

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041659.D
 Acq On : 16 Jul 2019 9:07
 Operator : HP/JU
 Sample : PB121341BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 17 01:35:08 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 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	144235	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	568186	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	349533	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	821885	20.00	ng	0.00
76) Chrysene-d12	21.66	240	773833	20.00	ng	0.00
87) Perylene-d12	24.86	264	818854	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1186633	134.49	ng	0.00
7) Phenol-d6	7.21	99	1531015	129.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	897860	96.10	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	608635	154.51	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1977080	87.59	ng	0.00
79) Terphenyl-d14	20.01	244	2738466	82.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	93990	22.430	ng	99
3) Pyridine	3.89	79	240940	21.540	ng	98
4) n-Nitrosodimethylamine	3.80	42	134463	26.030	ng	98
6) Aniline	7.37	93	346558	21.728	ng	99
8) 2-Chlorophenol	7.61	128	284038	28.436	ng	99
9) Benzaldehyde	7.18	77	195110	24.050	ng	97
10) Phenol	7.24	94	357895	28.624	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	269840	26.722	ng	99
12) 1,3-Dichlorobenzene	7.94	146	310775	26.075	ng	98
13) 1,4-Dichlorobenzene	8.08	146	317461	26.598	ng	98
14) 1,2-Dichlorobenzene	8.41	146	299289	26.596	ng	97
15) Benzyl Alcohol	8.28	79	243106	25.731	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	542760	25.939	ng	99
17) 2-Methylphenol	8.48	107	249192	28.819	ng	99
18) Hexachloroethane	9.14	117	114462	26.182	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	228230	26.312	ng	98
20) 3+4-Methylphenols	8.81	107	339565	28.657	ng	99
22) Acetophenone	8.87	105	416119	30.070	ng	# 97
24) Nitrobenzene	9.25	77	312151	30.627	ng	99
25) Isophorone	9.78	82	592401	28.957	ng	97
26) 2-Nitrophenol	9.96	139	147018	33.049	ng	99
27) 2,4-Dimethylphenol	10.02	122	282810	34.938	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	359009	28.472	ng	99
29) 2,4-Dichlorophenol	10.50	162	289868	31.409	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	315855	29.148	ng	98
31) Naphthalene	10.91	128	831315	29.719	ng	98
32) Benzoic acid	10.15	122	176188	31.092	ng	96
33) 4-Chloroaniline	11.00	127	204688	15.864	ng	97
34) Hexachlorobutadiene	11.20	225	202862	29.127	ng	97
35) Caprolactam	11.77	113	49441	14.575	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	295291	30.542	ng	98
37) 2-Methylnaphthalene	12.51	142	635156	29.720	ng	99
38) 1-Methylnaphthalene	12.72	142	597428	29.322	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	361220	30.170	ng	100

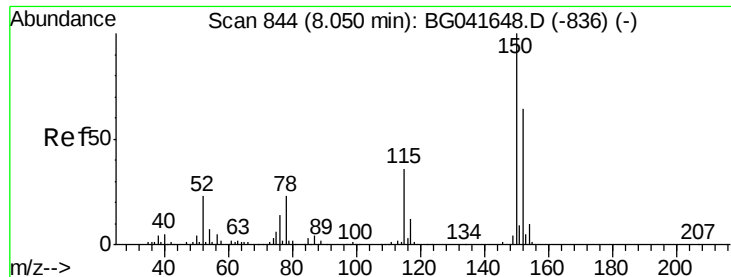
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041659.D
 Acq On : 16 Jul 2019 9:07
 Operator : HP/JU
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Quant Time: Jul 17 01:35:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	452234	66.772	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	248572	31.952	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	264504	32.270	ng	97
46) 1,1'-Biphenyl	13.51	154	799632	30.536	ng	98
47) 2-Chloronaphthalene	13.55	162	638126	29.239	ng	99
48) 2-Nitroaniline	13.74	65	198165	31.186	ng	97
49) Acenaphthylene	14.39	152	1020328	29.948	ng	98
50) Dimethylphthalate	14.12	163	811817	29.572	ng	98
51) 2,6-Dinitrotoluene	14.23	165	187279	32.163	ng	95
52) Acenaphthene	14.73	154	695426	32.390	ng	99
53) 3-Nitroaniline	14.56	138	137986	21.708	ng	97
54) 2,4-Dinitrophenol	14.76	184	200705	69.341	ng	94
55) Dibenzofuran	15.07	168	977513	30.340	ng	96
56) 4-Nitrophenol	14.86	139	346068	67.247	ng	98
57) 2,4-Dinitrotoluene	15.02	165	254079	33.009	ng	98
58) Fluorene	15.72	166	786123	29.987	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	246557	32.583	ng	98
60) Diethylphthalate	15.49	149	819028	29.615	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	446921	30.159	ng	98
62) 4-Nitroaniline	15.72	138	207858	30.833	ng	99
63) Azobenzene	16.00	77	735872	29.431	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	135384	36.549	ng	97
66) n-Nitrosodiphenylamine	15.91	169	735201	30.461	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	292697	29.930	ng	99
68) Hexachlorobenzene	16.71	284	284798	28.920	ng	99
69) Atrazine	16.86	200	281236	32.109	ng	100
70) Pentachlorophenol	17.05	266	413447	67.146	ng	99
71) Phenanthrene	17.45	178	1247433	30.138	ng	97
72) Anthracene	17.54	178	1295294	31.395	ng	96
73) Carbazole	17.80	167	1189387	31.084	ng	97
74) Di-n-butylphthalate	18.37	149	1380216	29.575	ng	97
75) Fluoranthene	19.45	202	1542059	30.341	ng	95
77) Benzidine	19.62	184	631528	20.201	ng	97
78) Pyrene	19.81	202	1550386	29.623	ng	95
80) Butylbenzylphthalate	20.70	149	649824	29.879	ng	96
81) Benzo(a)anthracene	21.64	228	1503999	30.081	ng	95
82) 3,3'-Dichlorobenzidine	21.55	252	551057	28.009	ng	96
83) Chrysene	21.70	228	1464554	30.655	ng	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	926747	30.181	ng	97
85) Di-n-octyl phthalate	22.78	149	1587637	30.360	ng	98
86) Indeno(1,2,3-cd)pyrene	28.50	276	1891412	30.005	ng	# 93
88) Benzo(b)fluoranthene	23.84	252	1652863	33.277	ng	97
89) Benzo(k)fluoranthene	23.91	252	1595620	34.669	ng	99
90) Benzo(a)pyrene	24.70	252	1606020	34.175	ng	98
91) Dibenzo(a,h)anthracene	28.58	278	1558629	34.207	ng	97
92) Benzo(g,h,i)perylene	29.64	276	1572386	34.435	ng	99

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

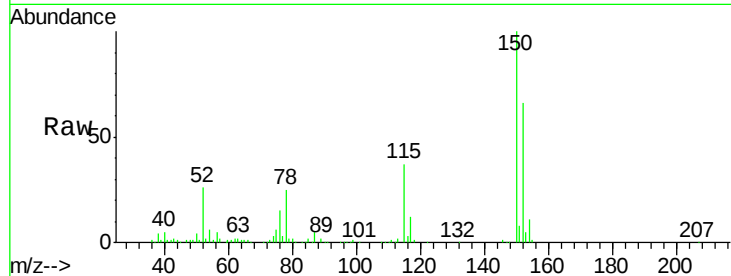


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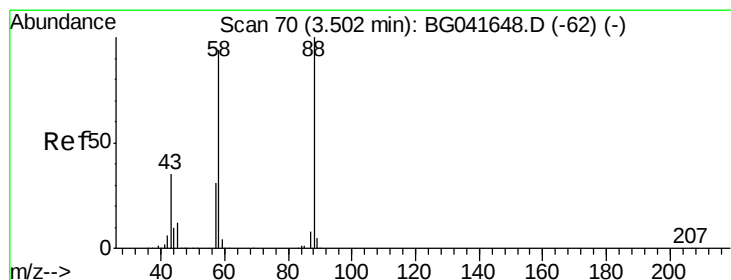
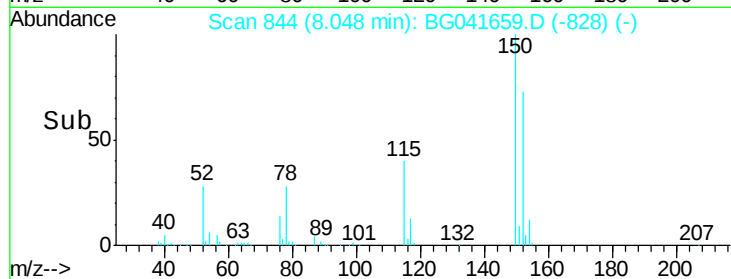
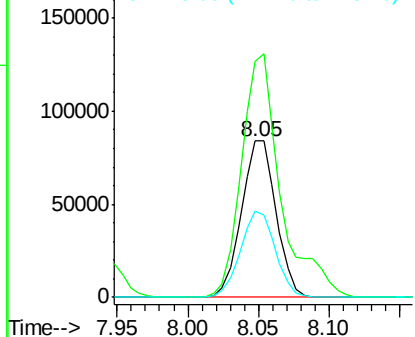
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.9	190.3
115	55.5	45.0	67.6



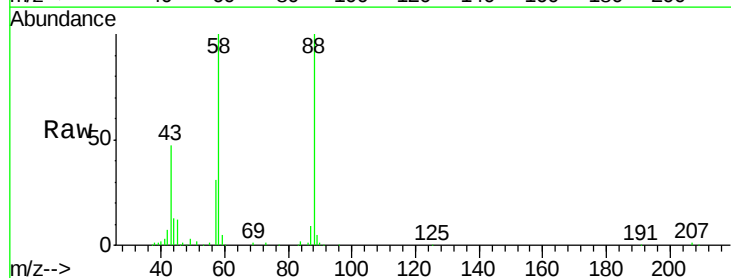
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



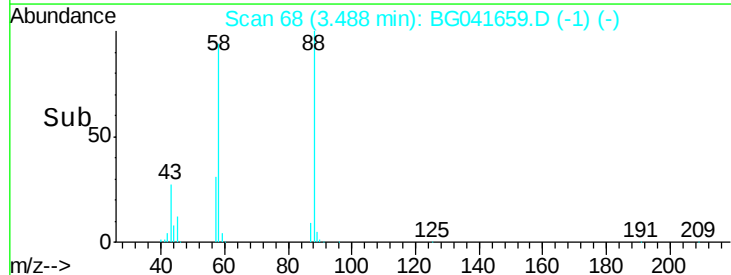
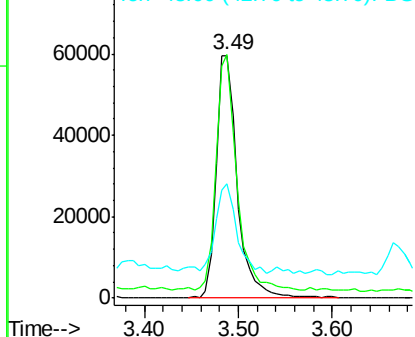
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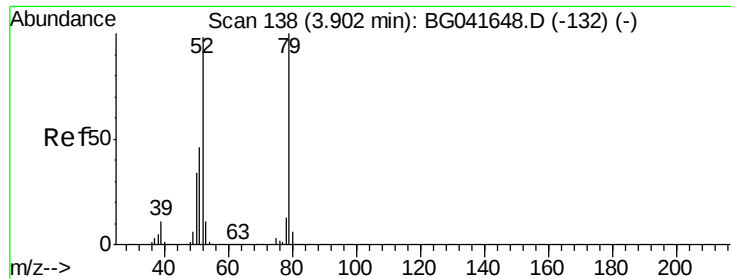
1,4-Dioxane
Concen: 22.430 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.4	76.2	114.2
43	36.4	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: 21.540 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

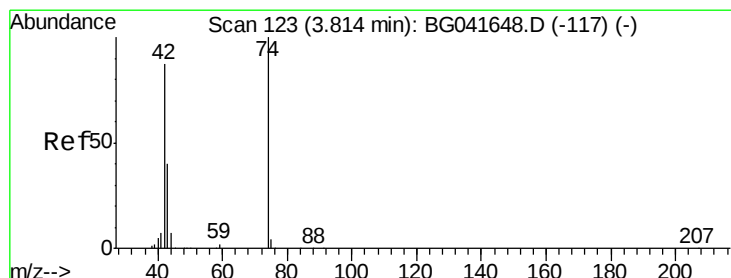
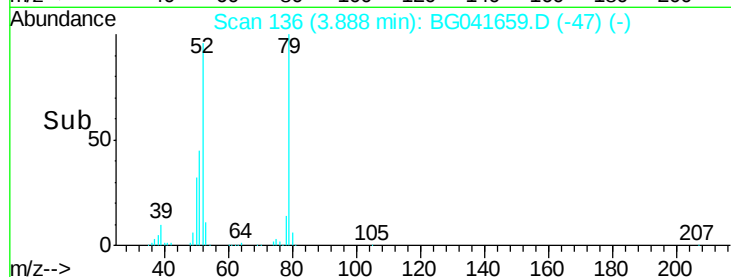
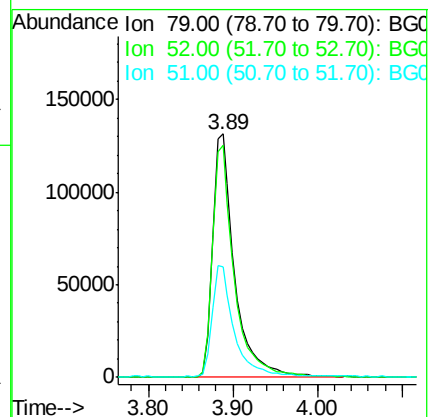
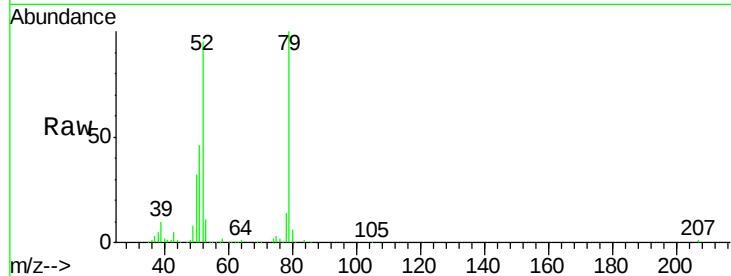
Tot Ion: 79 Resp: 240940

Ion Ratio Lower Upper

79 100

52 95.4 77.1 115.7

51 45.6 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 26.030 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

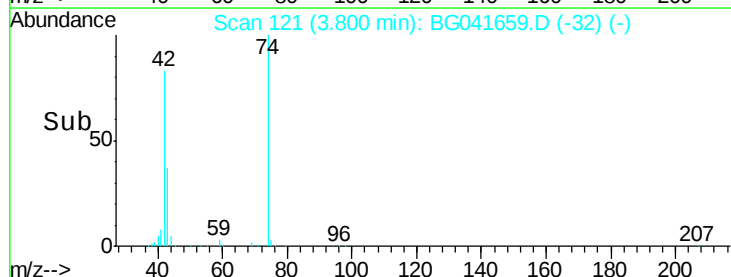
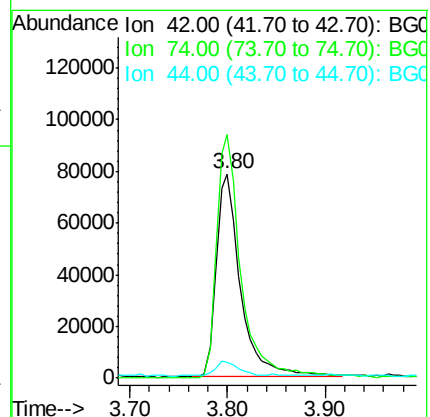
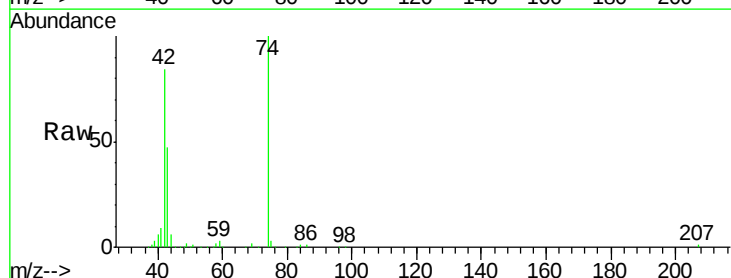
Tgt Ion: 42 Resp: 134463

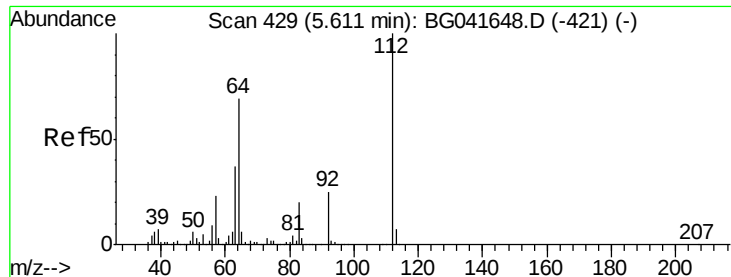
Ion Ratio Lower Upper

42 100

74 119.1 97.4 146.2

44 7.7 6.6 9.8





#5

2-Fluorophenol

Concen: 134.492 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

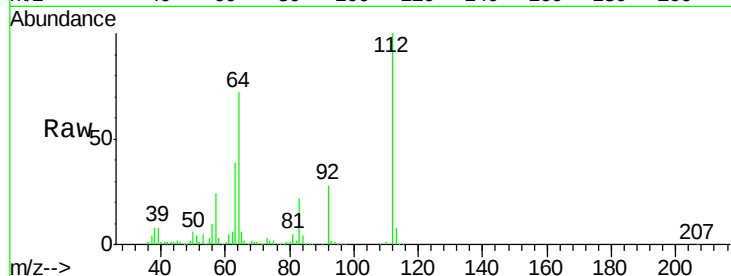
Tot Ion:112 Resp: 1186633

Ion Ratio Lower Upper

112 100

64 72.5 55.4 83.2

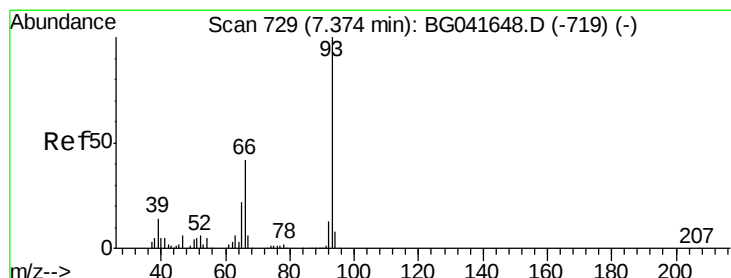
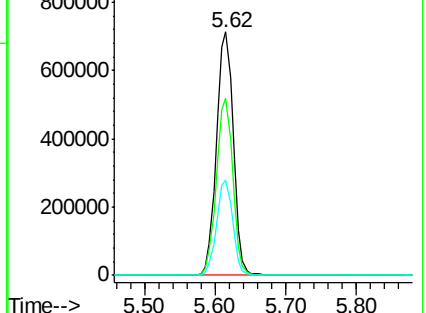
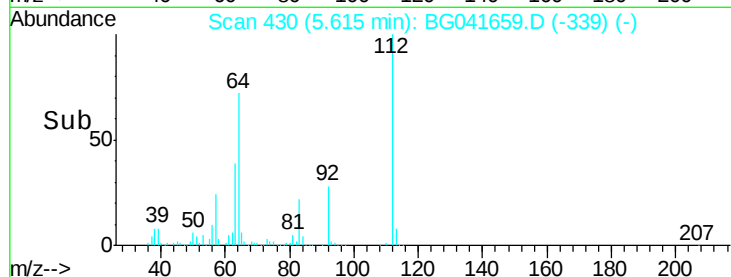
63 39.1 29.1 43.7



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: 21.728 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

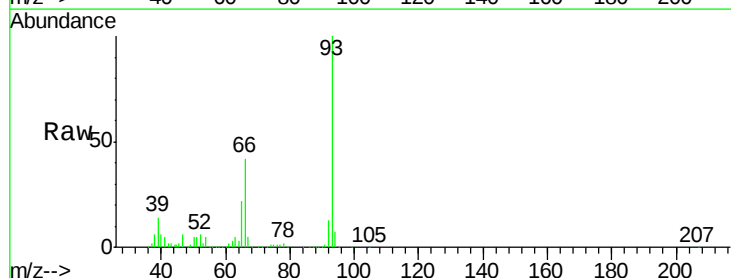
Tgt Ion: 93 Resp: 346558

Ion Ratio Lower Upper

93 100

66 42.0 34.2 51.2

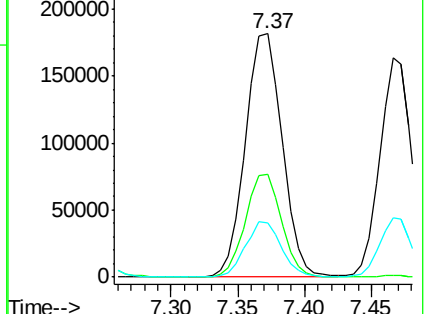
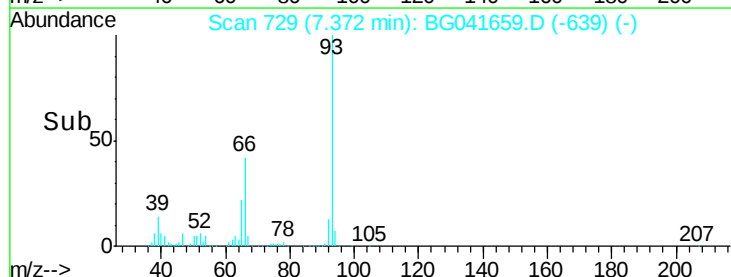
65 22.4 18.2 27.2

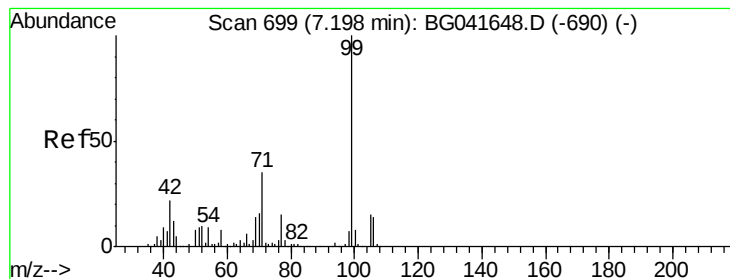


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.010 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

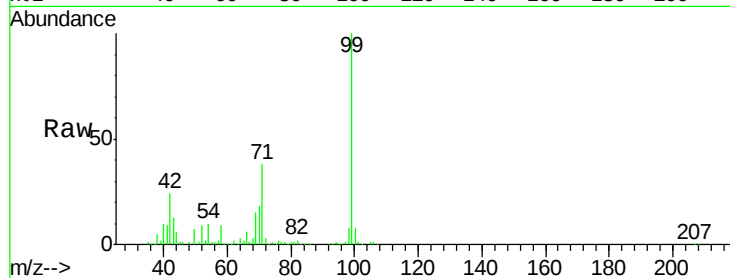
Tot Ion: 99 Resp: 1531015

Ion Ratio Lower Upper

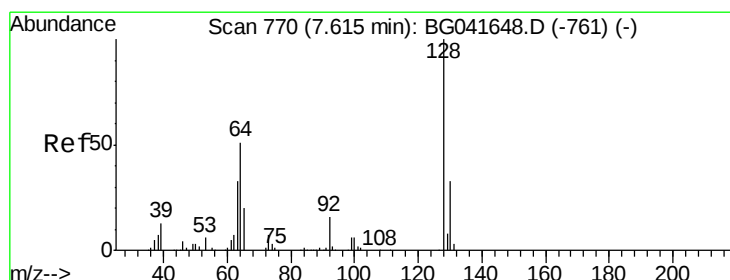
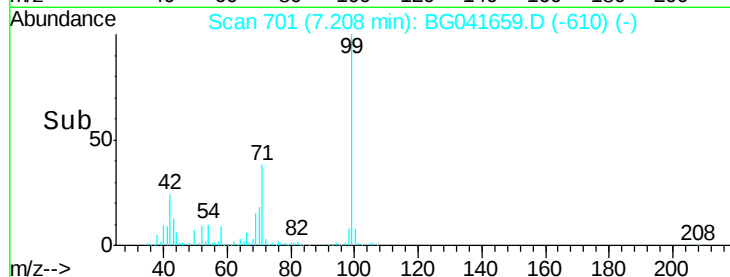
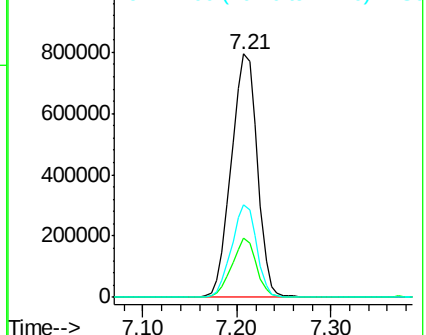
99 100

42 24.3 17.6 26.4

71 38.0 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: 28.436 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

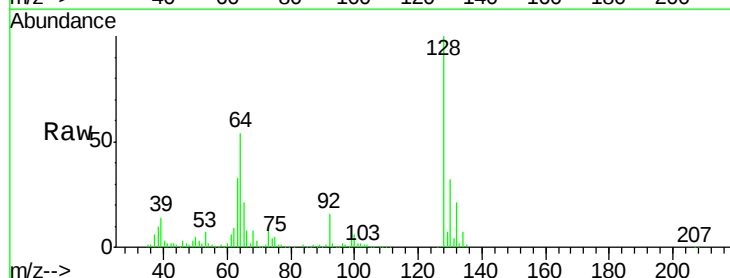
Tgt Ion:128 Resp: 284038

Ion Ratio Lower Upper

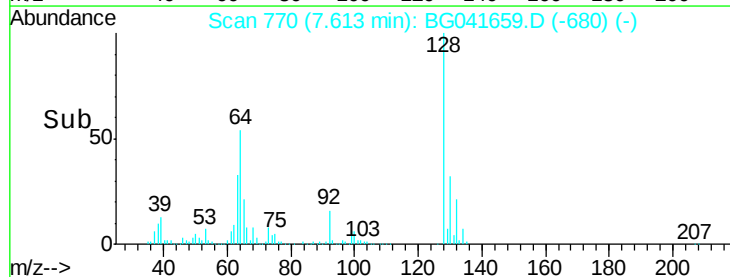
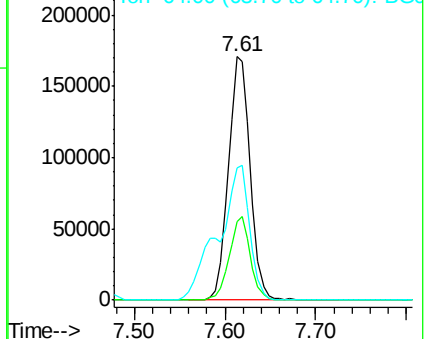
128 100

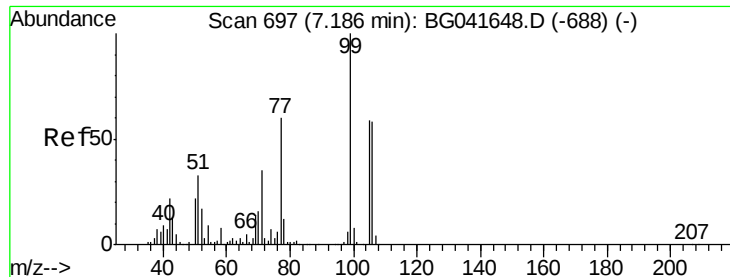
130 32.3 12.4 52.4

64 54.2 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: 24.050 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampled :

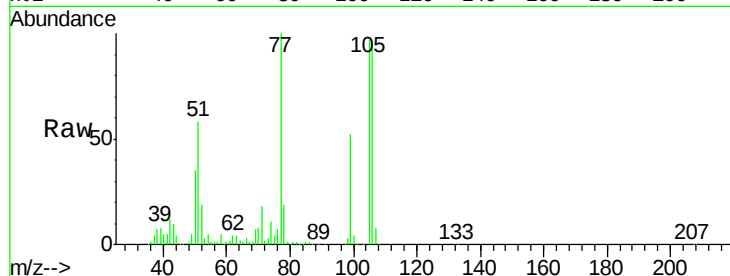
Tot Ion: 77 Resp: 195110

Ion Ratio Lower Upper

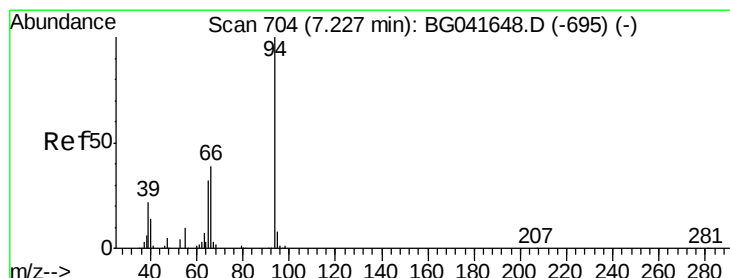
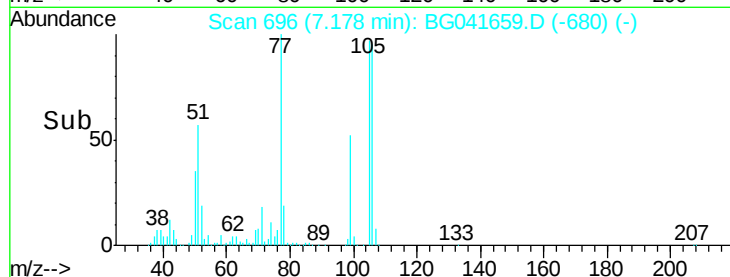
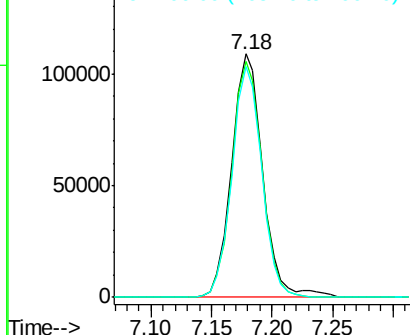
77 100

105 96.8 74.6 114.6

106 94.6 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: 28.624 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

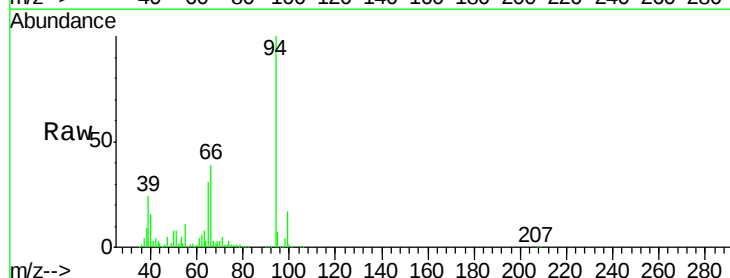
Tgt Ion: 94 Resp: 357895

Ion Ratio Lower Upper

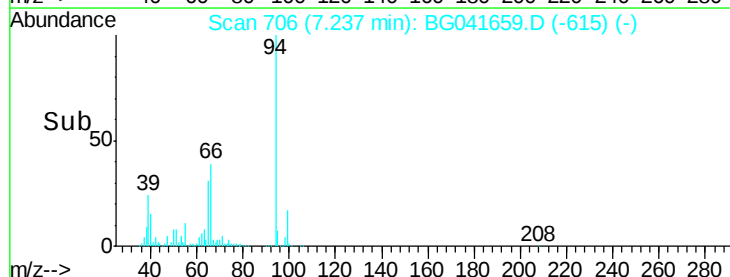
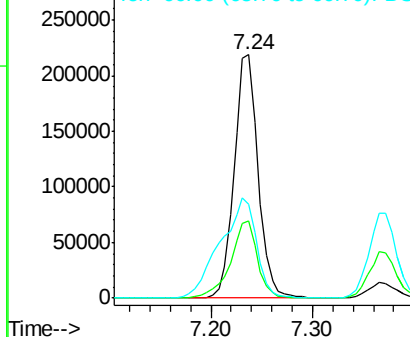
94 100

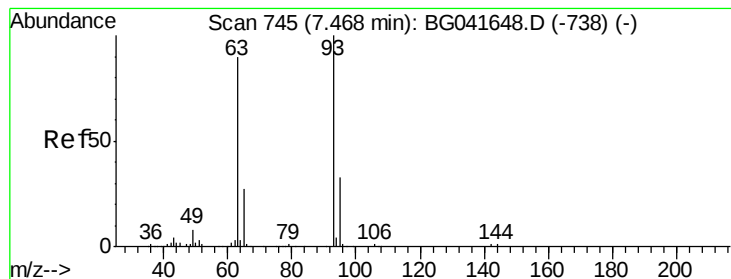
65 31.5 10.6 50.6

66 38.5 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: 26.722 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampled :

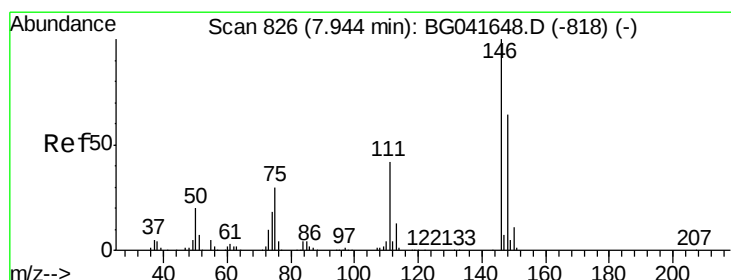
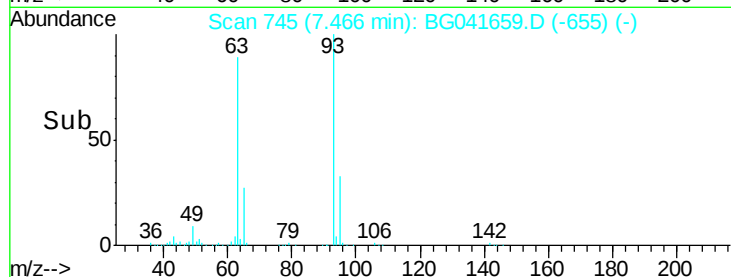
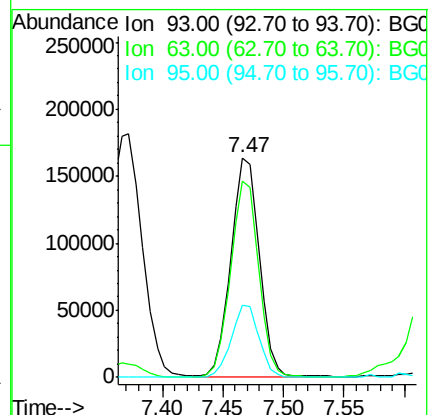
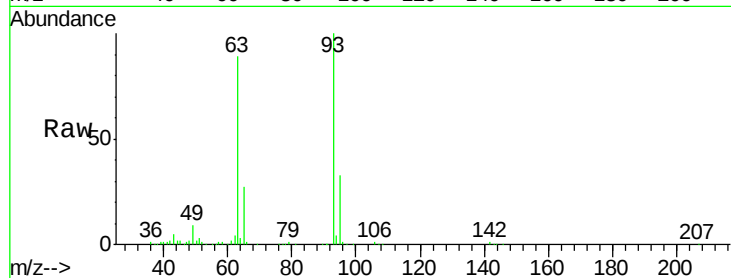
Tot Ion: 93 Resp: 269840

Ion Ratio Lower Upper

93 100

63 89.3 70.4 110.4

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 26.075 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

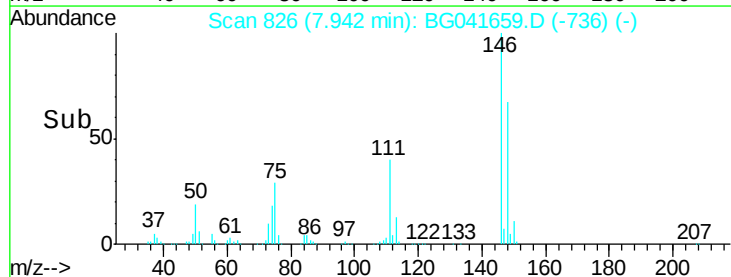
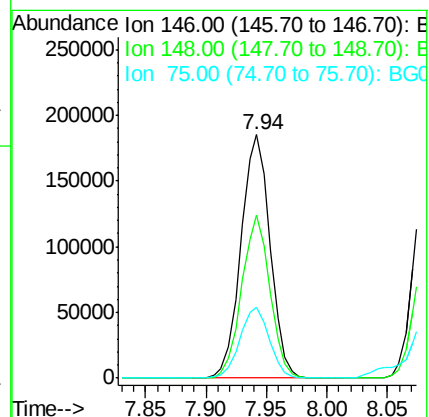
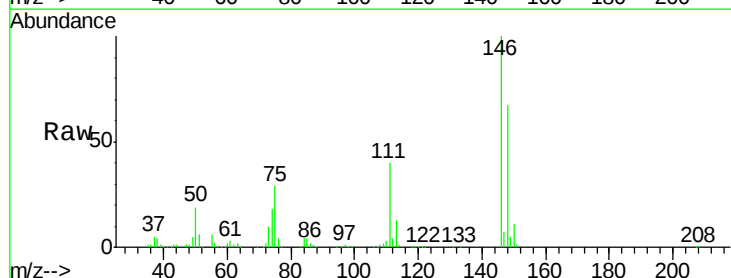
Tgt Ion: 146 Resp: 310775

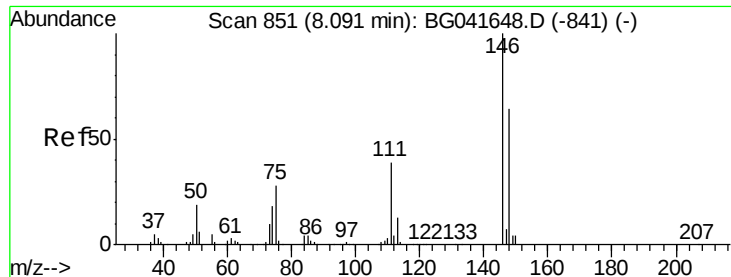
Ion Ratio Lower Upper

146 100

148 66.9 51.5 77.3

75 29.2 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 26.598 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampled :

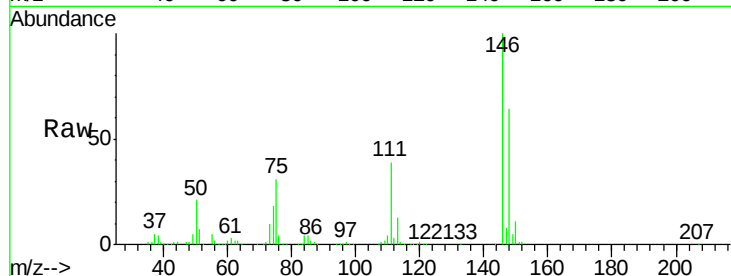
Tot Ion:146 Resp: 317461

Ion Ratio Lower Upper

146 100

148 63.9 52.6 79.0

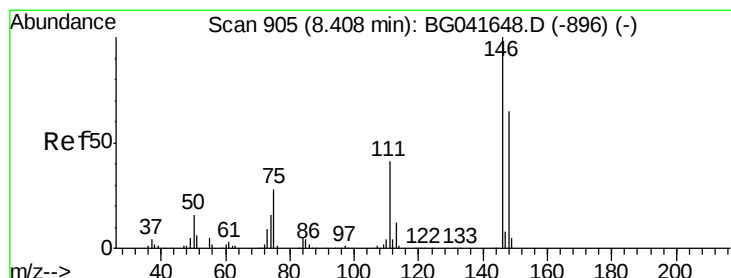
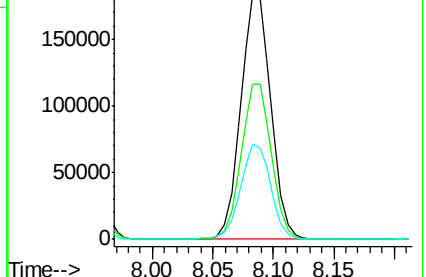
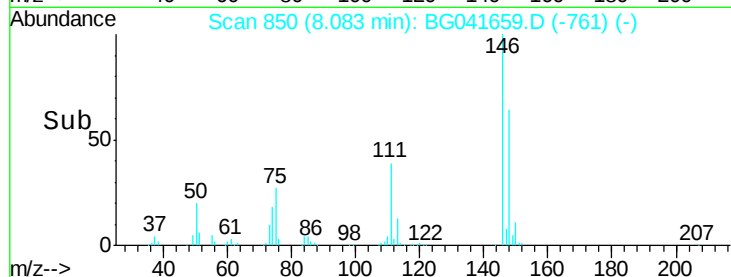
111 39.2 32.5 48.7



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: 26.596 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

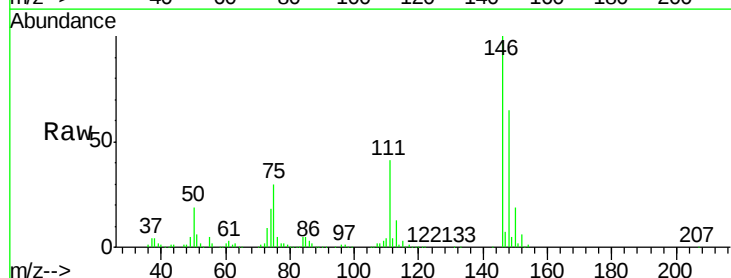
Tgt Ion:146 Resp: 299289

Ion Ratio Lower Upper

146 100

148 65.2 53.5 80.3

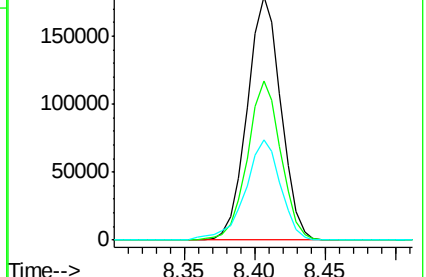
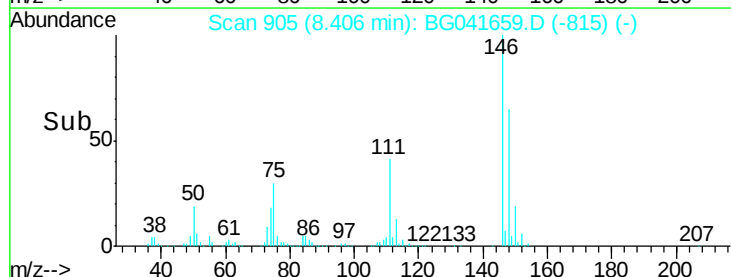
111 41.4 35.4 53.0

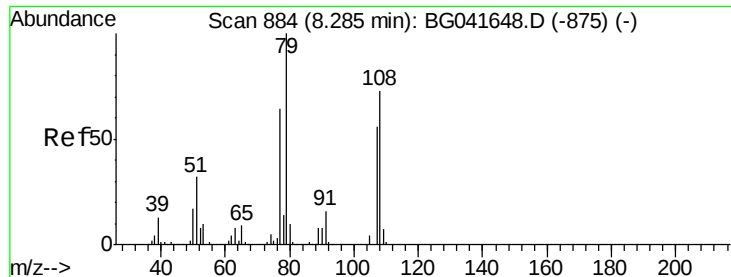


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.731 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

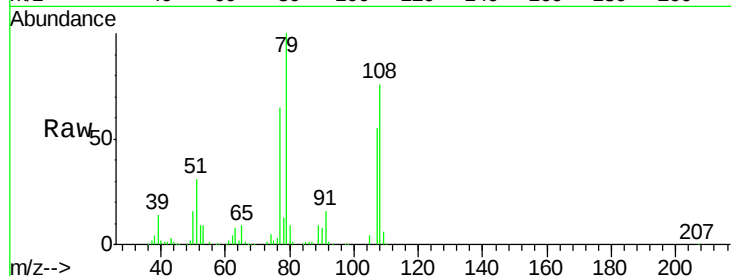
Tot Ion: 79 Resp: 243106

Ion Ratio Lower Upper

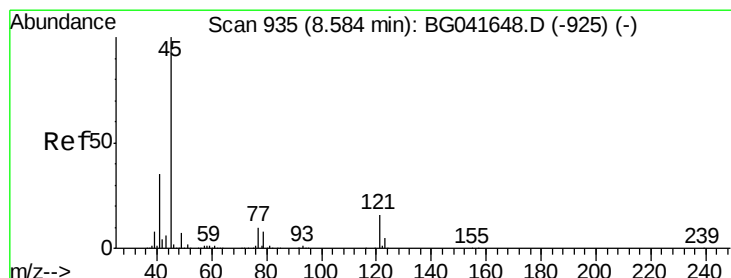
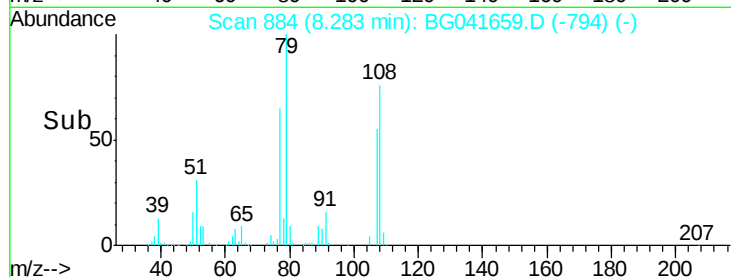
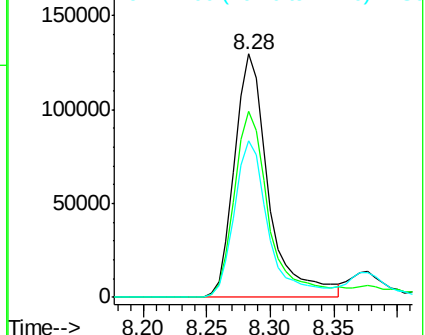
79 100

108 76.5 60.5 90.7

77 64.5 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.939 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

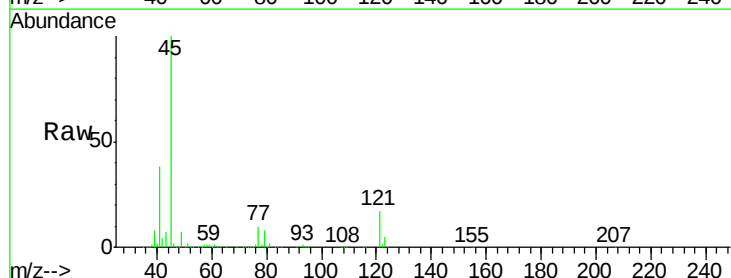
Tgt Ion: 45 Resp: 542760

Ion Ratio Lower Upper

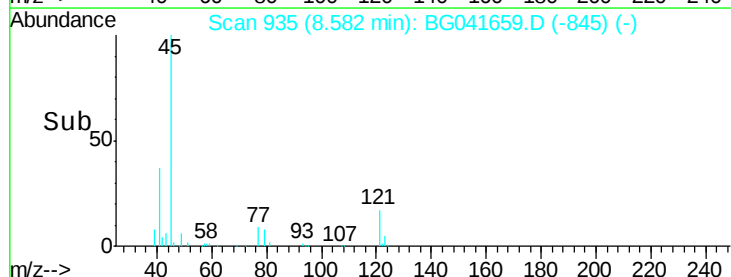
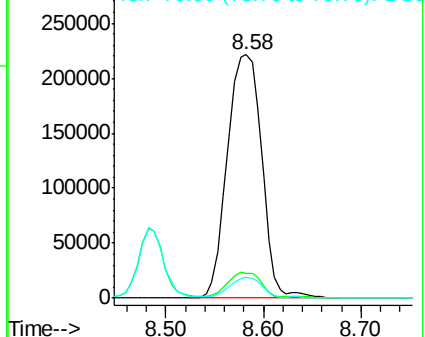
45 100

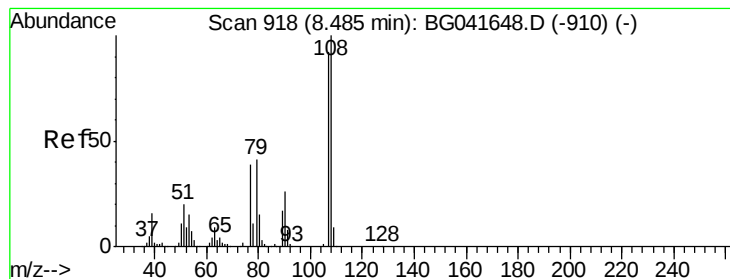
77 10.2 0.0 30.4

79 8.5 0.0 27.9



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





#17

2-Methylphenol

Concen: 28.819 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 249192

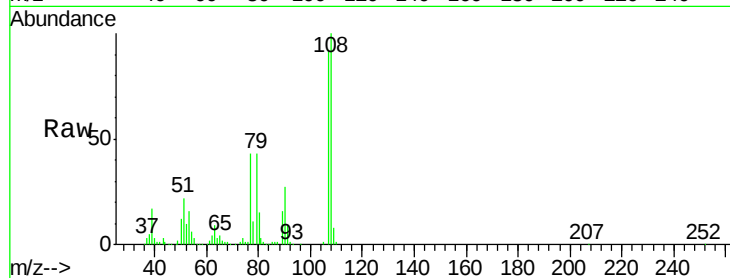
Ion Ratio Lower Upper

107 100

108 108.7 87.6 131.4

77 46.3 36.1 54.1

79 46.7 36.4 54.6

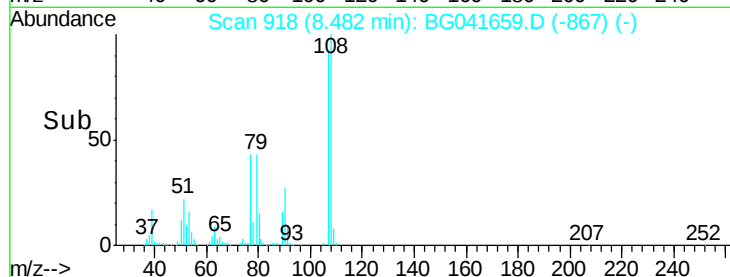


Abundance Ion 107.00 (106.70 to 107.70): E

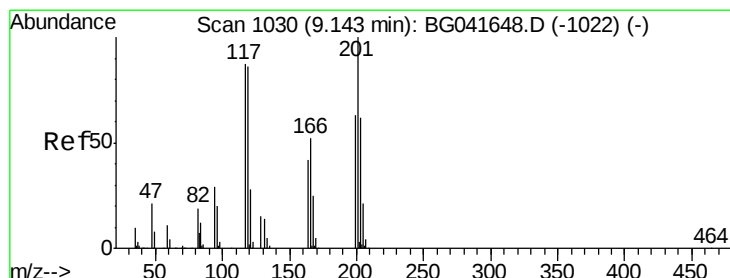
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 26.182 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

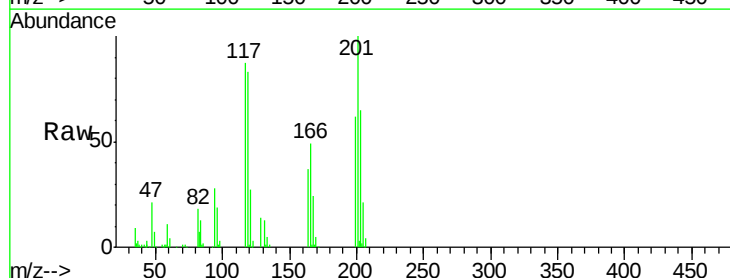
Tgt Ion:117 Resp: 114462

Ion Ratio Lower Upper

117 100

119 96.0 76.2 114.2

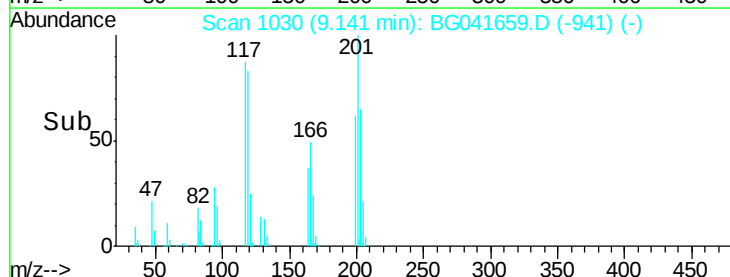
201 115.5 94.1 141.1



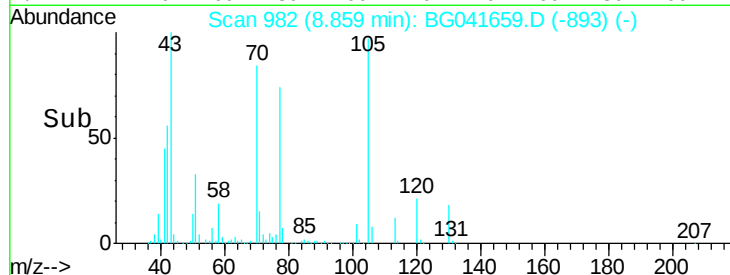
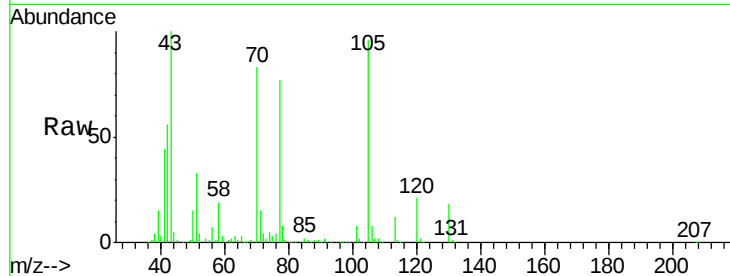
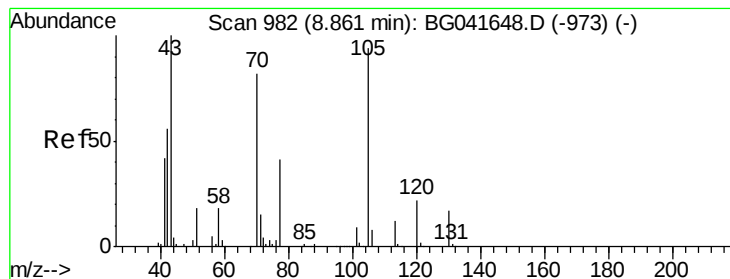
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 26.312 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 228230

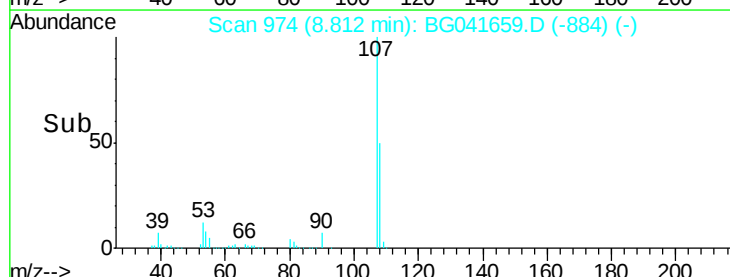
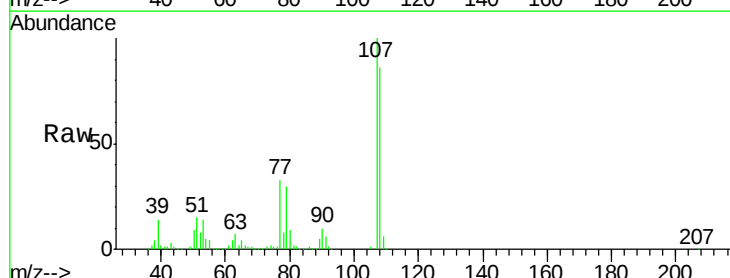
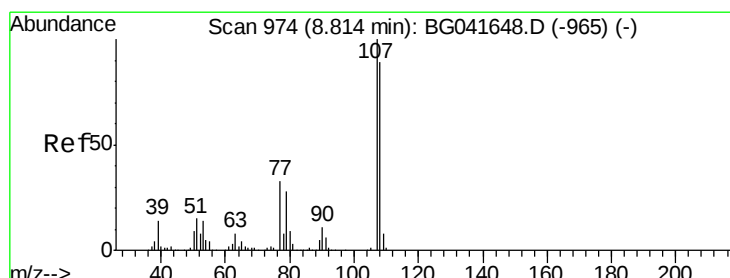
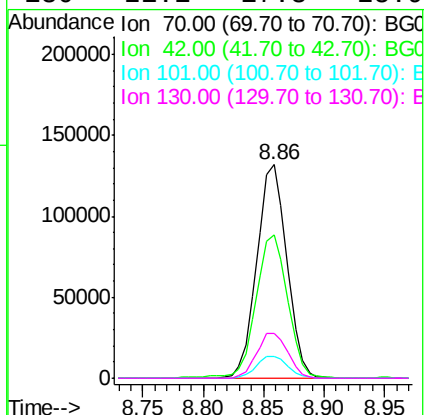
Ion Ratio Lower Upper

70 100

42 67.3 55.8 83.6

101 10.2 8.1 12.1

130 21.1 17.3 25.9



#20

3+4-Methylphenols

Concen: 28.657 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Tgt Ion: 107 Resp: 339565

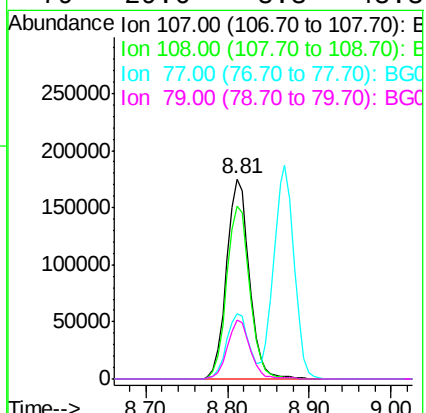
Ion Ratio Lower Upper

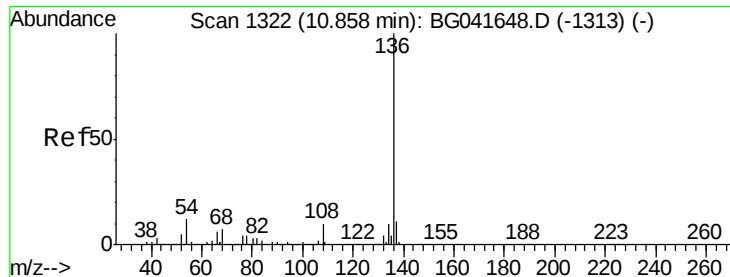
107 100

108 86.5 67.5 107.5

77 32.9 12.3 52.3

79 29.6 8.3 48.3

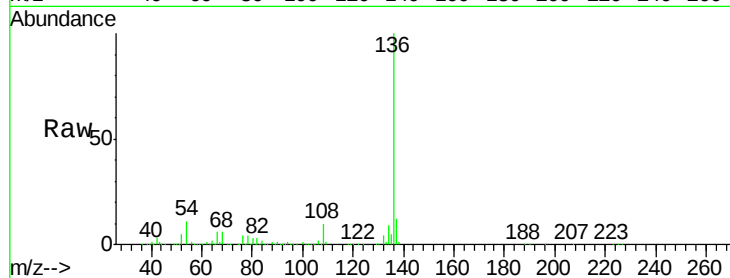




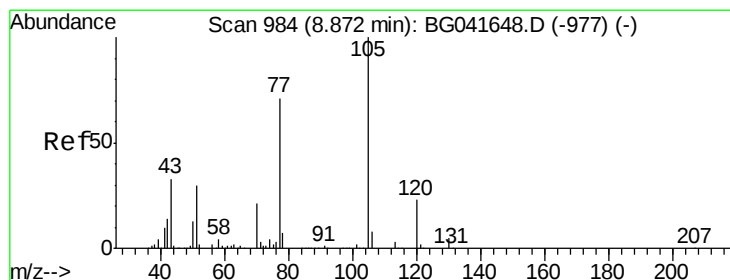
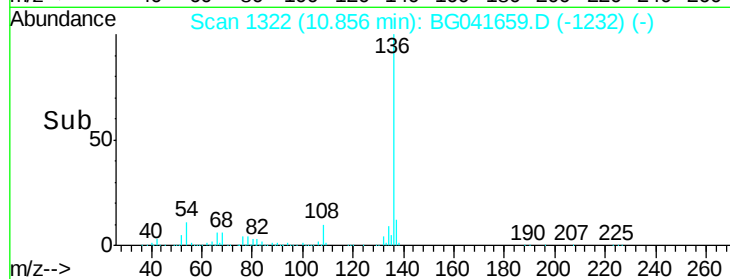
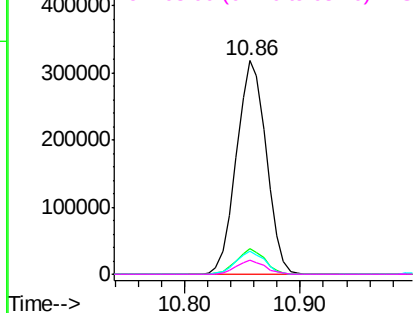
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 568186
Ion Ratio	Lower Upper
136 100	
137 12.0	9.2 13.8
54 10.9	8.7 13.1
68 6.4	5.5 8.3

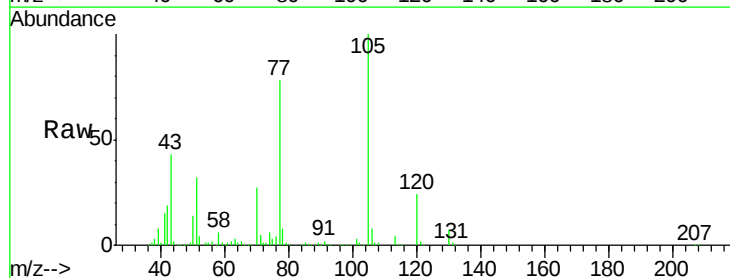


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

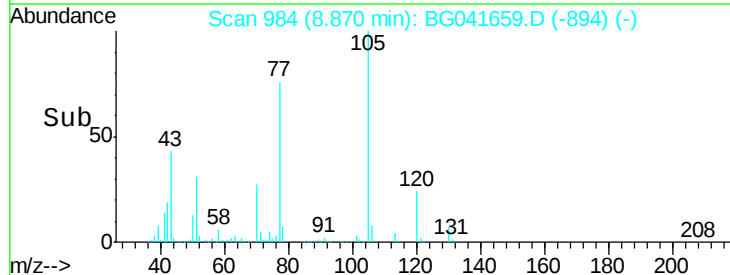
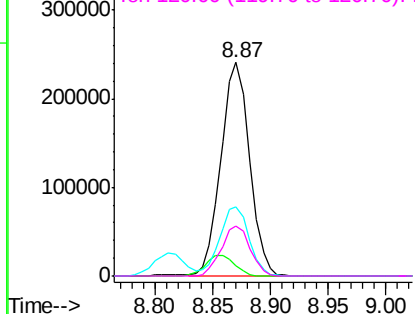


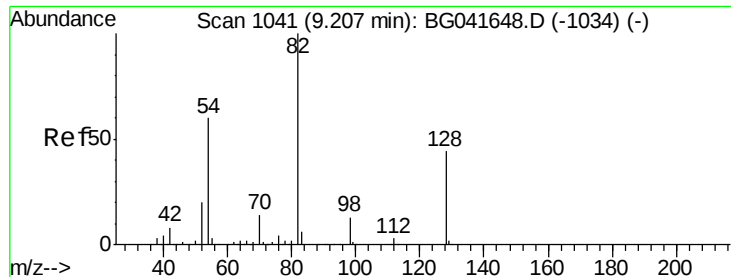
#22
Acetophenone
Concen: 30.070 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt	Ion:105	Resp:	416119
Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.9	8.9#
51	32.5	27.7	41.5
120	23.6	19.3	28.9



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

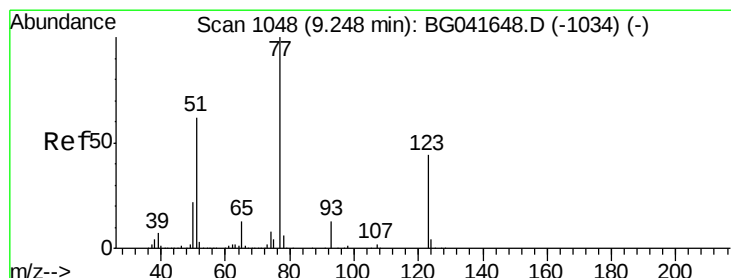
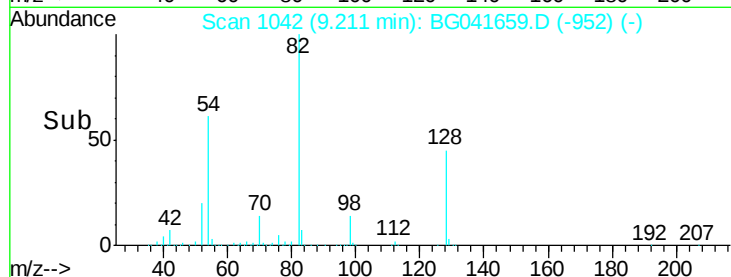
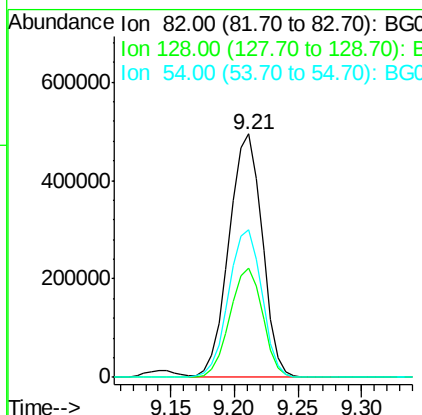
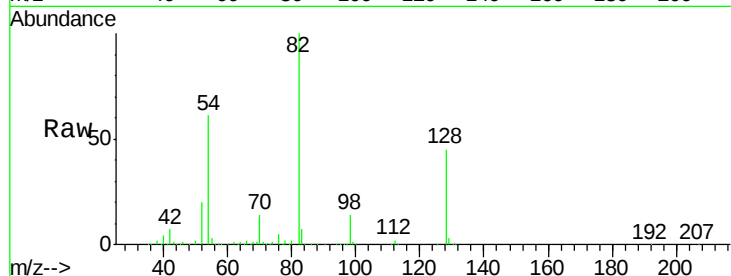




#23
 Nitrobenzene-d5
 Concen: 96.101 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

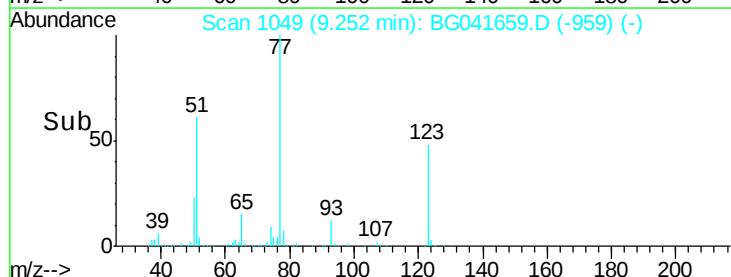
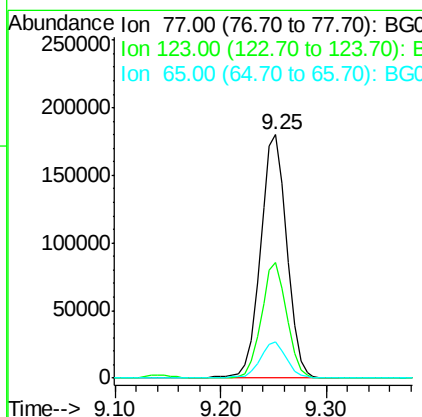
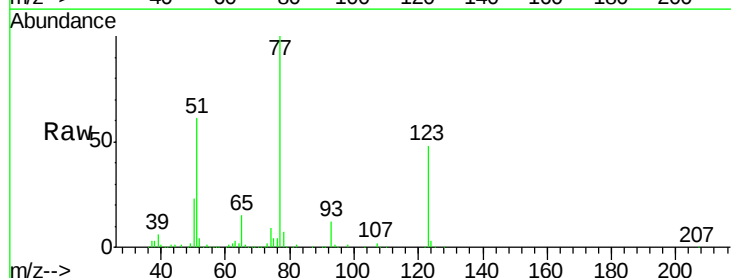
Instrument :
 BNA_G
 ClientSampleId :

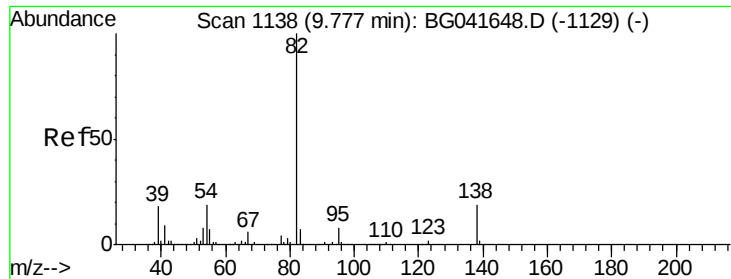
Tot Ion	82	Resp	897860
Ion Ratio	Lower	Upper	
82	100		
128	44.9	35.1	52.7
54	60.9	48.7	73.1



#24
 Nitrobenzene
 Concen: 30.627 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion	77	Resp	312151
Ion Ratio	Lower	Upper	
77	100		
123	47.5	38.1	57.1
65	14.7	11.0	16.6

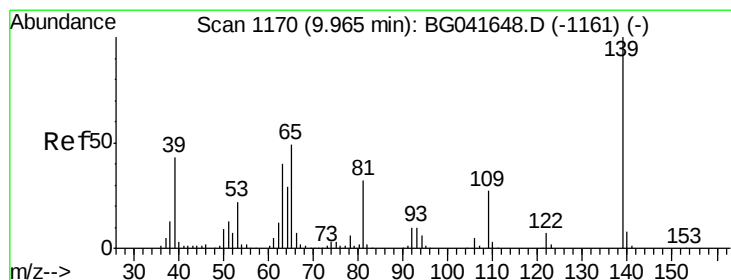
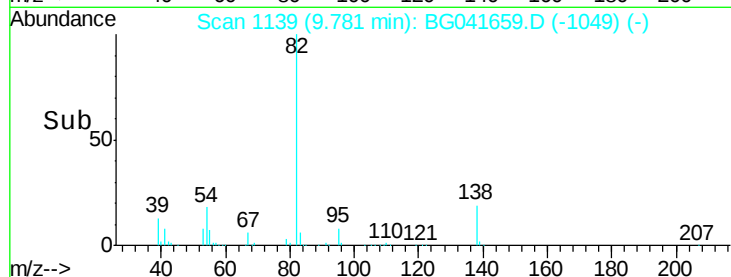
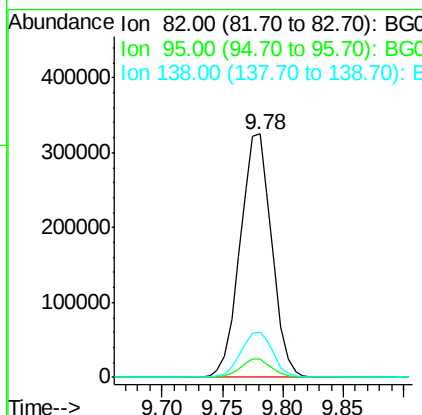
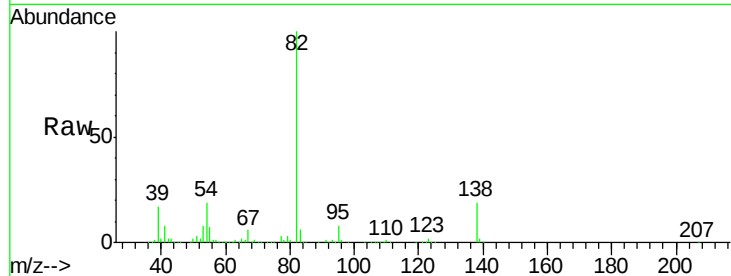




#25
Isophorone
Concen: 28.957 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

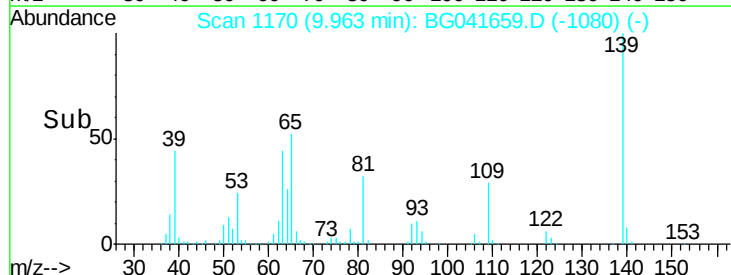
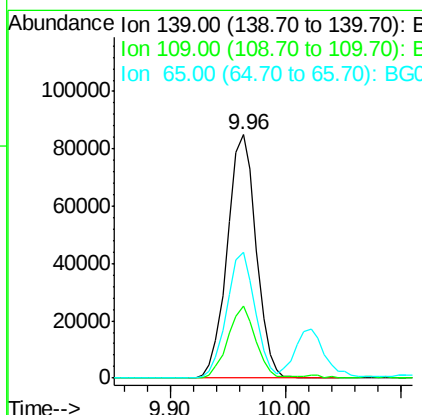
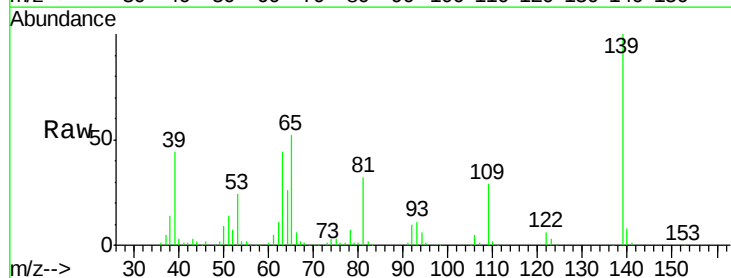
Instrument :
BNA_G
ClientSampleId :

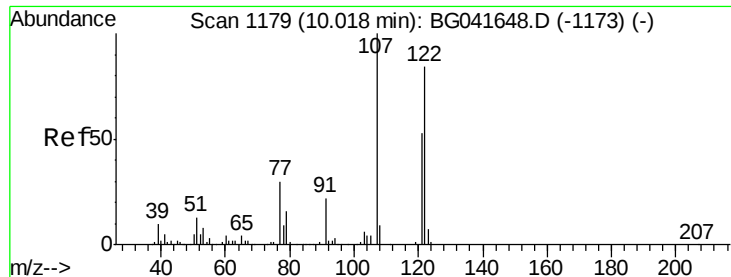
Tot Ion	82	Resp	592401
Ion Ratio	100	Lower	Upper
95	7.6	5.9	8.9
138	18.7	16.3	24.5



#26
2-Nitrophenol
Concen: 33.049 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	139	Resp	147018
Ion Ratio	100	Lower	Upper
109	29.4	22.7	34.1
65	51.7	41.1	61.7

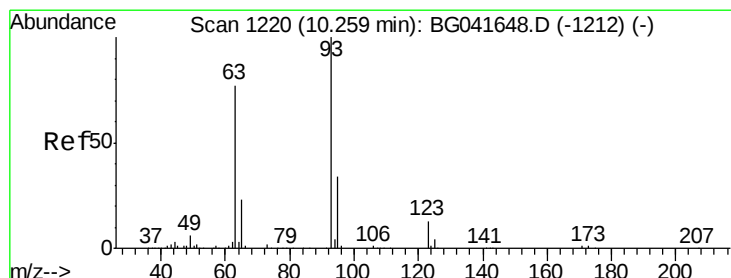
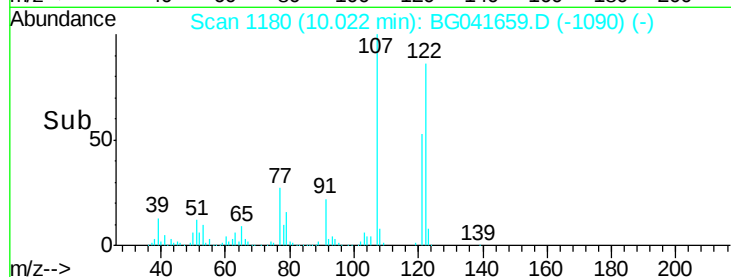
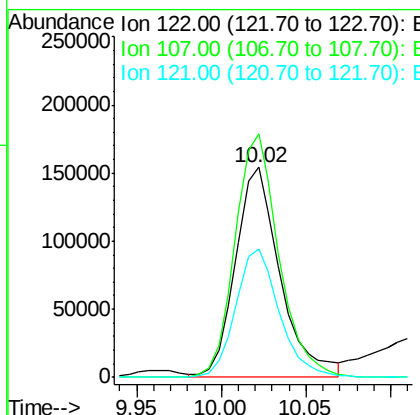
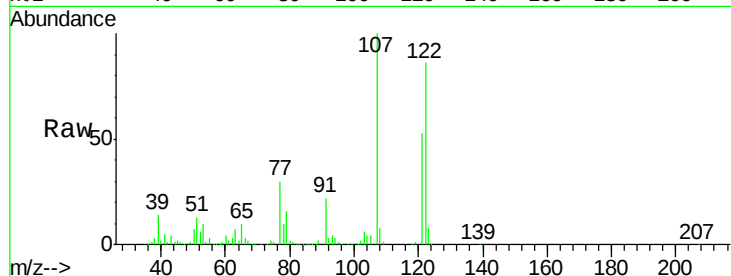




#27
2,4-Dimethylphenol
Concen: 34.938 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

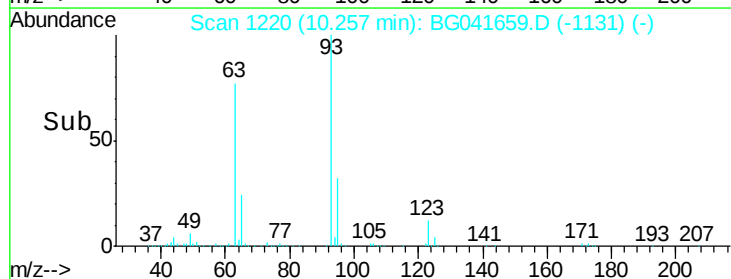
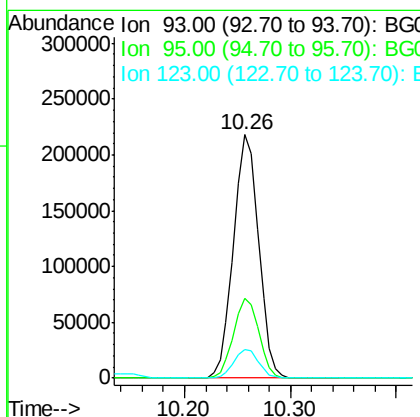
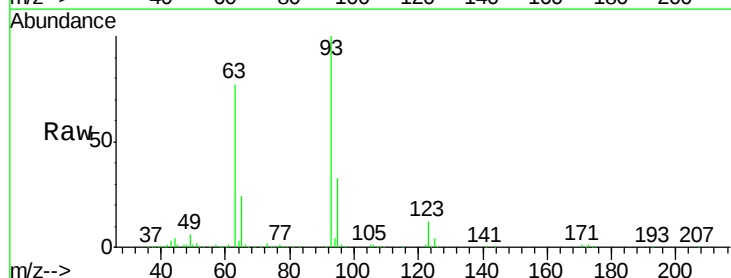
Instrument :
BNA_G
ClientSampled :

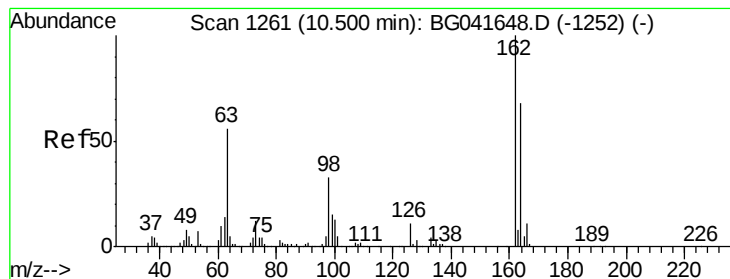
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.3	136.9
121	61.0	49.2	73.8



#28
bis(2-Chloroethoxy)methane
Concen: 28.472 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.8	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 31.409 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

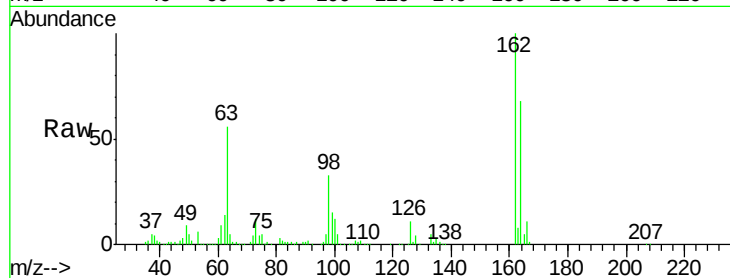
Tot Ion:162 Resp: 289868

Ion Ratio Lower Upper

162 100

164 68.0 46.1 86.1

98 33.4 14.7 54.7

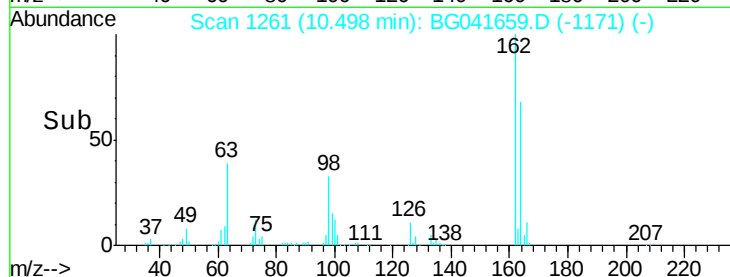


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



200000

150000

100000

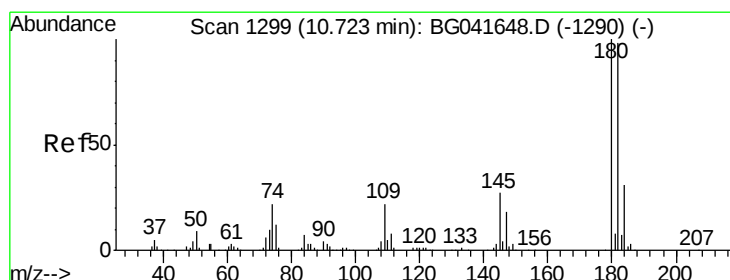
50000

0

10.40

10.50

10.60



#30

1,2,4-Trichlorobenzene

Concen: 29.148 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

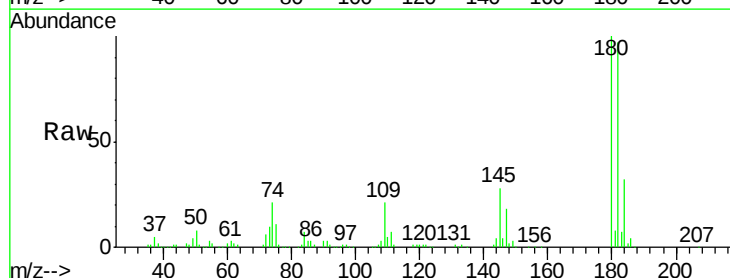
Tgt Ion:180 Resp: 315855

Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.2

145 28.1 23.8 35.8

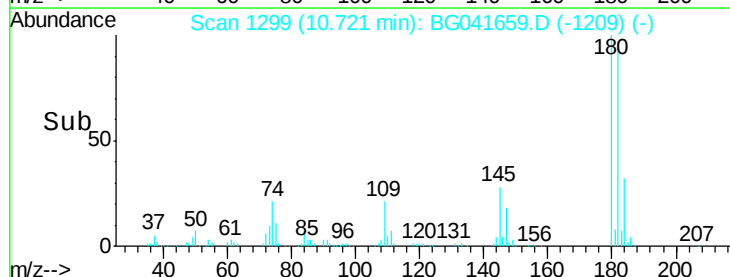


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



250000

200000

150000

100000

50000

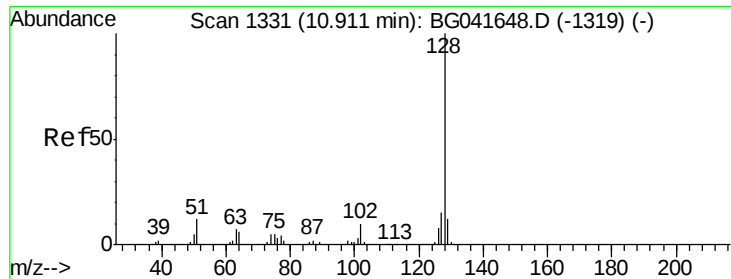
0

10.65

10.70

10.75

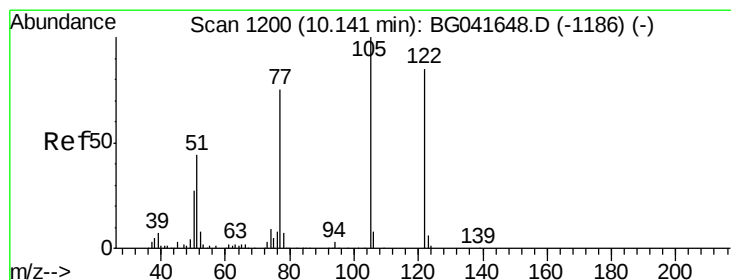
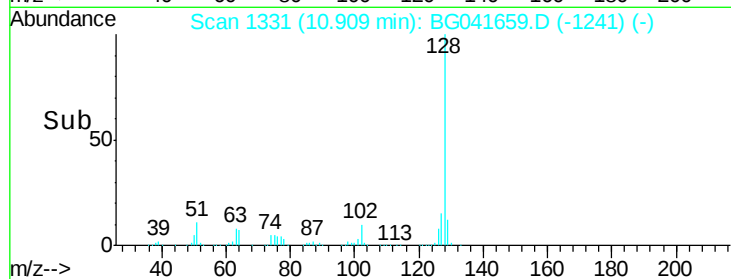
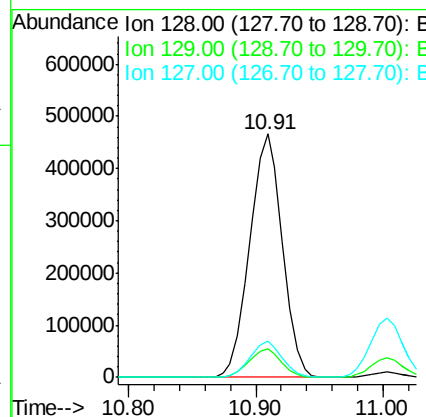
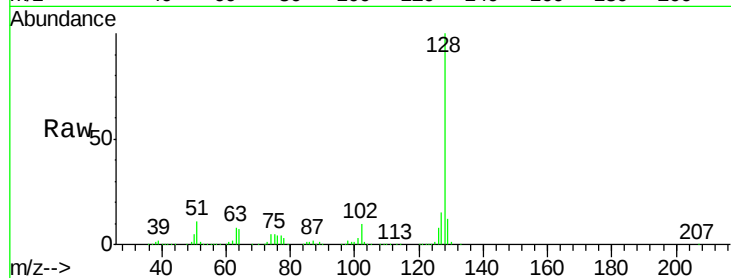
10.80



#31
Naphthalene
Concen: 29.719 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

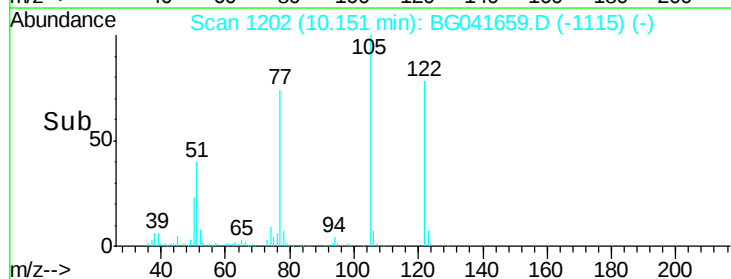
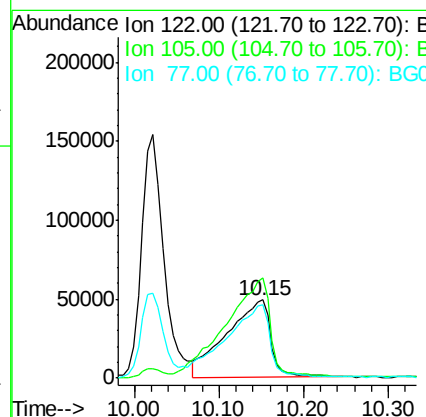
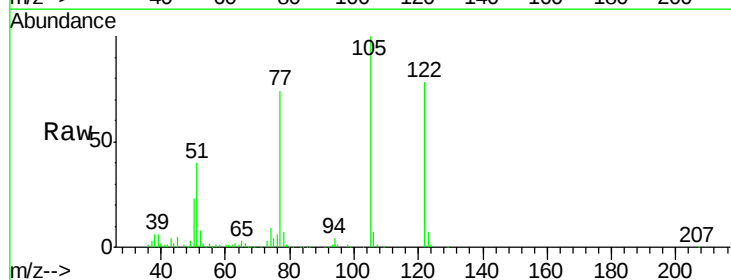
Instrument :
BNA_G
ClientSampleId :

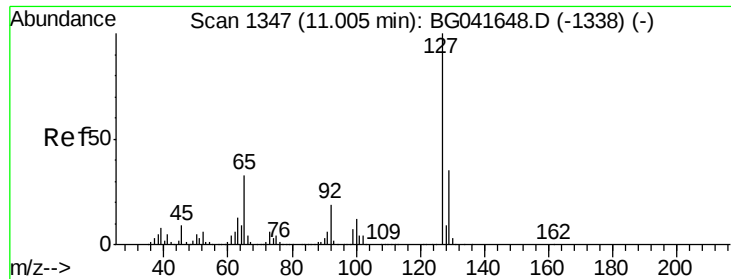
Tot Ion:128 Resp: 831315
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 14.8 12.3 18.5



#32
Benzoic acid
Concen: 31.092 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:122 Resp: 176188
Ion Ratio Lower Upper
122 100
105 127.9 101.5 141.5
77 94.5 73.0 113.0

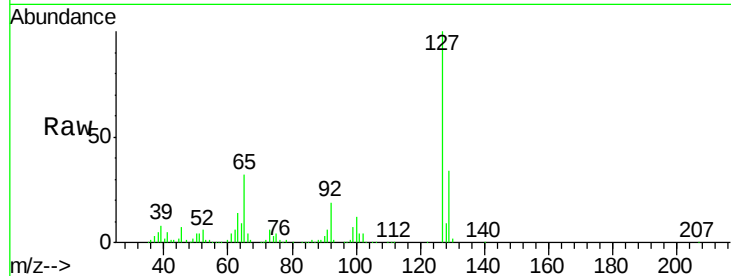




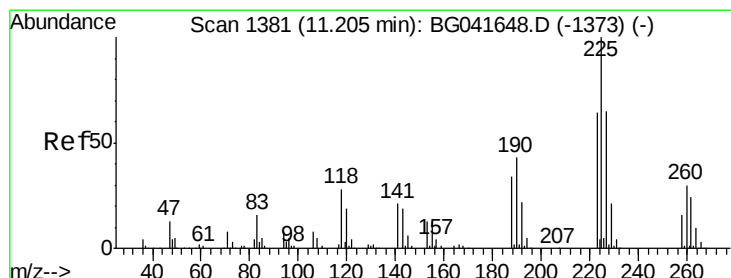
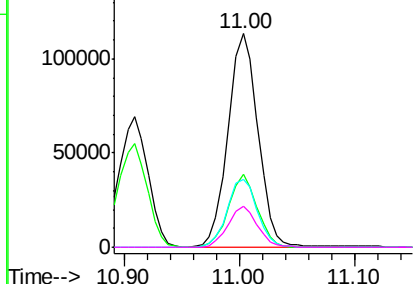
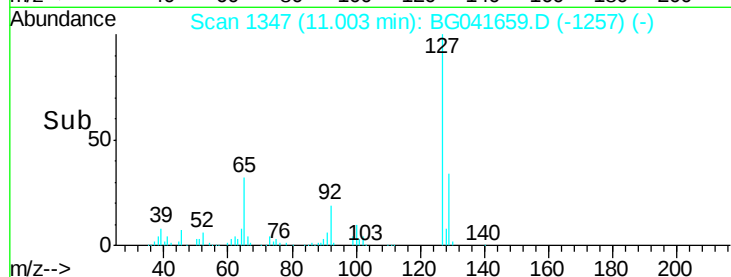
#33
4-Chloroaniline
Concen: 15.864 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	204688
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.8	38.8
65	31.6	26.7	40.1
92	19.1	15.4	23.0

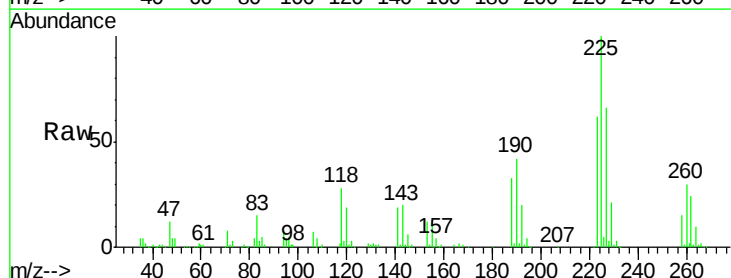


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

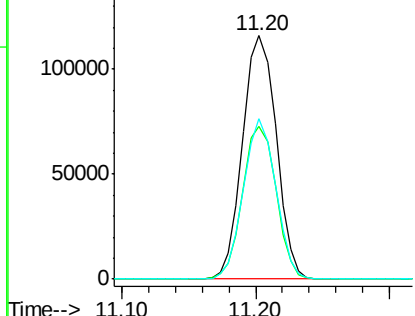
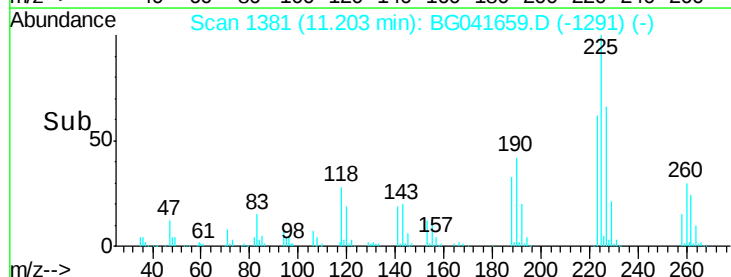


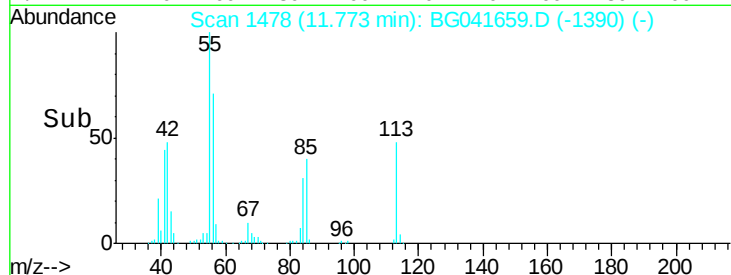
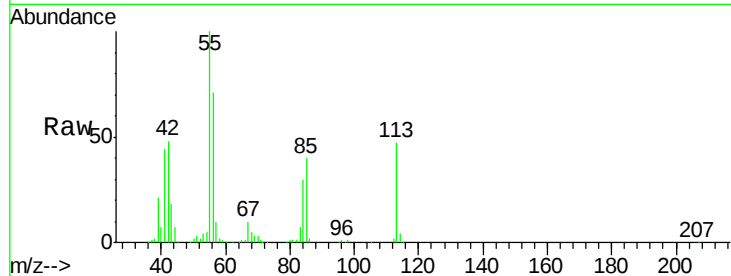
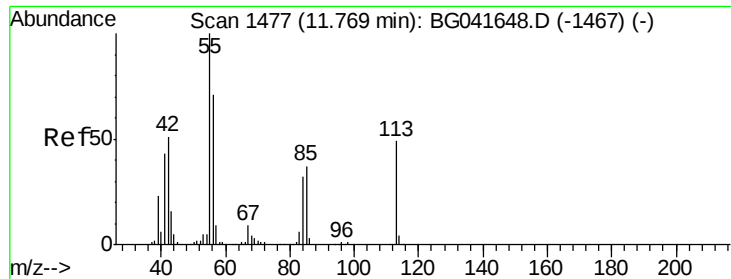
#34
Hexachlorobutadiene
Concen: 29.127 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:	225	Resp:	202862
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	66.1	50.9	76.3



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

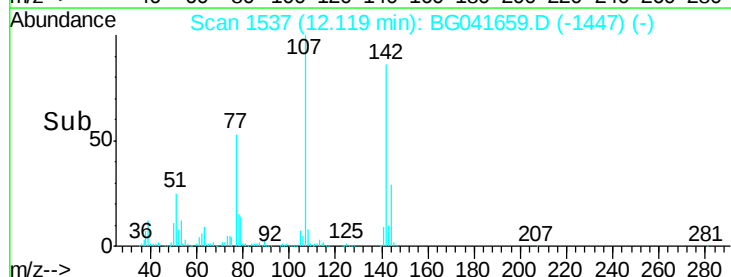
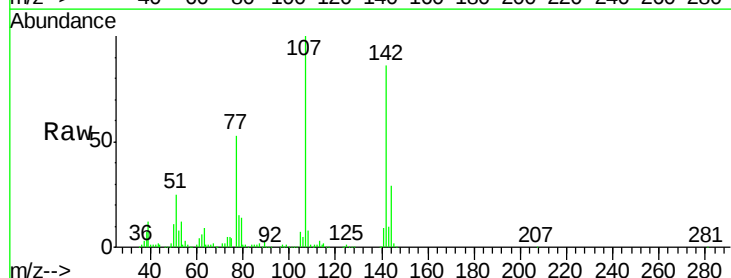
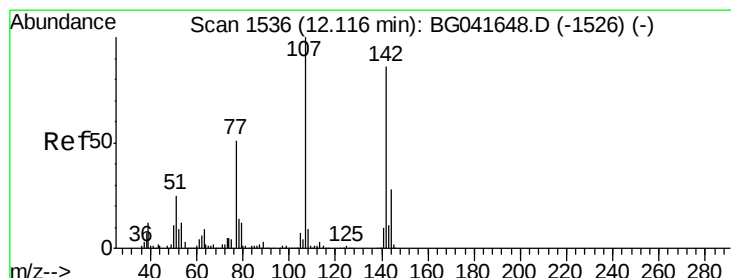
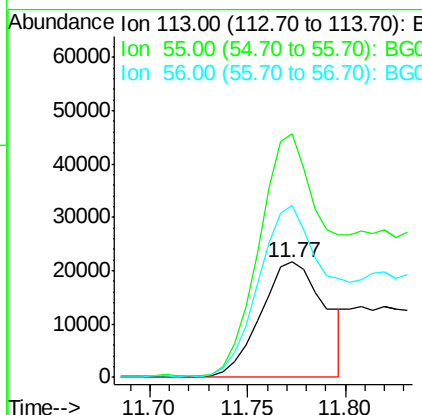




#35
Caprolactam
Concen: 14.575 ng
RT: 11.77 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

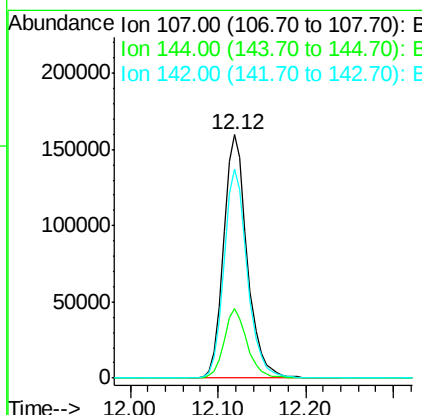
Instrument :
BNA_G
ClientSampled :

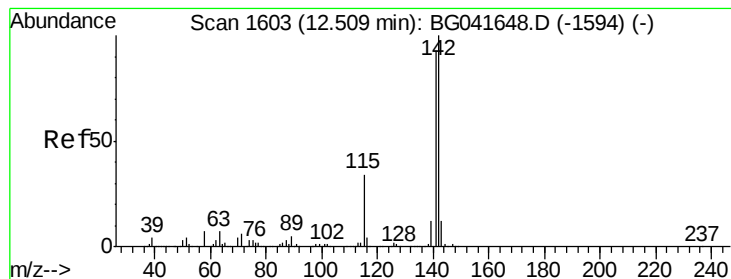
Tot Ion:113 Resp: 49441
Ion Ratio Lower Upper
113 100
55 211.6 199.4 239.4
56 149.6 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 30.542 ng
RT: 12.12 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:107 Resp: 295291
Ion Ratio Lower Upper
107 100
144 28.8 22.2 33.2
142 86.0 67.3 100.9





#37

2-Methylnaphthalene

Concen: 29.720 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

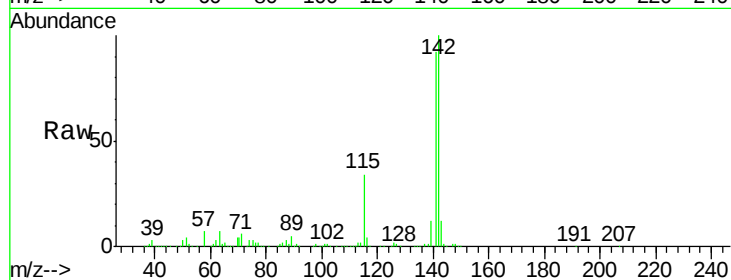
Tot Ion:142 Resp: 635156

Ion Ratio Lower Upper

142 100

141 92.2 72.7 109.1

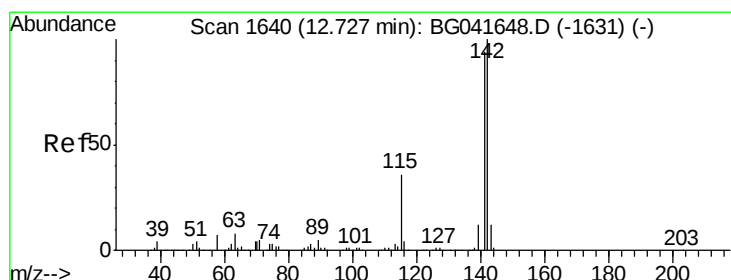
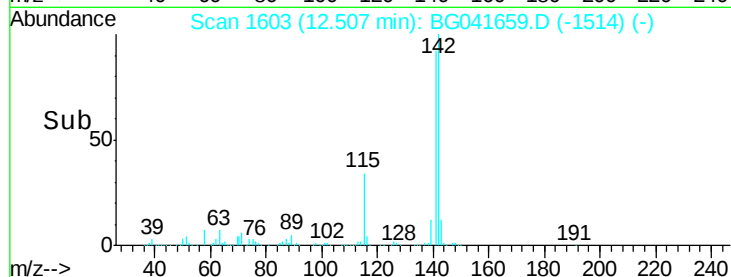
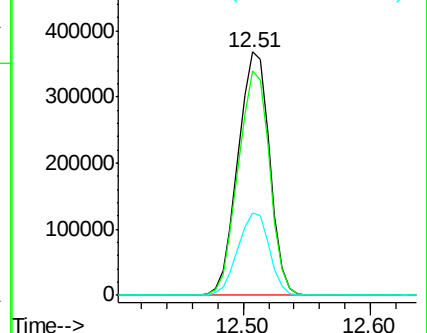
115 34.0 27.0 40.4



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: 29.322 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

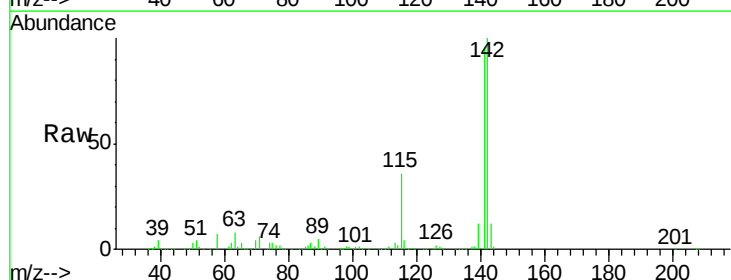
Tgt Ion:142 Resp: 597428

Ion Ratio Lower Upper

142 100

141 95.6 75.4 113.2

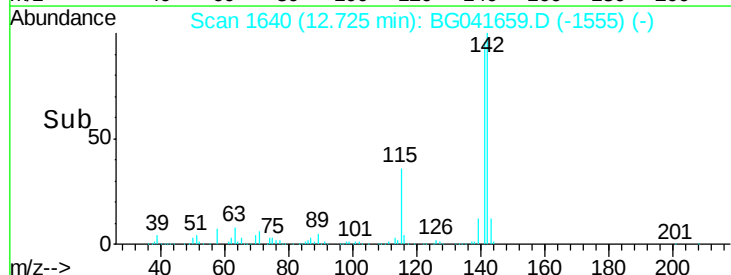
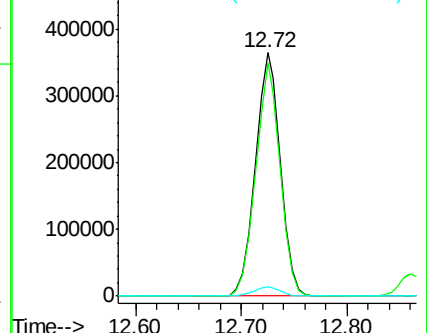
116 3.7 3.2 4.8

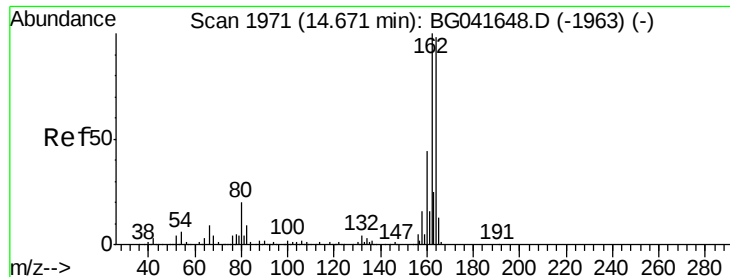


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

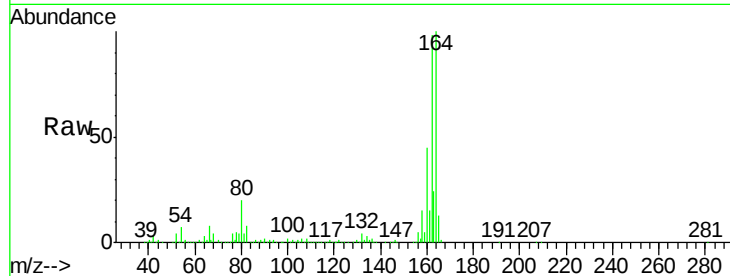
Tot Ion:164 Resp: 349533

Ion Ratio Lower Upper

164 100

162 97.9 79.6 119.4

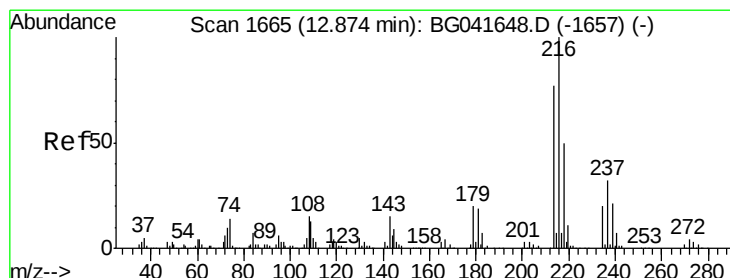
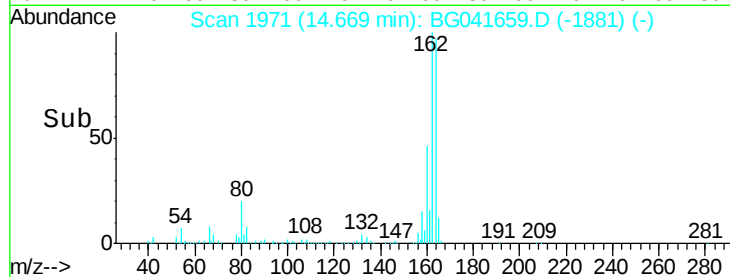
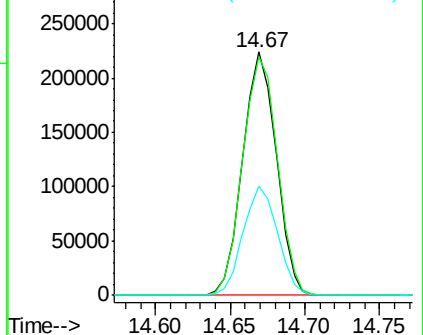
160 45.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.170 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Tgt Ion:216 Resp: 361220

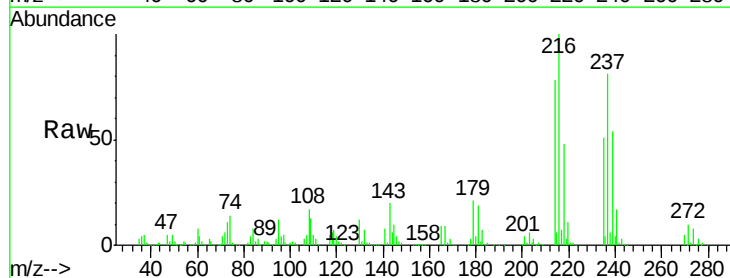
Ion Ratio Lower Upper

216 100

214 76.9 61.5 92.3

179 20.2 16.2 24.2

108 17.4 13.2 19.8

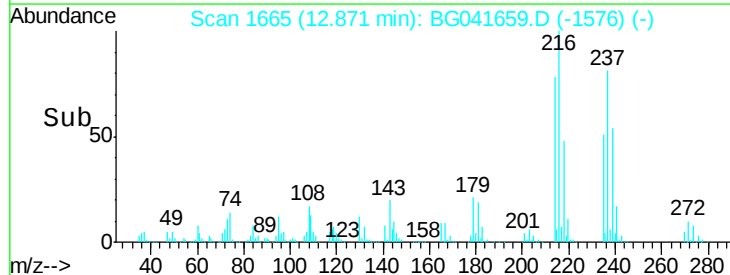
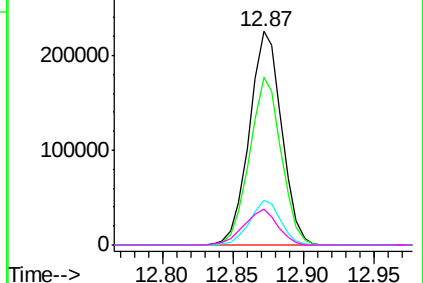


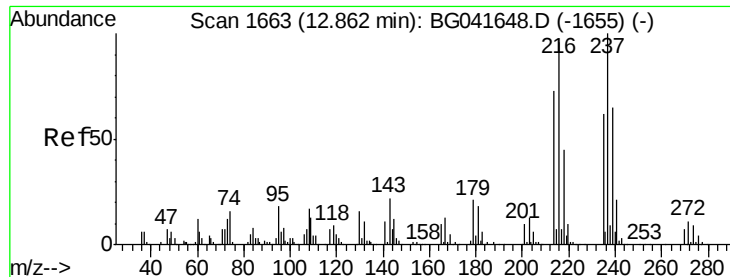
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.772 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

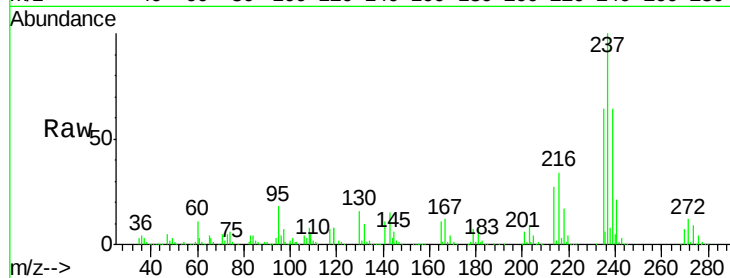
Tot Ion:237 Resp: 452234

Ion Ratio Lower Upper

237 100

235 64.3 43.5 83.5

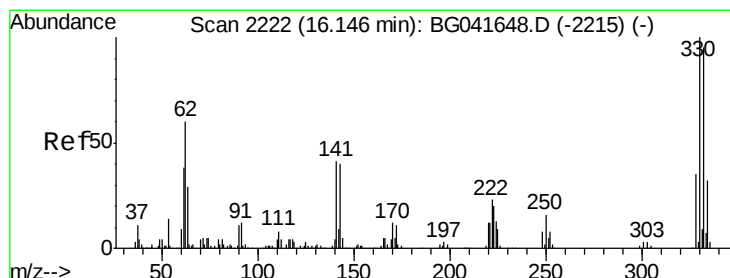
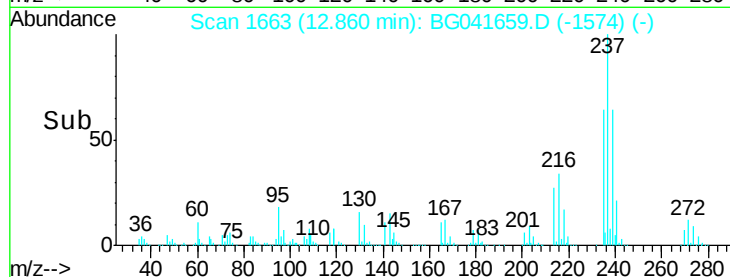
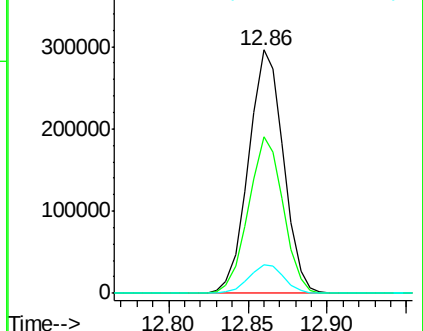
272 11.9 0.0 31.2



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: 154.508 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

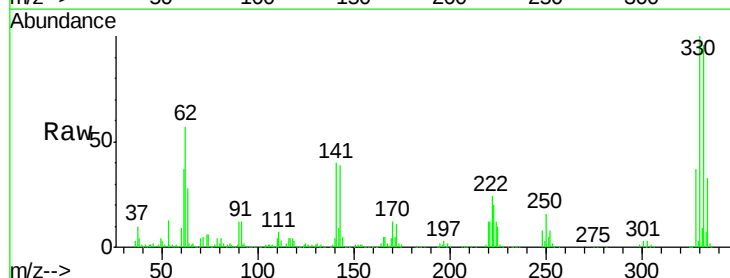
Tgt Ion:330 Resp: 608635

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

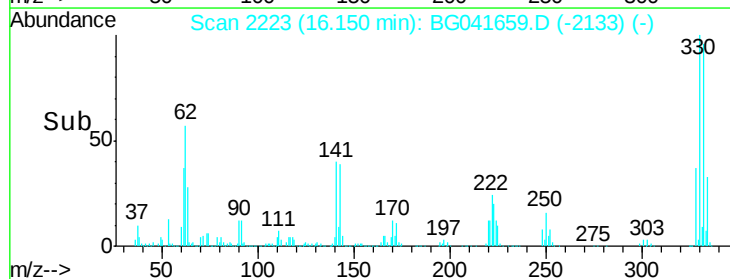
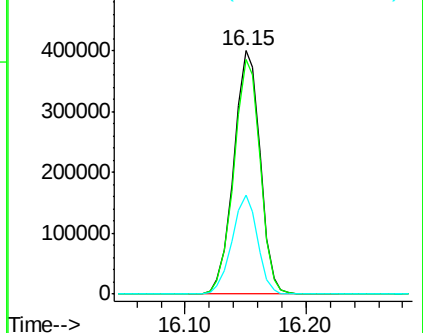
141 39.6 31.9 47.9

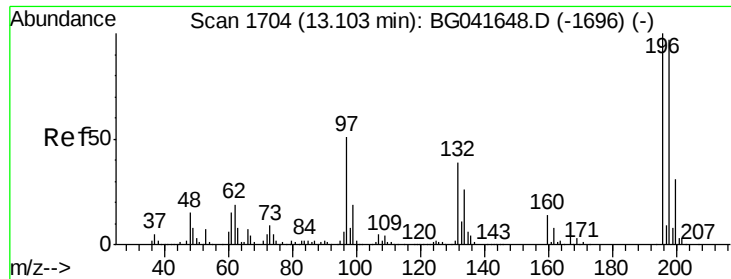


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

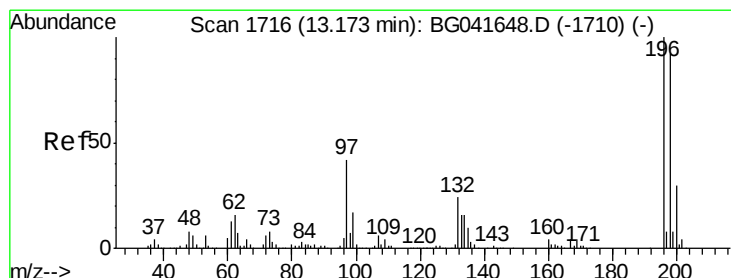
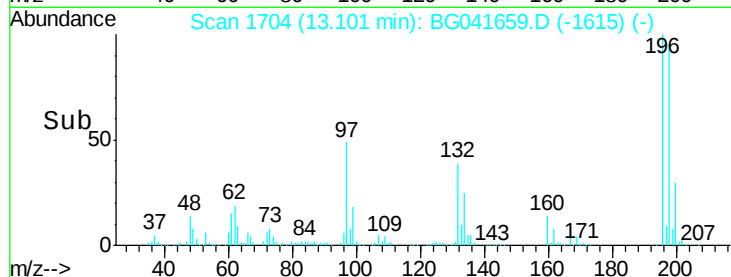
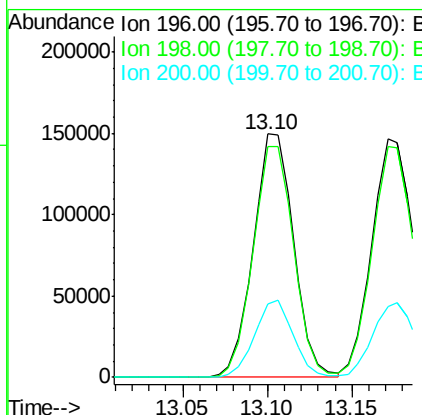
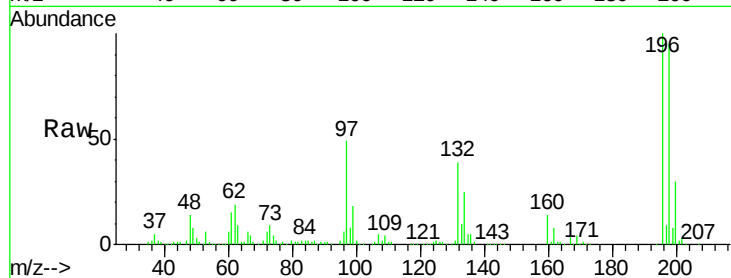




#43
 2,4,6-Trichlorophenol
 Concen: 31.952 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

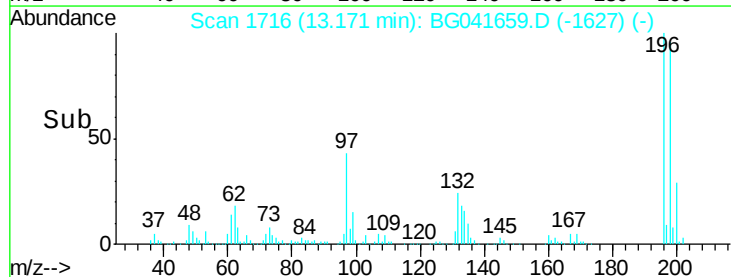
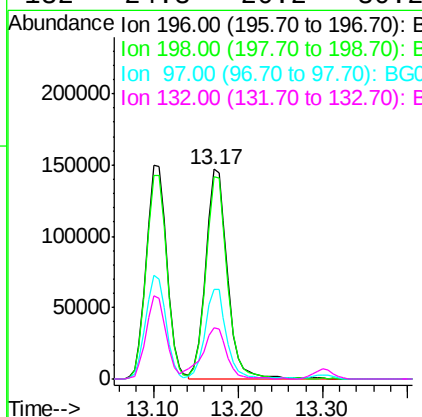
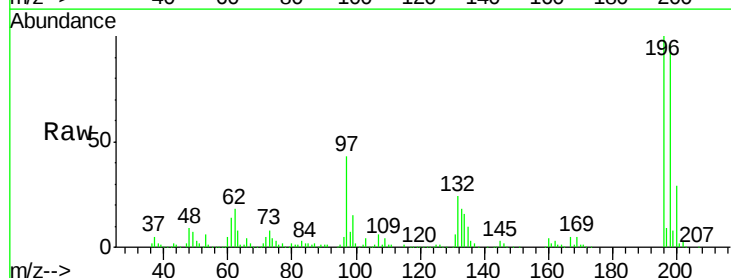
Instrument :
 BNA_G
 ClientSampled :

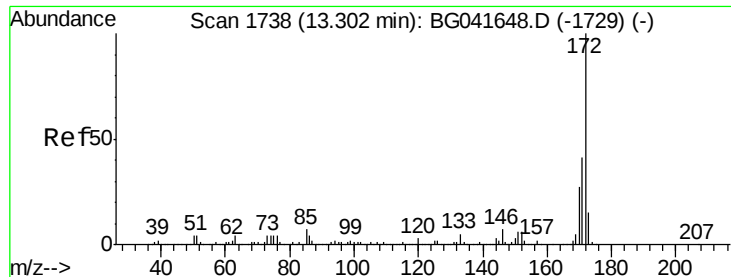
Tot Ion:196 Resp: 248572
 Ion Ratio Lower Upper
 196 100
 198 95.0 79.6 119.4
 200 30.2 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 32.270 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion:196 Resp: 264504
 Ion Ratio Lower Upper
 196 100
 198 96.5 80.6 121.0
 97 43.0 33.9 50.9
 132 24.3 20.2 30.2

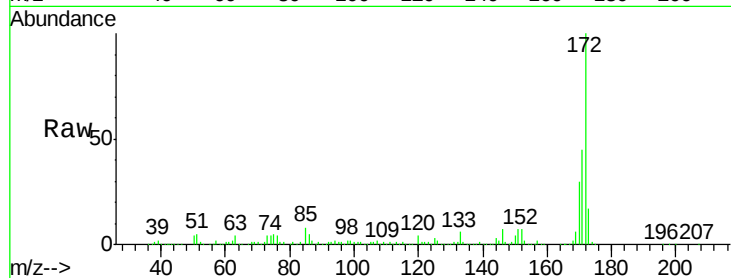




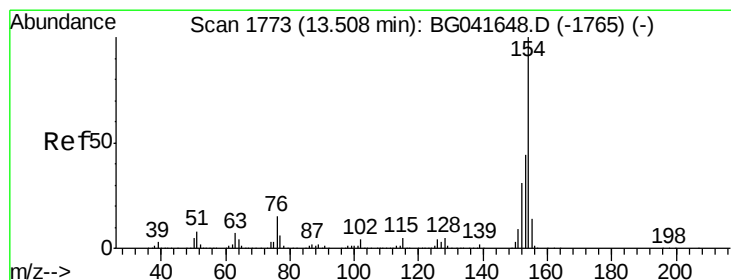
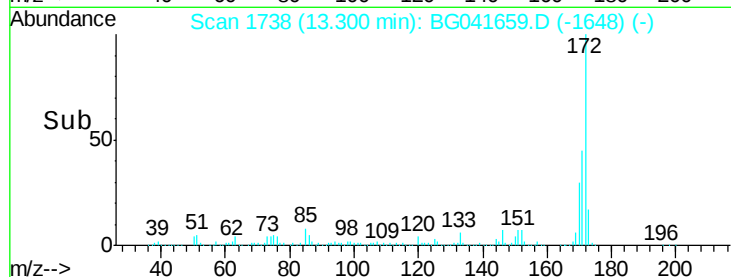
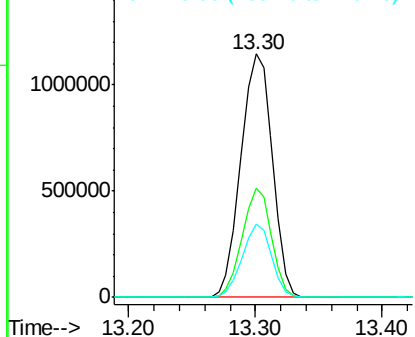
#45
2-Fluorobiphenyl
Concen: 87.588 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1977080
Ion Ratio Lower Upper
172 100
171 44.8 35.0 52.4
170 30.0 23.5 35.3

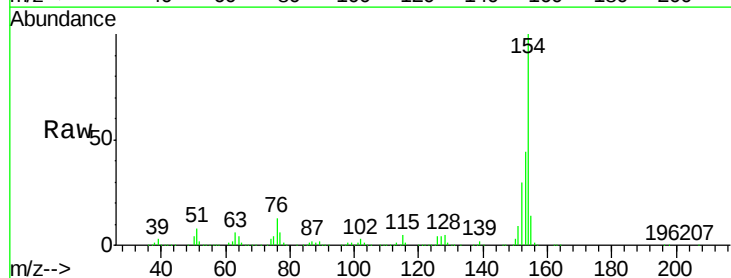


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

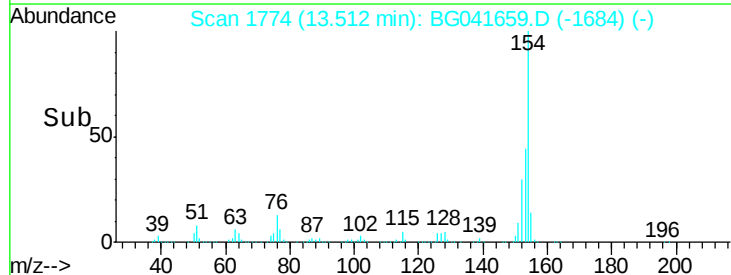
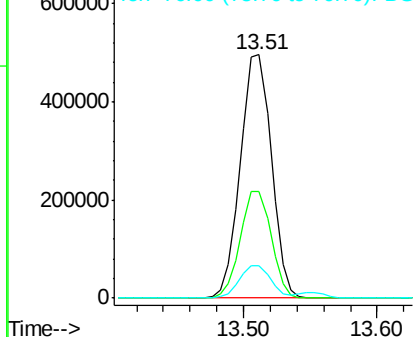


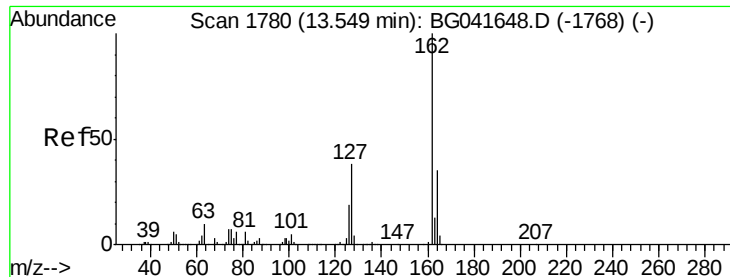
#46
1,1'-Biphenyl
Concen: 30.536 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:154 Resp: 799632
Ion Ratio Lower Upper
154 100
153 43.7 25.0 65.0
76 13.2 0.0 34.5



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

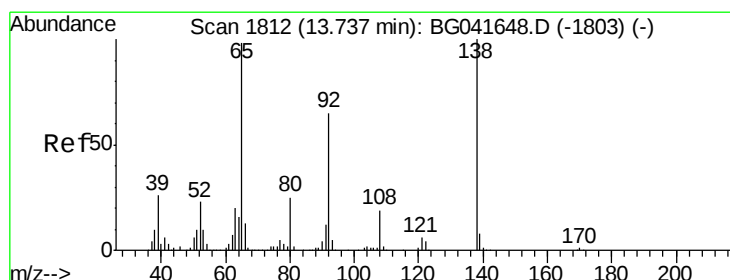
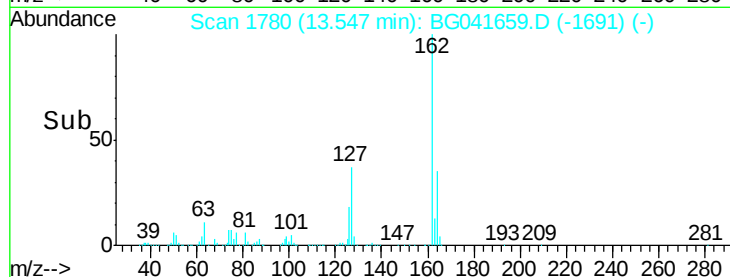
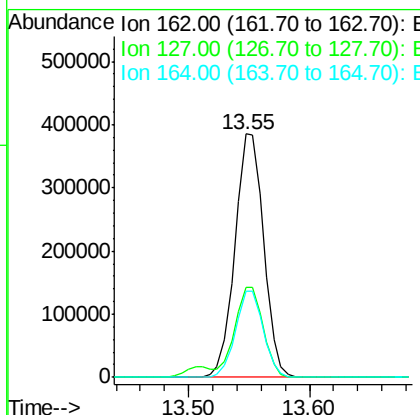
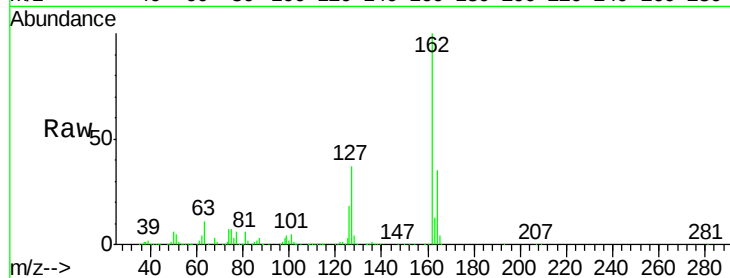




#47
 2-Chloronaphthalene
 Concen: 29.239 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

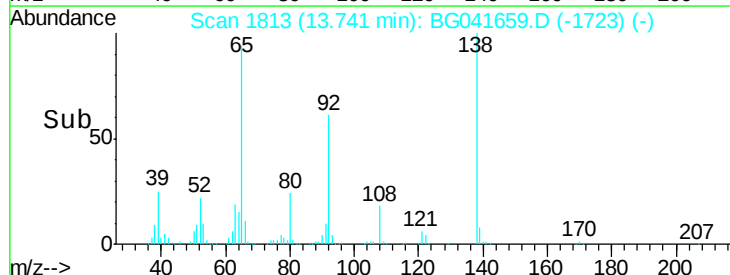
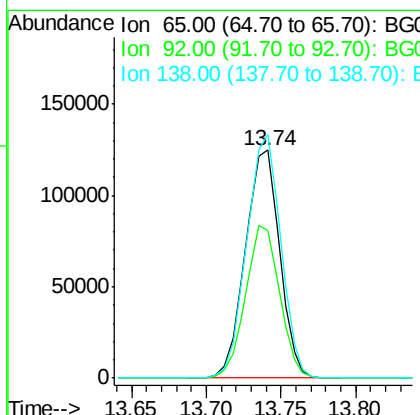
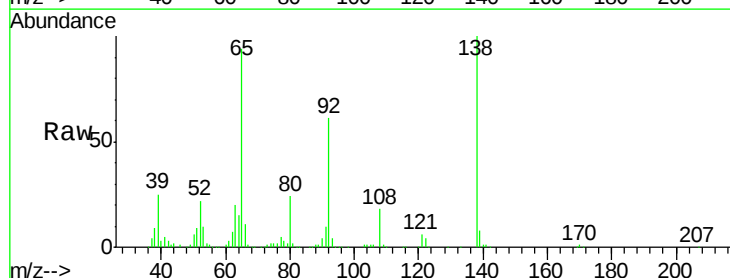
Instrument :
 BNA_G
 ClientSampleId :

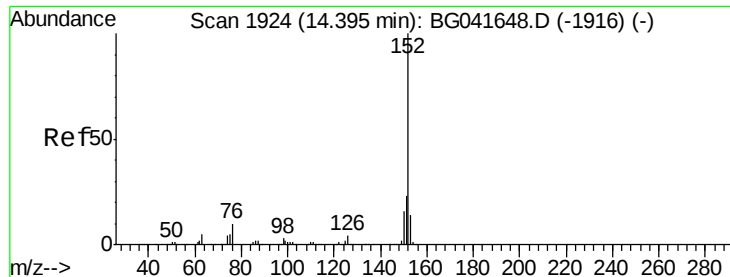
Tot Ion	162	Resp	638126
Ion Ratio	Lower	Upper	
162	100		
127	37.2	30.4	45.6
164	35.4	28.6	42.8



#48
 2-Nitroaniline
 Concen: 31.186 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion	65	Resp	198165
Ion Ratio	Lower	Upper	
65	100		
92	64.7	53.9	80.9
138	106.8	83.5	125.3





#49

Acenaphthylene

Concen: 29.948 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

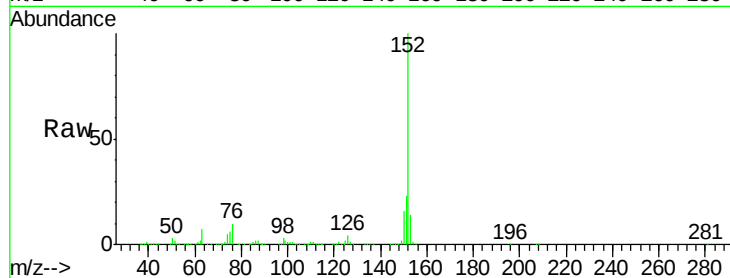
Tot Ion:152 Resp: 1020328

Ion Ratio Lower Upper

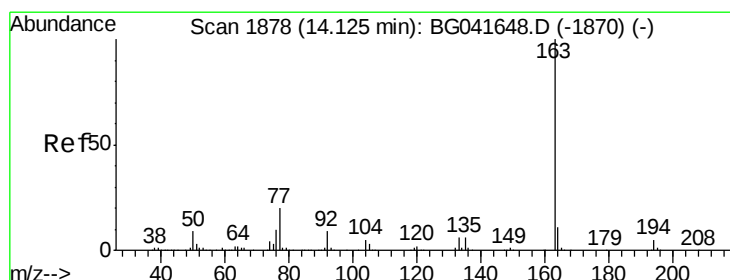
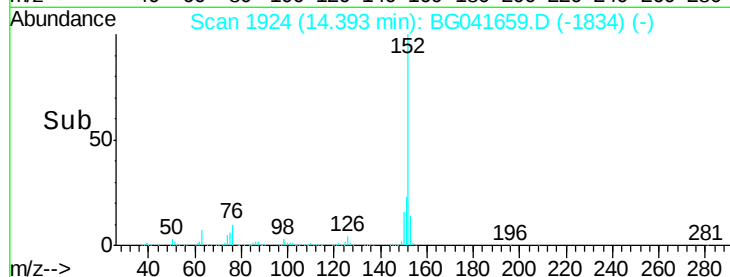
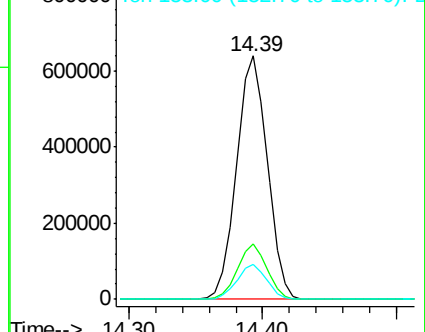
152 100

151 22.6 18.7 28.1

153 14.3 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: 29.572 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

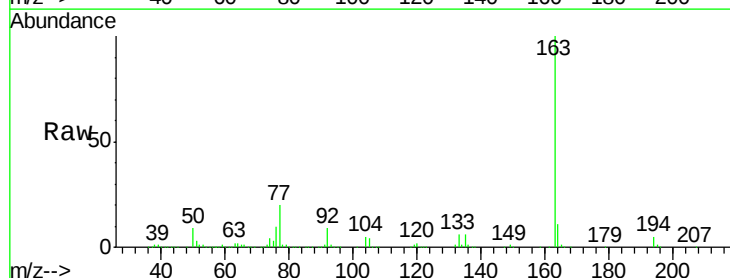
Tgt Ion:163 Resp: 811817

Ion Ratio Lower Upper

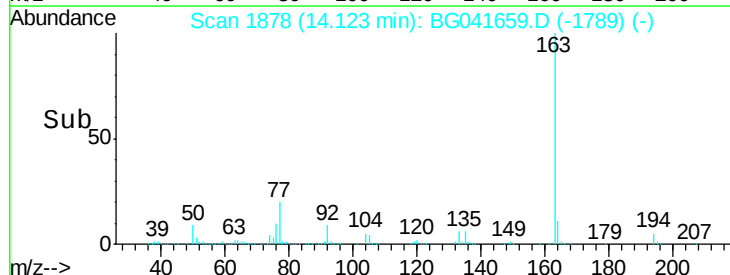
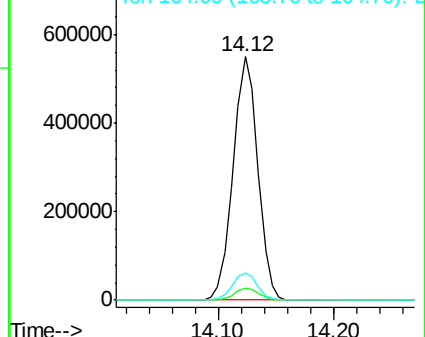
163 100

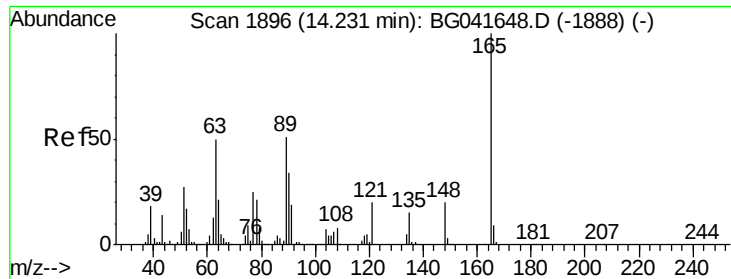
194 4.8 4.2 6.2

164 11.1 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: 32.163 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

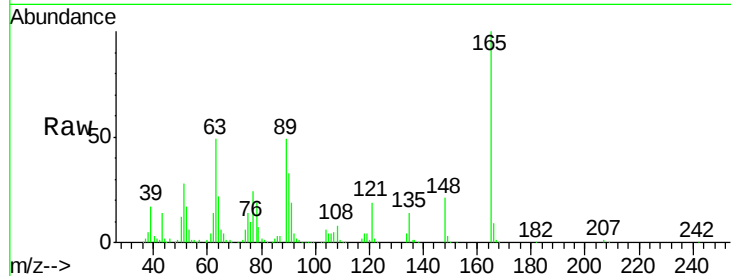
Tot Ion:165 Resp: 187279

Ion Ratio Lower Upper

165 100

63 49.0 42.4 63.6

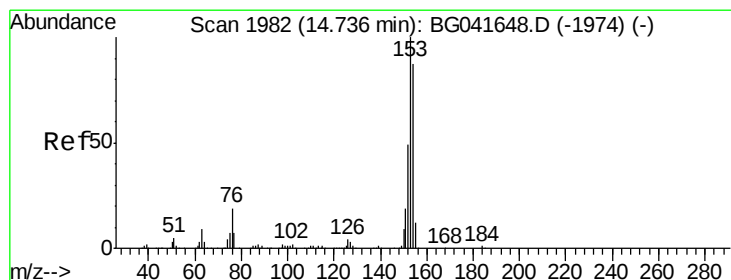
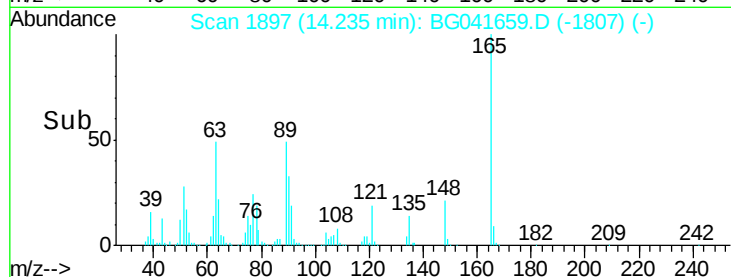
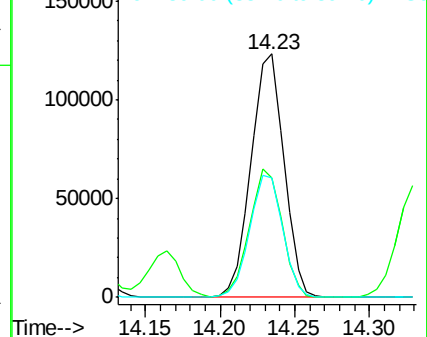
89 49.1 42.1 63.1



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: 32.390 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

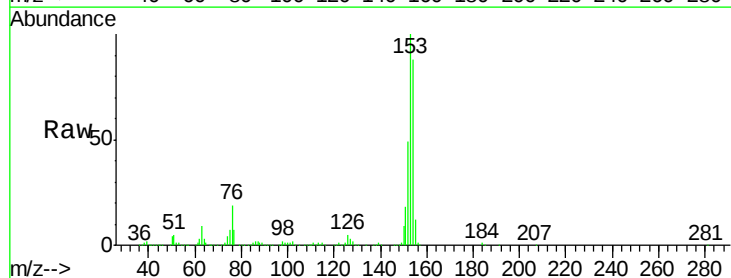
Tgt Ion:154 Resp: 695426

Ion Ratio Lower Upper

154 100

153 114.1 89.8 134.6

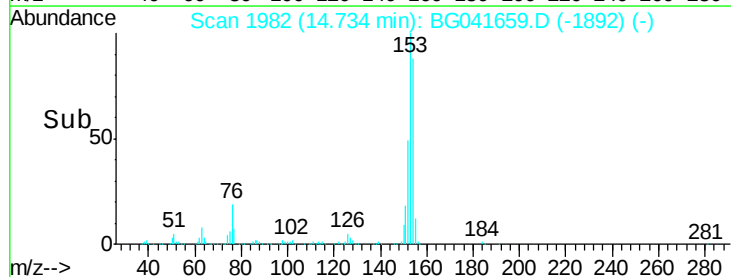
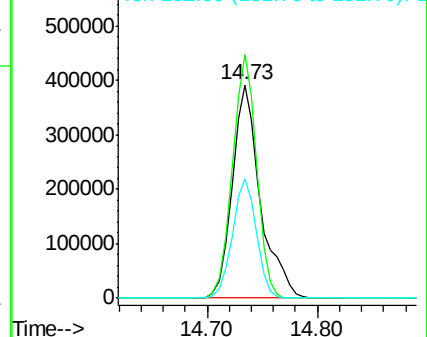
152 55.8 44.9 67.3

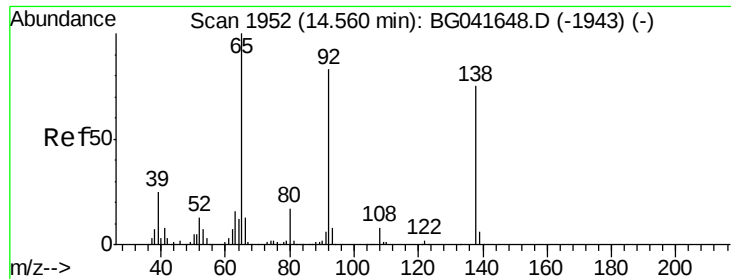


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

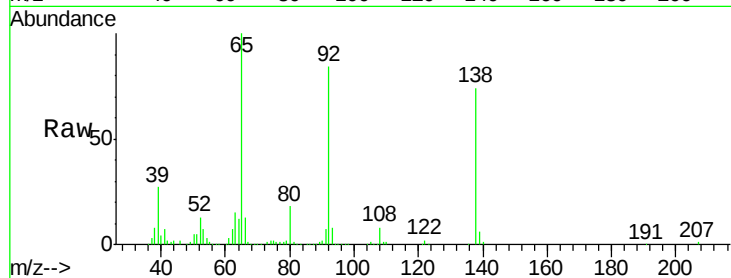




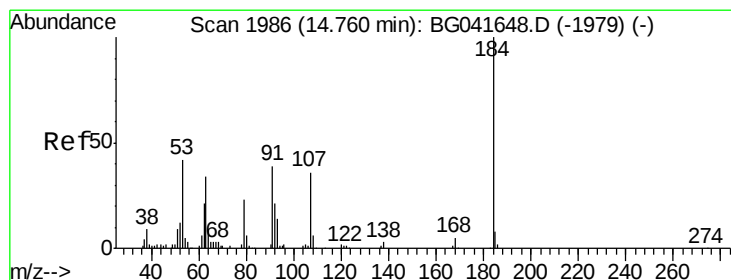
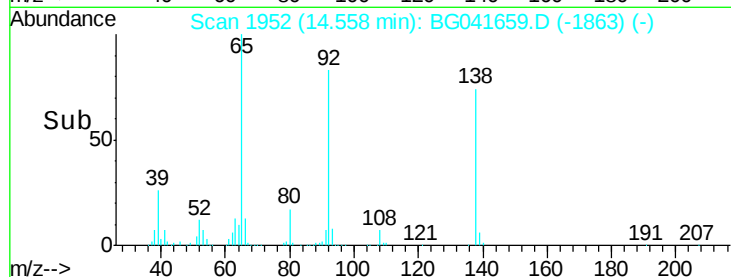
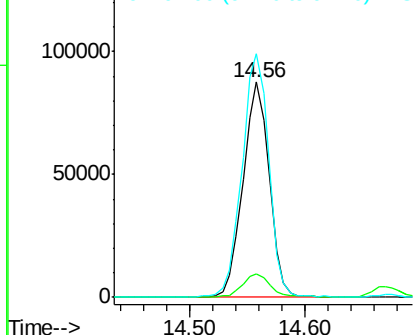
#53
3-Nitroaniline
Concen: 21.708 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 137986
Ion Ratio Lower Upper
138 100
108 10.8 10.3 15.5
92 113.2 93.0 139.4

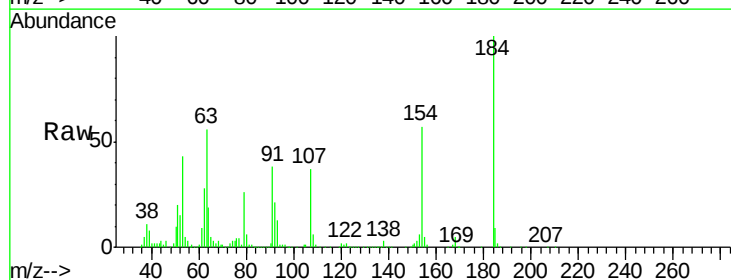


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

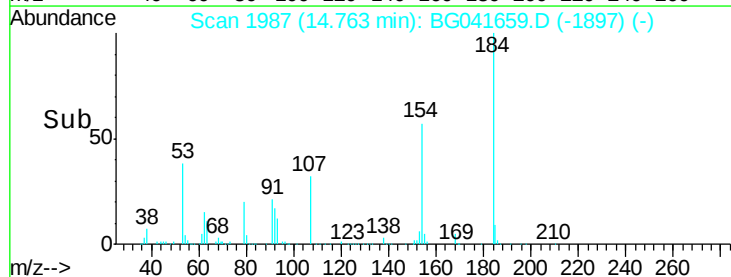
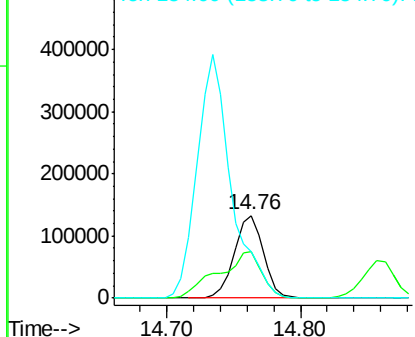


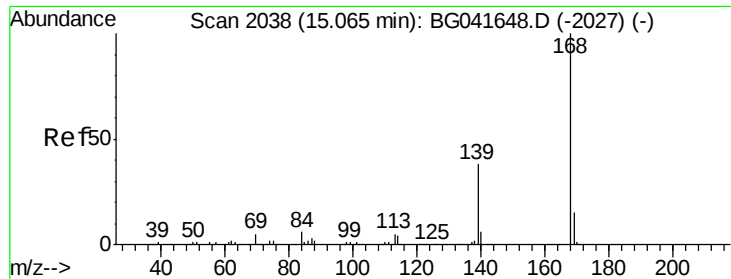
#54
2,4-Dinitrophenol
Concen: 69.341 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:184 Resp: 200705
Ion Ratio Lower Upper
184 100
63 56.1 43.2 64.8
154 57.1 51.4 77.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

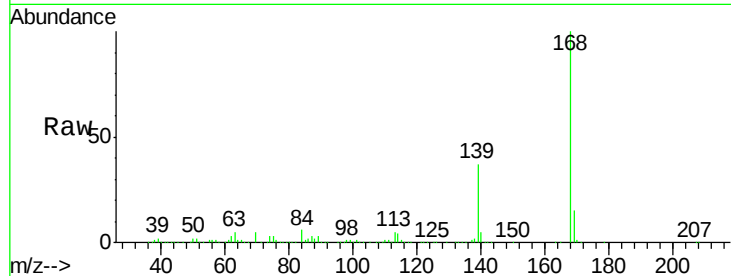




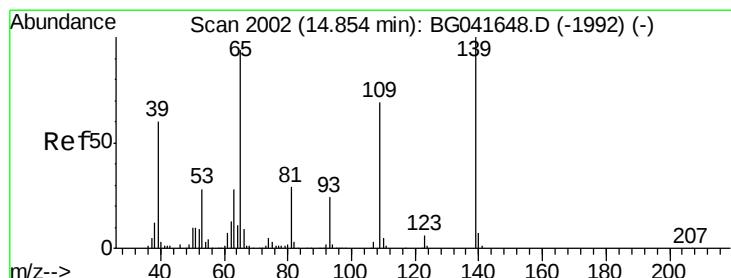
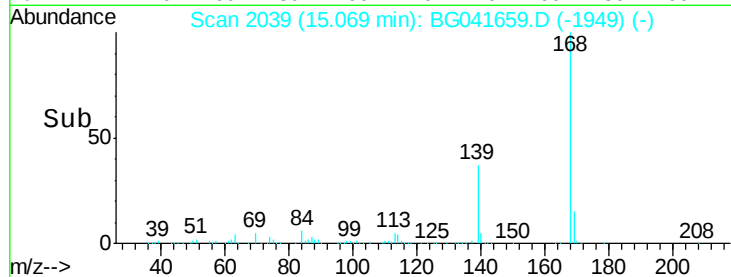
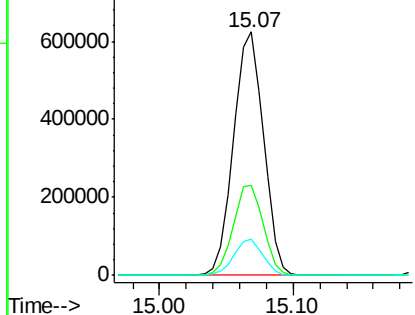
#55
Dibenzofuran
Concen: 30.340 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 977513
Ion Ratio Lower Upper
168 100
139 37.0 31.9 47.9
169 14.9 12.5 18.7

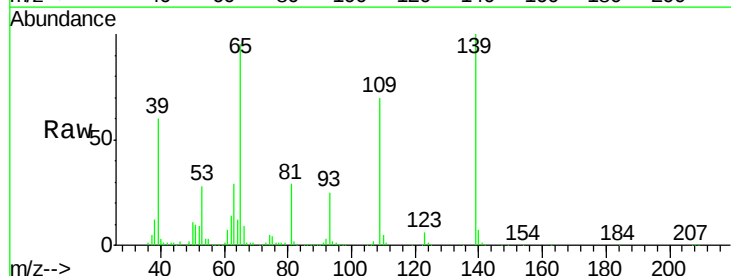


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

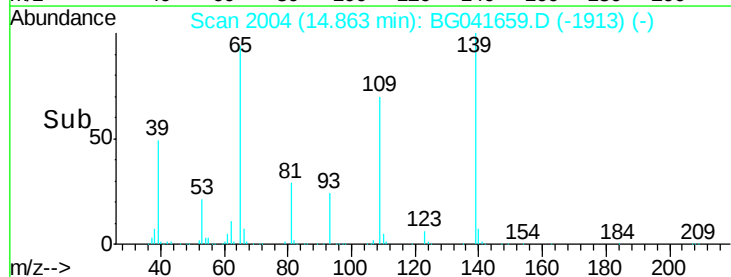
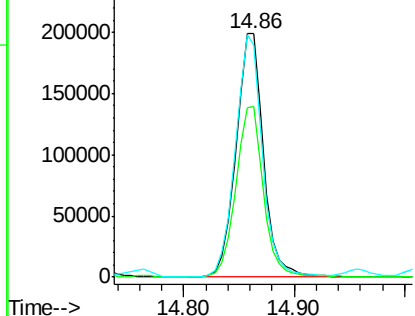


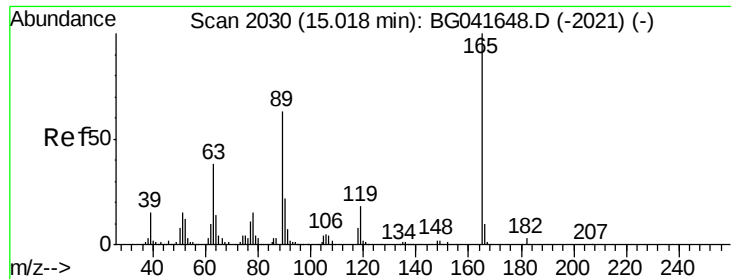
#56
4-Nitrophenol
Concen: 67.247 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:139 Resp: 346068
Ion Ratio Lower Upper
139 100
109 70.1 51.3 91.3
65 95.3 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): BGO

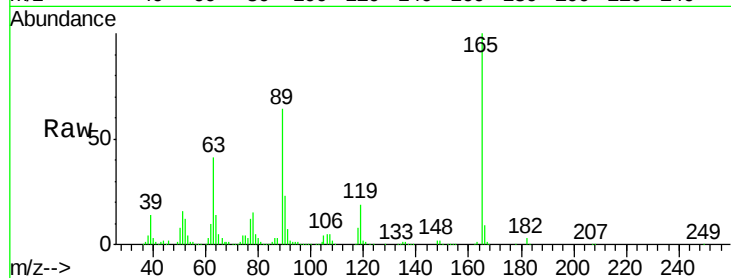




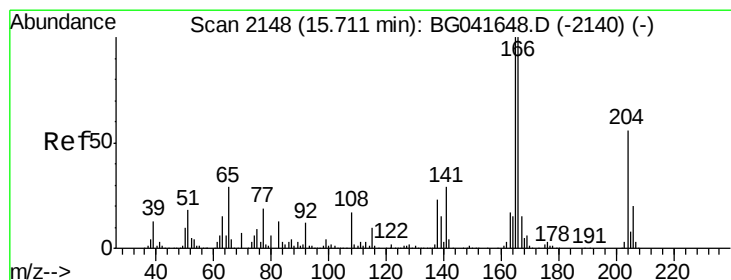
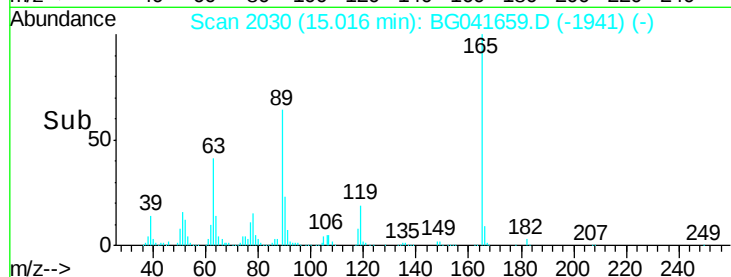
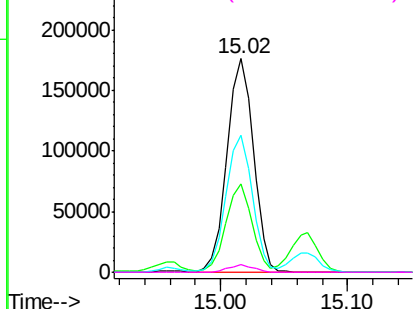
#57
2,4-Dinitrotoluene
Concen: 33.009 ng
RT: 15.02 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 254079
Ion Ratio Lower Upper
165 100
63 41.1 31.7 47.5
89 64.0 50.2 75.4
182 3.5 2.6 4.0

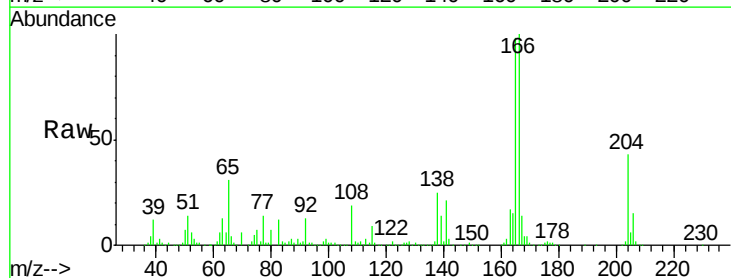


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

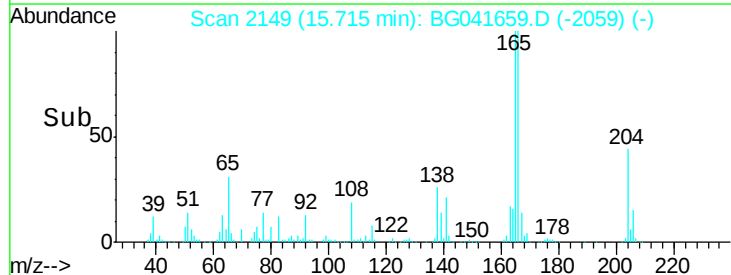
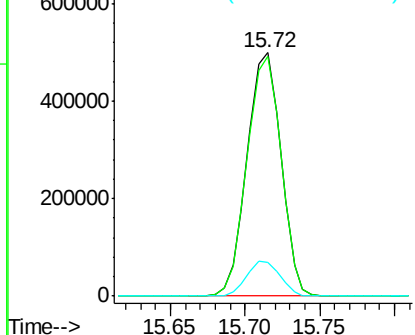


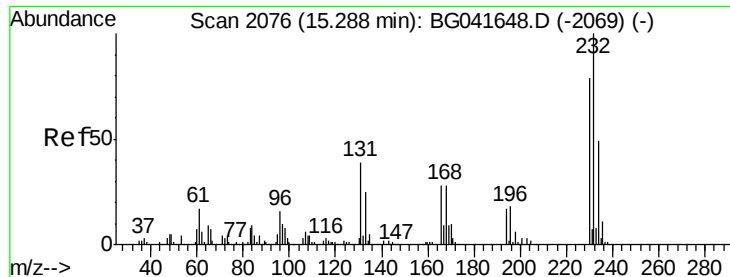
#58
Fluorene
Concen: 29.987 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:166 Resp: 786123
Ion Ratio Lower Upper
166 100
165 98.4 80.5 120.7
167 14.1 12.4 18.6



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

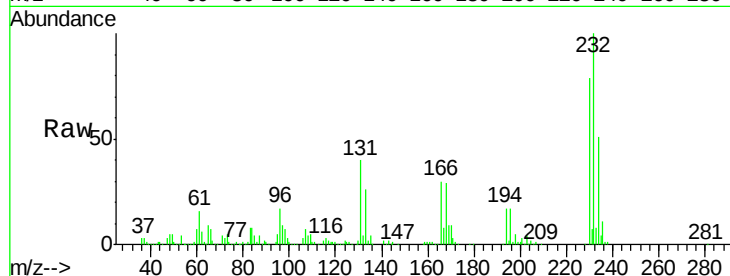




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.583 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	246557
Ion Ratio	Lower	Upper
232	100	
131	38.6	31.8 47.6
130	2.2	1.8 2.8
166	28.4	23.5 35.3

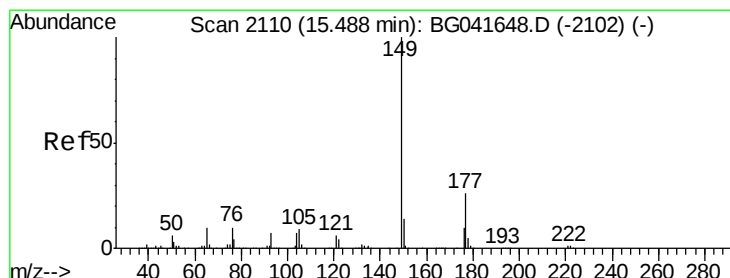
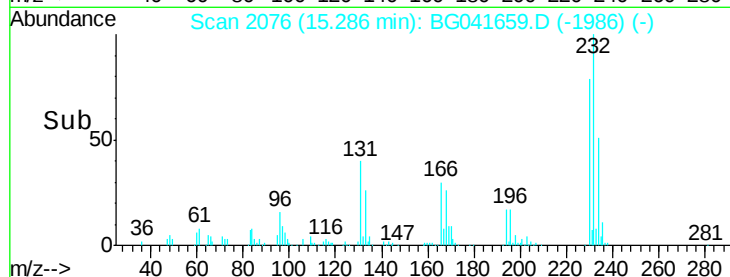
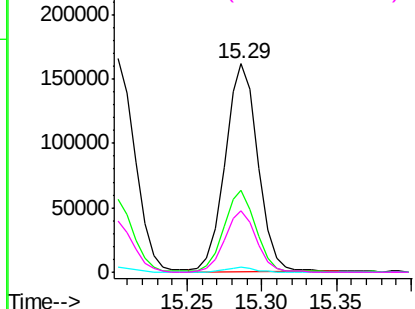


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

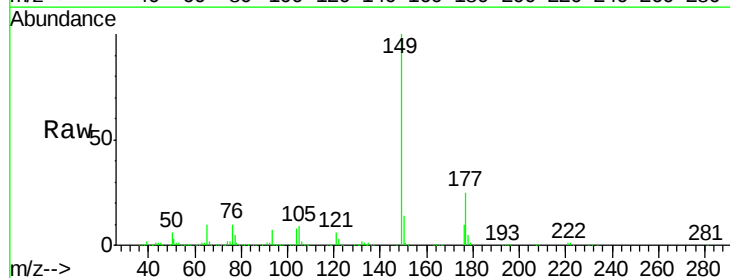
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 29.615 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

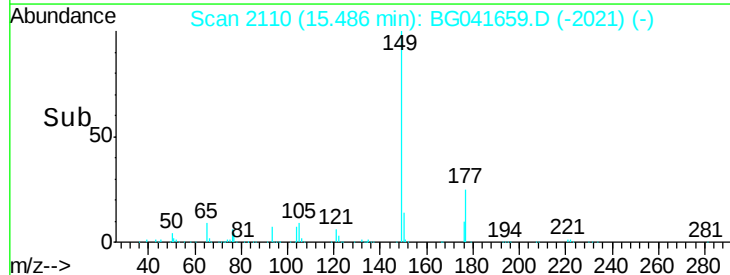
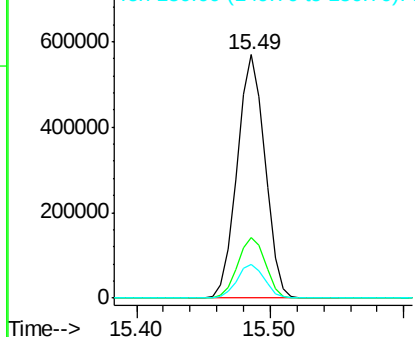
Tgt Ion:149	Resp:	819028
Ion Ratio	Lower	Upper
149	100	
177	24.9	20.7 31.1
150	14.0	11.5 17.3

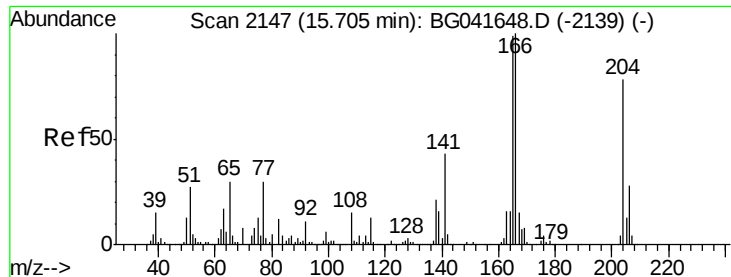


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

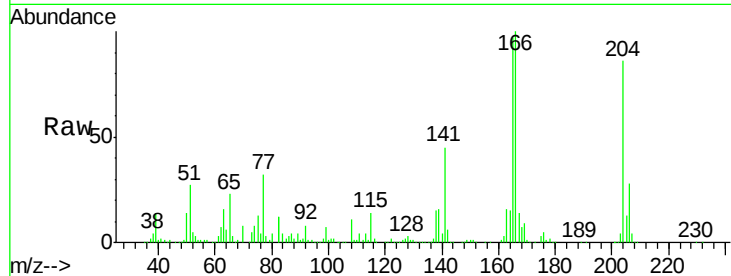




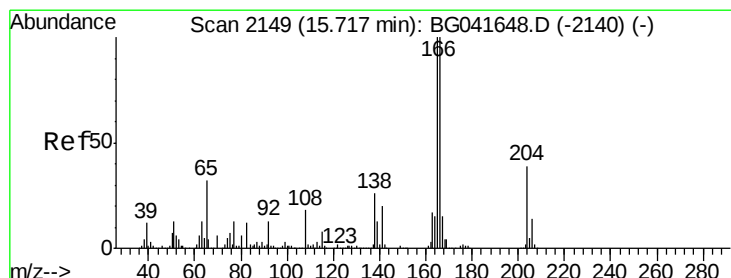
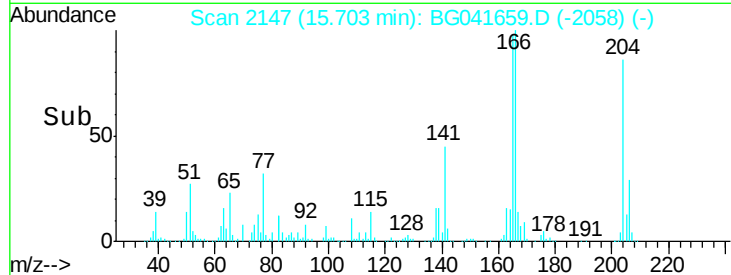
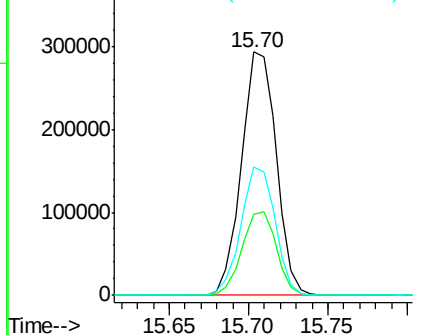
#61
 4-Chlorophenyl-phenylether
 Concen: 30.159 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	28.6	42.8
141	52.7	42.9	64.3

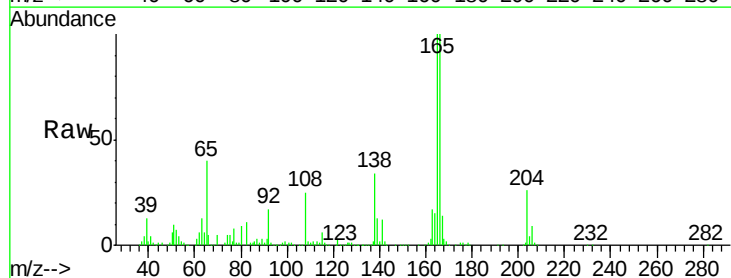


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

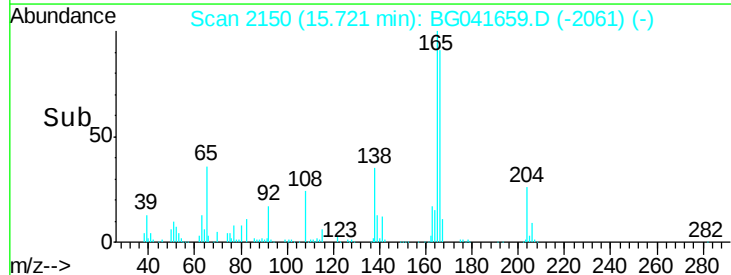
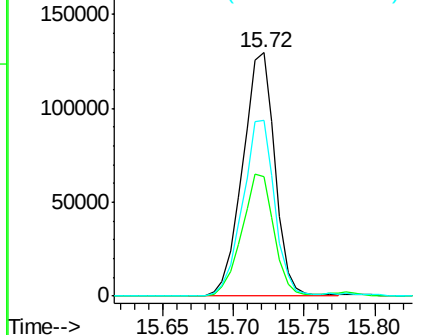


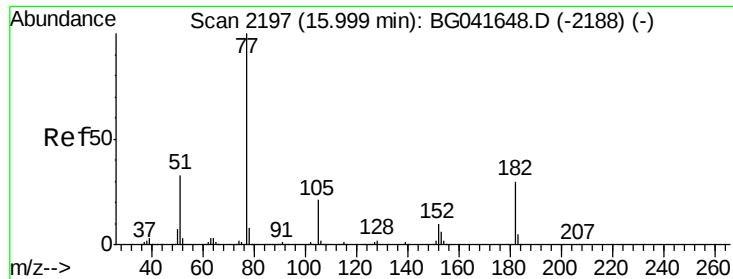
#62
 4-Nitroaniline
 Concen: 30.833 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	29.8	69.8
108	72.4	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

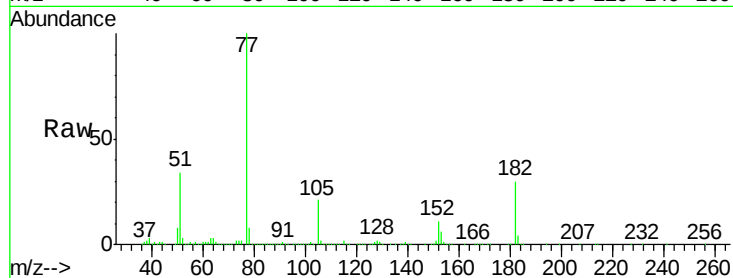




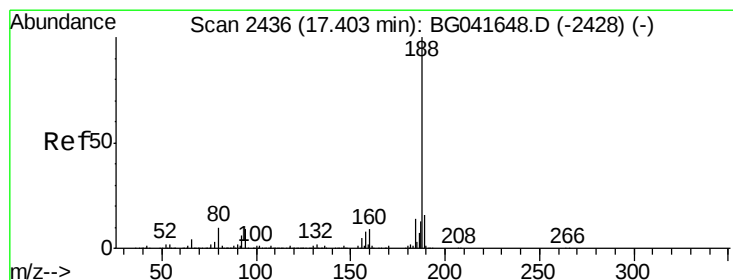
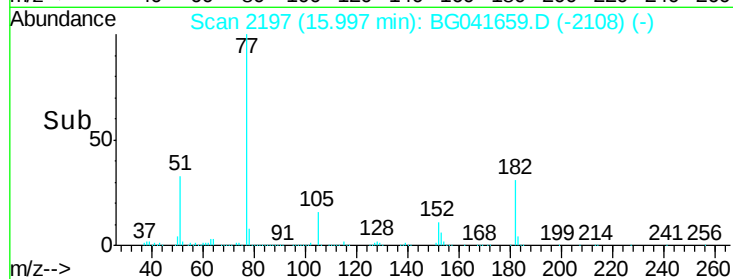
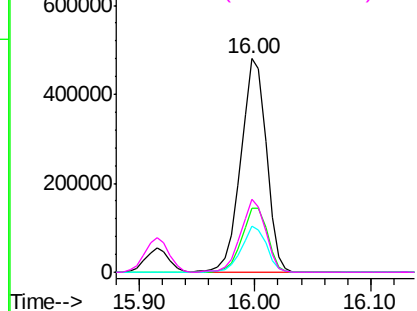
#63
Azobenzene
Concen: 29.431 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	735872
Ion	Ratio	Lower	Upper
77	100		
182	30.0	13.2	53.2
105	21.4	2.2	42.2
51	34.2	14.6	54.6

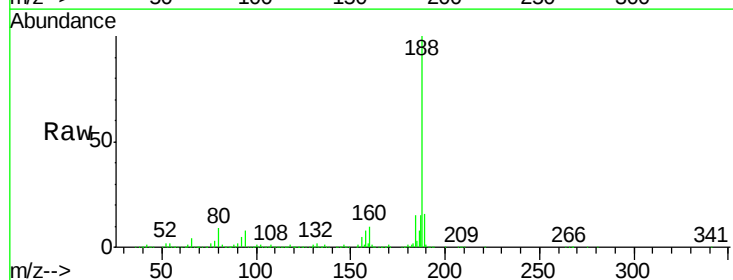


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

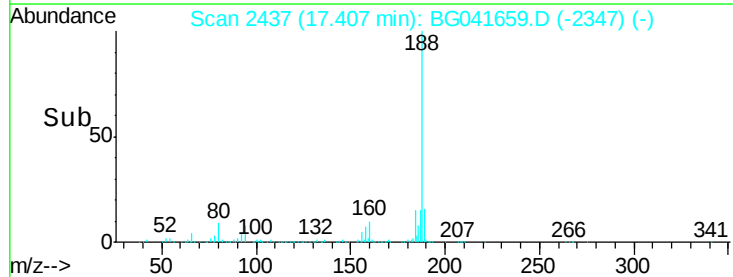
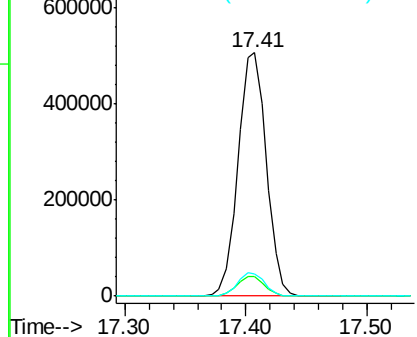


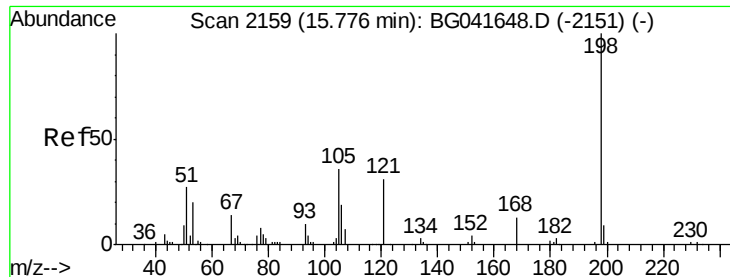
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:	188	Resp:	821885
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.2	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: 36.549 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

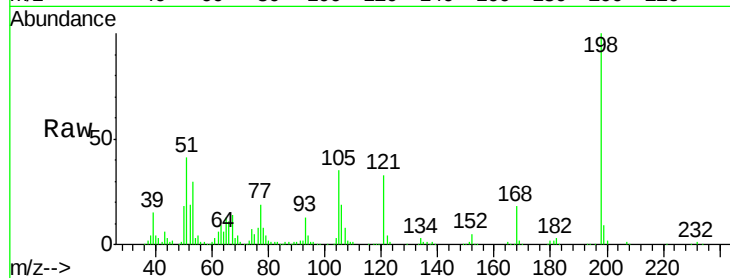
Tot Ion:198 Resp: 135384

Ion Ratio Lower Upper

198 100

51 40.7 22.3 62.3

105 35.4 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

120000

100000

80000

60000

40000

20000

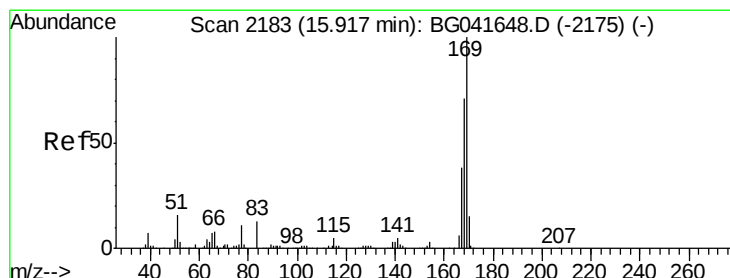
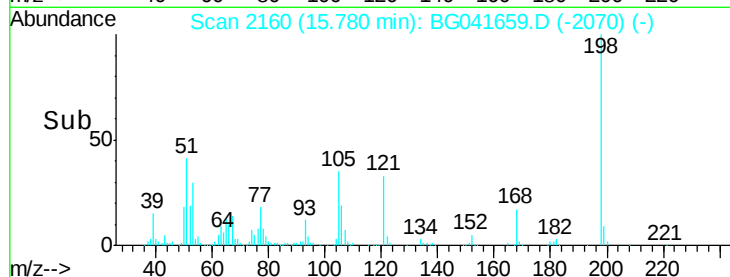
0

15.78

15.70

15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 30.461 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

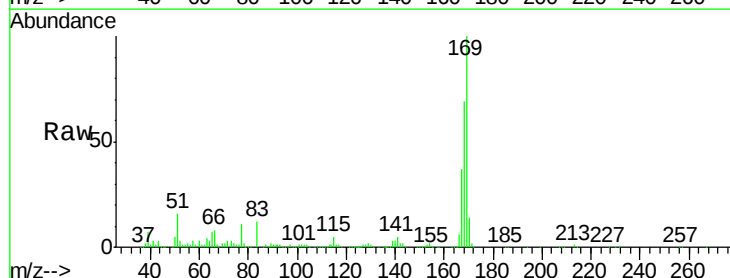
Tgt Ion:169 Resp: 735201

Ion Ratio Lower Upper

169 100

168 69.1 56.9 85.3

167 37.5 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

600000

400000

200000

0

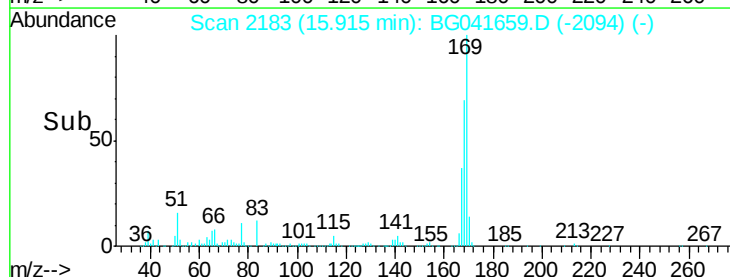
15.91

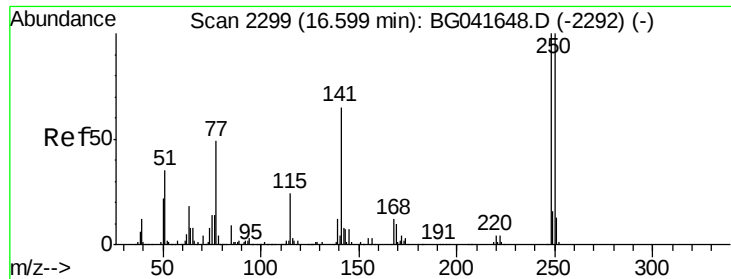
15.80

15.90

16.00

Time-->

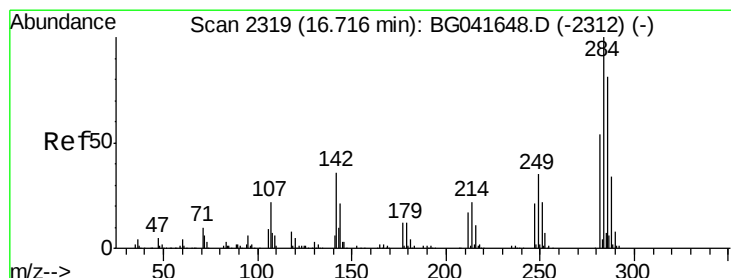
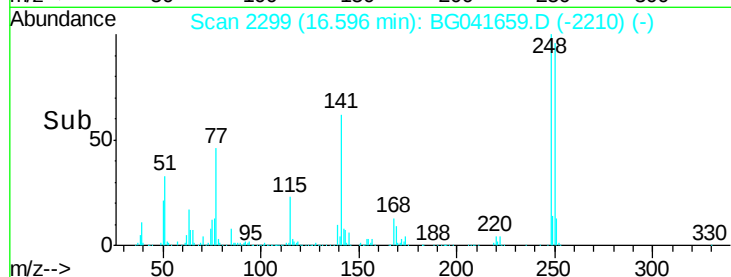
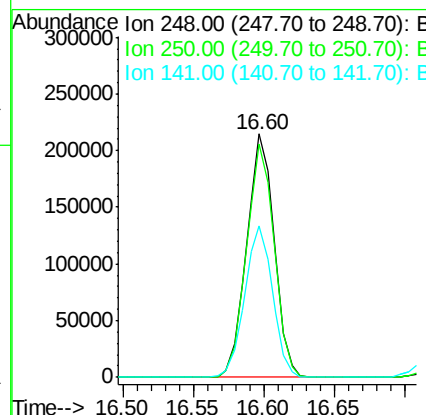
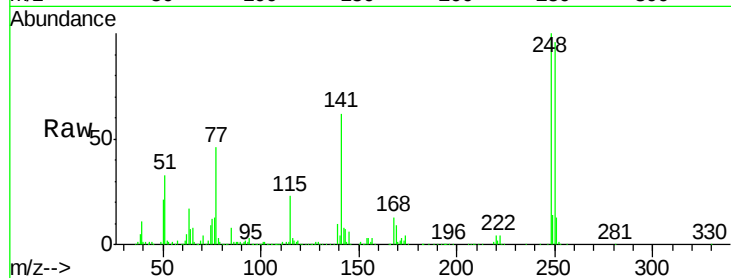




#67
 4-Bromophenyl-phenylether
 Concen: 29.930 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

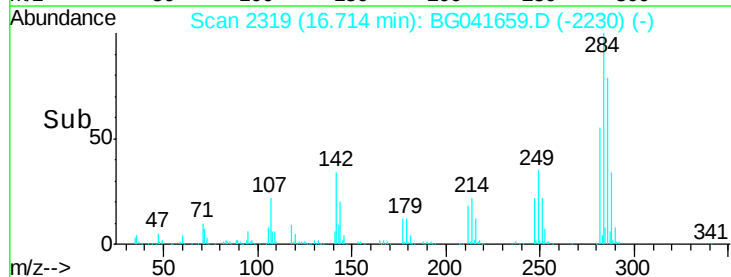
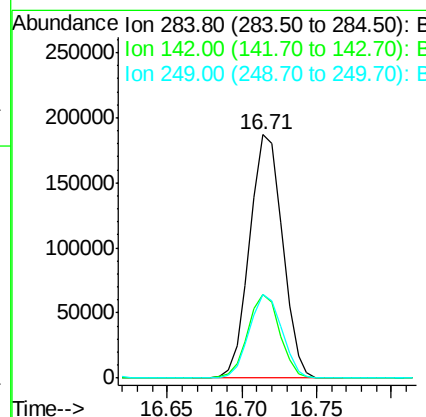
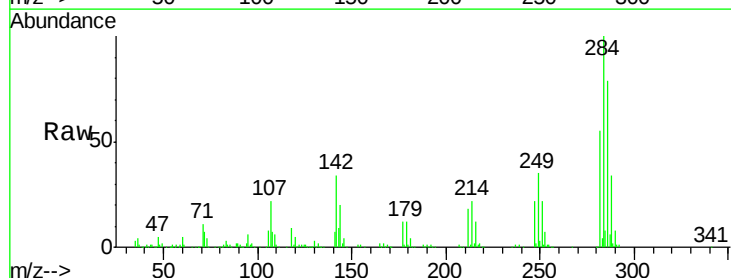
Instrument :
 BNA_G
 ClientSampled :

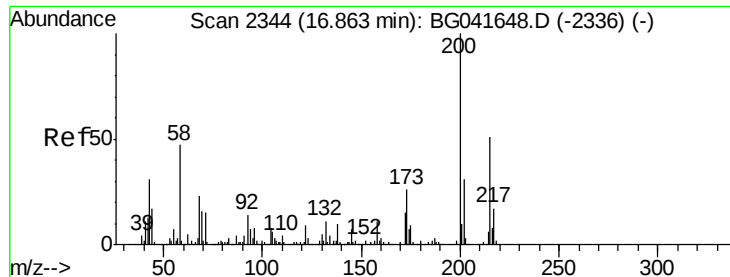
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.1	117.1
141	62.0	49.6	74.4



#68
 Hexachlorobenzene
 Concen: 28.920 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	27.0	40.6
249	34.5	28.4	42.6





#69

Atrazine

Concen: 32.109 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

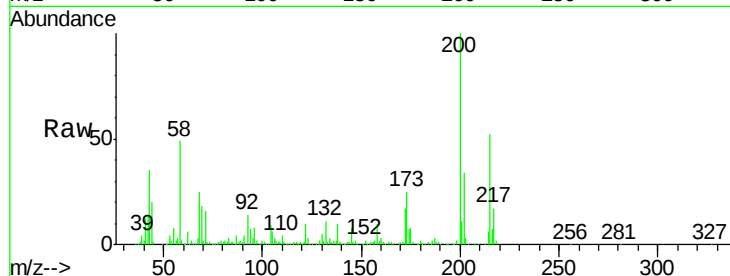
Tot Ion:200 Resp: 281236

Ion Ratio Lower Upper

200 100

173 25.5 5.3 45.3

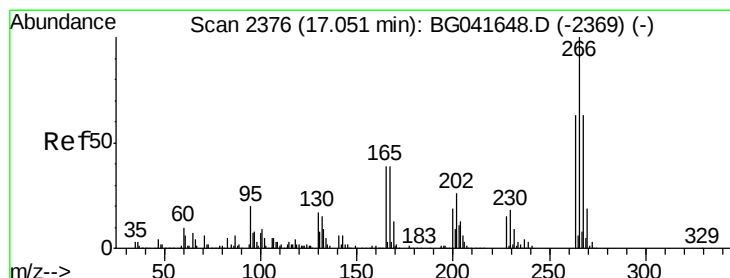
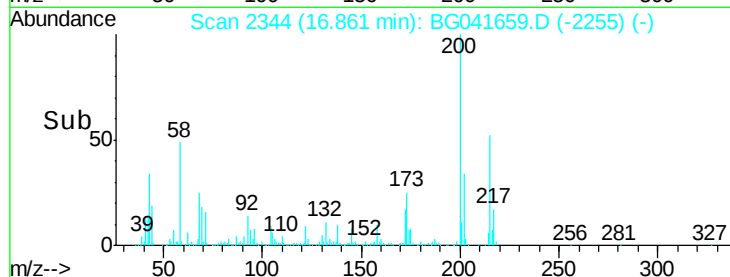
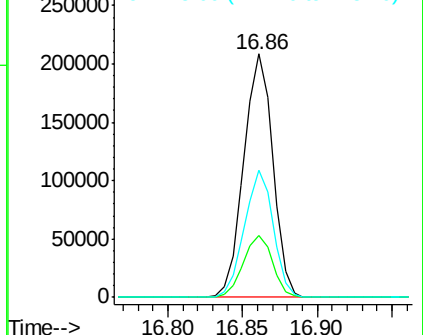
215 52.1 31.8 71.8



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: 67.146 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

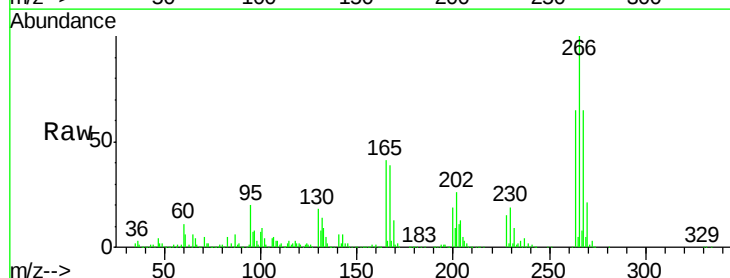
Tgt Ion:266 Resp: 413447

Ion Ratio Lower Upper

266 100

268 64.9 52.9 79.3

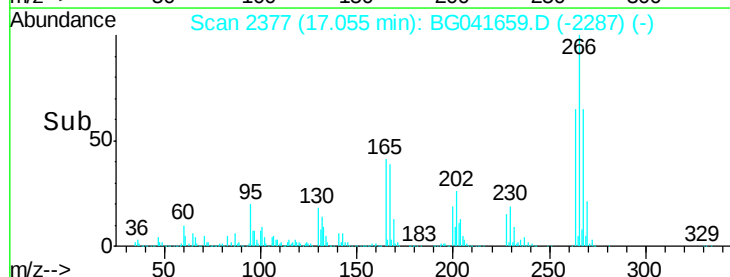
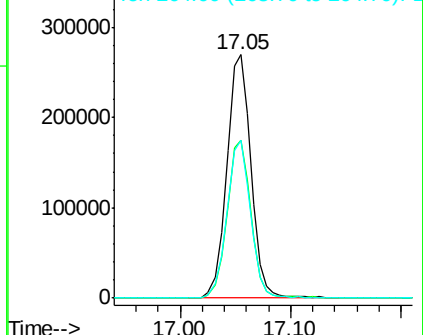
264 65.1 51.4 77.2

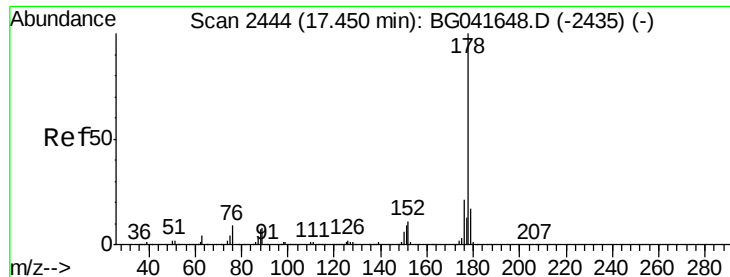


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 30.138 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

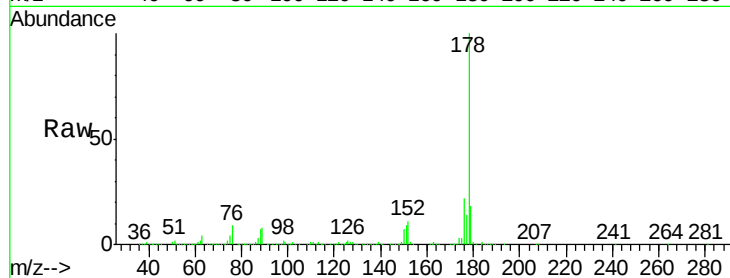
Tot Ion:178 Resp: 1247433

Ion Ratio Lower Upper

178 100

176 21.7 18.6 28.0

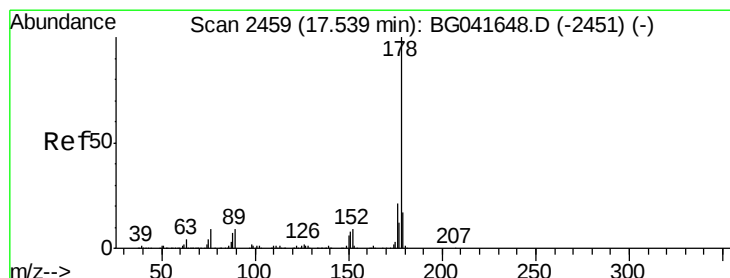
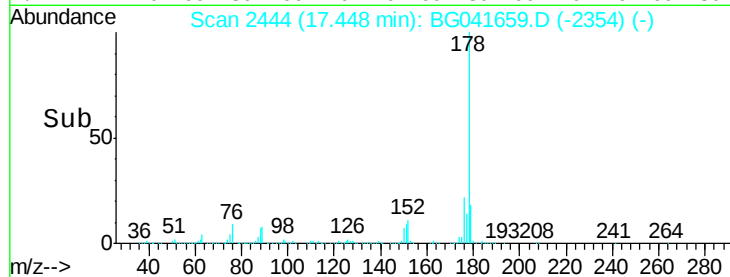
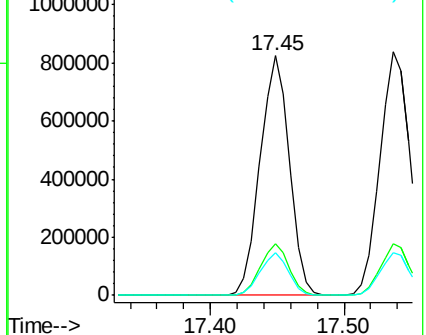
179 18.0 15.4 23.0



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: 31.395 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

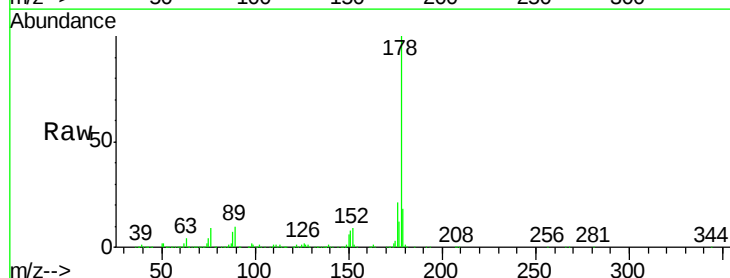
Tgt Ion:178 Resp: 1295294

Ion Ratio Lower Upper

178 100

176 21.2 18.6 28.0

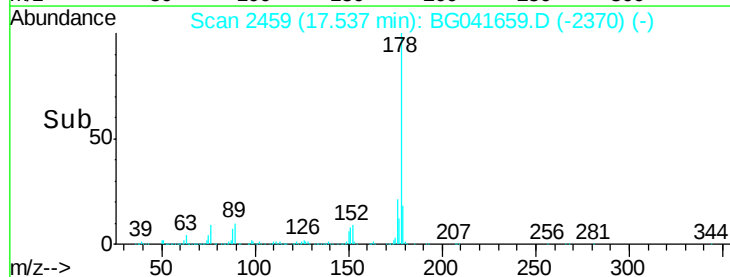
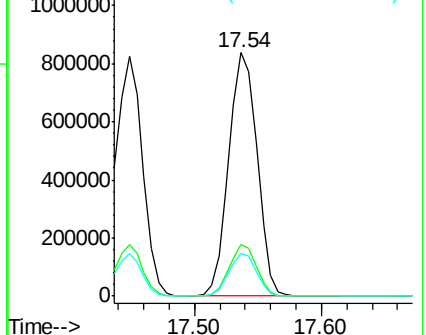
179 17.8 15.1 22.7

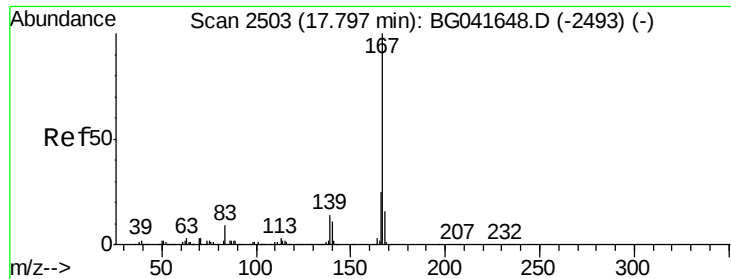


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



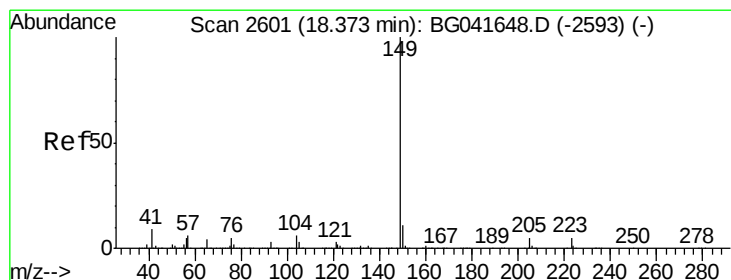
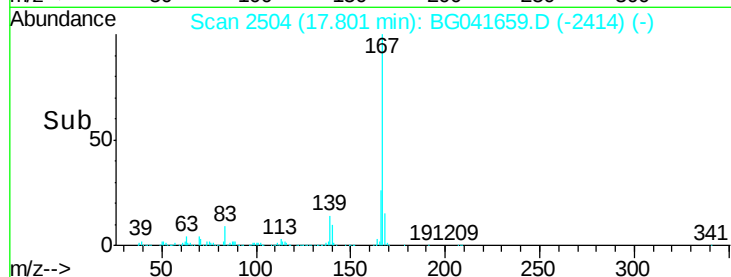
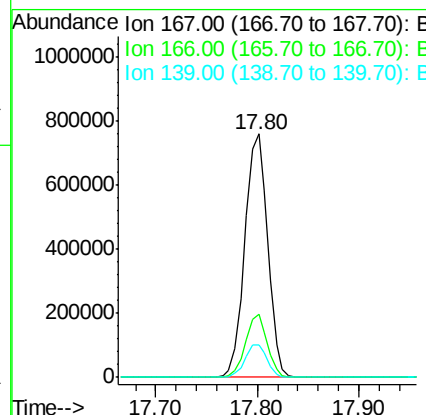
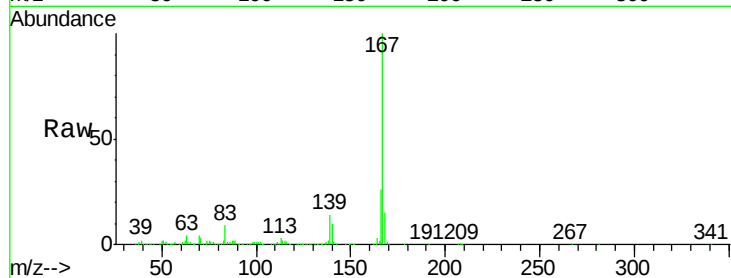


#73
 Carbazole
 Concen: 31.084 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1189387

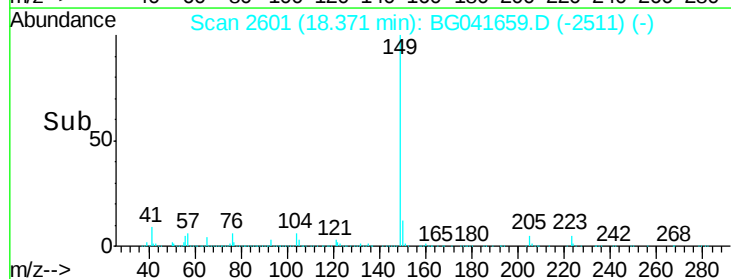
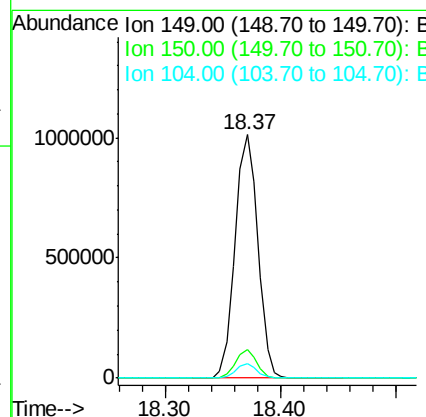
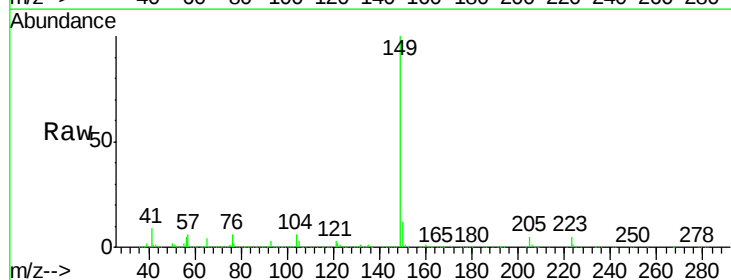
Ion	Ratio	Lower	Upper
167	100		
166	25.8	21.4	32.2
139	13.6	12.1	18.1

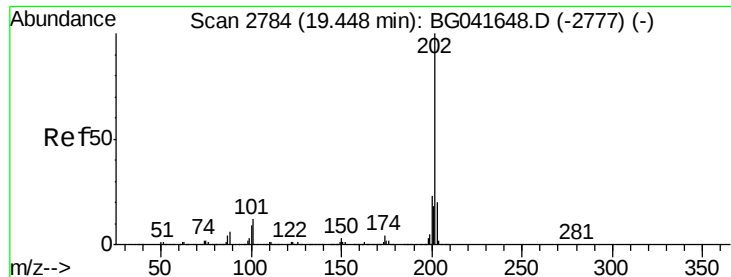


#74
 Di-n-butylphthalate
 Concen: 29.575 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion:149 Resp: 1380216

Ion	Ratio	Lower	Upper
149	100		
150	11.5	10.2	15.2
104	5.7	5.3	7.9





#75

Fluoranthene

Concen: 30.341 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

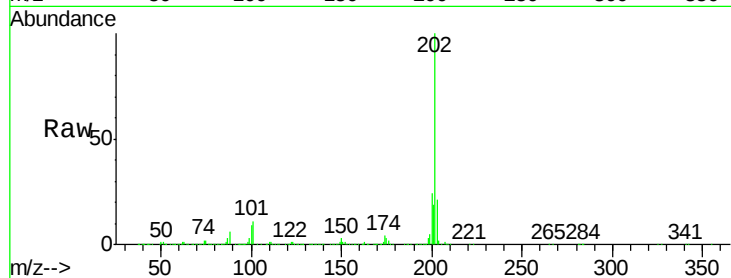
Tot Ion:202 Resp: 1542059

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.8
203	20.6	3.7	43.7

202 100

101 11.3 0.0 32.8

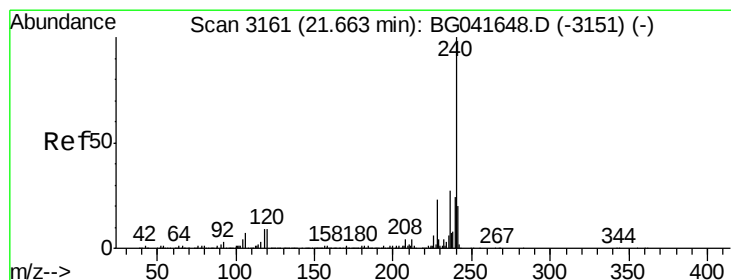
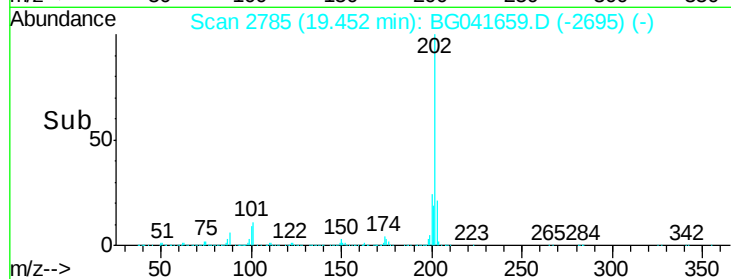
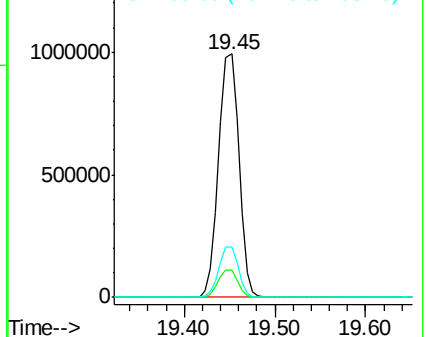
203 20.6 3.7 43.7



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: BG041659.D

Acq: 16 Jul 2019 9:07

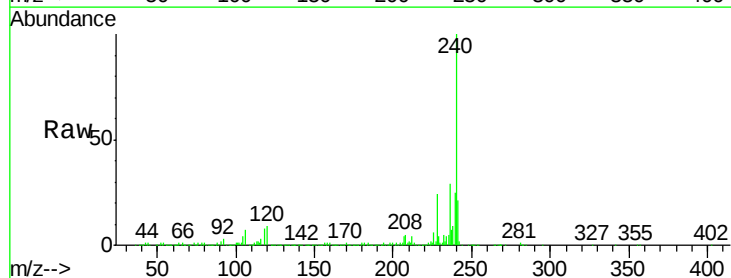
Tgt Ion:240 Resp: 773833

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.0	12.0
236	28.6	22.6	33.8

240 100

120 8.9 8.0 12.0

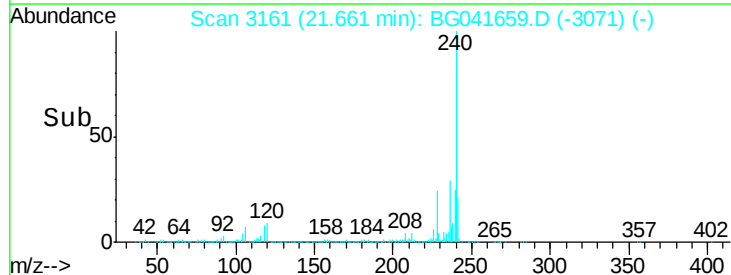
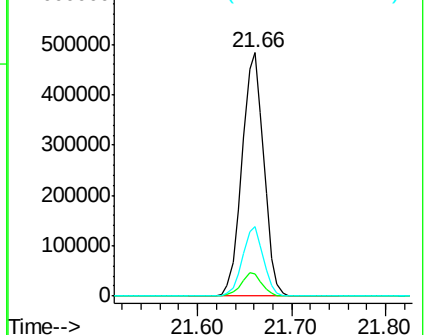
236 28.6 22.6 33.8

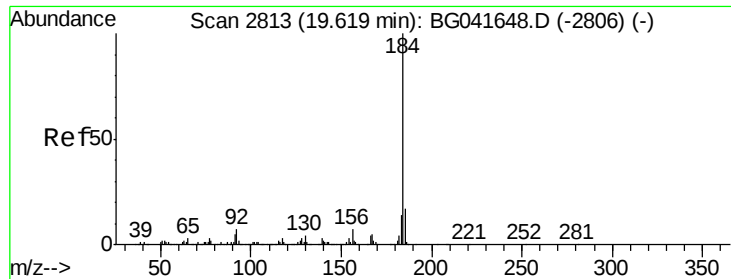


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.201 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

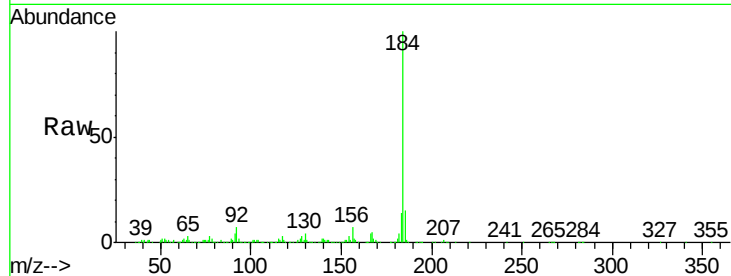
Tot Ion:184 Resp: 631528

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.4

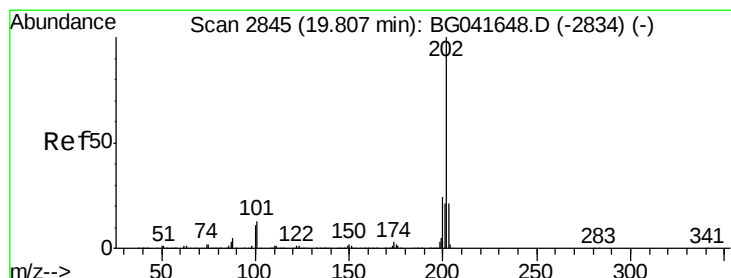
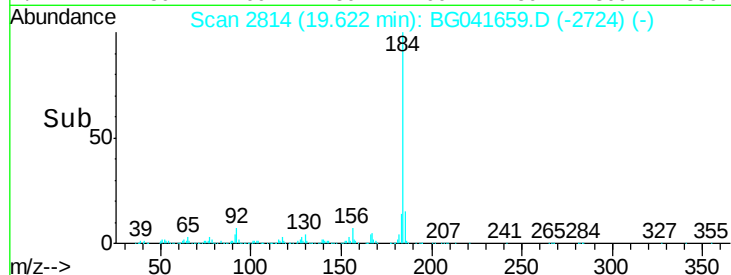
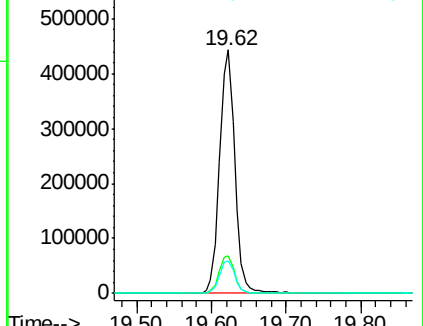
183 13.6 11.8 17.6



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: 29.623 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

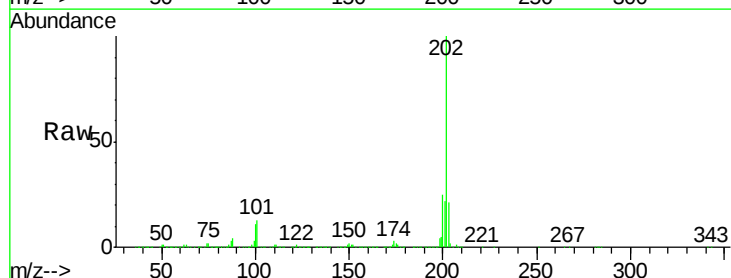
Tgt Ion:202 Resp: 1550386

Ion Ratio Lower Upper

202 100

200 25.2 22.2 33.2

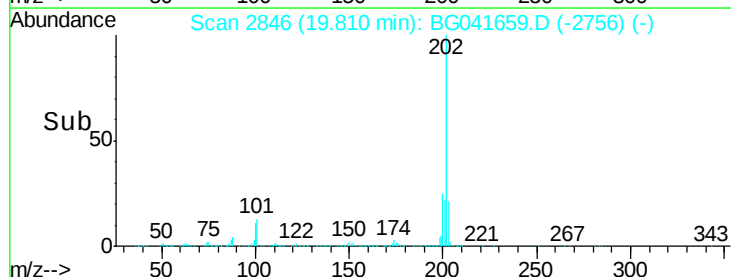
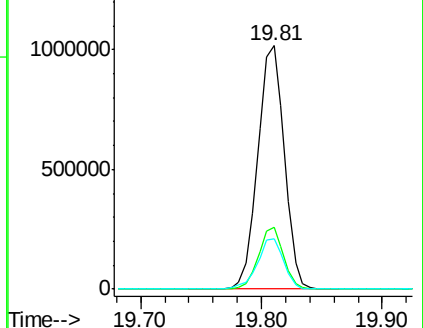
203 20.9 18.9 28.3

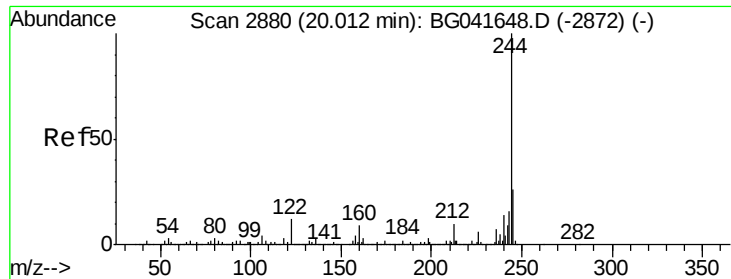


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.698 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

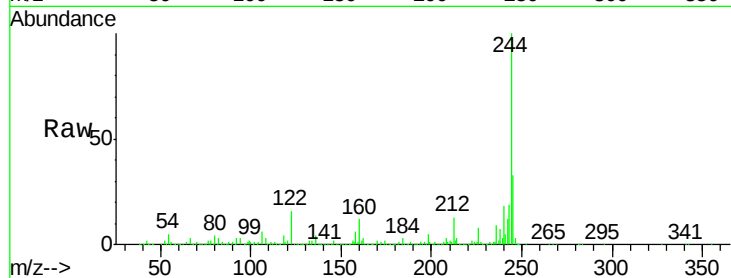
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2738466

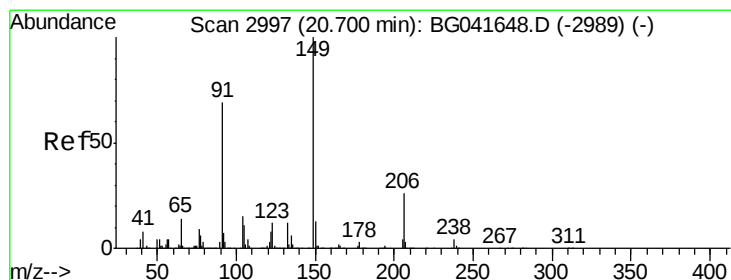
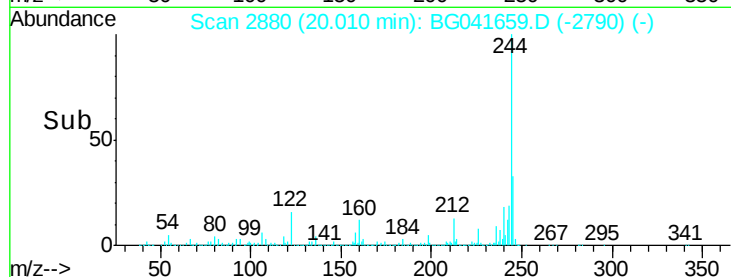
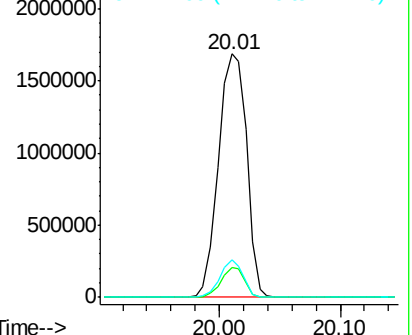
Ion	Ratio	Lower	Upper
244	100		
212	12.5	9.7	14.5
122	15.6	12.5	18.7



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: 29.879 ng

RT: 20.70 min Scan# 2997

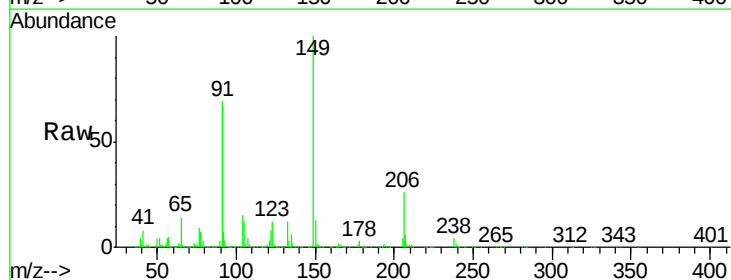
Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Tgt Ion:149 Resp: 649824

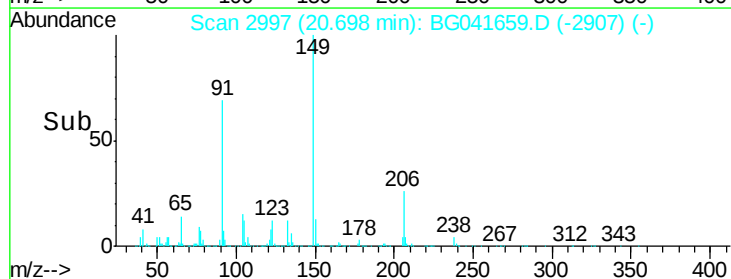
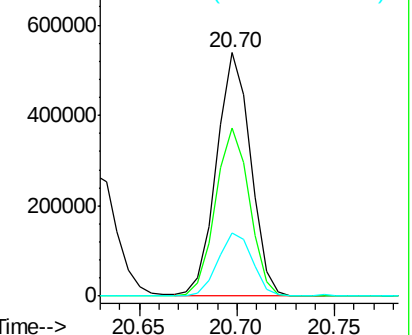
Ion	Ratio	Lower	Upper
149	100		
91	69.1	58.9	88.3
206	25.8	20.8	31.2

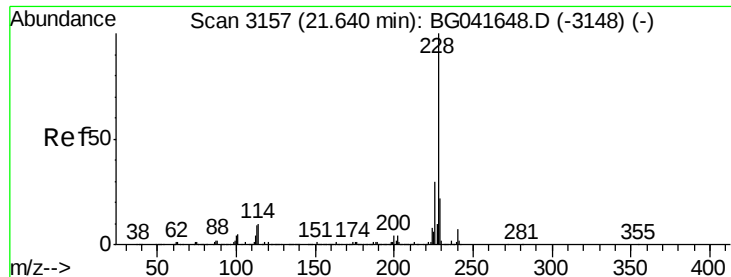


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 30.081 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampled :

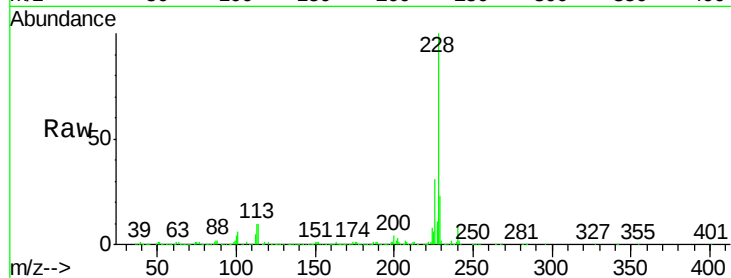
Tot Ion:228 Resp: 1503999

Ion	Ratio	Lower	Upper
228	100		
226	30.8	27.3	40.9
229	22.9	19.7	29.5

228 100

226 30.8 27.3 40.9

229 22.9 19.7 29.5

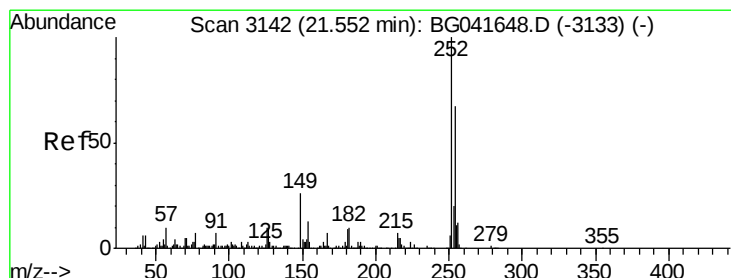
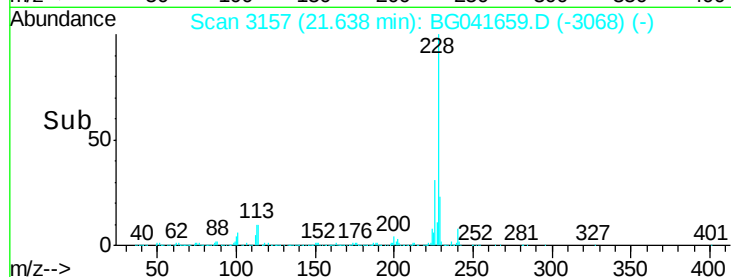
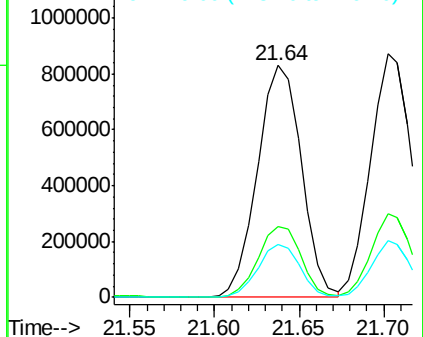


Abundance

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: 28.009 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

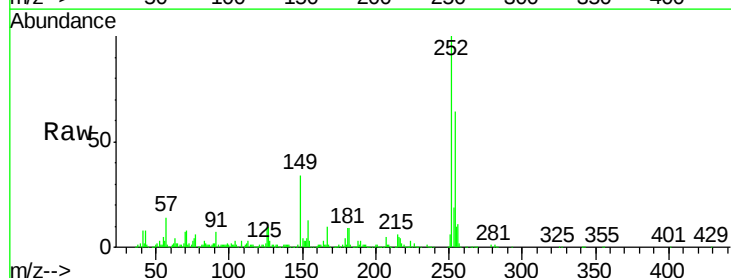
Tgt Ion:252 Resp: 551057

Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.8	80.6
126	9.4	7.8	11.8

252 100

254 63.9 53.8 80.6

126 9.4 7.8 11.8

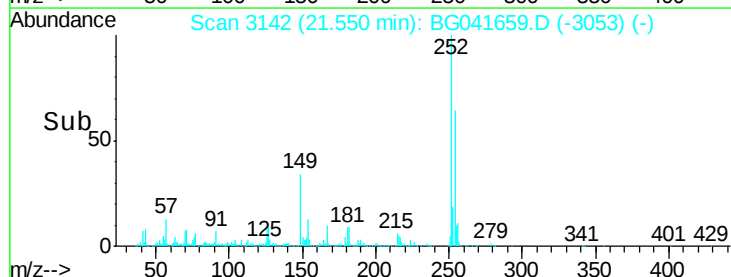
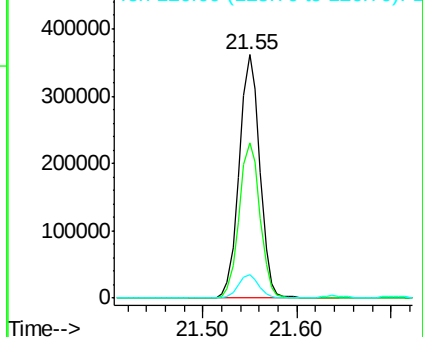


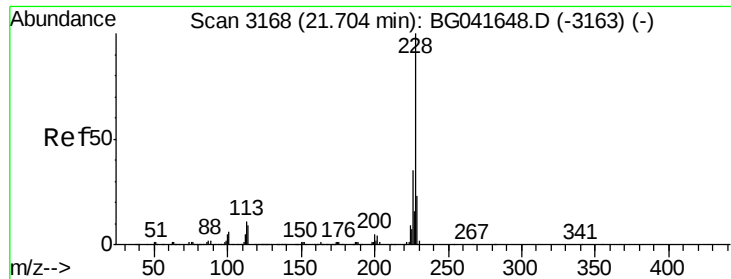
Abundance

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: 30.655 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

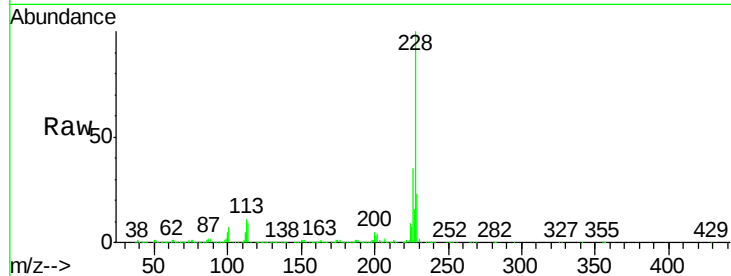
Tot Ion:228 Resp: 1464554

Ion Ratio Lower Upper

228 100

226 34.5 30.1 45.1

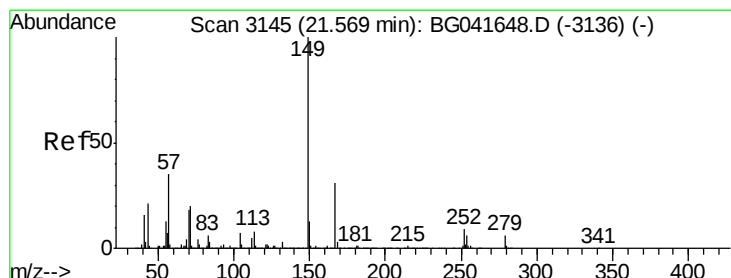
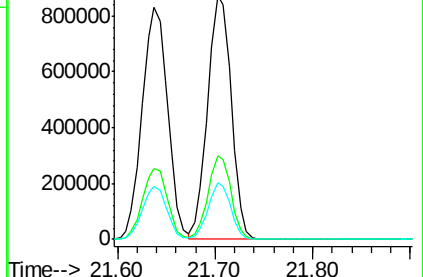
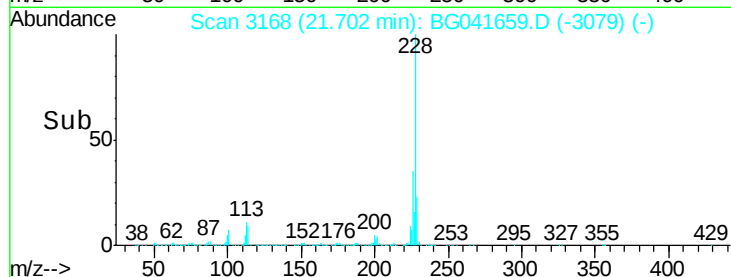
229 23.2 19.8 29.6



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: 30.181 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

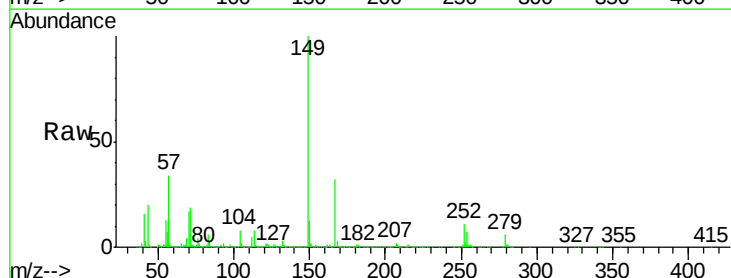
Tgt Ion:149 Resp: 926747

Ion Ratio Lower Upper

149 100

167 32.0 27.0 40.4

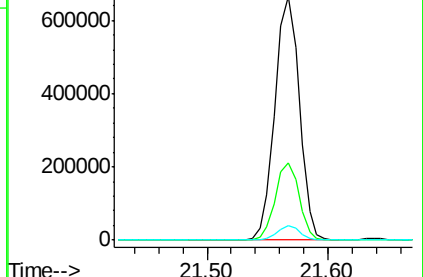
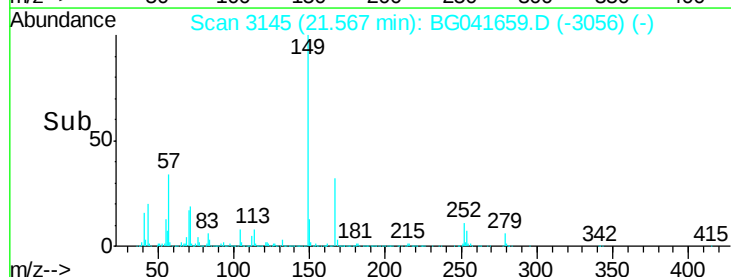
279 6.0 5.0 7.6

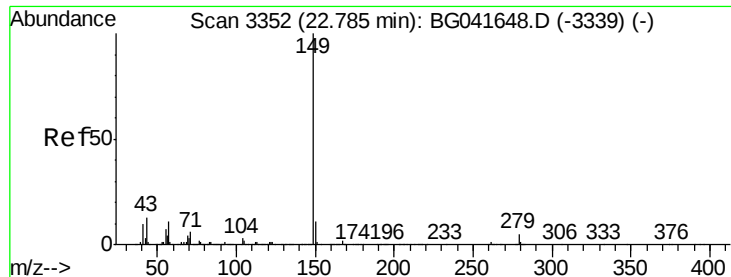


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 30.360 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampled :

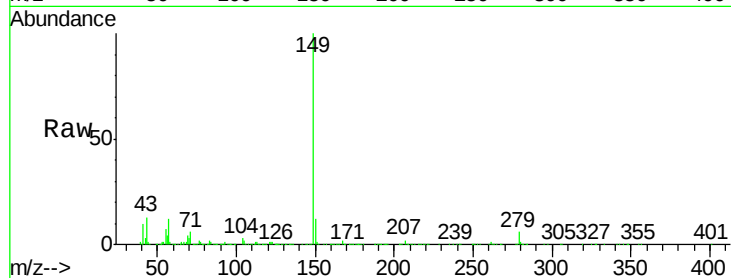
Tot Ion:149 Resp: 1587637

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

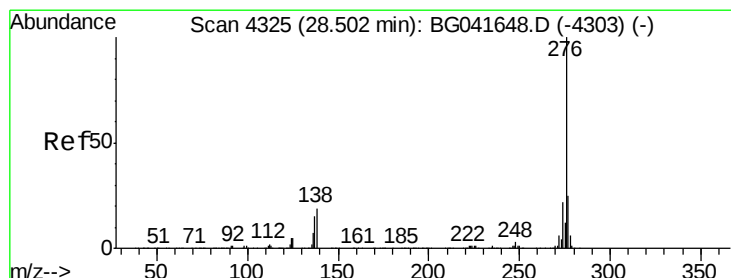
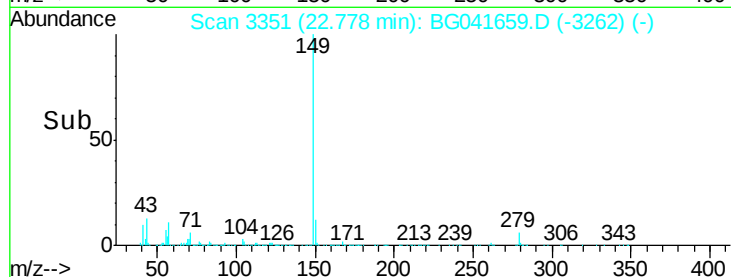
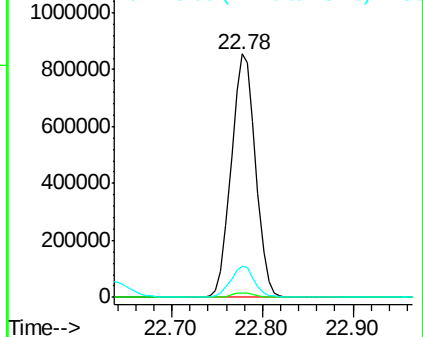
43 12.2 10.6 16.0



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.005 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.02 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

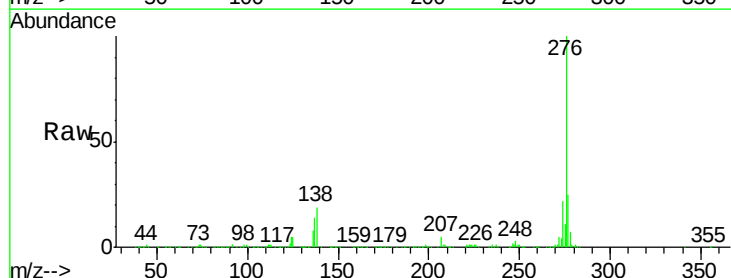
Tgt Ion:276 Resp: 1891412

Ion Ratio Lower Upper

276 100

138 17.5 19.4 29.0#

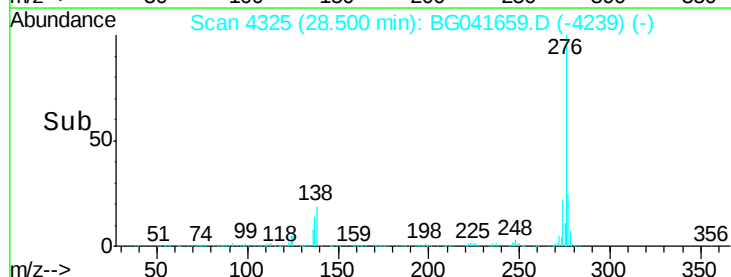
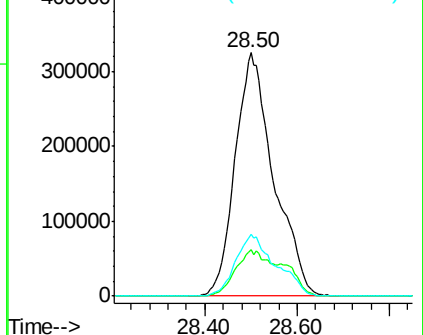
277 26.4 21.2 31.8

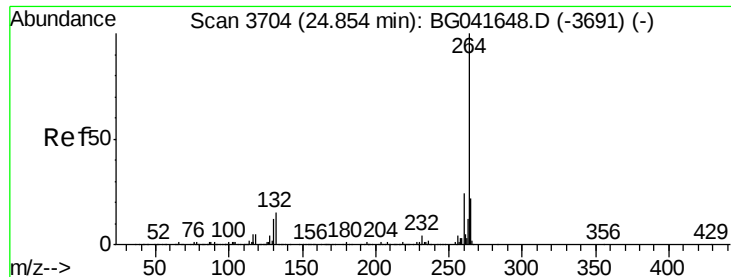


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

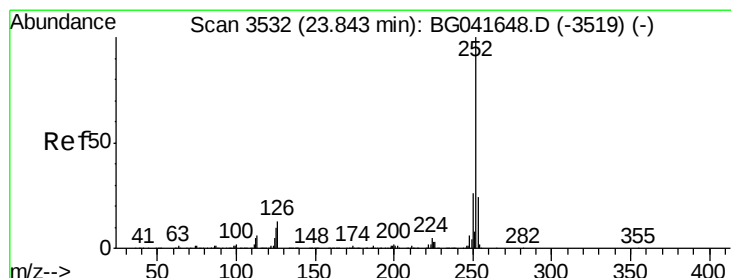
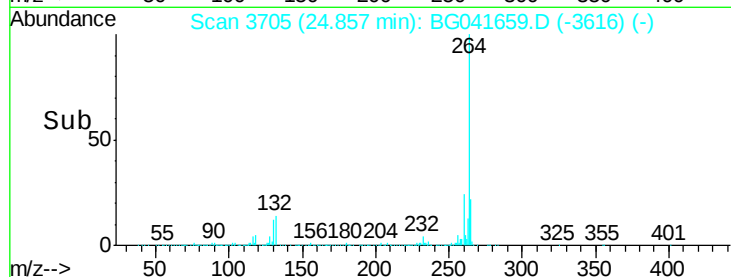
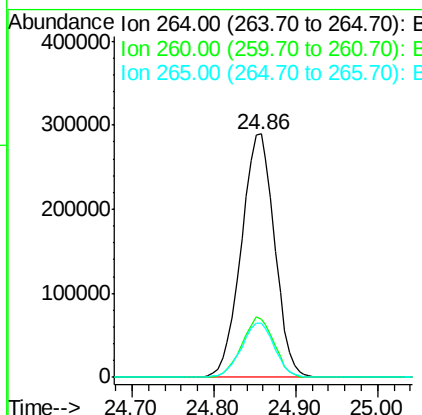
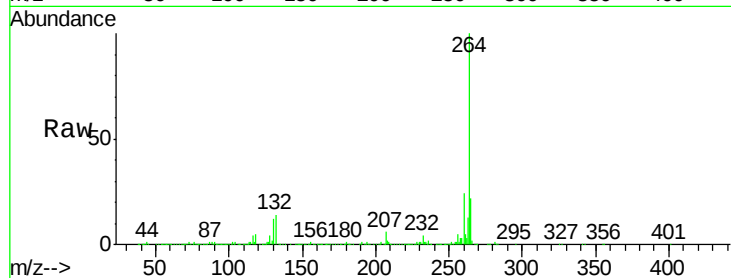




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

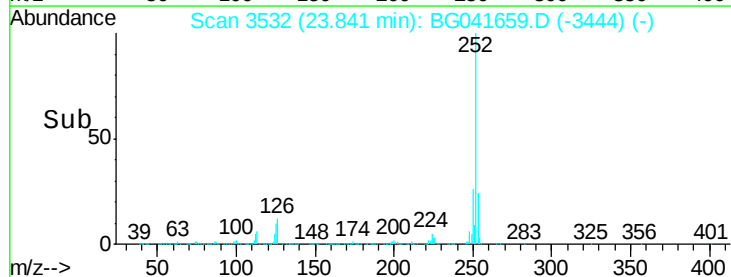
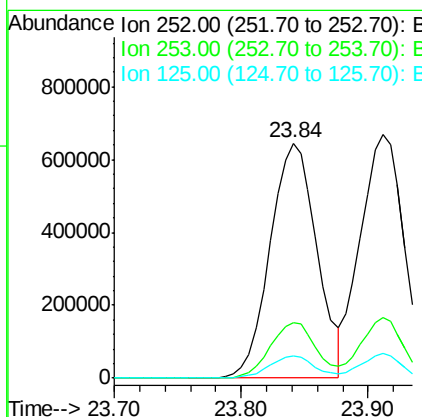
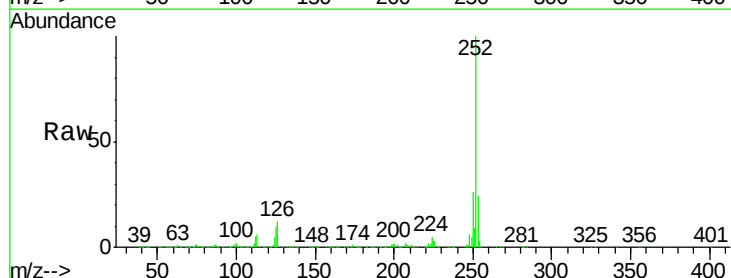
Instrument :
BNA_G
ClientSampleId :

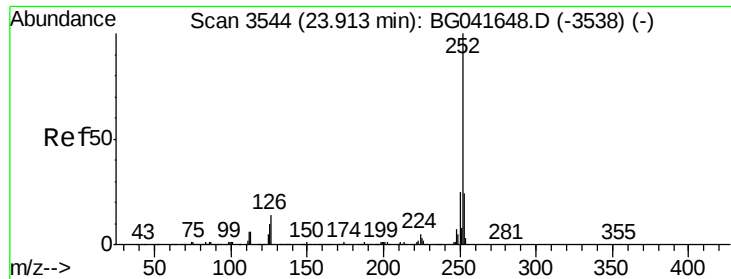
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.4	18.0	27.0



#88
Benzo(b)fluoranthene
Concen: 33.277 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.6	30.8
125	9.6	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 34.669 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

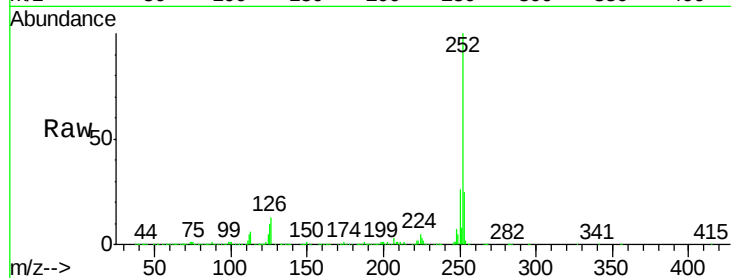
Tot Ion:252 Resp: 1595620

Ion Ratio Lower Upper

252 100

253 25.0 20.5 30.7

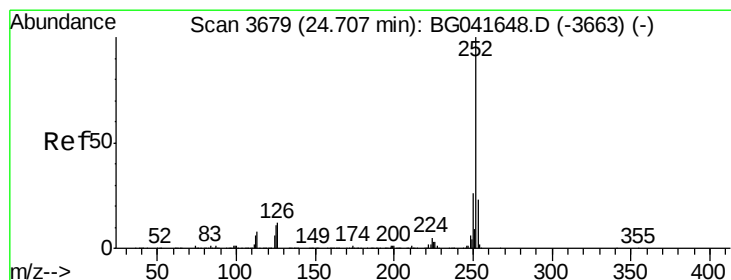
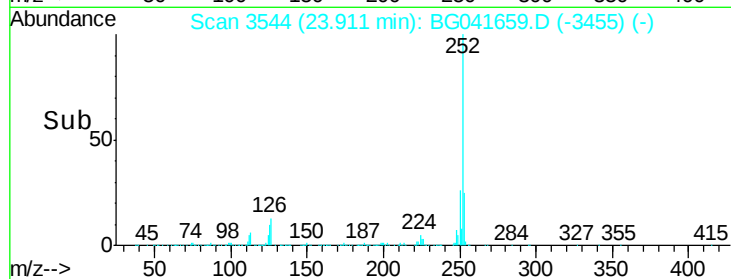
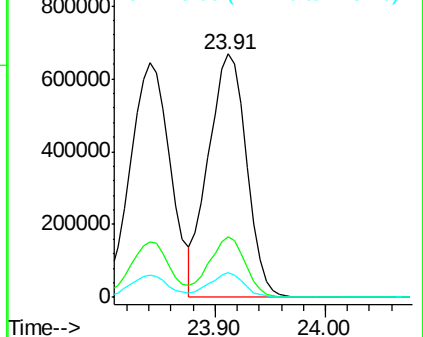
125 9.9 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.175 ng

RT: 24.70 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

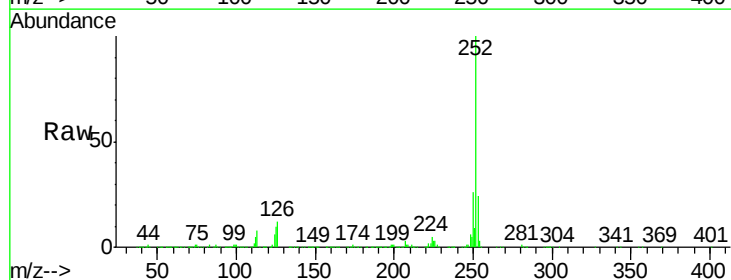
Tgt Ion:252 Resp: 1606020

Ion Ratio Lower Upper

252 100

253 24.1 19.8 29.8

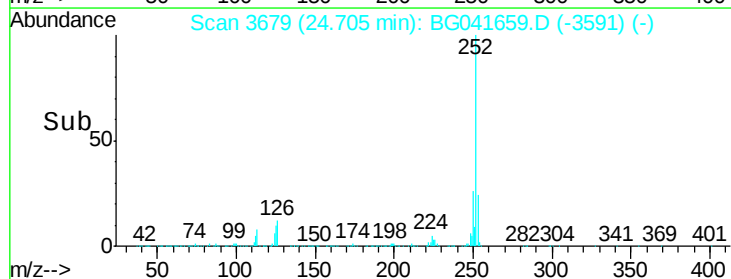
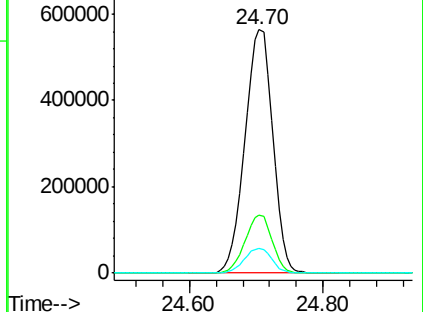
125 9.9 8.8 13.2

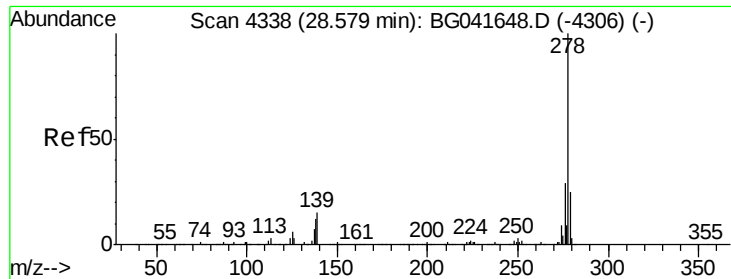


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

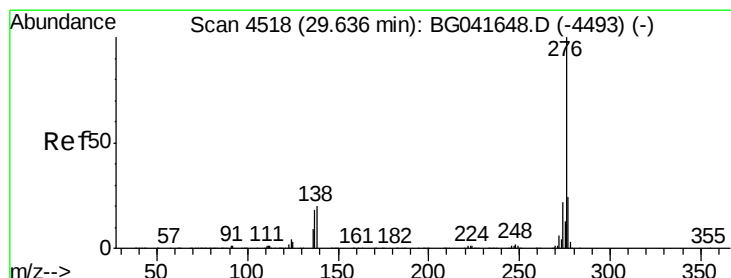
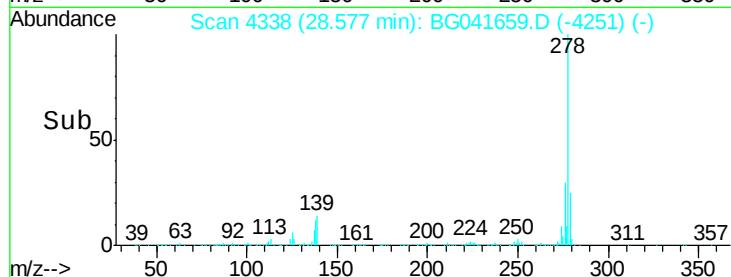
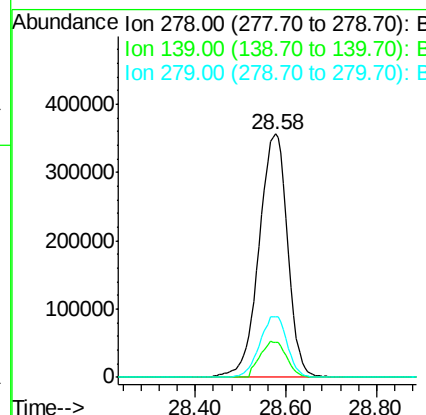
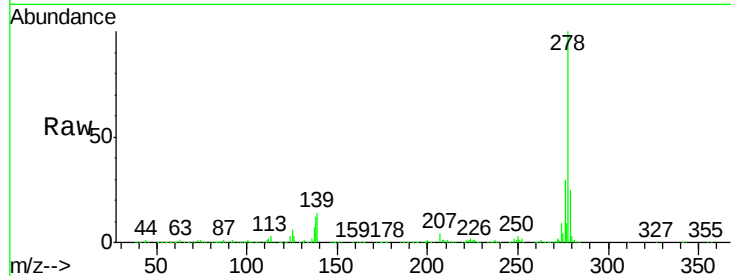




#91
Dibenzo(a,h)anthracene
Concen: 34.207 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.02 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1558629
Ion Ratio Lower Upper
278 100
139 14.2 12.6 19.0
279 24.7 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 34.435 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.02 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:276 Resp: 1572386
Ion Ratio Lower Upper
276 100
277 24.9 19.8 29.8
138 19.7 16.6 25.0

