

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041690.D
 Acq On : 17 Jul 2019 15:26
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 18 07:09:14 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	102547	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	436416	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	268598	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	623948	20.00	ng	0.00
76) Chrysene-d12	21.65	240	586761	20.00	ng	0.00
87) Perylene-d12	24.85	264	684133	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	510740	81.42	ng	0.00
7) Phenol-d6	7.20	99	684664	81.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	616312	85.88	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	265524	87.72	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1441976	83.13	ng	0.00
79) Terphenyl-d14	20.00	244	2084400	83.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	117195	39.337	ng	99
3) Pyridine	3.90	79	329356	41.414	ng	98
4) n-Nitrosodimethylamine	3.81	42	143082	38.959	ng	96
6) Aniline	7.37	93	448712	39.570	ng	99
8) 2-Chlorophenol	7.61	128	286625	40.361	ng	99
9) Benzaldehyde	7.18	77	214409	41.707	ng	95
10) Phenol	7.22	94	358412	40.319	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	287793	40.086	ng	97
12) 1,3-Dichlorobenzene	7.94	146	344201	40.620	ng	99
13) 1,4-Dichlorobenzene	8.08	146	344548	40.602	ng	96
14) 1,2-Dichlorobenzene	8.40	146	325680	40.706	ng	98
15) Benzyl Alcohol	8.28	79	265628	39.544	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	580878	39.046	ng	99
17) 2-Methylphenol	8.48	107	248241	40.380	ng	98
18) Hexachloroethane	9.14	117	124765	40.141	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	242751	39.363	ng	97
20) 3+4-Methylphenols	8.80	107	344008	40.834	ng	98
22) Acetophenone	8.87	105	431861	40.630	ng	# 96
24) Nitrobenzene	9.25	77	332380	42.459	ng	98
25) Isophorone	9.77	82	642140	40.865	ng	98
26) 2-Nitrophenol	9.96	139	159150	44.674	ng	95
27) 2,4-Dimethylphenol	10.01	122	252653	40.637	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	396622	40.953	ng	99
29) 2,4-Dichlorophenol	10.50	162	298191	42.066	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	341579	41.040	ng	98
31) Naphthalene	10.90	128	885574	41.217	ng	98
32) Benzoic acid	10.14	122	203377	43.704	ng	96
33) 4-Chloroaniline	11.00	127	399135	40.273	ng	99
34) Hexachlorobutadiene	11.20	225	222759	41.641	ng	99
35) Caprolactam	11.77	113	107558	41.281	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	307385	41.393	ng	99
37) 2-Methylnaphthalene	12.51	142	676884	41.236	ng	99
38) 1-Methylnaphthalene	12.72	142	648048	41.410	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	382254	41.547	ng	99

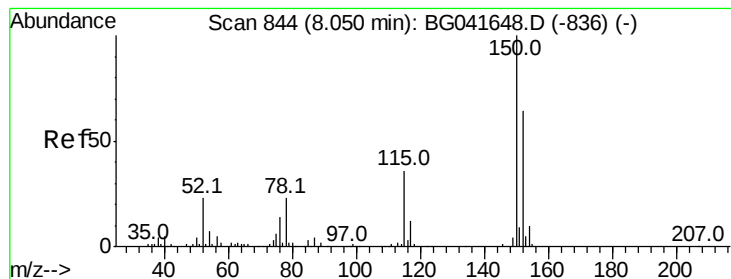
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	218635	42.009	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	253173	42.350	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	271048	43.033	ng	98
46) 1,1'-Biphenyl	13.50	154	829150	41.204	ng	98
47) 2-Chloronaphthalene	13.55	162	692455	41.289	ng	98
48) 2-Nitroaniline	13.73	65	219149	44.881	ng	99
49) Acenaphthylene	14.39	152	1085191	41.450	ng	97
50) Dimethylphthalate	14.12	163	878447	41.642	ng	99
51) 2,6-Dinitrotoluene	14.23	165	200520	44.813	ng	98
52) Acenaphthene	14.73	154	683566	41.431	ng	98
53) 3-Nitroaniline	14.56	138	212324	43.468	ng	95
54) 2,4-Dinitrophenol	14.76	184	92604	44.722	ng	# 87
55) Dibenzofuran	15.06	168	1029398	41.578	ng	98
56) 4-Nitrophenol	14.85	139	173034	43.755	ng	96
57) 2,4-Dinitrotoluene	15.01	165	278682	47.116	ng	97
58) Fluorene	15.71	166	821110	40.760	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	254705	43.803	ng	98
60) Diethylphthalate	15.48	149	877983	41.313	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	470150	41.287	ng	99
62) 4-Nitroaniline	15.71	138	225263	43.484	ng	98
63) Azobenzene	16.00	77	773535	40.260	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	133028	45.341	ng	98
66) n-Nitrosodiphenylamine	15.91	169	751683	41.024	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	314634	42.380	ng	99
68) Hexachlorobenzene	16.71	284	315935	42.260	ng	97
69) Atrazine	16.85	200	263031	39.557	ng	99
70) Pentachlorophenol	17.05	266	205763	44.018	ng	97
71) Phenanthrene	17.45	178	1316730	41.905	ng	97
72) Anthracene	17.54	178	1311773	41.881	ng	97
73) Carbazole	17.79	167	1217090	41.899	ng	96
74) Di-n-butylphthalate	18.36	149	1437954	40.587	ng	97
75) Fluoranthene	19.44	202	1576186	40.851	ng	96
77) Benzidine	19.62	184	819898	39.557	ng	99
78) Pyrene	19.80	202	1577135	39.742	ng	95
80) Butylbenzylphthalate	20.70	149	692118	41.970	ng	93
81) Benzo(a)anthracene	21.63	228	1584472	41.795	ng	97
82) 3,3'-Dichlorobenzidine	21.55	252	611937	41.019	ng	98
83) Chrysene	21.70	228	1508864	41.652	ng	95
84) Bis(2-ethylhexyl)phthalate	21.56	149	957703	41.132	ng	97
85) Di-n-octyl phthalate	22.77	149	1656776	41.784	ng	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	1965928	41.130	ng	# 92
88) Benzo(b)fluoranthene	23.83	252	1706165	41.115	ng	98
89) Benzo(k)fluoranthene	23.90	252	1630656	42.407	ng	98
90) Benzo(a)pyrene	24.70	252	1629028	41.491	ng	99
91) Dibenzo(a,h)anthracene	28.56	278	1571801	41.289	ng	99
92) Benzo(g,h,i)perylene	29.64	276	1570642	41.171	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

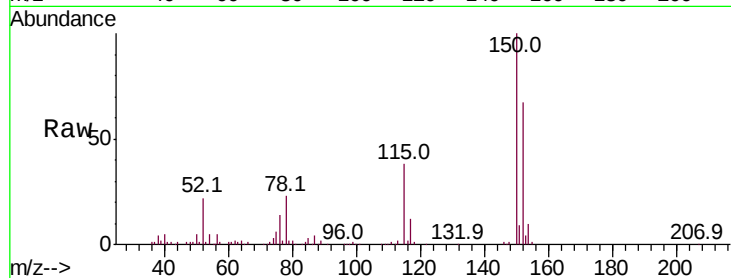
Tot Ion:152 Resp: 102547

Ion Ratio Lower Upper

152 100

150 149.6 126.9 190.3

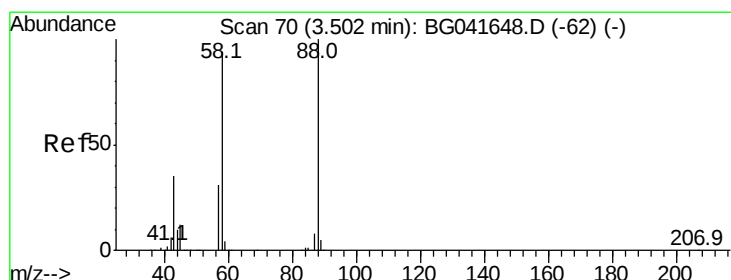
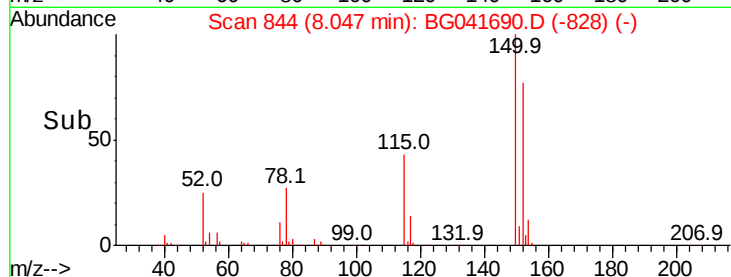
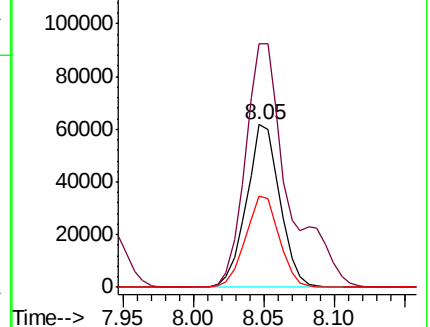
115 56.1 45.0 67.6



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



#2

1,4-Dioxane

Concen: 39.337 ng

RT: 3.50 min Scan# 70

Delta R.T. 0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

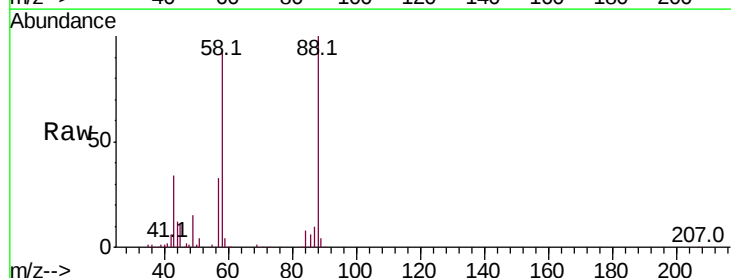
Tgt Ion: 88 Resp: 117195

Ion Ratio Lower Upper

88 100

58 94.4 76.2 114.2

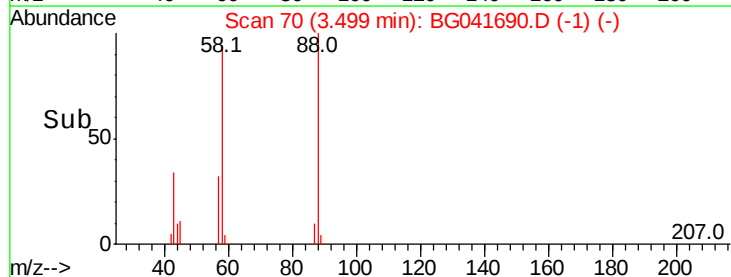
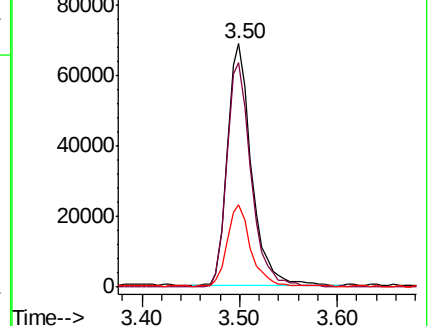
43 32.9 27.2 40.8

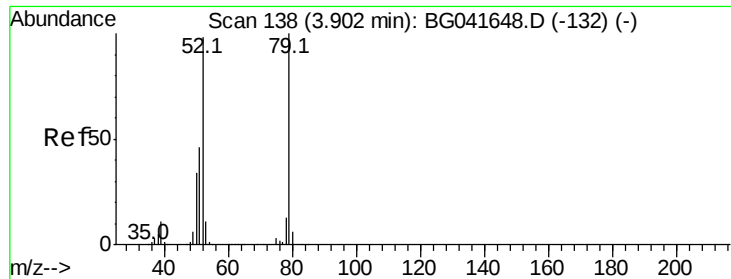


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.414 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

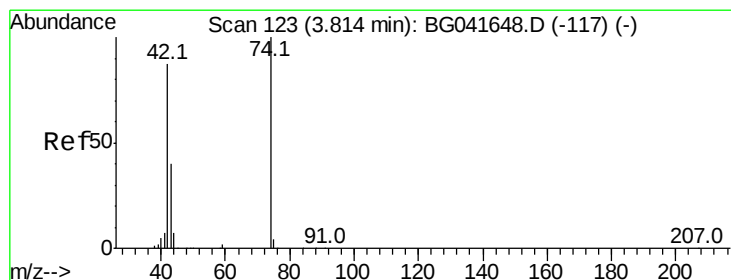
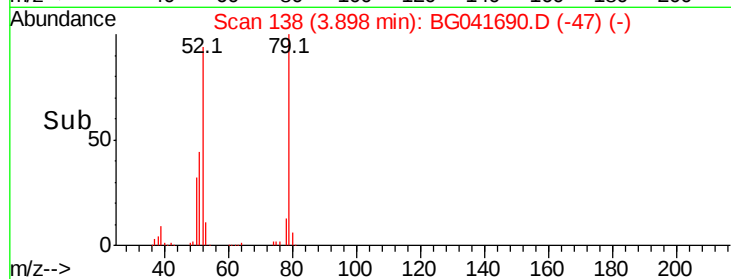
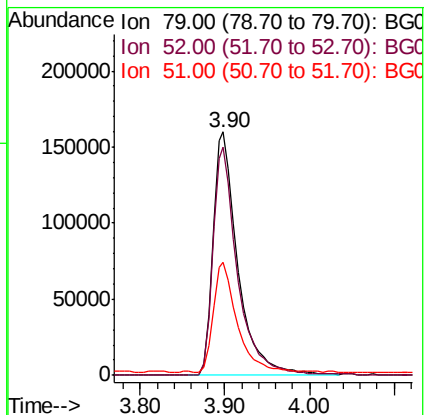
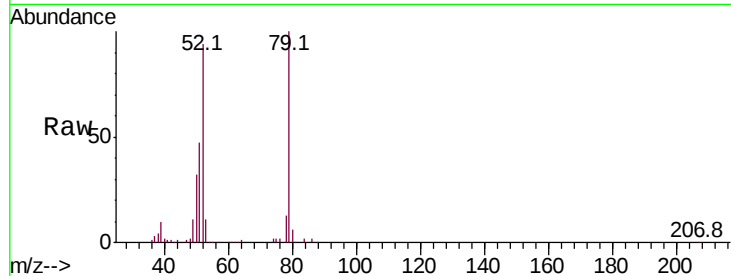
Tot Ion: 79 Resp: 329356

Ion Ratio Lower Upper

79 100

52 93.6 77.1 115.7

51 46.7 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 38.959 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

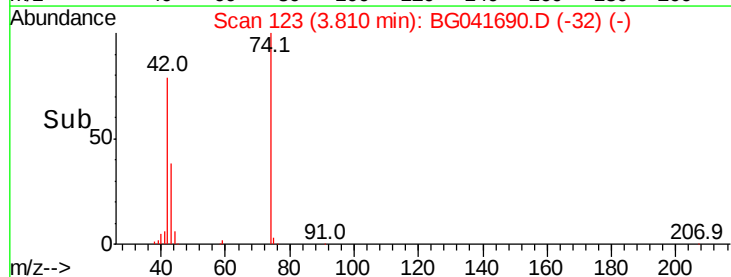
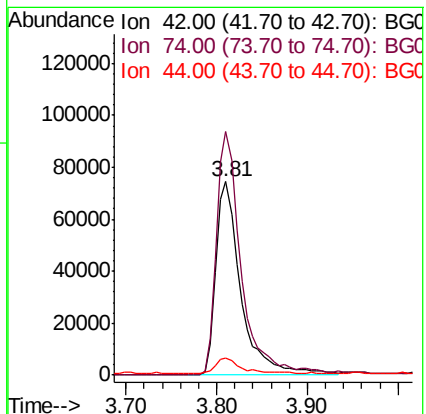
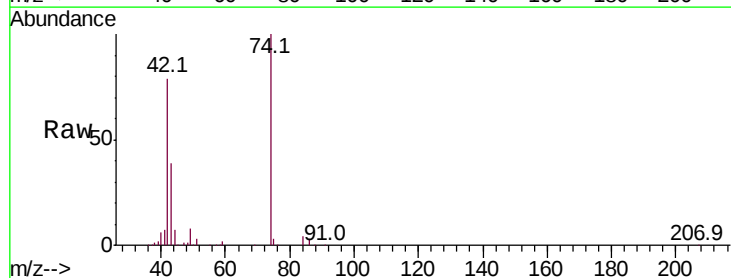
Tgt Ion: 42 Resp: 143082

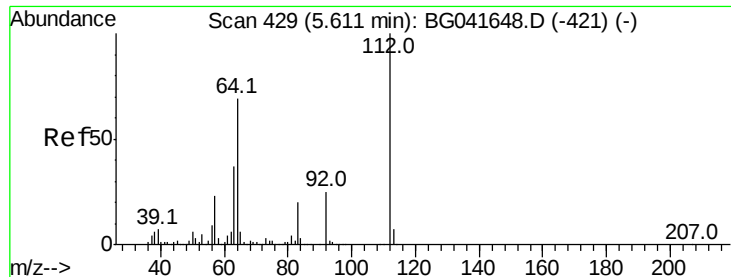
Ion Ratio Lower Upper

42 100

74 126.0 97.4 146.2

44 8.9 6.6 9.8





#5

2-Fluorophenol

Concen: 81.419 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

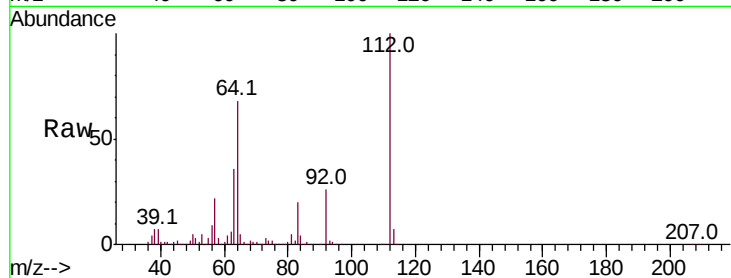
Tot Ion:112 Resp: 510740

Ion Ratio Lower Upper

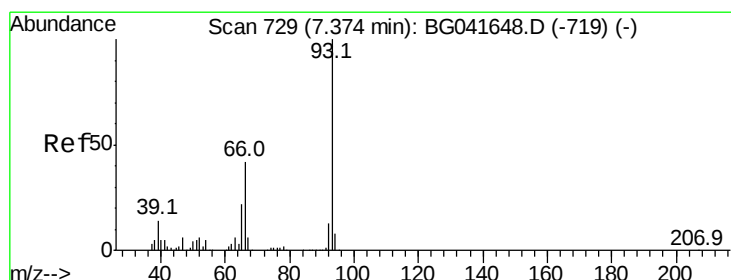
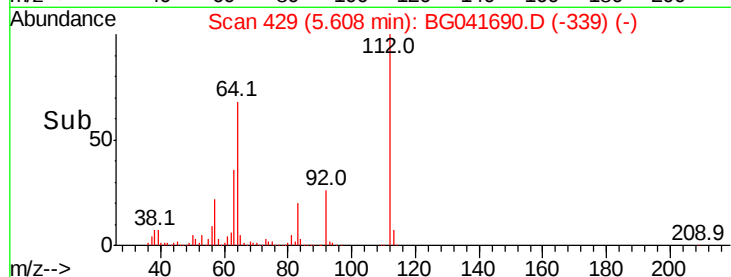
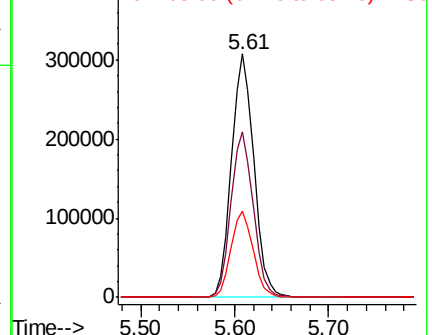
112 100

64 68.0 55.4 83.2

63 35.5 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: 39.570 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

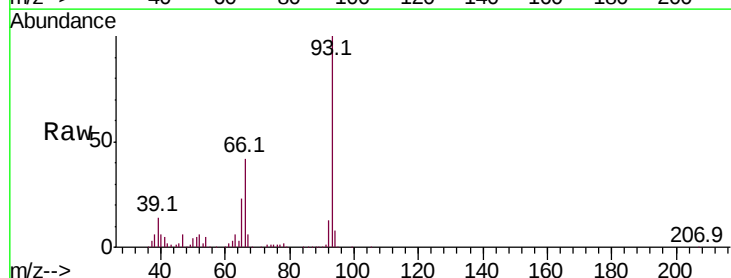
Tgt Ion: 93 Resp: 448712

Ion Ratio Lower Upper

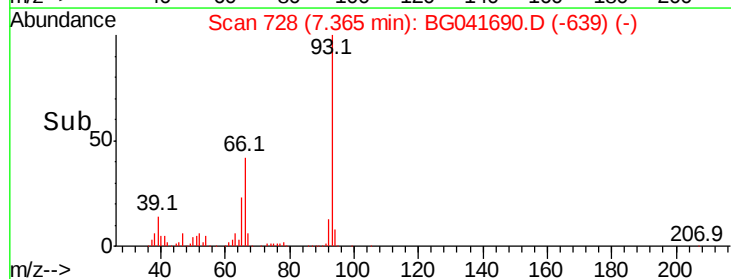
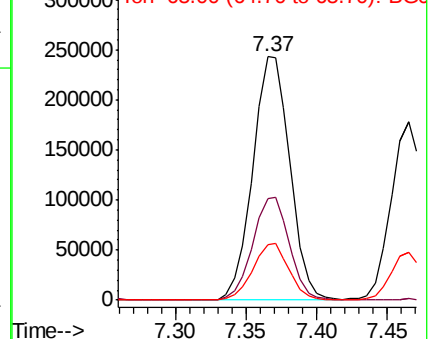
93 100

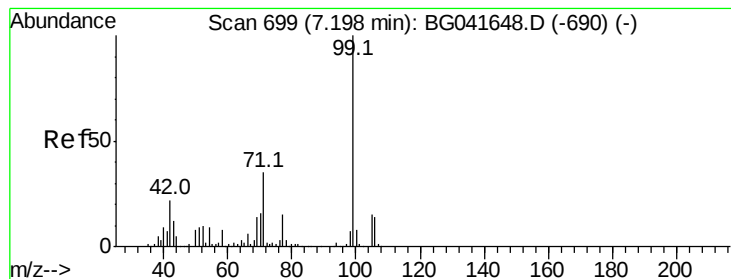
66 41.5 34.2 51.2

65 22.7 18.2 27.2



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





#7

Phenol-d6

Concen: 81.146 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampled :

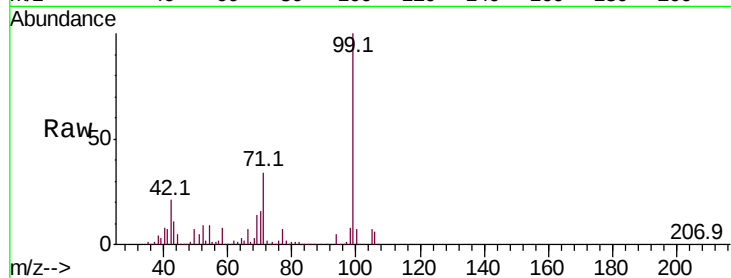
Tot Ion: 99 Resp: 684664

Ion Ratio Lower Upper

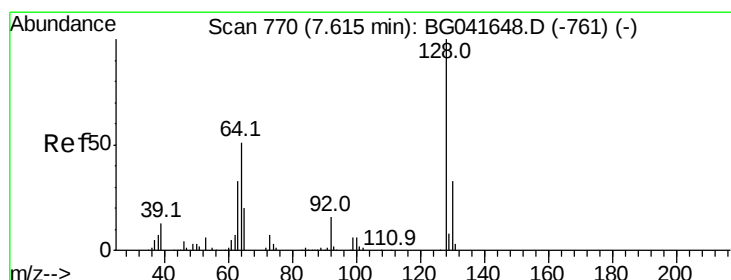
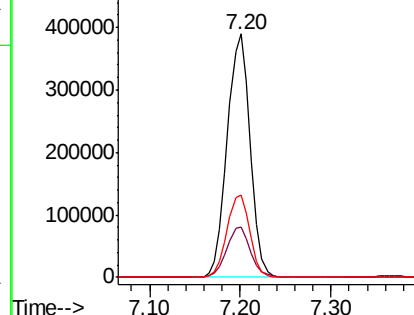
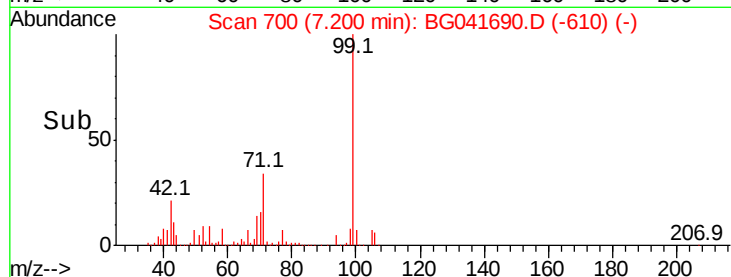
99 100

42 20.6 17.6 26.4

71 33.8 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: 40.361 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

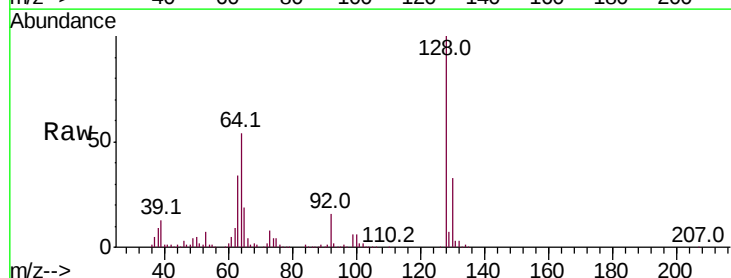
Tgt Ion:128 Resp: 286625

Ion Ratio Lower Upper

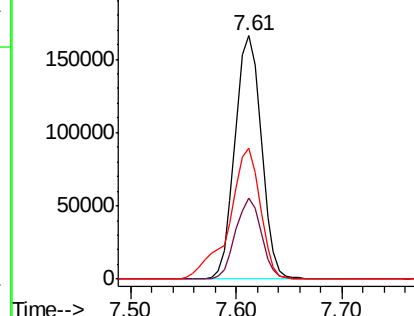
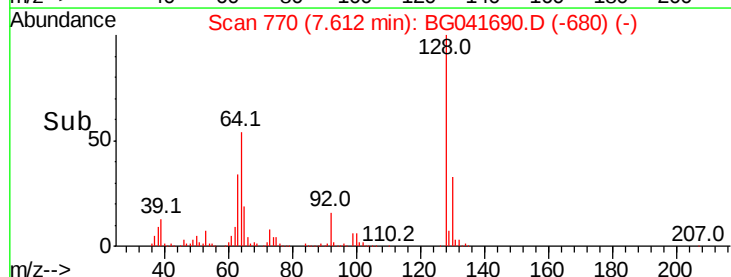
128 100

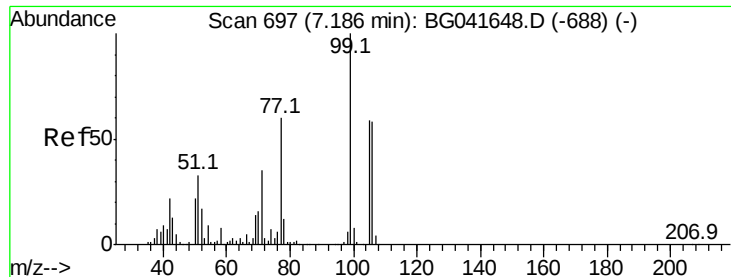
130 33.3 12.4 52.4

64 54.1 34.9 74.9



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





#9

Benzaldehyde

Concen: 41.707 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

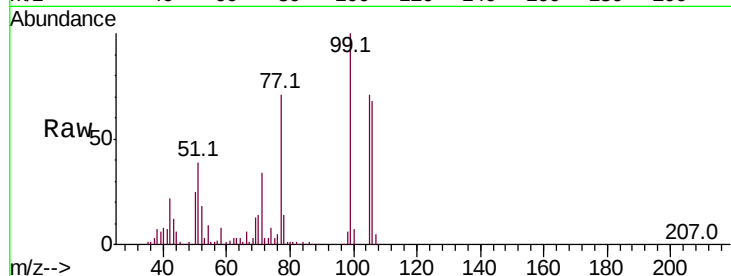
Tot Ion: 77 Resp: 214409

Ion Ratio Lower Upper

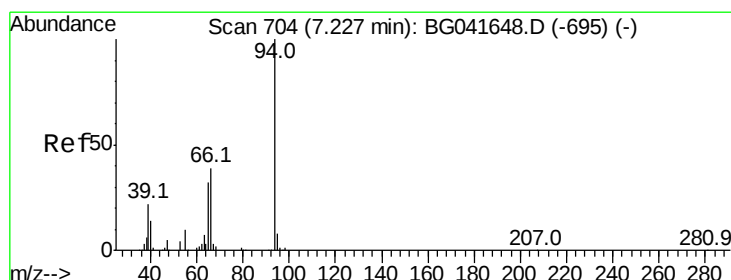
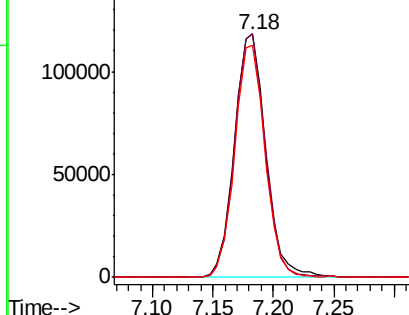
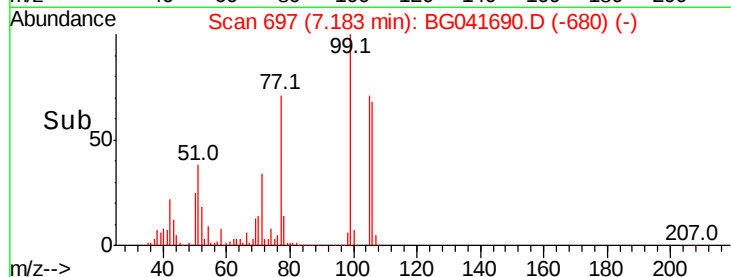
77 100

105 100.0 74.6 114.6

106 95.6 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: 40.319 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

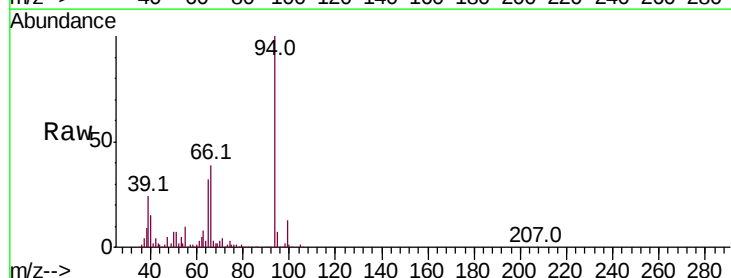
Tgt Ion: 94 Resp: 358412

Ion Ratio Lower Upper

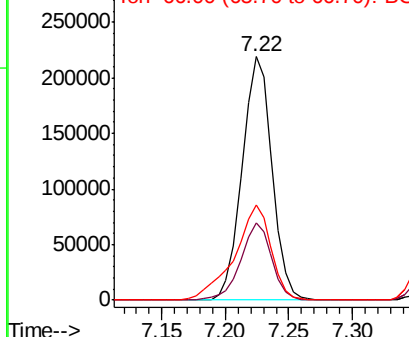
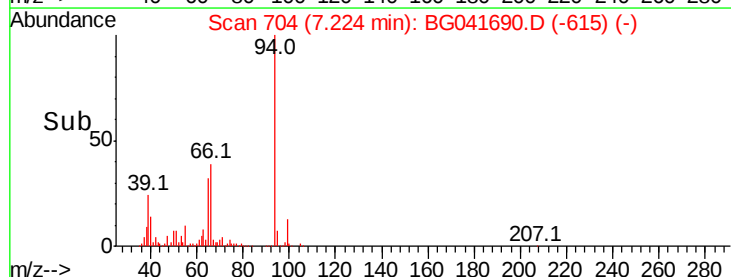
94 100

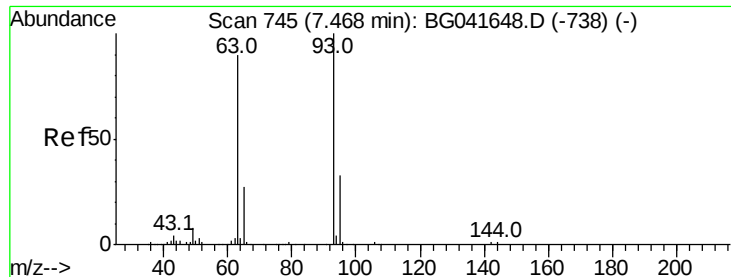
65 31.6 10.6 50.6

66 39.2 18.2 58.2



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





#11

bis(2-Chloroethyl)ether

Concen: 40.086 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

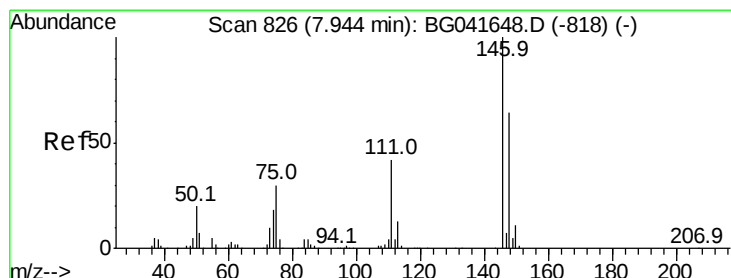
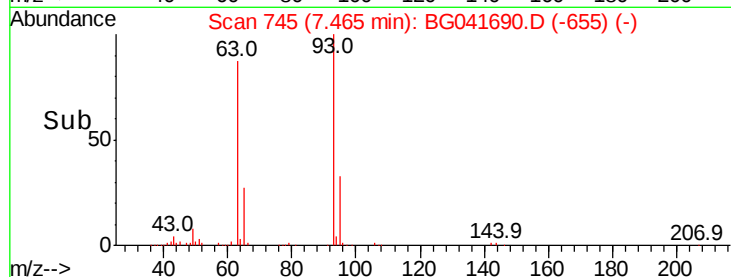
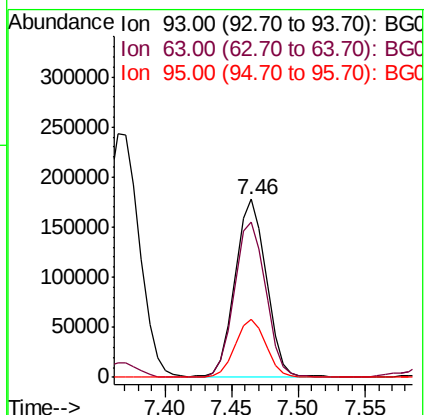
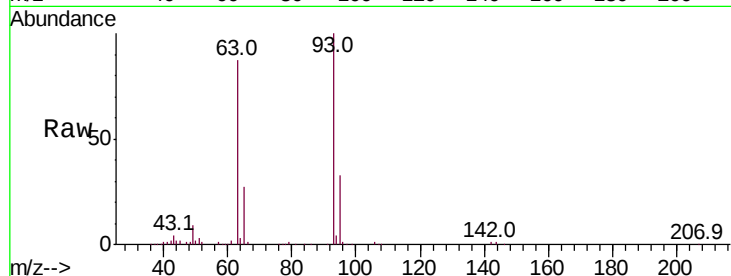
Tot Ion: 93 Resp: 287793

Ion Ratio Lower Upper

93 100

63 87.1 70.4 110.4

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.620 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

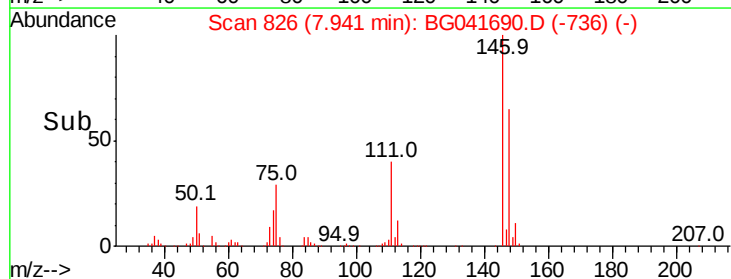
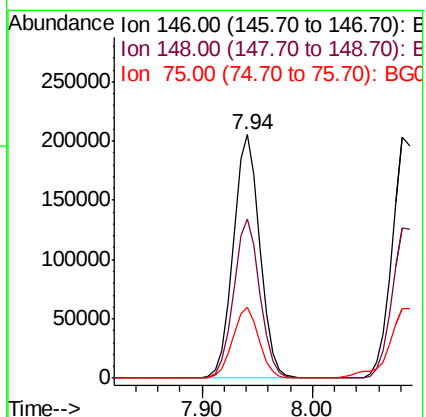
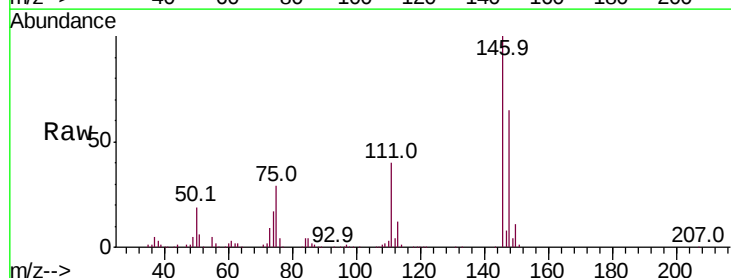
Tgt Ion: 146 Resp: 344201

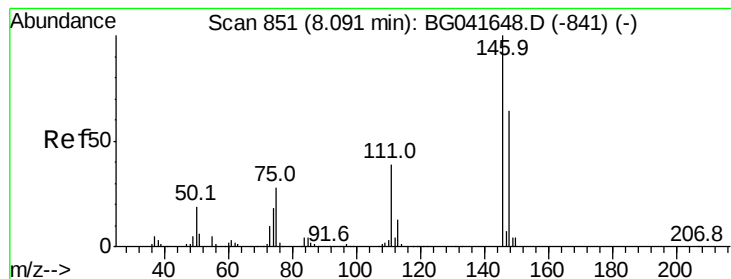
Ion Ratio Lower Upper

146 100

148 65.2 51.5 77.3

75 28.9 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 40.602 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampled :

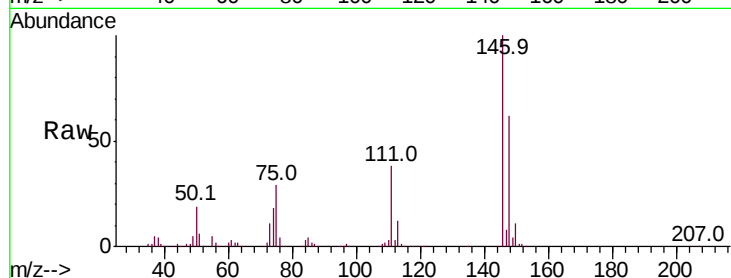
Tot Ion:146 Resp: 344548

Ion Ratio Lower Upper

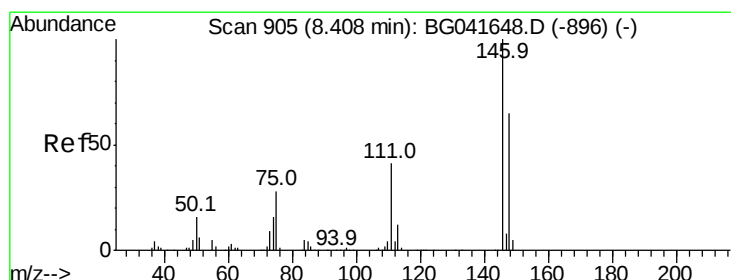
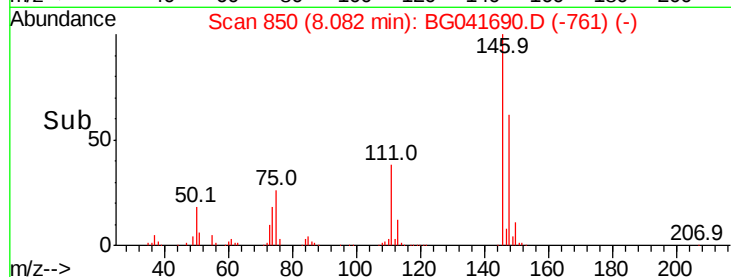
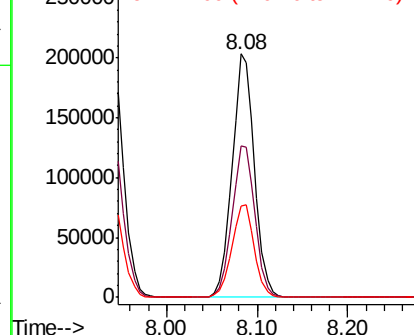
146 100

148 62.5 52.6 79.0

111 37.6 32.5 48.7



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



#14

1,2-Dichlorobenzene

Concen: 40.706 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

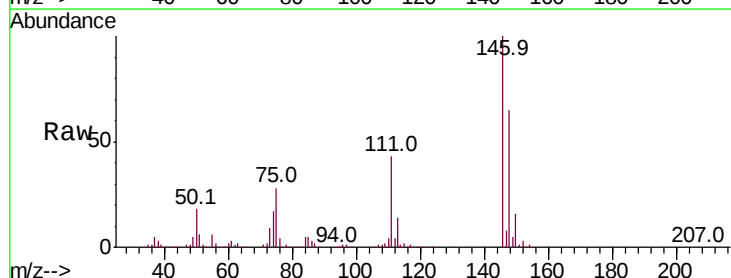
Tgt Ion:146 Resp: 325680

Ion Ratio Lower Upper

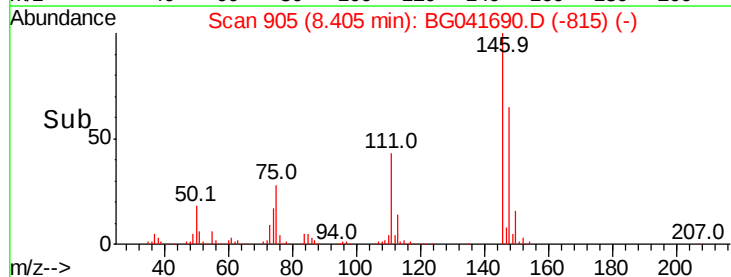
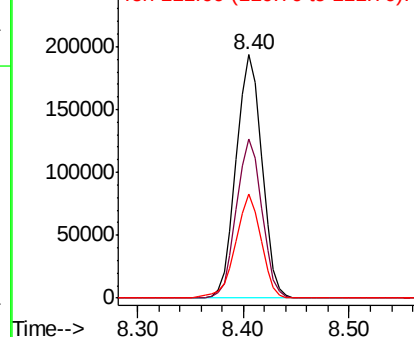
146 100

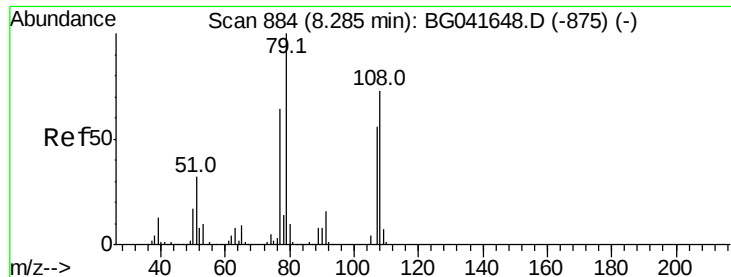
148 65.3 53.5 80.3

111 42.8 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: 39.544 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

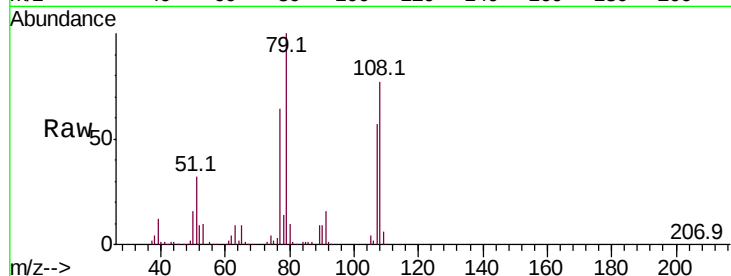
Tot Ion: 79 Resp: 265628

Ion Ratio Lower Upper

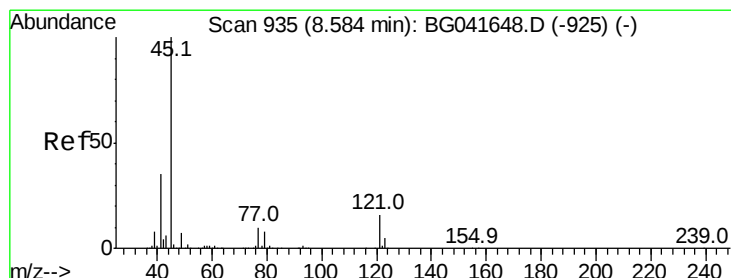
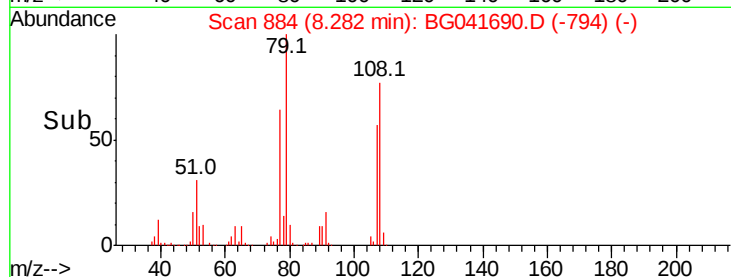
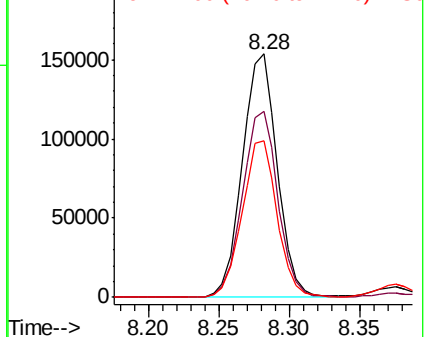
79 100

108 76.5 60.5 90.7

77 64.2 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: 39.046 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

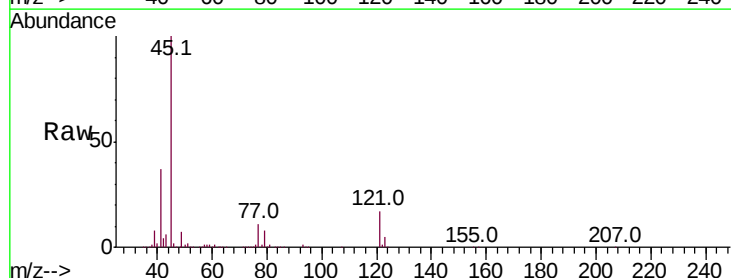
Tgt Ion: 45 Resp: 580878

Ion Ratio Lower Upper

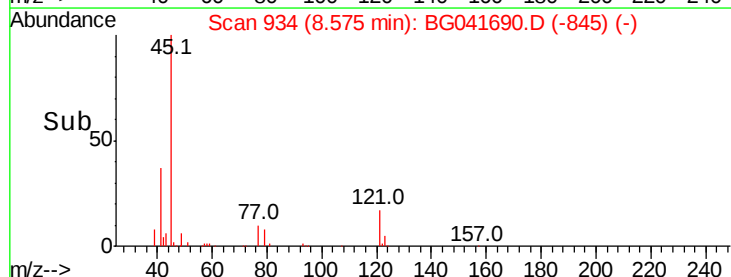
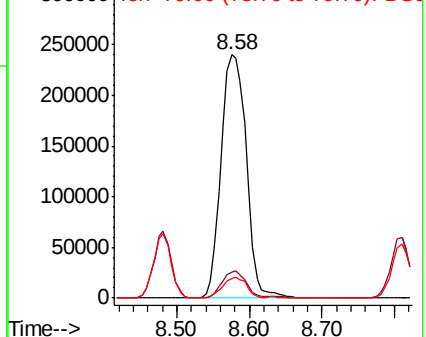
45 100

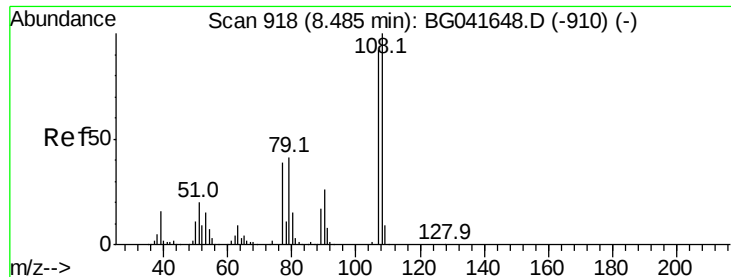
77 10.8 0.0 30.4

79 8.2 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: 40.380 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 248241

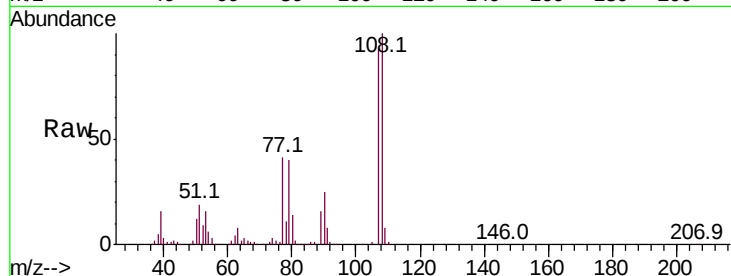
Ion Ratio Lower Upper

107 100

108 107.7 87.6 131.4

77 44.4 36.1 54.1

79 42.6 36.4 54.6

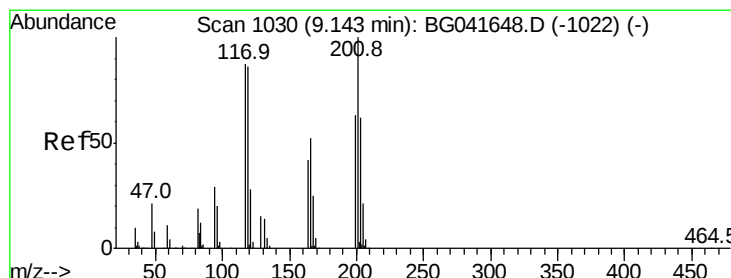
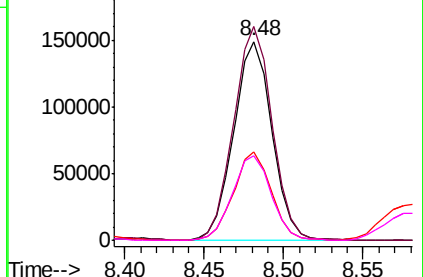
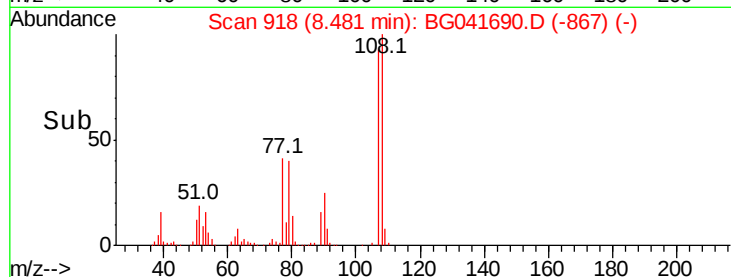


Abundance Ion 107.00 (106.70 to 107.70): E

250000 Ion 108.00 (107.70 to 108.70): E

200000 Ion 77.00 (76.70 to 77.70): BG

150000 Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.141 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

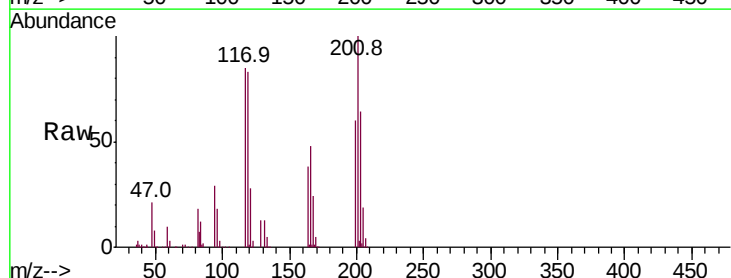
Tgt Ion:117 Resp: 124765

Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.2

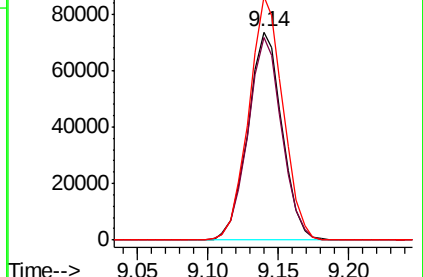
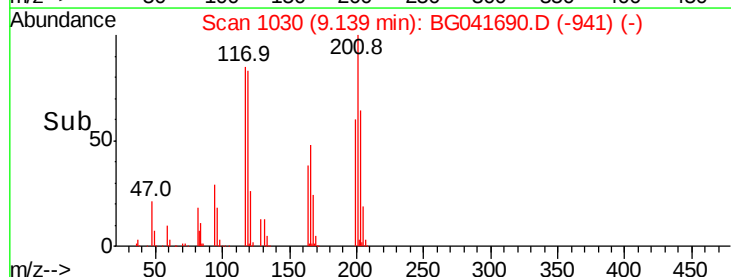
201 117.0 94.1 141.1

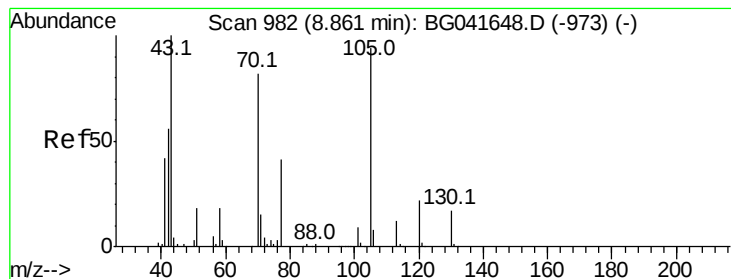


Abundance Ion 117.00 (116.70 to 117.70): E

120000 Ion 119.00 (118.70 to 119.70): E

100000 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.363 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 242751

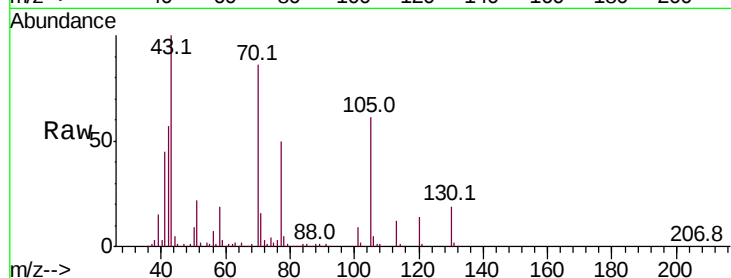
Ion Ratio Lower Upper

70 100

42 66.0 55.8 83.6

101 10.3 8.1 12.1

130 22.0 17.3 25.9



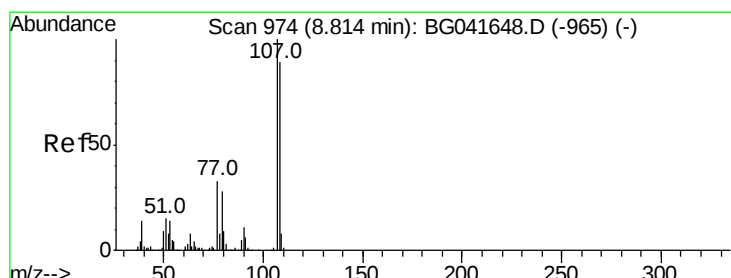
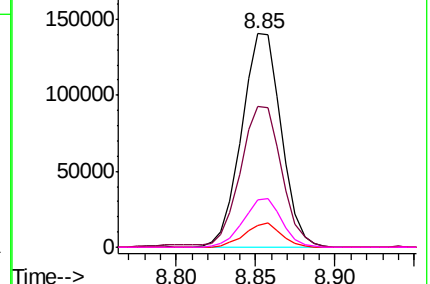
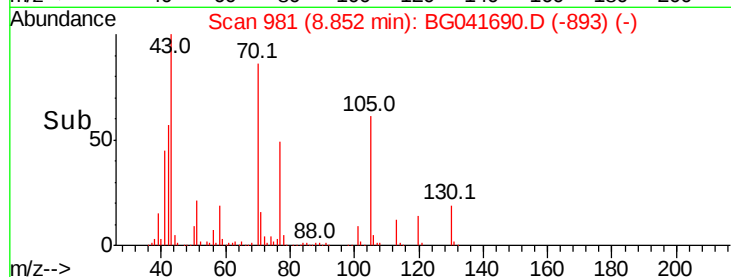
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 40.834 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Tgt Ion: 107 Resp: 344008

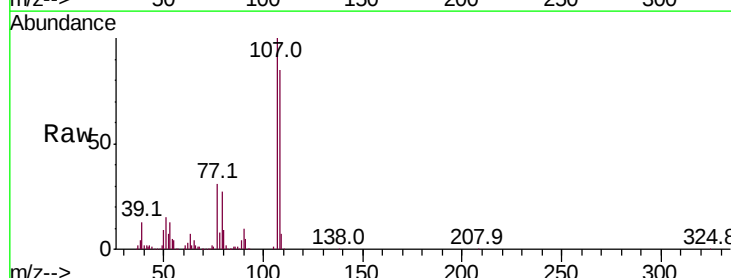
Ion Ratio Lower Upper

107 100

108 85.4 67.5 107.5

77 31.5 12.3 52.3

79 27.1 8.3 48.3



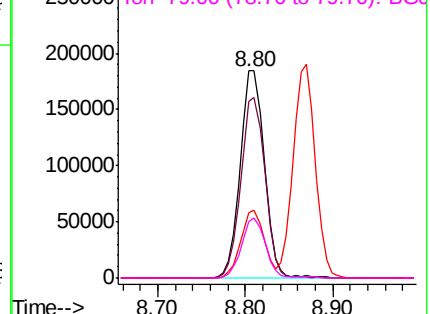
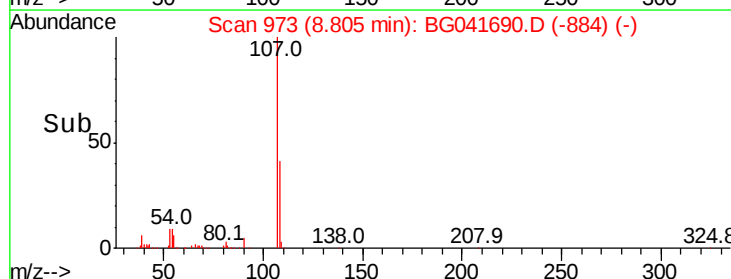
Abundance

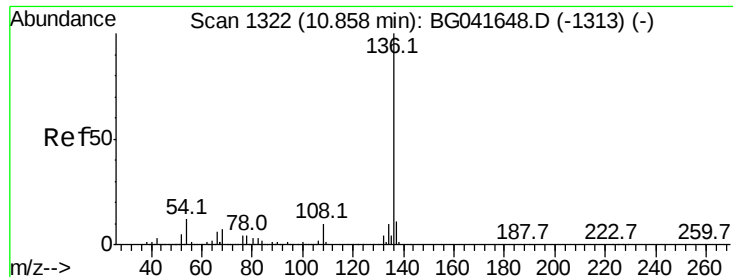
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 436416

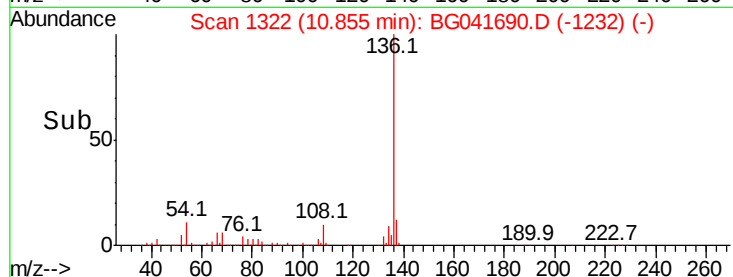
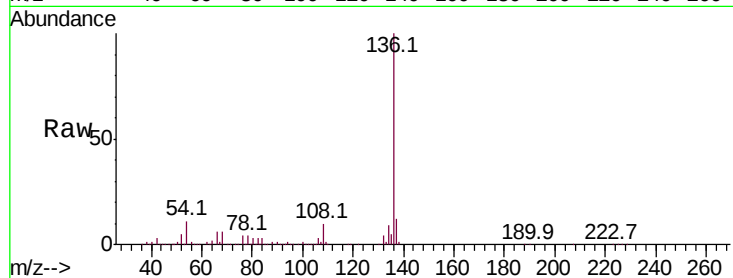
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 10.9 8.7 13.1

68 6.5 5.5 8.3

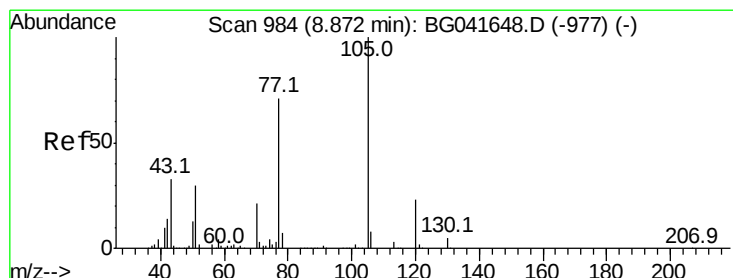
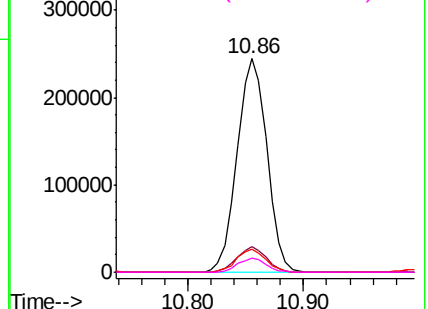


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.630 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Tgt Ion:105 Resp: 431861

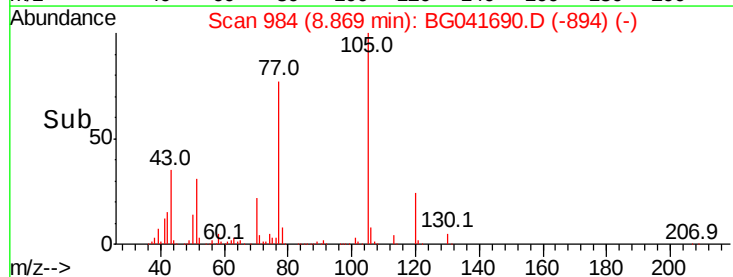
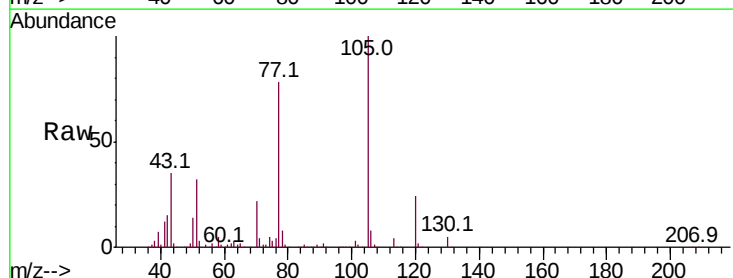
Ion Ratio Lower Upper

105 100

71 3.6 5.9 8.9#

51 31.7 27.7 41.5

120 23.8 19.3 28.9

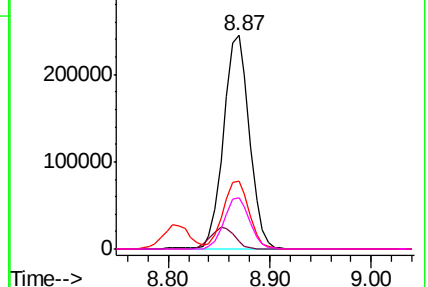


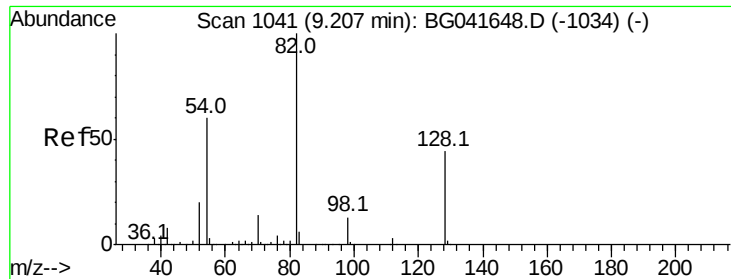
Abundance Ion 105.00 (104.70 to 105.70): E

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

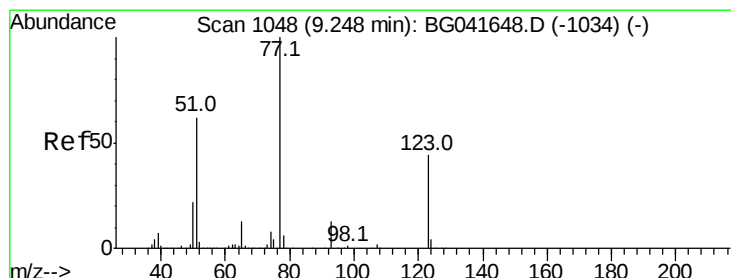
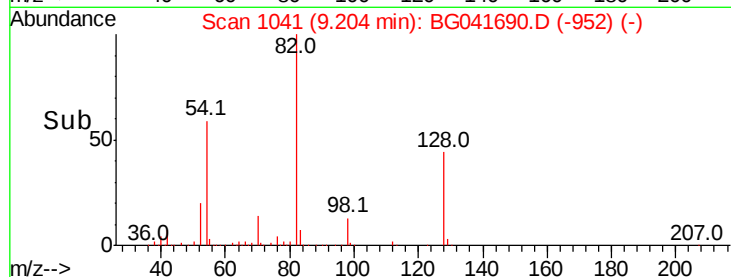
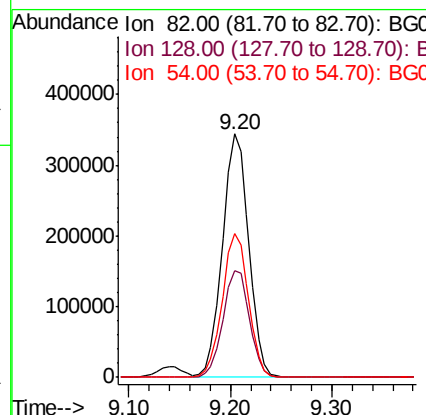
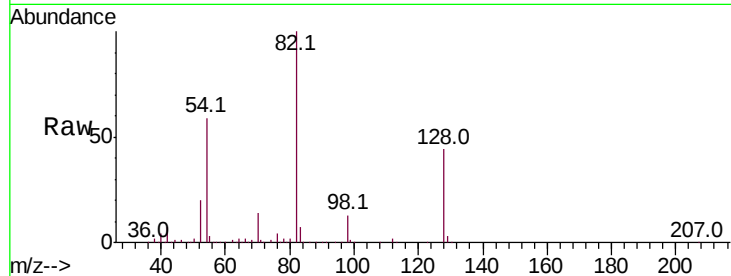




#23
Nitrobenzene-d5
Concen: 85.884 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

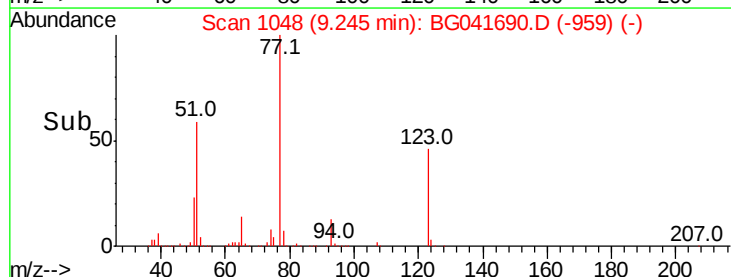
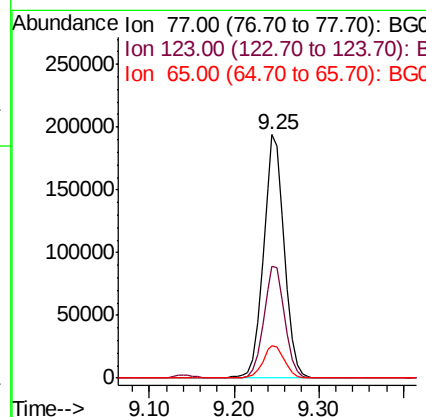
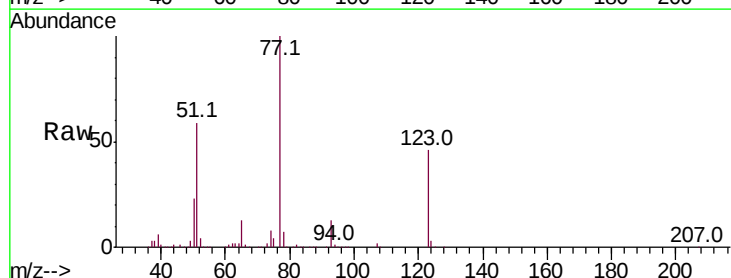
Instrument :
BNA_G
ClientSampled :

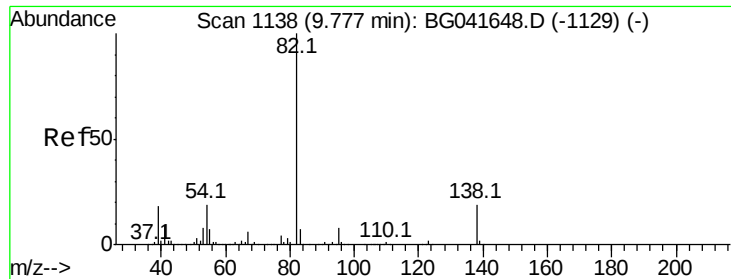
Tot Ion: 82 Resp: 616312
Ion Ratio Lower Upper
82 100
128 44.1 35.1 52.7
54 59.2 48.7 73.1



#24
Nitrobenzene
Concen: 42.459 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion: 77 Resp: 332380
Ion Ratio Lower Upper
77 100
123 45.7 38.1 57.1
65 13.5 11.0 16.6

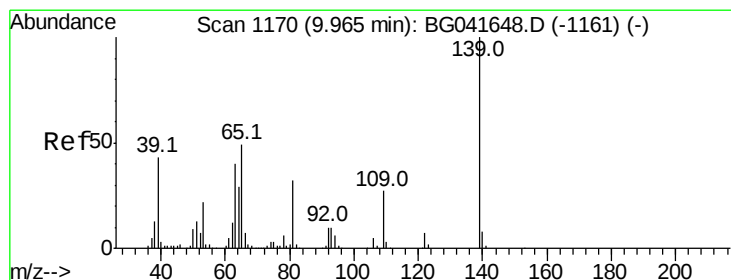
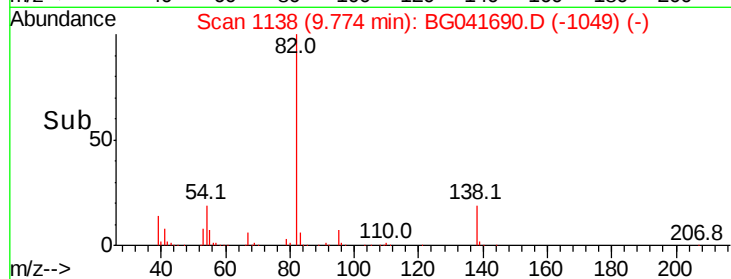
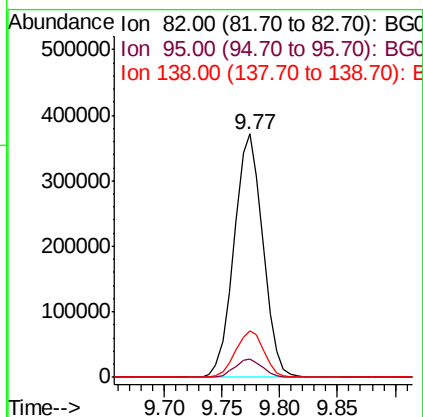
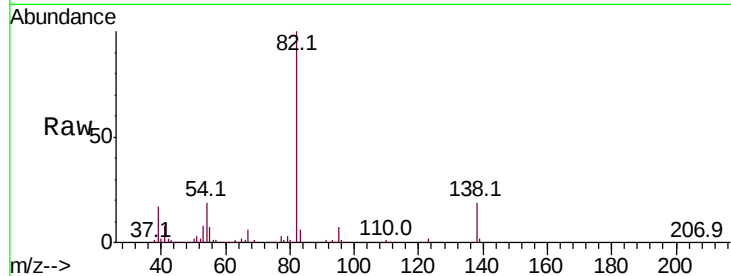




#25
Isophorone
Concen: 40.865 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

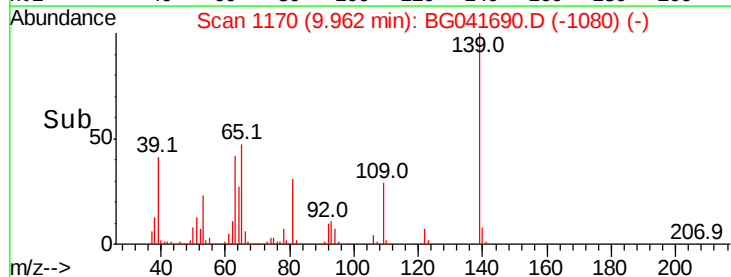
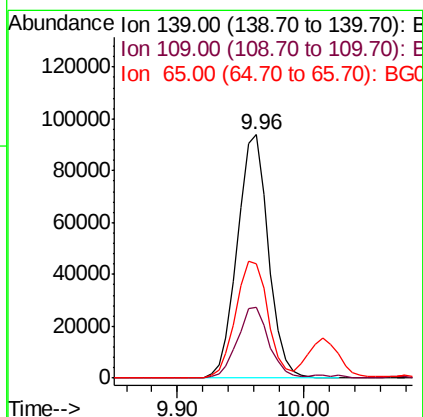
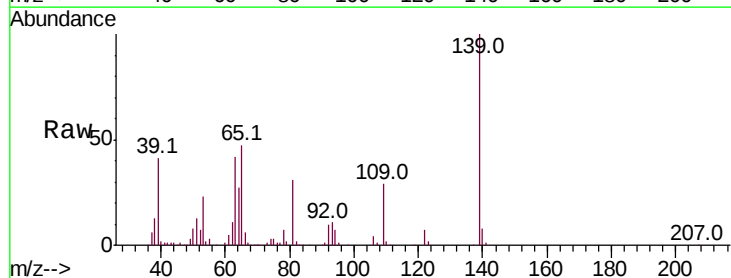
Instrument :
BNA_G
ClientSampled :

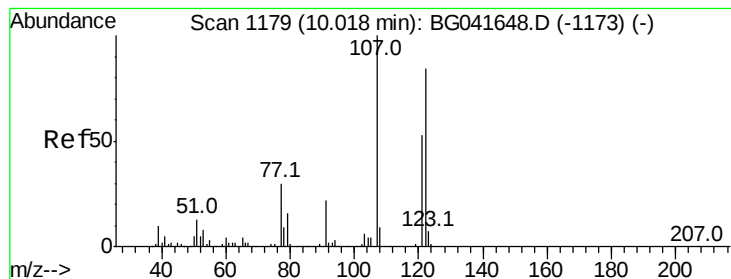
Tot Ion: 82 Resp: 642140
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 19.0 16.3 24.5



#26
2-Nitrophenol
Concen: 44.674 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion:139 Resp: 159150
Ion Ratio Lower Upper
139 100
109 29.2 22.7 34.1
65 46.8 41.1 61.7

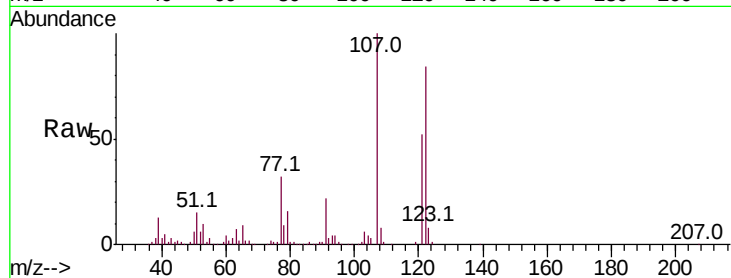




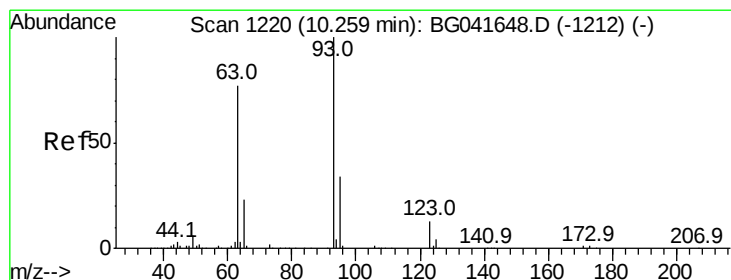
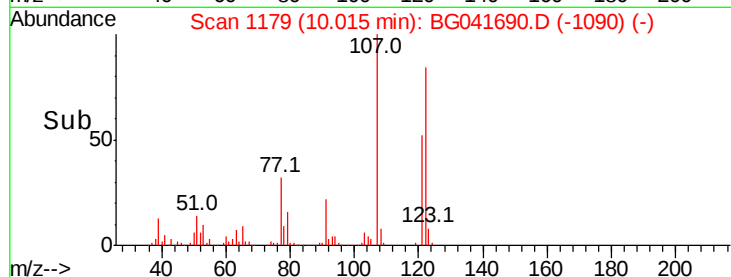
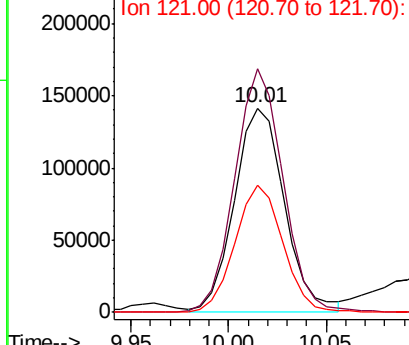
#27
 2,4-Dimethylphenol
 Concen: 40.637 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 252653
 Ion Ratio Lower Upper
 122 100
 107 119.3 91.3 136.9
 121 62.3 49.2 73.8

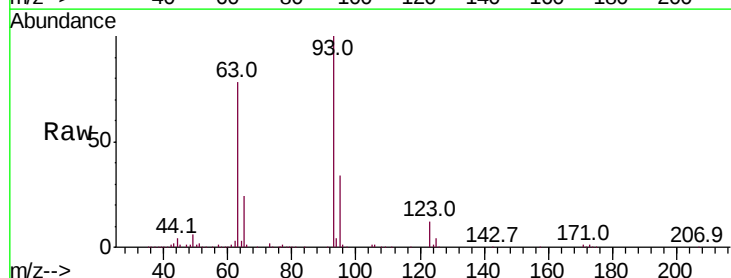


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

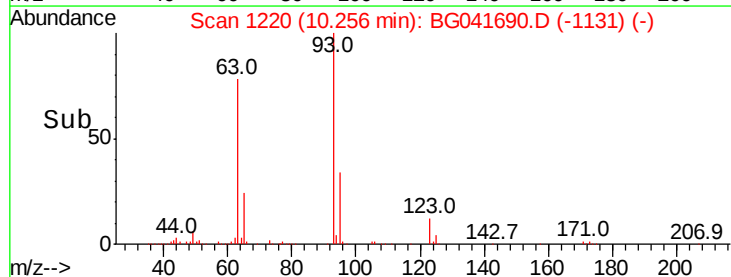
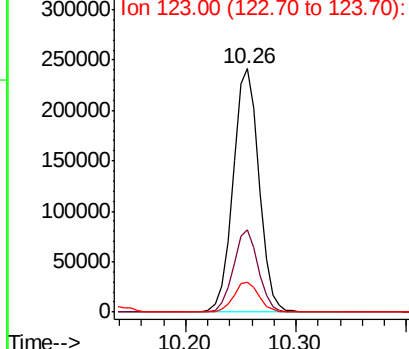


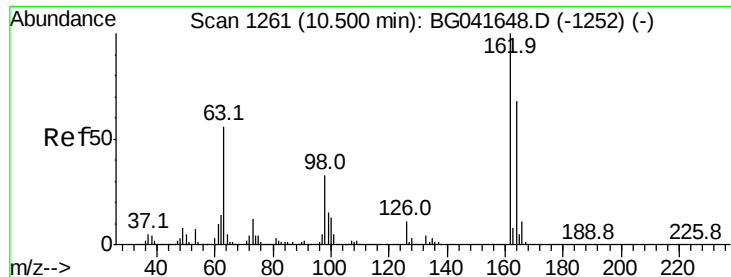
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.953 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Tgt Ion: 93 Resp: 396622
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.2 39.4
 123 12.2 9.9 14.9



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

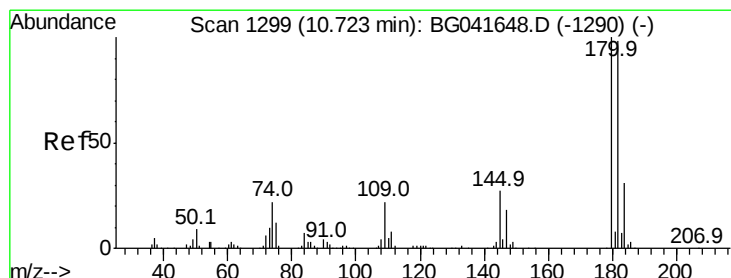
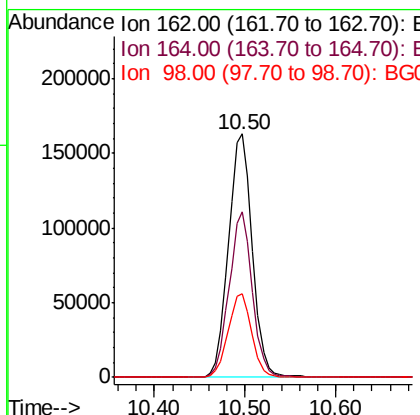
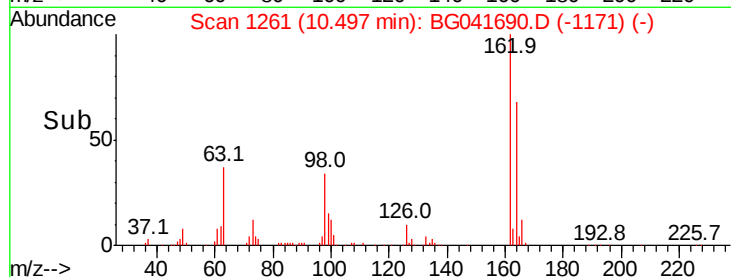
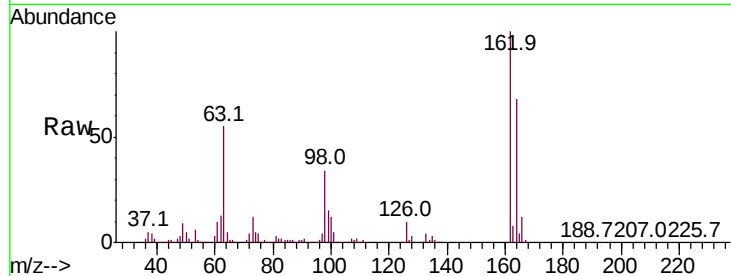




#29
 2,4-Dichlorophenol
 Concen: 42.066 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

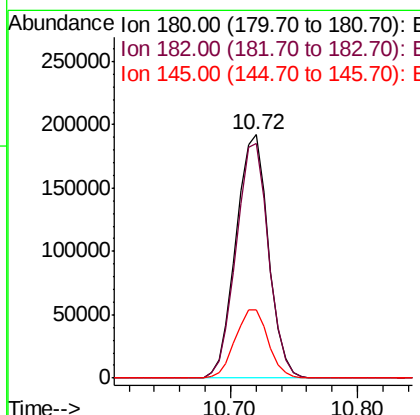
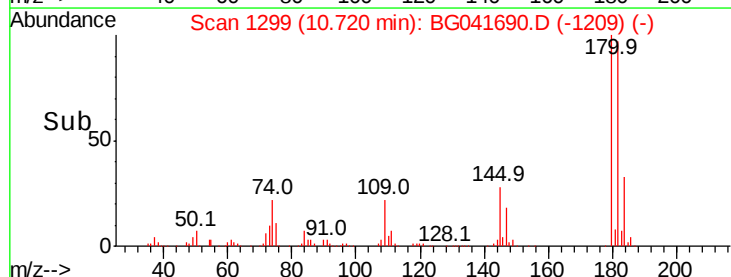
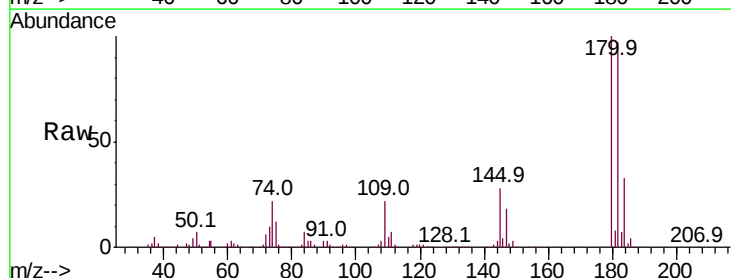
Instrument :
 BNA_G
 ClientSampleId :

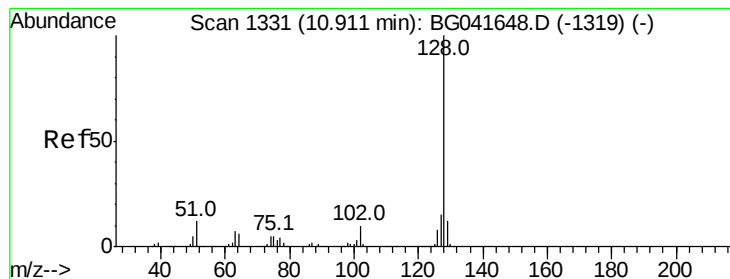
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.1	46.1	86.1
98	34.1	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 41.040 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.2	114.2
145	28.1	23.8	35.8

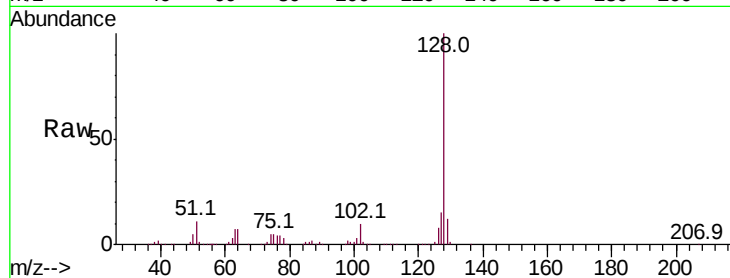




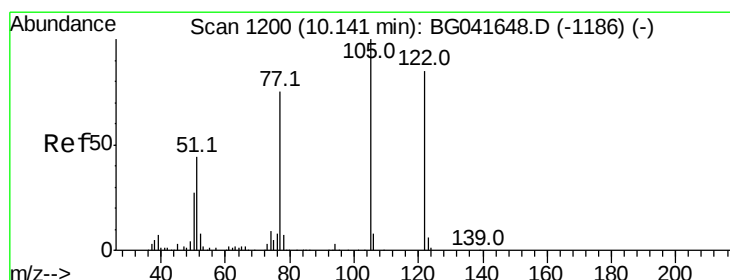
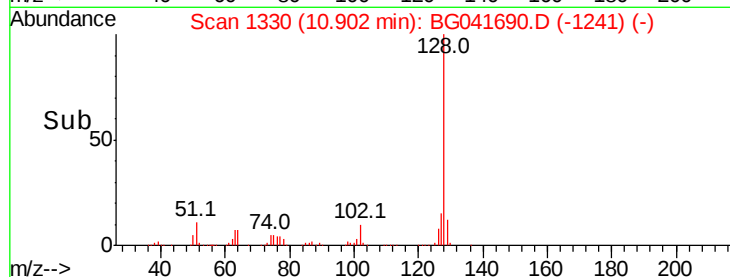
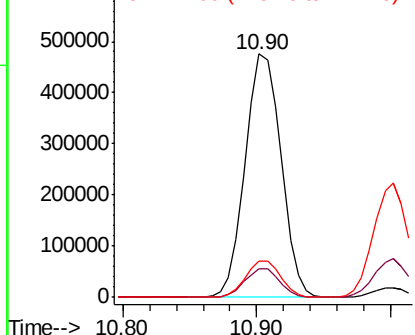
#31
Naphthalene
Concen: 41.217 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 885574
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 14.8 12.3 18.5

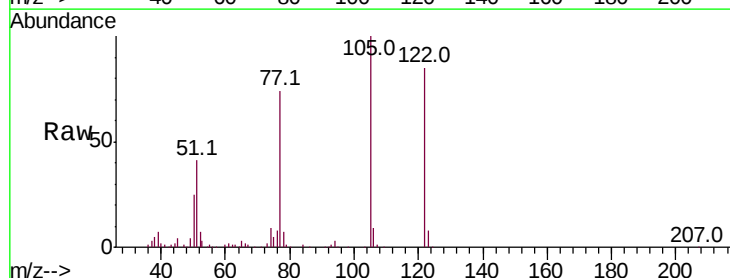


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

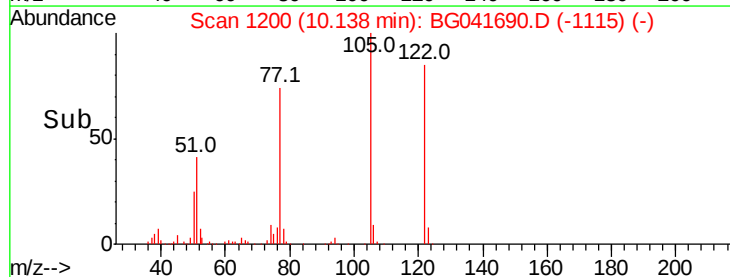
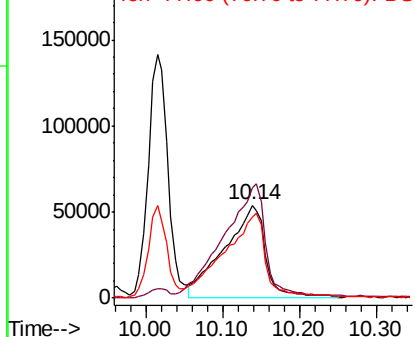


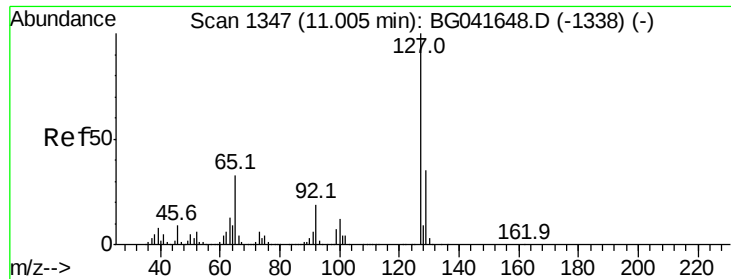
#32
Benzoic acid
Concen: 43.704 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion:122 Resp: 203377
Ion Ratio Lower Upper
122 100
105 118.3 101.5 141.5
77 87.6 73.0 113.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

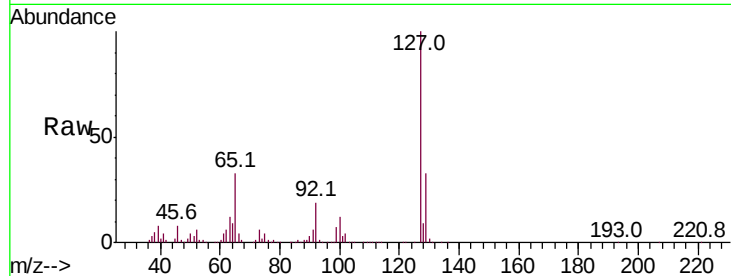




#33
4-Chloroaniline
Concen: 40.273 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.8
65	32.8	26.7	40.1
92	18.9	15.4	23.0



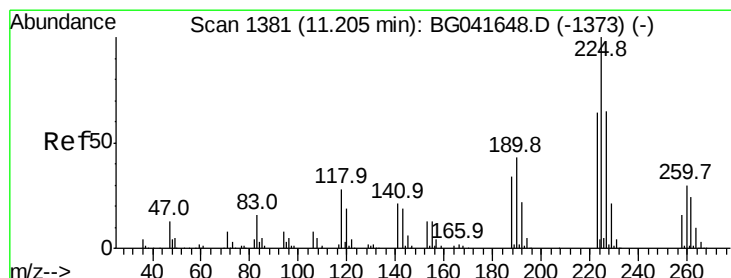
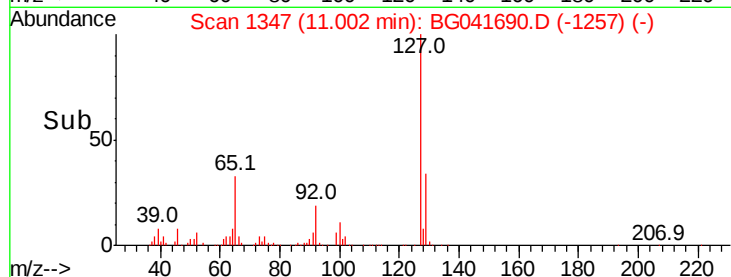
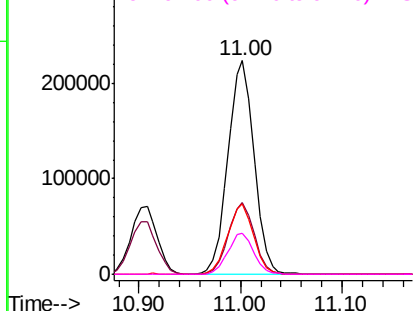
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

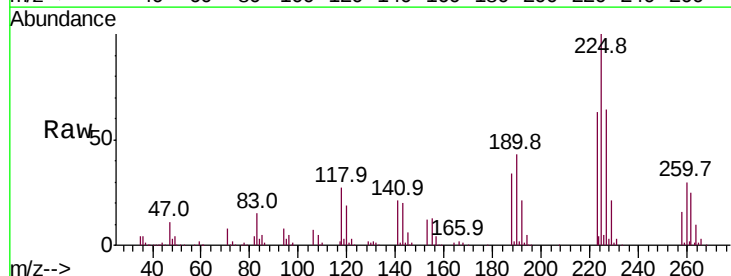
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.641 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	64.1	50.9	76.3

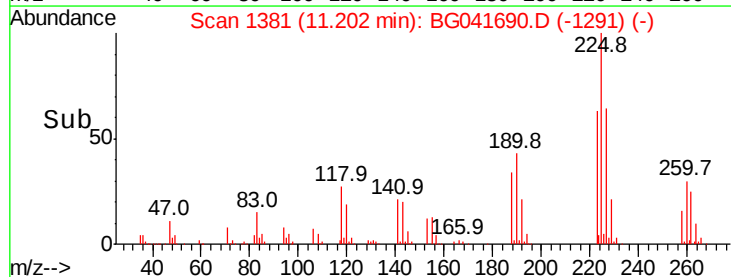
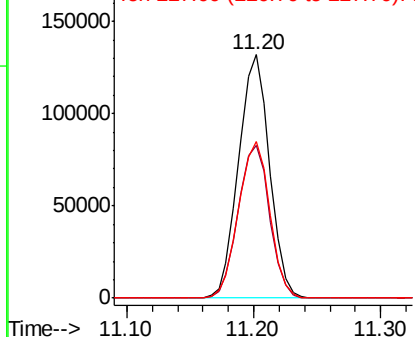


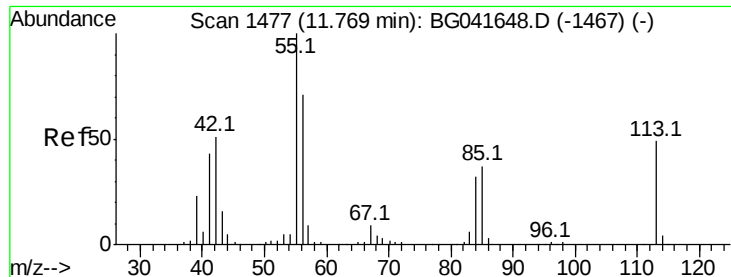
Abundance

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

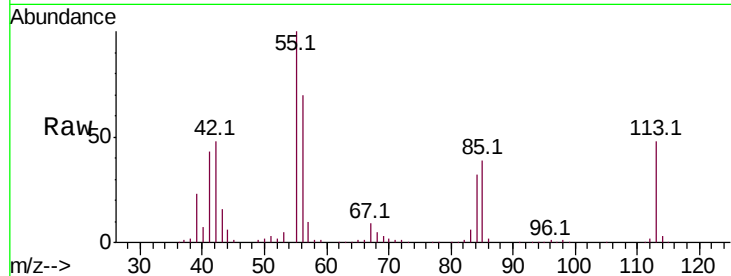




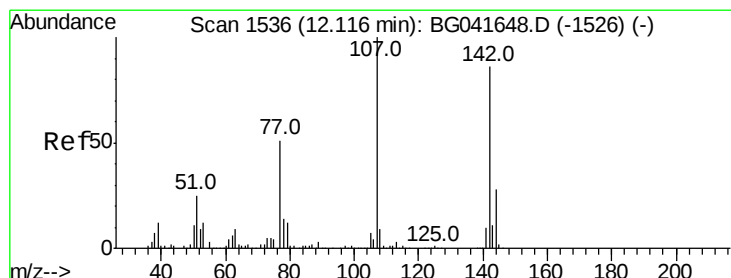
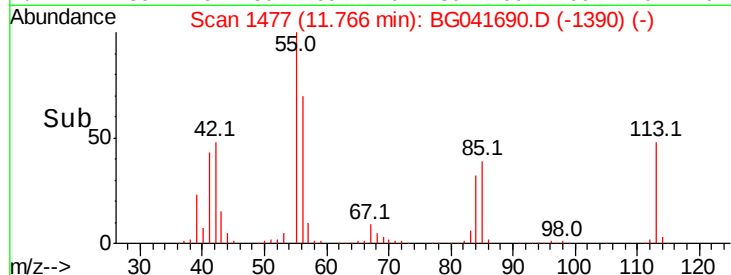
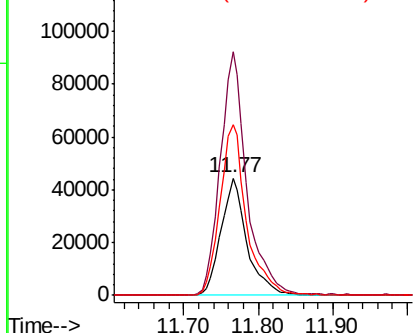
#35
 Caprolactam
 Concen: 41.281 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 107558
 Ion Ratio Lower Upper
 113 100
 55 208.0 199.4 239.4
 56 145.5 133.6 173.6

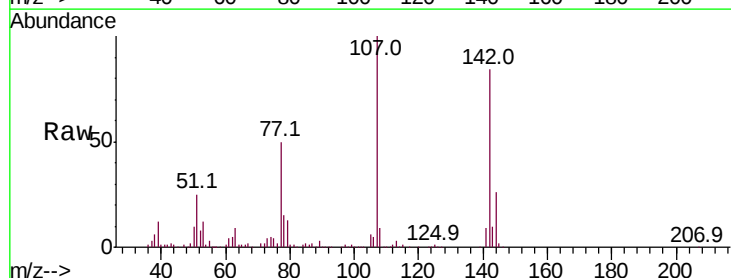


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

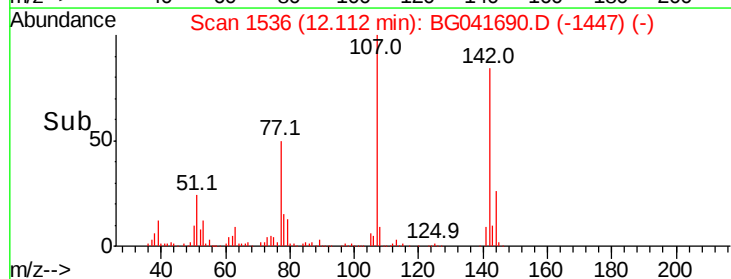
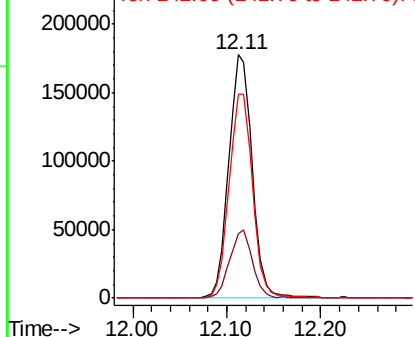


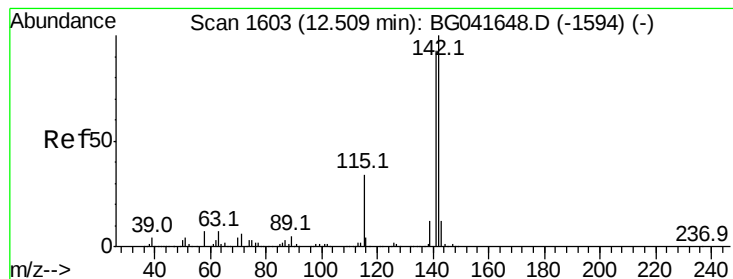
#36
 4-Chloro-3-methylphenol
 Concen: 41.393 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Tgt Ion:107 Resp: 307385
 Ion Ratio Lower Upper
 107 100
 144 26.2 22.2 33.2
 142 84.0 67.3 100.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.236 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

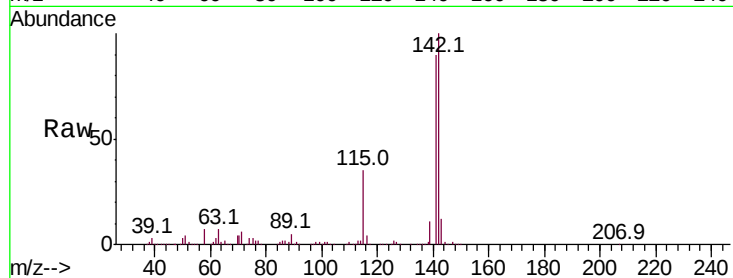
Tot Ion:142 Resp: 676884

Ion Ratio Lower Upper

142 100

141 90.0 72.7 109.1

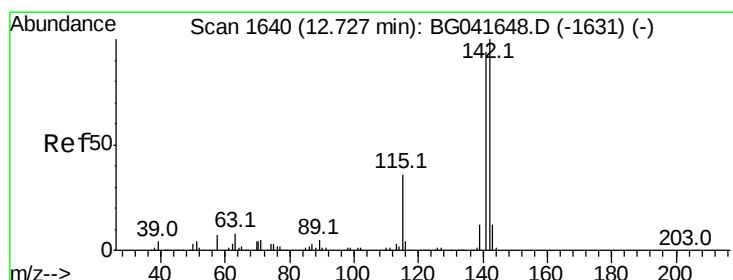
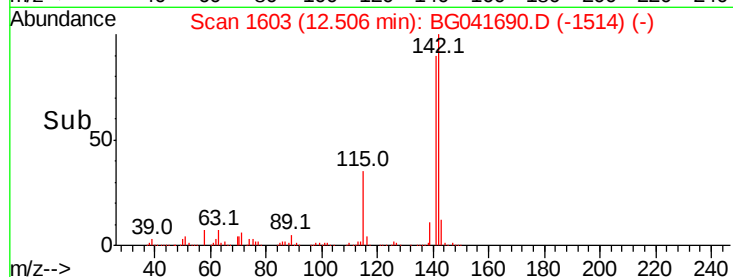
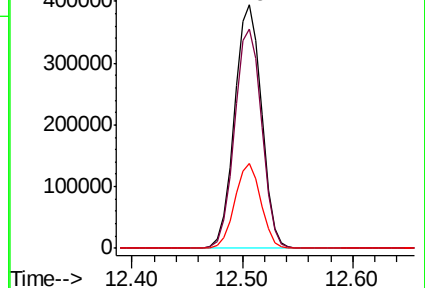
115 35.0 27.0 40.4



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: 41.410 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

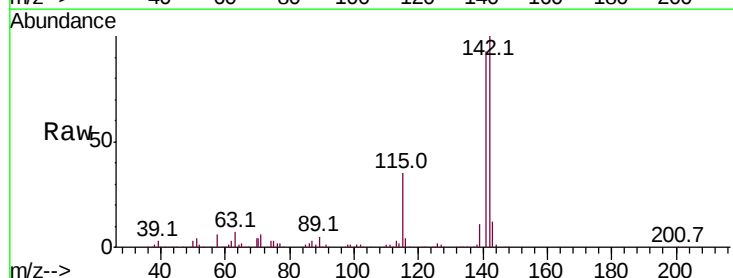
Tgt Ion:142 Resp: 648048

Ion Ratio Lower Upper

142 100

141 93.3 75.4 113.2

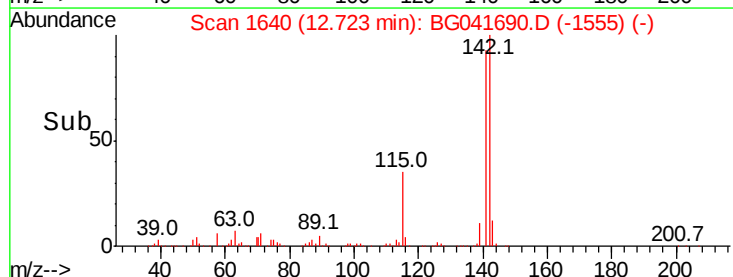
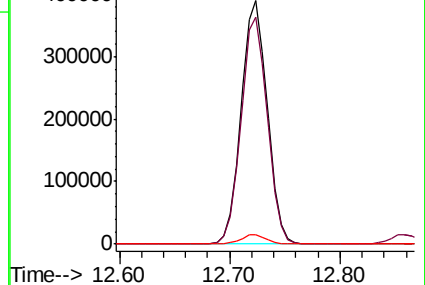
116 3.8 3.2 4.8

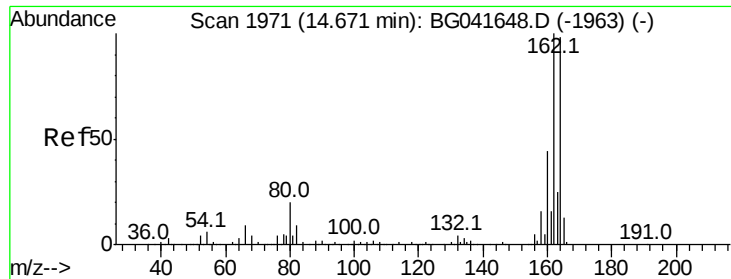


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

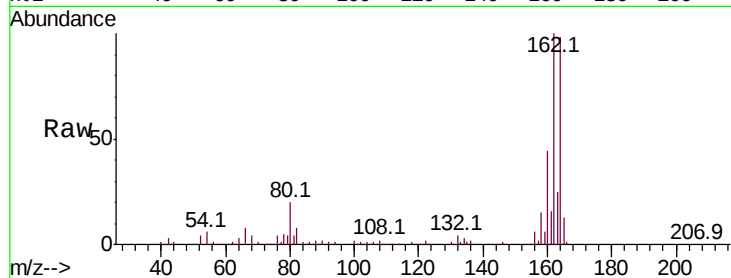
Tot Ion:164 Resp: 268598

Ion Ratio Lower Upper

164 100

162 101.5 79.6 119.4

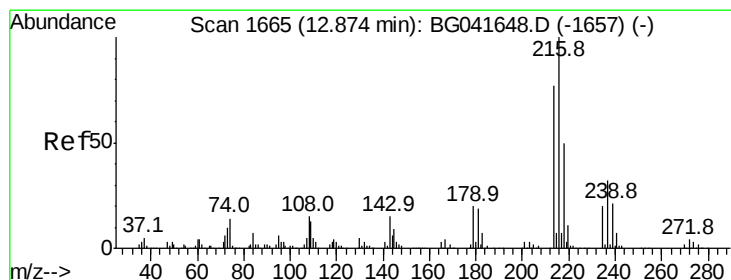
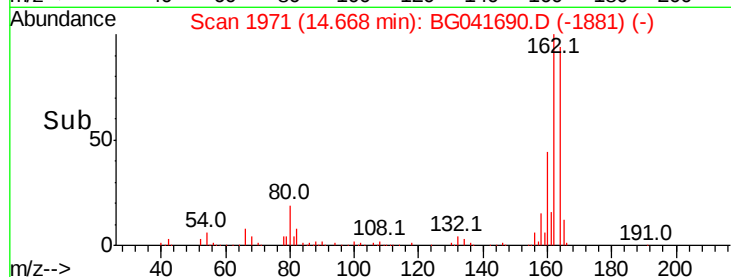
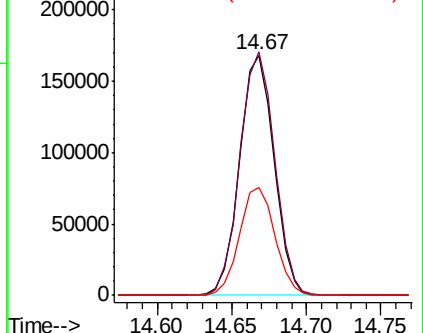
160 44.8 35.4 53.0



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: 41.547 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Tgt Ion:216 Resp: 382254

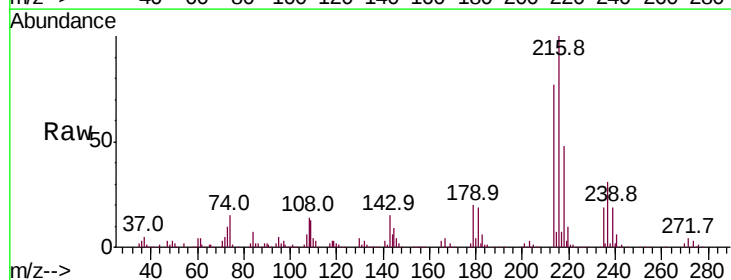
Ion Ratio Lower Upper

216 100

214 76.7 61.5 92.3

179 19.6 16.2 24.2

108 15.3 13.2 19.8

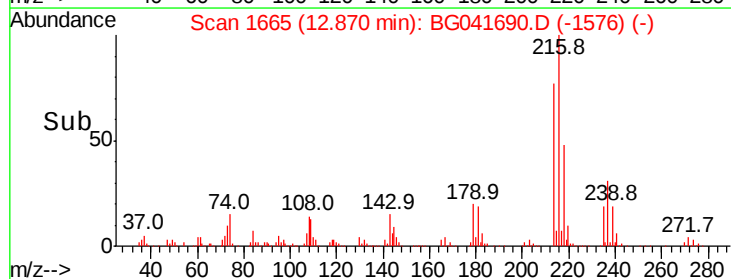
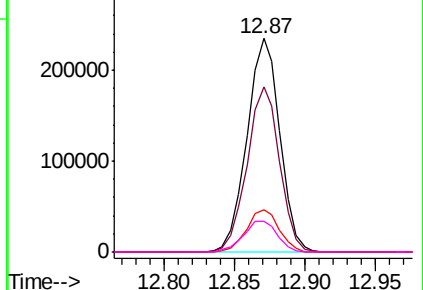


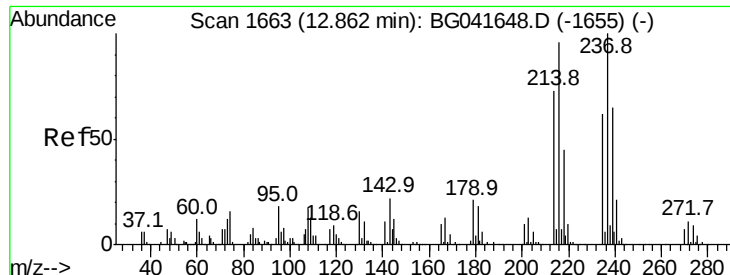
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.009 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampled :

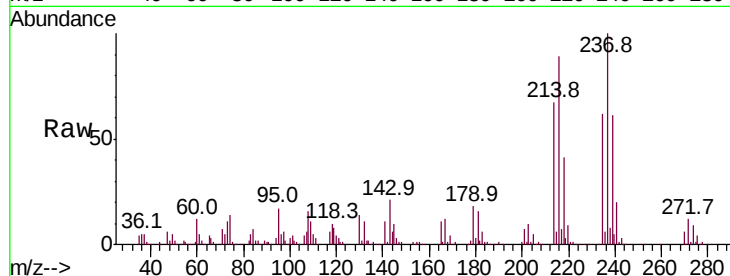
Tot Ion:237 Resp: 218635

Ion Ratio Lower Upper

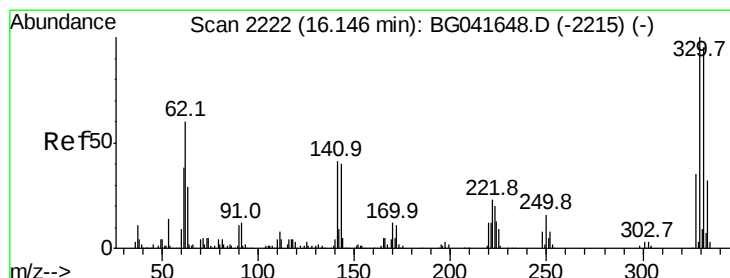
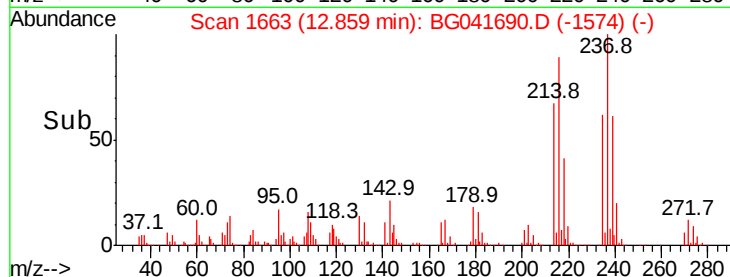
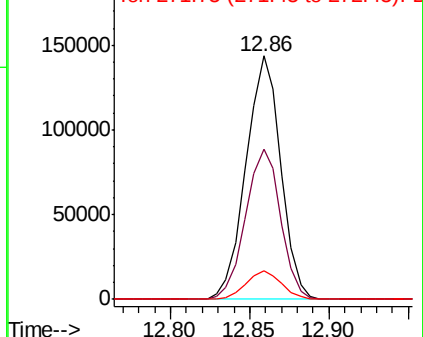
237 100

235 61.6 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: 87.717 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

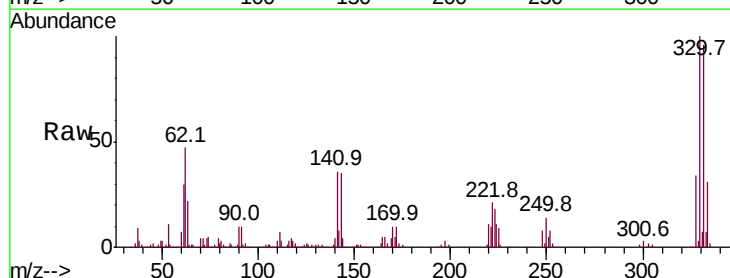
Tgt Ion:330 Resp: 265524

Ion Ratio Lower Upper

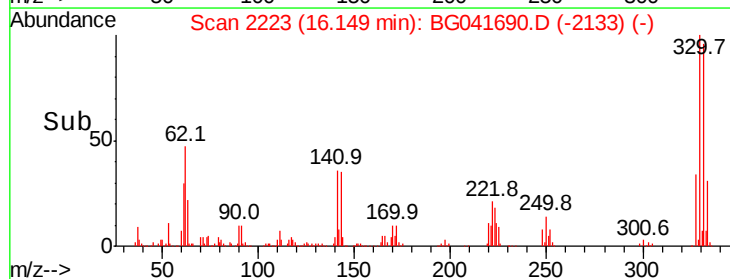
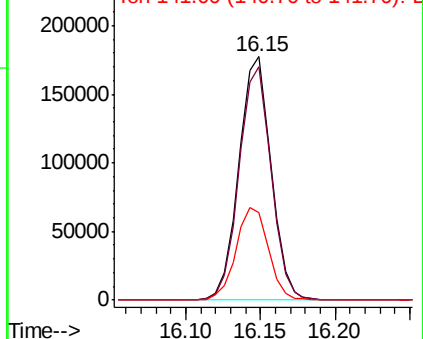
330 100

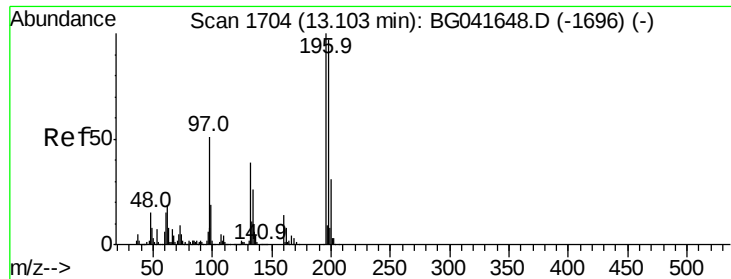
332 95.5 77.4 116.0

141 38.6 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

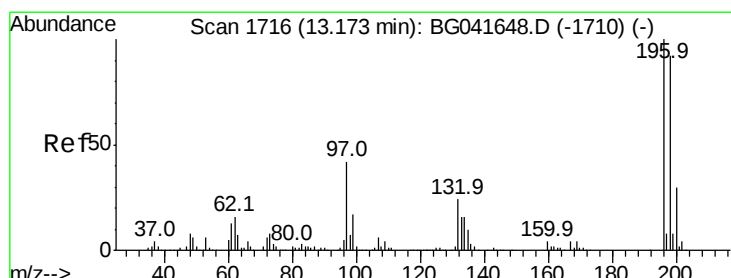
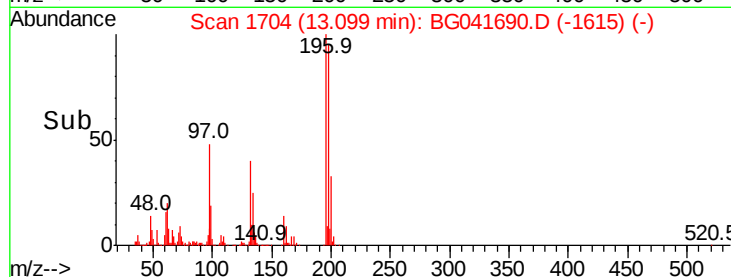
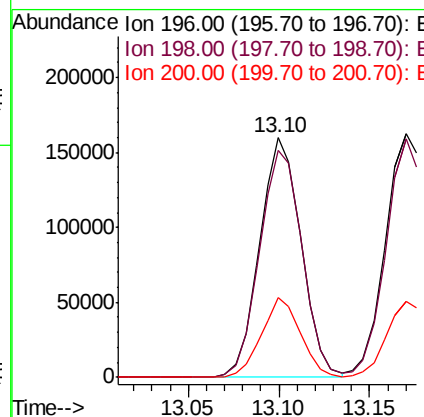
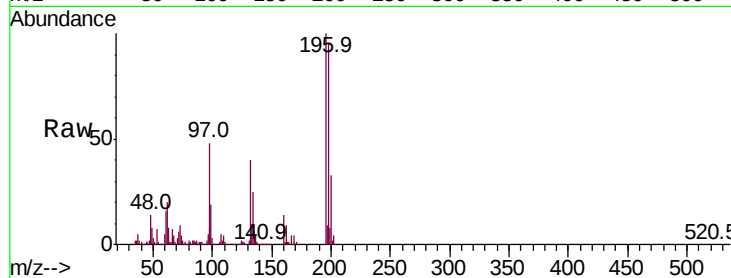




#43
2,4,6-Trichlorophenol
Concen: 42.350 ng
RT: 13.10 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

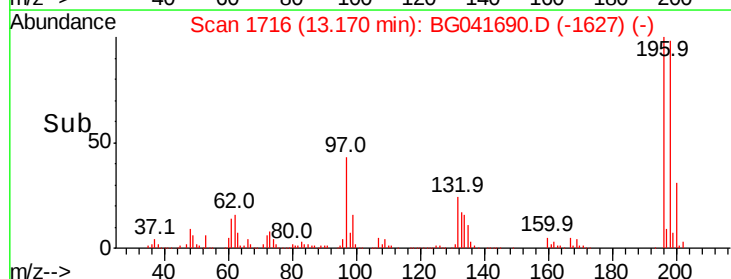
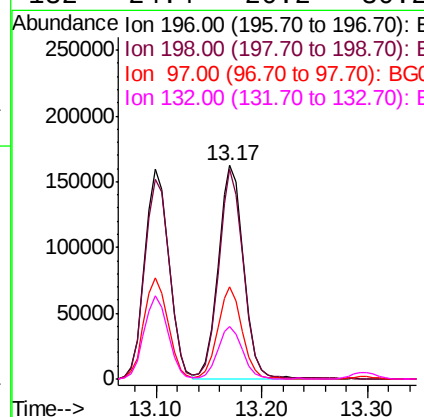
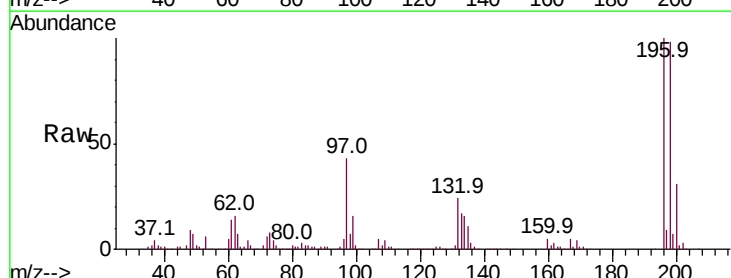
Instrument :
BNA_G
ClientSampleId :

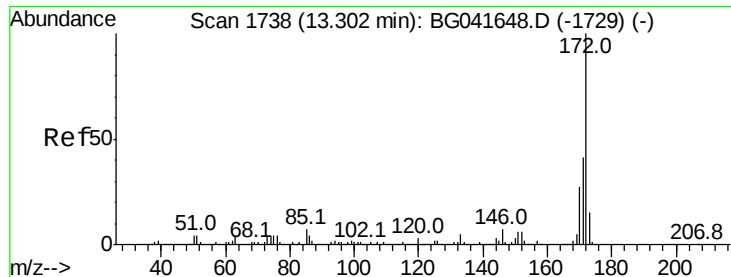
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	79.6	119.4
200	33.2	25.2	37.8



#44
2,4,5-Trichlorophenol
Concen: 43.033 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	80.6	121.0
97	43.2	33.9	50.9
132	24.4	20.2	30.2

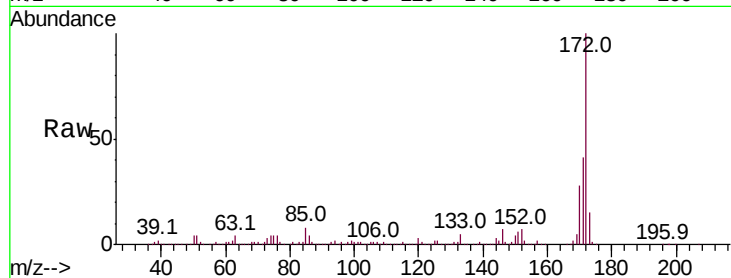




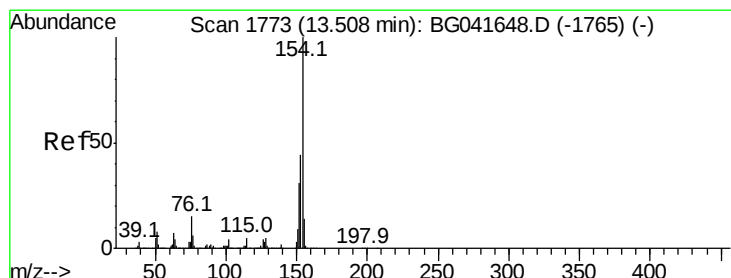
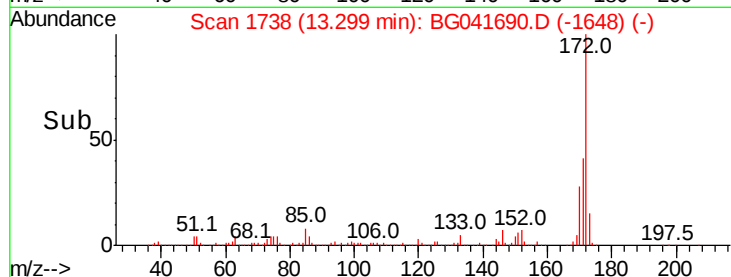
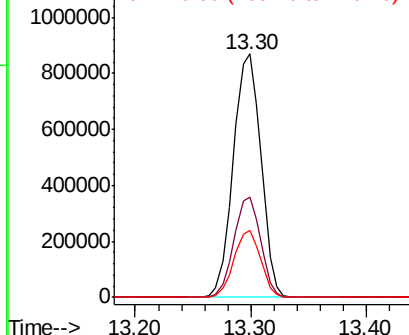
#45
2-Fluorobiphenyl
Concen: 83.132 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1441976
Ion Ratio Lower Upper
172 100
171 41.1 35.0 52.4
170 27.5 23.5 35.3

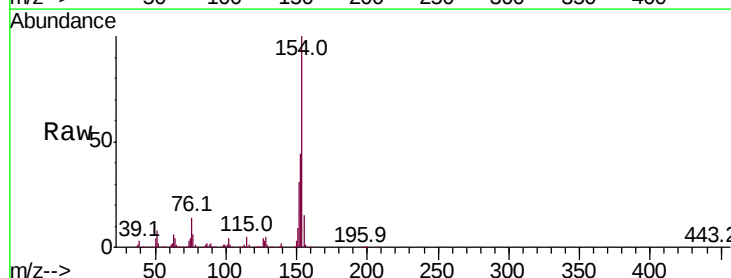


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

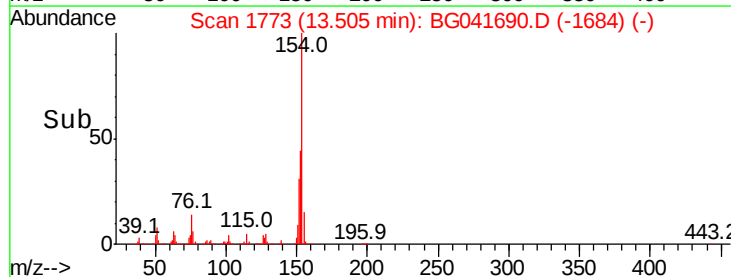
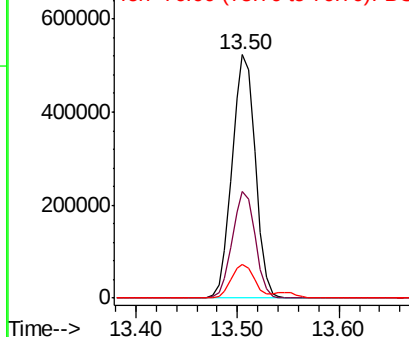


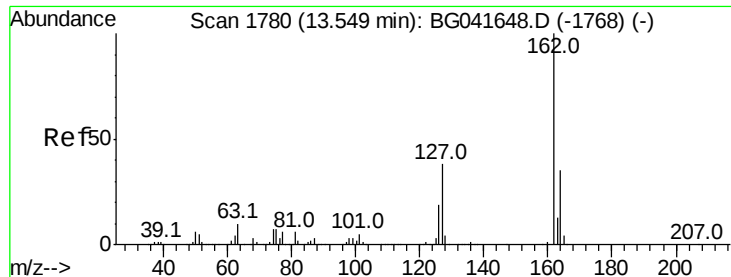
#46
1,1'-Biphenyl
Concen: 41.204 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion:154 Resp: 829150
Ion Ratio Lower Upper
154 100
153 44.1 25.0 65.0
76 13.8 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

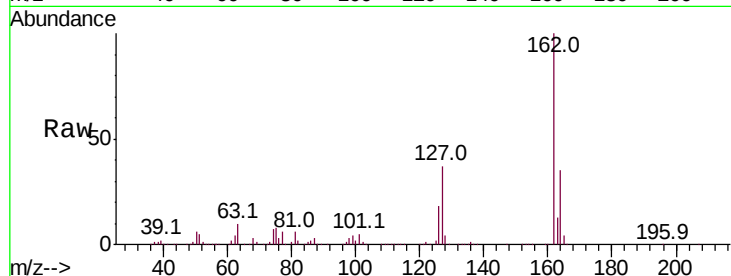




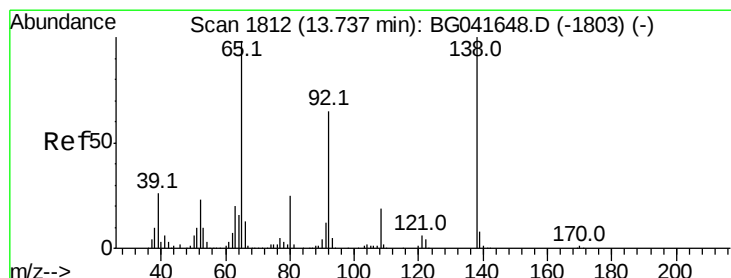
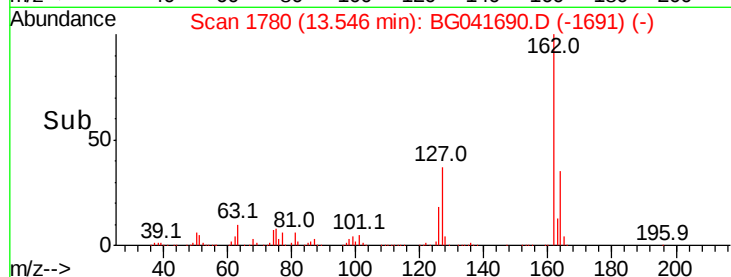
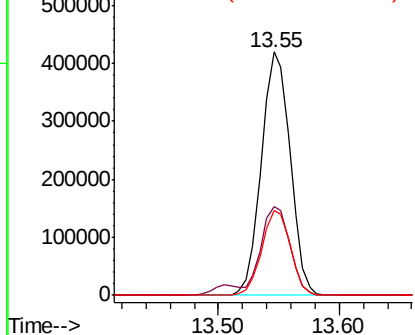
#47
2-Chloronaphthalene
Concen: 41.289 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 692455
Ion Ratio Lower Upper
162 100
127 36.5 30.4 45.6
164 34.9 28.6 42.8

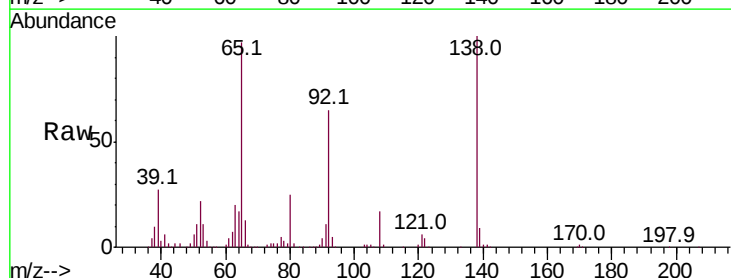


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

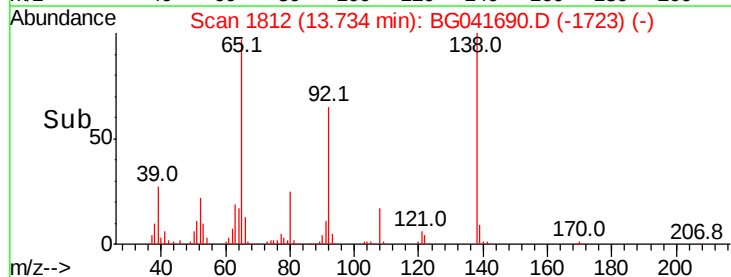
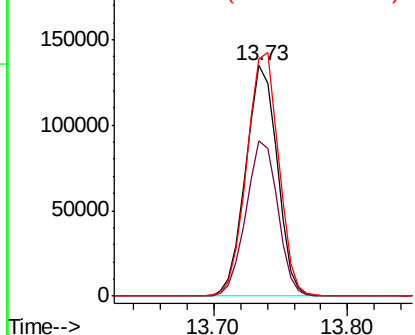


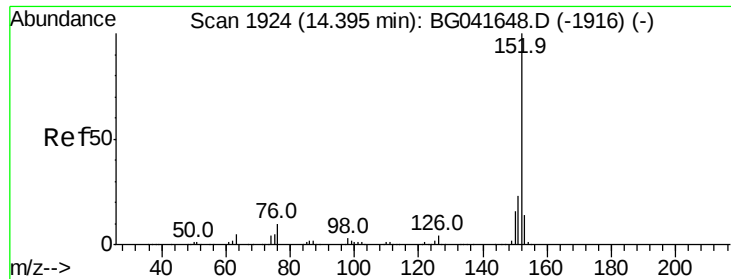
#48
2-Nitroaniline
Concen: 44.881 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion: 65 Resp: 219149
Ion Ratio Lower Upper
65 100
92 67.5 53.9 80.9
138 103.2 83.5 125.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.450 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

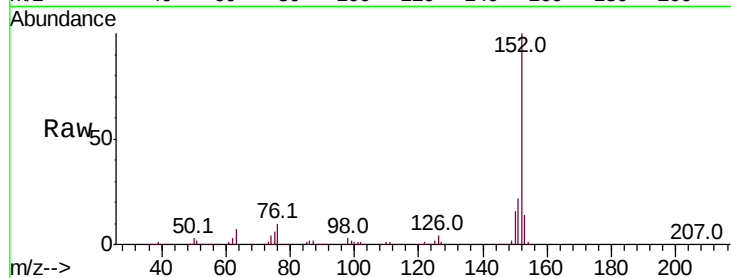
Tot Ion:152 Resp: 1085191

Ion Ratio Lower Upper

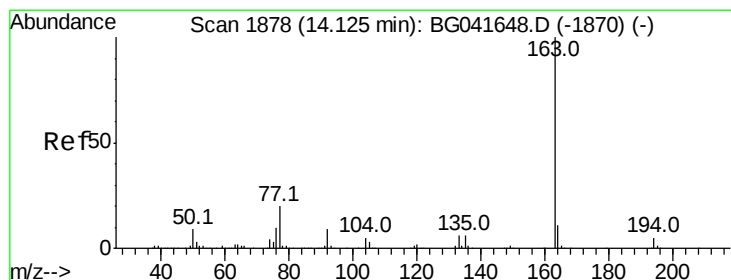
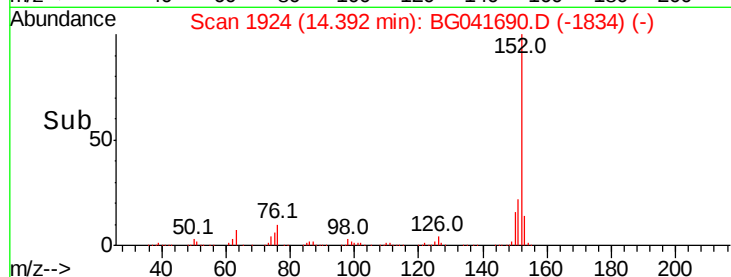
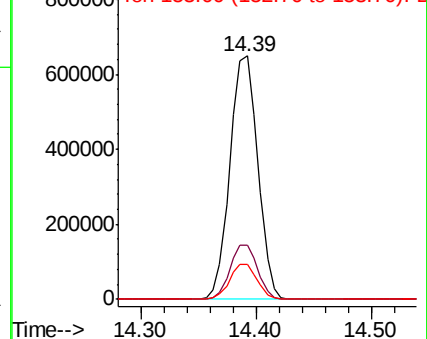
152 100

151 22.4 18.7 28.1

153 14.2 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: 41.642 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

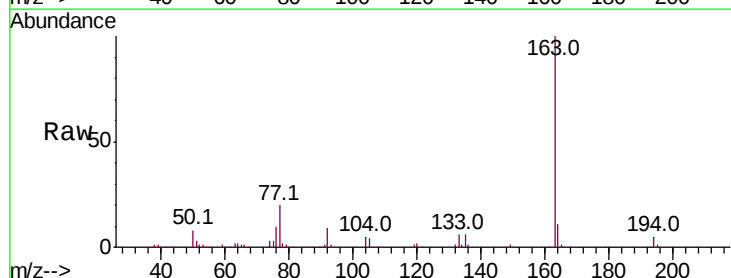
Tgt Ion:163 Resp: 878447

Ion Ratio Lower Upper

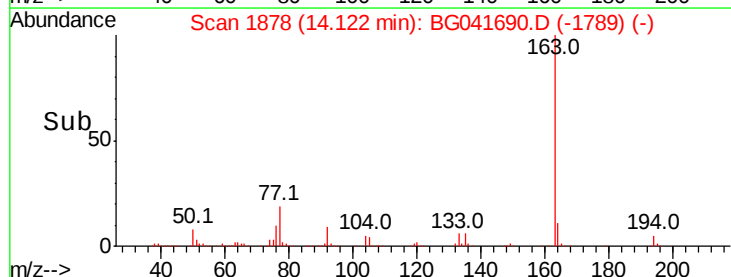
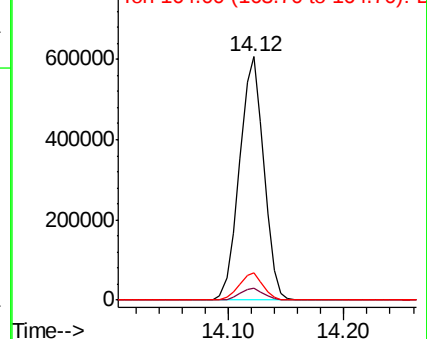
163 100

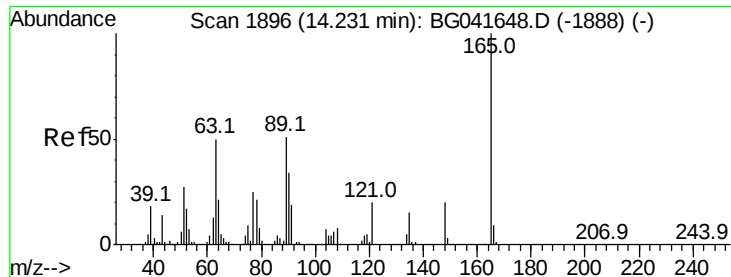
194 5.0 4.2 6.2

164 11.4 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: 44.813 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

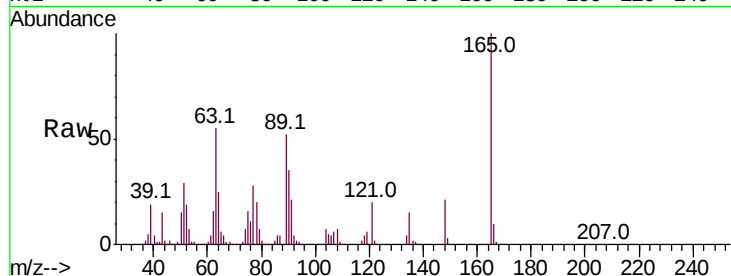
Tot Ion:165 Resp: 200520

Ion Ratio Lower Upper

165 100

63 54.6 42.4 63.6

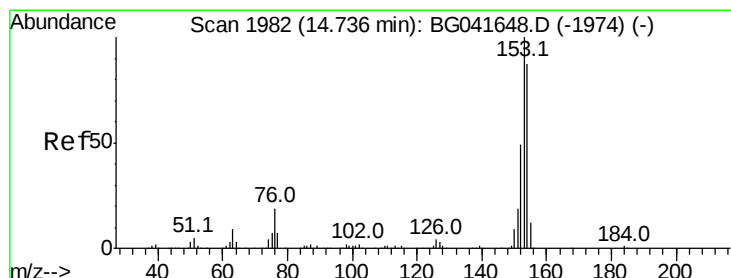
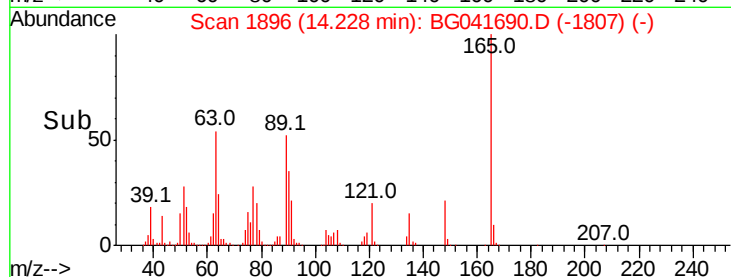
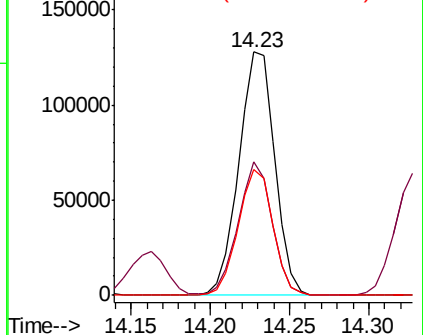
89 51.7 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.431 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

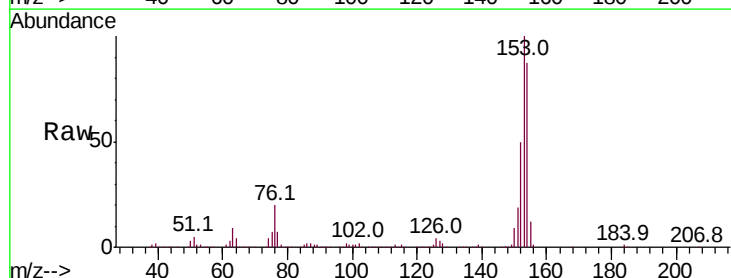
Tgt Ion:154 Resp: 683566

Ion Ratio Lower Upper

154 100

153 115.1 89.8 134.6

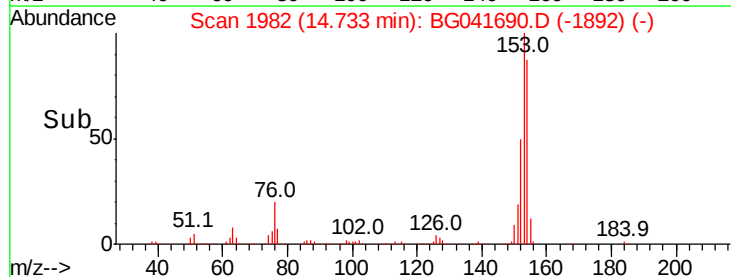
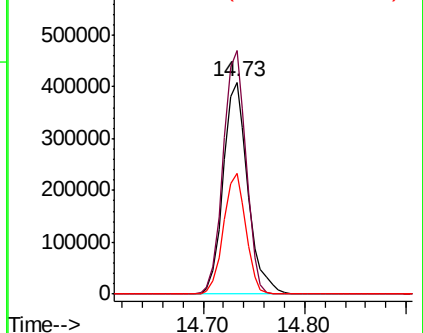
152 57.3 44.9 67.3

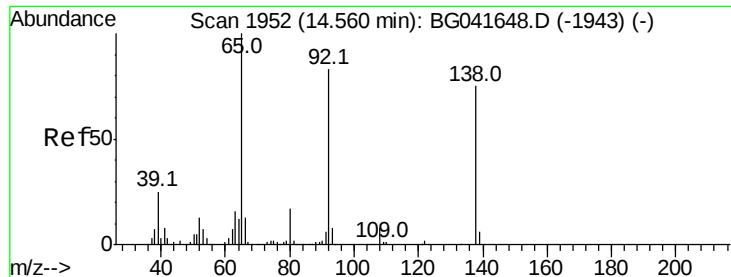


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

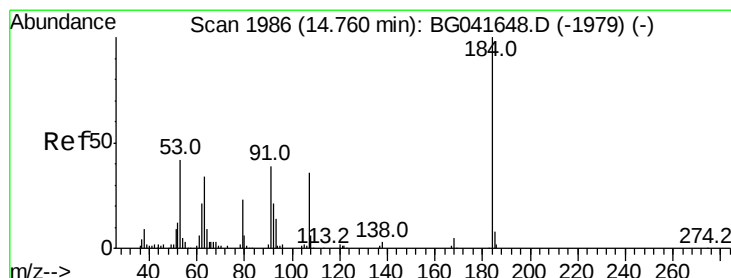
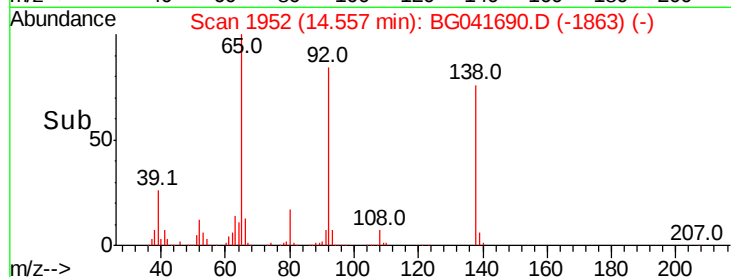
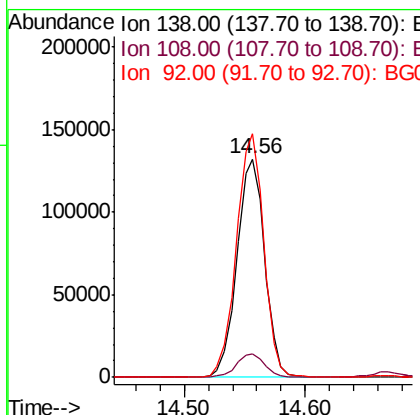
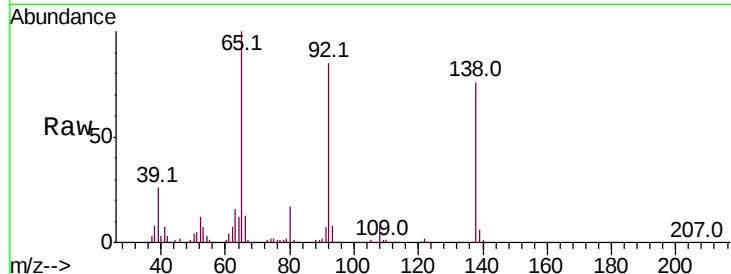




#53
3-Nitroaniline
Concen: 43.468 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

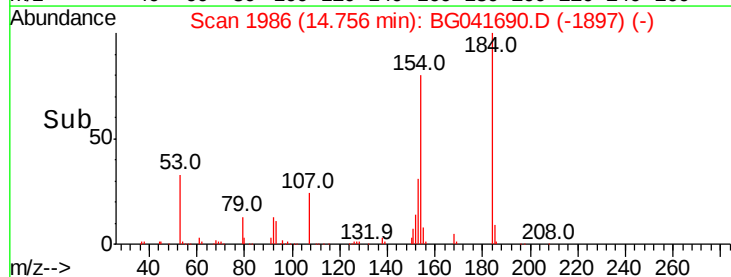
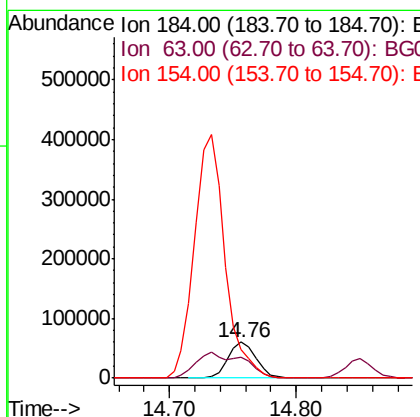
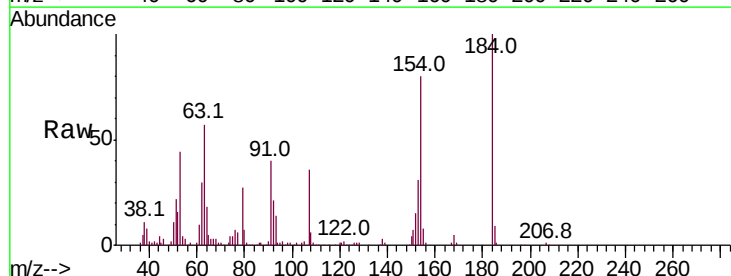
Instrument :
BNA_G
ClientSampleId :

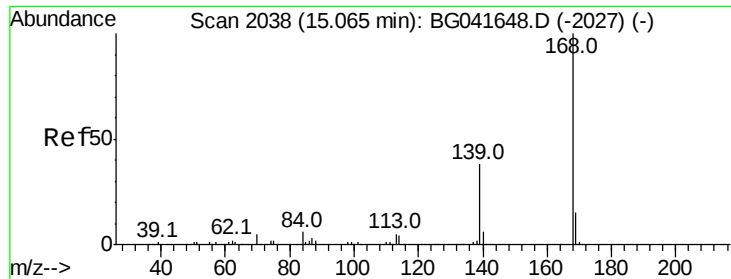
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.3	15.5
92	111.4	93.0	139.4



#54
2,4-Dinitrophenol
Concen: 44.722 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.4	43.2	64.8
154	79.9	51.4	77.2#





#55

Dibenzenofuran

Concen: 41.578 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

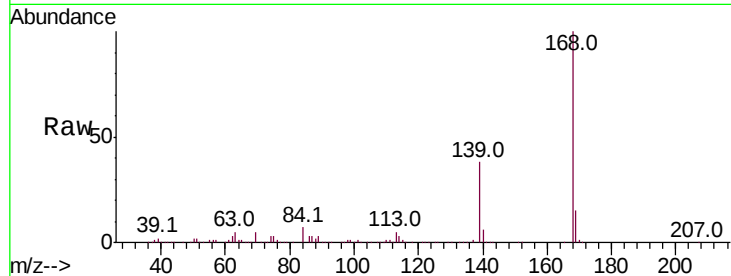
Tot Ion:168 Resp: 1029398

Ion Ratio Lower Upper

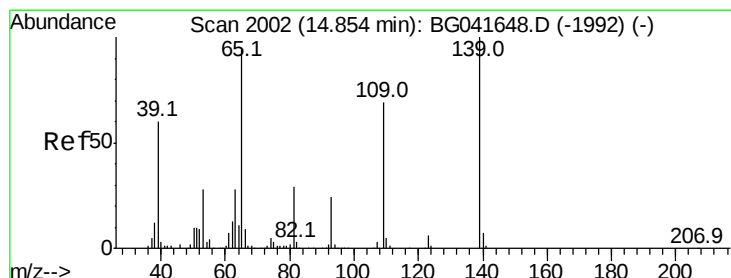
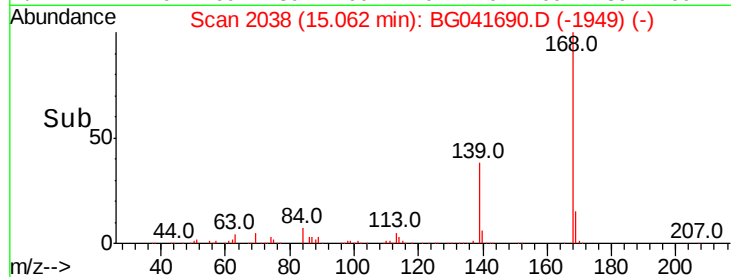
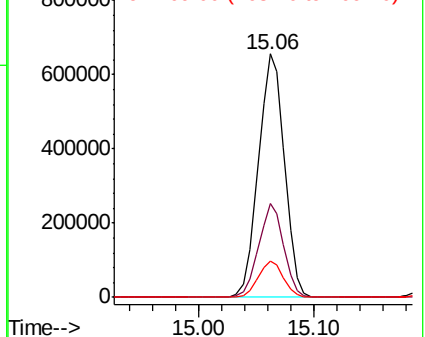
168 100

139 38.4 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: 43.755 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

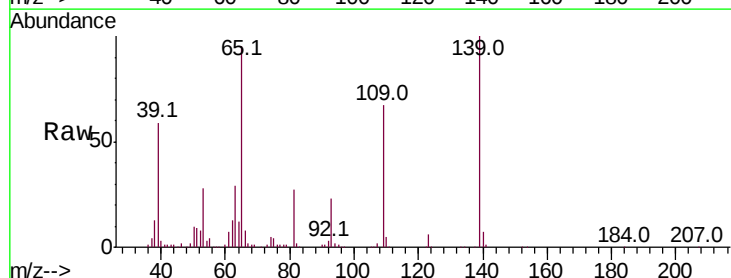
Tgt Ion:139 Resp: 173034

Ion Ratio Lower Upper

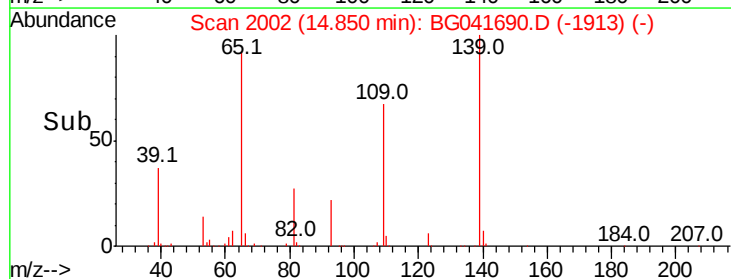
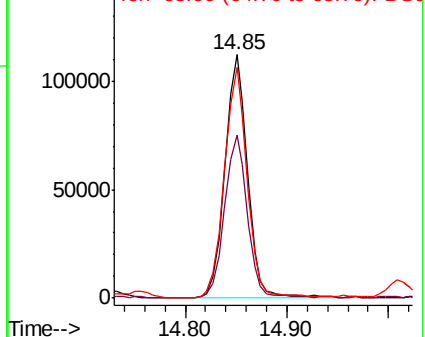
139 100

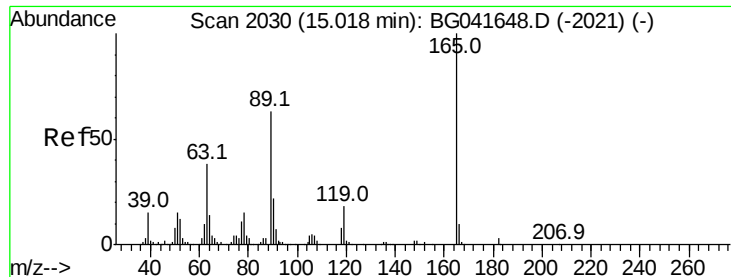
109 66.8 51.3 91.3

65 94.7 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): E

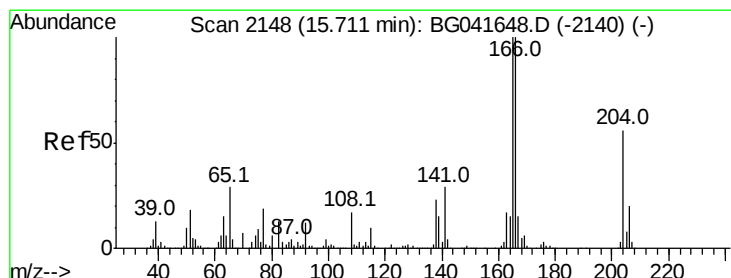
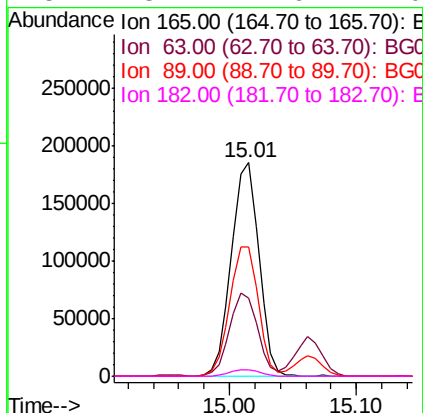
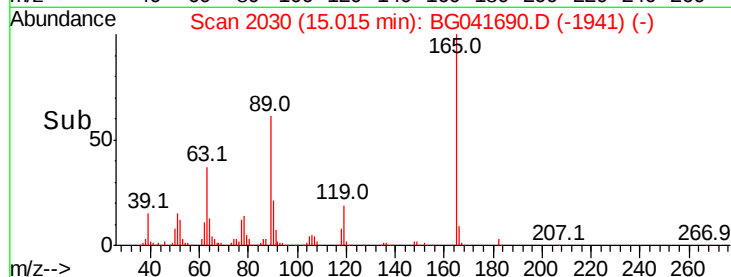
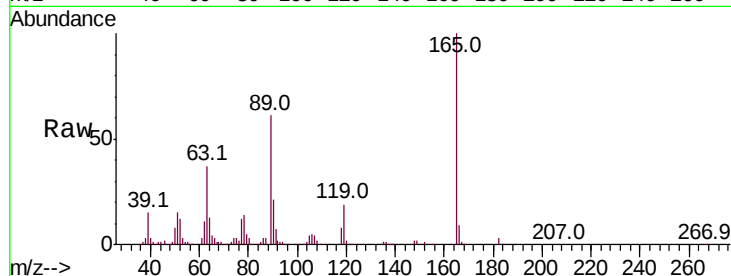




#57
2,4-Dinitrotoluene
Concen: 47.116 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

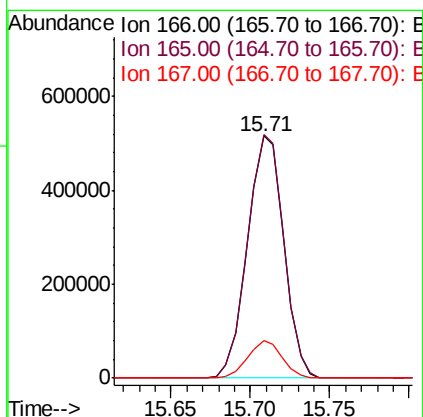
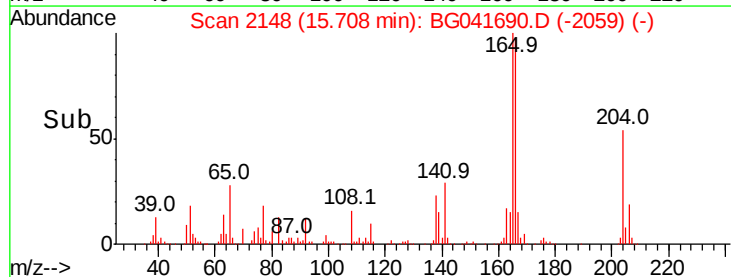
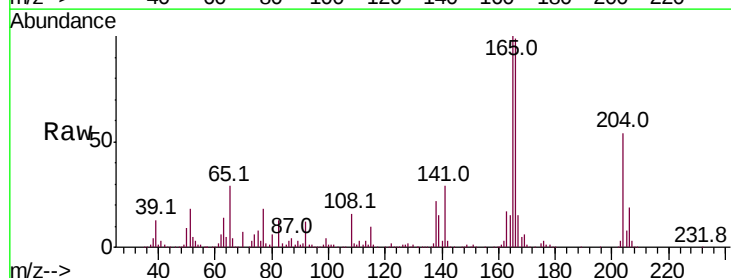
Instrument :
BNA_G
ClientSampled :

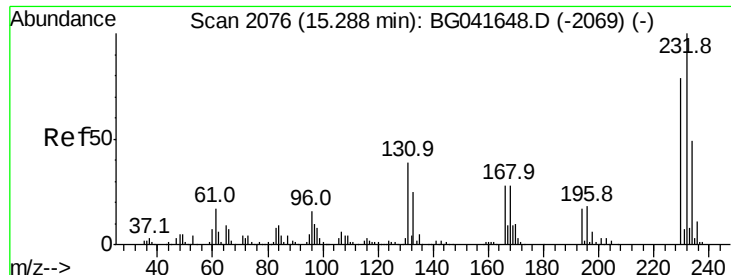
Tot Ion:165 Resp: 278682
Ion Ratio Lower Upper
165 100
63 36.8 31.7 47.5
89 60.5 50.2 75.4
182 3.2 2.6 4.0



#58
Fluorene
Concen: 40.760 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion:166 Resp: 821110
Ion Ratio Lower Upper
166 100
165 100.7 80.5 120.7
167 15.4 12.4 18.6

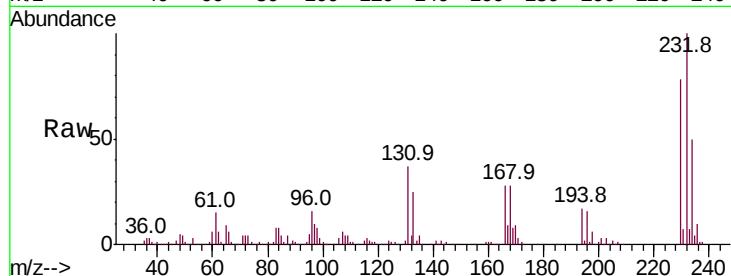




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.803 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	254705
Ion	Ratio	Lower	Upper
232	100		
131	37.9	31.8	47.6
130	2.4	1.8	2.8
166	28.6	23.5	35.3



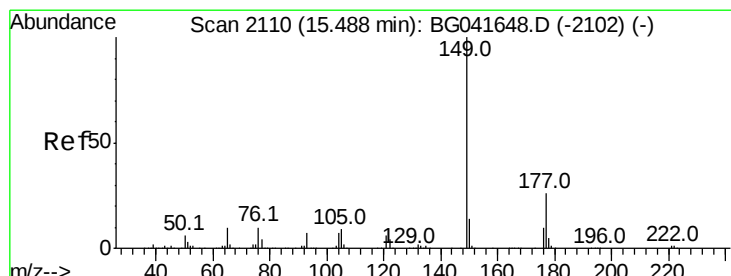
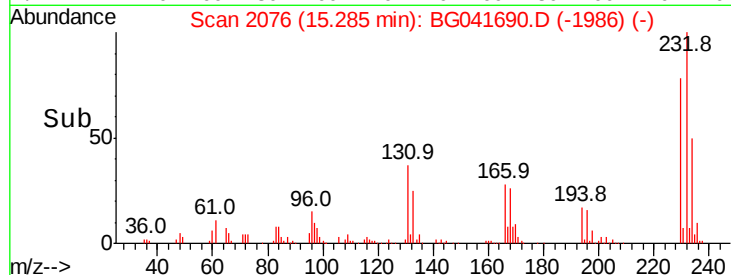
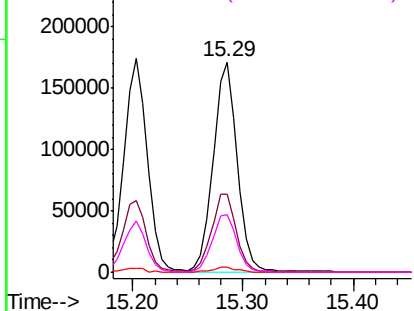
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

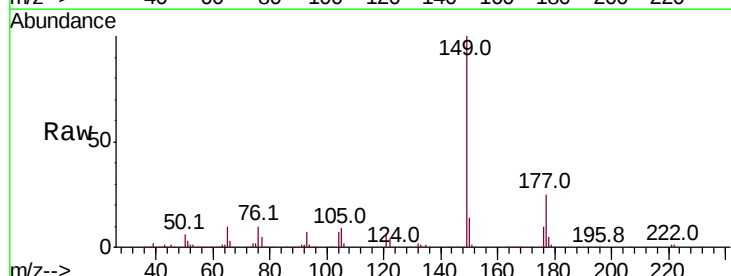
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.313 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion:	149	Resp:	877983
Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.7	31.1
150	13.9	11.5	17.3

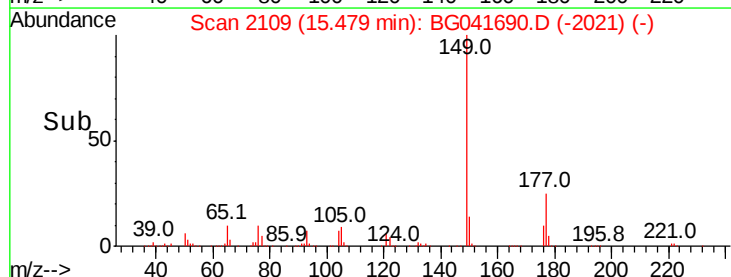
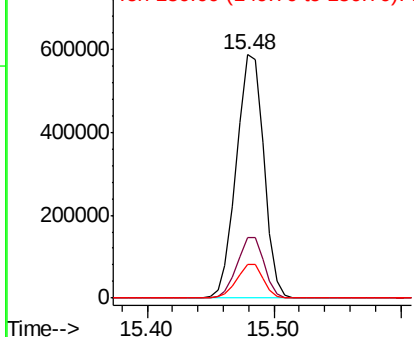


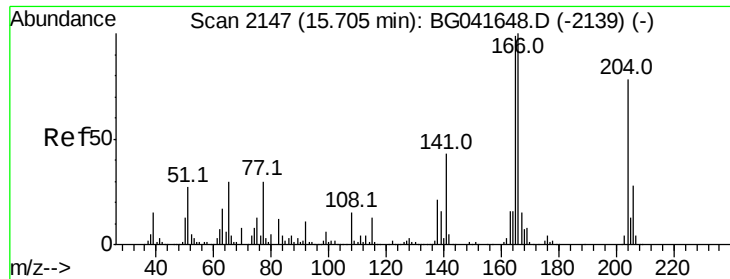
Abundance

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

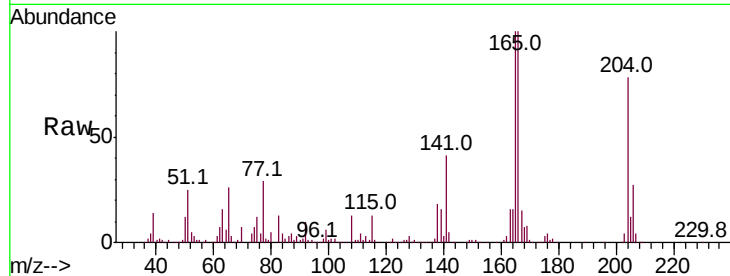




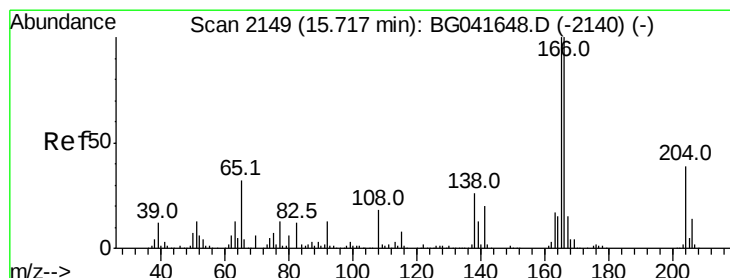
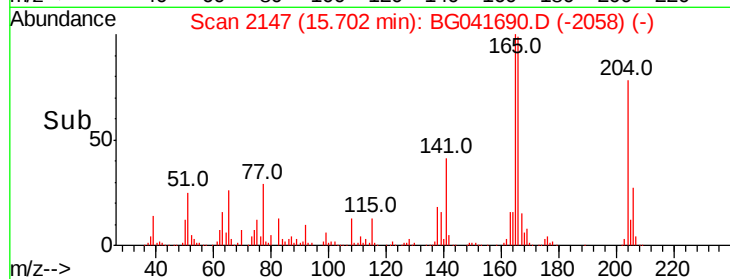
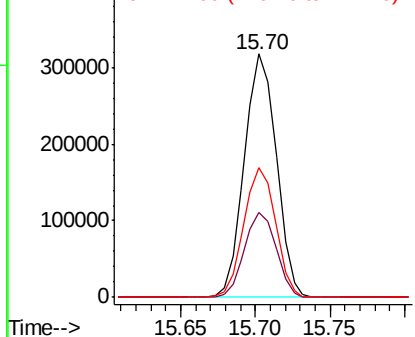
#61
 4-Chlorophenyl-phenylether
 Concen: 41.287 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 470150
 Ion Ratio Lower Upper
 204 100
 206 34.9 28.6 42.8
 141 53.2 42.9 64.3

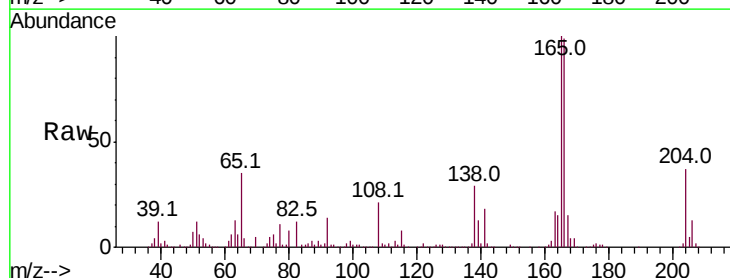


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

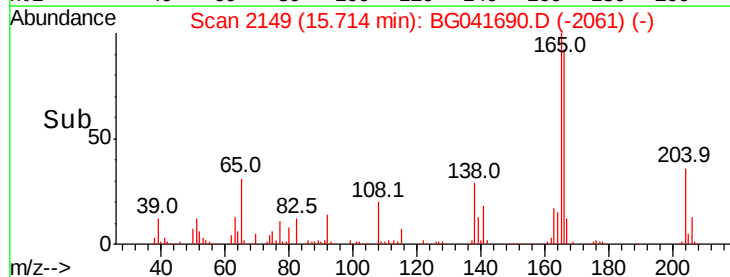
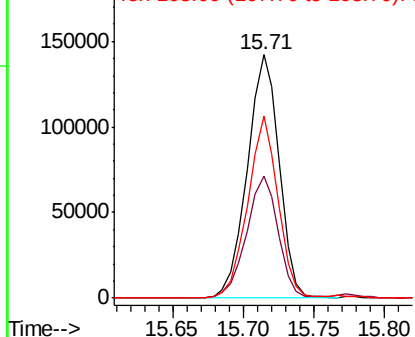


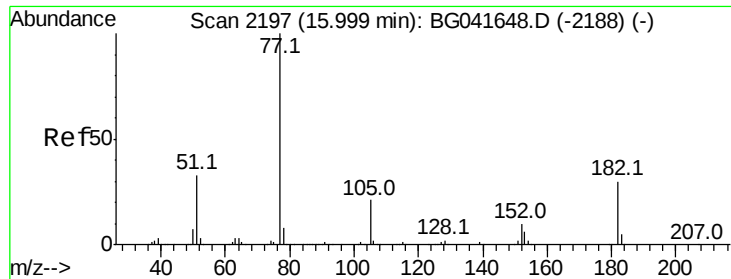
#62
 4-Nitroaniline
 Concen: 43.484 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Tgt Ion:138 Resp: 225263
 Ion Ratio Lower Upper
 138 100
 92 50.3 29.8 69.8
 108 74.7 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: 40.260 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 773535

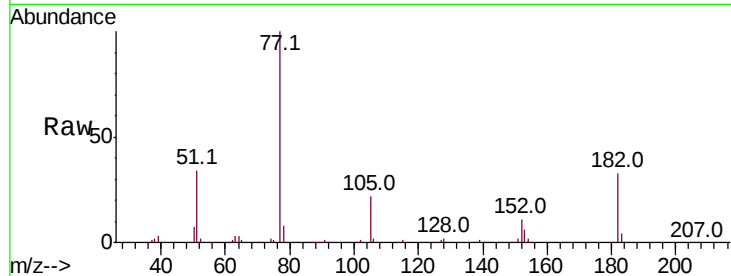
Ion Ratio Lower Upper

77 100

182 32.9 13.2 53.2

105 21.7 2.2 42.2

51 34.0 14.6 54.6

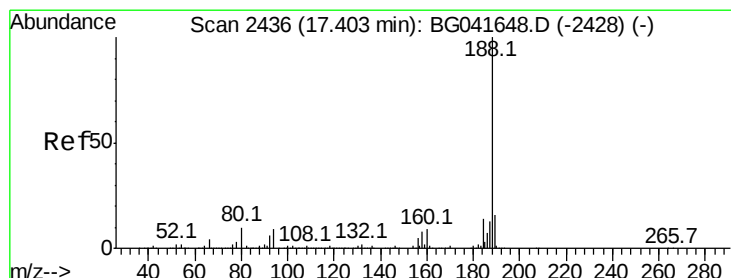
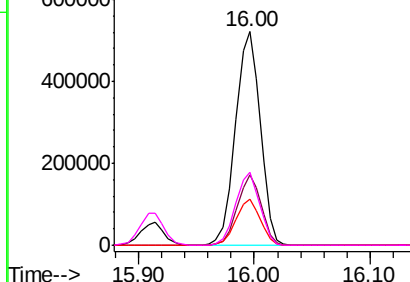
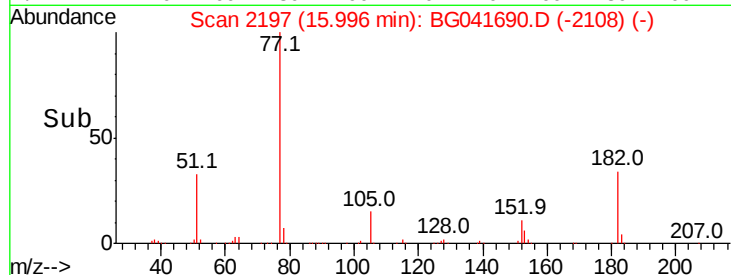


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

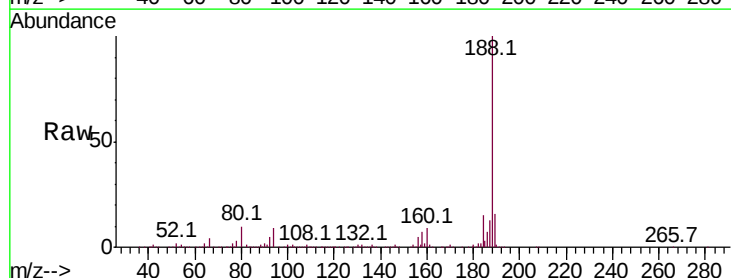
Tgt Ion: 188 Resp: 623948

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

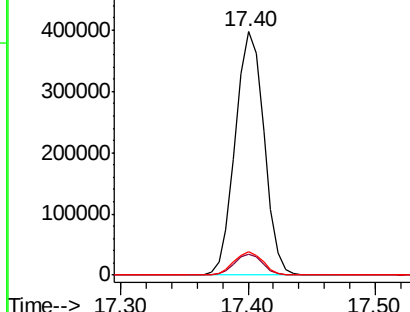
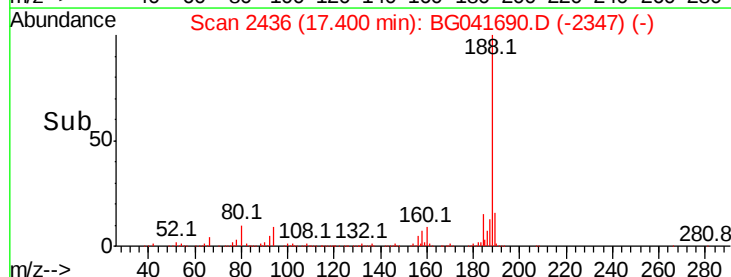
80 9.7 8.0 12.0

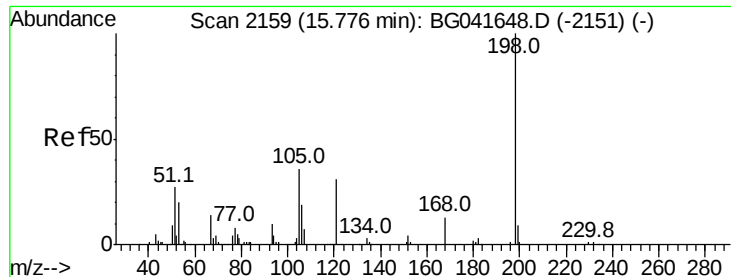


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

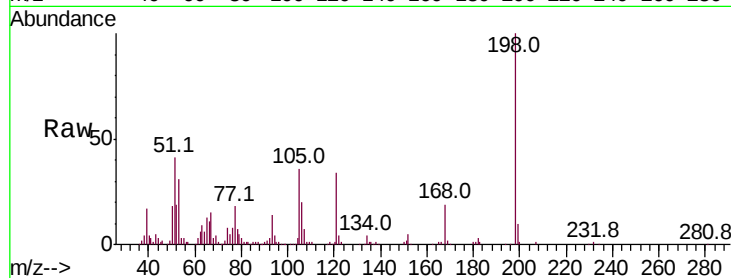




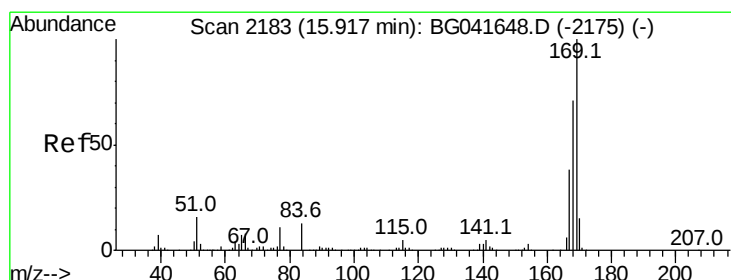
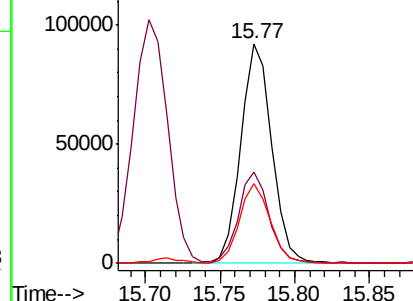
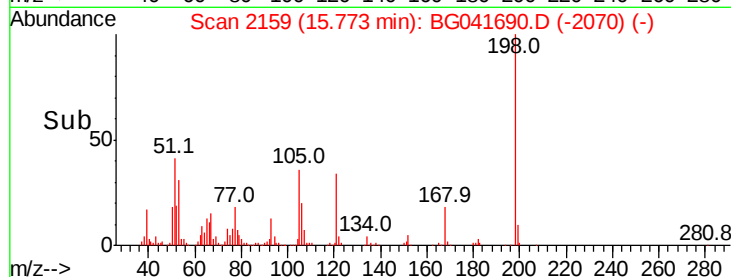
#65
4,6-Dinitro-2-methylphenol
Concen: 45.341 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.4	22.3	62.3
105	36.1	18.0	58.0

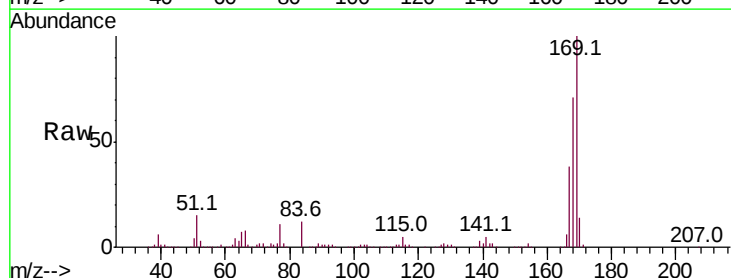


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

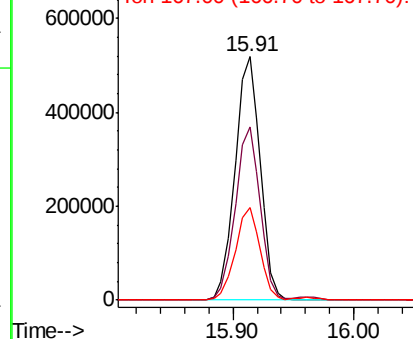
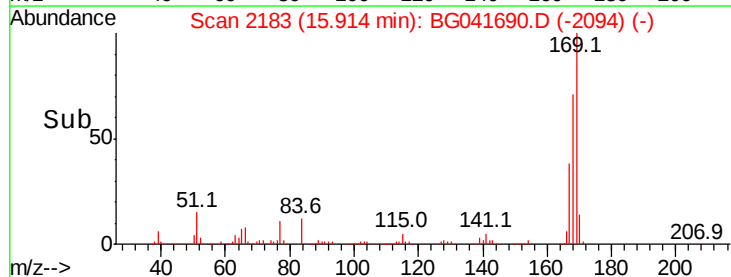


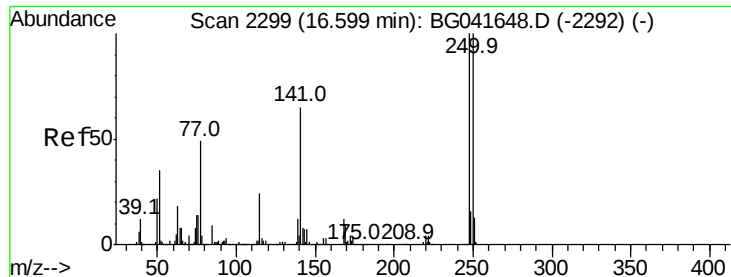
#66
n-Nitrosodiphenylamine
Concen: 41.024 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG041690.D
Acq: 17 Jul 2019 15:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.9	56.9	85.3
167	38.3	31.5	47.3



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





#67

4-Bromophenyl-phenylether

Concen: 42.380 ng

RT: 16.60 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

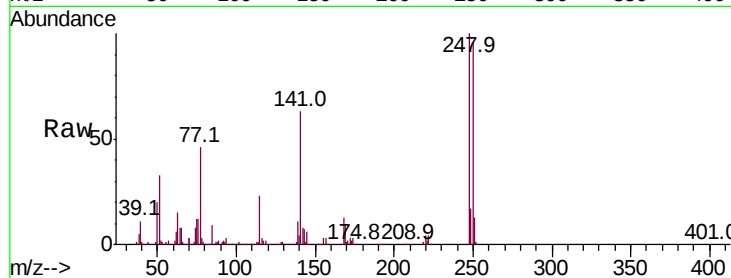
Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 314634

Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.1	117.1
141	62.7	49.6	74.4

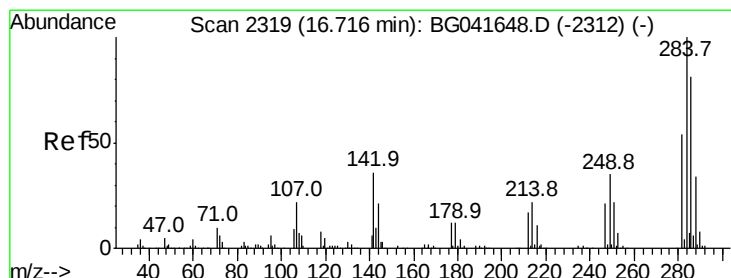
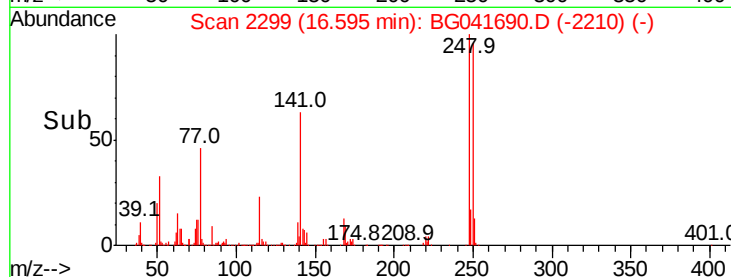
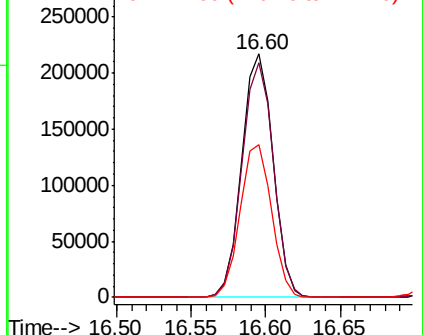


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.260 ng

RT: 16.71 min Scan# 2319

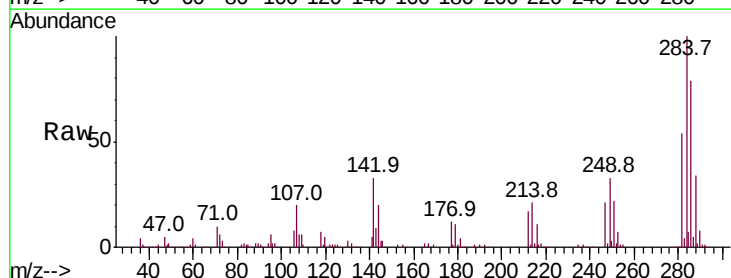
Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Tgt Ion:284 Resp: 315935

Ion	Ratio	Lower	Upper
284	100		
142	33.1	27.0	40.6
249	33.2	28.4	42.6

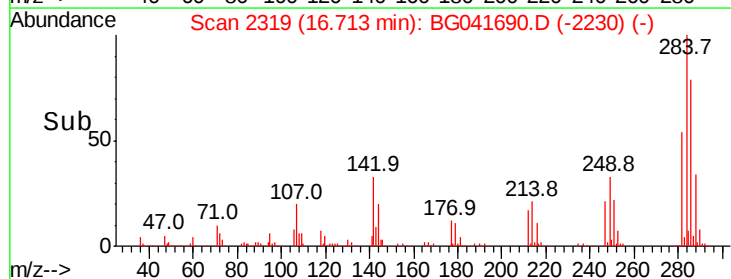
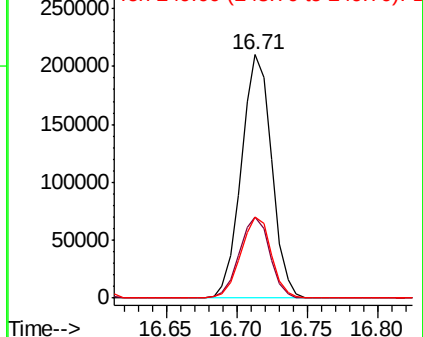


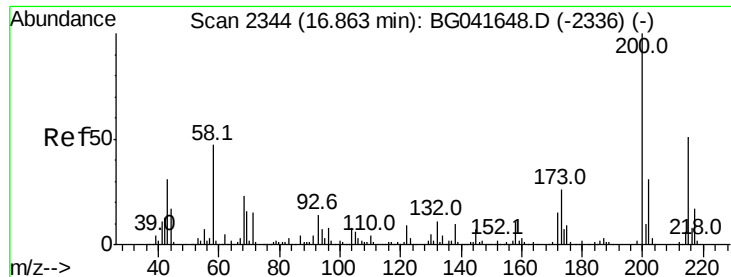
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

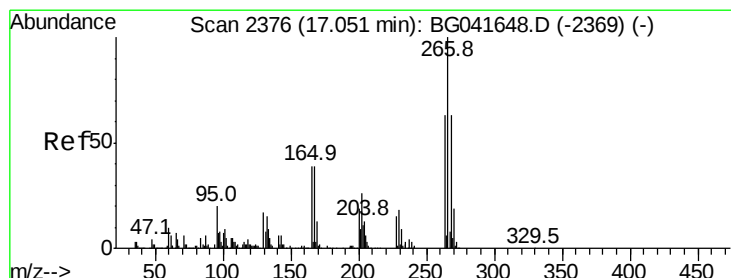
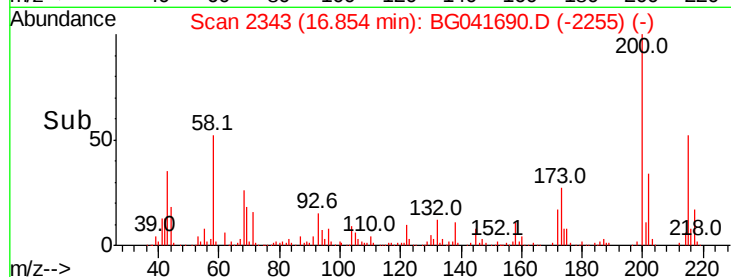
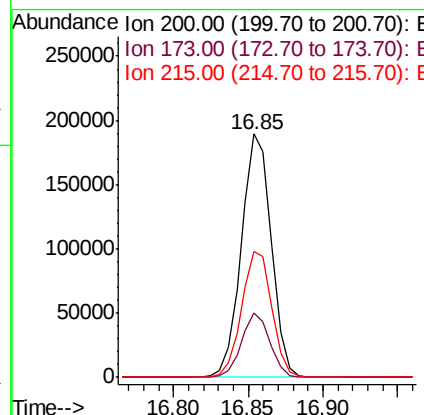
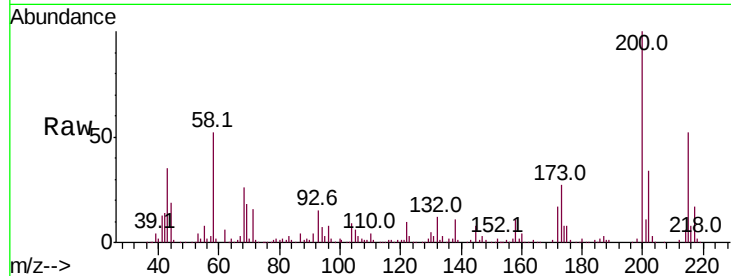




#69
 Atrazine
 Concen: 39.557 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

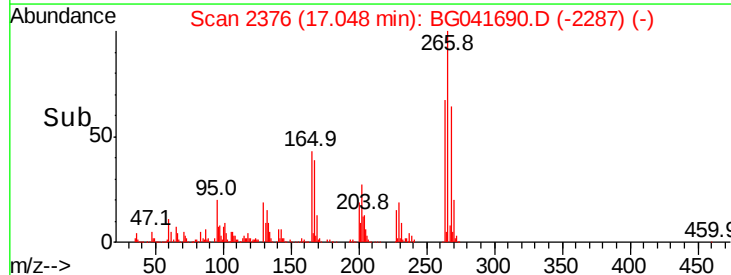
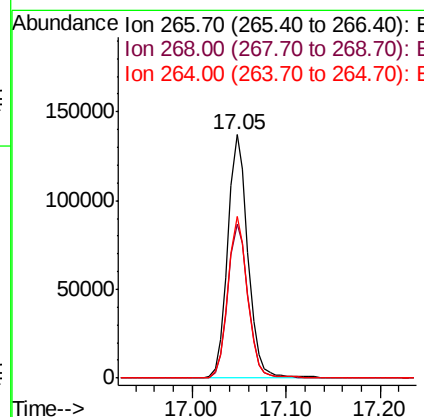
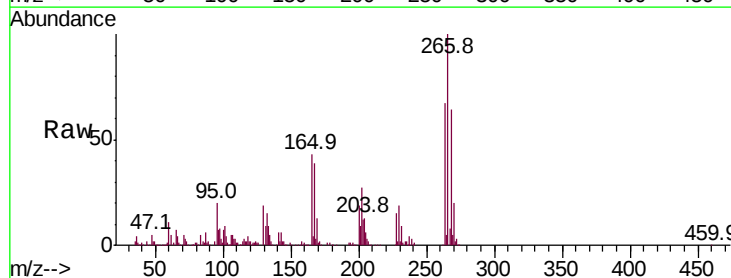
Instrument :
 BNA_G
 ClientSampleId :

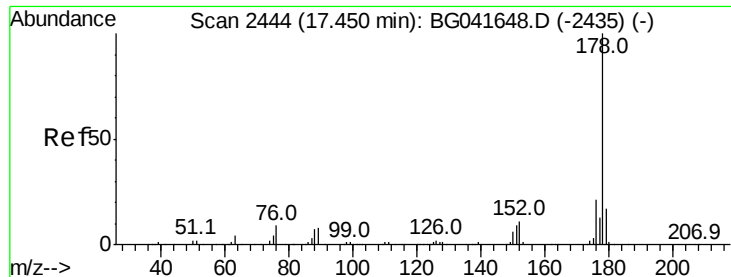
Tot Ion:200 Resp: 263031
 Ion Ratio Lower Upper
 200 100
 173 26.6 5.3 45.3
 215 51.8 31.8 71.8



#70
 Pentachlorophenol
 Concen: 44.018 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Tgt Ion:266 Resp: 205763
 Ion Ratio Lower Upper
 266 100
 268 68.7 52.9 79.3
 264 66.5 51.4 77.2

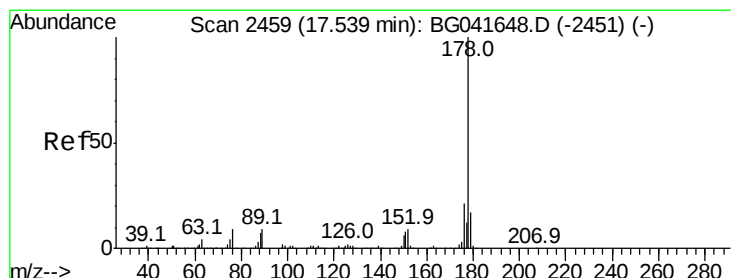
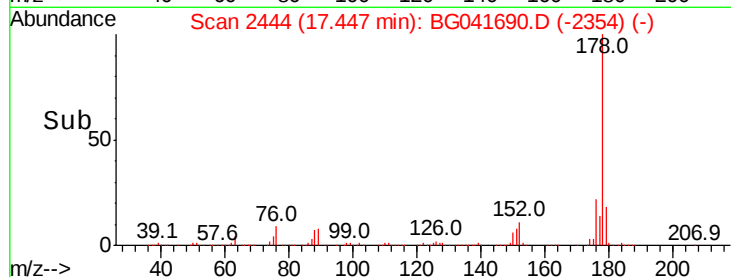
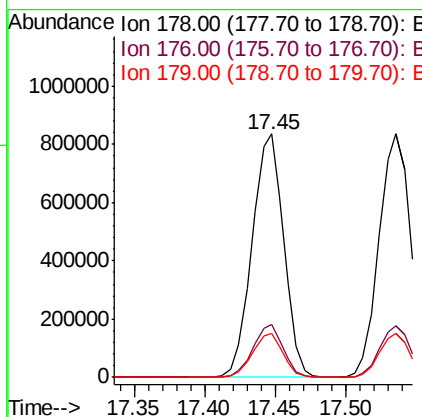
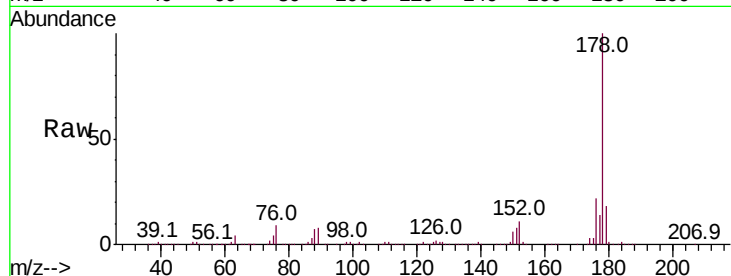




#71
 Phenanthrene
 Concen: 41.905 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

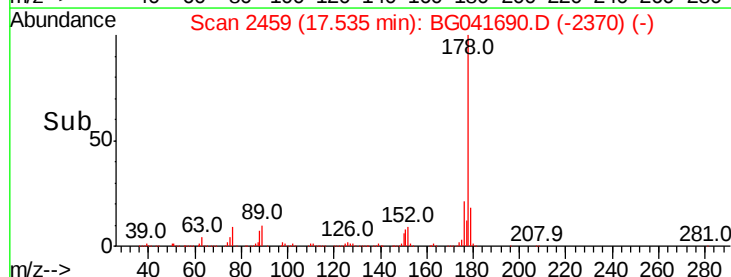
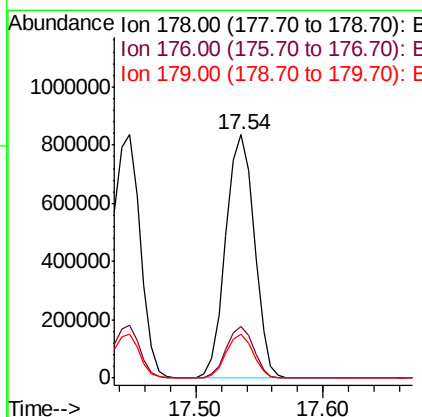
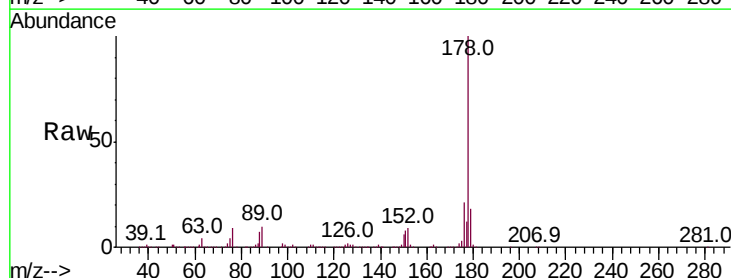
Instrument :
 BNA_G
 ClientSampleId :

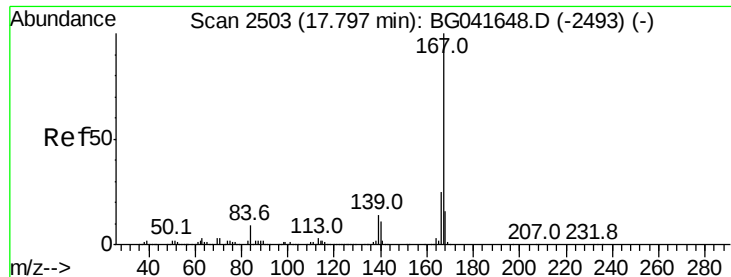
Tot Ion:178 Resp: 1316730
 Ion Ratio Lower Upper
 178 100
 176 21.9 18.6 28.0
 179 17.9 15.4 23.0



#72
 Anthracene
 Concen: 41.881 ng
 RT: 17.54 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Tgt Ion:178 Resp: 1311773
 Ion Ratio Lower Upper
 178 100
 176 21.2 18.6 28.0
 179 18.0 15.1 22.7





#73

Carbazole

Concen: 41.899 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

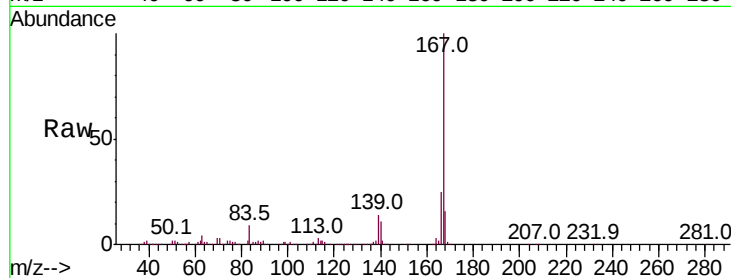
Tot Ion:167 Resp: 1217090

Ion Ratio Lower Upper

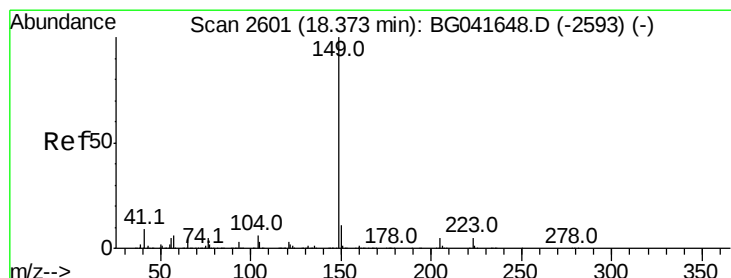
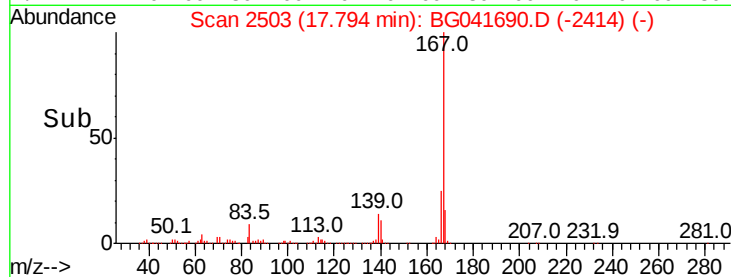
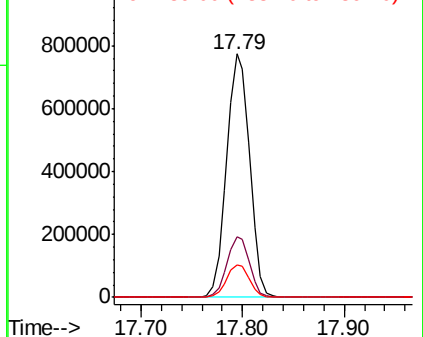
167 100

166 25.0 21.4 32.2

139 13.5 12.1 18.1



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



#74

Di-n-butylphthalate

Concen: 40.587 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

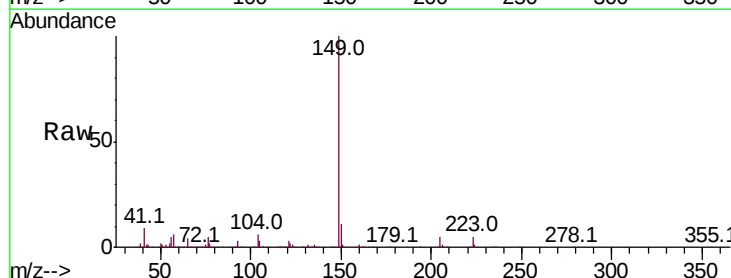
Tgt Ion:149 Resp: 1437954

Ion Ratio Lower Upper

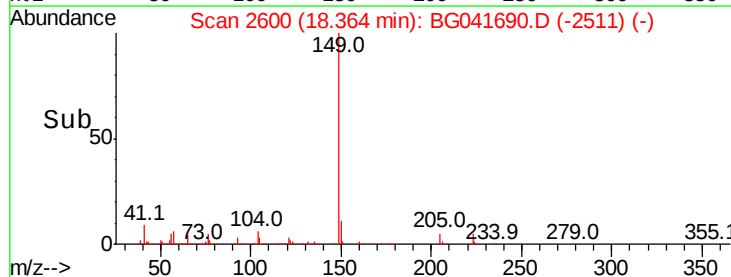
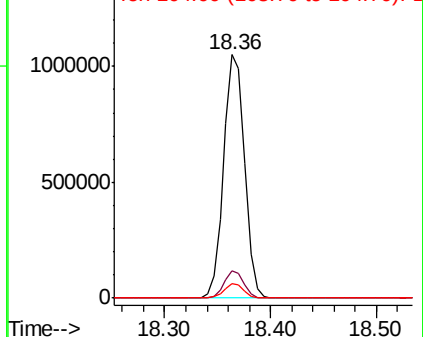
149 100

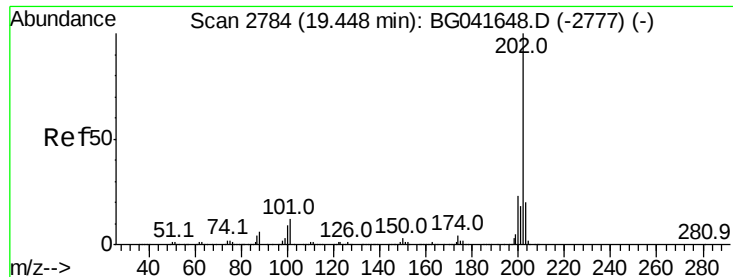
150 11.2 10.2 15.2

104 5.9 5.3 7.9



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





#75

Fluoranthene

Concen: 40.851 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampled :

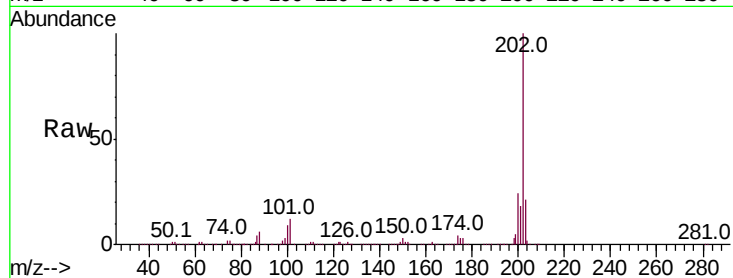
Tot Ion:202 Resp: 1576186

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.8
203	21.2	3.7	43.7

202 100

101 11.8 0.0 32.8

203 21.2 3.7 43.7

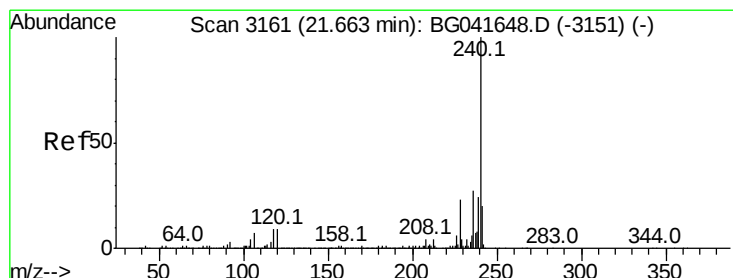
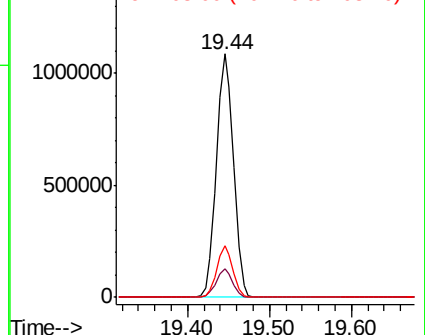
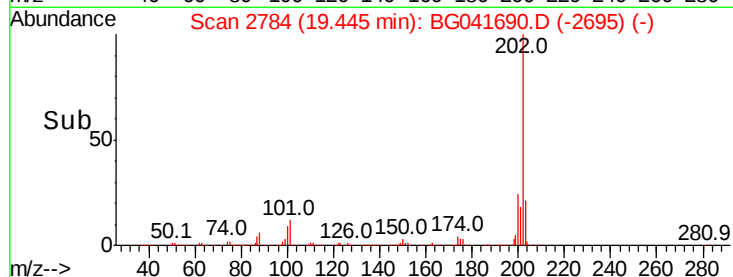


Abundance

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: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

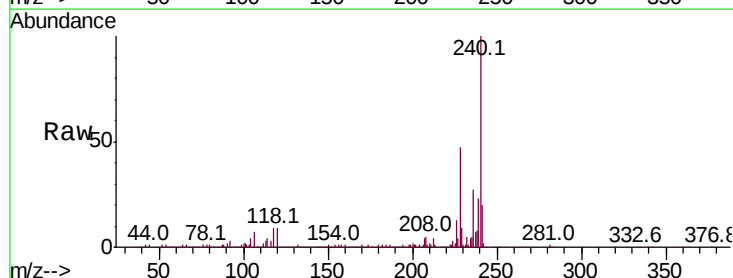
Tgt Ion:240 Resp: 586761

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.0	12.0
236	27.2	22.6	33.8

240 100

120 9.2 8.0 12.0

236 27.2 22.6 33.8

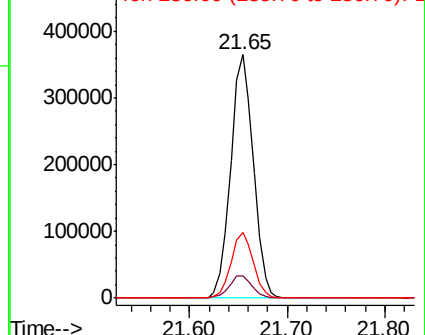
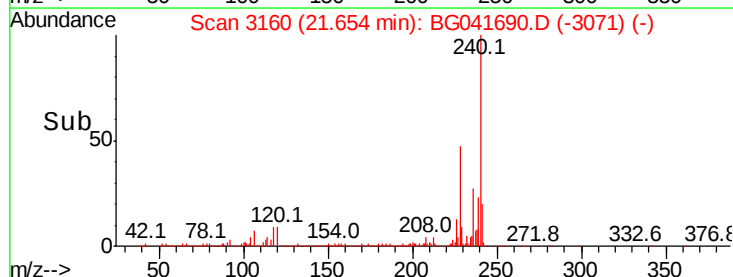


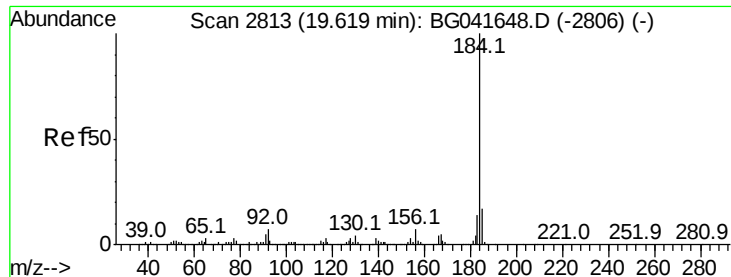
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.557 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

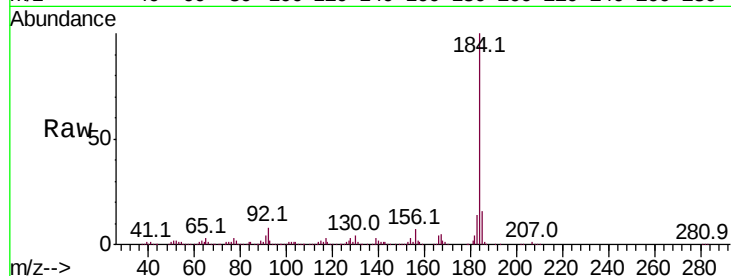
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 819898

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.0	19.4
183	13.7	11.8	17.6

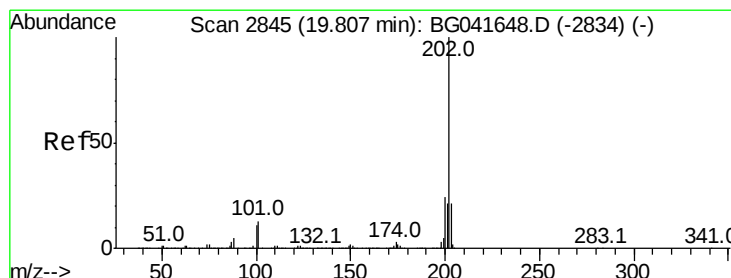
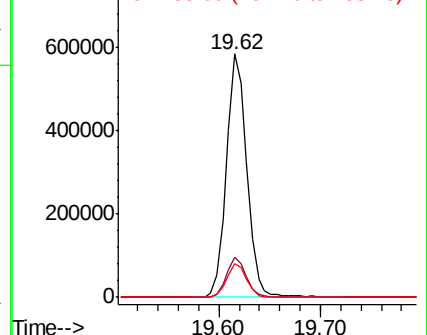
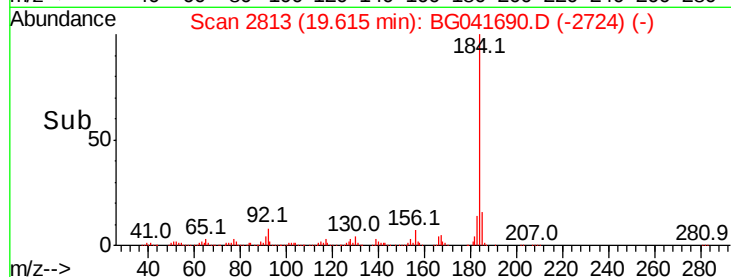


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.742 ng

RT: 19.80 min Scan# 2845

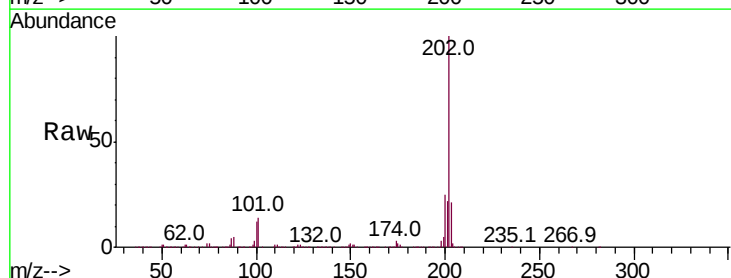
Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Tgt Ion:202 Resp: 1577135

Ion	Ratio	Lower	Upper
202	100		
200	24.8	22.2	33.2
203	21.2	18.9	28.3

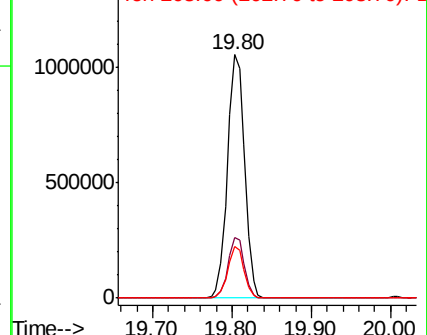
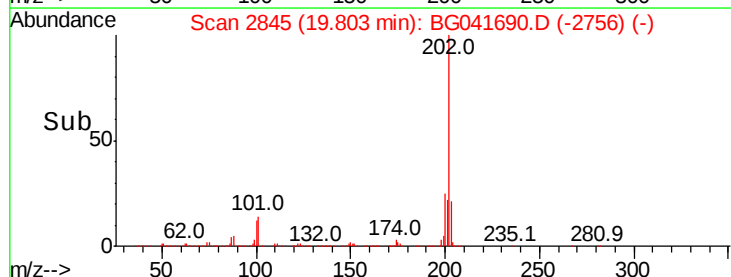


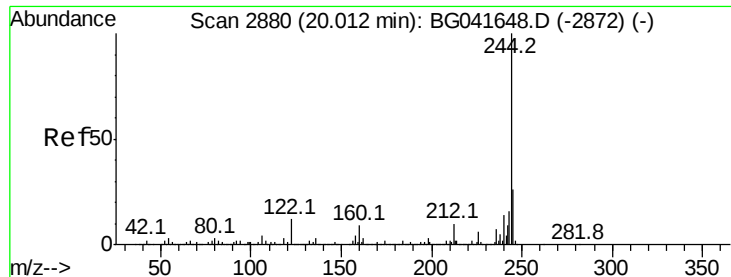
Abundance

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: 83.015 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

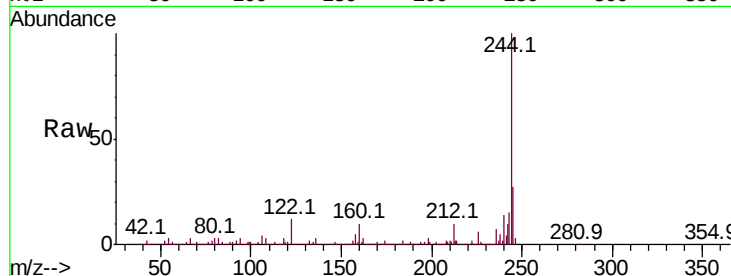
Tot Ion:244 Resp: 2084400

Ion Ratio Lower Upper

244 100

212 9.8 9.7 14.5

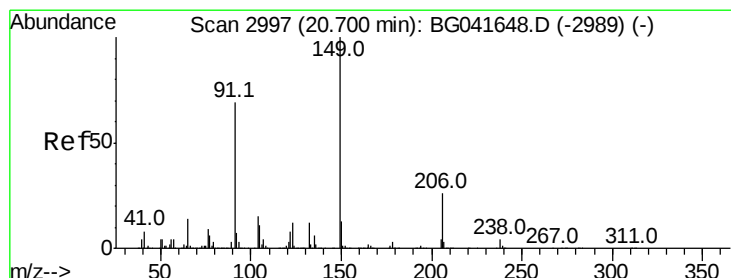
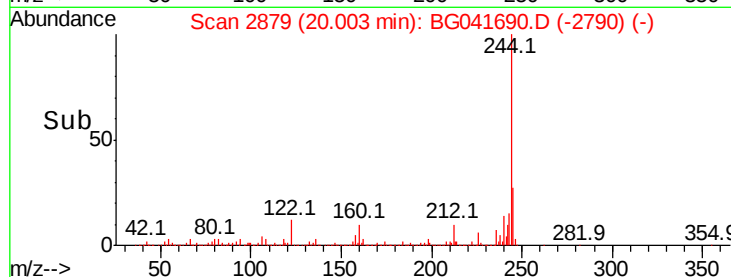
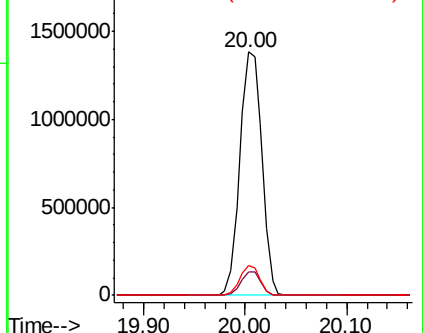
122 12.4 12.5 18.7#



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: 41.970 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

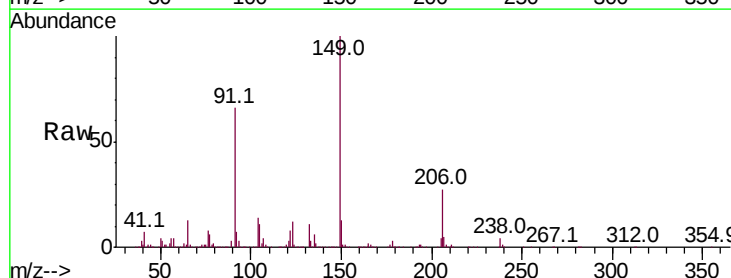
Tgt Ion:149 Resp: 692118

Ion Ratio Lower Upper

149 100

91 65.7 58.9 88.3

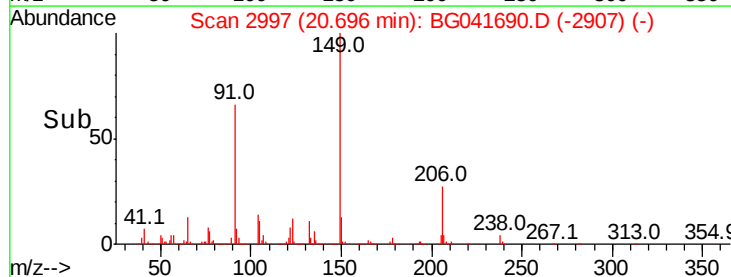
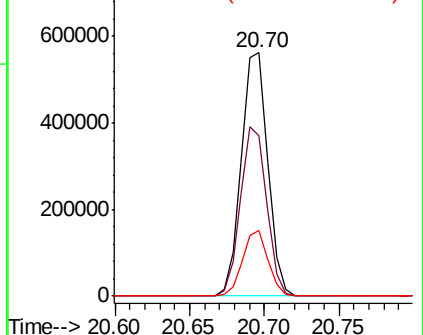
206 26.8 20.8 31.2

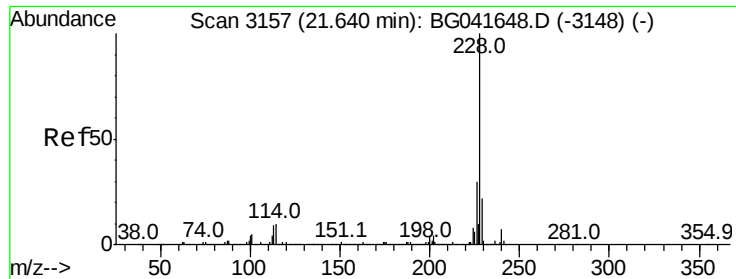


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.795 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

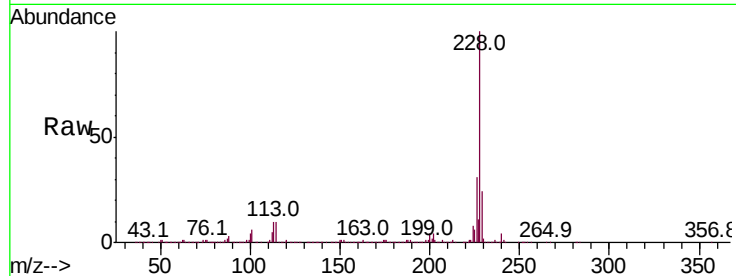
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1584472

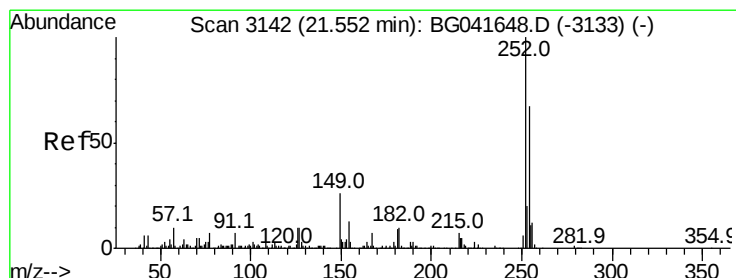
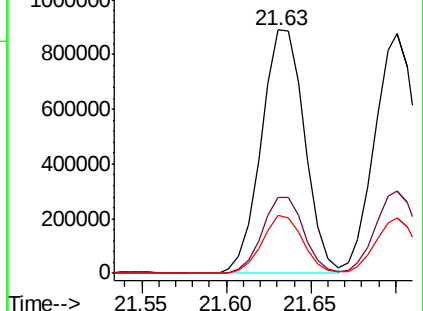
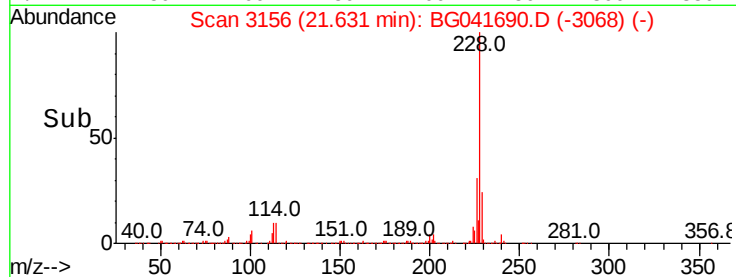
Ion	Ratio	Lower	Upper
228	100		
226	31.5	27.3	40.9
229	23.6	19.7	29.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.019 ng

RT: 21.55 min Scan# 3142

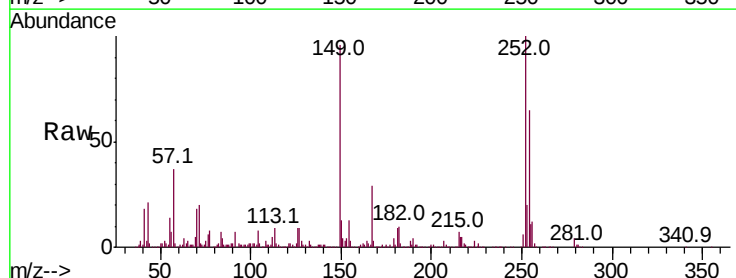
Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Tgt Ion:252 Resp: 611937

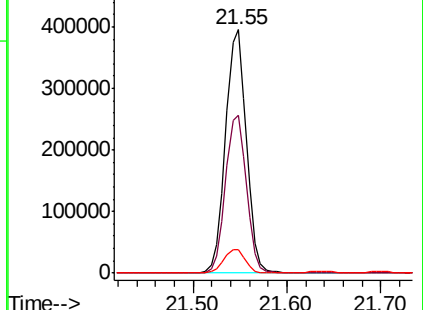
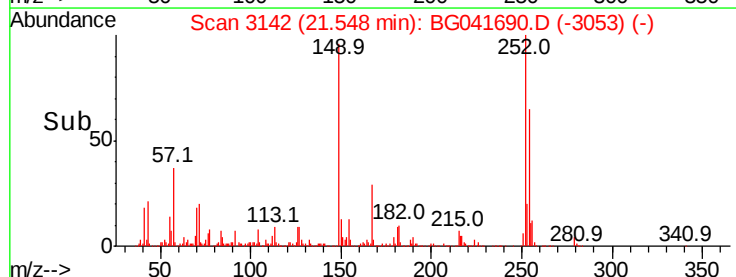
Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.8	80.6
126	9.4	7.8	11.8

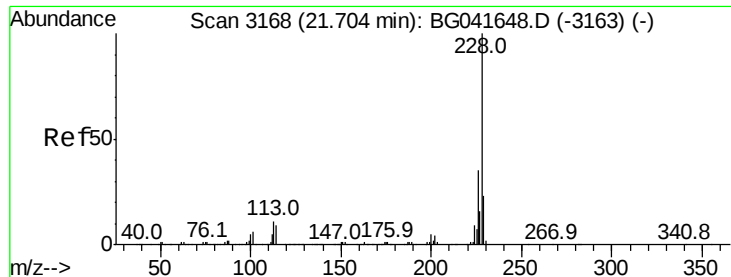


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



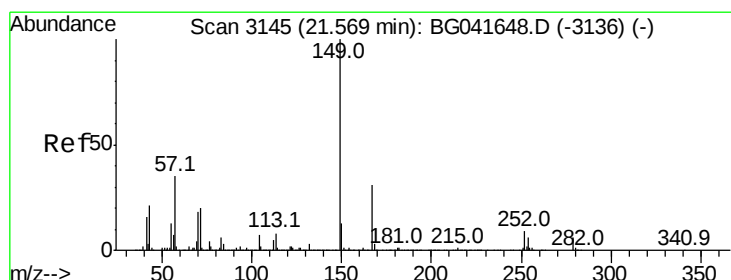
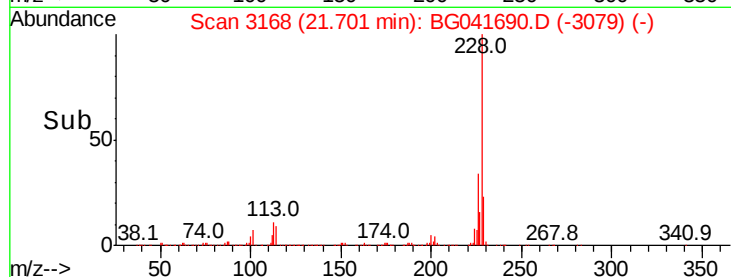
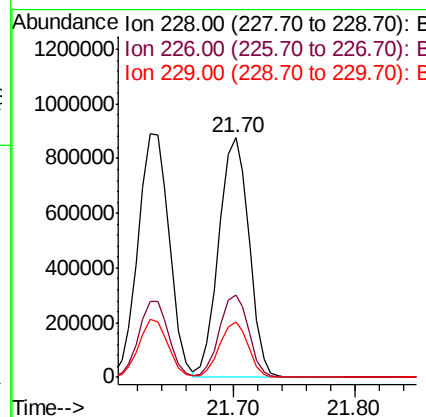
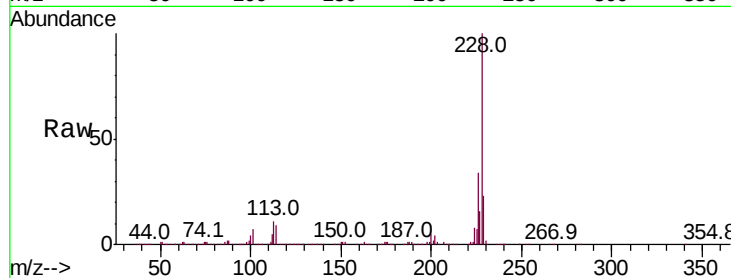


#83
 Chrysene
 Concen: 41.652 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1508864

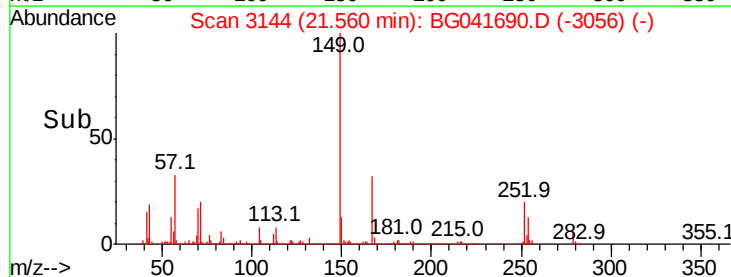
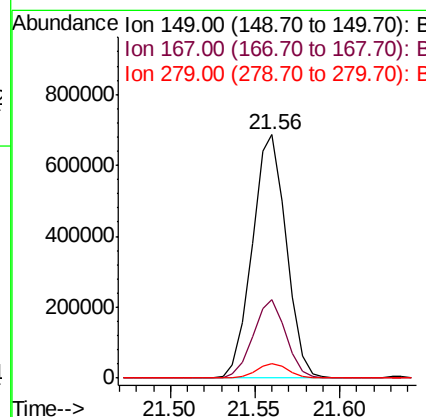
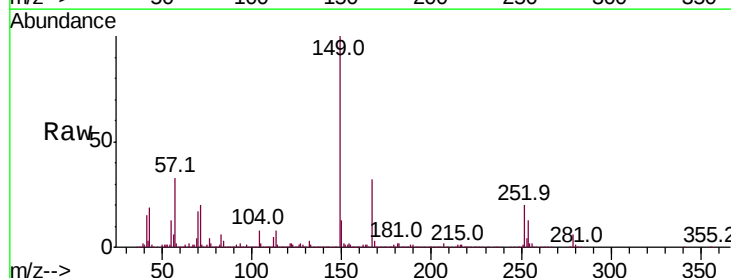
Ion	Ratio	Lower	Upper
228	100		
226	34.4	30.1	45.1
229	23.0	19.8	29.6

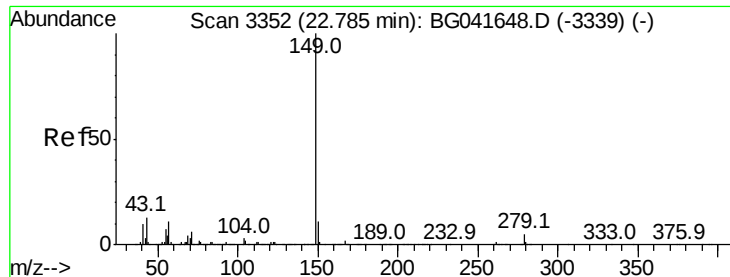


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.132 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG041690.D
 Acq: 17 Jul 2019 15:26

Tgt Ion:149 Resp: 957703

Ion	Ratio	Lower	Upper
149	100		
167	32.1	27.0	40.4
279	5.7	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 41.784 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :

BNA_G

ClientSampleId :

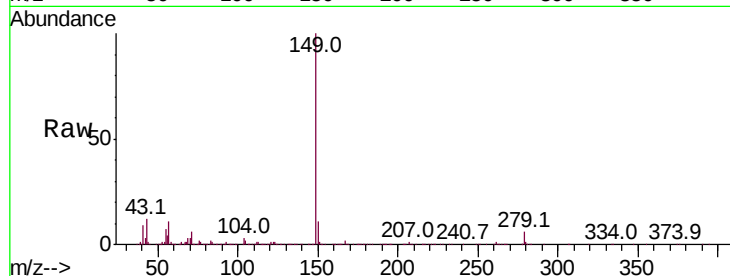
Tot Ion:149 Resp: 1656776

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

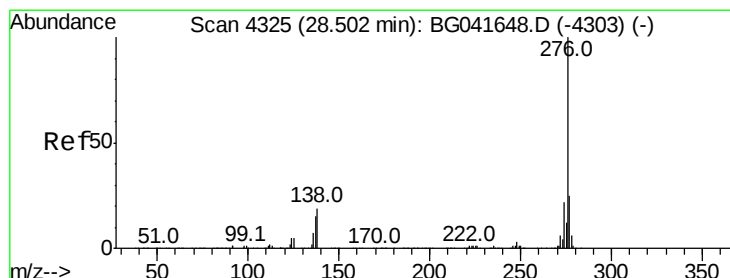
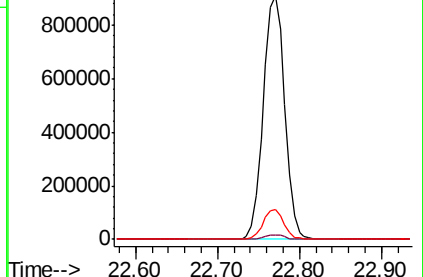
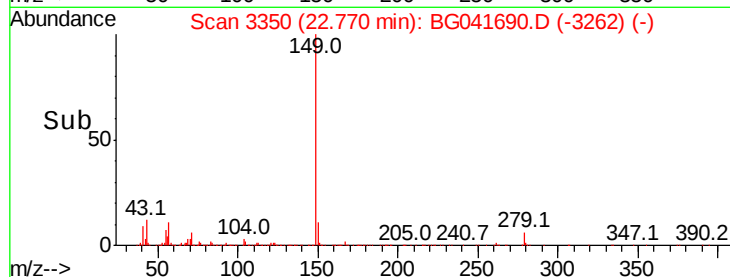
43 11.7 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.130 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.04 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

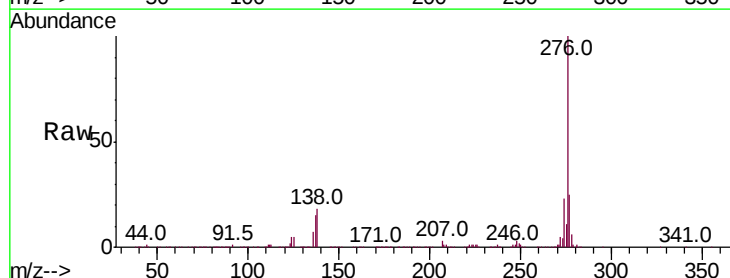
Tgt Ion:276 Resp: 1965928

Ion Ratio Lower Upper

276 100

138 15.6 19.4 29.0#

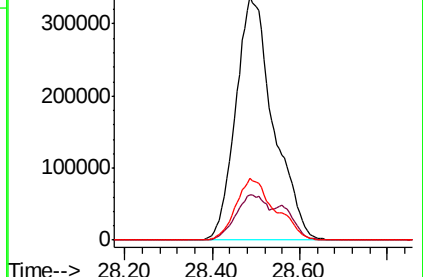
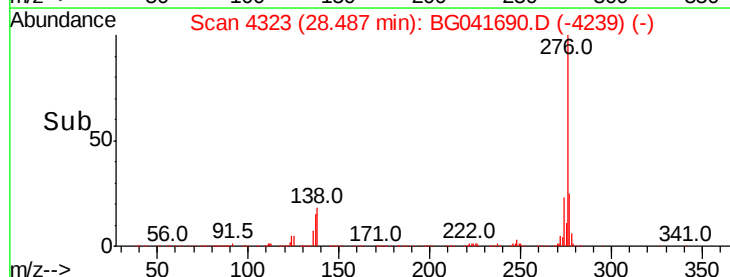
277 26.5 21.2 31.8

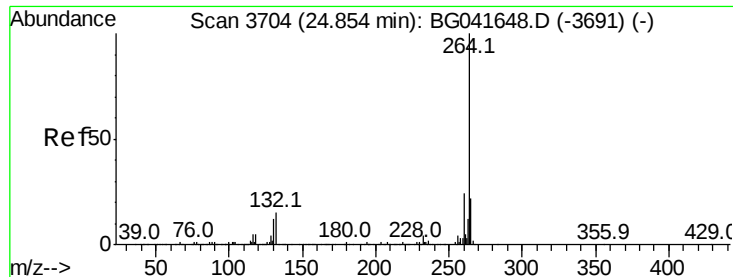


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

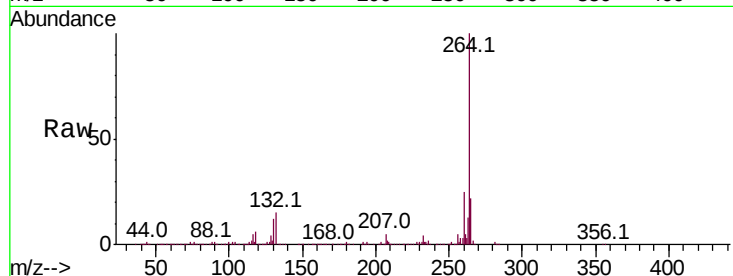
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 684133

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.7	18.0	27.0

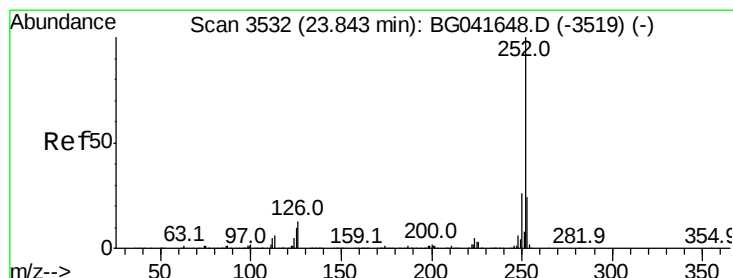
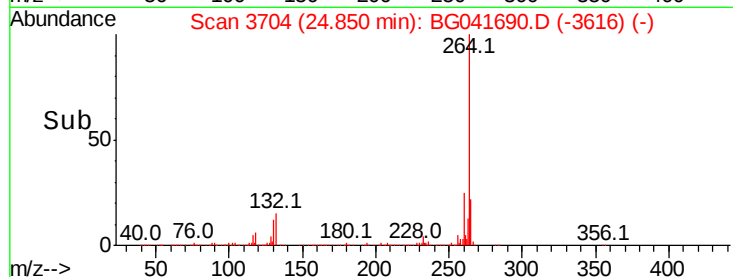
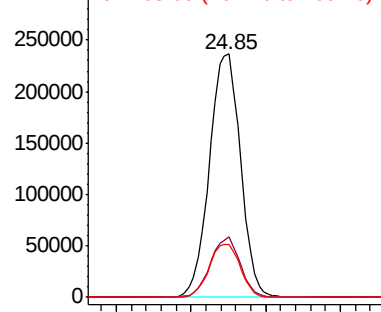


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.115 ng

RT: 23.83 min Scan# 3531

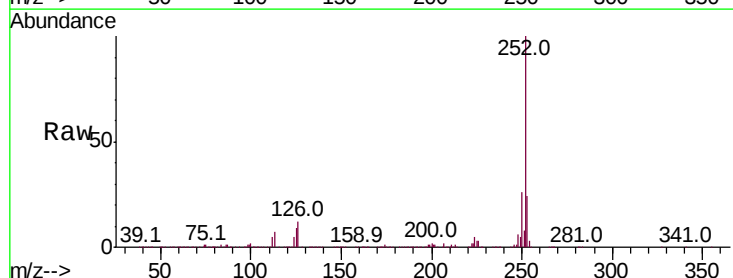
Delta R.T. -0.02 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Tgt Ion:252 Resp: 1706165

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.6	30.8
125	9.5	8.0	12.0

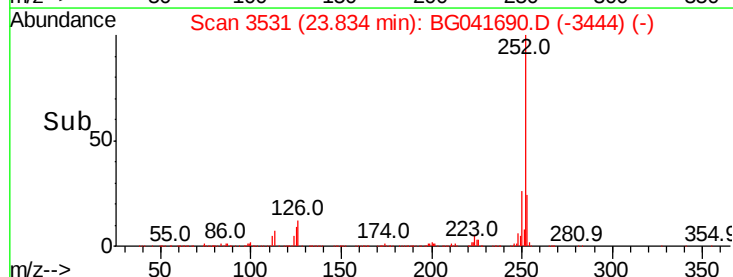
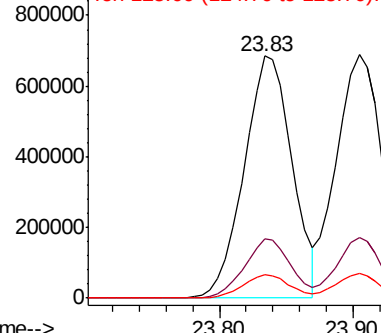


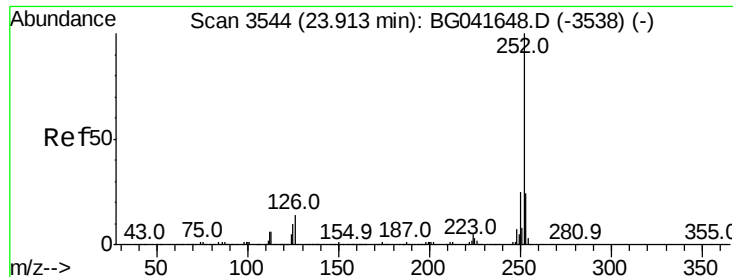
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.407 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

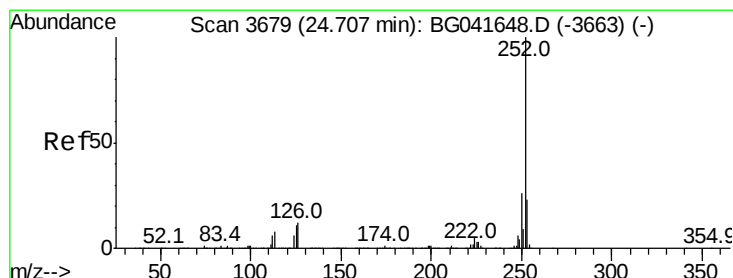
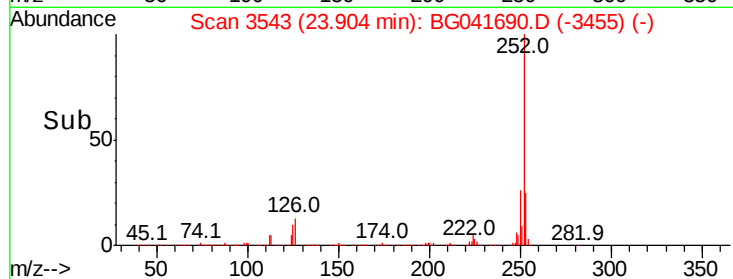
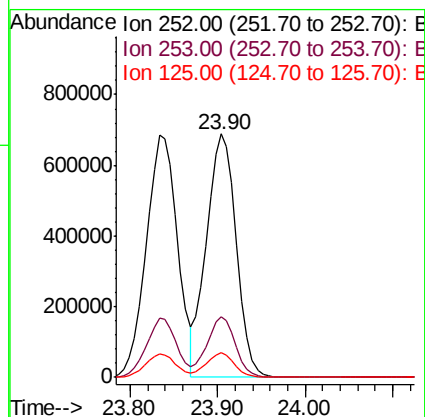
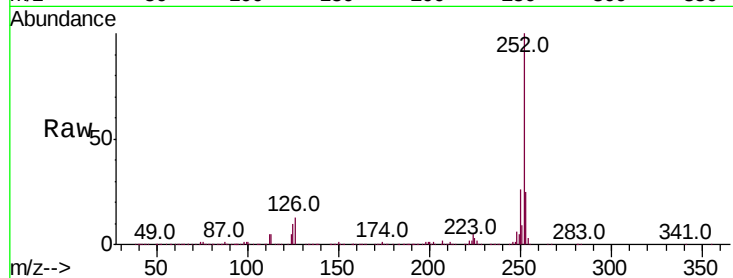
Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1630656

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.5	30.7
125	10.1	8.4	12.6



#90

Benzo(a)pyrene

Concen: 41.491 ng

RT: 24.70 min Scan# 3678

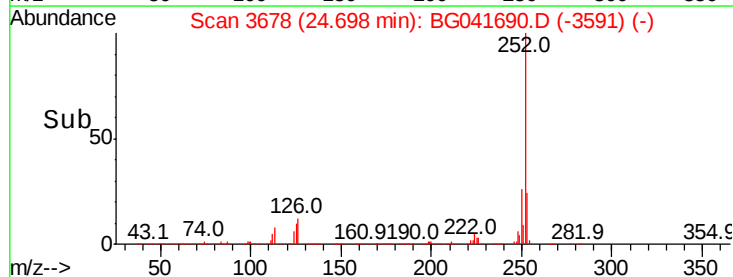
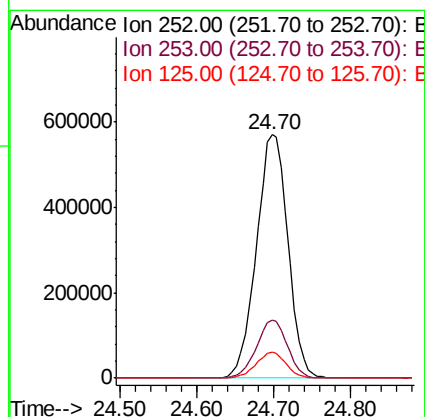
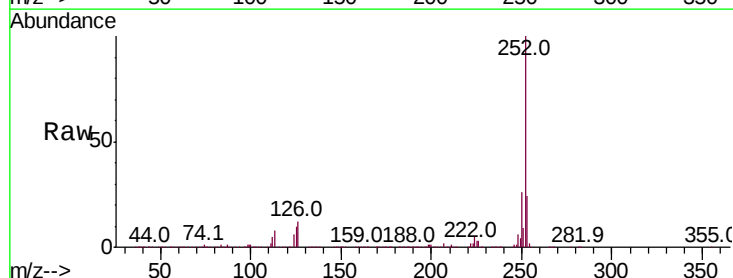
Delta R.T. -0.02 min

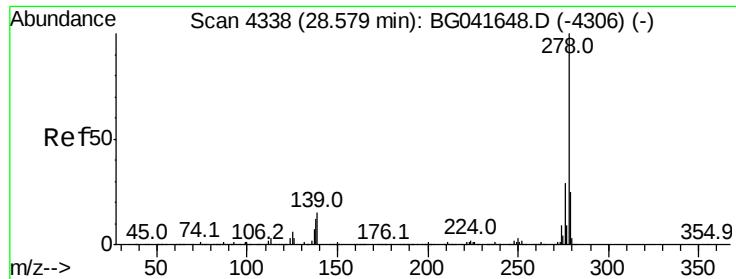
Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Tgt Ion:252 Resp: 1629028

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	10.4	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 41.289 ng

RT: 28.56 min Scan# 4336

Delta R.T. -0.03 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

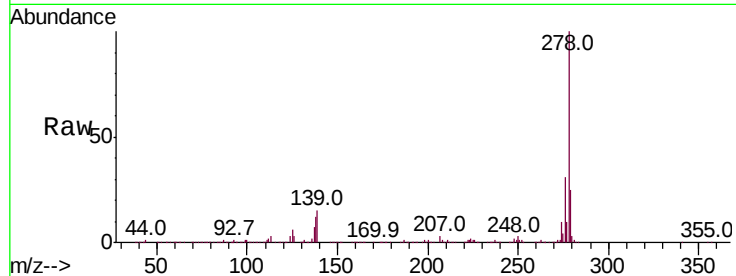
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1571801

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	19.0
279	25.5	20.5	30.7

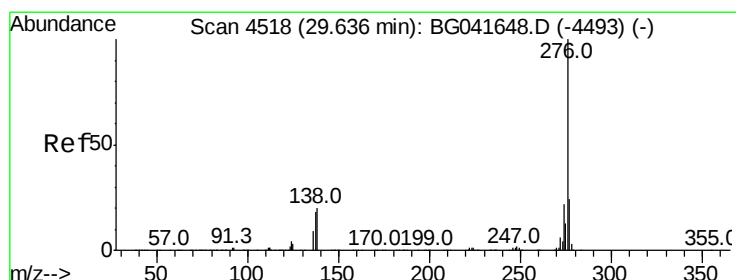
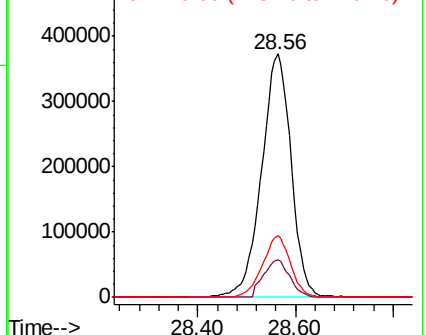
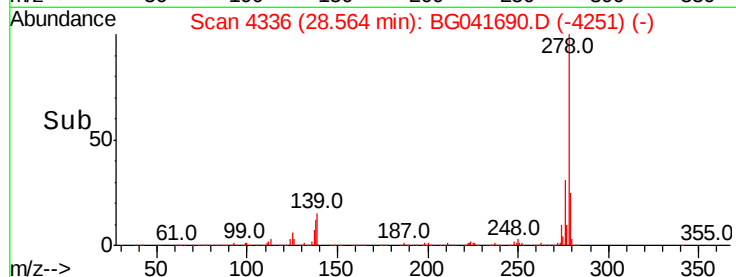


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.171 ng

RT: 29.64 min Scan# 4519

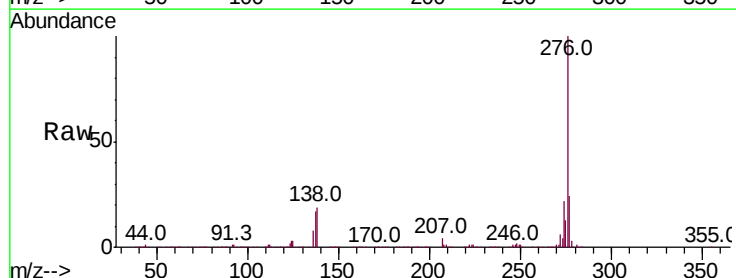
Delta R.T. -0.03 min

Lab File: BG041690.D

Acq: 17 Jul 2019 15:26

Tgt Ion:276 Resp: 1570642

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	18.9	16.6	25.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

