

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041643.D
 Acq On : 15 Jul 2019 9:48
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 15 11:52:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 11:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	154114	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	661466	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	409798	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	952514	20.00	ng	0.00
76) Chrysene-d12	21.66	240	870427	20.00	ng	0.00
87) Perylene-d12	24.86	264	1027355	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	691570	75.30	ng	0.00
7) Phenol-d6	7.20	99	955036	76.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	833732	76.82	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	366868	78.29	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1903299	73.02	ng	0.00
79) Terphenyl-d14	20.01	244	2607486	73.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	156983	37.672	ng	100
3) Pyridine	3.89	79	446575	41.348	ng	100
4) n-Nitrosodimethylamine	3.81	42	211644	38.481	ng	100
6) Aniline	7.37	93	656694	38.515	ng	100
8) 2-Chlorophenol	7.61	128	407211	39.632	ng	100
9) Benzaldehyde	7.18	77	279788	40.750	ng	100
10) Phenol	7.23	94	508752	39.381	ng	100
11) bis(2-Chloroethyl)ether	7.47	93	413502	39.180	ng	100
12) 1,3-Dichlorobenzene	7.94	146	477161	38.035	ng	100
13) 1,4-Dichlorobenzene	8.09	146	476214	38.047	ng	100
14) 1,2-Dichlorobenzene	8.41	146	449523	37.766	ng	100
15) Benzyl Alcohol	8.28	79	387682	38.444	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	850987	37.537	ng	100
17) 2-Methylphenol	8.48	107	355429	38.621	ng	100
18) Hexachloroethane	9.15	117	176777	37.991	ng	100
19) n-Nitroso-di-n-propylamine	8.87	70	354227	38.765	ng	100
20) 3+4-Methylphenols	8.81	107	484168	38.215	ng	100
22) Acetophenone	8.87	105	612419	37.416	ng	100
24) Nitrobenzene	9.25	77	460376	40.615	ng	100
25) Isophorone	9.78	82	909783	38.493	ng	100
26) 2-Nitrophenol	9.96	139	201693	40.418	ng	100
27) 2,4-Dimethylphenol	10.02	122	356729	37.939	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	557140	37.989	ng	100
29) 2,4-Dichlorophenol	10.50	162	415969	38.239	ng	100
30) 1,2,4-Trichlorobenzene	10.72	180	481806	38.007	ng	100
31) Naphthalene	10.91	128	1236903	38.292	ng	100
32) Benzoic acid	10.17	122	262608	38.013	ng	100
33) 4-Chloroaniline	11.00	127	584458	37.647	ng	100
34) Hexachlorobutadiene	11.20	225	311051	37.915	ng	100
35) Caprolactam	11.79	113	154078	37.153	ng	100
36) 4-Chloro-3-methylphenol	12.12	107	437310	38.681	ng	100
37) 2-Methylnaphthalene	12.51	142	955857	38.731	ng	100
38) 1-Methylnaphthalene	12.73	142	901886	38.502	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	525542	37.849	ng	100

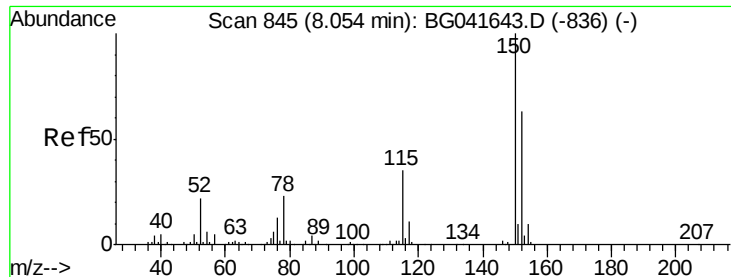
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	307442	36.136	ng	100
43) 2,4,6-Trichlorophenol	13.11	196	349444	38.333	ng	100
44) 2,4,5-Trichlorophenol	13.18	196	371607	39.916	ng	100
46) 1,1'-Biphenyl	13.51	154	1151275	38.019	ng	100
47) 2-Chloronaphthalene	13.55	162	968660	38.409	ng	100
48) 2-Nitroaniline	13.74	65	298191	42.721	ng	100
49) Acenaphthylene	14.39	152	1484380	38.648	ng	100
50) Dimethylphthalate	14.13	163	1221649	38.046	ng	100
51) 2,6-Dinitrotoluene	14.24	165	267828	41.814	ng	100
52) Acenaphthene	14.73	154	947600	38.486	ng	100
53) 3-Nitroaniline	14.56	138	291412	40.582	ng	100
54) 2,4-Dinitrophenol	14.76	184	116311	40.223	ng	100
55) Dibenzofuran	15.07	168	1424236	38.615	ng	100
56) 4-Nitrophenol	14.86	139	243271	42.580	ng	100
57) 2,4-Dinitrotoluene	15.02	165	358526	42.554	ng	100
58) Fluorene	15.72	166	1139234	38.094	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	349095	39.825	ng	100
60) Diethylphthalate	15.49	149	1232464	37.964	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	656951	38.336	ng	100
62) 4-Nitroaniline	15.73	138	313462	41.135	ng	100
63) Azobenzene	16.00	77	1107555	38.753	ng	100
65) 4,6-Dinitro-2-methylphenol	15.78	198	167643	40.544	ng	100
66) n-Nitrosodiphenylamine	15.92	169	1064564	36.923	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	442546	37.585	ng	100
68) Hexachlorobenzene	16.72	284	439515	36.905	ng	100
69) Atrazine	16.87	200	387353	44.908	ng	100
70) Pentachlorophenol	17.06	266	290664	39.297	ng	100
71) Phenanthrene	17.45	178	1797554	36.113	ng	100
72) Anthracene	17.54	178	1805680	34.686	ng	100
73) Carbazole	17.80	167	1704125	35.511	ng	100
74) Di-n-butylphthalate	18.37	149	1969765	33.459	ng	100
75) Fluoranthene	19.45	202	2117807	35.339	ng	100
77) Benzidine	19.62	184	1186641	40.822	ng	100
78) Pyrene	19.81	202	2124268	37.930	ng	100
80) Butylbenzylphthalate	20.70	149	958898	36.224	ng	100
81) Benzo(a)anthracene	21.64	228	2139140	35.519	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	873025	34.861	ng	100
83) Chrysene	21.71	228	2030203	37.870	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	1315186	36.327	ng	100
85) Di-n-octyl phthalate	22.78	149	2267540	36.087	ng	100
86) Indeno(1,2,3-cd)pyrene	28.52	276	2772622	38.072	ng	100
88) Benzo(b)fluoranthene	23.85	252	2346602	38.473	ng	100
89) Benzo(k)fluoranthene	23.92	252	2197476	37.805	ng	100
90) Benzo(a)pyrene	24.72	252	2261958	38.698	ng	100
91) Dibenzo(a,h)anthracene	28.59	278	2211721	38.965	ng	100
92) Benzo(g,h,i)perylene	29.66	276	2220211	39.213	ng	100

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

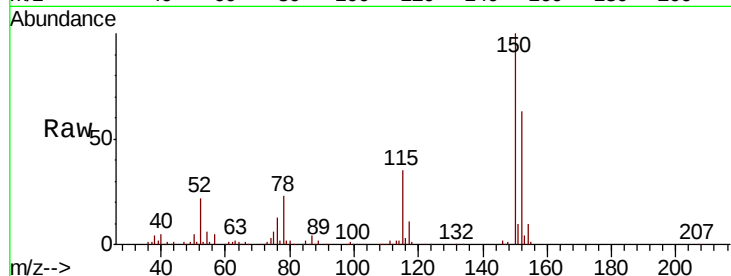


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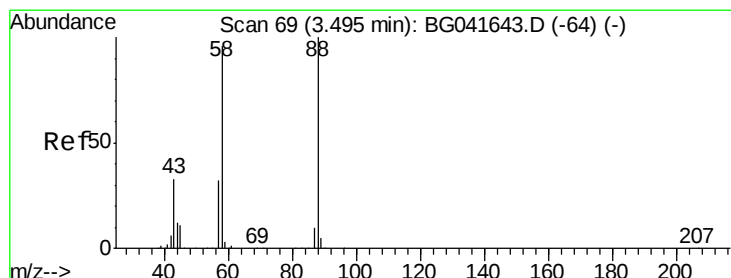
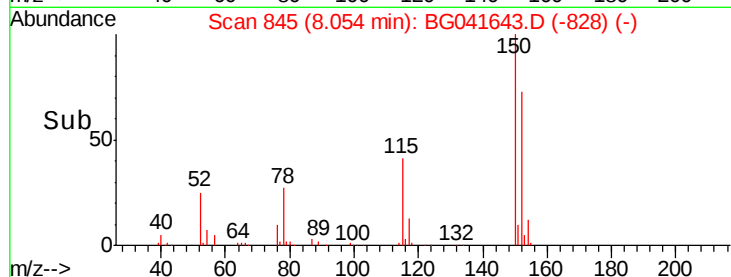
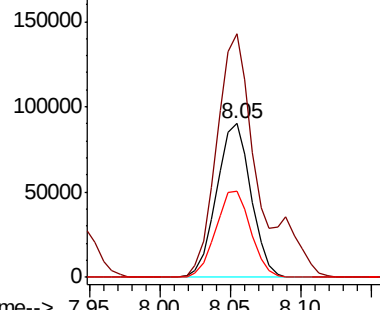
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.9	190.3
115	56.3	45.0	67.6



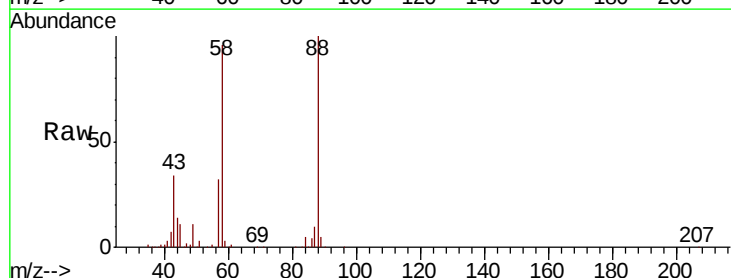
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



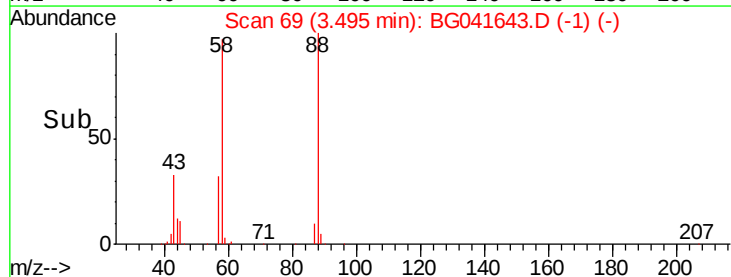
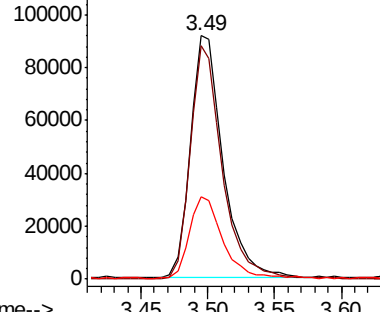
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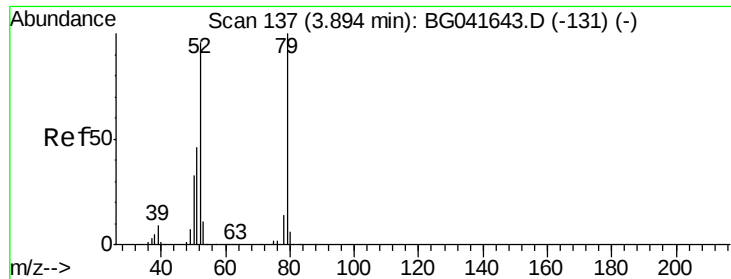
1,4-Dioxane
Concen: 37.672 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	76.2	114.2
43	34.0	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: 41.348 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.00 min

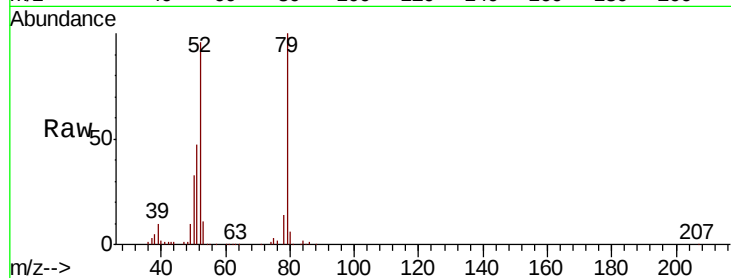
Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampled :



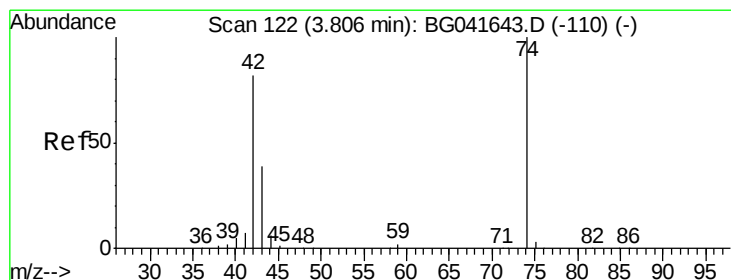
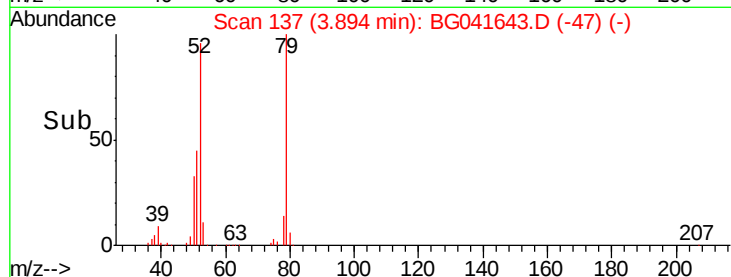
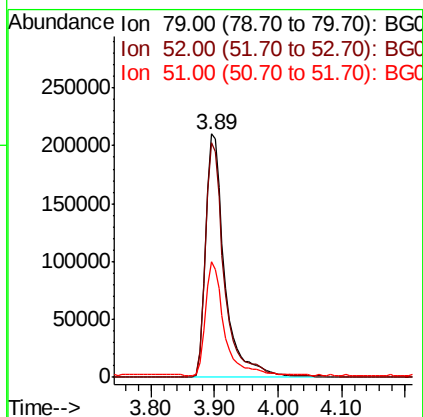
Tot Ion: 79 Resp: 446575

Ion Ratio Lower Upper

79 100

52 96.4 77.1 115.7

51 47.3 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 38.481 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

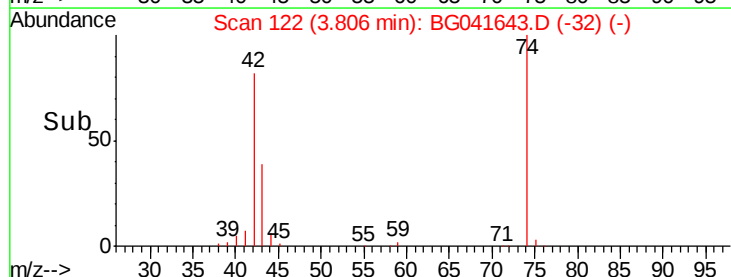
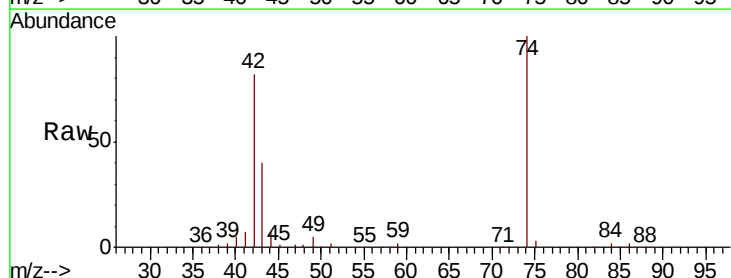
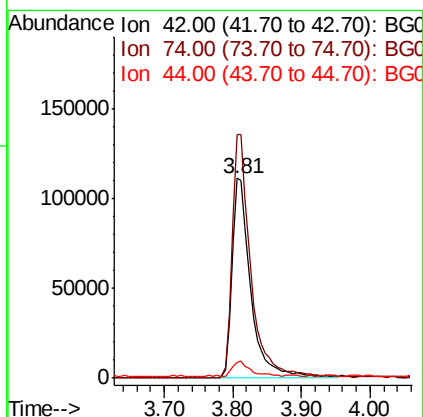
Tgt Ion: 42 Resp: 211644

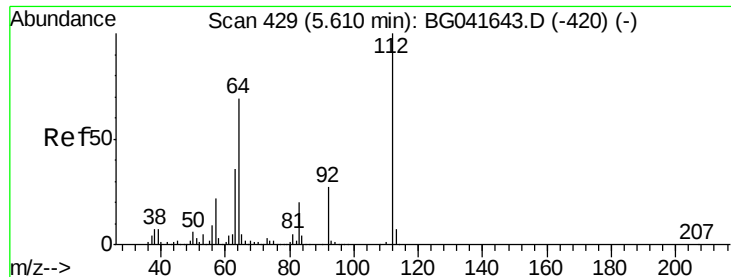
Ion Ratio Lower Upper

42 100

74 121.8 97.4 146.2

44 8.2 6.6 9.8





#5

2-Fluorophenol

Concen: 75.302 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampled :

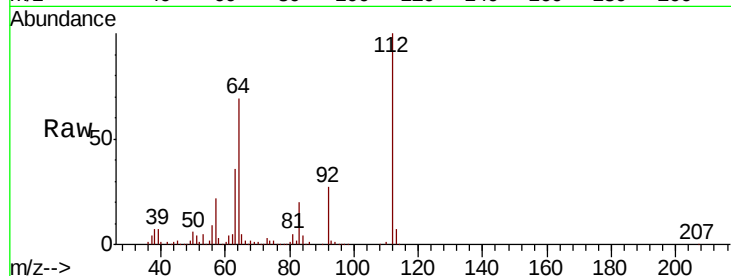
Tot Ion:112 Resp: 691570

Ion Ratio Lower Upper

112 100

64 69.3 55.4 83.2

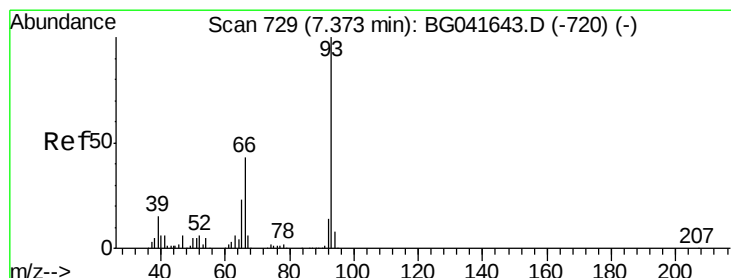
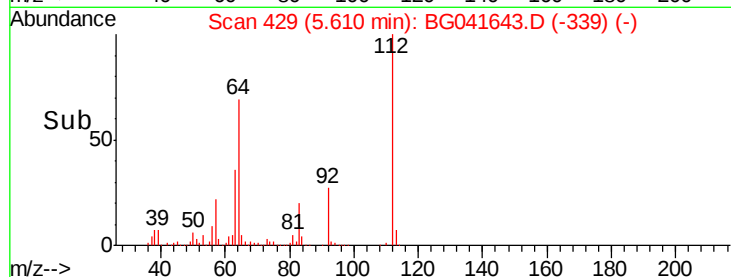
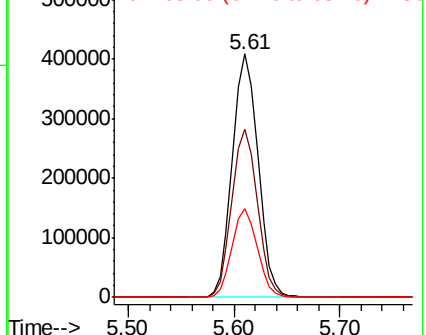
63 36.4 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.515 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

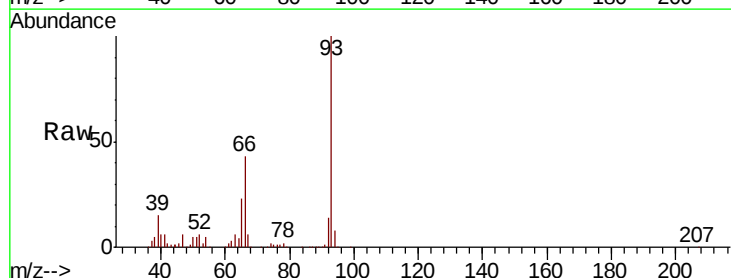
Tgt Ion: 93 Resp: 656694

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.2

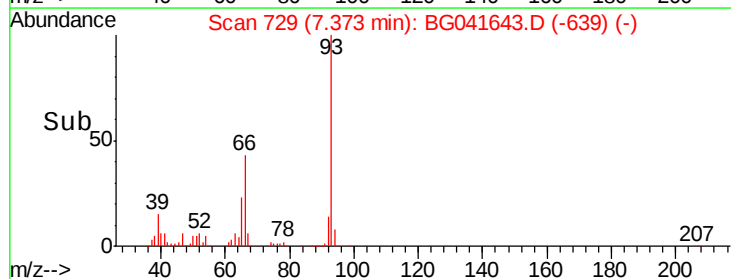
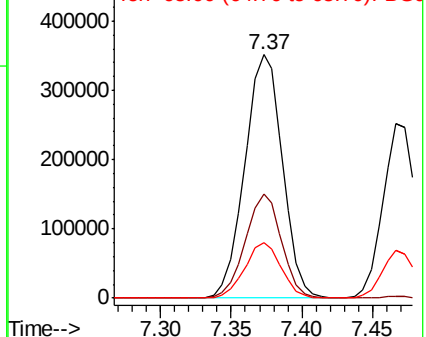
65 22.7 18.2 27.2

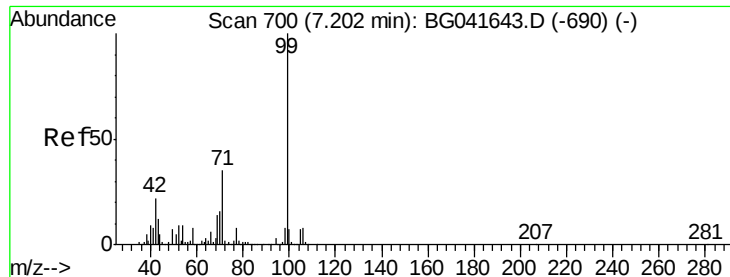


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.758 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

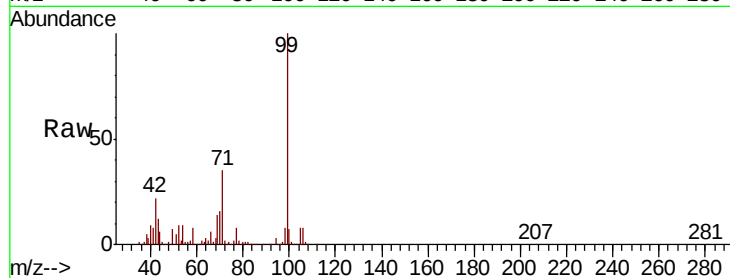
Tot Ion: 99 Resp: 955036

Ion Ratio Lower Upper

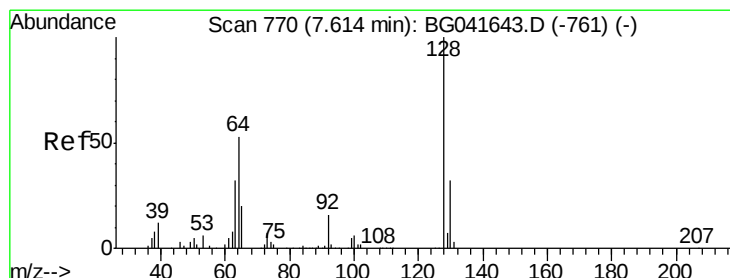
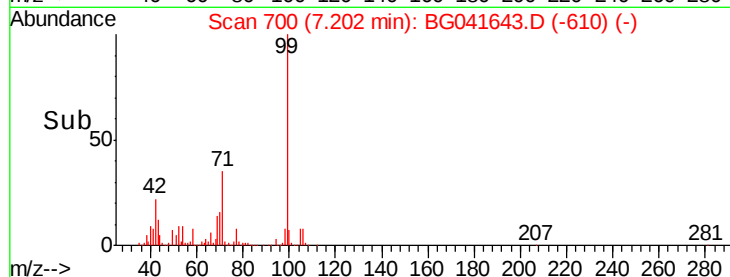
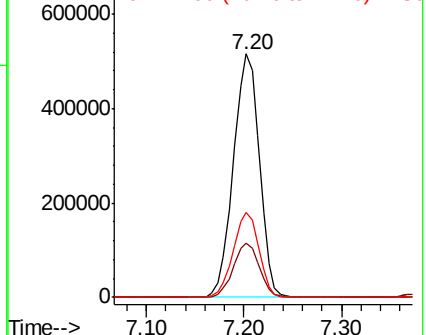
99 100

42 22.0 17.6 26.4

71 34.7 27.8 41.6



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



#8

2-Chlorophenol

Concen: 39.632 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

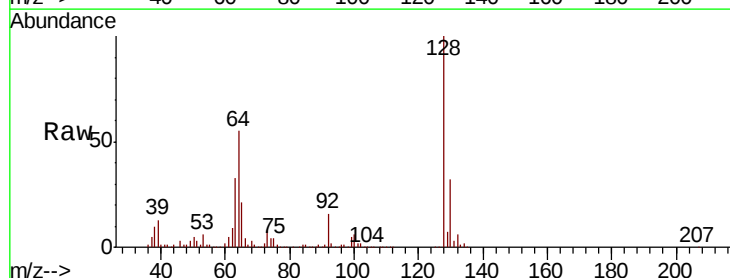
Tgt Ion: 128 Resp: 407211

Ion Ratio Lower Upper

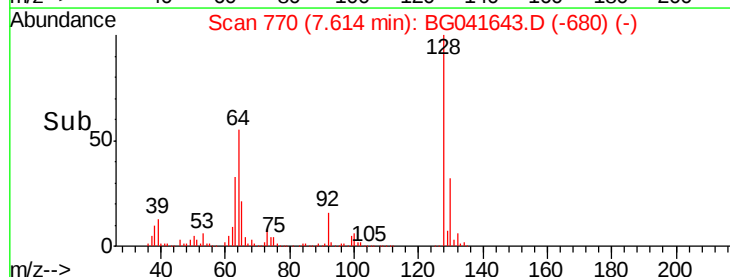
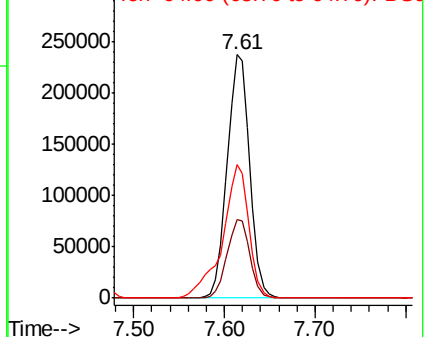
128 100

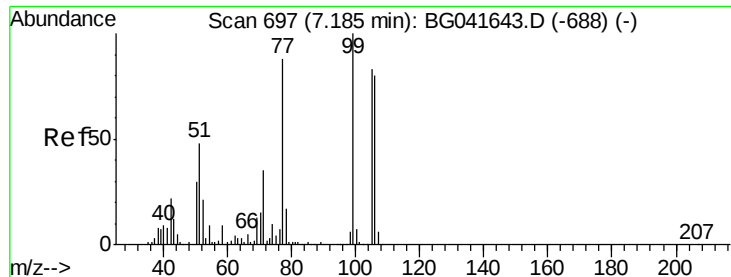
130 32.4 12.4 52.4

64 54.9 34.9 74.9



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: 40.750 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

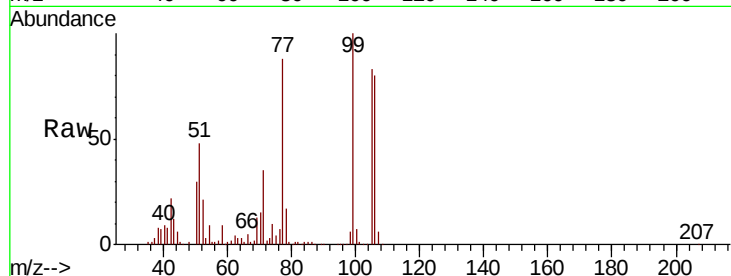
Tot Ion: 77 Resp: 279788

Ion Ratio Lower Upper

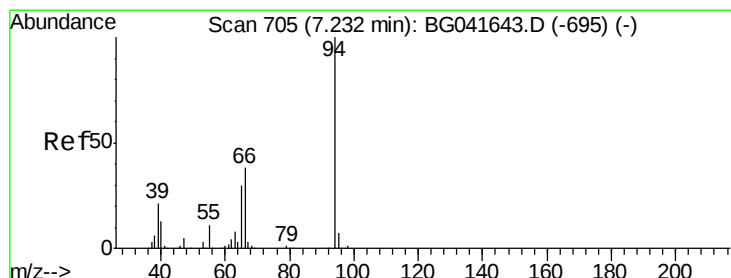
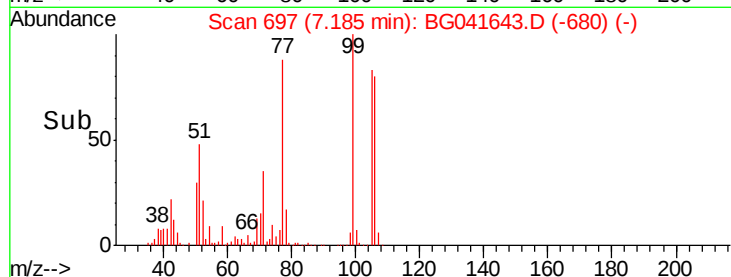
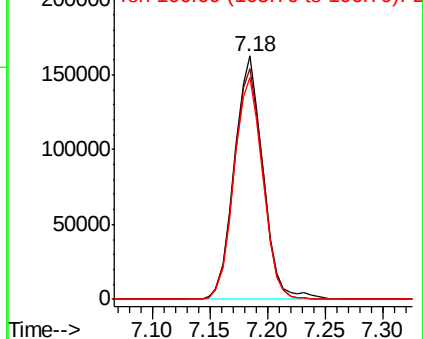
77 100

105 94.6 74.6 114.6

106 91.1 71.1 111.1



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



#10

Phenol

Concen: 39.381 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

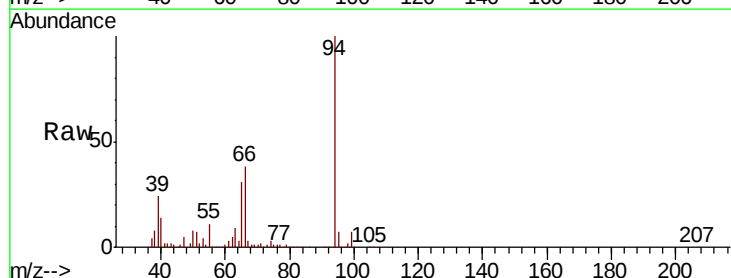
Tgt Ion: 94 Resp: 508752

Ion Ratio Lower Upper

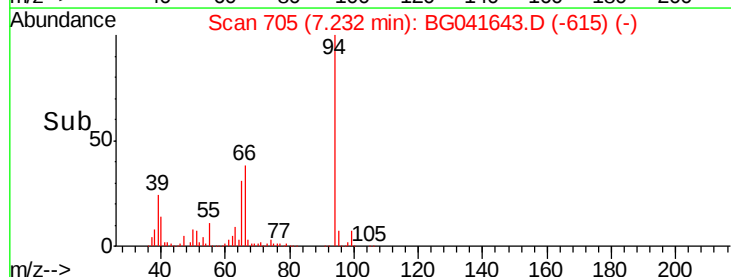
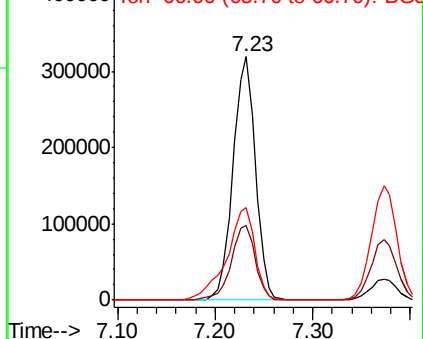
94 100

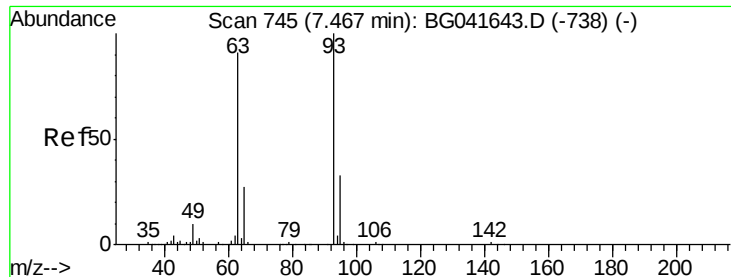
65 30.6 10.6 50.6

66 38.2 18.2 58.2



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

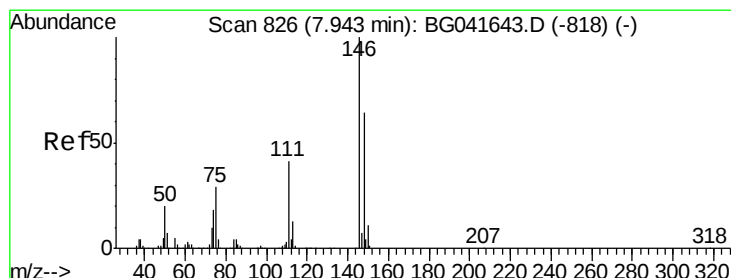
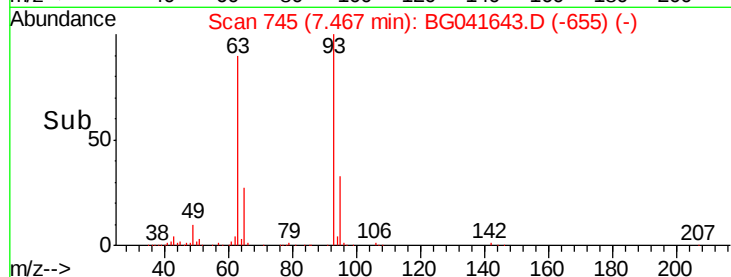
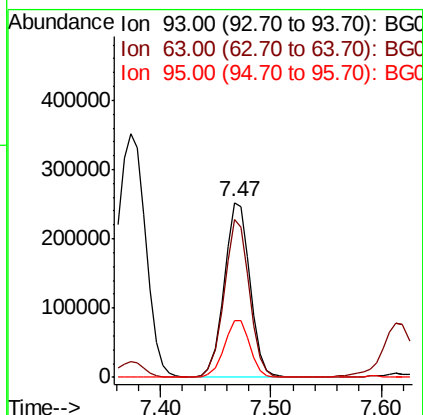
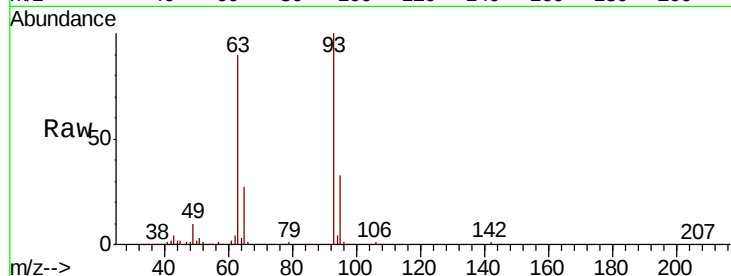




#11
 bis(2-Chloroethyl)ether
 Concen: 39.180 ng
 RT: 7.47 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

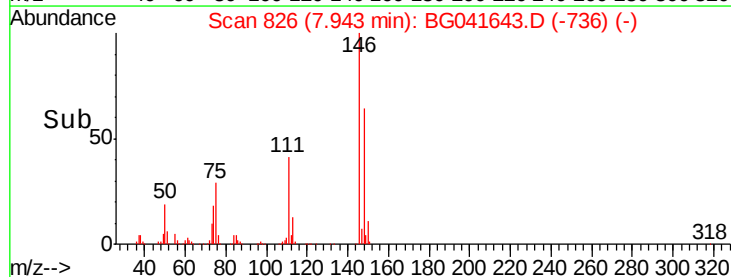
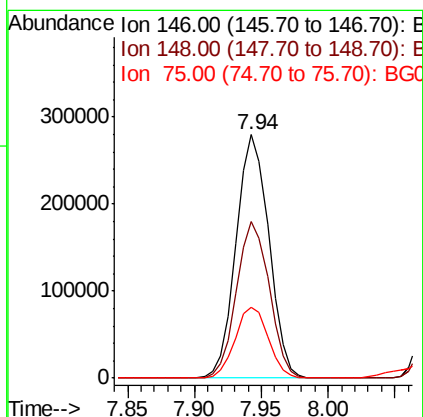
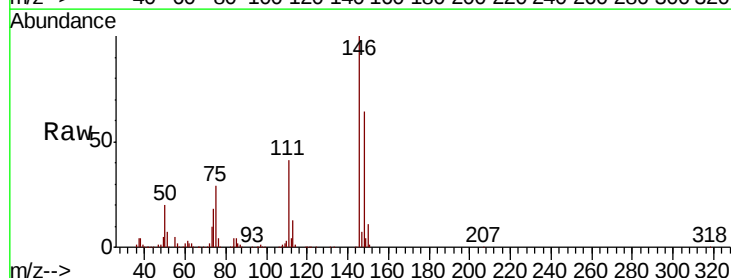
Instrument :
 BNA_G
 ClientSampleId :

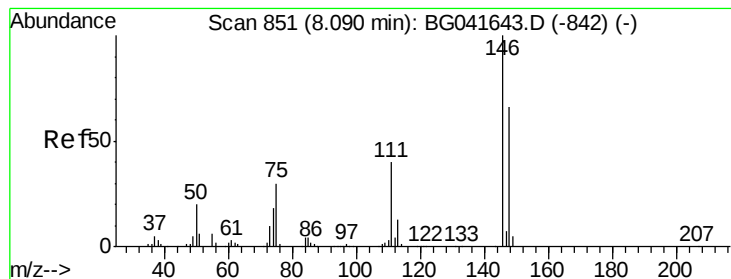
Tot Ion: 93 Resp: 413502
 Ion Ratio Lower Upper
 93 100
 63 90.4 70.4 110.4
 95 32.8 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.035 ng
 RT: 7.94 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Tgt Ion: 146 Resp: 477161
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 75 29.0 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 38.047 ng

RT: 8.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampled :

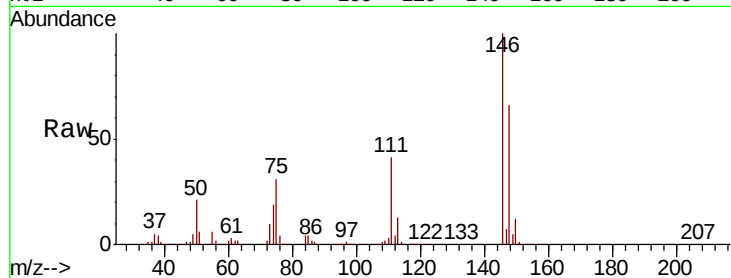
Tot Ion:146 Resp: 476214

Ion Ratio Lower Upper

146 100

148 65.8 52.6 79.0

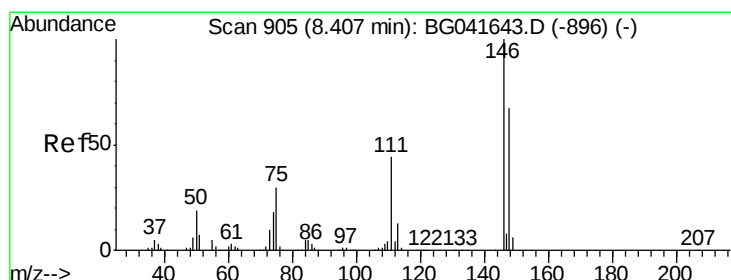
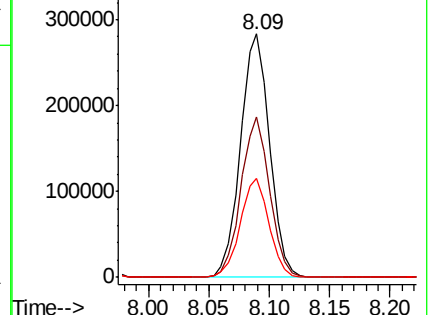
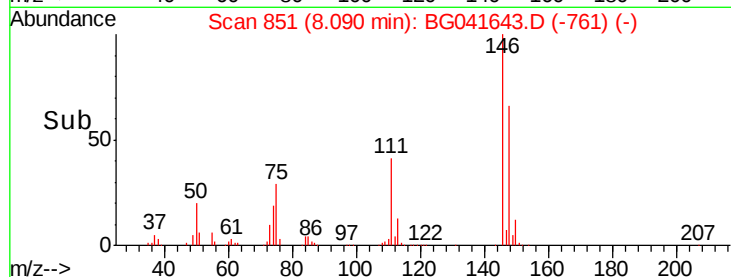
111 40.6 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.766 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

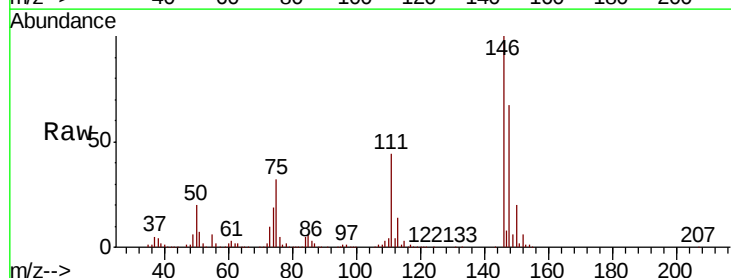
Tgt Ion:146 Resp: 449523

Ion Ratio Lower Upper

146 100

148 66.9 53.5 80.3

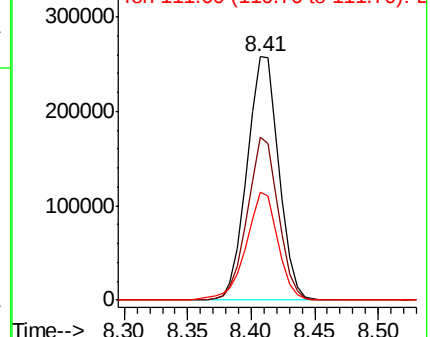
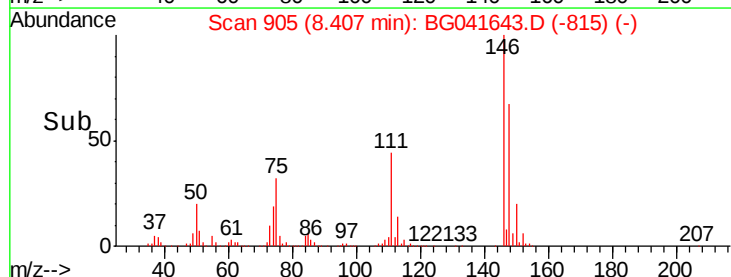
111 44.2 35.4 53.0

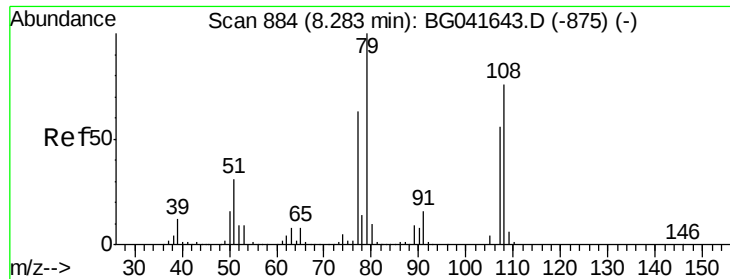


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

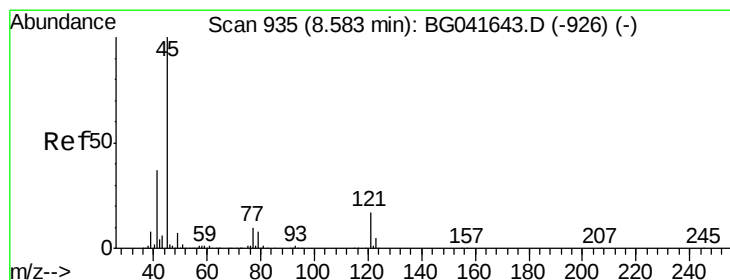
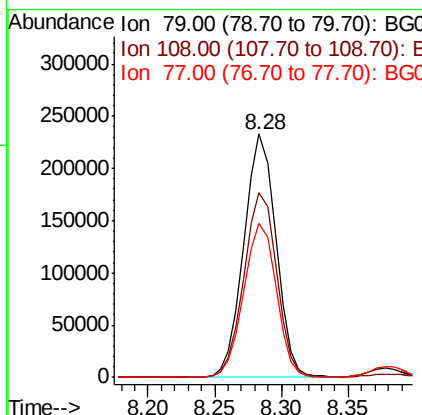
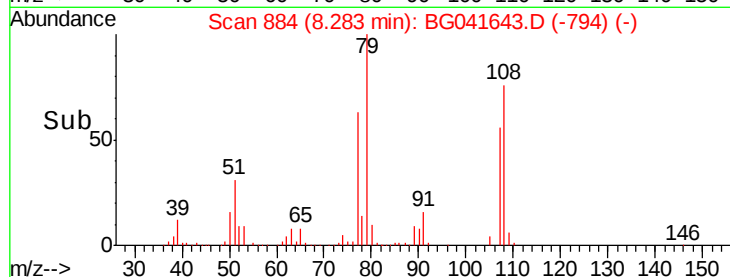
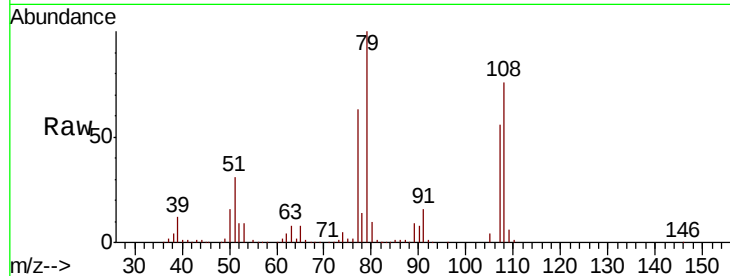




#15
Benzyl Alcohol
Concen: 38.444 ng
RT: 8.28 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

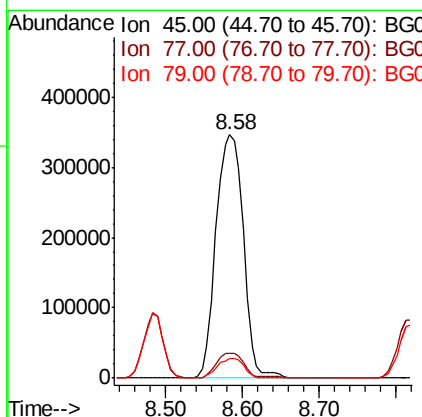
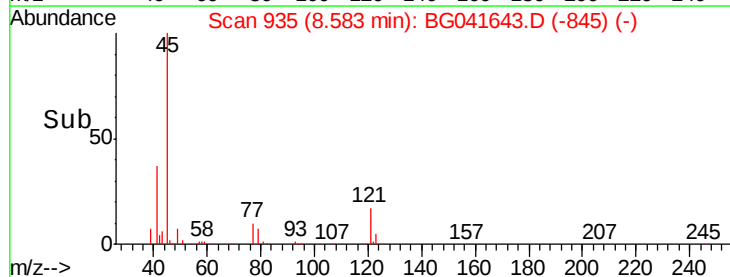
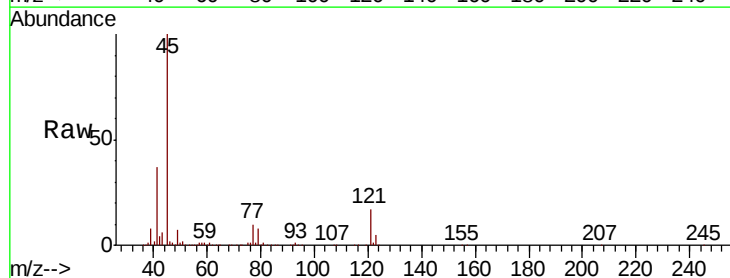
Instrument :
BNA_G
ClientSampleId :

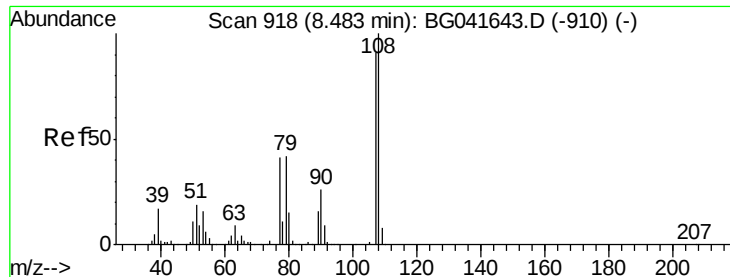
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.6	60.5	90.7
77	63.2	50.6	75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.537 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.4	0.0	30.4
79	7.9	0.0	27.9





#17

2-Methylphenol

Concen: 38.621 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 355429

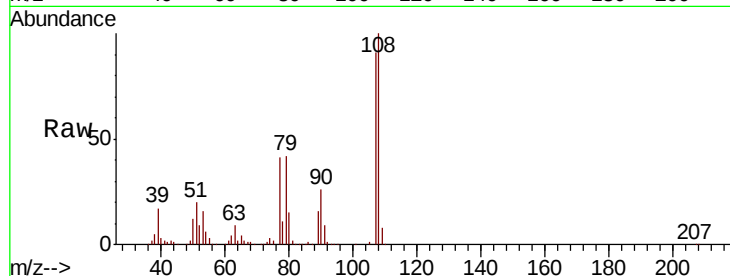
Ion Ratio Lower Upper

107 100

108 109.5 87.6 131.4

77 45.1 36.1 54.1

79 45.5 36.4 54.6

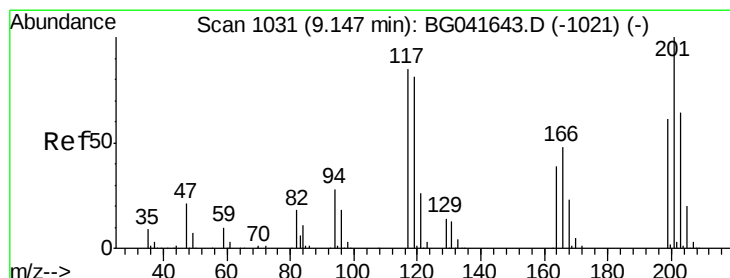
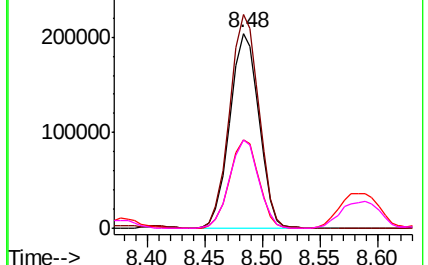
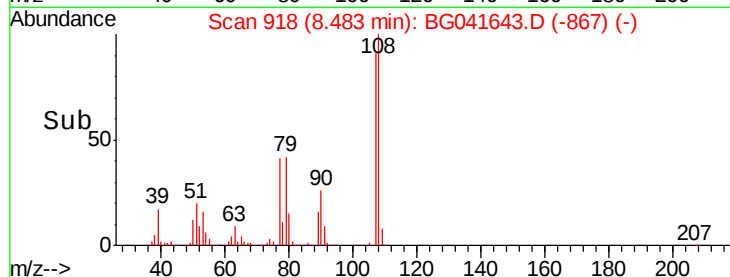


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 37.991 ng

RT: 9.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

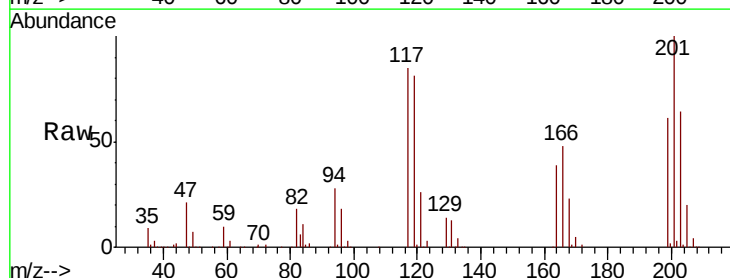
Tgt Ion:117 Resp: 176777

Ion Ratio Lower Upper

117 100

119 95.2 76.2 114.2

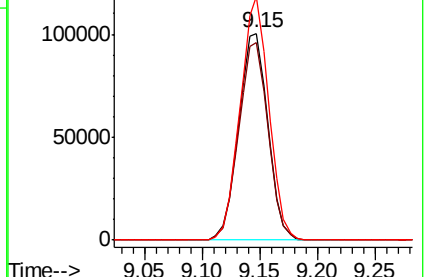
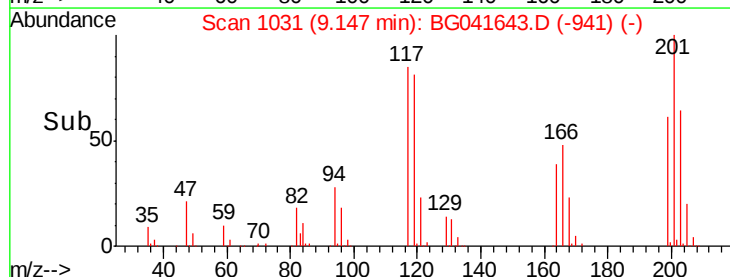
201 117.6 94.1 141.1

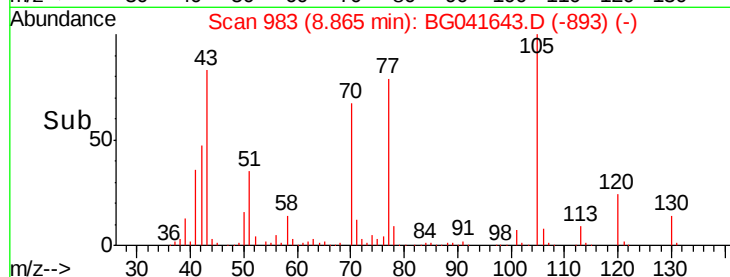
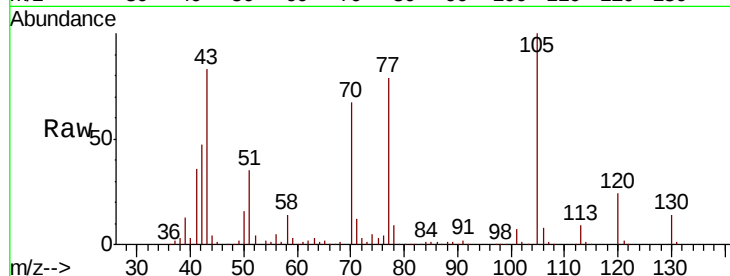
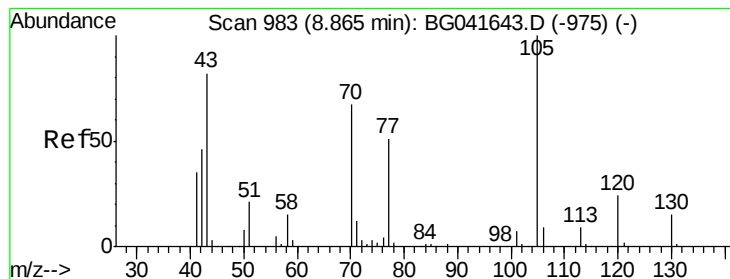


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.765 ng

RT: 8.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 354227

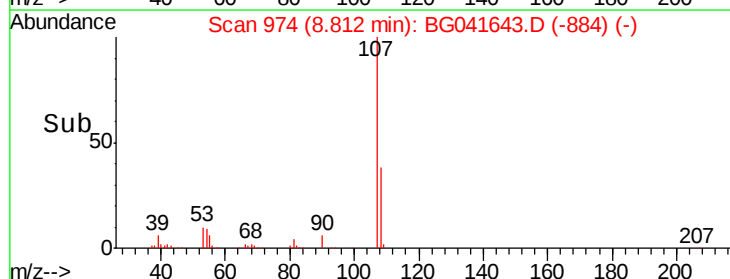
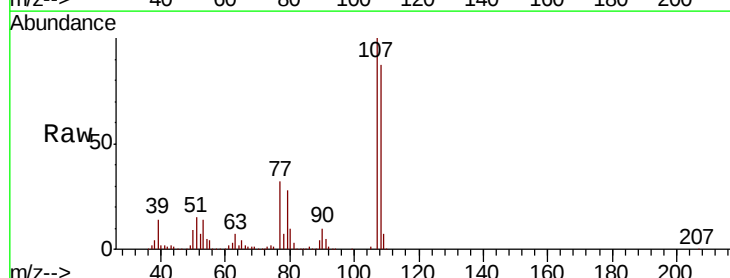
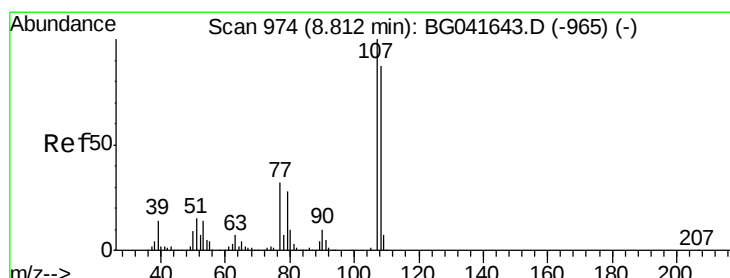
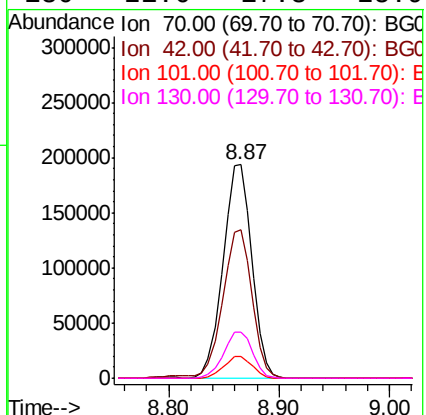
Ion Ratio Lower Upper

70 100

42 69.7 55.8 83.6

101 10.1 8.1 12.1

130 21.6 17.3 25.9



#20

3+4-Methylphenols

Concen: 38.215 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Tgt Ion: 107 Resp: 484168

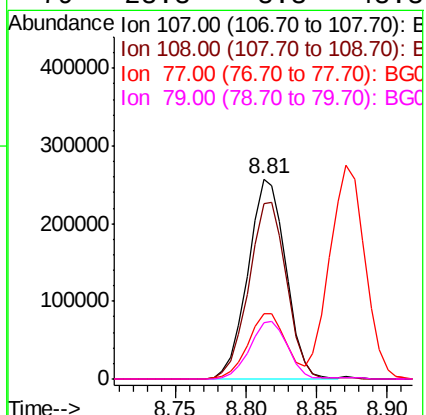
Ion Ratio Lower Upper

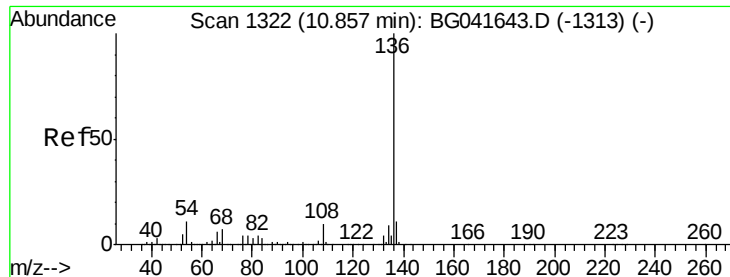
107 100

108 87.5 67.5 107.5

77 32.3 12.3 52.3

79 28.3 8.3 48.3

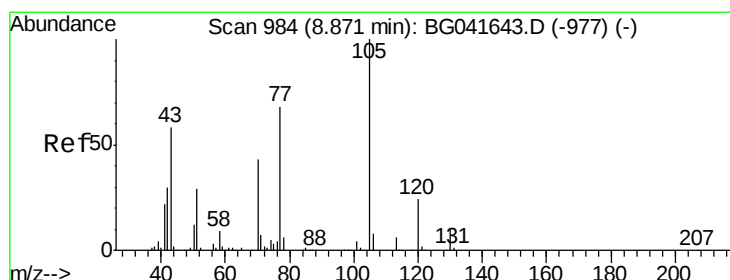
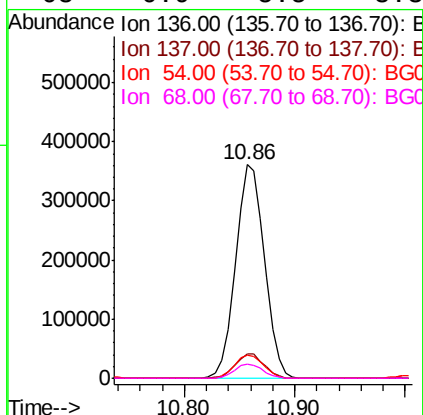
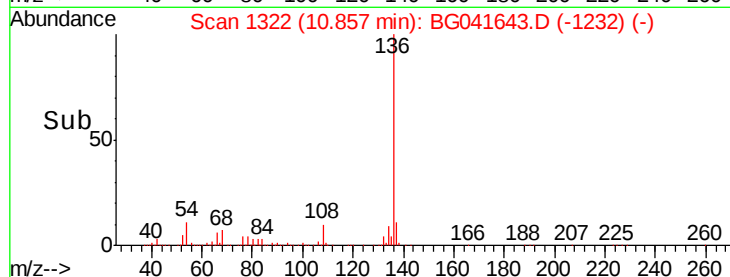
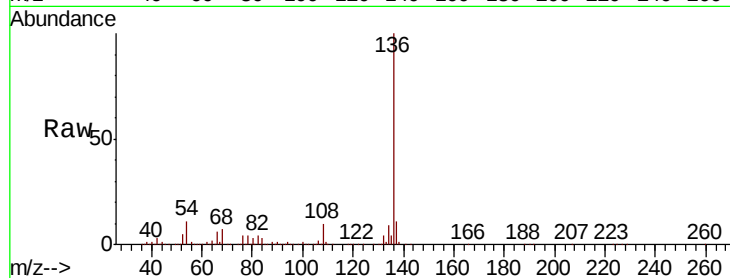




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

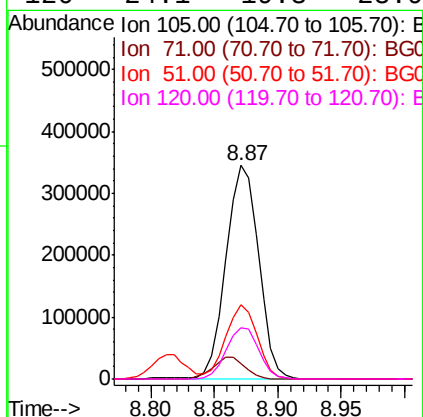
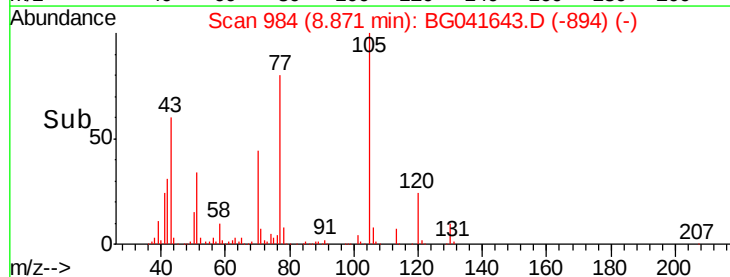
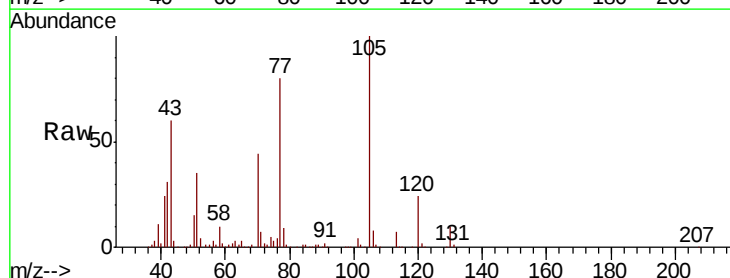
Instrument :
BNA_G
ClientSampled :

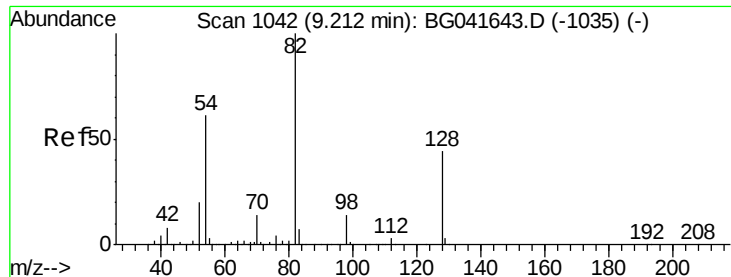
Tot Ion:136	Resp: 661466
Ion Ratio	Lower Upper
136 100	
137 11.5	9.2 13.8
54 10.9	8.7 13.1
68 6.9	5.5 8.3



#22
Acetophenone
Concen: 37.416 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:105	Resp: 612419
Ion Ratio	Lower Upper
105 100	
71 7.4	5.9 8.9
51 34.6	27.7 41.5
120 24.1	19.3 28.9

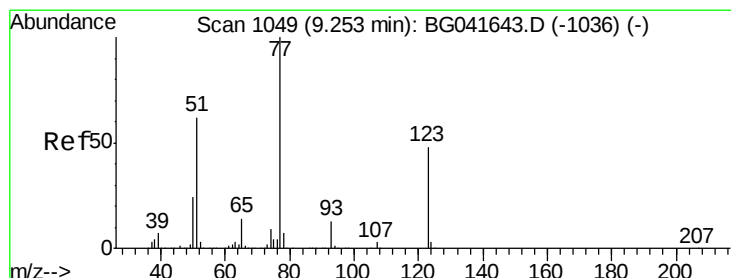
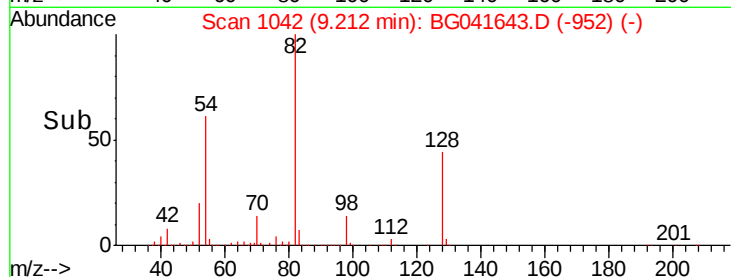
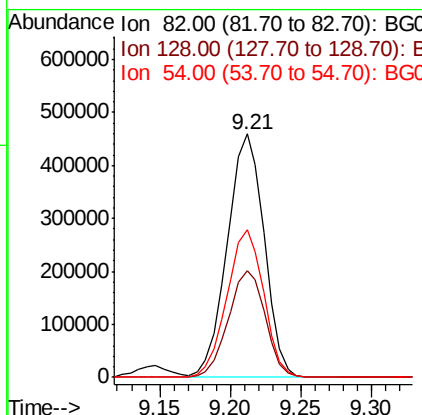
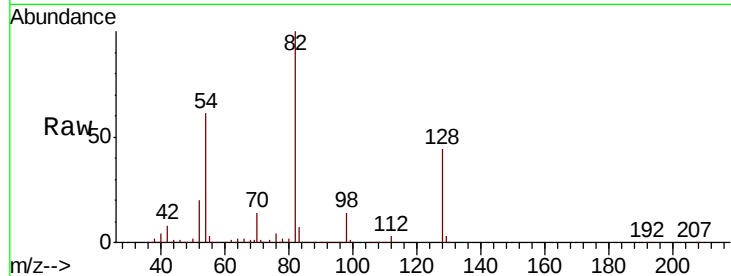




#23
Nitrobenzene-d5
Concen: 76.816 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

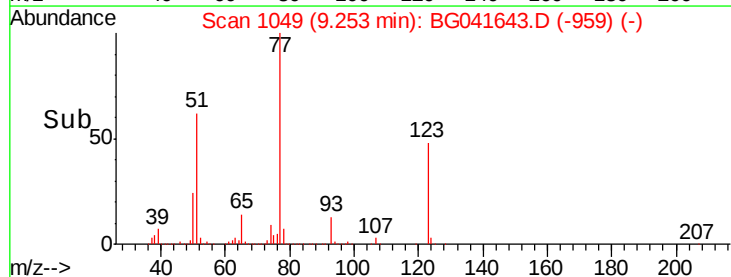
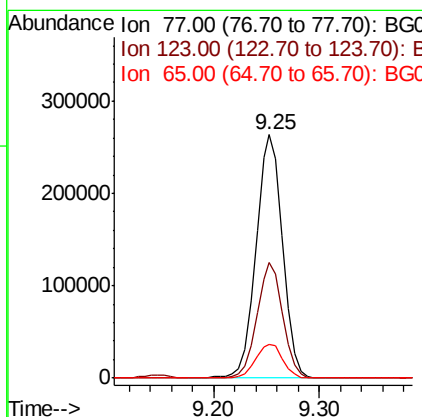
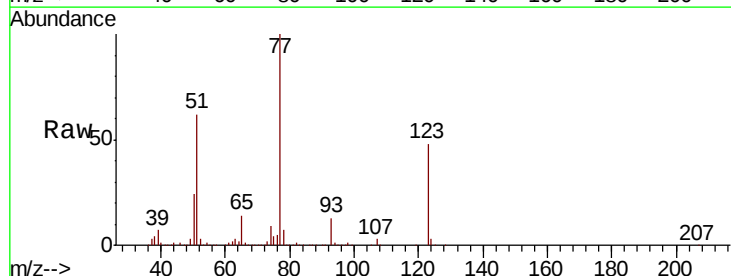
Instrument :
BNA_G
ClientSampleId :

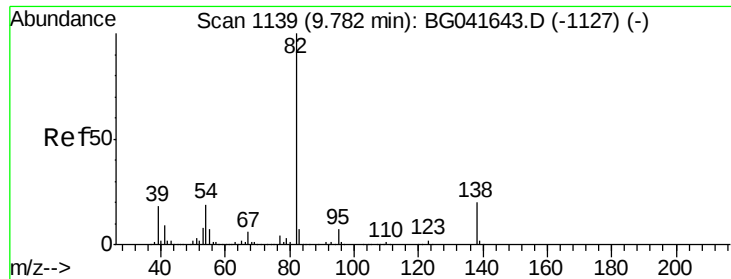
Tot Ion: 82 Resp: 833732
Ion Ratio Lower Upper
82 100
128 43.9 35.1 52.7
54 60.9 48.7 73.1



#24
Nitrobenzene
Concen: 40.615 ng
RT: 9.25 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion: 77 Resp: 460376
Ion Ratio Lower Upper
77 100
123 47.6 38.1 57.1
65 13.8 11.0 16.6





#25

Isophorone

Concen: 38.493 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

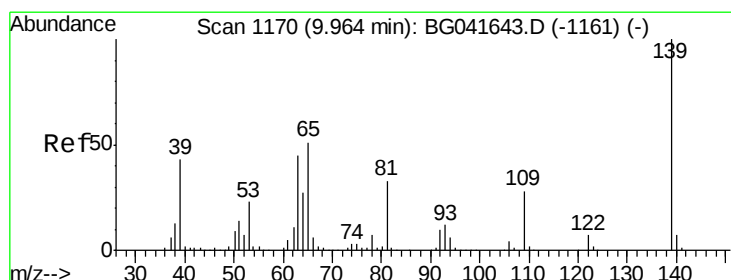
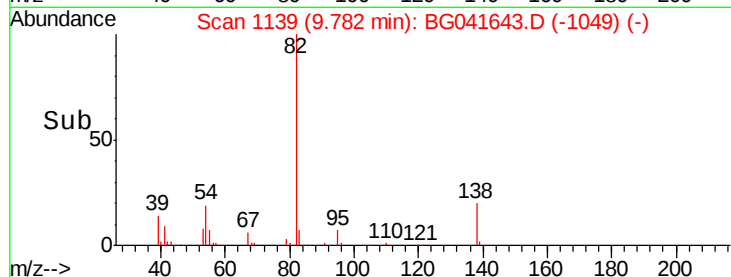
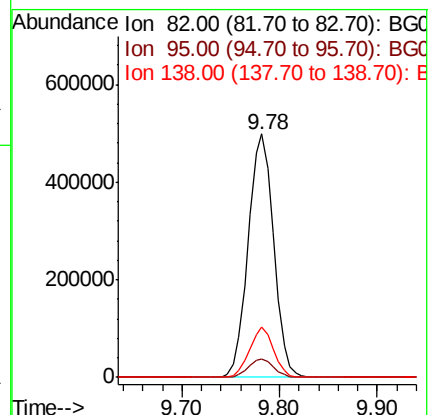
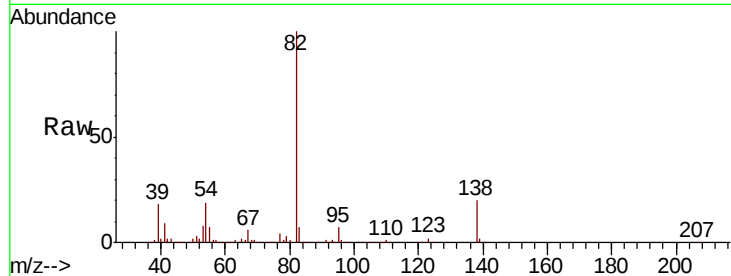
Tot Ion: 82 Resp: 909783

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

138 20.4 16.3 24.5



#26

2-Nitrophenol

Concen: 40.418 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

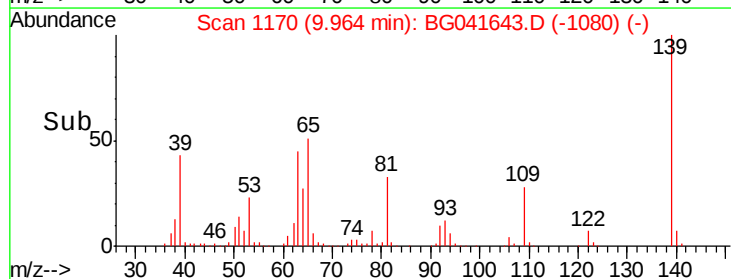
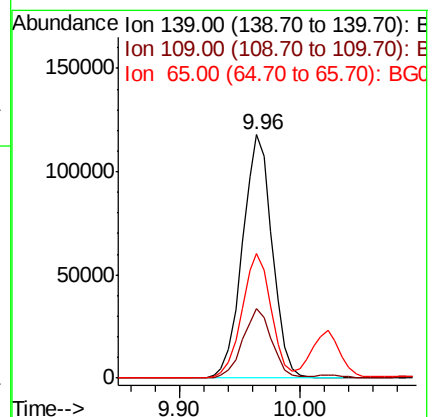
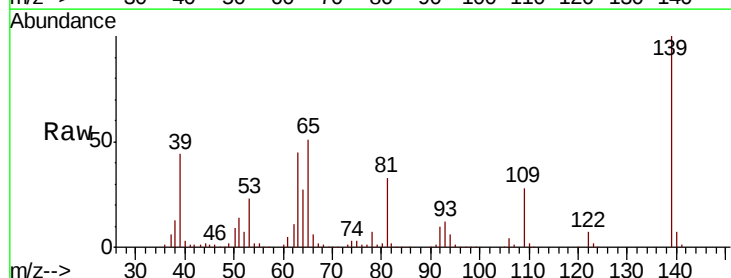
Tgt Ion: 139 Resp: 201693

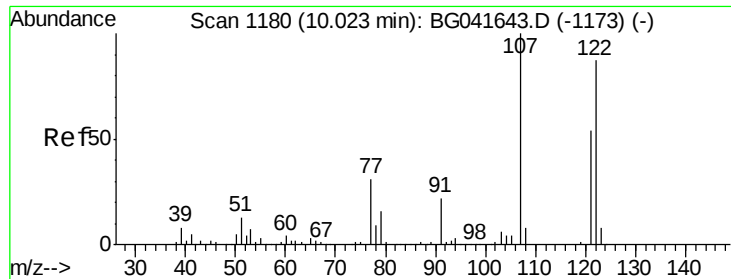
Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

65 51.4 41.1 61.7

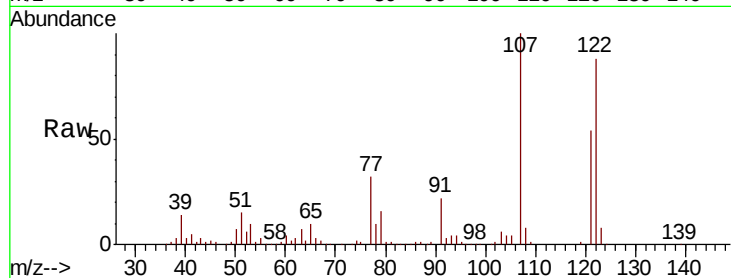




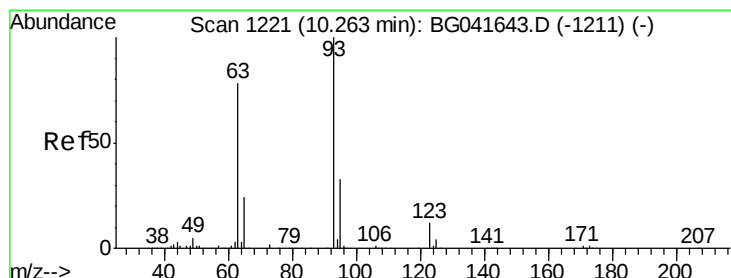
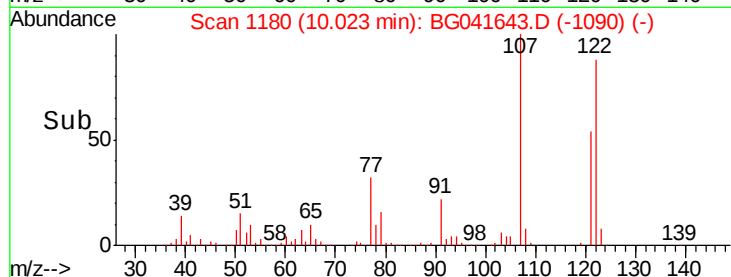
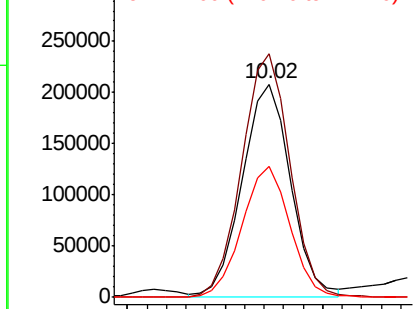
#27
 2,4-Dimethylphenol
 Concen: 37.939 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 356729
 Ion Ratio Lower Upper
 122 100
 107 114.1 91.3 136.9
 121 61.5 49.2 73.8

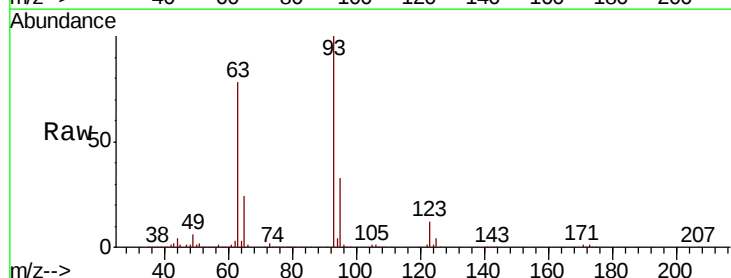


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

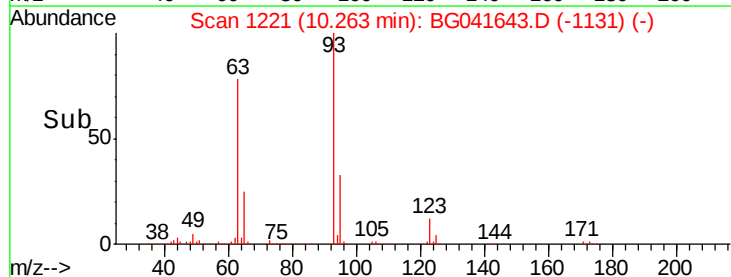
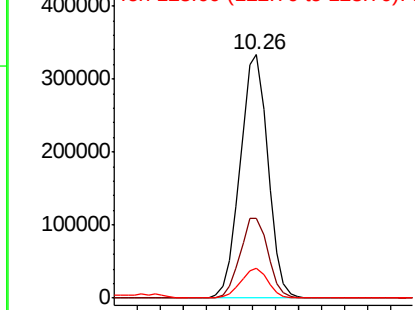


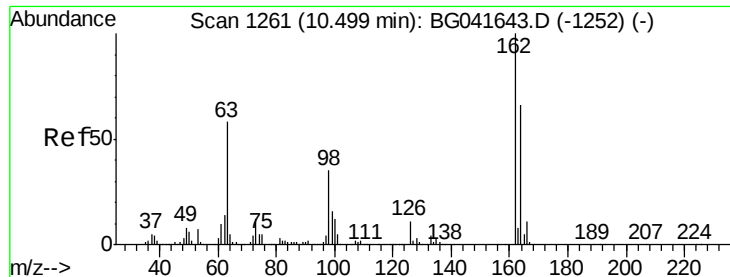
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.989 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Tgt Ion: 93 Resp: 557140
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 12.4 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

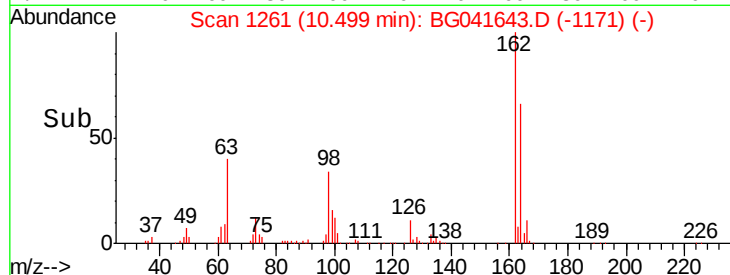
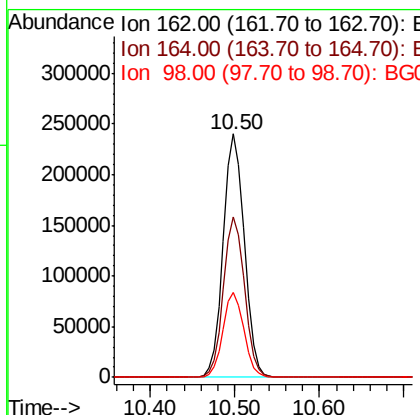
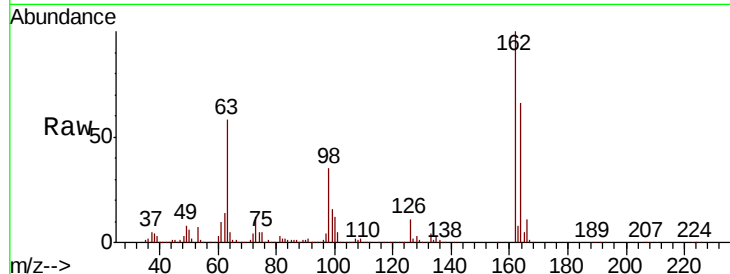




#29
 2,4-Dichlorophenol
 Concen: 38.239 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

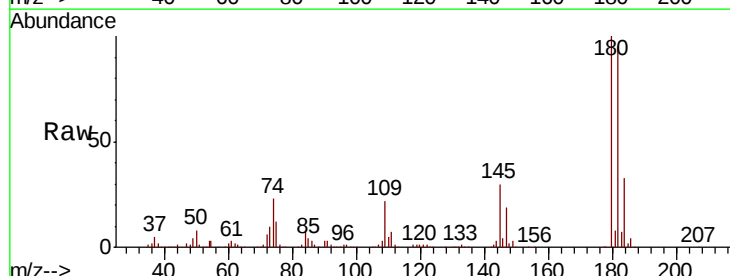
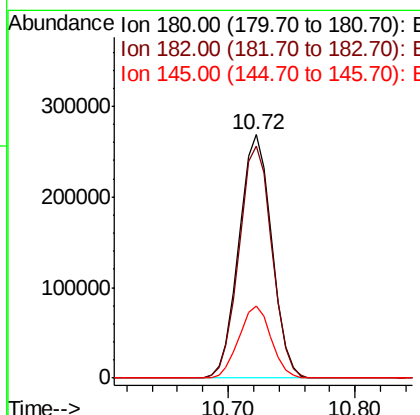
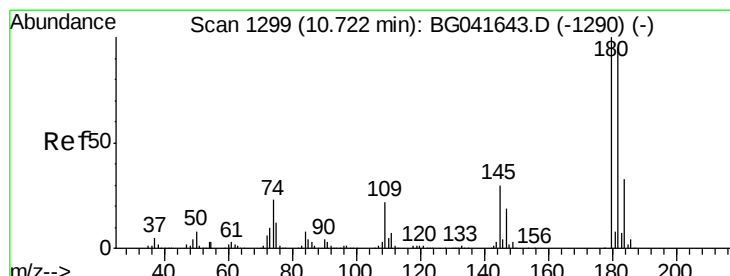
Instrument :
 BNA_G
 ClientSampleId :

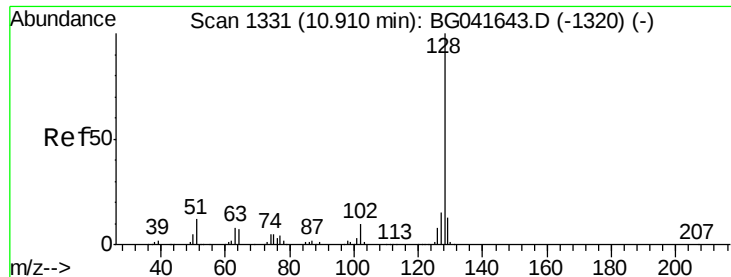
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.1	86.1
98	34.7	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 38.007 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	29.8	23.8	35.8

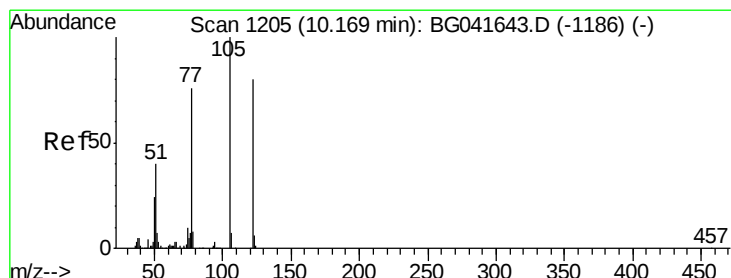
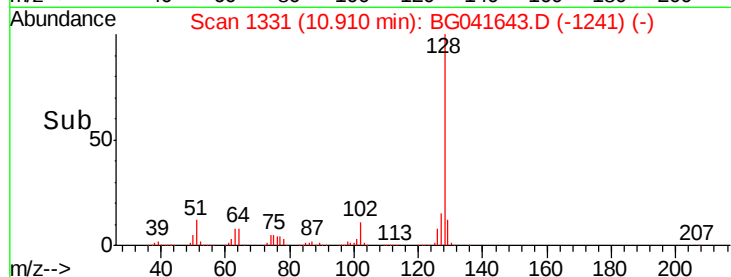
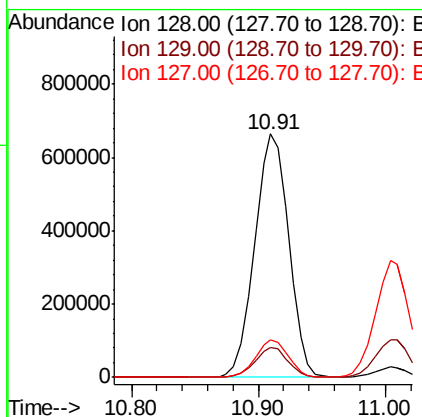
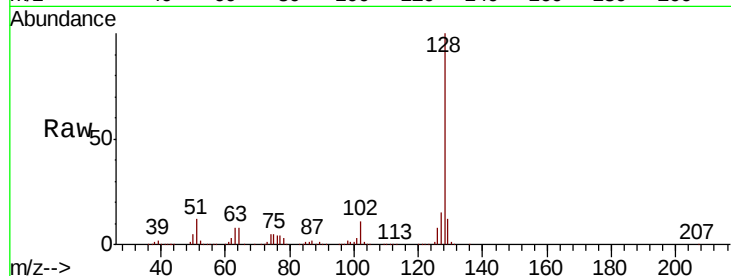




#31
Naphthalene
Concen: 38.292 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

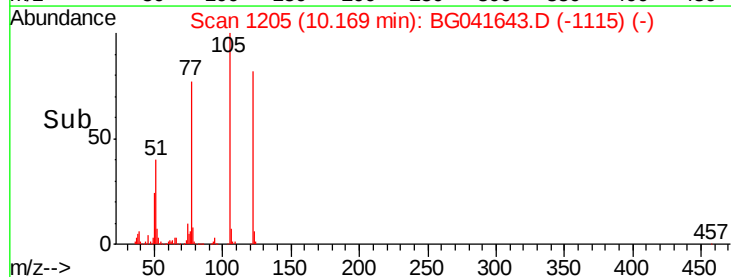
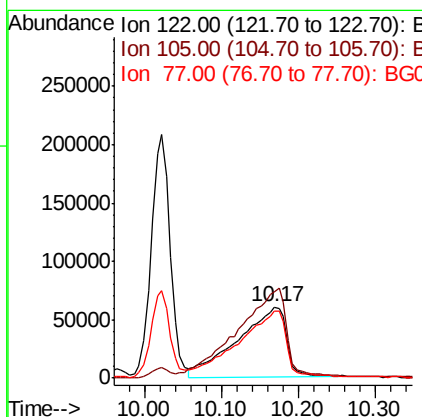
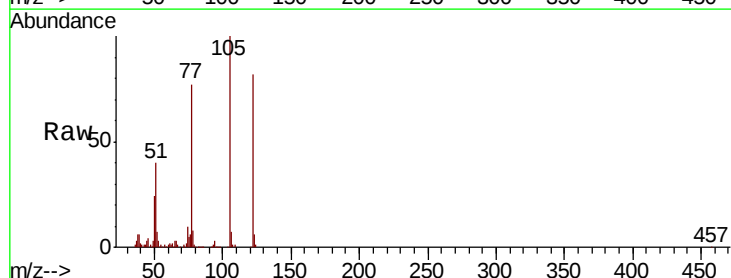
Instrument :
BNA_G
ClientSampleId :

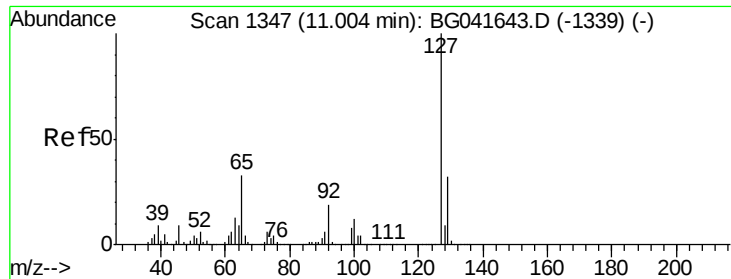
Tot Ion:128 Resp: 1236903
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 15.4 12.3 18.5



#32
Benzoic acid
Concen: 38.013 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:122 Resp: 262608
Ion Ratio Lower Upper
122 100
105 121.5 101.5 141.5
77 93.0 73.0 113.0

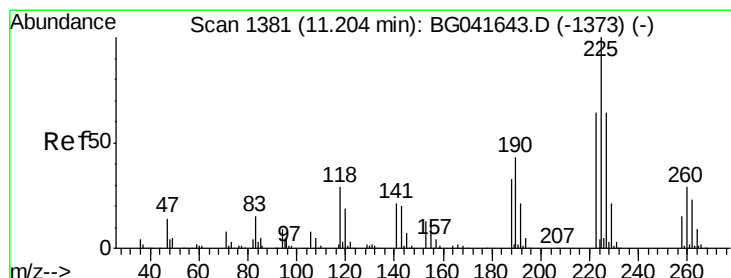
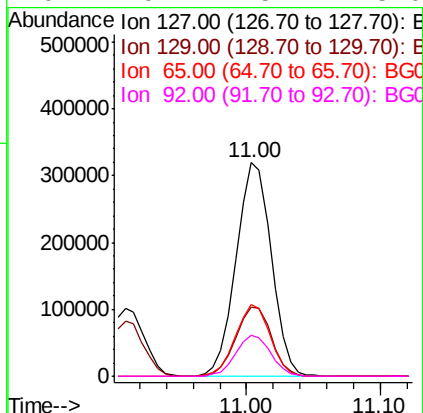
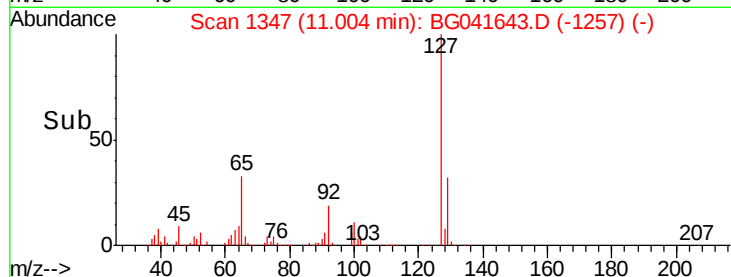
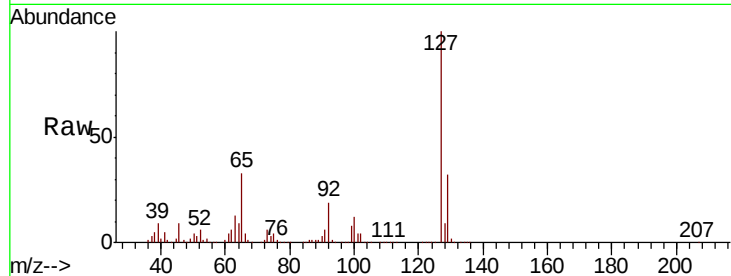




#33
4-Chloroaniline
Concen: 37.647 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

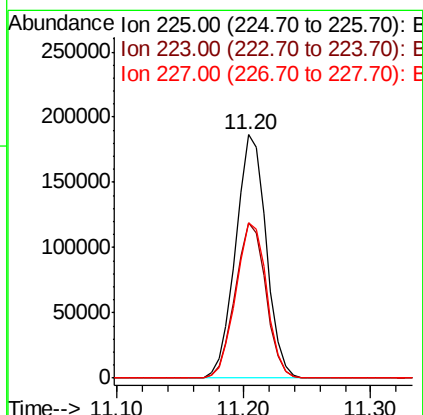
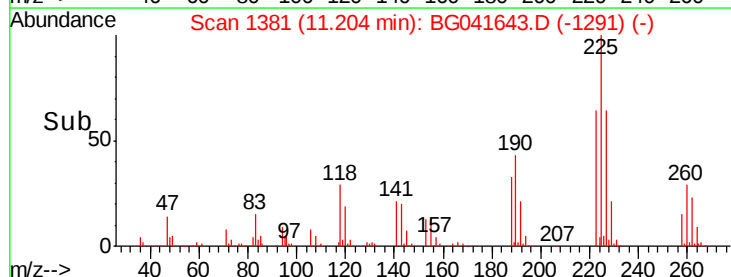
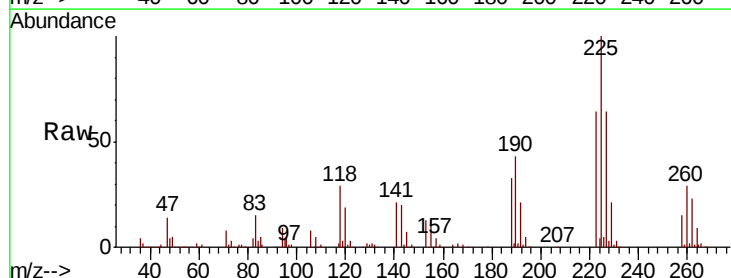
Instrument :
BNA_G
ClientSampleId :

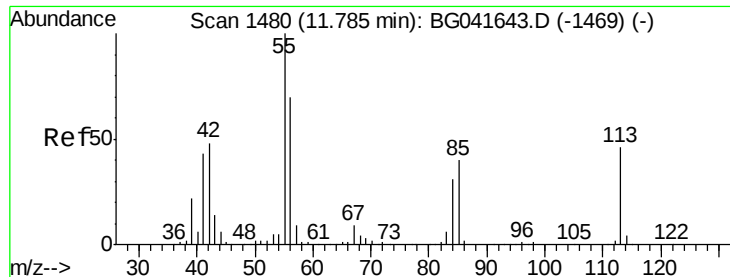
Tot Ion:127	Resp:	584458
Ion Ratio	Lower	Upper
127	100	
129	32.3	25.8 38.8
65	33.4	26.7 40.1
92	19.2	15.4 23.0



#34
Hexachlorobutadiene
Concen: 37.915 ng
RT: 11.20 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:225	Resp:	311051
Ion Ratio	Lower	Upper
225	100	
223	63.9	51.1 76.7
227	63.6	50.9 76.3





#35

Caprolactam

Concen: 37.153 ng

RT: 11.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

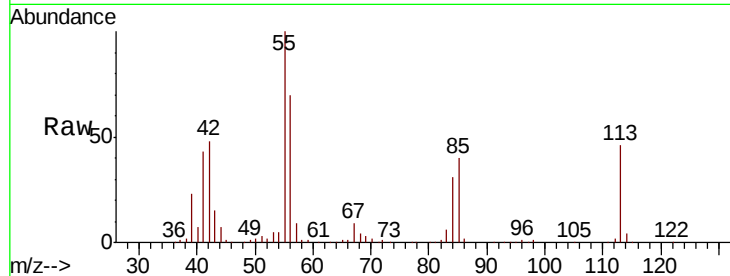
Tot Ion:113 Resp: 154078

Ion Ratio Lower Upper

113 100

55 219.4 199.4 239.4

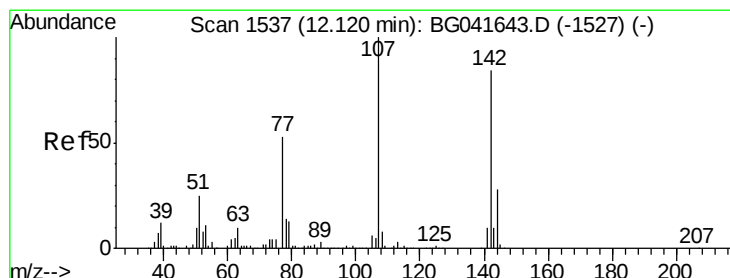
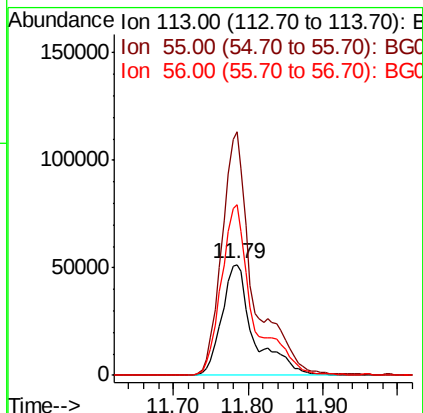
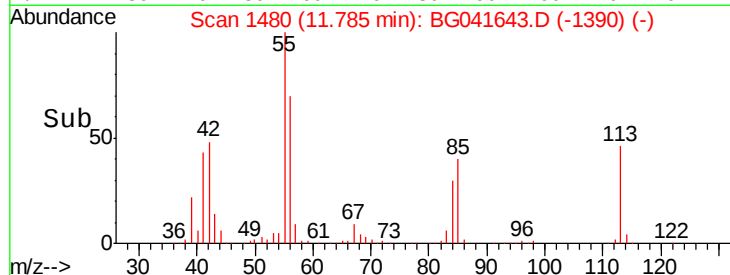
56 153.6 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 38.681 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

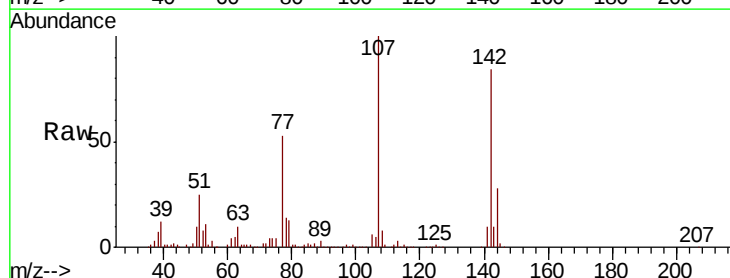
Tgt Ion:107 Resp: 437310

Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.2

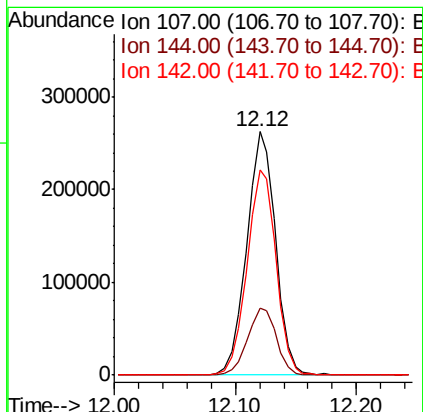
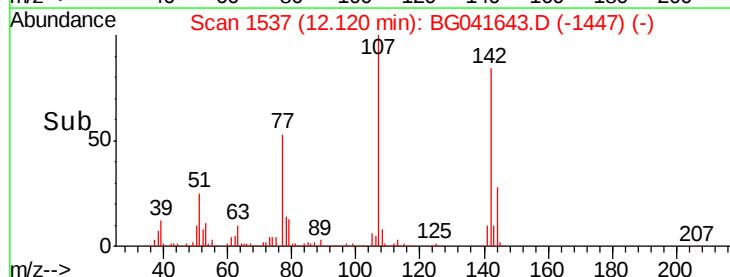
142 84.1 67.3 100.9

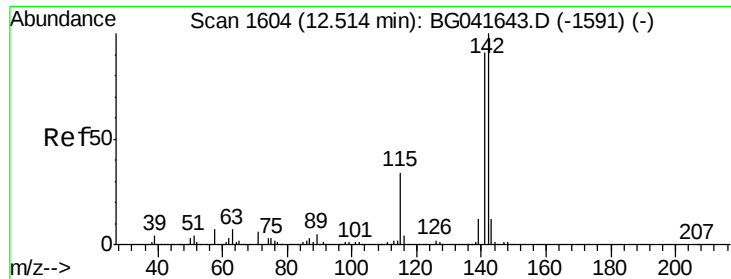


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

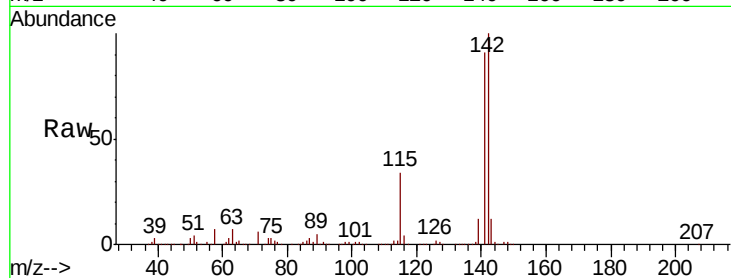




#37
2-Methylnaphthalene
Concen: 38.731 ng
RT: 12.51 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
115	33.7	27.0	40.4

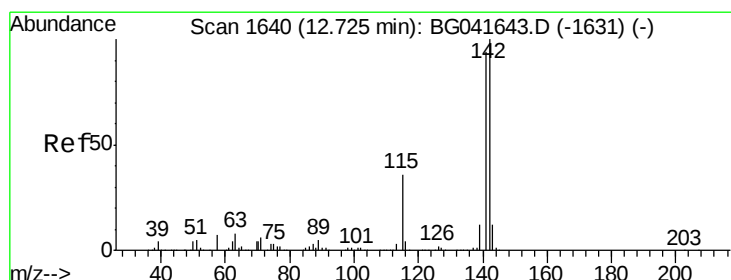
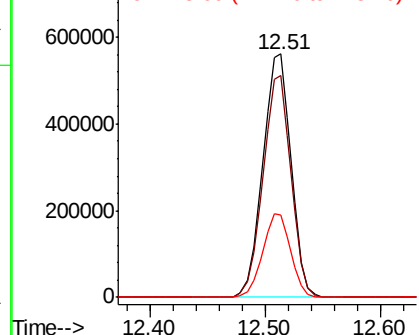
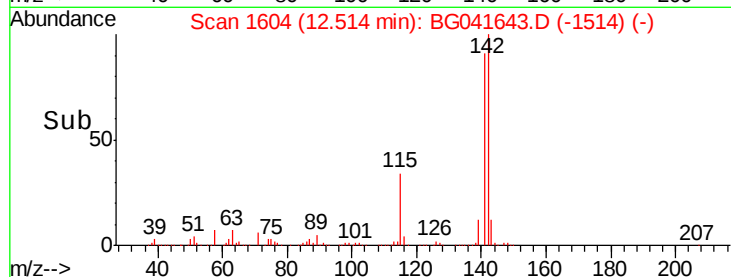


Abundance

Ion 142.00 (141.70 to 142.70): E

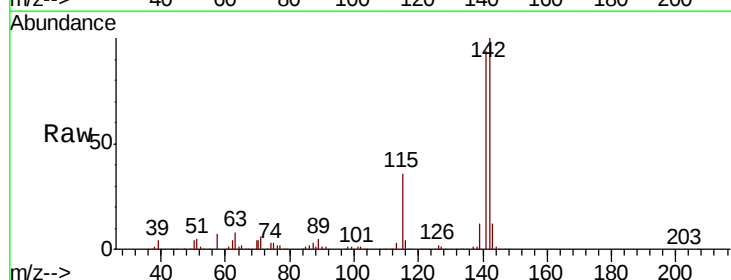
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.502 ng
RT: 12.73 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.4	113.2
116	4.0	3.2	4.8

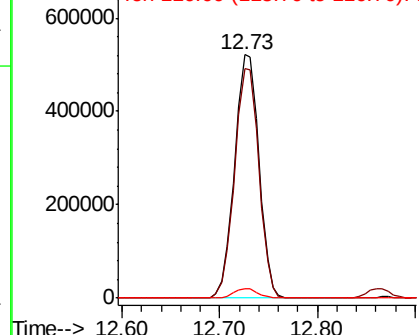
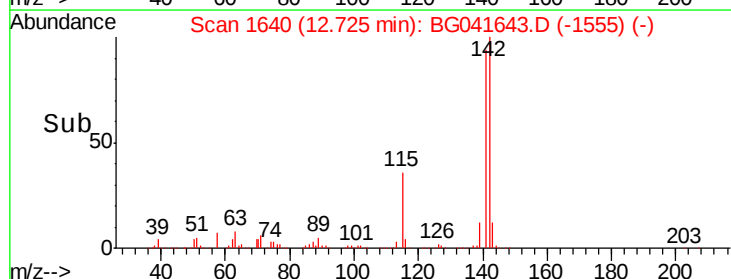


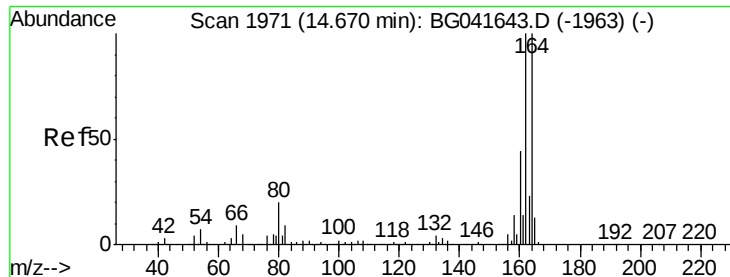
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

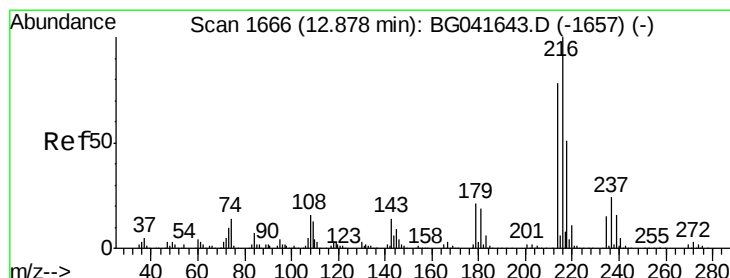
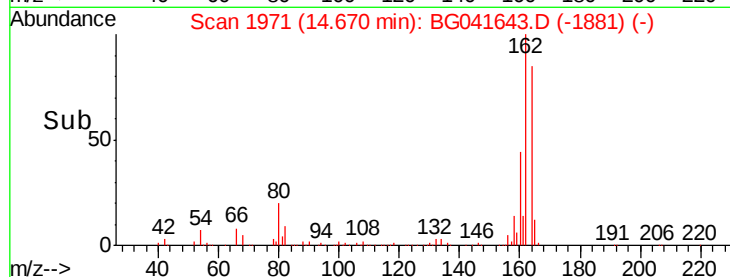
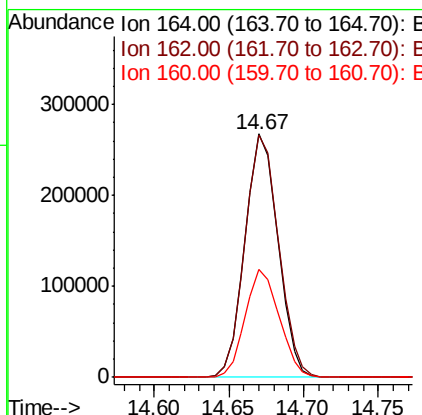
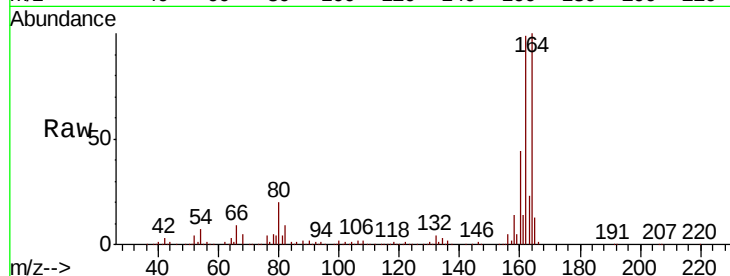




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

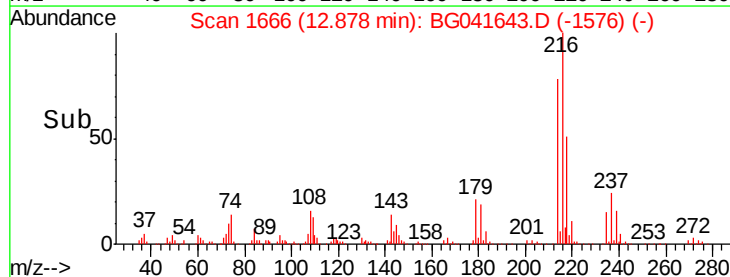
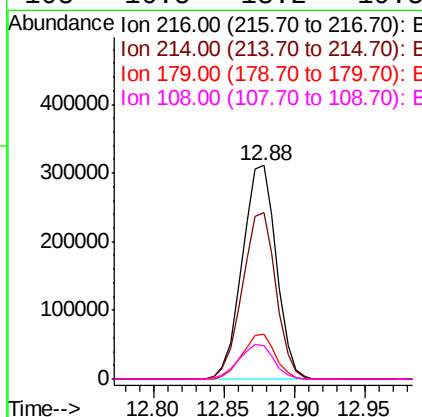
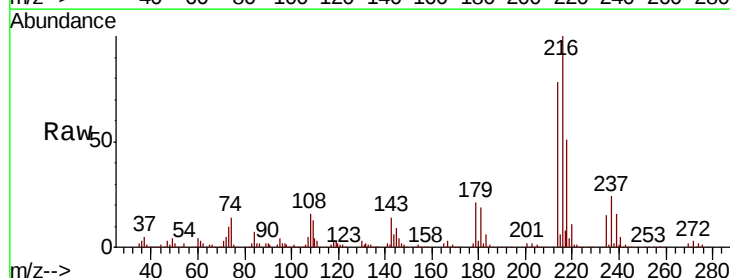
Instrument :
 BNA_G
 ClientSampleId :

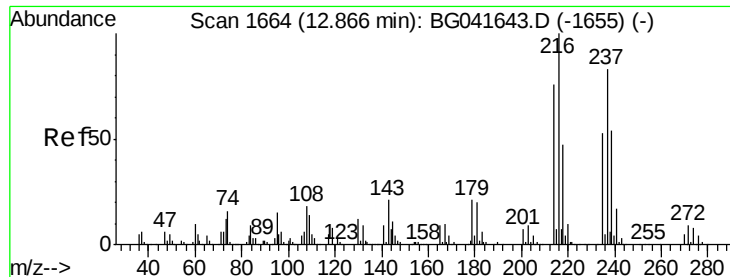
Tot Ion:164 Resp: 409798
 Ion Ratio Lower Upper
 164 100
 162 99.5 79.6 119.4
 160 44.2 35.4 53.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.849 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Tgt Ion:216 Resp: 525542
 Ion Ratio Lower Upper
 216 100
 214 76.9 61.5 92.3
 179 20.2 16.2 24.2
 108 16.5 13.2 19.8





#41

Hexachlorocyclopentadiene

Concen: 36.136 ng

RT: 12.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

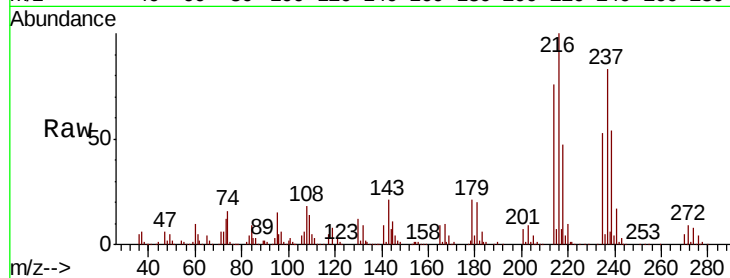
Tot Ion:237 Resp: 307442

Ion Ratio Lower Upper

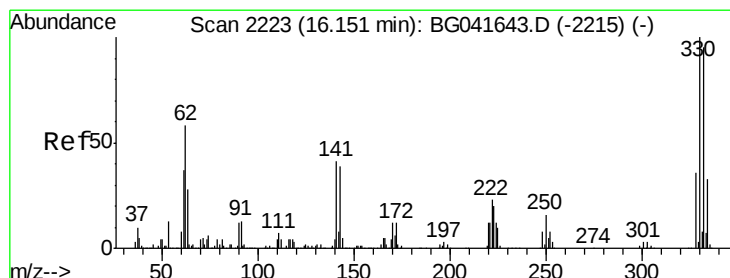
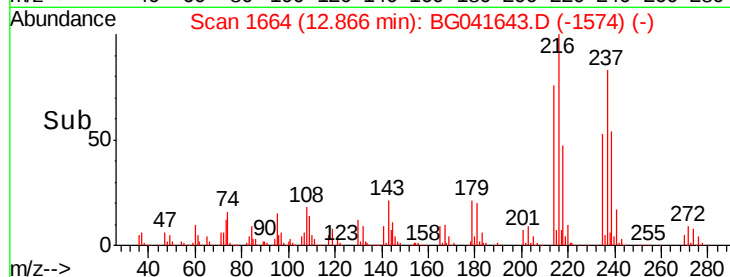
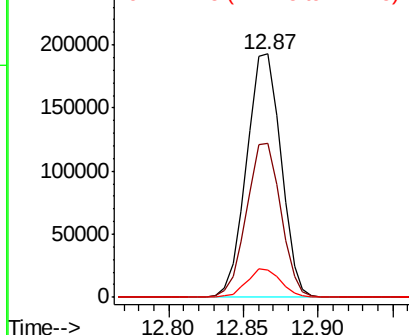
237 100

235 63.5 43.5 83.5

272 11.2 0.0 31.2



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: 78.288 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

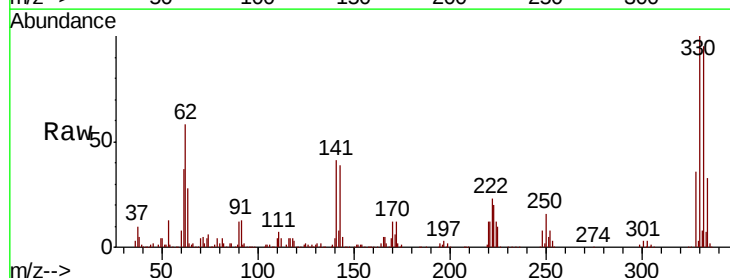
Tgt Ion:330 Resp: 366868

Ion Ratio Lower Upper

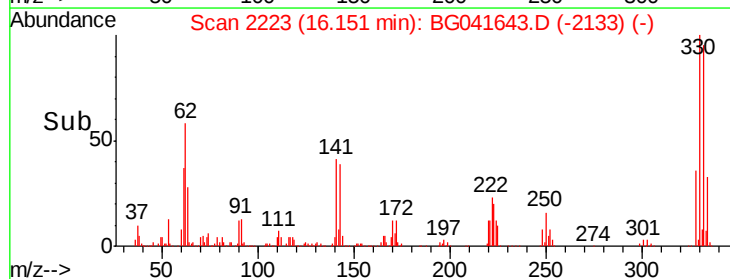
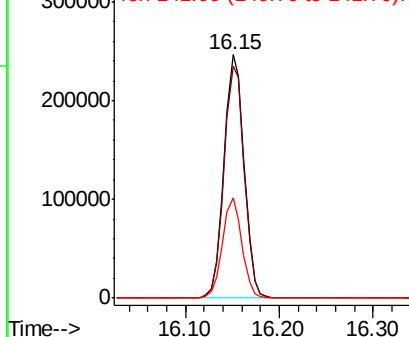
330 100

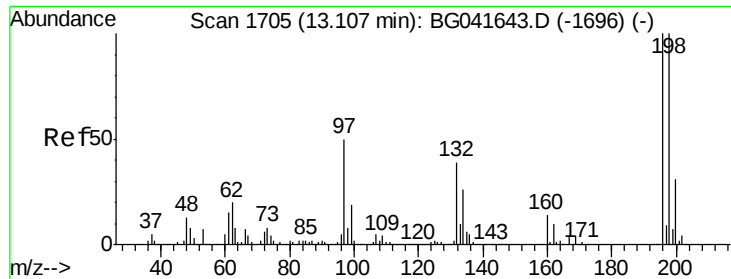
332 96.7 77.4 116.0

141 39.9 31.9 47.9



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

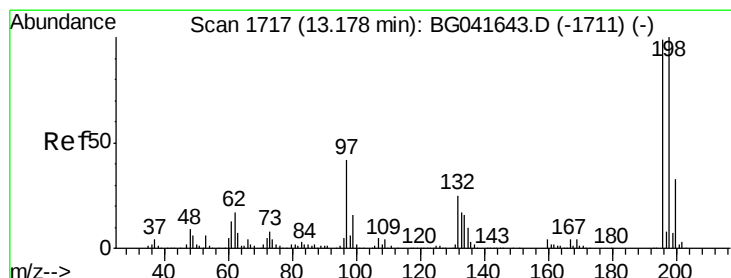
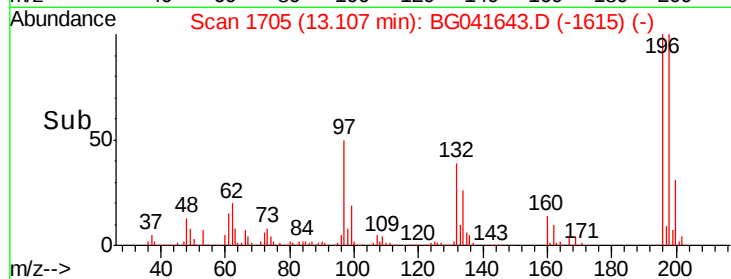
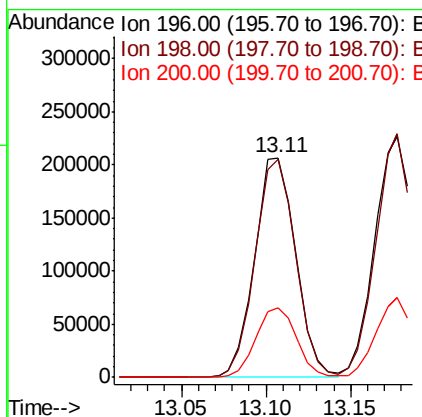
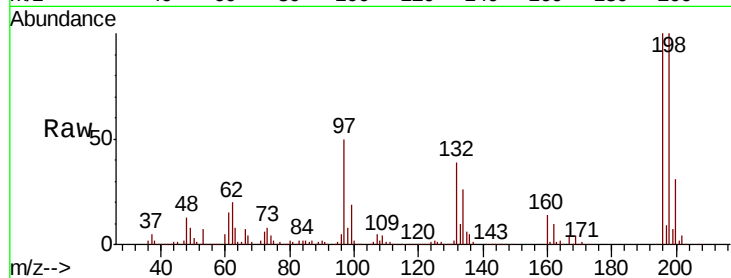




#43
 2,4,6-Trichlorophenol
 Concen: 38.333 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

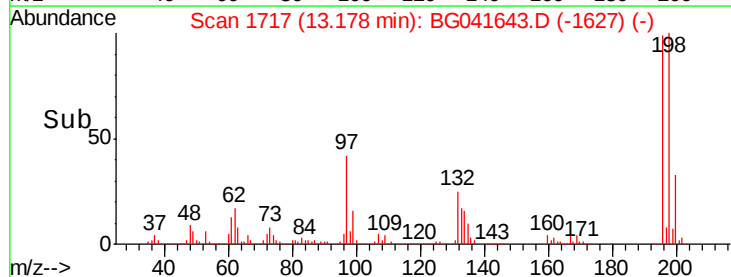
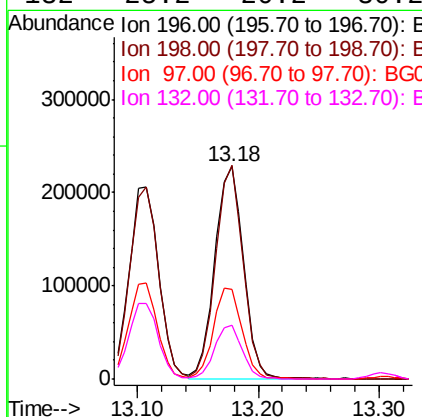
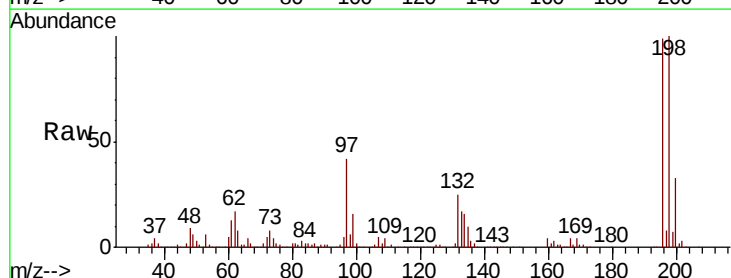
Instrument :
 BNA_G
 ClientSampleId :

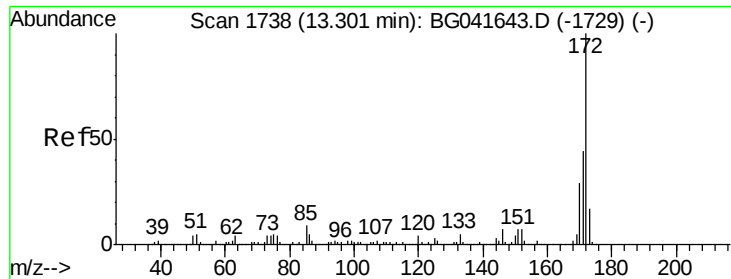
Tot Ion:196 Resp: 349444
 Ion Ratio Lower Upper
 196 100
 198 99.5 79.6 119.4
 200 31.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.916 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Tgt Ion:196 Resp: 371607
 Ion Ratio Lower Upper
 196 100
 198 100.8 80.6 121.0
 97 42.4 33.9 50.9
 132 25.2 20.2 30.2

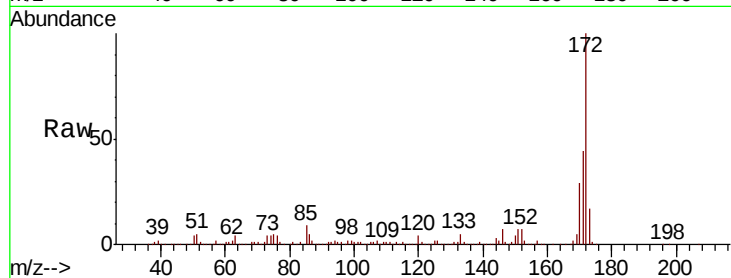




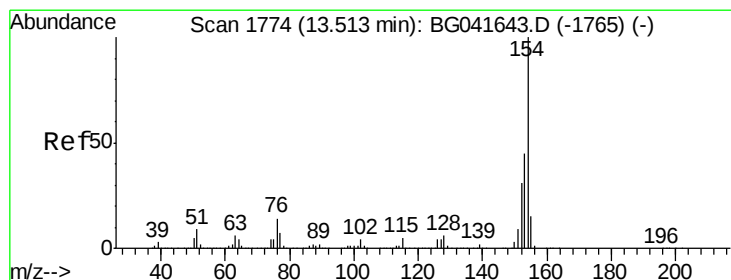
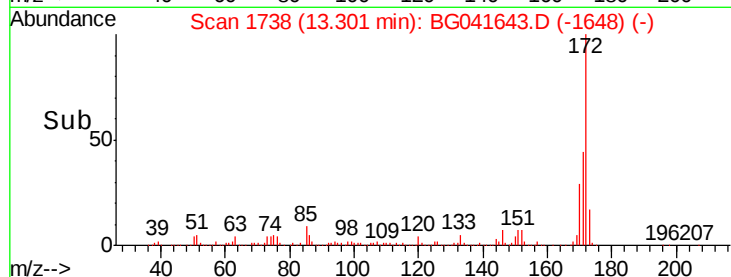
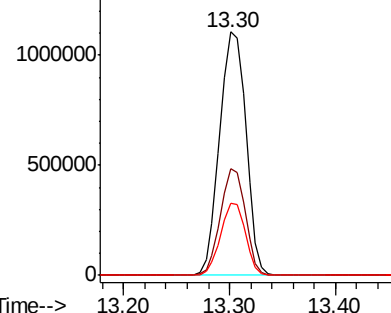
#45
2-Fluorobiphenyl
Concen: 73.018 ng
RT: 13.30 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1903299
Ion Ratio Lower Upper
172 100
171 43.7 35.0 52.4
170 29.4 23.5 35.3

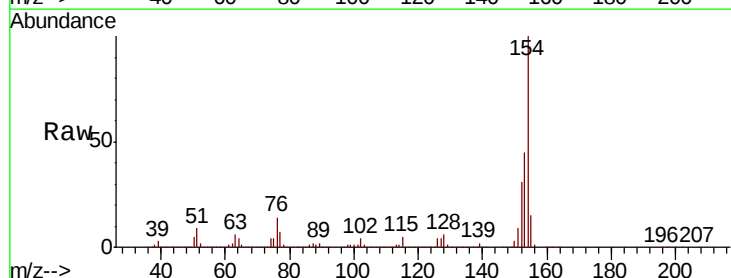


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

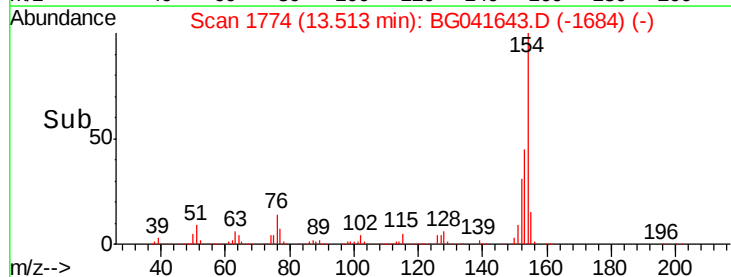
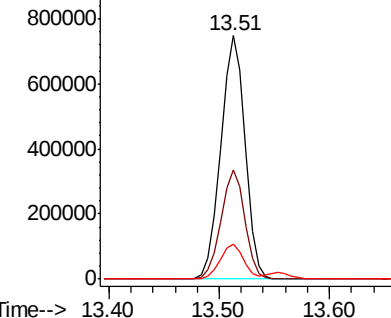


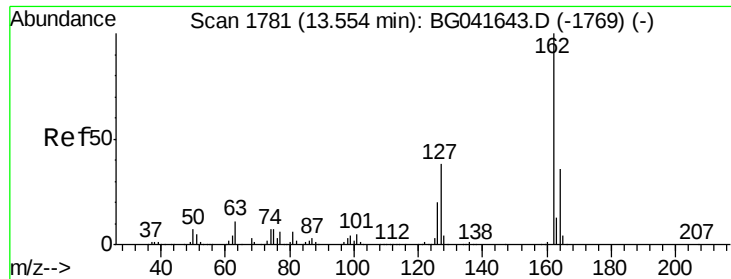
#46
1,1'-Biphenyl
Concen: 38.019 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:154 Resp: 1151275
Ion Ratio Lower Upper
154 100
153 45.0 25.0 65.0
76 14.5 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E
1000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 38.409 ng

RT: 13.55 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

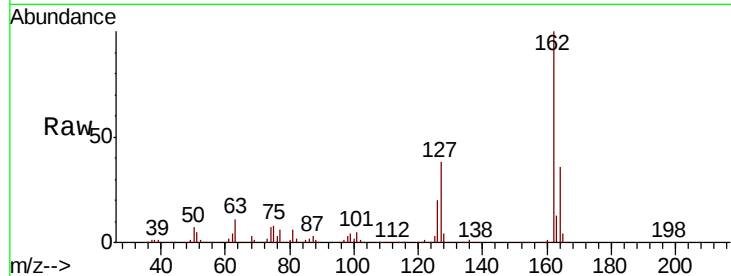
Tot Ion:162 Resp: 968660

Ion Ratio Lower Upper

162 100

127 38.0 30.4 45.6

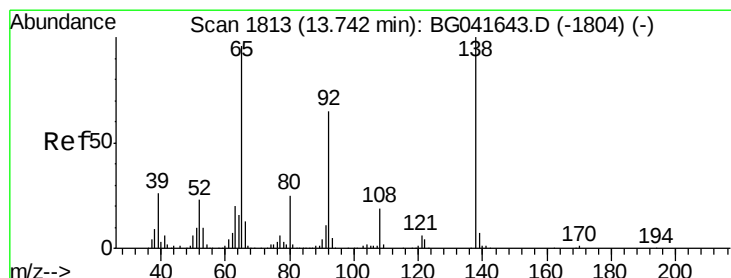
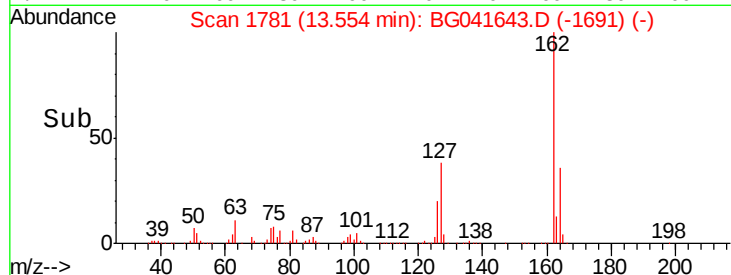
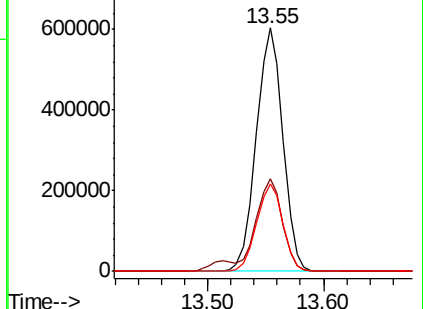
164 35.7 28.6 42.8



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: 42.721 ng

RT: 13.74 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

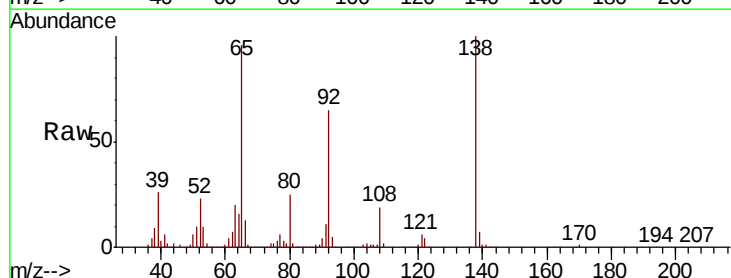
Tgt Ion: 65 Resp: 298191

Ion Ratio Lower Upper

65 100

92 67.4 53.9 80.9

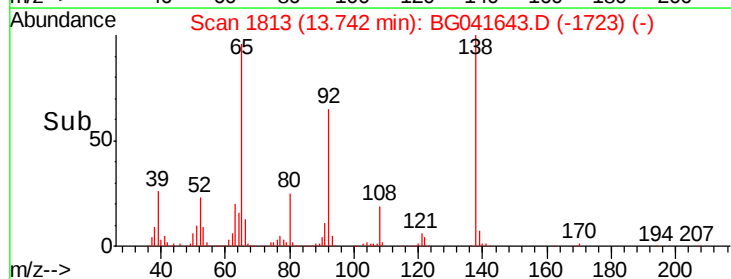
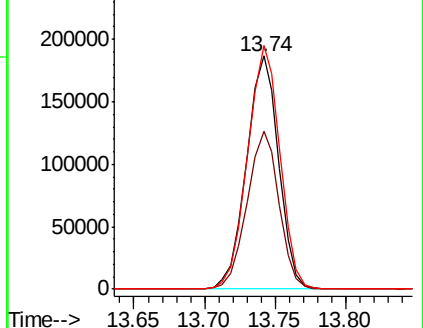
138 104.4 83.5 125.3

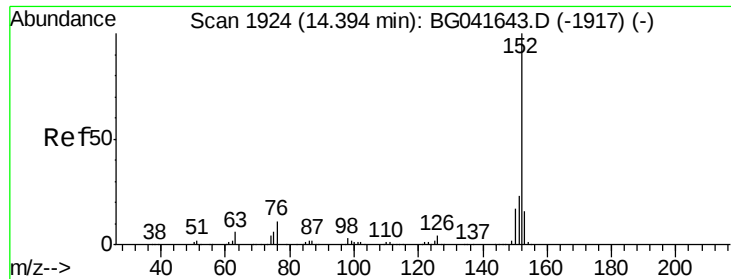


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.648 ng

RT: 14.39 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

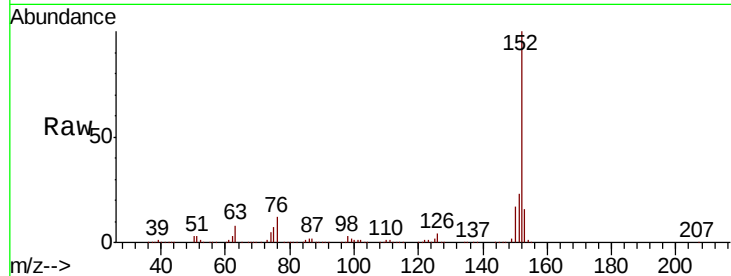
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1484380

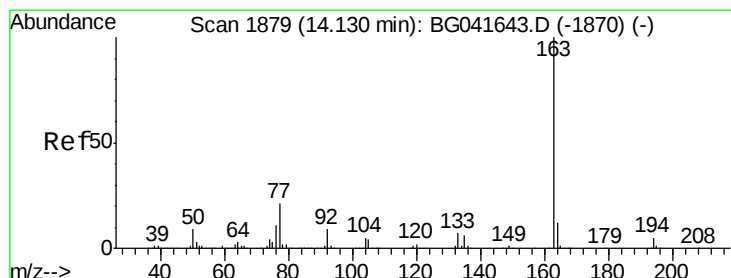
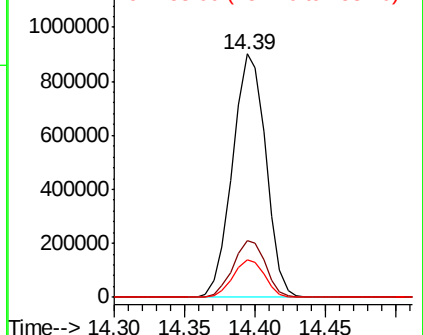
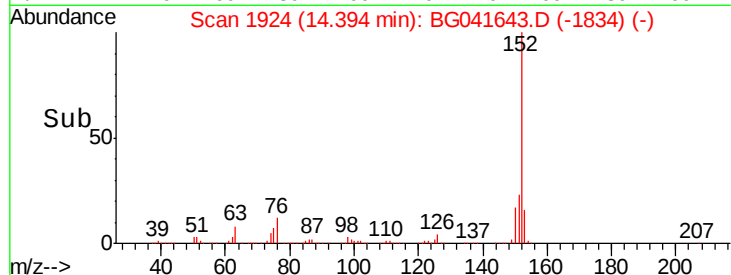
Ion	Ratio	Lower	Upper
152	100		
151	23.4	18.7	28.1
153	15.5	12.4	18.6



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: 38.046 ng

RT: 14.13 min Scan# 1879

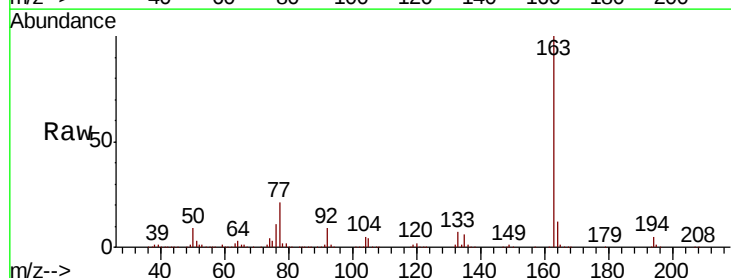
Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Tgt Ion:163 Resp: 1221649

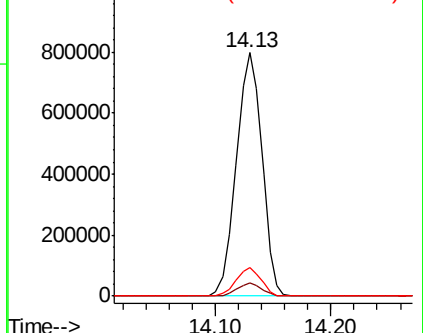
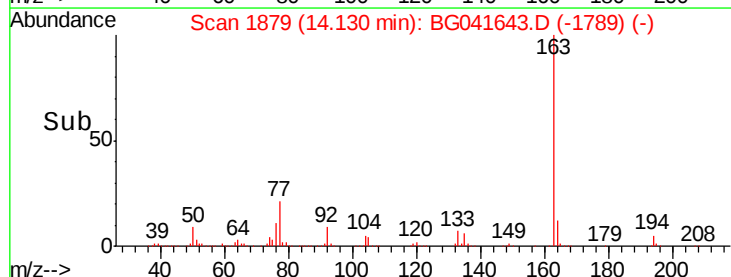
Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	11.8	9.4	14.2

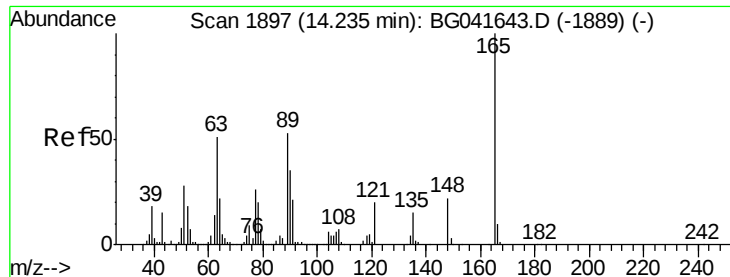


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

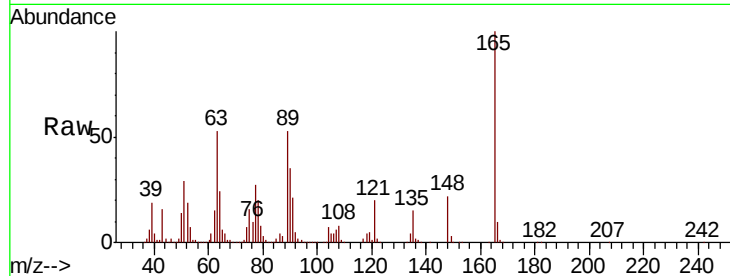




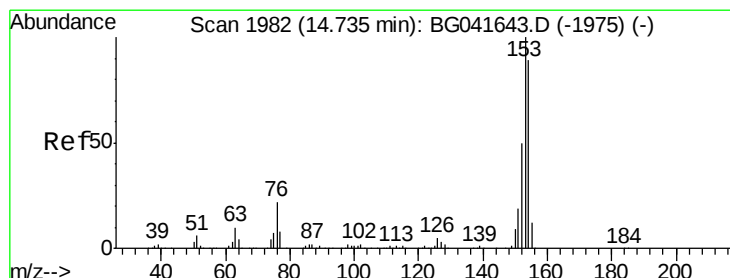
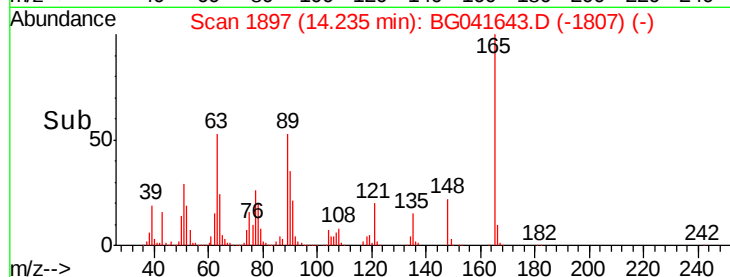
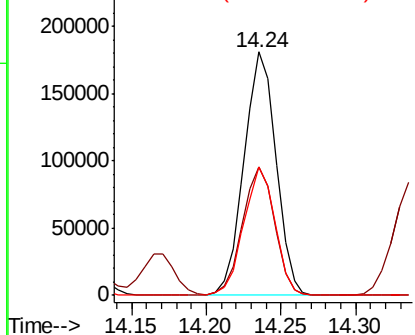
#51
 2,6-Dinitrotoluene
 Concen: 41.814 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 267828
 Ion Ratio Lower Upper
 165 100
 63 53.0 42.4 63.6
 89 52.6 42.1 63.1

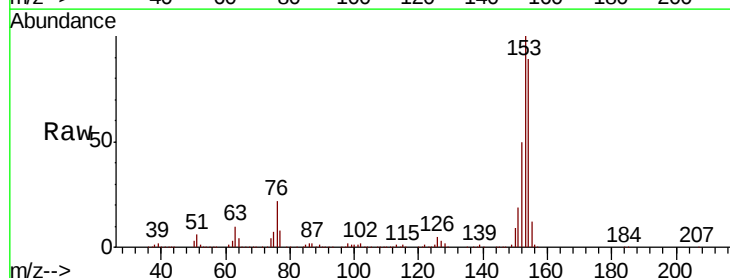


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

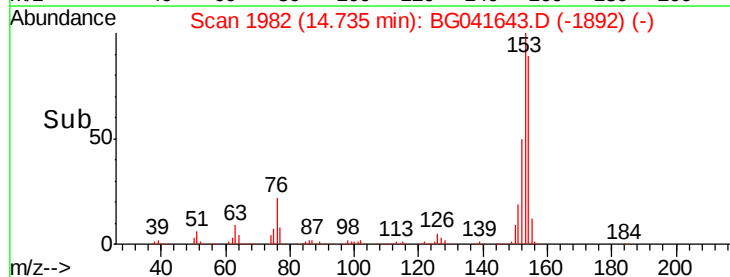
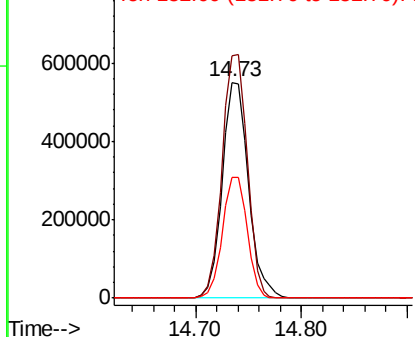


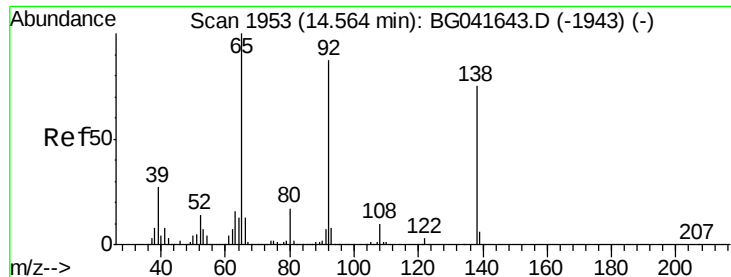
#52
 Acenaphthene
 Concen: 38.486 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Tgt Ion:154 Resp: 947600
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.8 134.6
 152 56.1 44.9 67.3



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





#53

3-Nitroaniline

Concen: 40.582 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

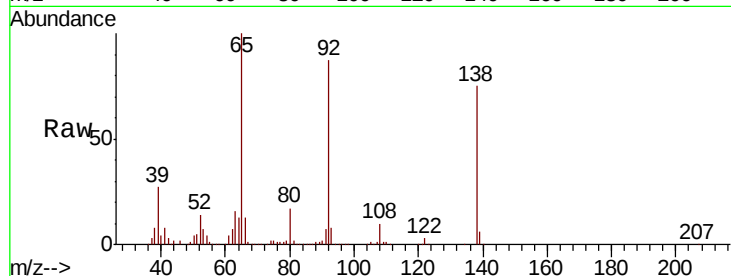
Tot Ion:138 Resp: 291412

Ion Ratio Lower Upper

138 100

108 12.9 10.3 15.5

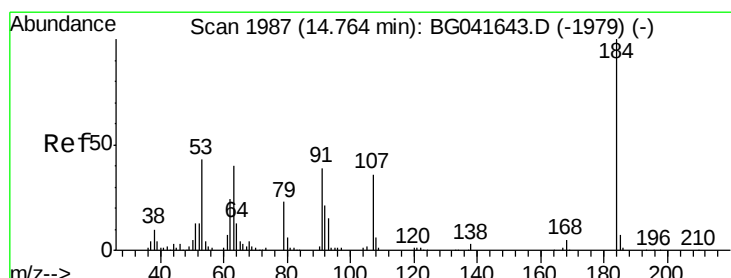
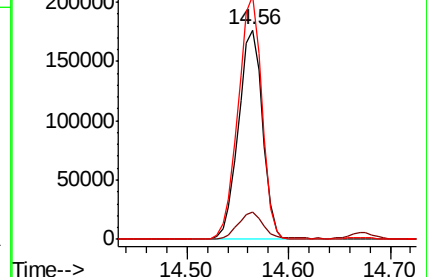
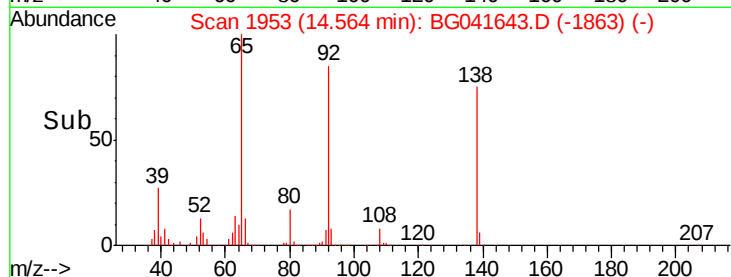
92 116.2 93.0 139.4



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: 40.223 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

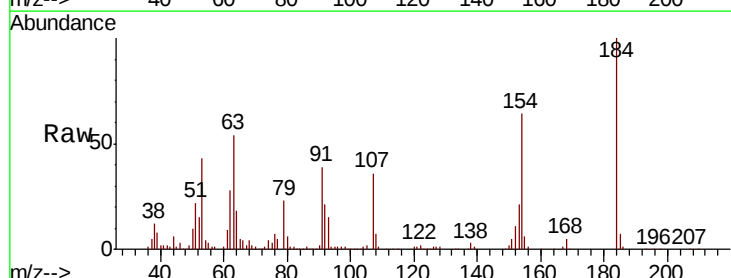
Tgt Ion:184 Resp: 116311

Ion Ratio Lower Upper

184 100

63 54.0 43.2 64.8

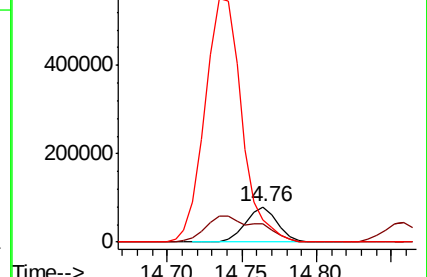
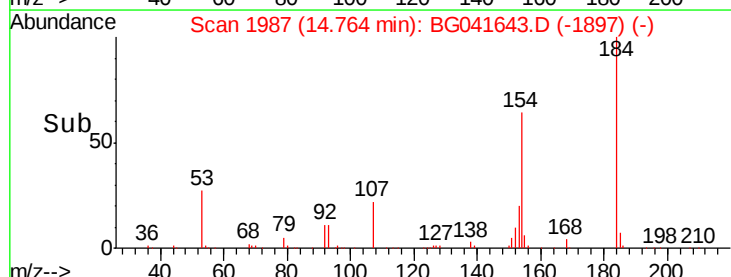
154 64.3 51.4 77.2

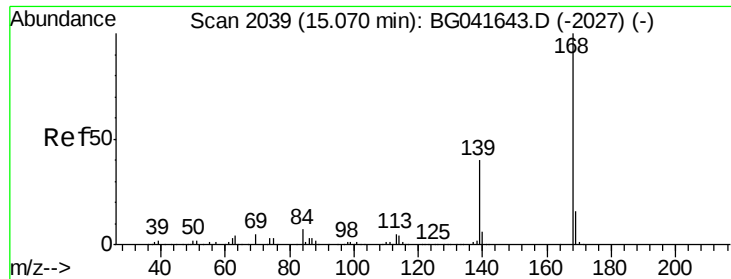


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

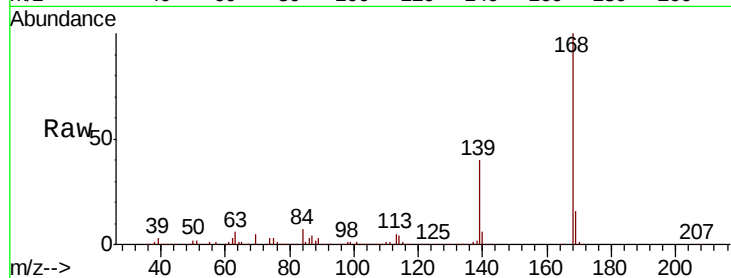




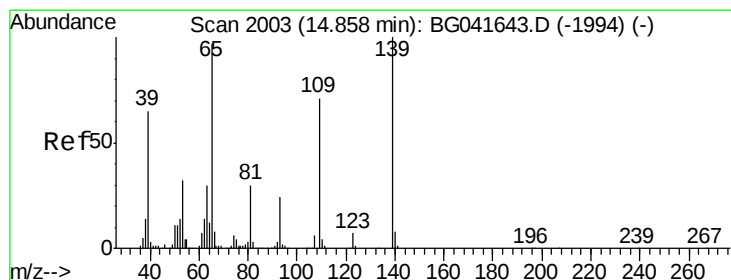
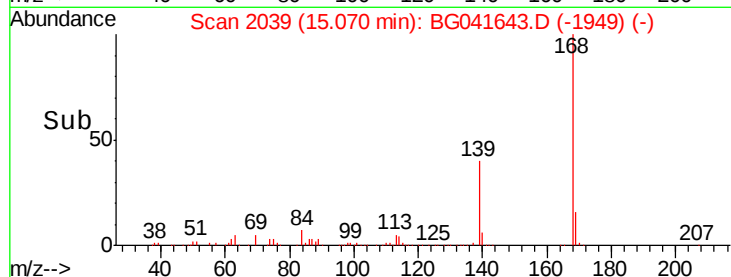
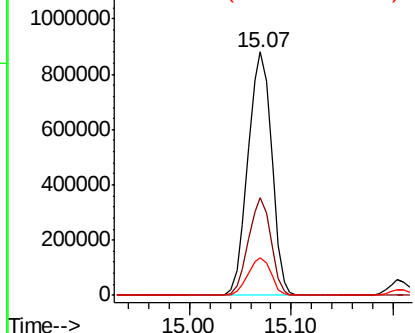
#55
Dibenzenofuran
Concen: 38.615 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1424236
Ion Ratio Lower Upper
168 100
139 39.9 31.9 47.9
169 15.6 12.5 18.7

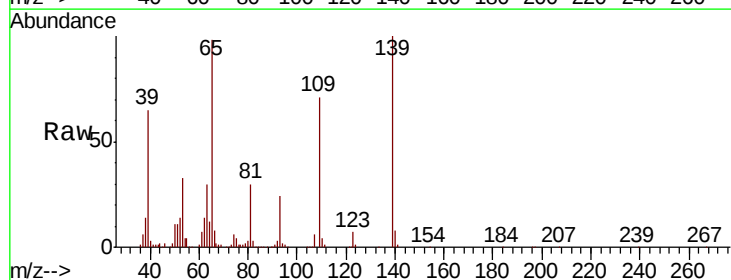


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

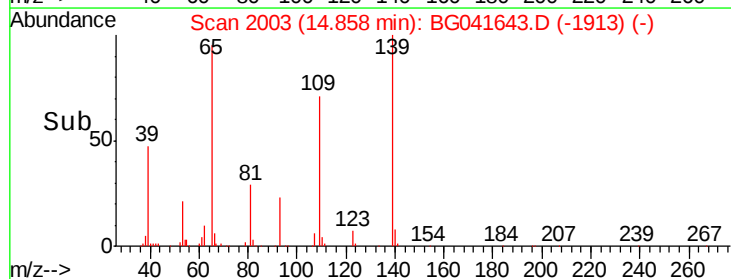
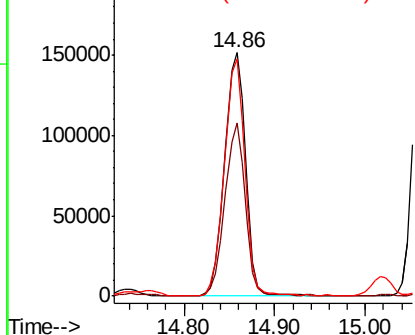


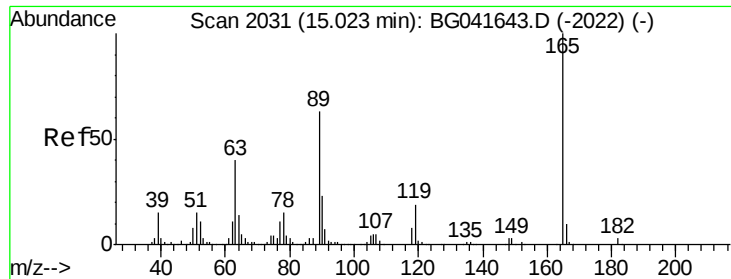
#56
4-Nitrophenol
Concen: 42.580 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:139 Resp: 243271
Ion Ratio Lower Upper
139 100
109 71.3 51.3 91.3
65 97.6 77.6 117.6



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): BG

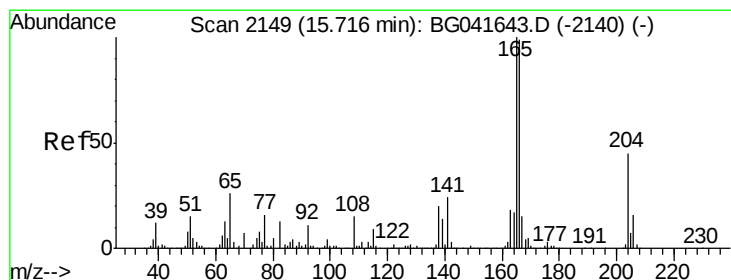
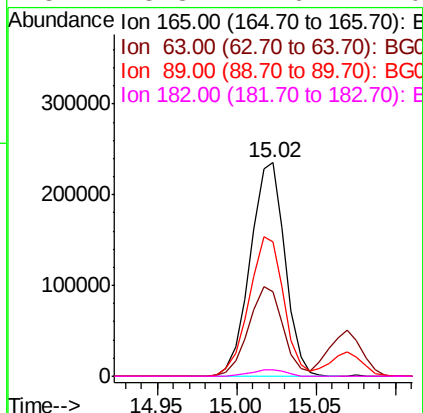
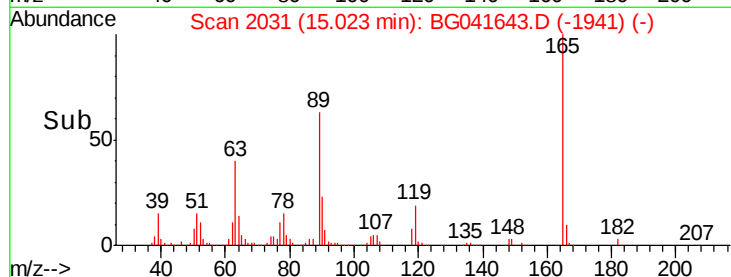
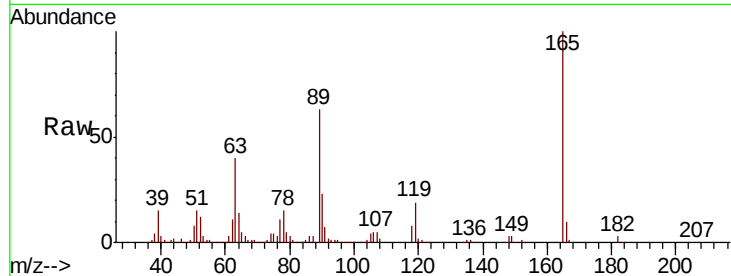




#57
2,4-Dinitrotoluene
Concen: 42.554 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

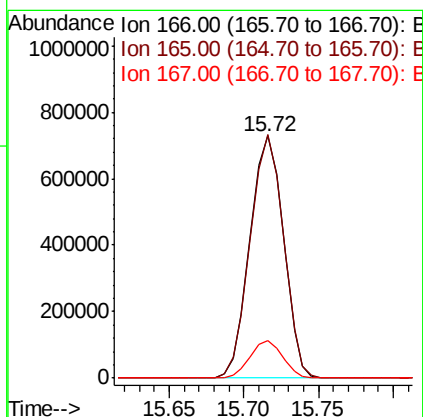
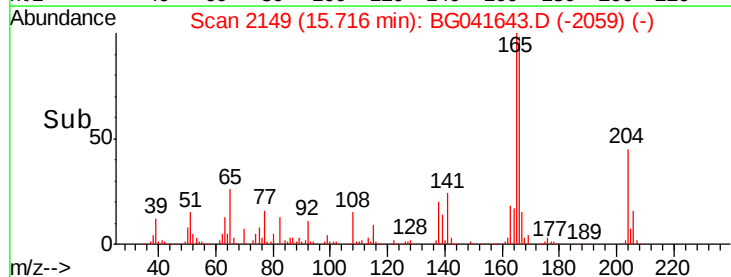
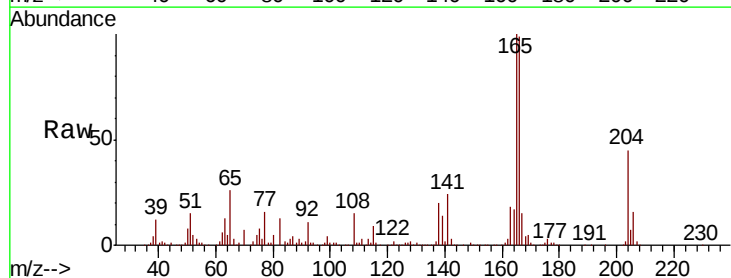
Instrument :
BNA_G
ClientSampled :

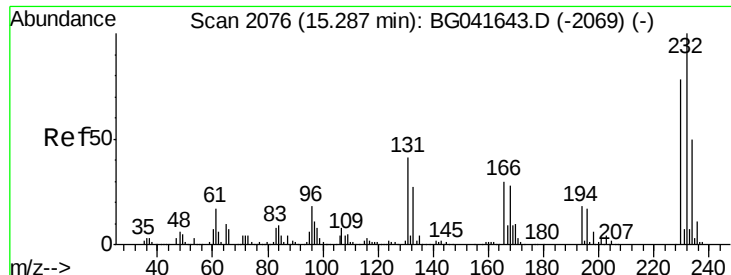
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	31.7	47.5
89	62.8	50.2	75.4
182	3.3	2.6	4.0



#58
Fluorene
Concen: 38.094 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.5	120.7
167	15.5	12.4	18.6

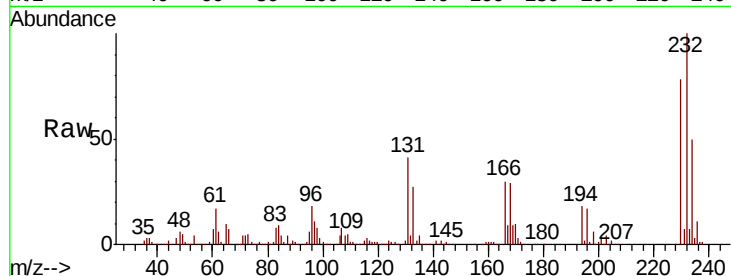




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.825 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	31.8	47.6
130	2.3	1.8	2.8
166	29.4	23.5	35.3



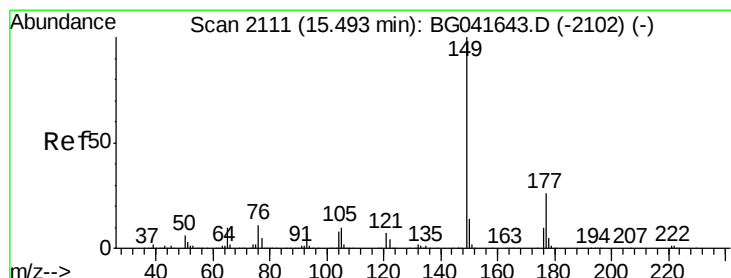
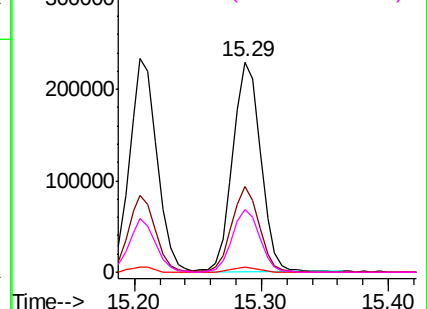
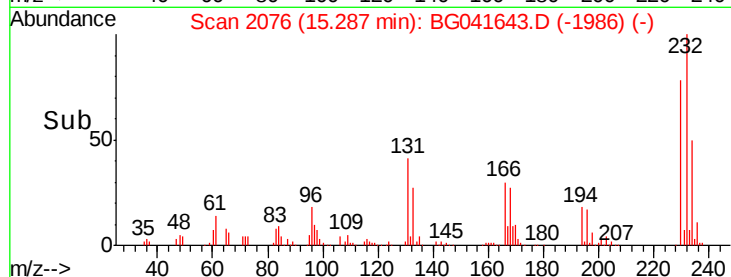
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

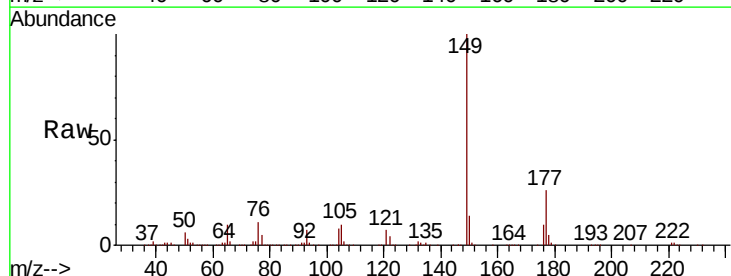
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.964 ng
RT: 15.49 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.9	20.7	31.1
150	14.4	11.5	17.3

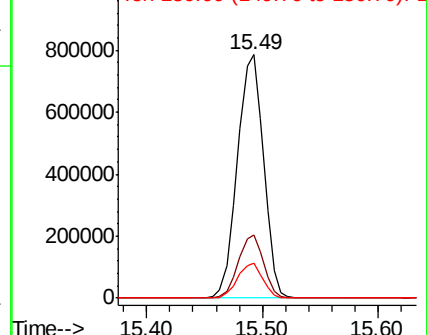
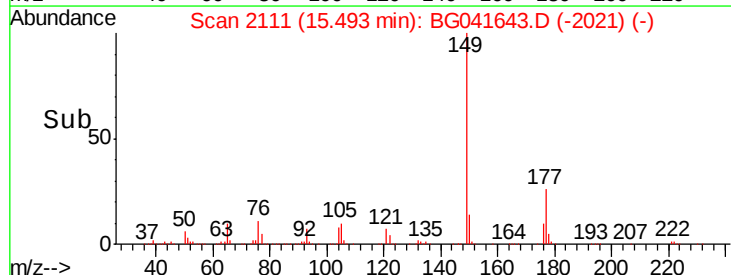


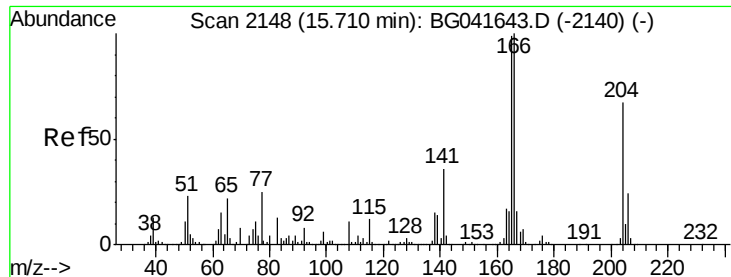
Abundance

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

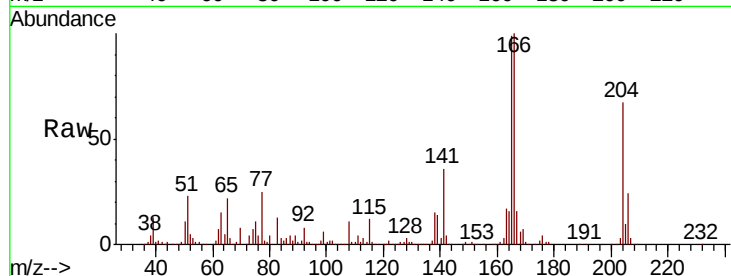




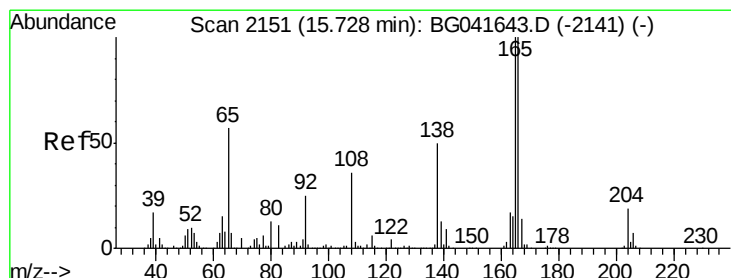
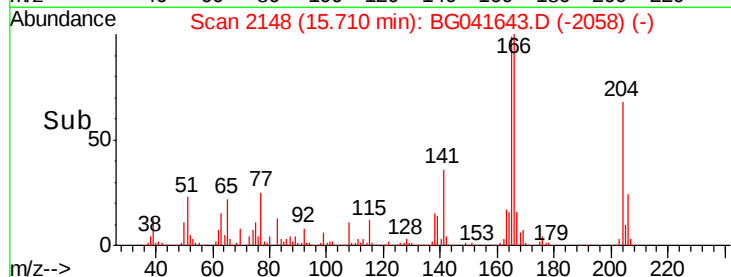
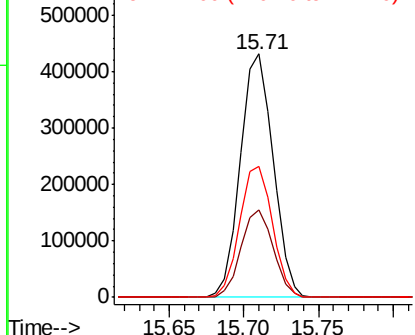
#61
4-Chlorophenyl-phenylether
Concen: 38.336 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 656951
Ion Ratio Lower Upper
204 100
206 35.7 28.6 42.8
141 53.6 42.9 64.3

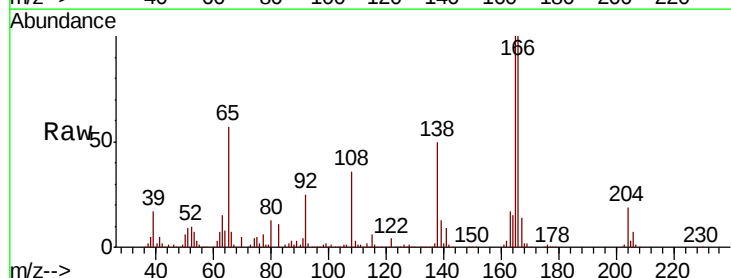


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

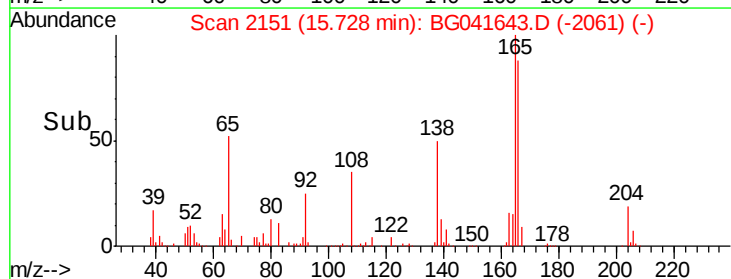
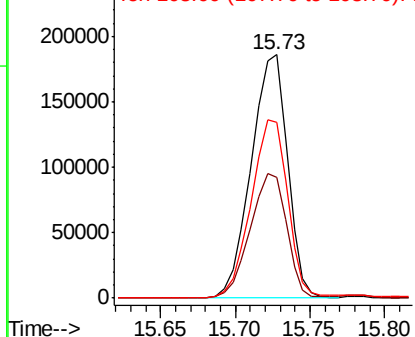


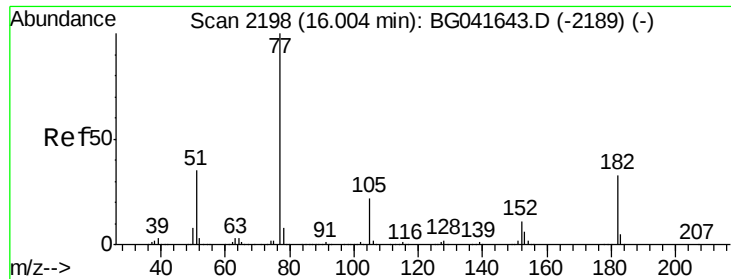
#62
4-Nitroaniline
Concen: 41.135 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:138 Resp: 313462
Ion Ratio Lower Upper
138 100
92 49.8 29.8 69.8
108 72.2 52.2 92.2



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: 38.753 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1107555

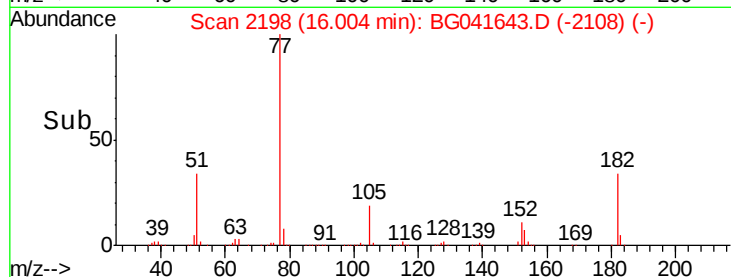
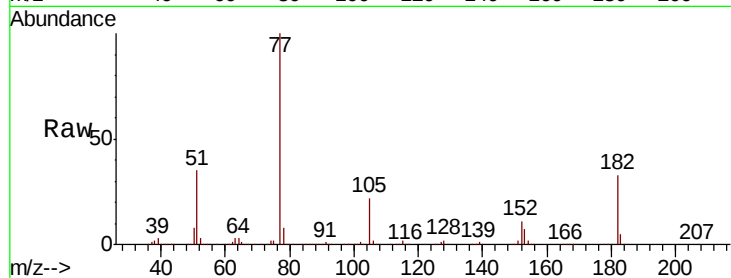
Ion	Ratio	Lower	Upper
77	100		
182	33.2	13.2	53.2
105	22.2	2.2	42.2
51	34.6	14.6	54.6

77 100

182 33.2 13.2 53.2

105 22.2 2.2 42.2

51 34.6 14.6 54.6

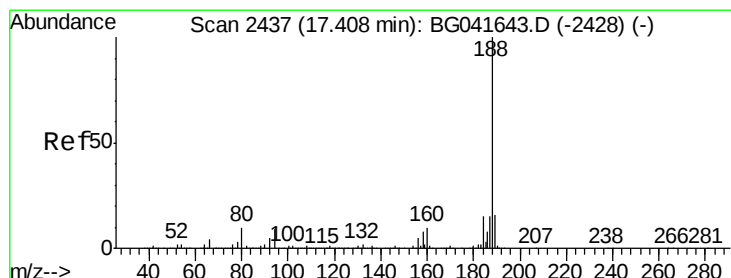
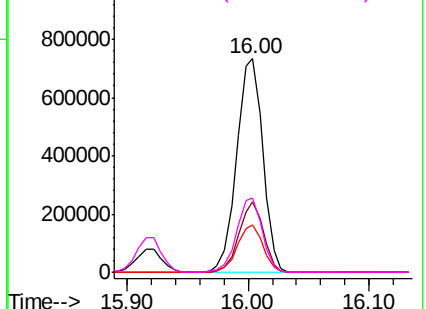


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

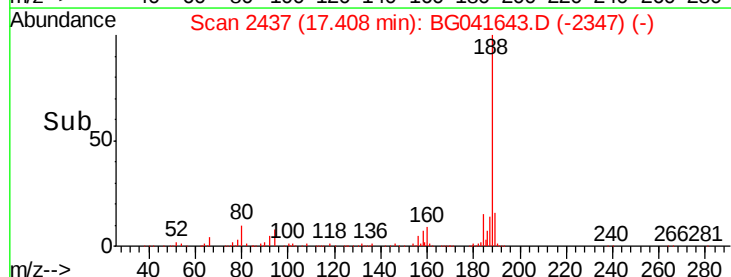
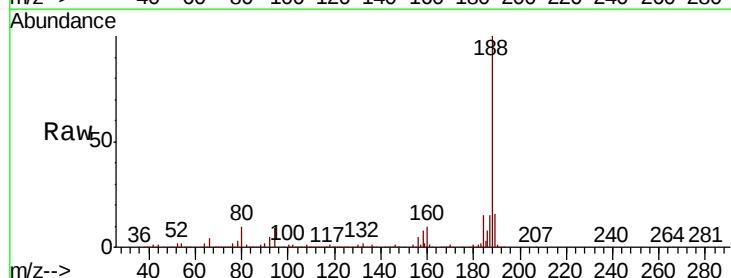
Tgt Ion: 188 Resp: 952514

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	10.0	8.0	12.0

188 100

94 8.6 6.9 10.3

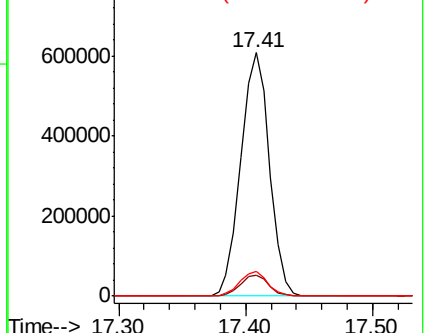
80 10.0 8.0 12.0

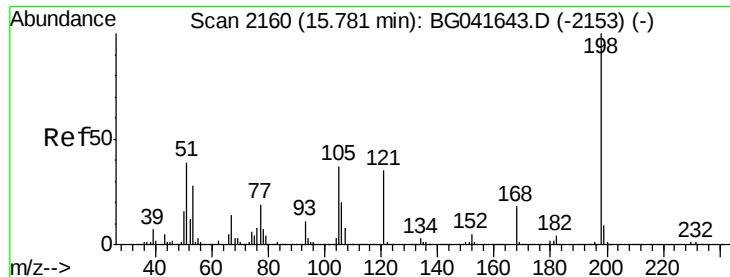


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

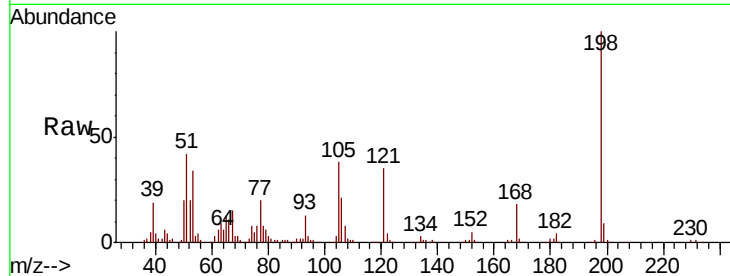




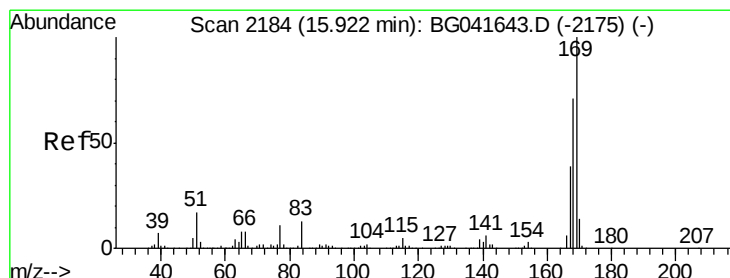
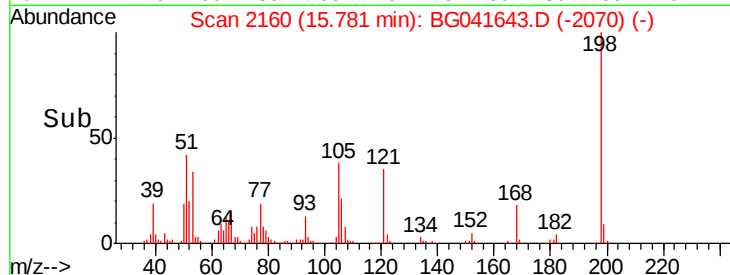
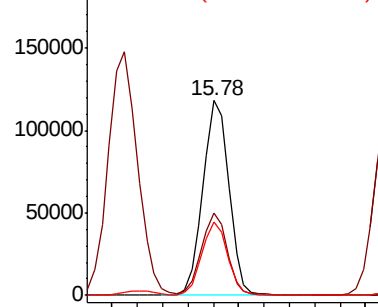
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.544 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.3	22.3	62.3
105	38.0	18.0	58.0

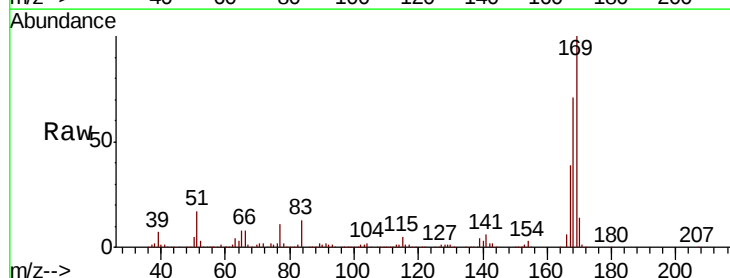


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

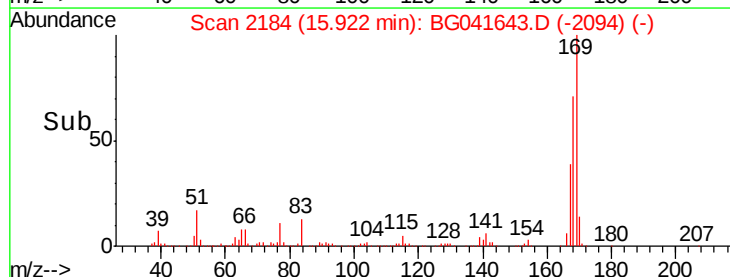
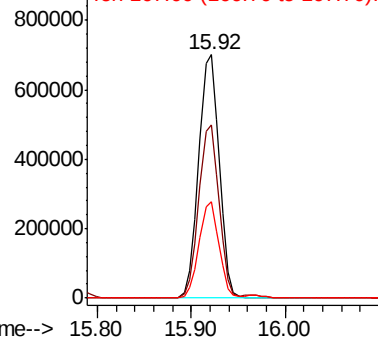


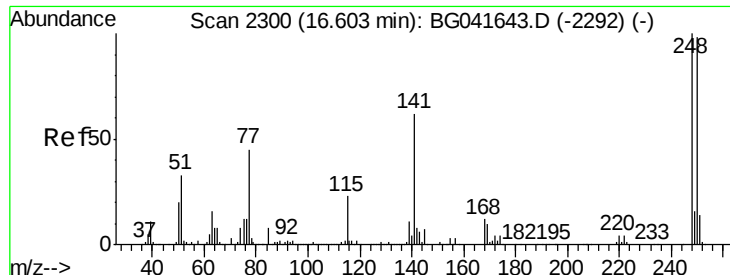
#66
 n-Nitrosodiphenylamine
 Concen: 36.923 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	56.9	85.3
167	39.4	31.5	47.3



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

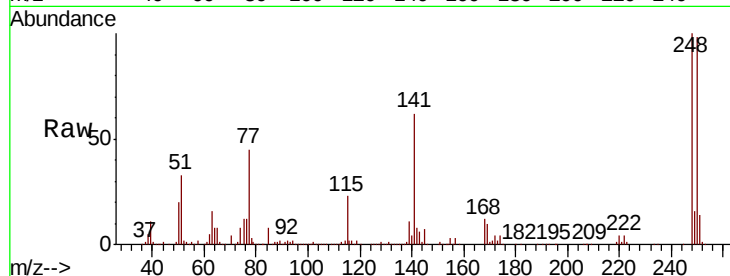




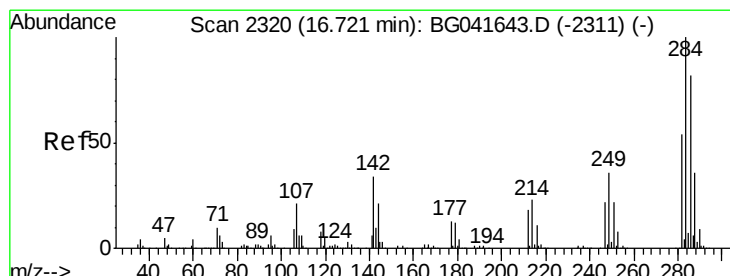
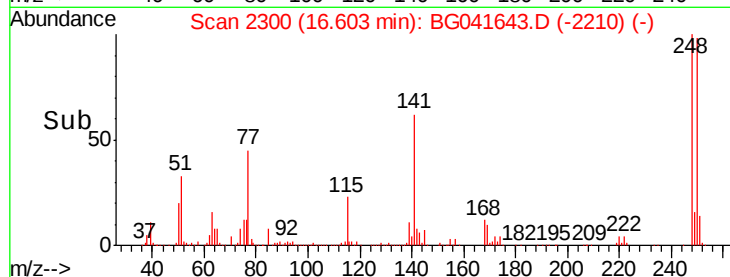
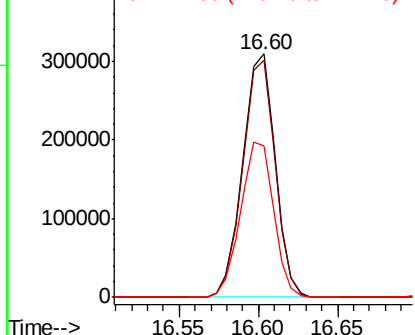
#67
 4-Bromophenyl-phenylether
 Concen: 37.585 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 442546
 Ion Ratio Lower Upper
 248 100
 250 97.6 78.1 117.1
 141 62.0 49.6 74.4

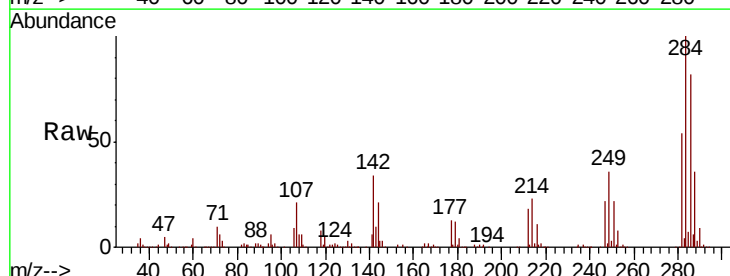


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

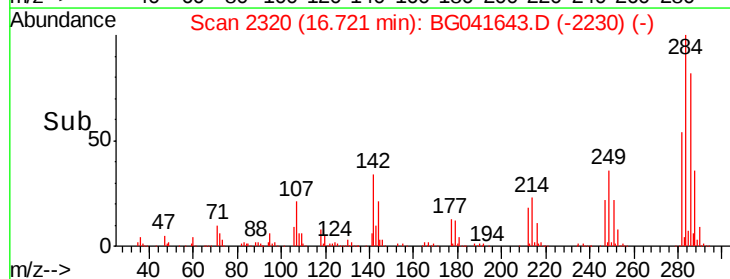
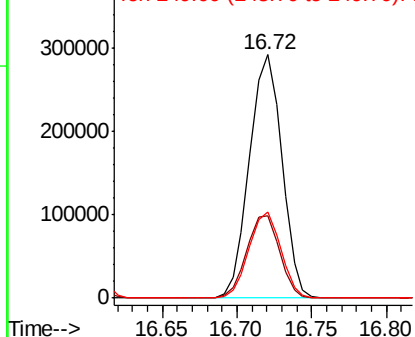


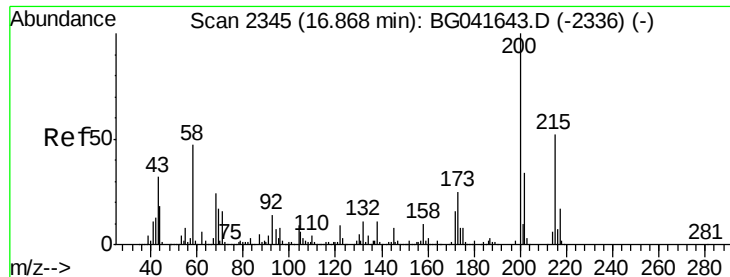
#68
 Hexachlorobenzene
 Concen: 36.905 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Tgt Ion:284 Resp: 439515
 Ion Ratio Lower Upper
 284 100
 142 33.8 27.0 40.6
 249 35.5 28.4 42.6



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: 44.908 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

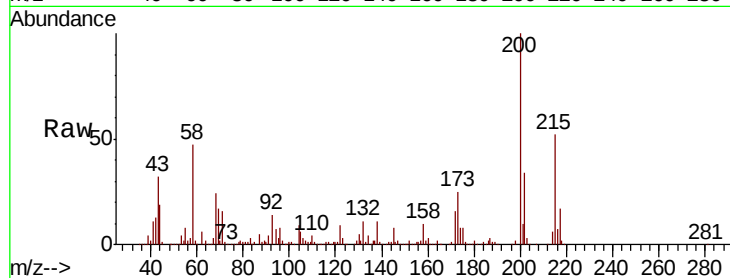
Tot Ion:200 Resp: 387353

Ion Ratio Lower Upper

200 100

173 25.3 5.3 45.3

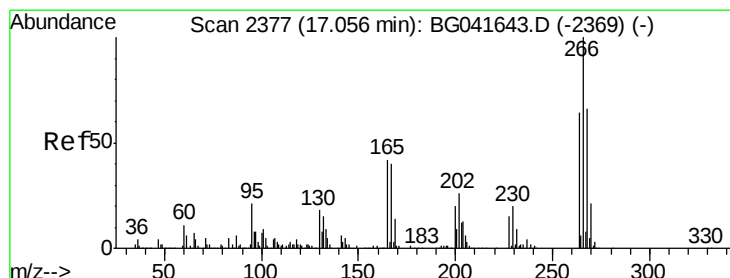
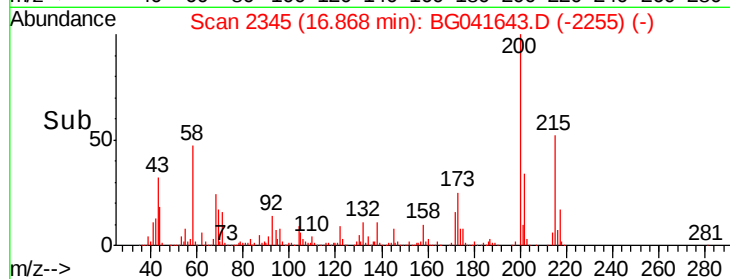
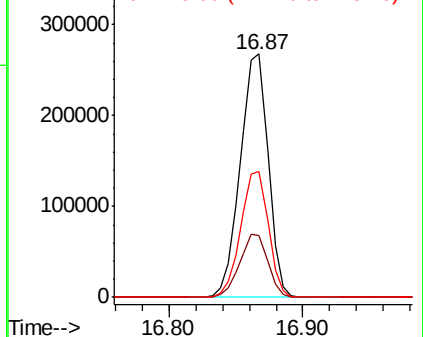
215 51.8 31.8 71.8



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: 39.297 ng

RT: 17.06 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

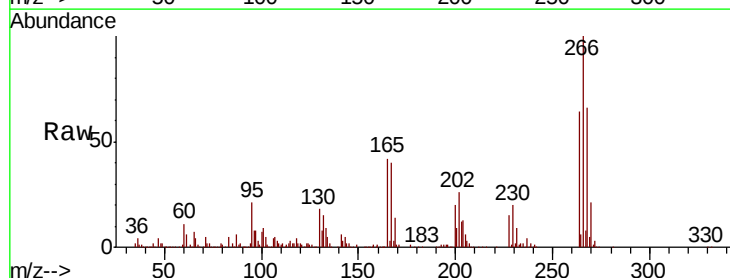
Tgt Ion:266 Resp: 290664

Ion Ratio Lower Upper

266 100

268 66.1 52.9 79.3

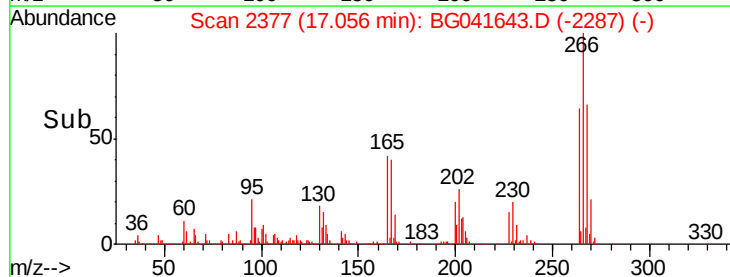
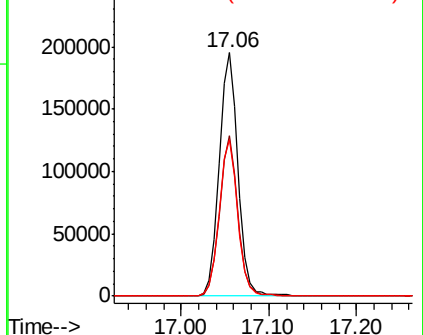
264 64.3 51.4 77.2

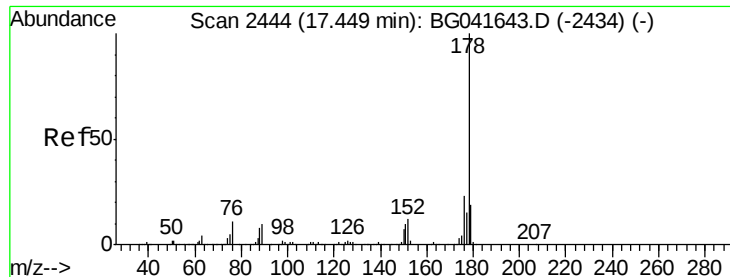


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.113 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

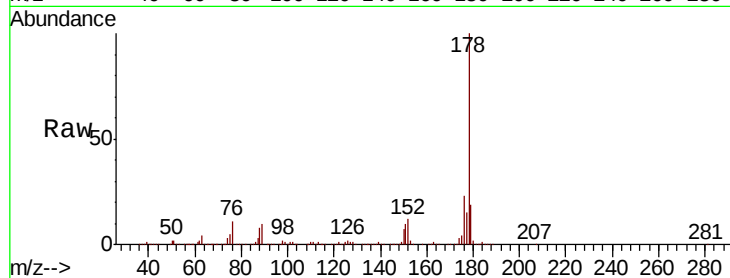
Tot Ion:178 Resp: 1797554

Ion Ratio Lower Upper

178 100

176 23.3 18.6 28.0

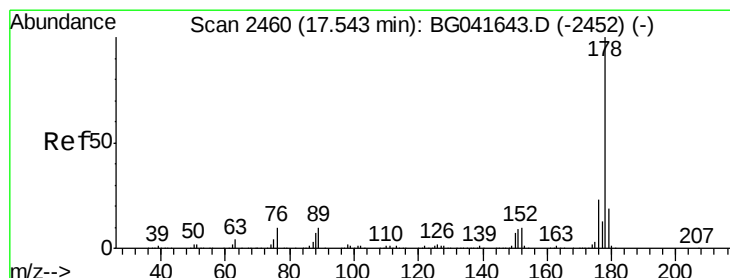
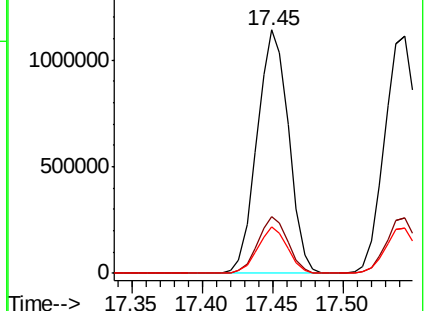
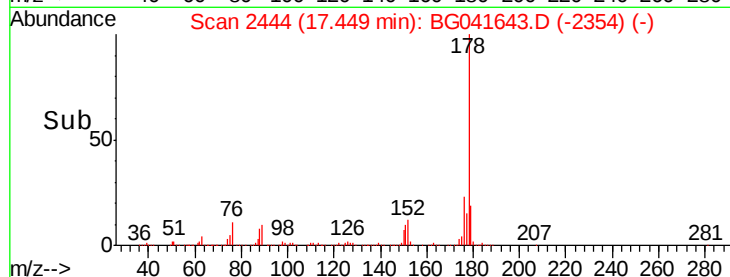
179 19.2 15.4 23.0



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: 34.686 ng

RT: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

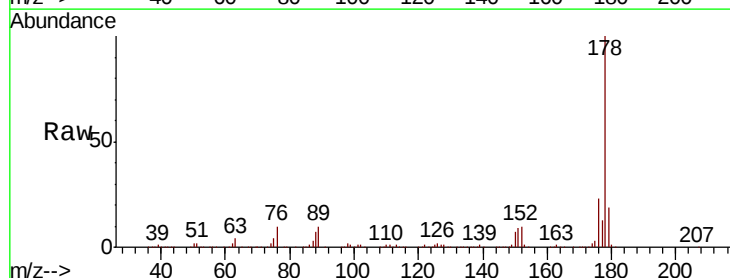
Tgt Ion:178 Resp: 1805680

Ion Ratio Lower Upper

178 100

176 23.3 18.6 28.0

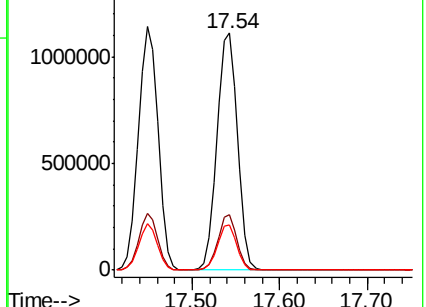
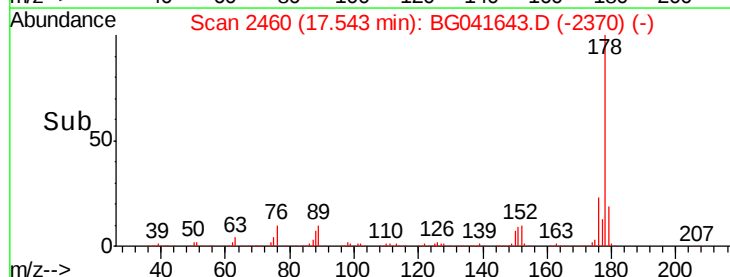
179 18.9 15.1 22.7

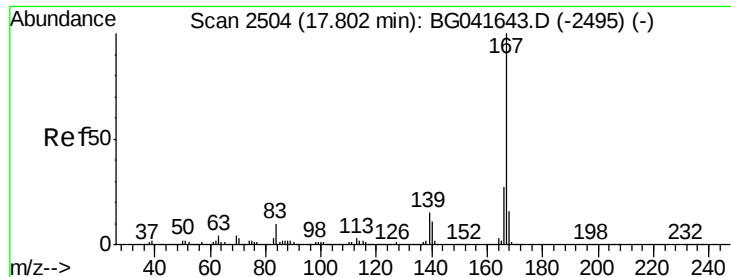


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

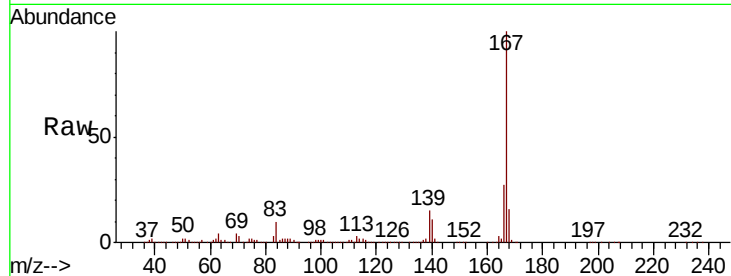




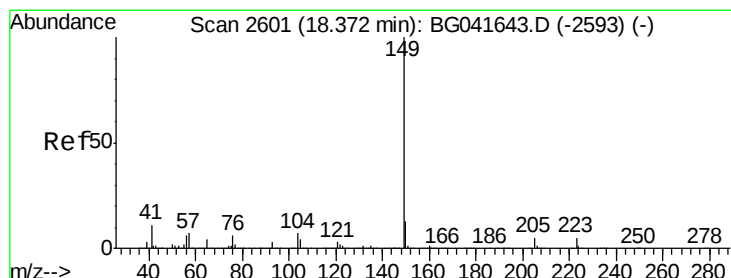
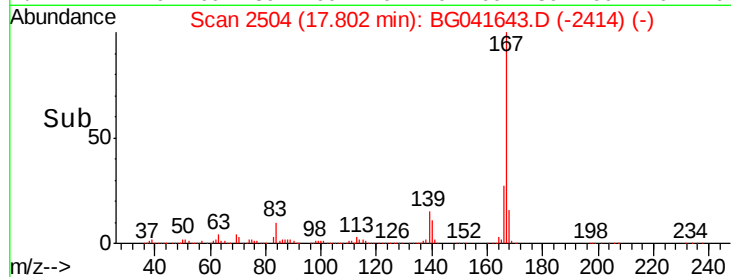
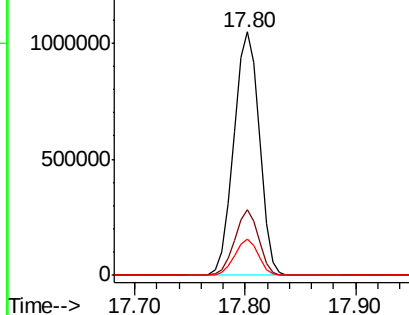
#73
 Carbazole
 Concen: 35.511 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1704125
 Ion Ratio Lower Upper
 167 100
 166 26.8 21.4 32.2
 139 15.1 12.1 18.1

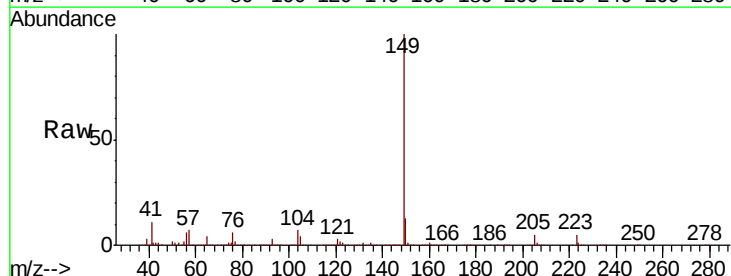


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

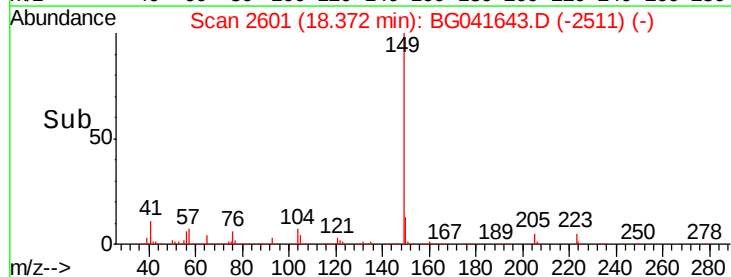
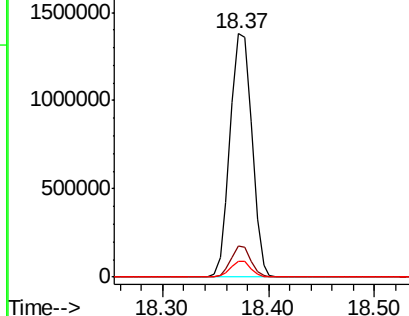


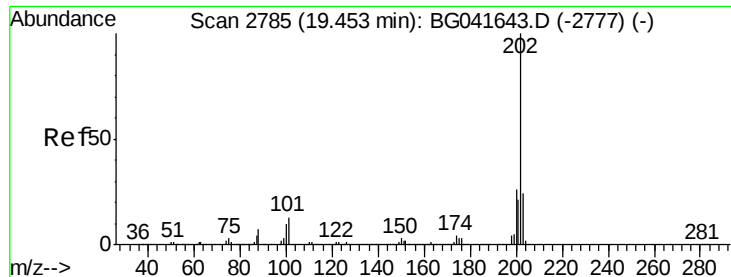
#74
 Di-n-butylphthalate
 Concen: 33.459 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: BG041643.D
 Acq: 15 Jul 2019 9:48

Tgt Ion:149 Resp: 1969765
 Ion Ratio Lower Upper
 149 100
 150 12.7 10.2 15.2
 104 6.6 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.339 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

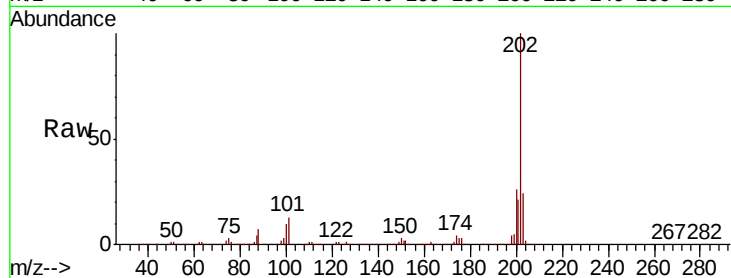
Tot Ion:202 Resp: 2117807

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.8

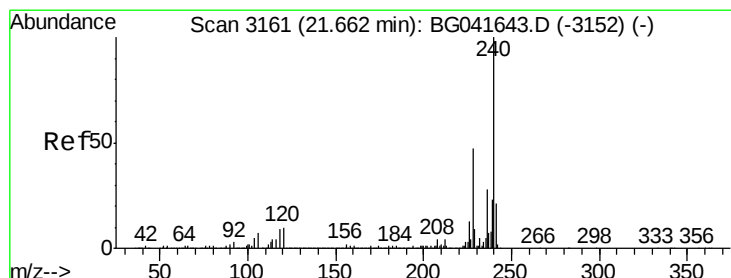
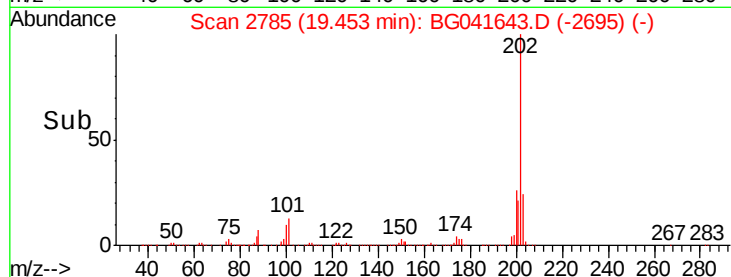
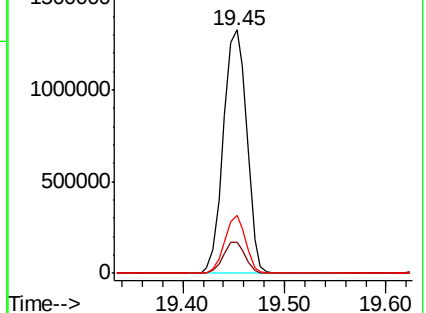
203 23.7 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

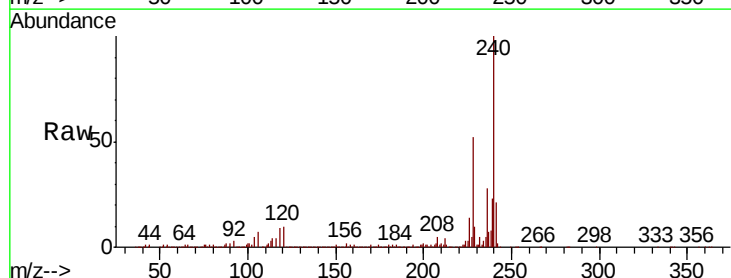
Tgt Ion:240 Resp: 870427

Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

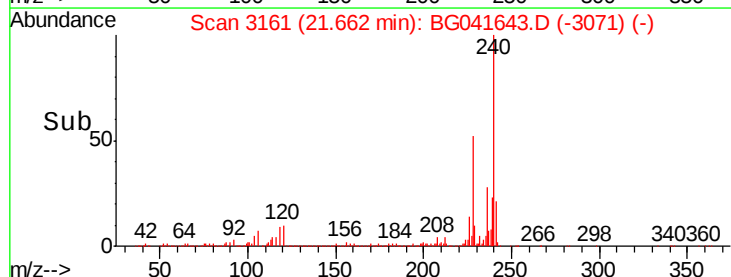
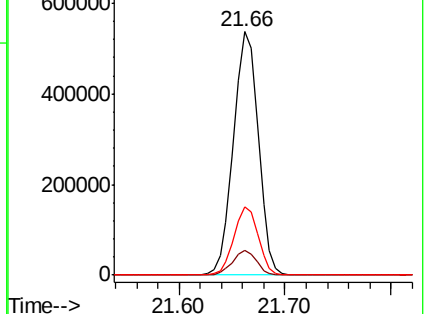
236 28.2 22.6 33.8

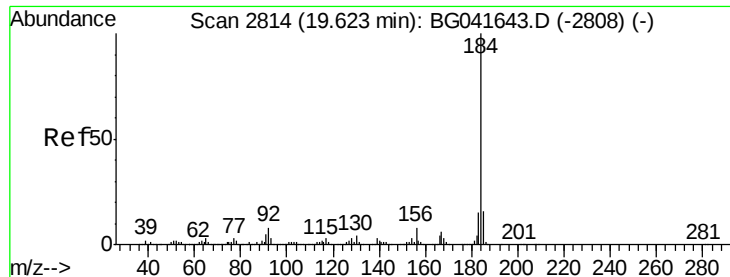


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.822 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

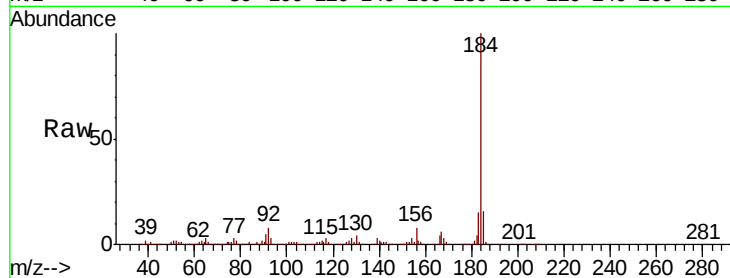
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 1186641

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.0	19.4
183	14.7	11.8	17.6

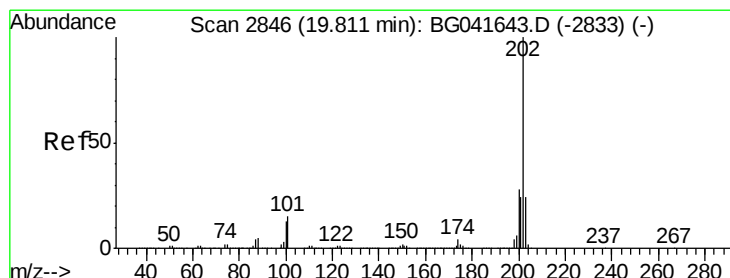
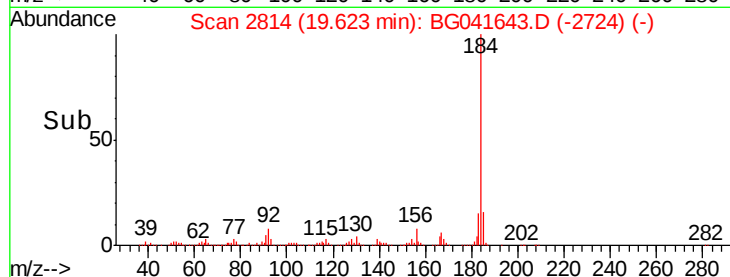
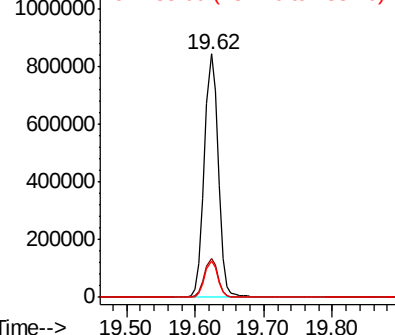


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.930 ng

RT: 19.81 min Scan# 2846

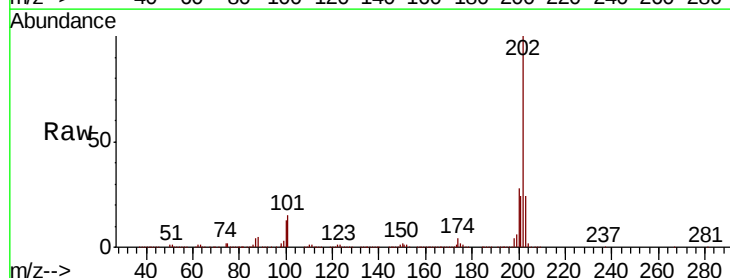
Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Tgt Ion:202 Resp: 2124268

Ion	Ratio	Lower	Upper
202	100		
200	27.7	22.2	33.2
203	23.6	18.9	28.3

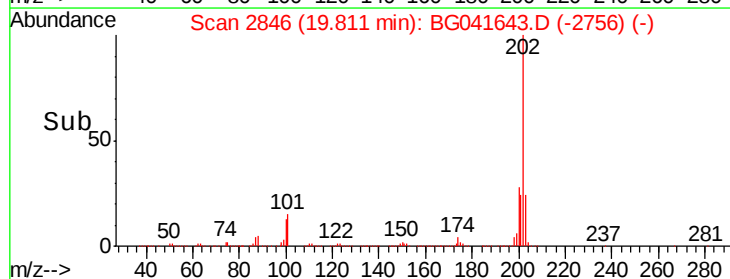
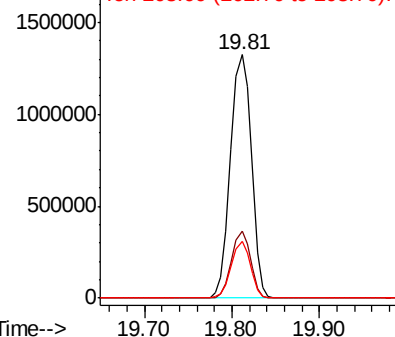


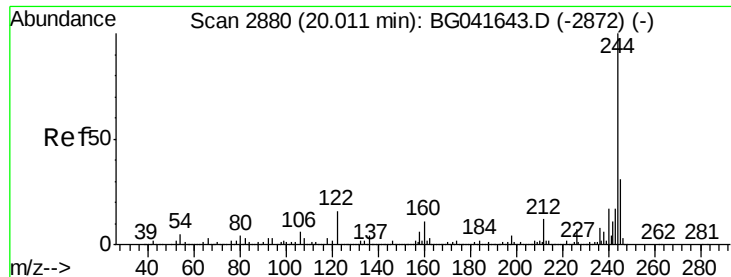
Abundance

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: 73.215 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

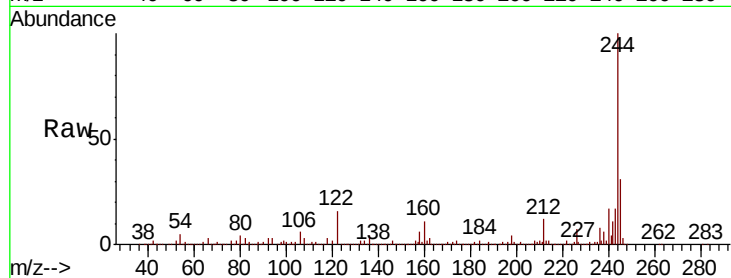
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2607486

Ion	Ratio	Lower	Upper
244	100		
212	12.1	9.7	14.5
122	15.6	12.5	18.7

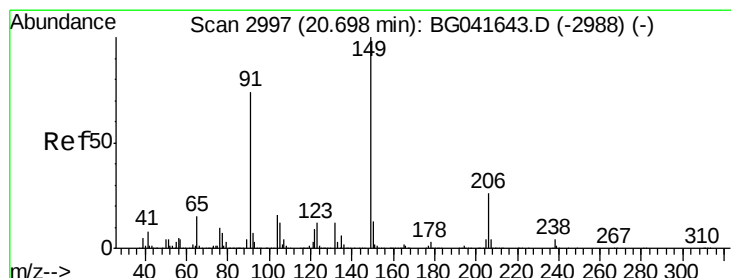
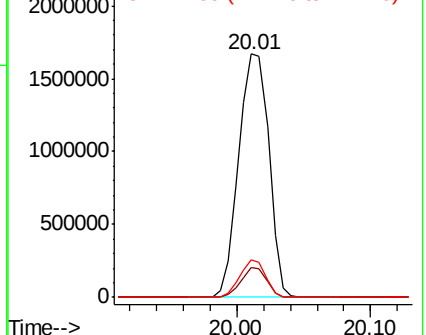
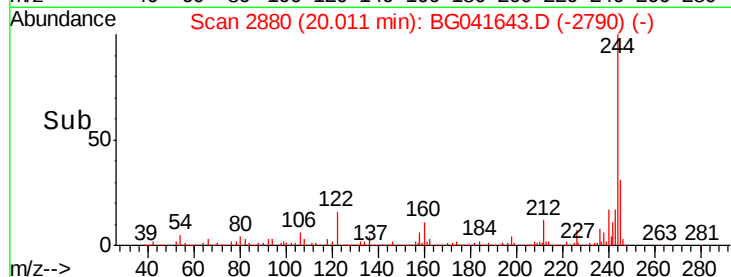


Abundance

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: 36.224 ng

RT: 20.70 min Scan# 2997

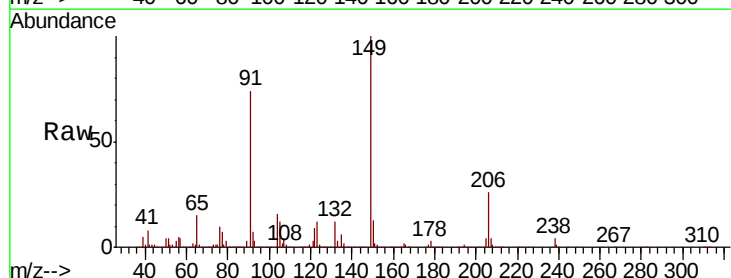
Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Tgt Ion:149 Resp: 958898

Ion	Ratio	Lower	Upper
149	100		
91	73.6	58.9	88.3
206	26.0	20.8	31.2

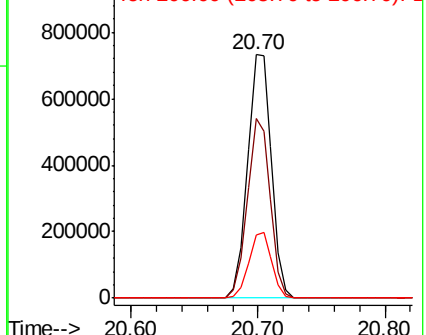
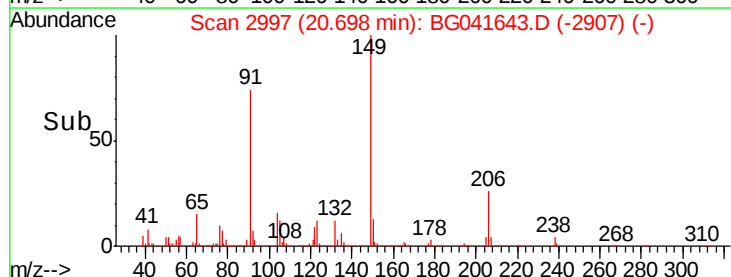


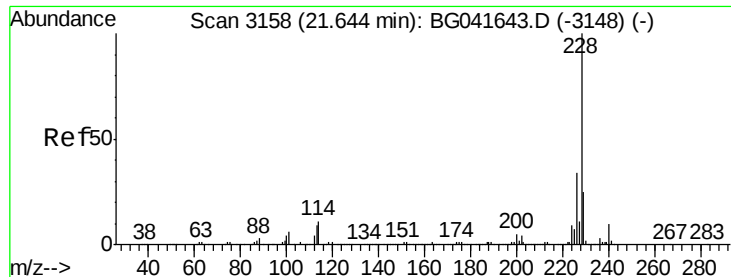
Abundance

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

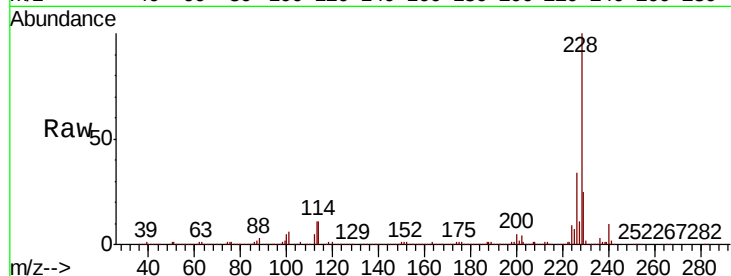




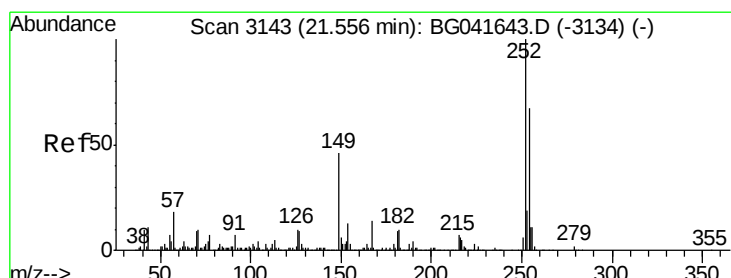
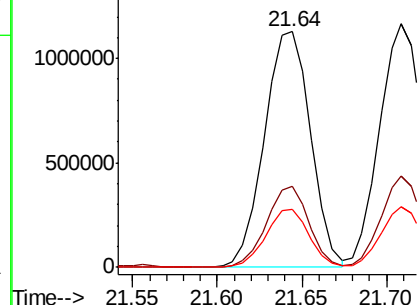
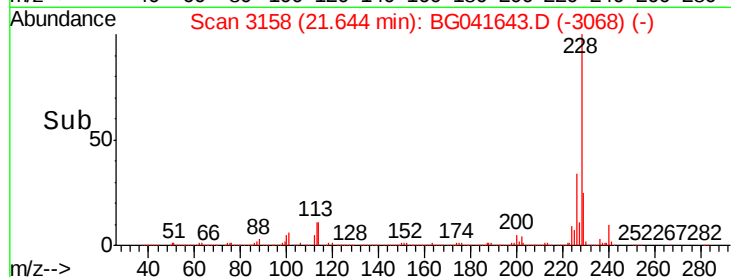
#81
Benzo(a)anthracene
Concen: 35.519 ng
RT: 21.64 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 2139140
Ion Ratio Lower Upper
228 100
226 34.1 27.3 40.9
229 24.6 19.7 29.5

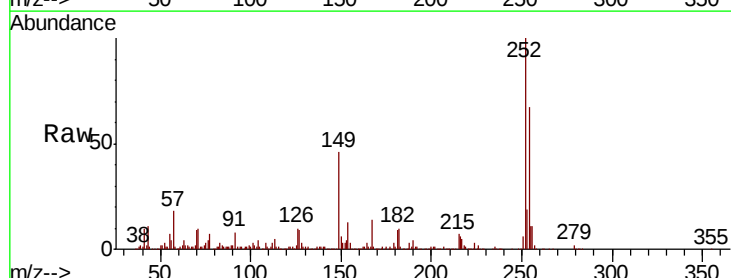


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

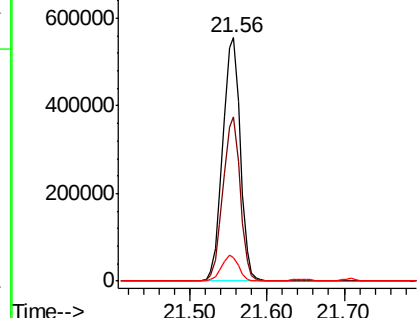
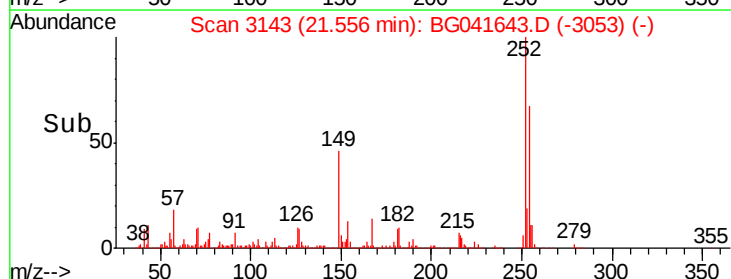


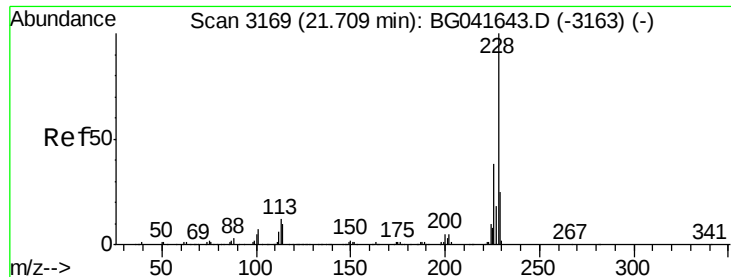
#82
3,3'-Dichlorobenzidine
Concen: 34.861 ng
RT: 21.56 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:252 Resp: 873025
Ion Ratio Lower Upper
252 100
254 67.2 53.8 80.6
126 9.8 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

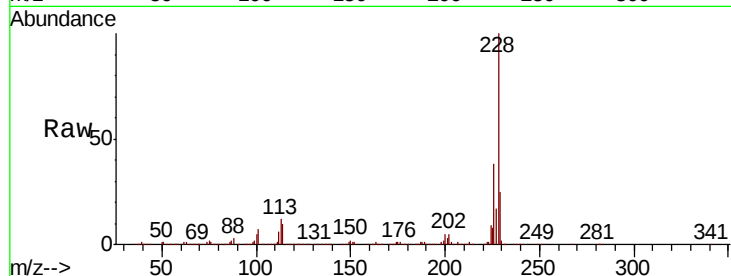




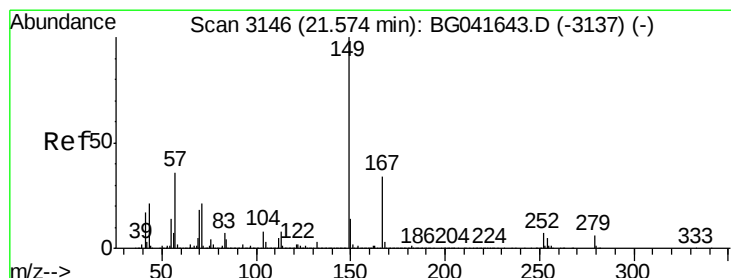
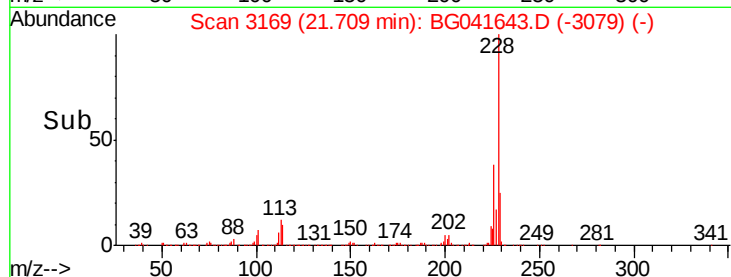
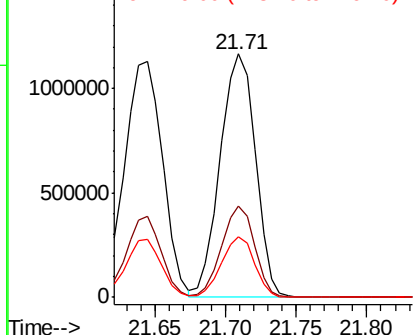
#83
Chrysene
Concen: 37.870 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 2030203
Ion Ratio Lower Upper
228 100
226 37.6 30.1 45.1
229 24.7 19.8 29.6

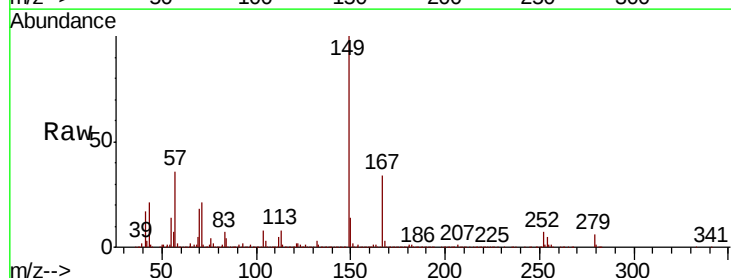


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

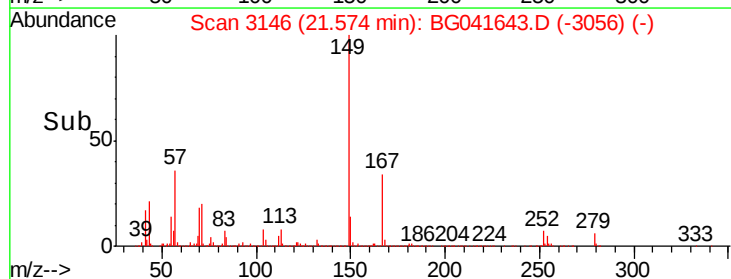
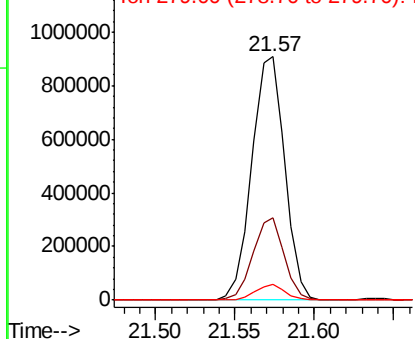


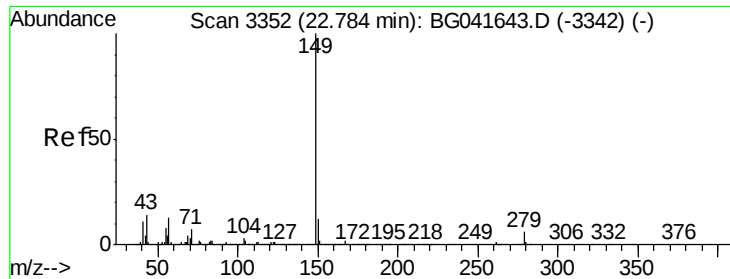
#84
Bis(2-ethylhexyl)phthalate
Concen: 36.327 ng
RT: 21.57 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:149 Resp: 1315186
Ion Ratio Lower Upper
149 100
167 33.7 27.0 40.4
279 6.3 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: 36.087 ng

RT: 22.78 min Scan# 3352

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

Instrument :

BNA_G

ClientSampleId :

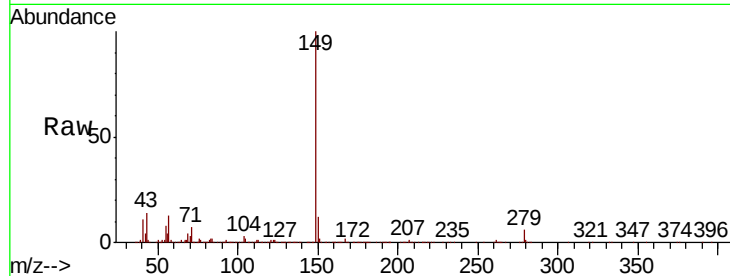
Tot Ion:149 Resp: 2267540

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

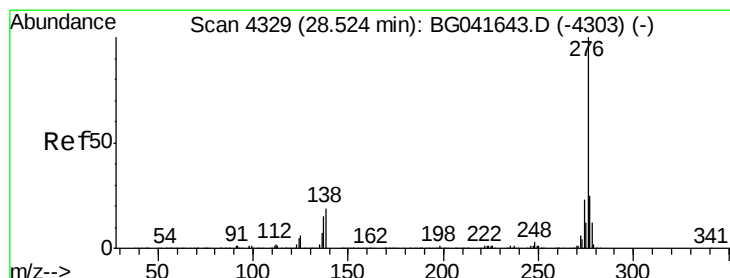
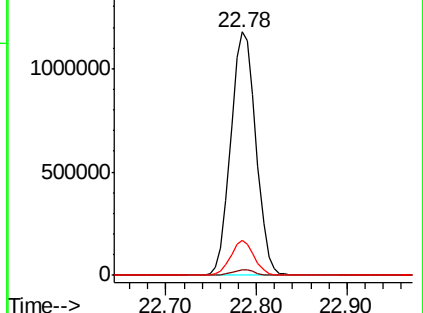
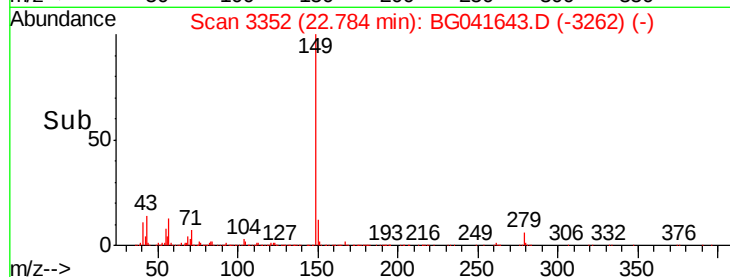
43 13.3 10.6 16.0



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: 38.072 ng

RT: 28.52 min Scan# 4329

Delta R.T. 0.00 min

Lab File: BG041643.D

Acq: 15 Jul 2019 9:48

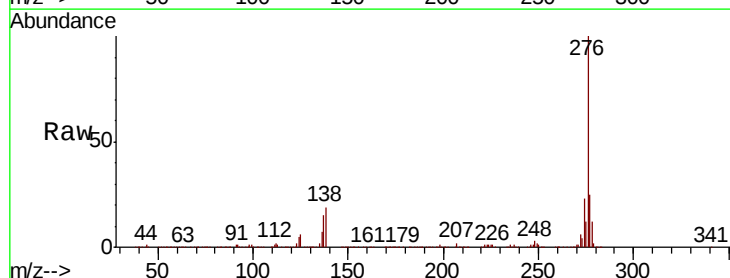
Tgt Ion:276 Resp: 2772622

Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

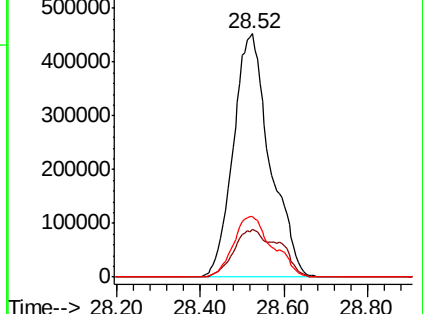
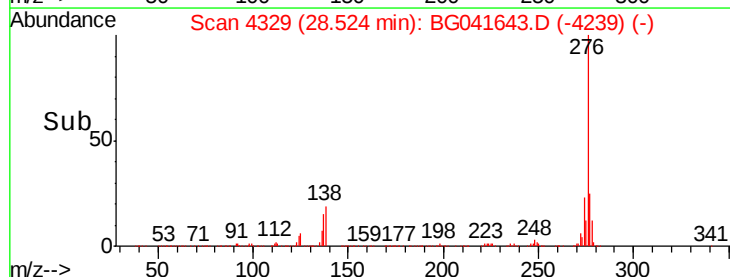
277 26.5 21.2 31.8

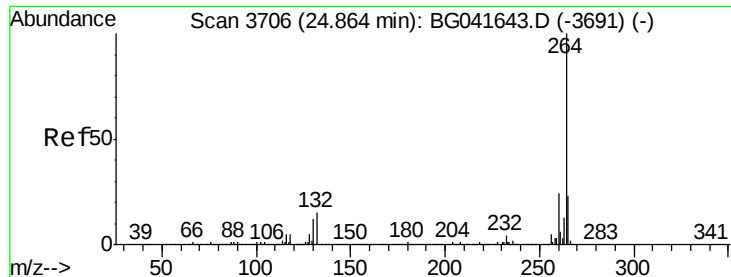


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



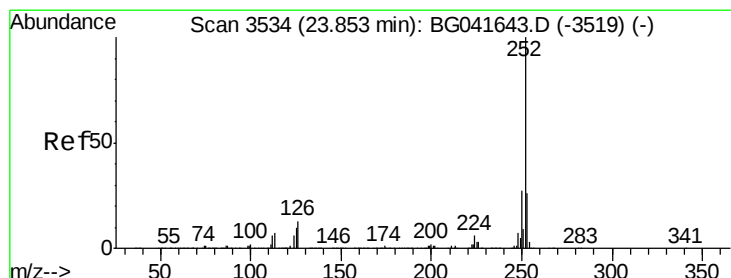
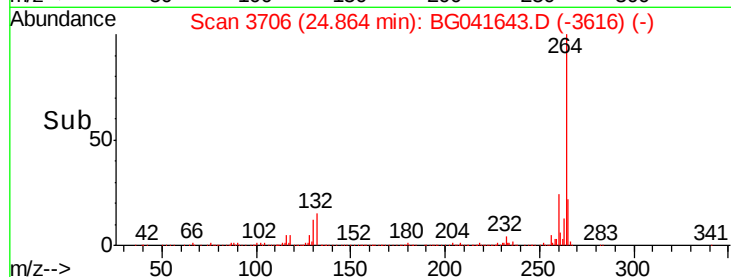
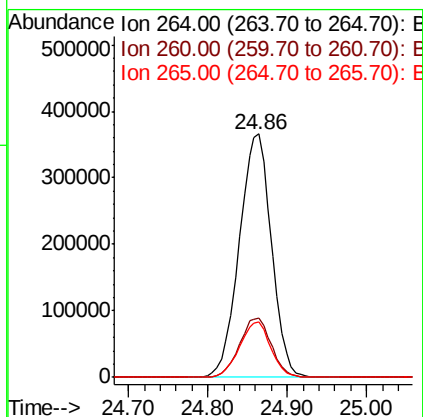
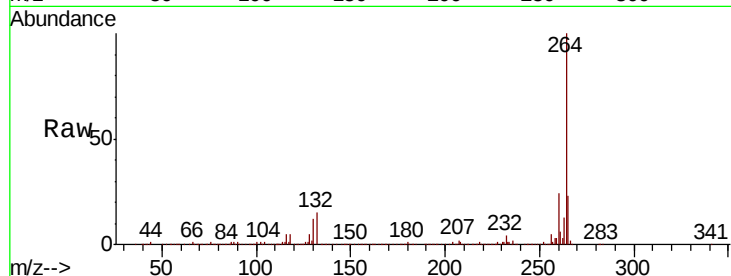


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 1027355

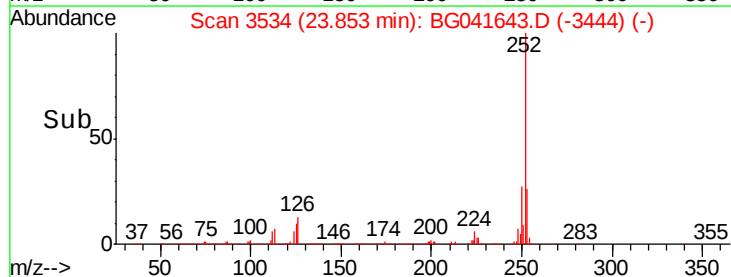
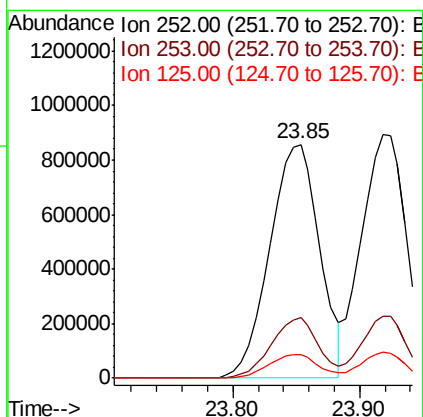
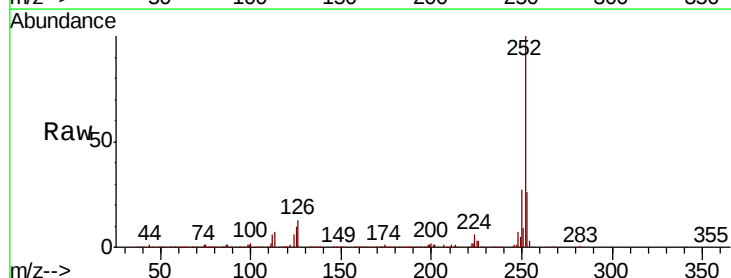
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.5	18.0	27.0

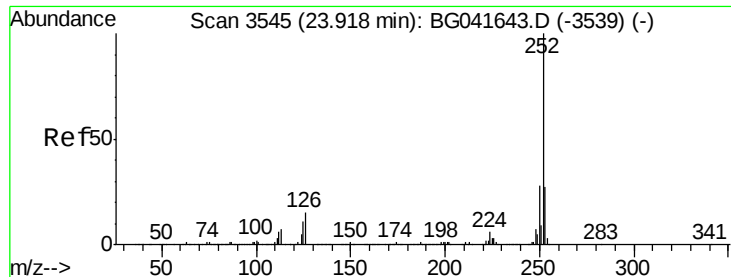


#88
Benzo(b)fluoranthene
Concen: 38.473 ng
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:252 Resp: 2346602

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.6	30.8
125	10.0	8.0	12.0

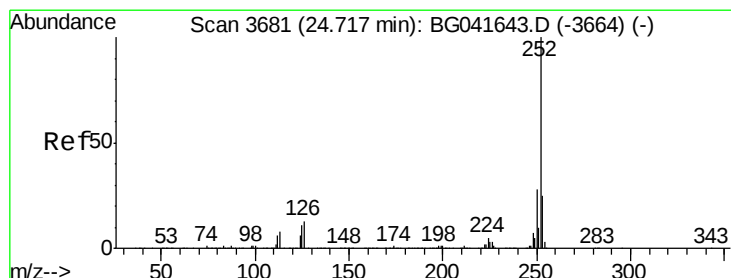
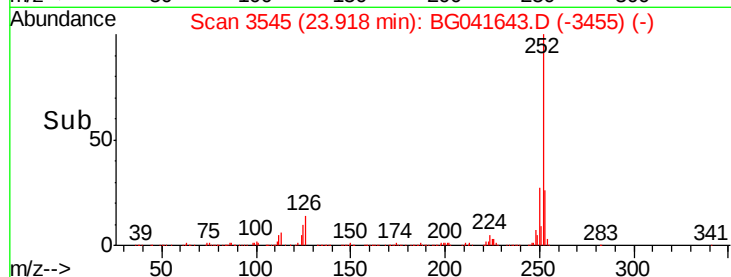
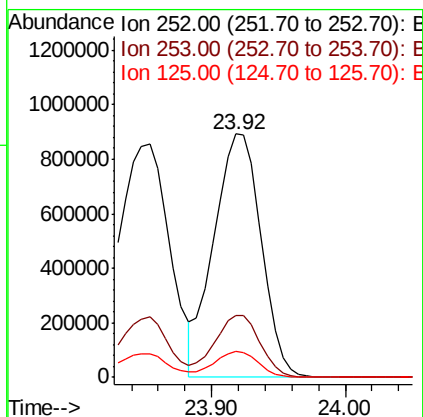
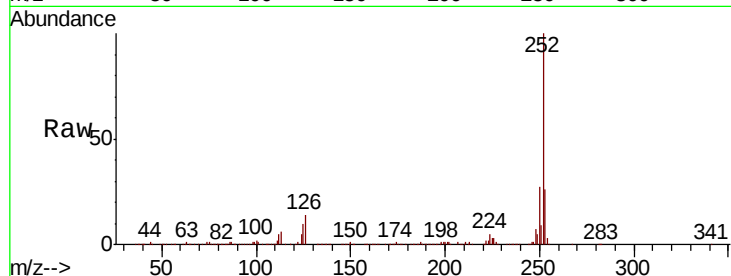




#89
Benzo(k)fluoranthene
Concen: 37.805 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

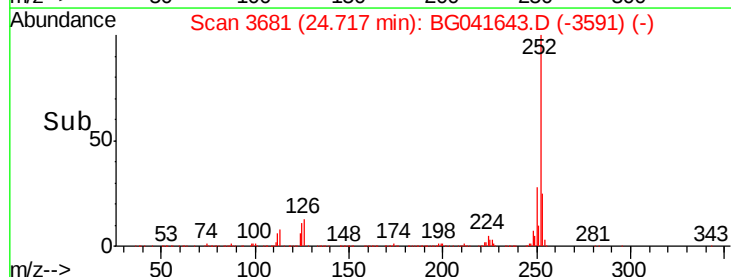
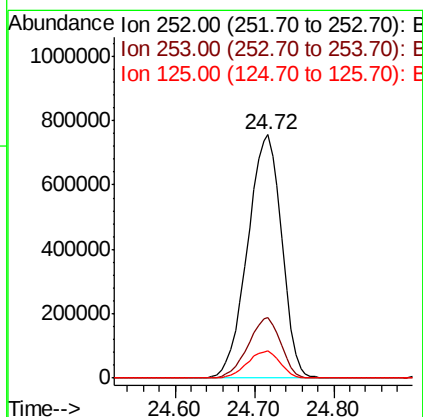
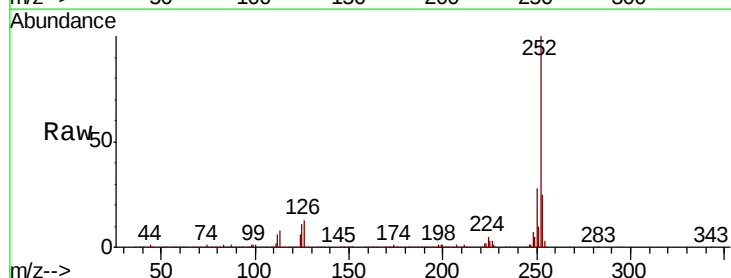
Instrument :
BNA_G
ClientSampleId :

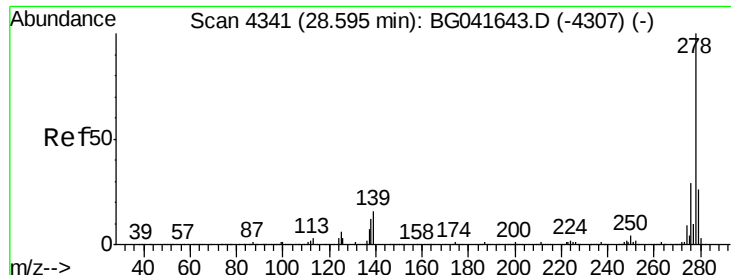
Tot Ion:252 Resp: 2197476
Ion Ratio Lower Upper
252 100
253 25.6 20.5 30.7
125 10.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 38.698 ng
RT: 24.72 min Scan# 3681
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:252 Resp: 2261958
Ion Ratio Lower Upper
252 100
253 24.8 19.8 29.8
125 11.0 8.8 13.2

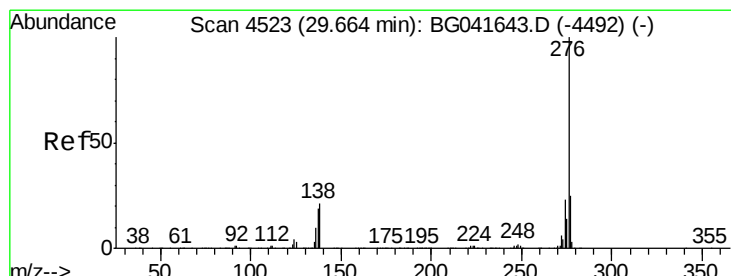
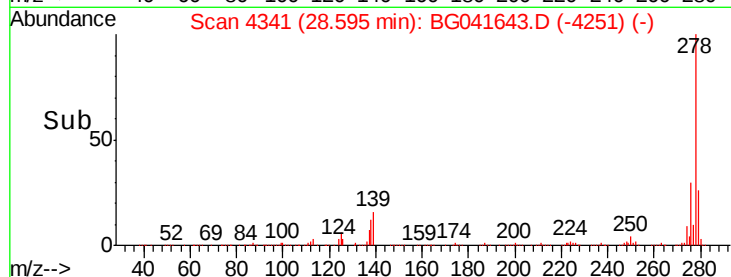
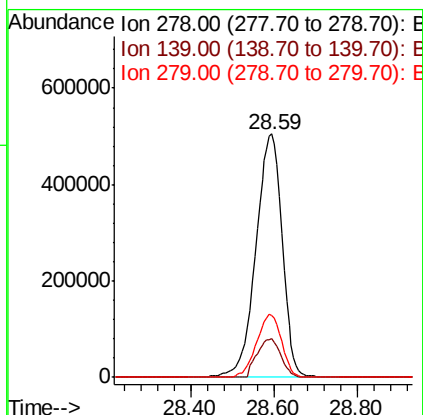
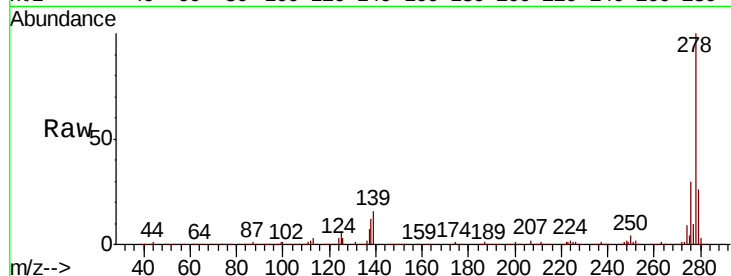




#91
Dibenzo(a,h)anthracene
Concen: 38.965 ng
RT: 28.59 min Scan# 4341
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 2211721
Ion Ratio Lower Upper
278 100
139 15.8 12.6 19.0
279 25.6 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 39.213 ng
RT: 29.66 min Scan# 4523
Delta R.T. 0.00 min
Lab File: BG041643.D
Acq: 15 Jul 2019 9:48

Tgt Ion:276 Resp: 2220211
Ion Ratio Lower Upper
276 100
277 24.8 19.8 29.8
138 20.8 16.6 25.0

