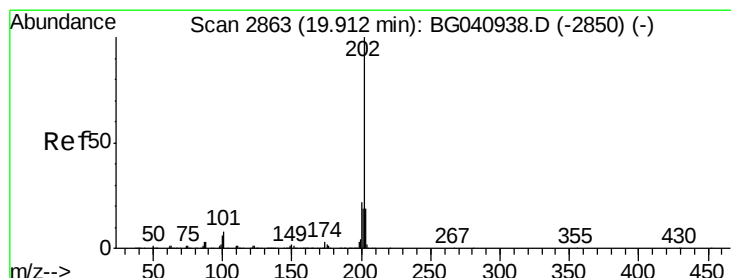
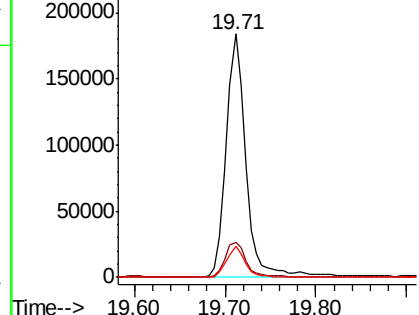
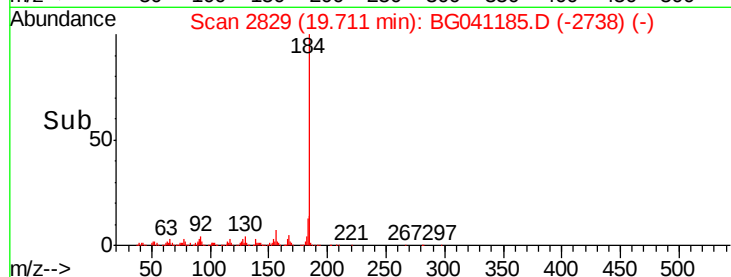
184 100

185 14.4 13.3 19.9

183 12.6 10.7 16.1



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: 54.127 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

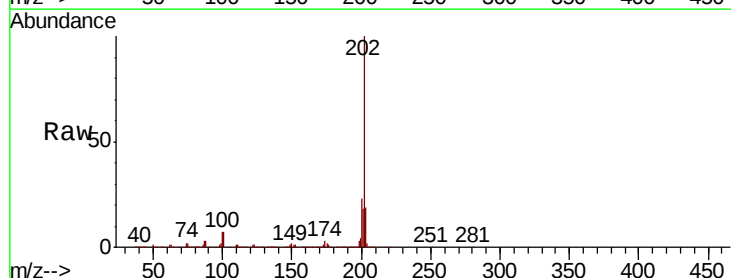
Tgt Ion:202 Resp: 1078868

Ion Ratio Lower Upper

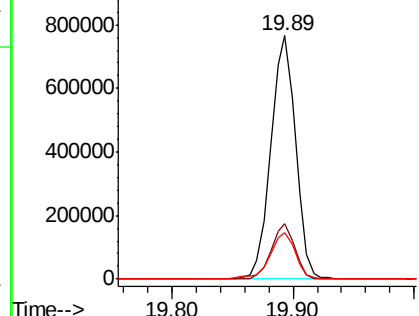
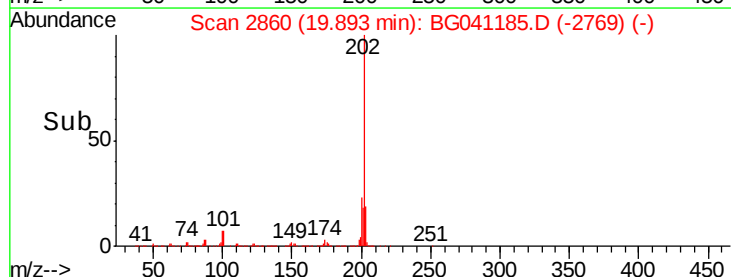
202 100

200 22.7 17.5 26.3

203 19.2 15.6 23.4



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: 97.194 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampled :

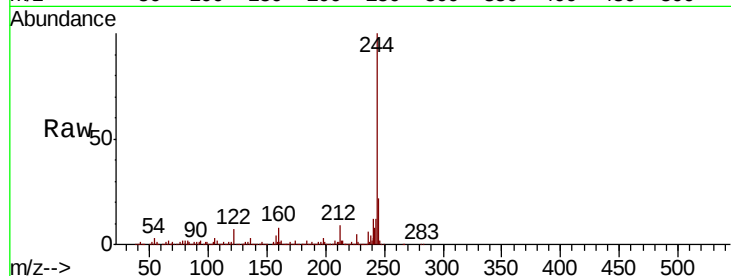
Tot Ion:244 Resp: 1404165

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

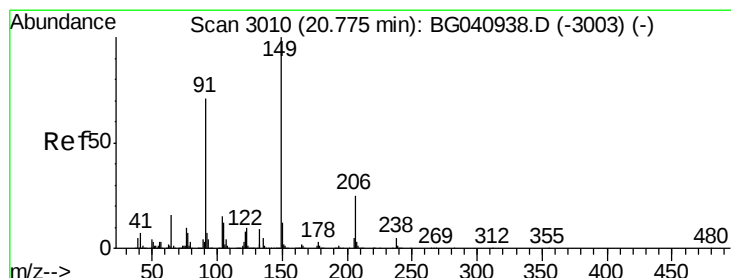
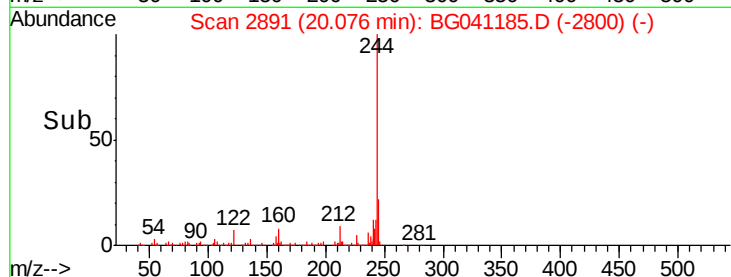
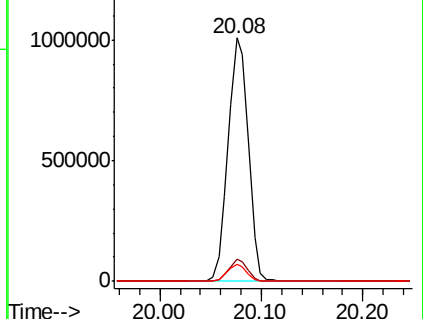
122 7.0 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.932 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

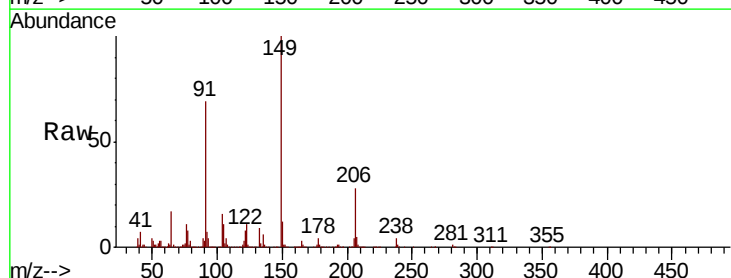
Tgt Ion:149 Resp: 402822

Ion Ratio Lower Upper

149 100

91 69.1 56.5 84.7

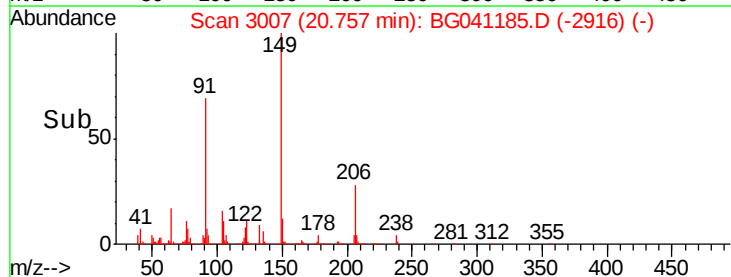
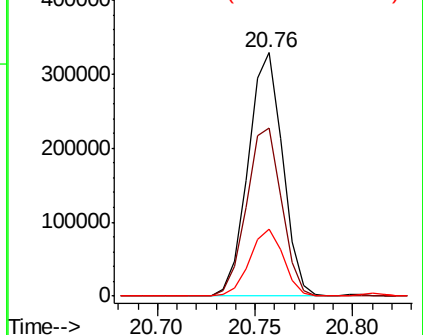
206 27.7 20.3 30.5

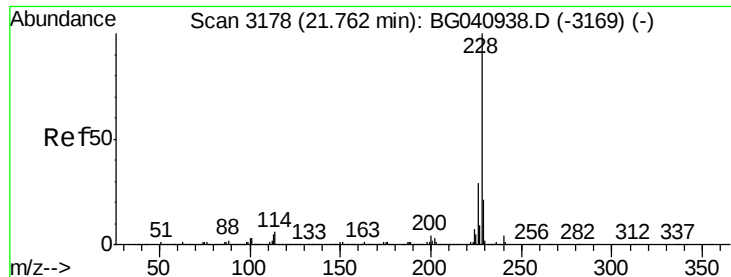


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.884 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

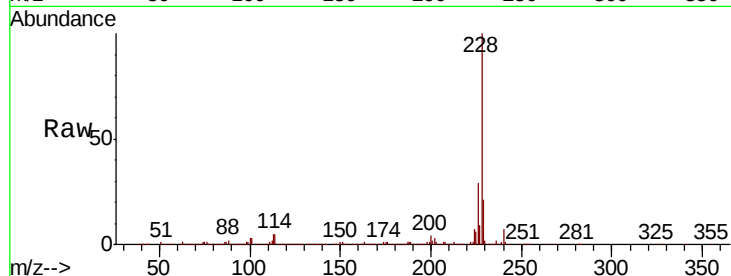
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1038553

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.5	35.3
229	21.2	16.7	25.1

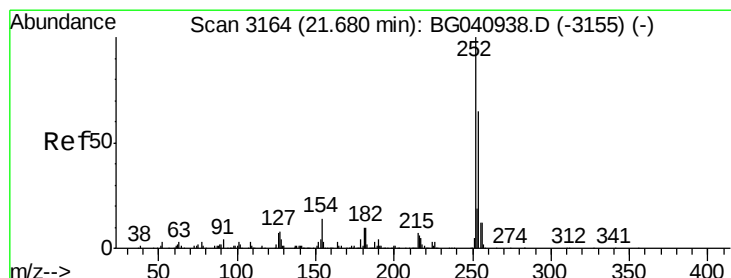
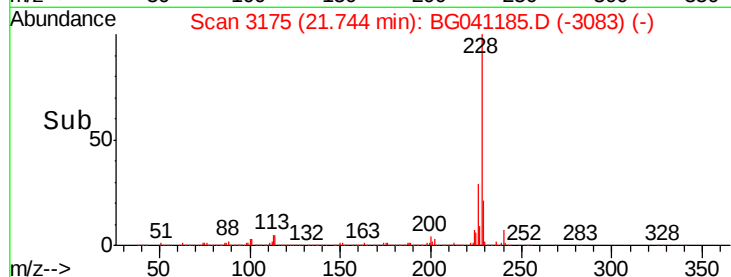
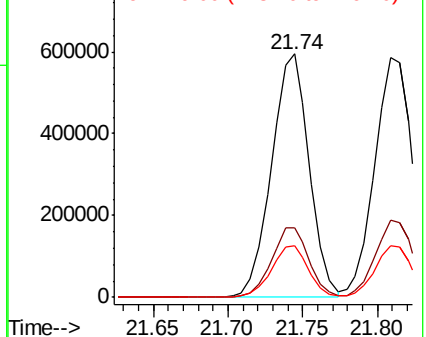


Abundance

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: 26.509 ng

RT: 21.66 min Scan# 3160

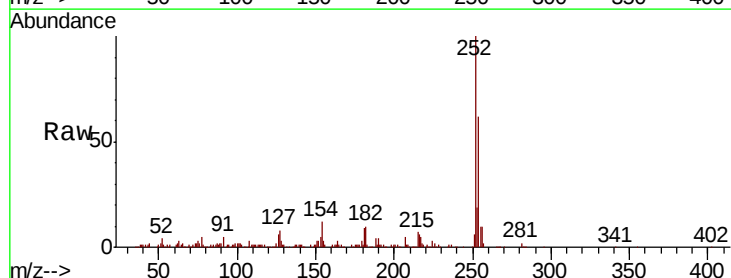
Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Tgt Ion:252 Resp: 190301

Ion	Ratio	Lower	Upper
252	100		
254	62.3	52.1	78.1
126	6.4	5.5	8.3

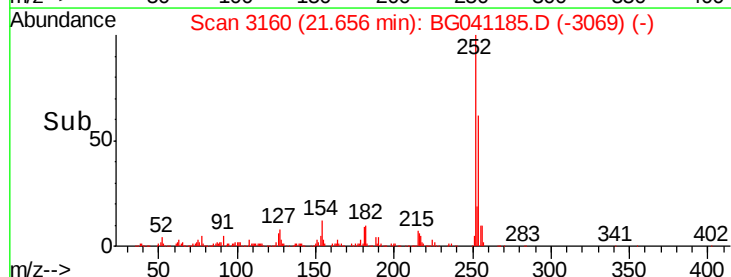
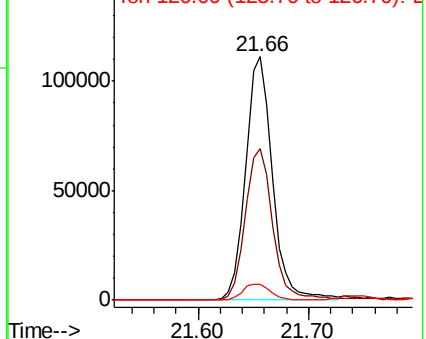


Abundance

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

Chrvsene

Concen: 51.891 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Instrument :

BNA_G

ClientSampleId :

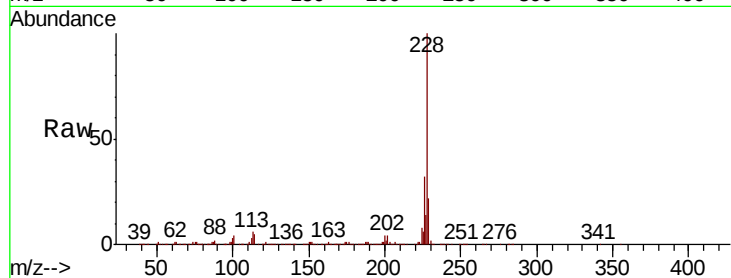
Tot Ion:228 Resp: 1013524

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	21.5	16.6	24.8

228 100

226 32.3 24.6 37.0

229 21.5 16.6 24.8

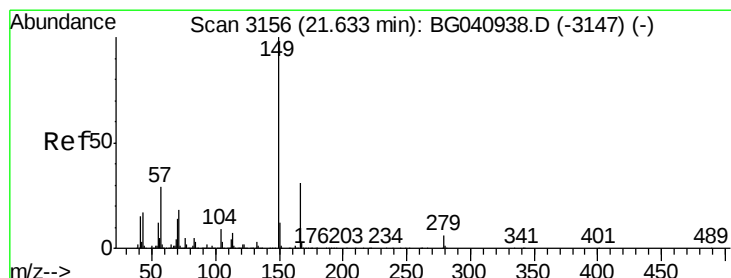
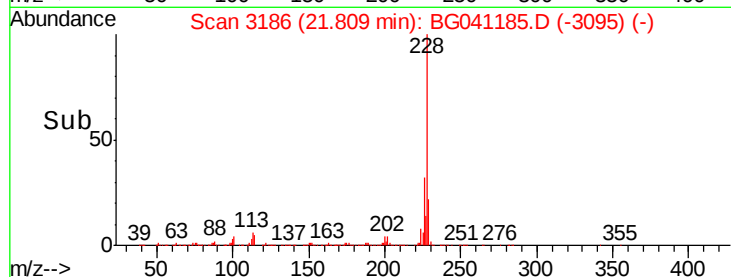
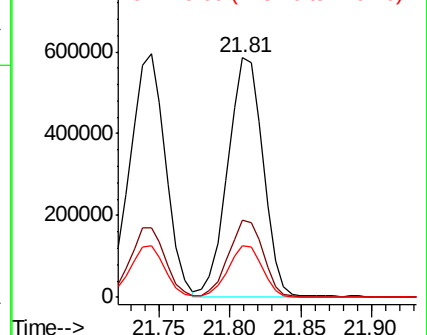


Abundance

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: 51.406 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

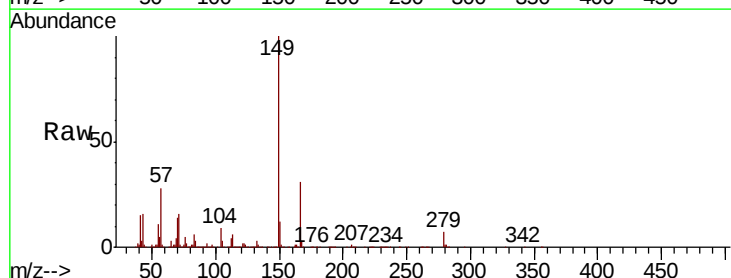
Tgt Ion:149 Resp: 561314

Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.6	37.0
279	6.9	5.0	7.6

149 100

167 30.8 24.6 37.0

279 6.9 5.0 7.6

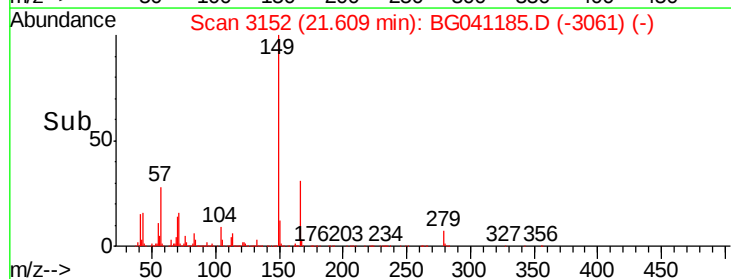
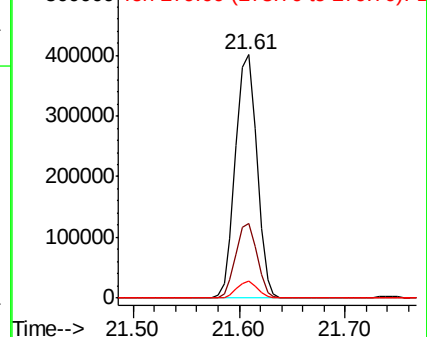


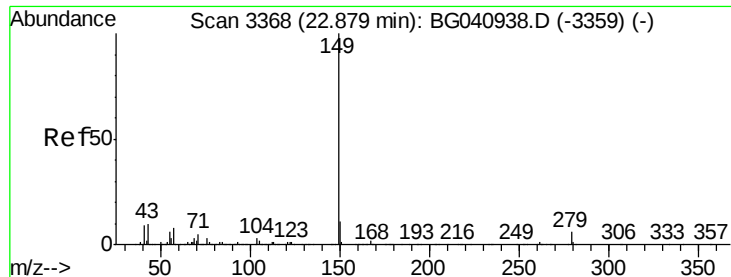
Abundance

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

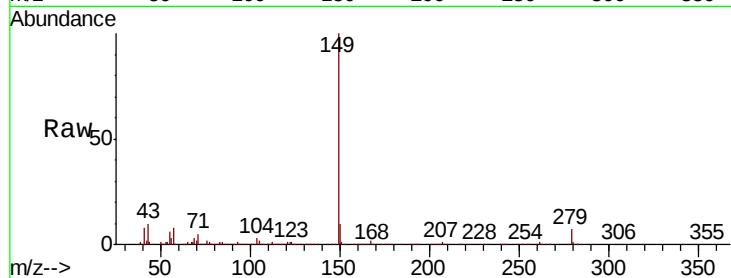




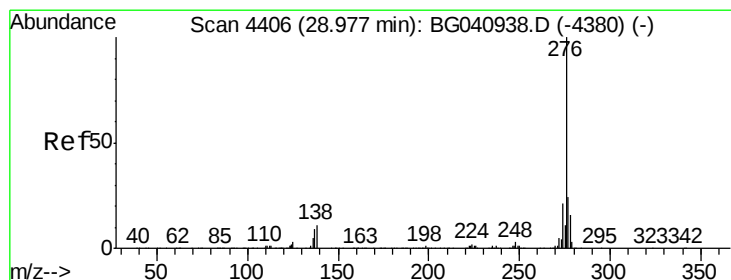
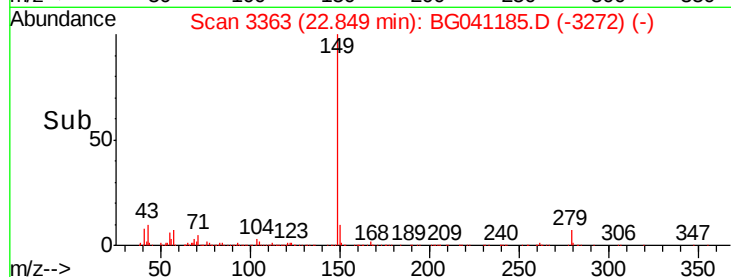
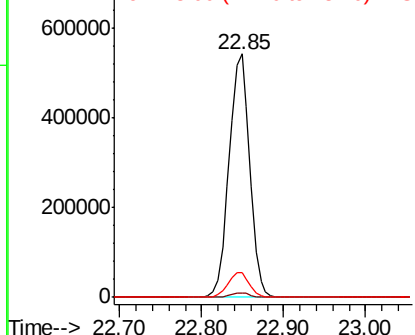
#85
Di-n-octyl phthalate
Concen: 52.352 ng
RT: 22.85 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 952047
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 10.2 8.1 12.1

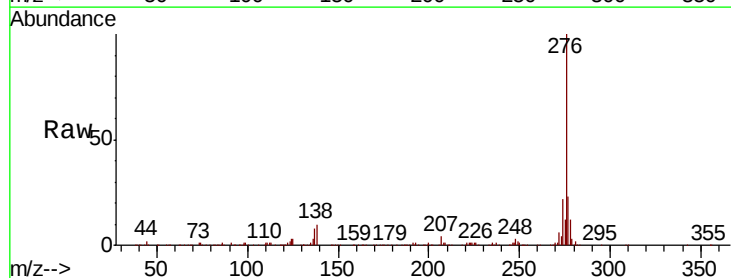


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

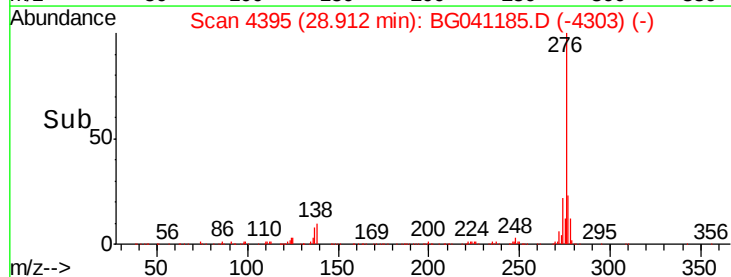
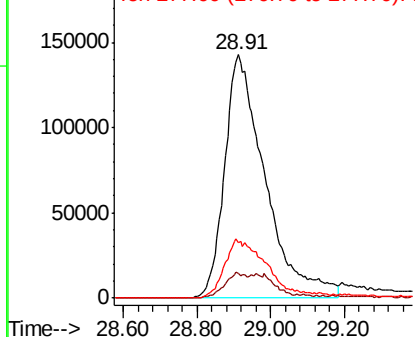


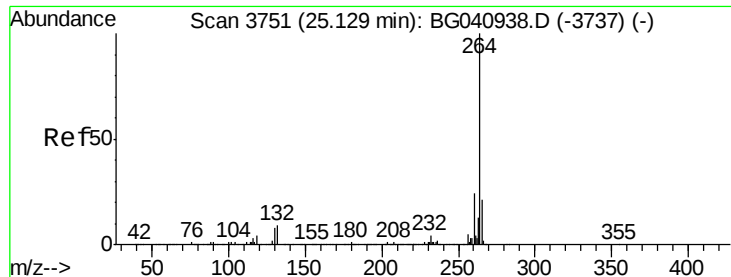
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.548 ng
RT: 28.91 min Scan# 4395
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion:276 Resp: 1089774
Ion Ratio Lower Upper
276 100
138 5.5 5.7 8.5#
277 25.2 20.8 31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

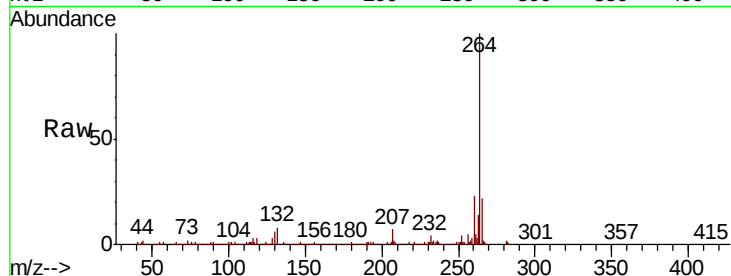
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 319614

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.7	17.0	25.4

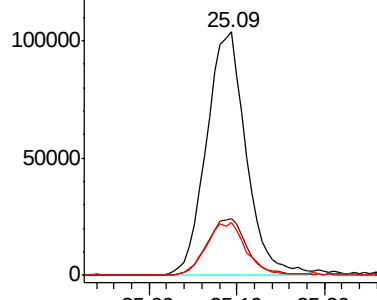


Abundance

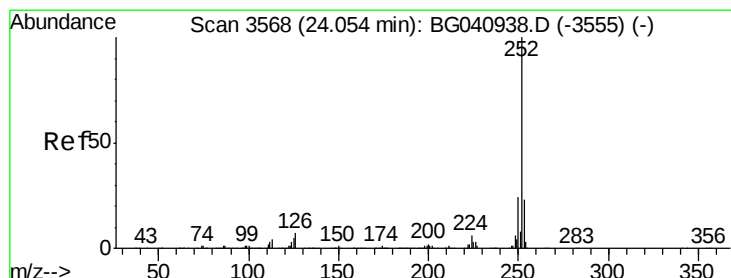
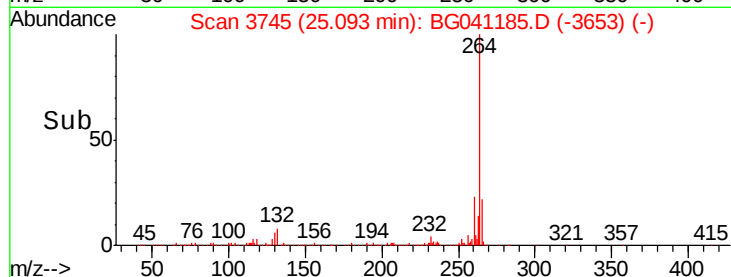
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 53.374 ng

RT: 24.02 min Scan# 3563

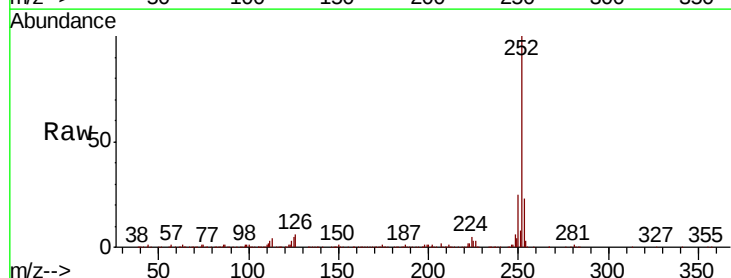
Delta R.T. 0.01 min

Lab File: BG041185.D

Acq: 11 Jun 2019 12:16

Tgt Ion:252 Resp: 1034697

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	5.1	4.3	6.5

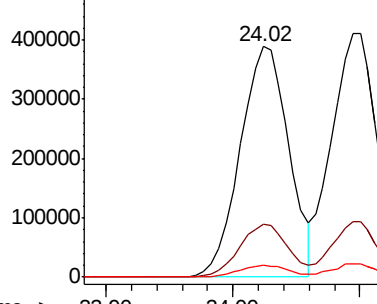


Abundance

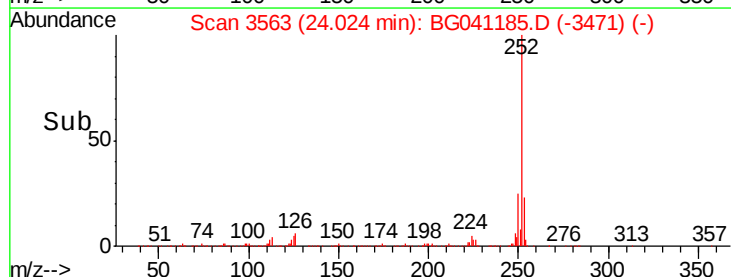
Ion 252.00 (251.70 to 252.70): E

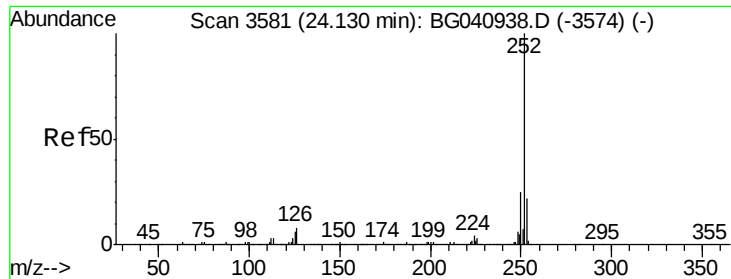
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

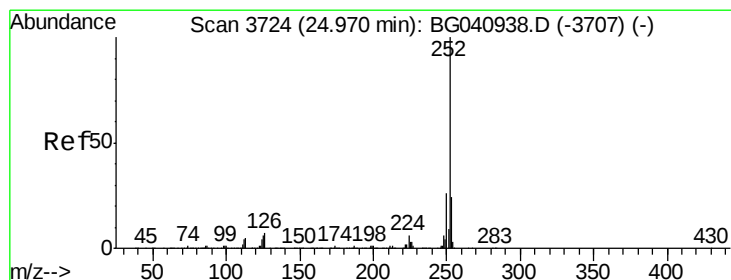
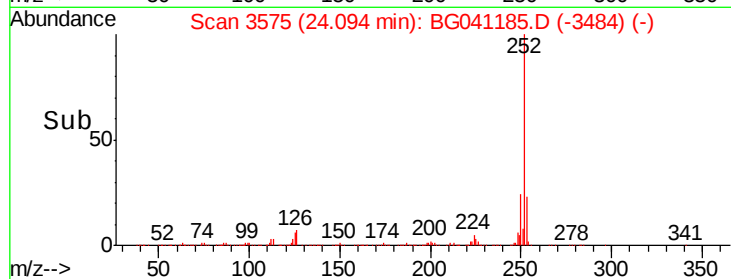
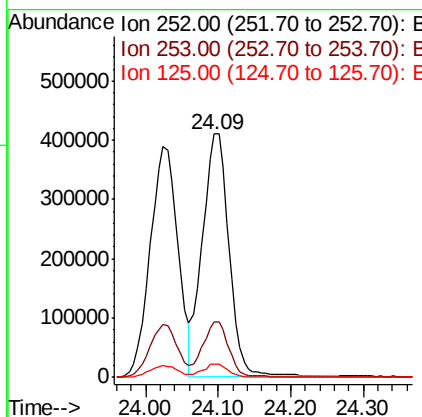
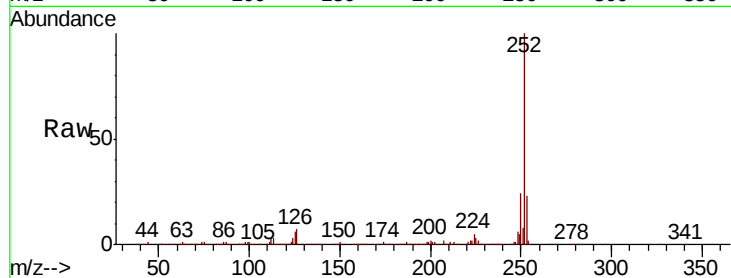




#89
Benzo(k)fluoranthene
Concen: 54.422 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

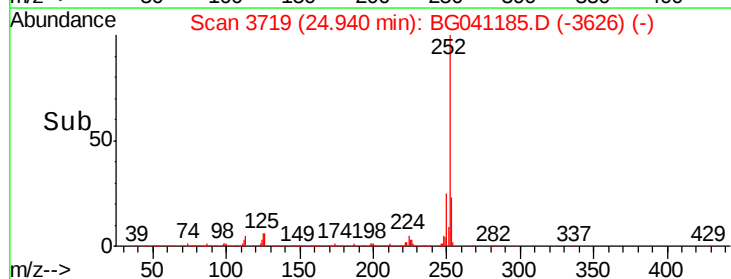
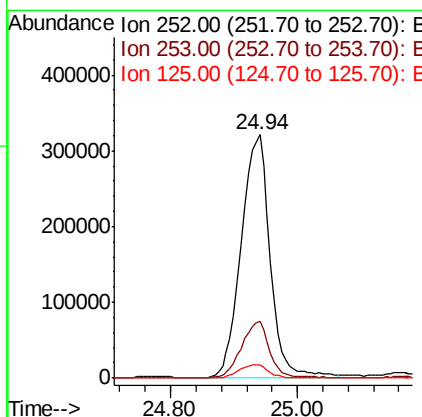
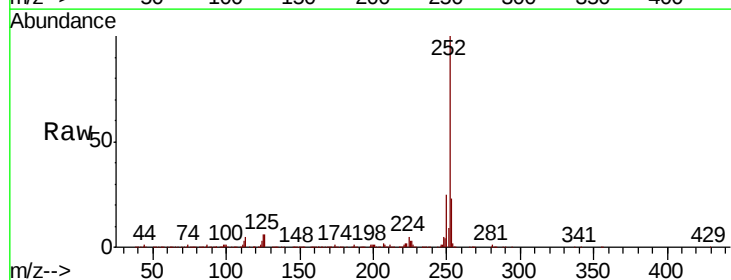
Instrument :
BNA_G
ClientSampled :

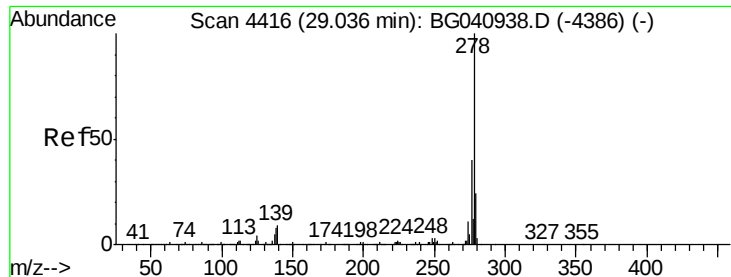
Tot Ion:252 Resp: 1043996
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 5.6 4.7 7.1



#90
Benzo(a)pyrene
Concen: 55.266 ng
RT: 24.94 min Scan# 3719
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion:252 Resp: 1022159
Ion Ratio Lower Upper
252 100
253 23.1 19.5 29.3
125 5.6 5.1 7.7

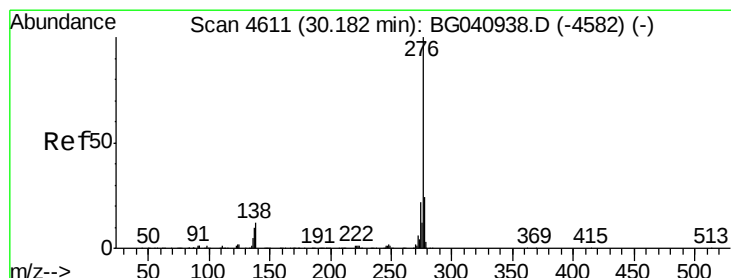
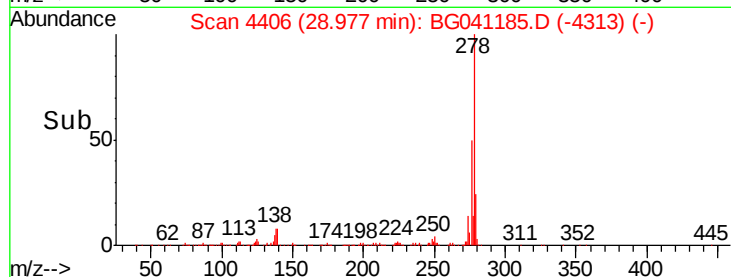
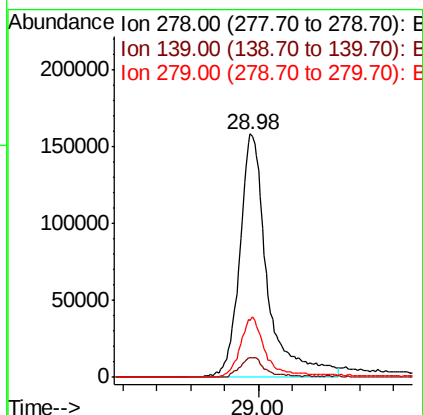
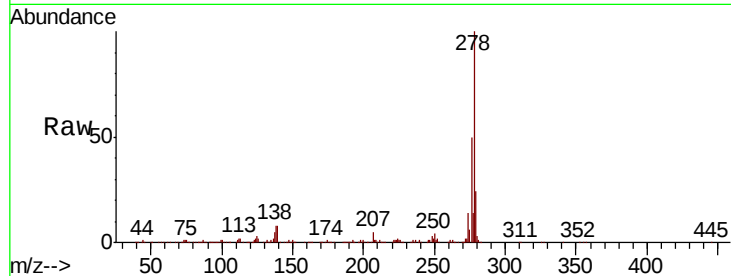




#91
Dibenzo(a,h)anthracene
Concen: 48.452 ng
RT: 28.98 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 895423
Ion Ratio Lower Upper
278 100
139 8.0 7.1 10.7
279 23.5 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 46.832 ng
RT: 30.13 min Scan# 4602
Delta R.T. 0.01 min
Lab File: BG041185.D
Acq: 11 Jun 2019 12:16

Tgt Ion:276 Resp: 840850
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 10.6 9.7 14.5

