

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072319\
 Data File : BG041758.D
 Acq On : 23 Jul 2019 16:33
 Operator : HP/JU
 Sample : K3934-11MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Jul 24 01:12:47 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	99791	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	380461	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	262554	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	582090	20.00	ng	0.00
76) Chrysene-d12	21.65	240	608139	20.00	ng	0.00
87) Perylene-d12	24.84	264	718274	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	719636	117.89	ng	0.00
7) Phenol-d6	7.21	99	974269	118.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	592335	94.68	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	467064	157.85	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1296451	76.46	ng	0.00
79) Terphenyl-d14	20.00	244	2069401	79.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	79309	27.355	ng	95
3) Pyridine	3.89	79	204033	26.364	ng	96
4) n-Nitrosodimethylamine	3.80	42	113923	31.876	ng	95
6) Aniline	7.36	93	227176	20.587	ng	99
8) 2-Chlorophenol	7.61	128	267727	38.741	ng	95
9) Benzaldehyde	7.18	77	166570	31.074	ng	92
10) Phenol	7.23	94	330019	38.150	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	243576	34.864	ng	98
12) 1,3-Dichlorobenzene	7.93	146	301034	36.507	ng	99
13) 1,4-Dichlorobenzene	8.08	146	303273	36.725	ng	97
14) 1,2-Dichlorobenzene	8.40	146	289980	37.245	ng	97
15) Benzyl Alcohol	8.27	79	232227	35.527	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	441312	30.484	ng	97
17) 2-Methylphenol	8.48	107	228326	38.166	ng	99
18) Hexachloroethane	9.13	117	109740	36.282	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	207292	34.542	ng	94
20) 3+4-Methylphenols	8.80	107	314277	38.336	ng	98
22) Acetophenone	8.86	105	390653	42.158	ng	# 94
24) Nitrobenzene	9.24	77	286961	42.048	ng	99
25) Isophorone	9.77	82	536480	39.162	ng	# 99
26) 2-Nitrophenol	9.96	139	156243	49.721	ng	97
27) 2,4-Dimethylphenol	10.01	122	251604	46.420	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	327665	38.808	ng	99
29) 2,4-Dichlorophenol	10.49	162	290542	47.015	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	320284	44.141	ng	99
31) Naphthalene	10.90	128	820638	43.812	ng	98
32) Benzoic acid	10.01	122	251604	59.500	ng	# 14
33) 4-Chloroaniline	11.00	127	194653	22.529	ng	97
34) Hexachlorobutadiene	11.19	225	210165	45.065	ng	98
35) Caprolactam	11.76	113	90577	39.877	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	283908	43.854	ng	99
37) 2-Methylnaphthalene	12.50	142	613794	42.891	ng	100
38) 1-Methylnaphthalene	12.72	142	581554	42.627	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	384185	42.718	ng	99

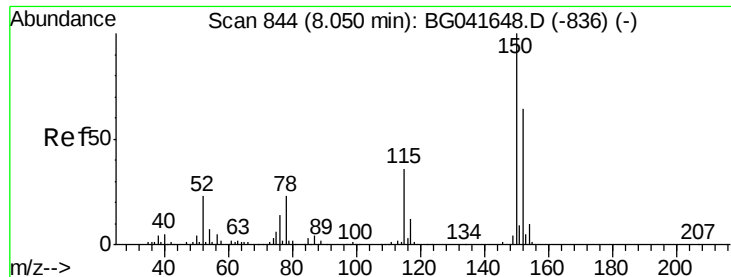
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072319\
 Data File : BG041758.D
 Acq On : 23 Jul 2019 16:33
 Operator : HP/JU
 Sample : K3934-11MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

Quant Time: Jul 24 01:12:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	362764	71.306	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	266059	45.530	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	287659	46.722	ng	96
46) 1,1'-Biphenyl	13.50	154	762847	38.782	ng	97
47) 2-Chloronaphthalene	13.55	162	631627	38.529	ng	98
48) 2-Nitroaniline	13.73	65	188231	39.436	ng	91
49) Acenaphthylene	14.39	152	981584	38.355	ng	98
50) Dimethylphthalate	14.12	163	990256	48.022	ng	99
51) 2,6-Dinitrotoluene	14.23	165	191017	43.672	ng	92
52) Acenaphthene	14.73	154	601246	37.281	ng	98
53) 3-Nitroaniline	14.55	138	139249	29.164	ng	# 92
54) 2,4-Dinitrophenol	14.76	184	37269	22.960	ng	# 87
55) Dibenzofuran	15.06	168	976785	40.362	ng	95
56) 4-Nitrophenol	14.86	139	353173	91.362	ng	97
57) 2,4-Dinitrotoluene	15.01	165	267823	46.322	ng	93
58) Fluorene	15.71	166	789745	40.105	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	281986	49.611	ng	94
60) Diethylphthalate	15.48	149	788313	37.948	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	460196	41.343	ng	97
62) 4-Nitroaniline	15.71	138	202386	39.967	ng	97
63) Azobenzene	15.99	77	665382	35.428	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	106428	39.834	ng	92
66) n-Nitrosodiphenylamine	15.91	169	742926	43.461	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	314284	45.377	ng	99
68) Hexachlorobenzene	16.71	284	319698	45.838	ng	93
69) Atrazine	16.85	200	294882	47.536	ng	98
70) Pentachlorophenol	17.05	266	409349	93.868	ng	99
71) Phenanthrene	17.44	178	1274767	43.486	ng	96
72) Anthracene	17.53	178	1308238	44.772	ng	97
73) Carbazole	17.79	167	1192440	44.002	ng	96
74) Di-n-butylphthalate	18.36	149	1318401	39.888	ng	97
75) Fluoranthene	19.44	202	1553111	43.148	ng	95
77) Benzidine	19.61	184	626386	26.811	ng	98
78) Pyrene	19.80	202	1587205	38.590	ng	95
80) Butylbenzylphthalate	20.68	149	636901	37.264	ng	94
81) Benzo(a)anthracene	21.63	228	1601950	40.770	ng	97
82) 3,3'-Dichlorobenzidine	21.54	252	452222	29.248	ng	98
83) Chrysene	21.69	228	1533180	40.835	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	908957	37.666	ng	97
85) Di-n-octyl phthalate	22.75	149	1570552	38.217	ng	# 94
86) Indeno(1,2,3-cd)pyrene	28.49	276	2072170	41.828	ng	# 90
88) Benzo(b)fluoranthene	23.83	252	1728253	39.667	ng	97
89) Benzo(k)fluoranthene	23.90	252	1710124	42.360	ng	98
90) Benzo(a)pyrene	24.70	252	1739148	42.190	ng	# 97
91) Dibenzo(a,h)anthracene	28.56	278	1684581	42.148	ng	# 96
92) Benzo(g,h,i)perylene	29.63	276	1707639	42.634	ng	# 95

(#) = 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: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

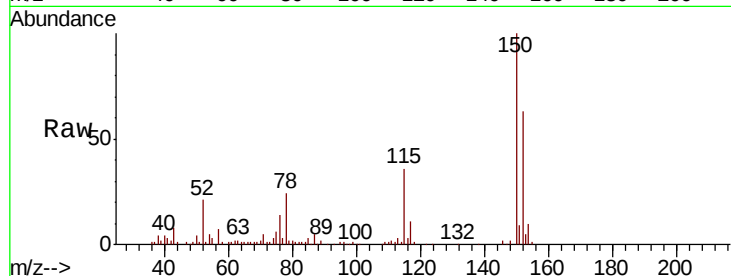
Tgt Ion:152 Resp: 99791

Ion Ratio Lower Upper

152 100

150 159.9 126.9 190.3

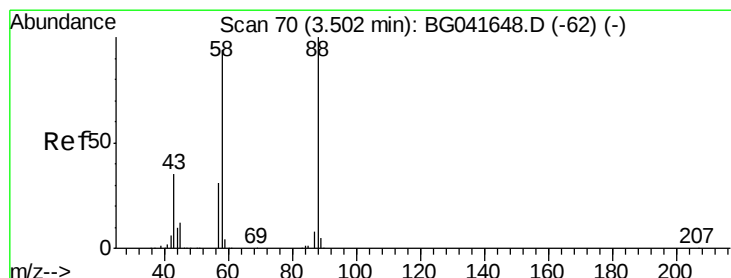
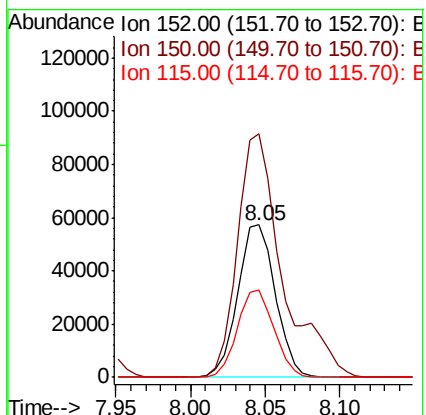
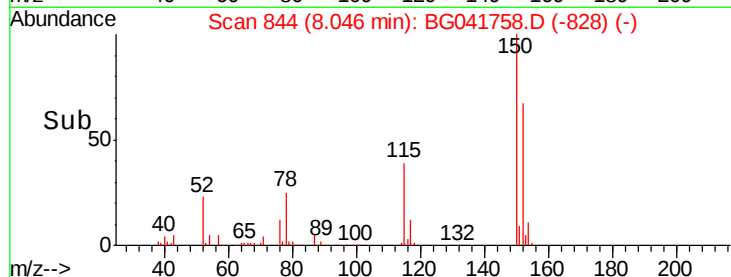
115 57.7 45.0 67.6



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: 27.355 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

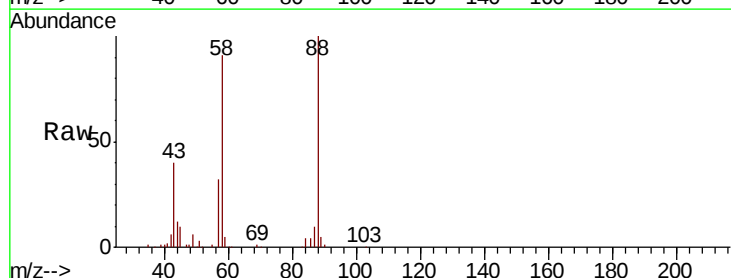
Tgt Ion: 88 Resp: 79309

Ion Ratio Lower Upper

88 100

58 91.8 76.2 114.2

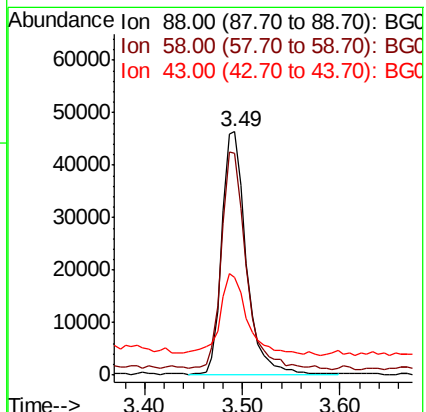
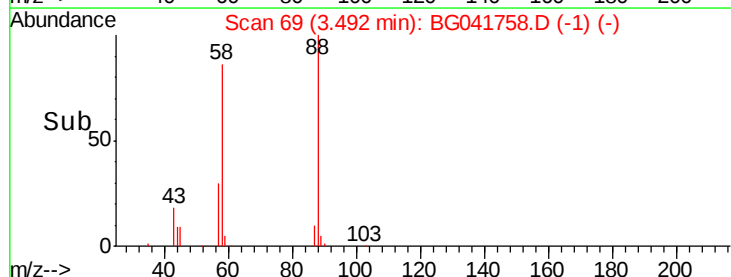
43 39.2 27.2 40.8

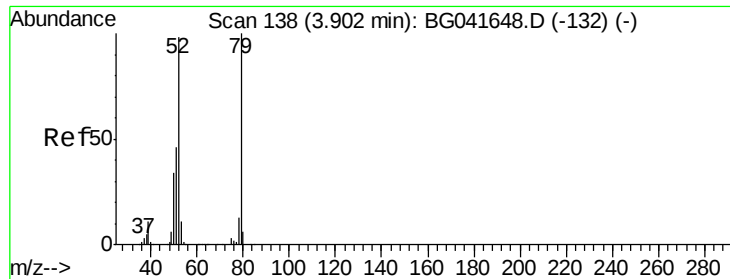


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.364 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

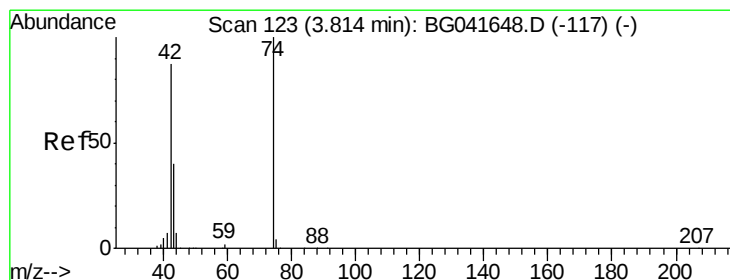
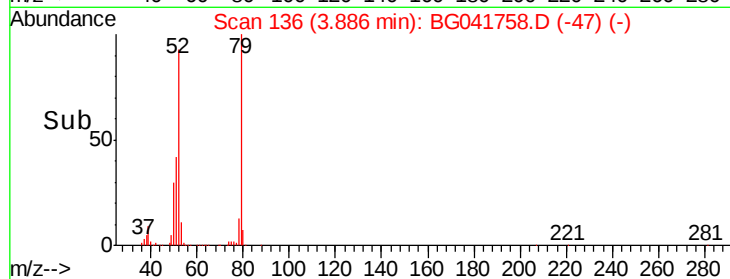
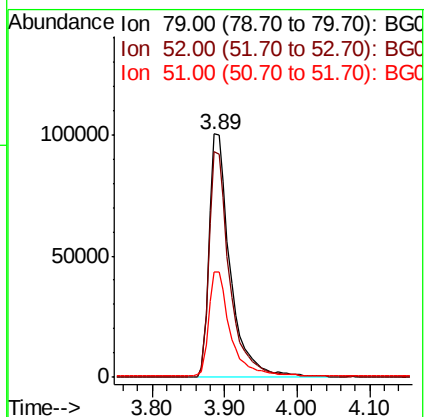
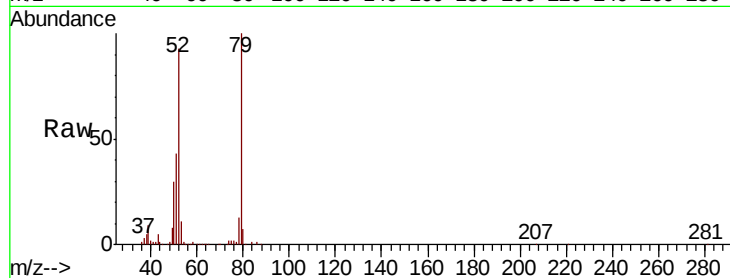
Tgt Ion: 79 Resp: 204033

Ion Ratio Lower Upper

79 100

52 92.7 77.1 115.7

51 43.3 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 31.876 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

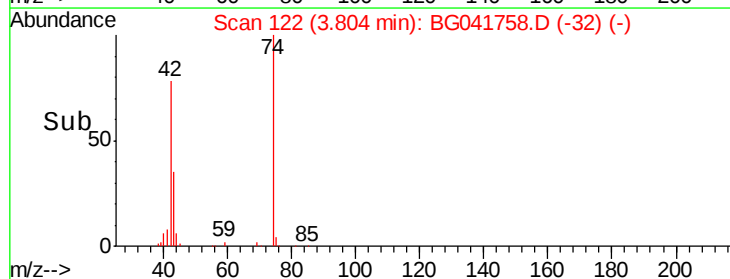
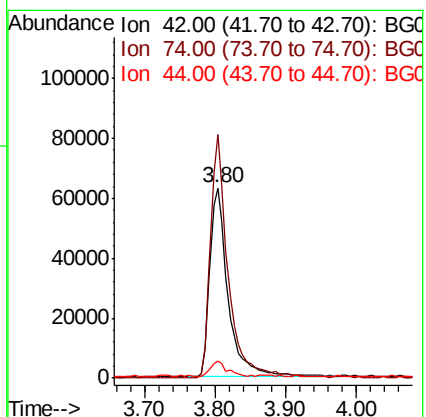
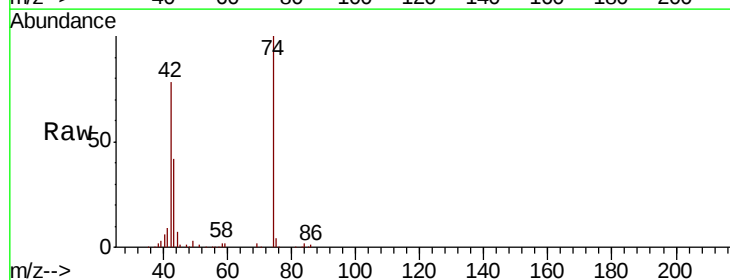
Tgt Ion: 42 Resp: 113923

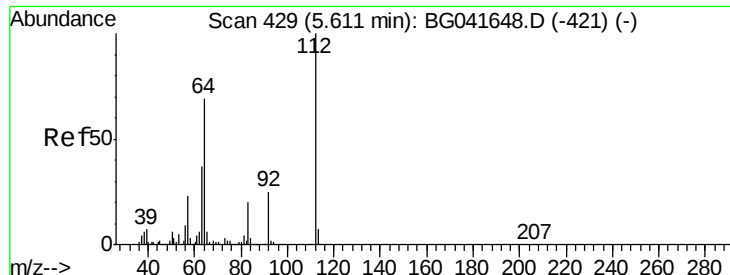
Ion Ratio Lower Upper

42 100

74 127.9 97.4 146.2

44 9.1 6.6 9.8





#5

2-Fluorophenol

Concen: 117.889 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

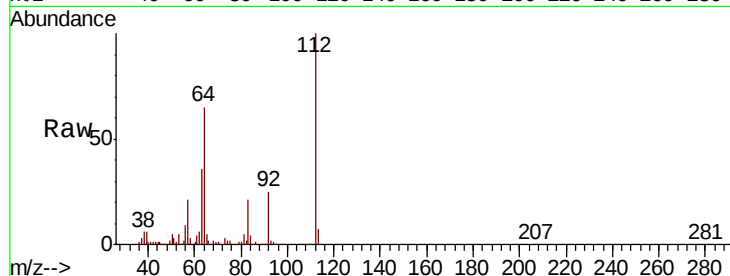
Tgt Ion: 112 Resp: 719636

Ion Ratio Lower Upper

112 100

64 65.1 55.4 83.2

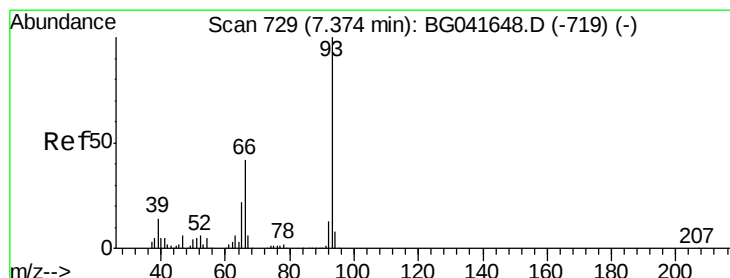
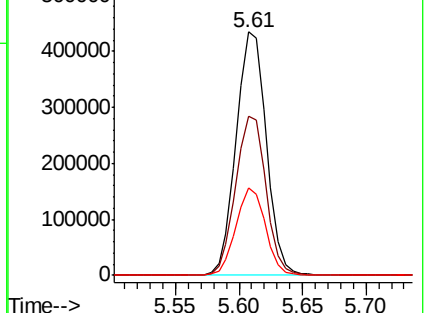
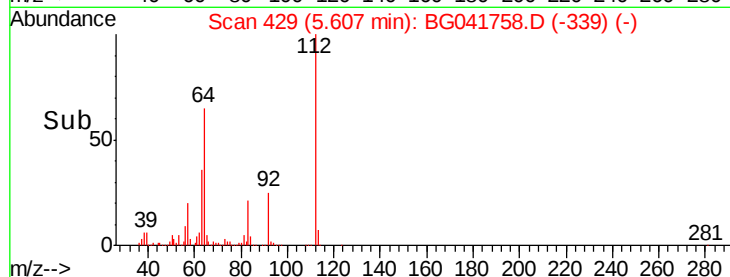
63 36.1 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.587 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

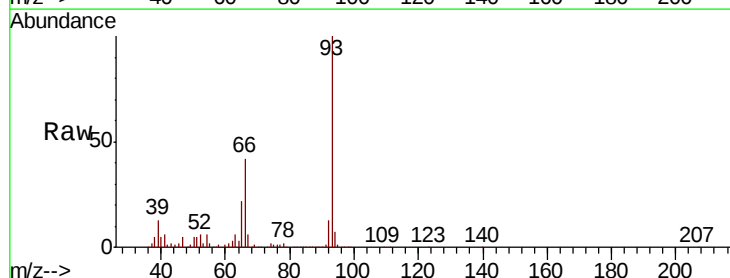
Tgt Ion: 93 Resp: 227176

Ion Ratio Lower Upper

93 100

66 42.1 34.2 51.2

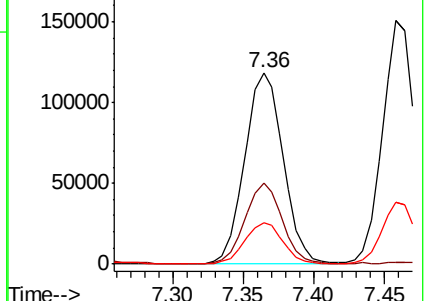
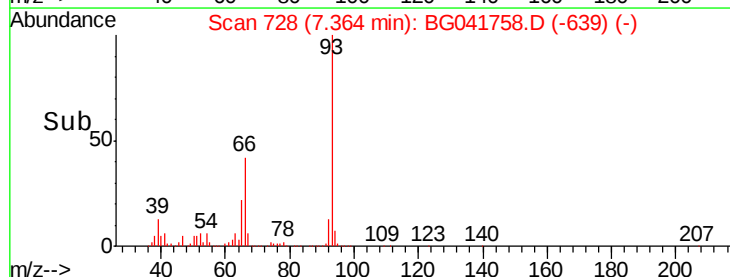
65 21.7 18.2 27.2

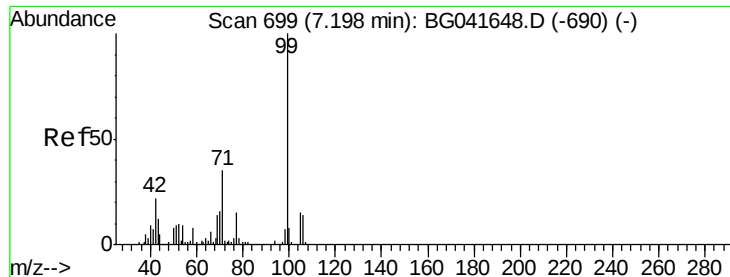


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.659 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

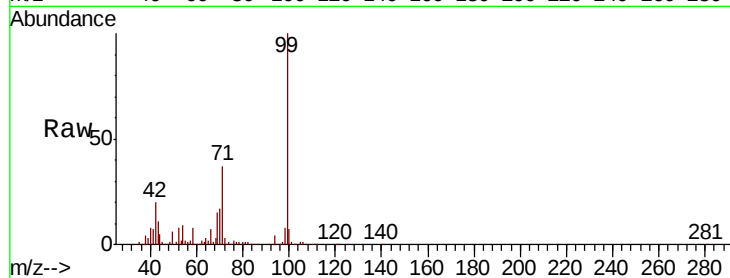
Tgt Ion: 99 Resp: 974269

Ion Ratio Lower Upper

99 100

42 20.4 17.6 26.4

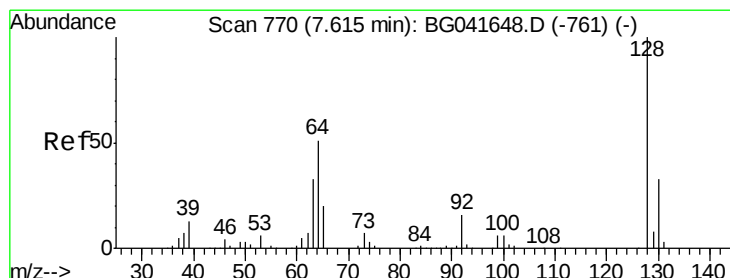
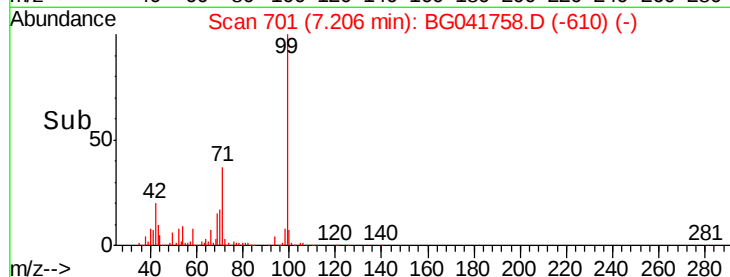
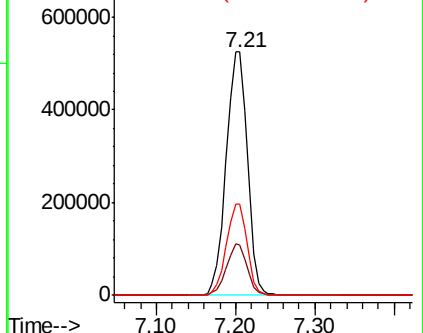
71 37.3 27.8 41.6



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: 38.741 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

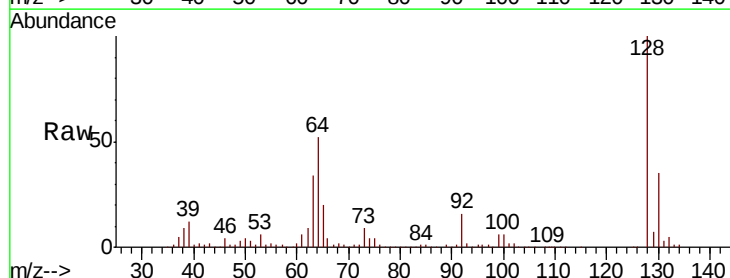
Tgt Ion: 128 Resp: 267727

Ion Ratio Lower Upper

128 100

130 35.0 12.4 52.4

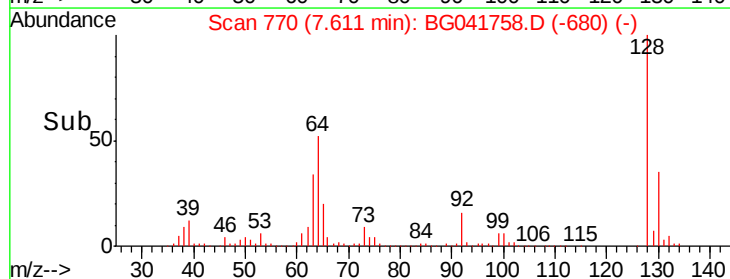
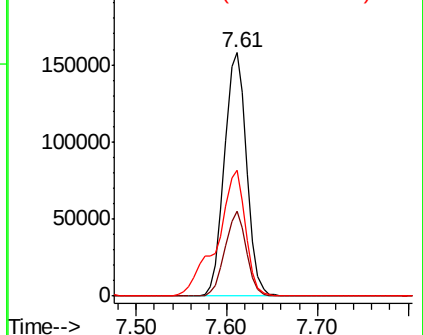
64 51.6 34.9 74.9

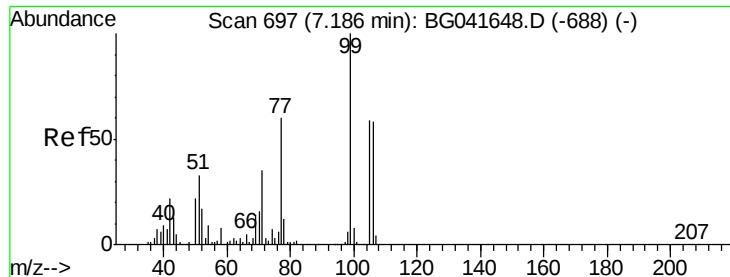


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.074 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

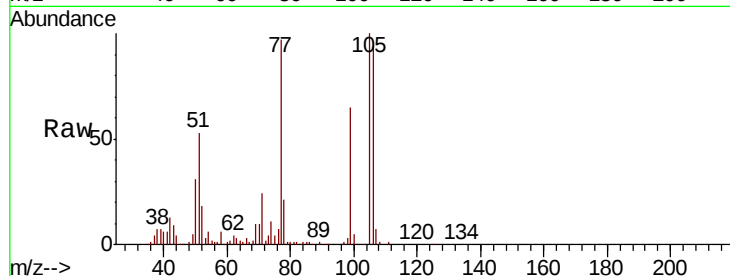
Tgt Ion: 77 Resp: 166570

Ion Ratio Lower Upper

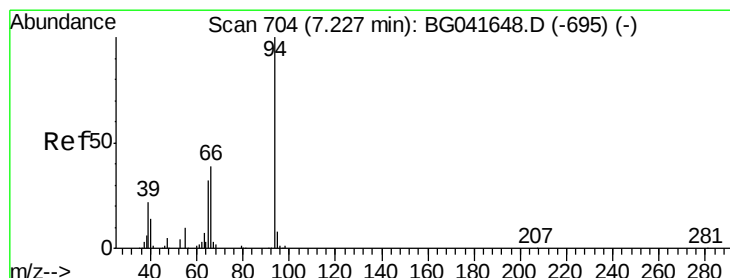
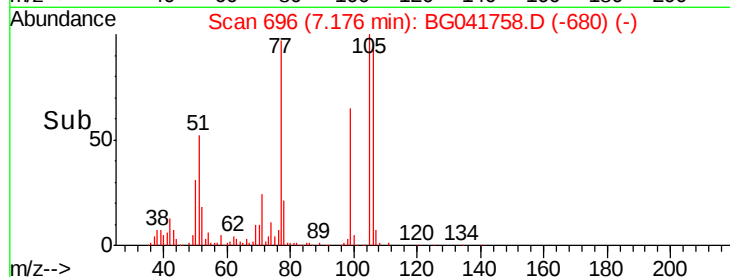
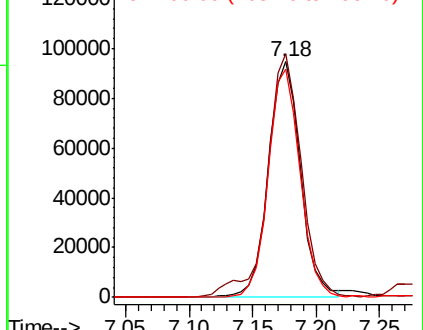
77 100

105 103.3 74.6 114.6

106 96.8 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: 38.150 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

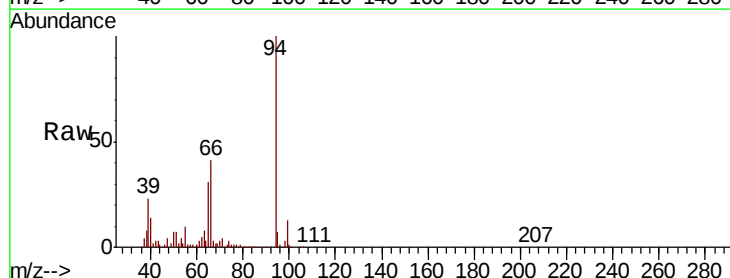
Tgt Ion: 94 Resp: 330019

Ion Ratio Lower Upper

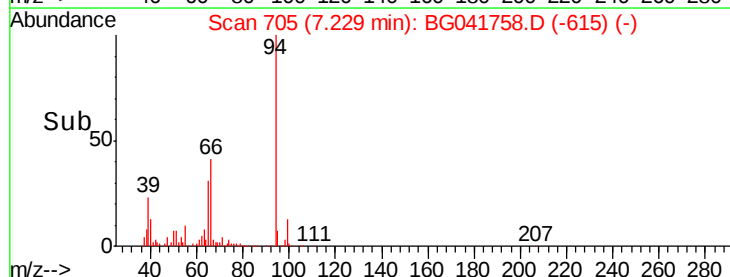
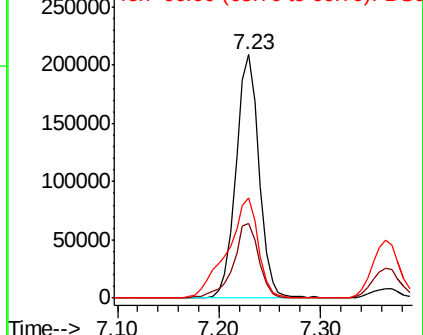
94 100

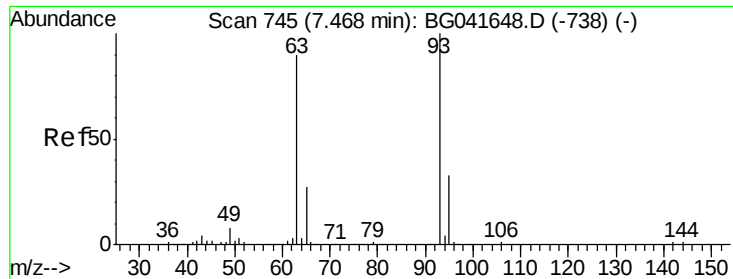
65 30.7 10.6 50.6

66 41.3 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

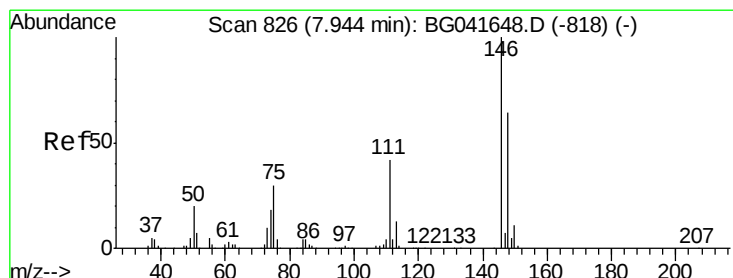
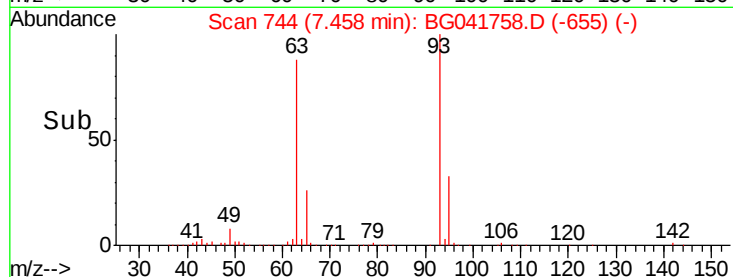
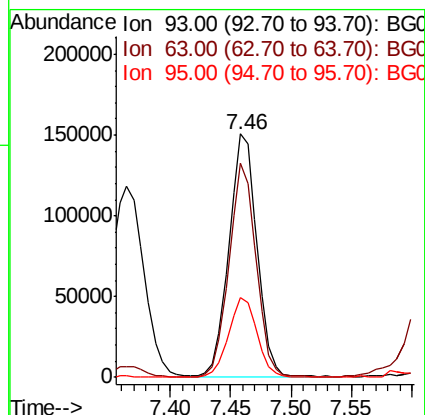
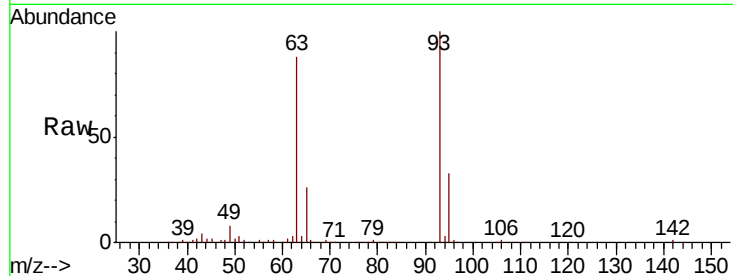




#11
bis(2-Chloroethyl)ether
Concen: 34.864 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

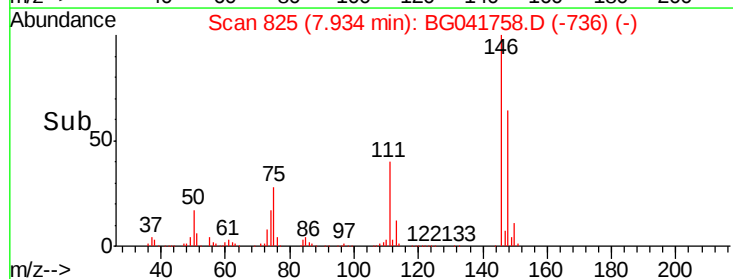
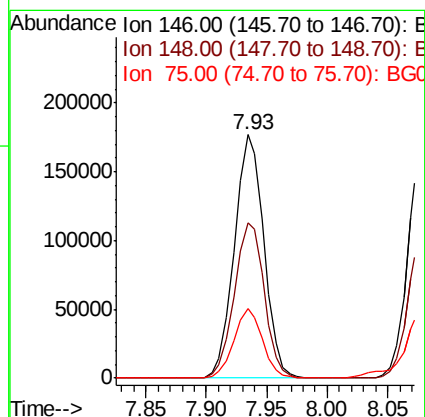
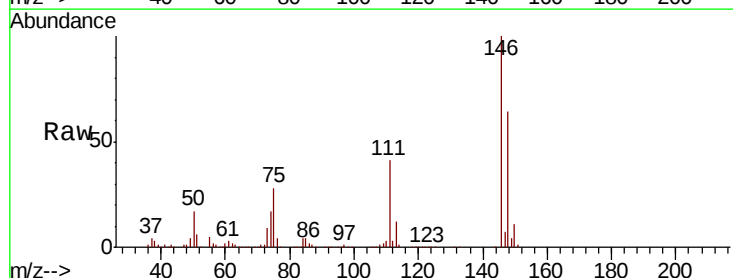
Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

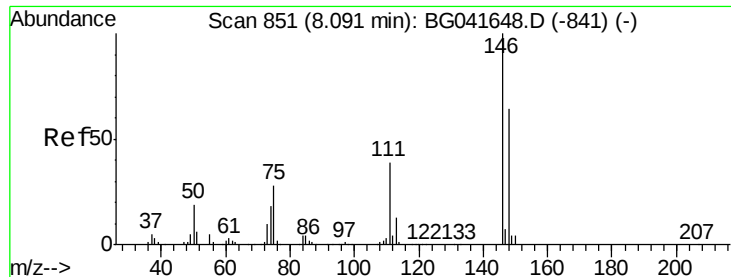
Tgt Ion: 93 Resp: 243576
Ion Ratio Lower Upper
93 100
63 87.9 70.4 110.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.507 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion: 146 Resp: 301034
Ion Ratio Lower Upper
146 100
148 63.7 51.5 77.3
75 28.5 23.2 34.8

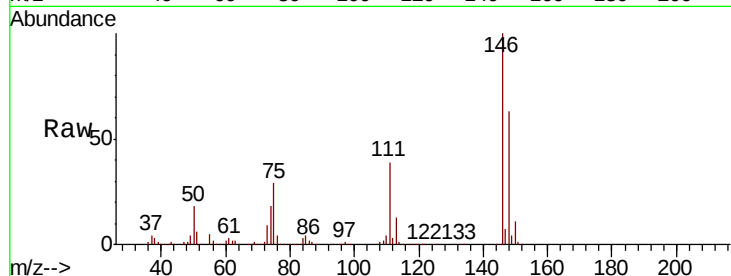




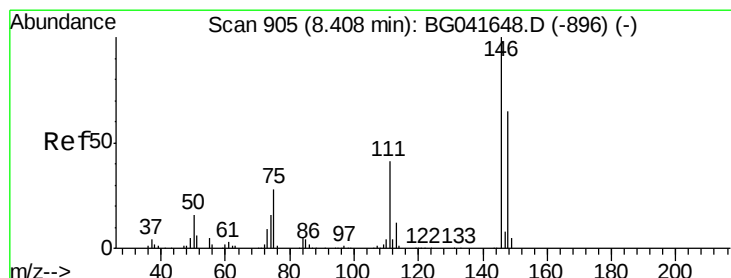
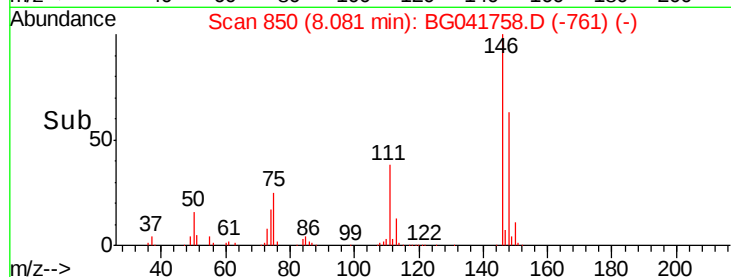
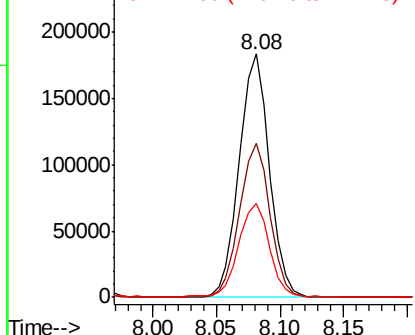
#13
 1,4-Dichlorobenzene
 Concen: 36.725 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleID :
 TP-1SMSD

Tgt Ion:146 Resp: 303273
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.6 79.0
 111 38.5 32.5 48.7

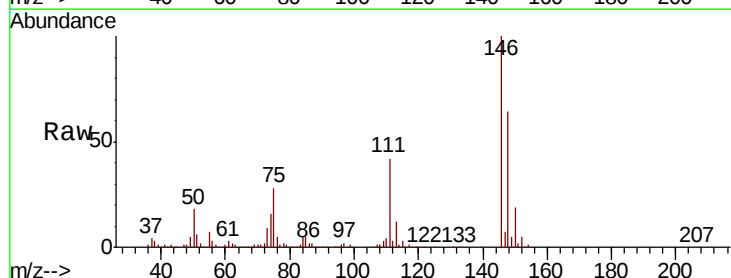


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

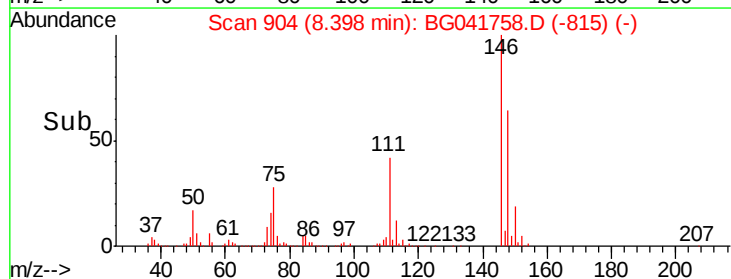
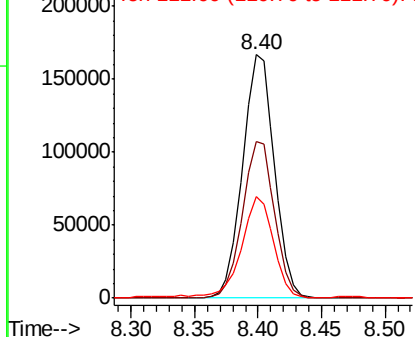


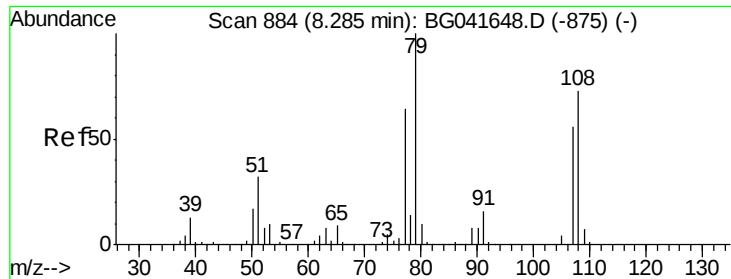
#14
 1,2-Dichlorobenzene
 Concen: 37.245 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion:146 Resp: 289980
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.5 80.3
 111 41.8 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: 35.527 ng

RT: 8.27 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

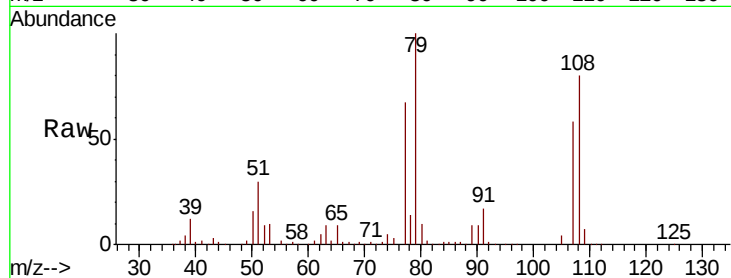
Tgt Ion: 79 Resp: 232227

Ion Ratio Lower Upper

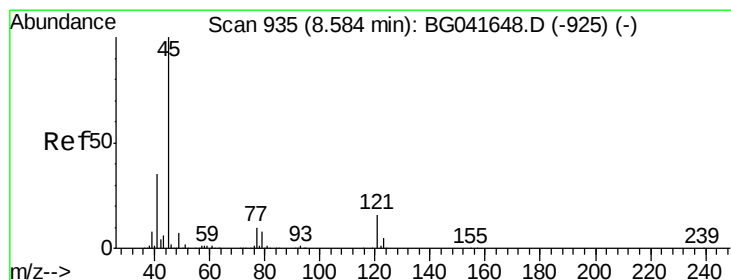
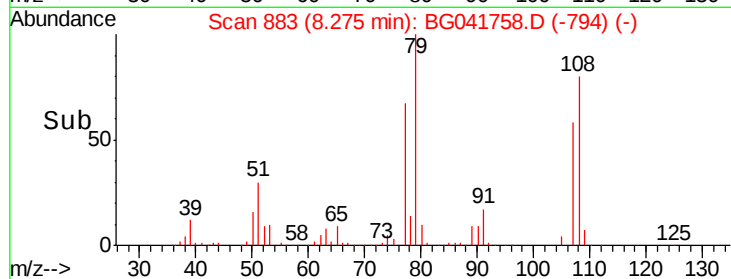
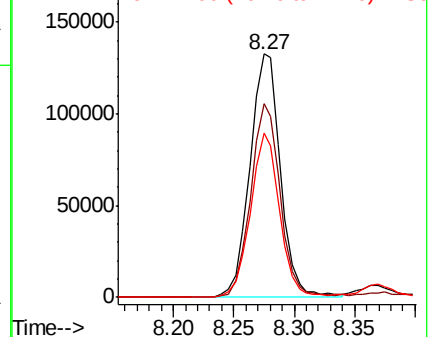
79 100

108 79.6 60.5 90.7

77 67.2 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: 30.484 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

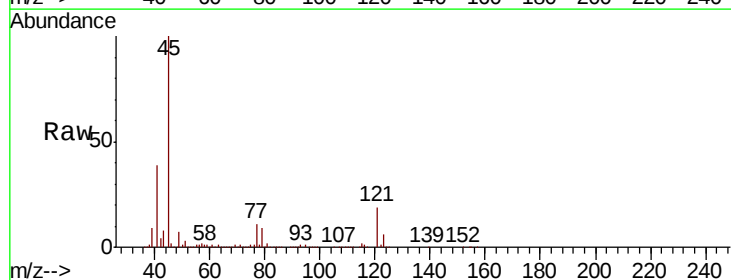
Tgt Ion: 45 Resp: 441312

Ion Ratio Lower Upper

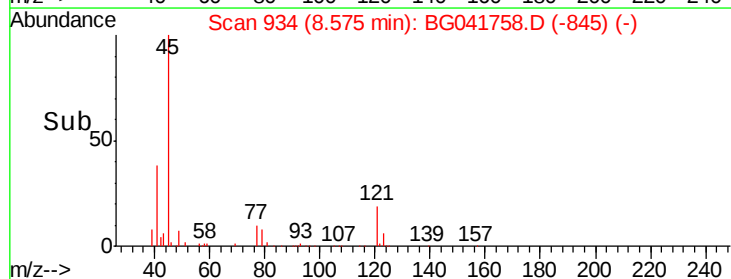
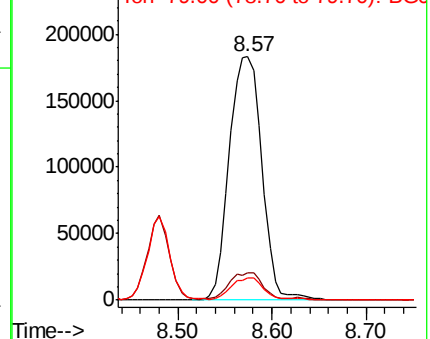
45 100

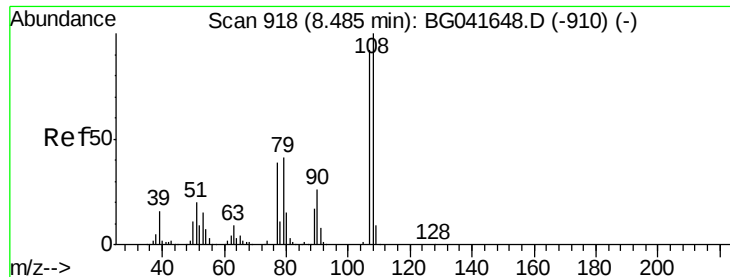
77 11.4 0.0 30.4

79 9.1 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: 38.166 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

Tgt Ion:107 Resp: 228326

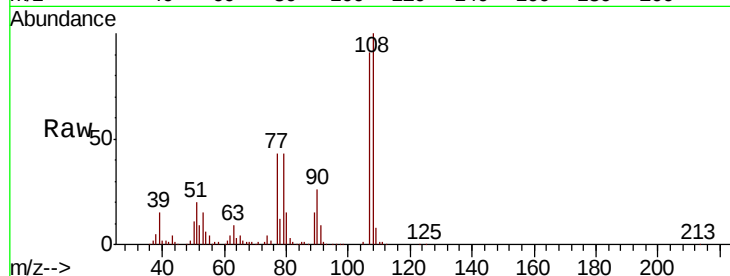
Ion Ratio Lower Upper

107 100

108 109.7 87.6 131.4

77 47.4 36.1 54.1

79 47.2 36.4 54.6

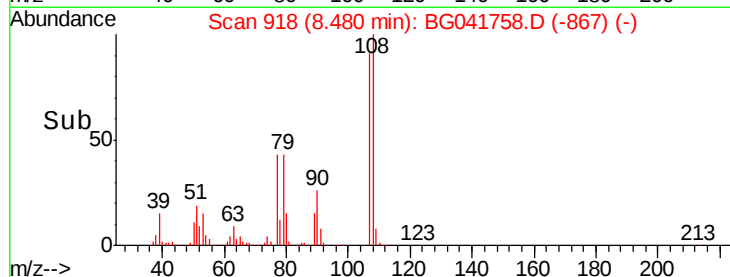


Abundance Ion 107.00 (106.70 to 107.70): E

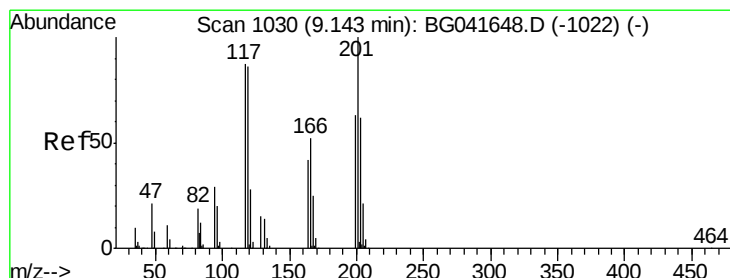
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#18

Hexachloroethane

Concen: 36.282 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

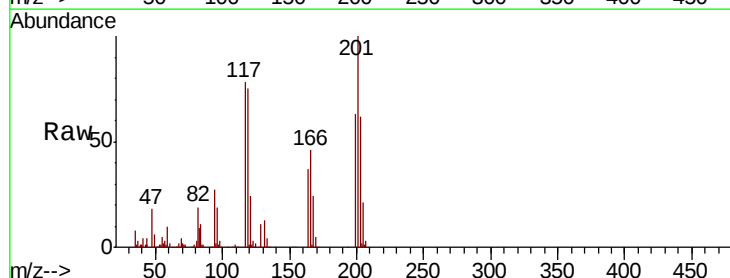
Tgt Ion:117 Resp: 109740

Ion Ratio Lower Upper

117 100

119 96.2 76.2 114.2

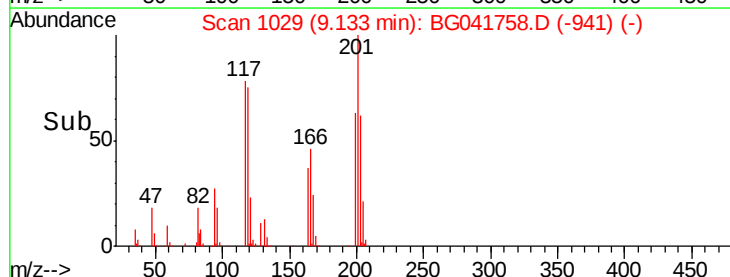
201 127.8 94.1 141.1



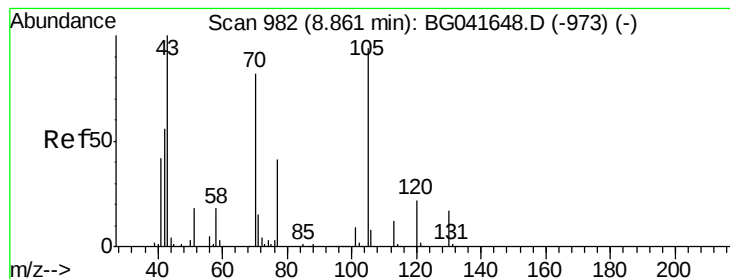
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 34.542 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

Tgt Ion: 70 Resp: 207292

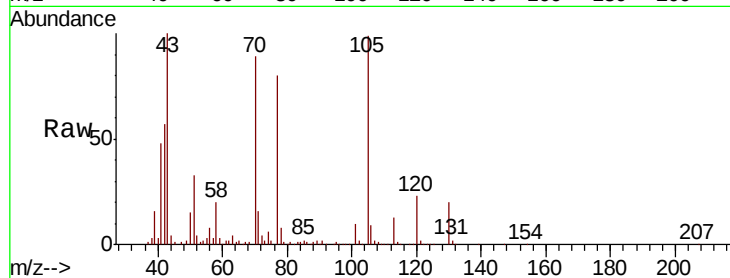
Ion Ratio Lower Upper

70 100

42 64.0 55.8 83.6

101 10.7 8.1 12.1

130 23.0 17.3 25.9

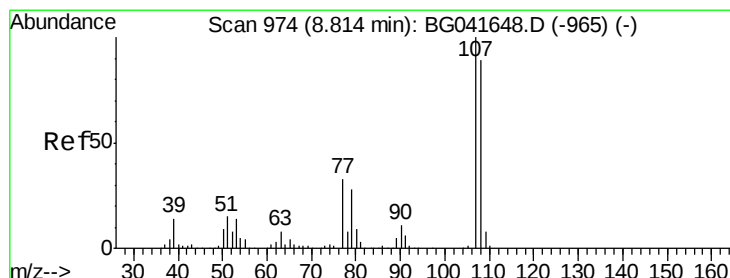
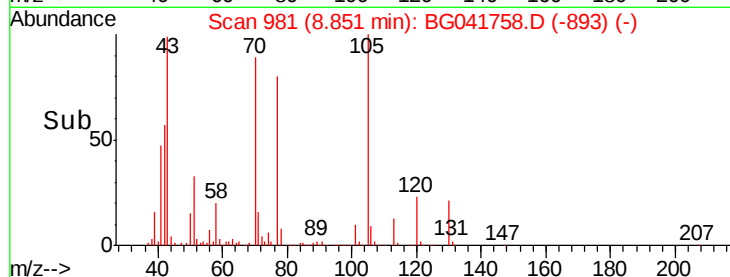
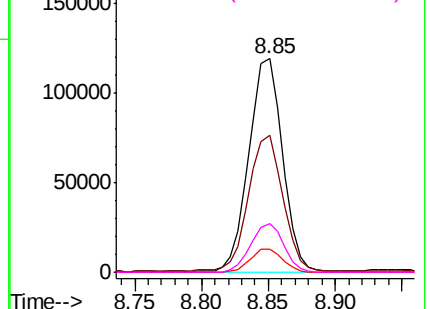


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 38.336 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion: 107 Resp: 314277

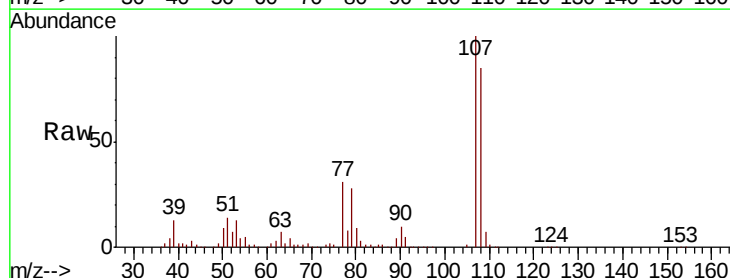
Ion Ratio Lower Upper

107 100

108 84.6 67.5 107.5

77 31.1 12.3 52.3

79 28.0 8.3 48.3

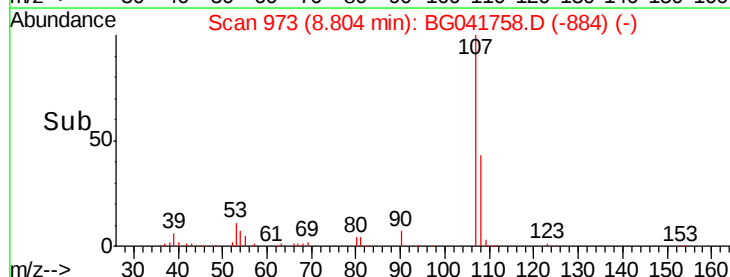
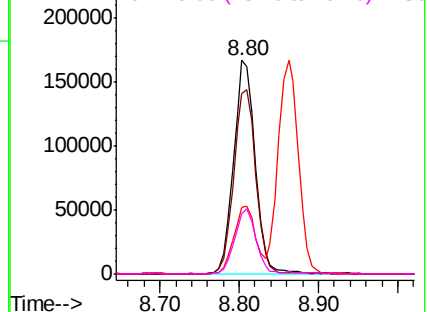


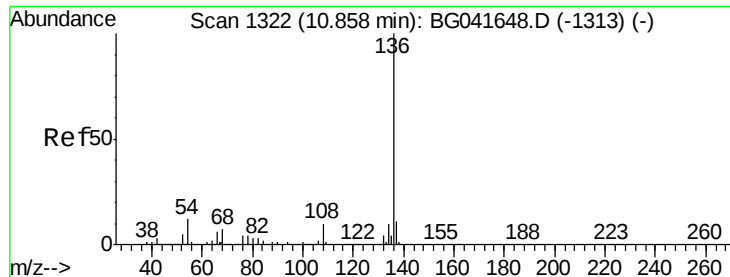
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

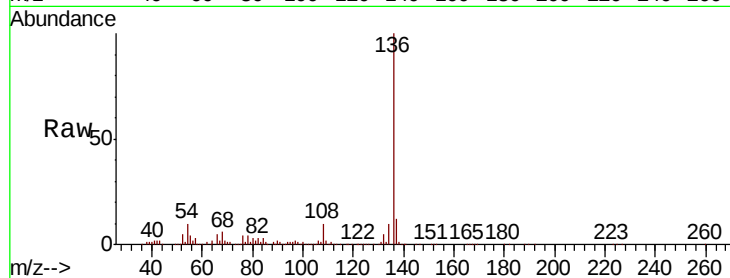




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tgt Ion:	136	Resp:	380461
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	9.6	8.7	13.1
68	5.6	5.5	8.3



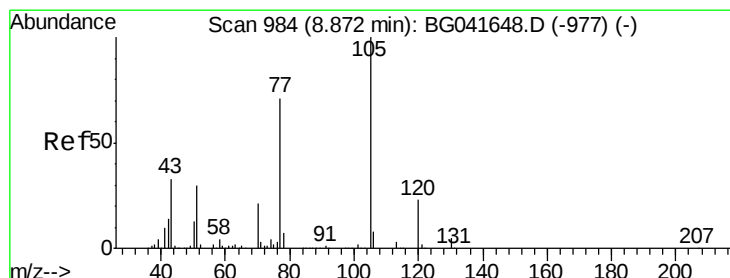
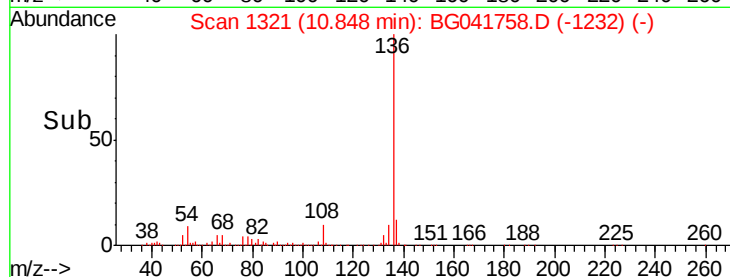
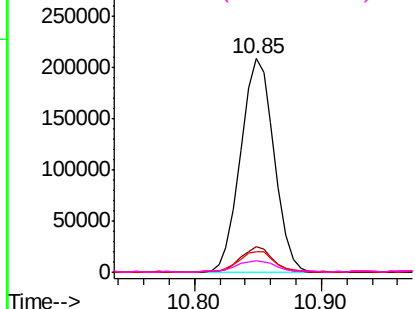
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

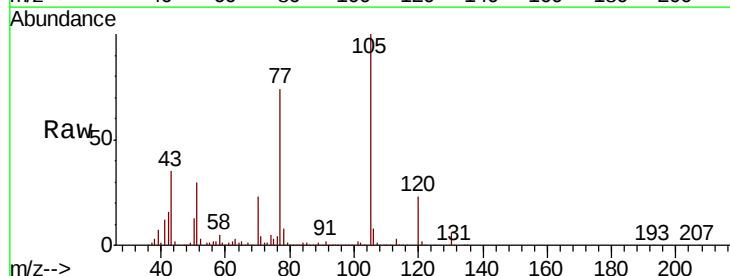
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.158 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:	105	Resp:	390653
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.9	8.9#
51	30.0	27.7	41.5
120	23.4	19.3	28.9



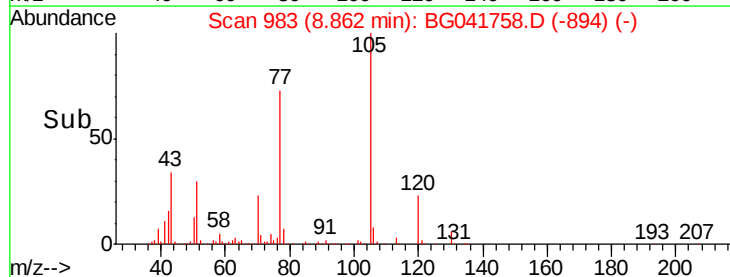
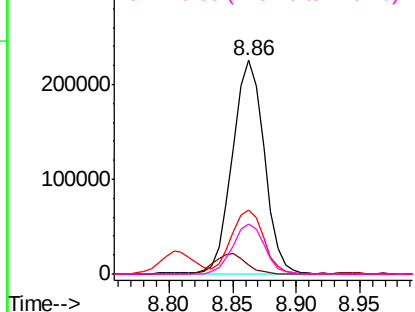
Abundance

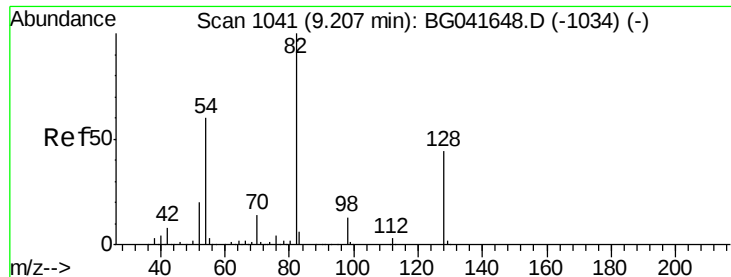
Ion 105.00 (104.70 to 105.70): E

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

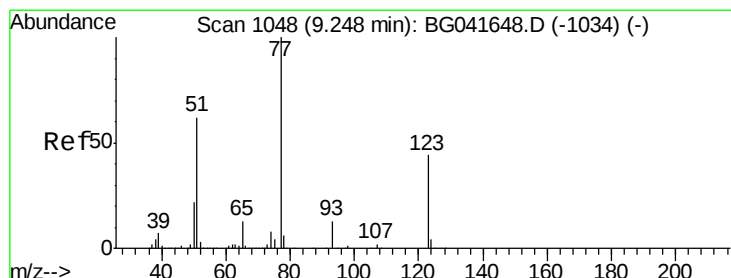
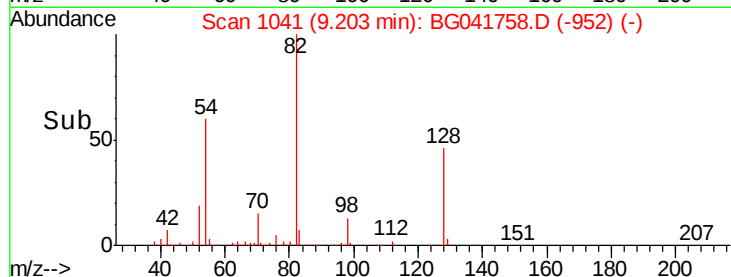
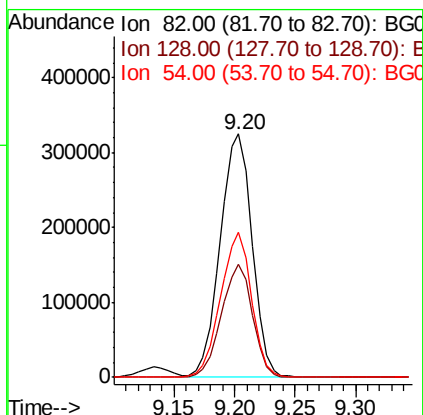
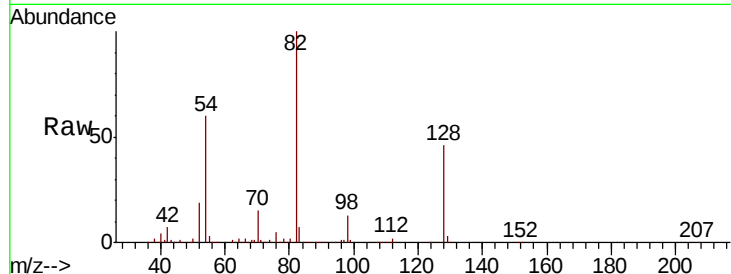




#23
 Nitrobenzene-d5
 Concen: 94.682 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

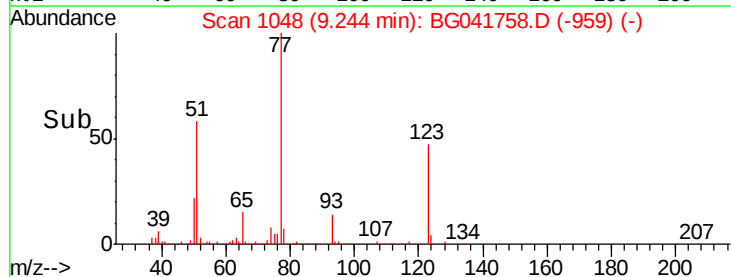
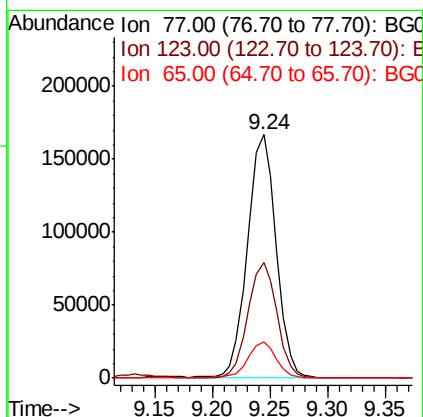
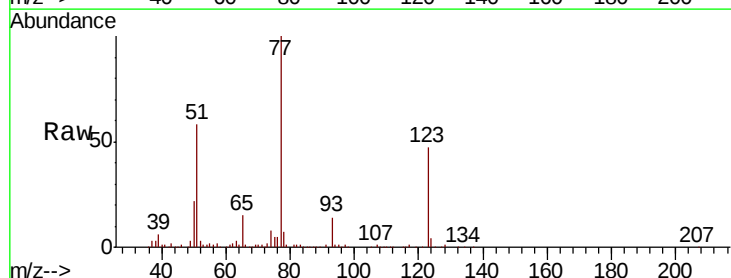
Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

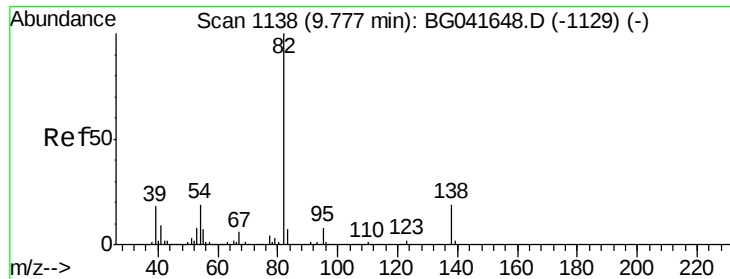
Tgt Ion: 82 Resp: 592335
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.1 52.7
 54 59.5 48.7 73.1



#24
 Nitrobenzene
 Concen: 42.048 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion: 77 Resp: 286961
 Ion Ratio Lower Upper
 77 100
 123 47.5 38.1 57.1
 65 14.6 11.0 16.6

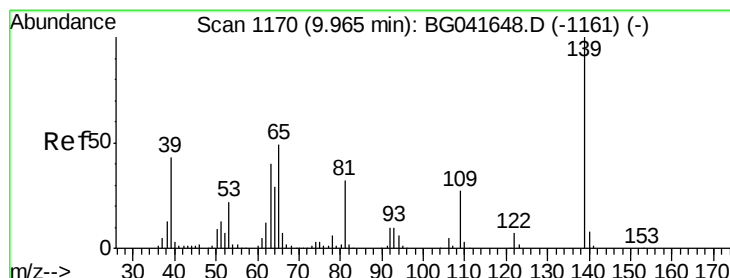
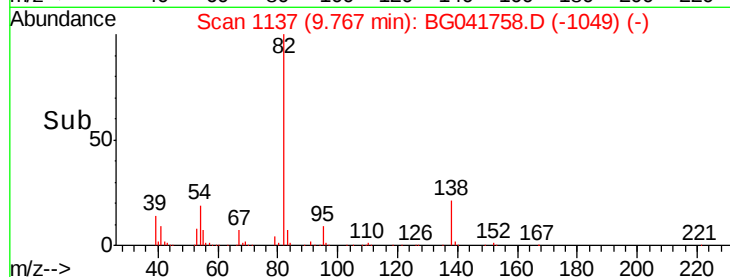
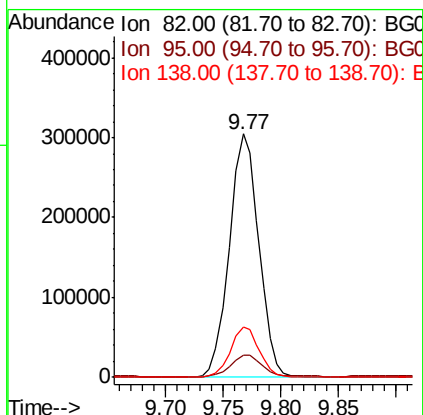
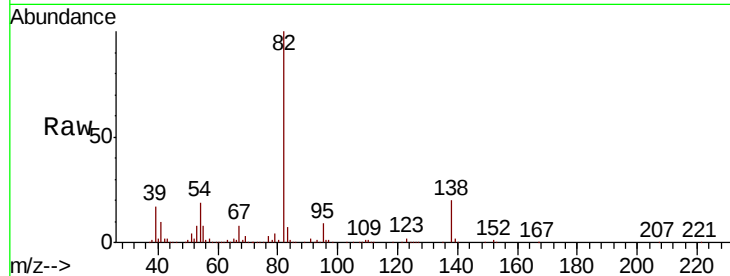




#25
Isophorone
Concen: 39.162 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

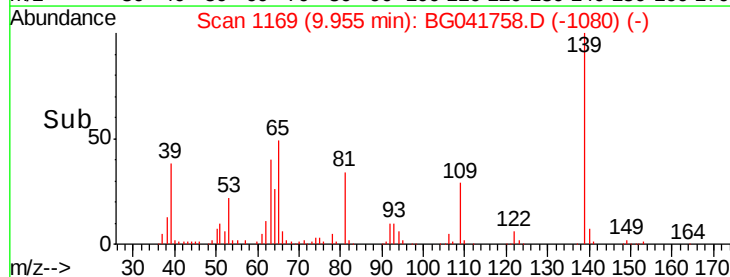
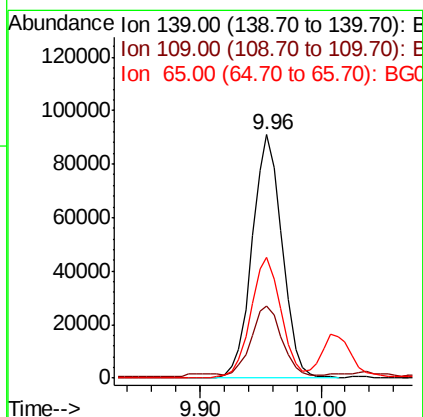
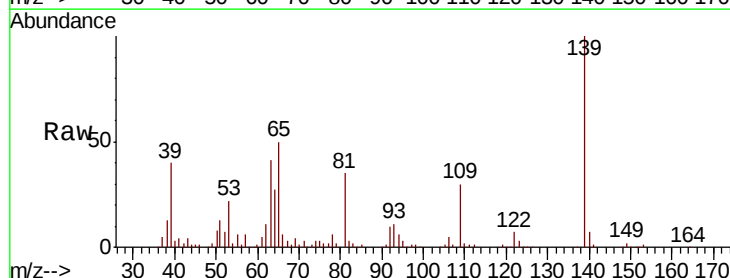
Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

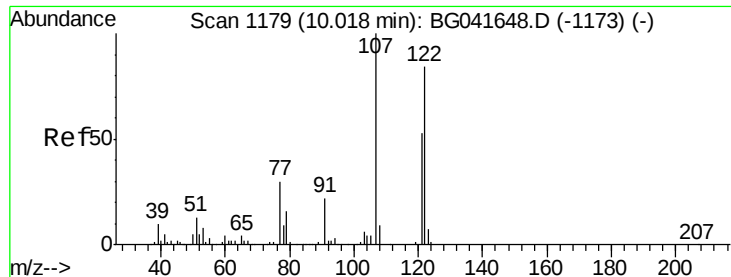
Tgt Ion: 82 Resp: 536480
Ion Ratio Lower Upper
82 100
95 9.1 5.9 8.9#
138 20.5 16.3 24.5



#26
2-Nitrophenol
Concen: 49.721 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion: 139 Resp: 156243
Ion Ratio Lower Upper
139 100
109 29.8 22.7 34.1
65 49.6 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 46.420 ng

RT: 10.01 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

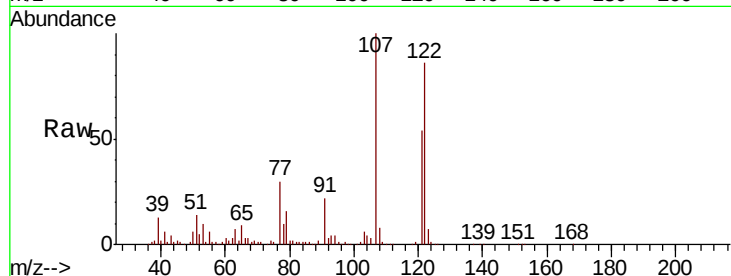
Tgt Ion:122 Resp: 251604

Ion Ratio Lower Upper

122 100

107 116.8 91.3 136.9

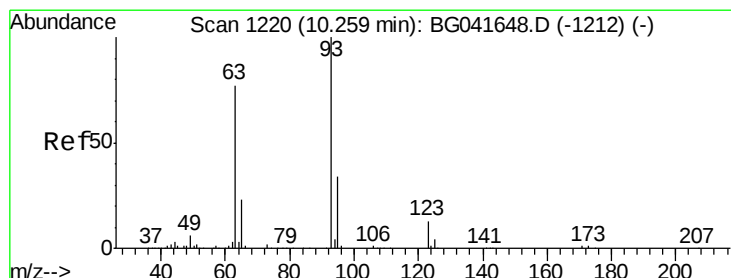
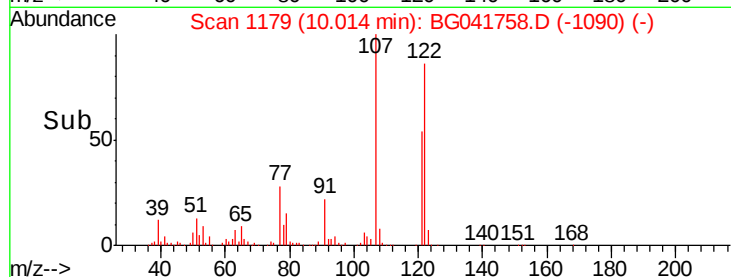
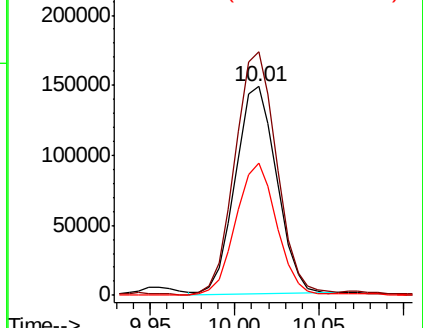
121 63.2 49.2 73.8



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: 38.808 ng

RT: 10.25 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

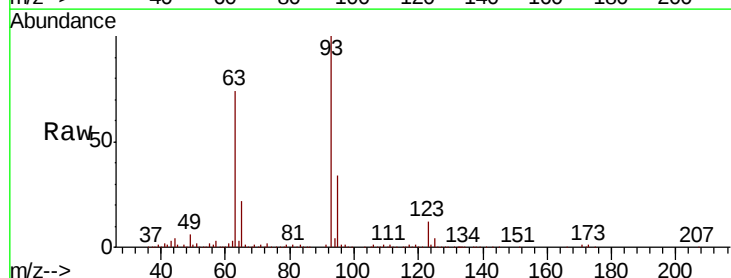
Tgt Ion: 93 Resp: 327665

Ion Ratio Lower Upper

93 100

95 33.9 26.2 39.4

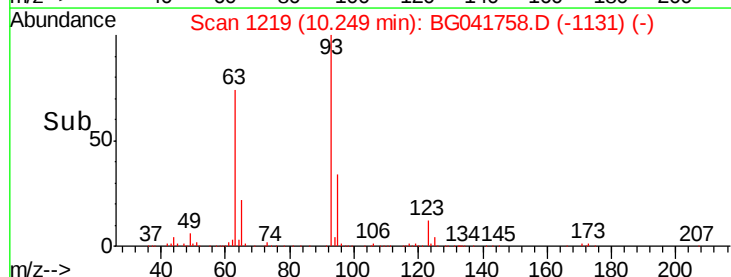
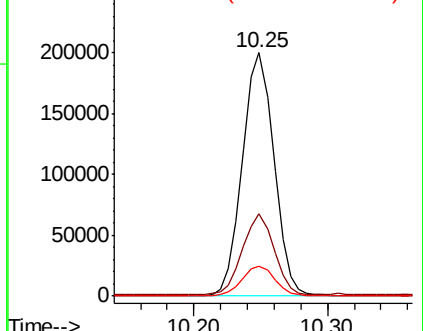
123 12.4 9.9 14.9

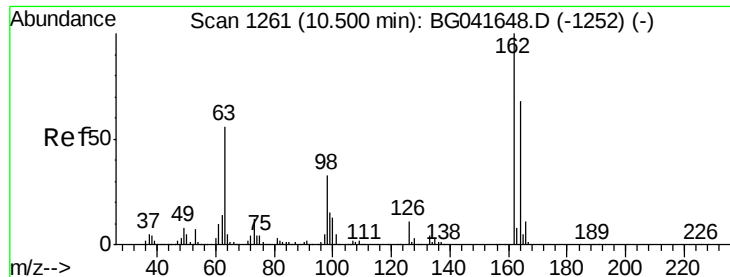


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

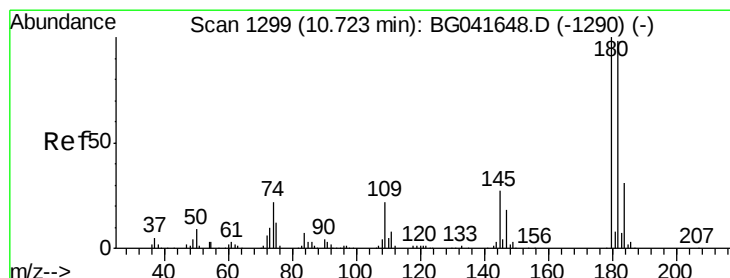
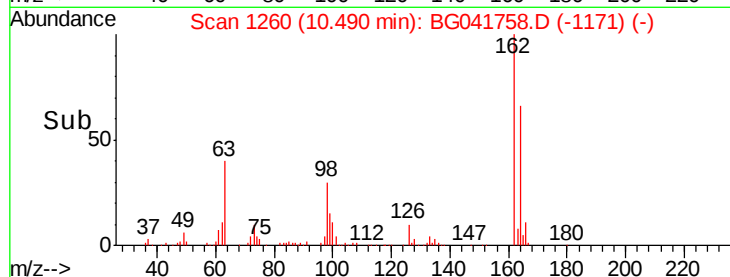
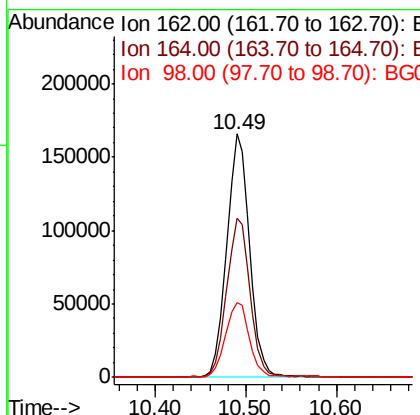
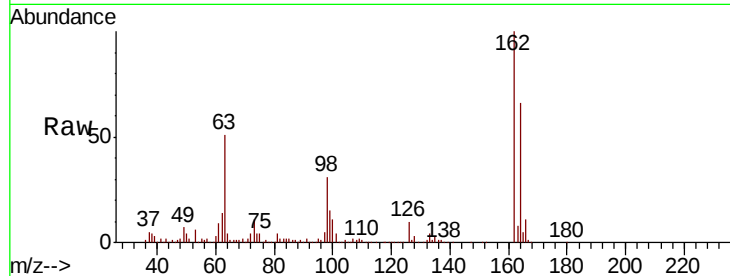




#29
 2,4-Dichlorophenol
 Concen: 47.015 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

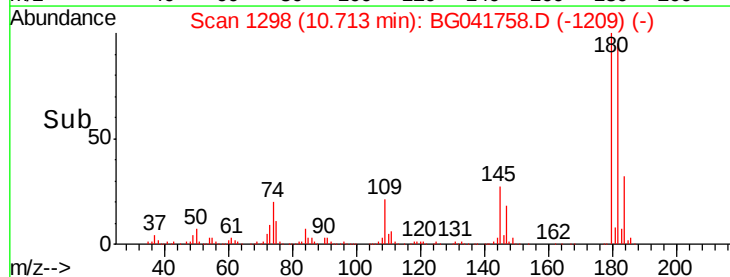
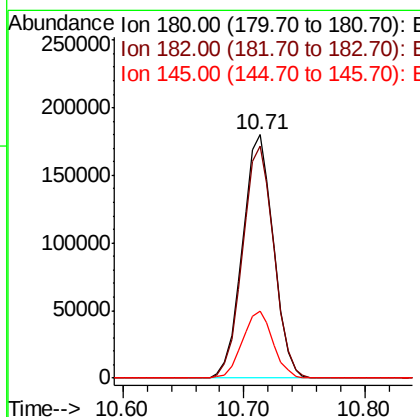
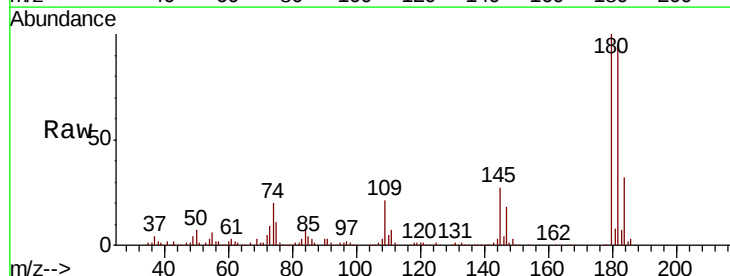
Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

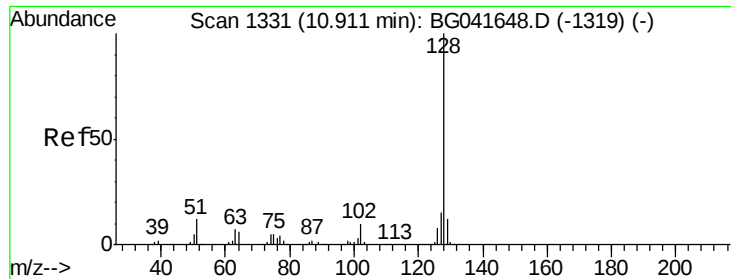
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	46.1	86.1
98	30.7	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 44.141 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	27.3	23.8	35.8

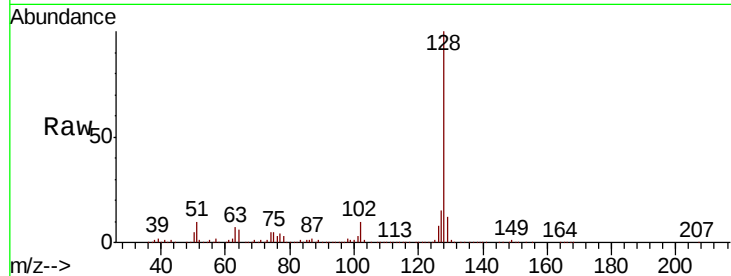




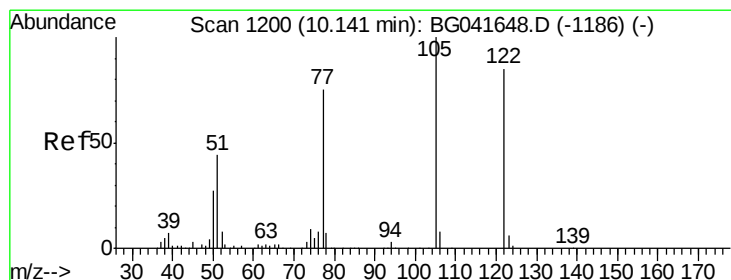
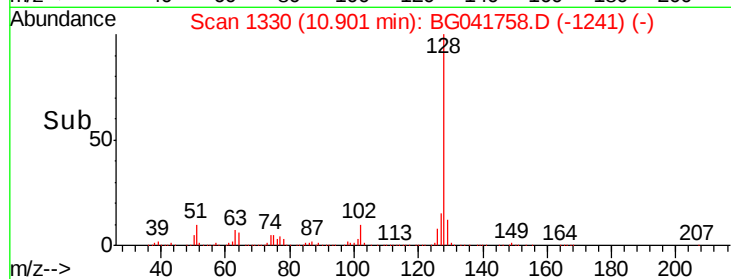
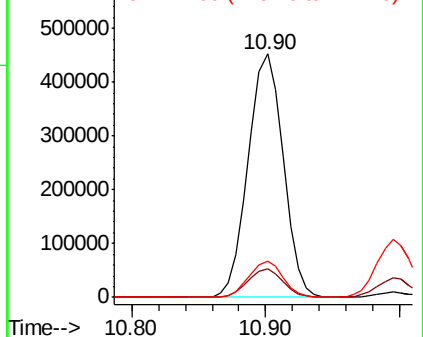
#31
Naphthalene
Concen: 43.812 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tgt Ion:128 Resp: 820638
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 14.8 12.3 18.5

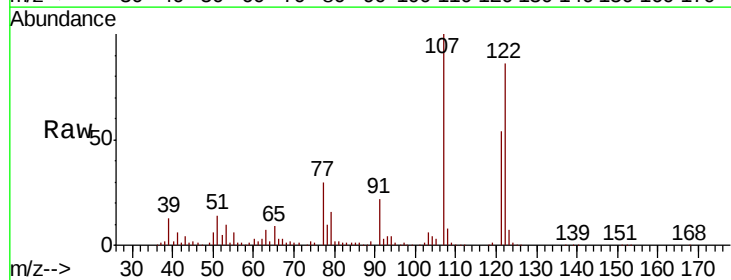


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

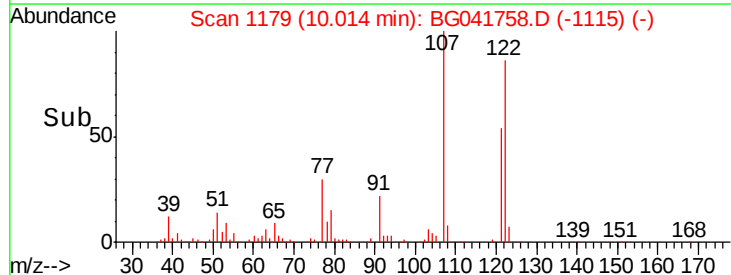
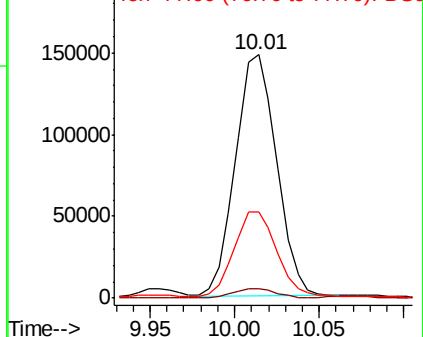


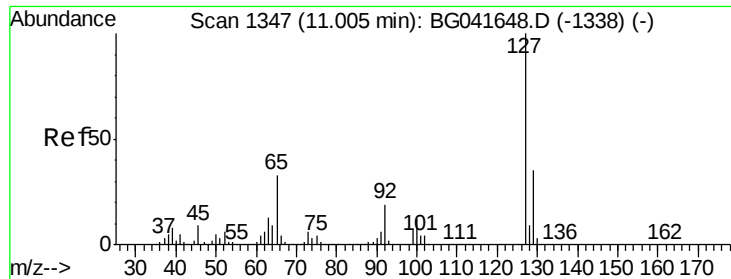
#32
Benzoic acid
Concen: 59.500 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.16 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:122 Resp: 251604
Ion Ratio Lower Upper
122 100
105 3.8 101.5 141.5#
77 35.3 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): BGC

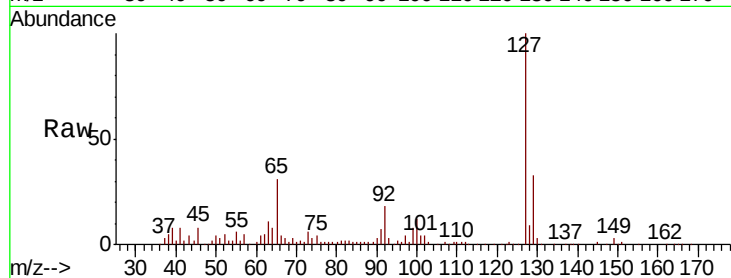




#33
4-Chloroaniline
Concen: 22.529 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tgt Ion:	127	Resp:	194653
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	31.3	26.7	40.1
92	17.5	15.4	23.0



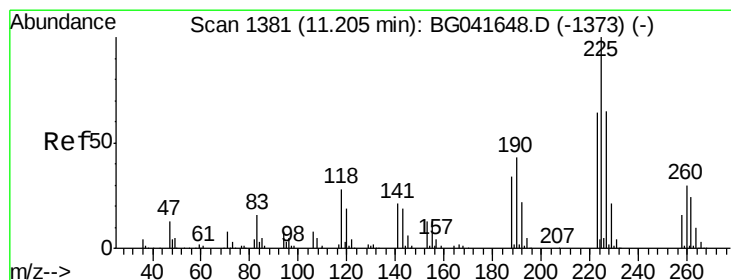
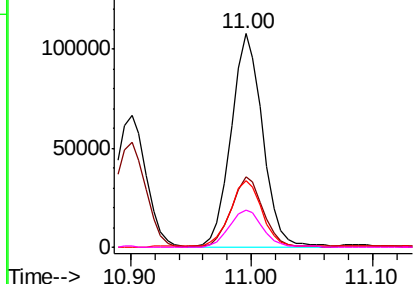
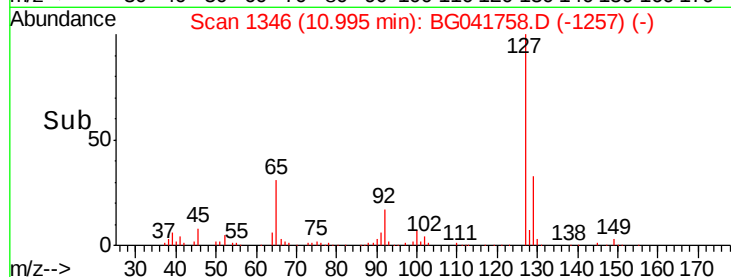
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

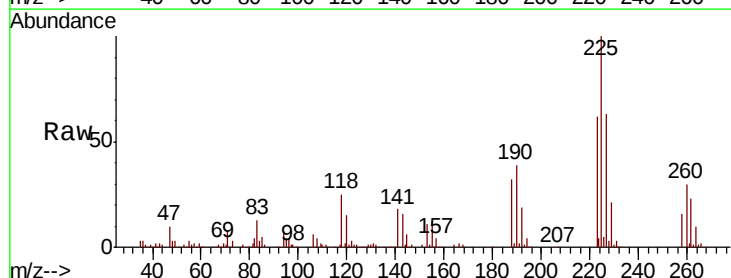
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 45.065 ng
RT: 11.19 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:	225	Resp:	210165
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.1	76.7
227	62.7	50.9	76.3

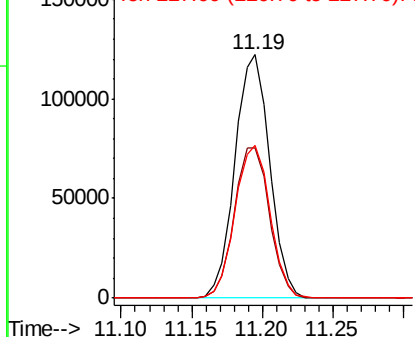
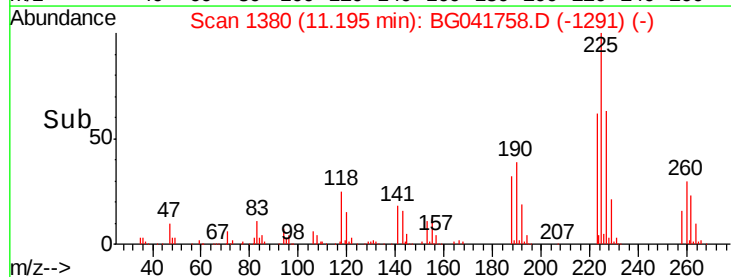


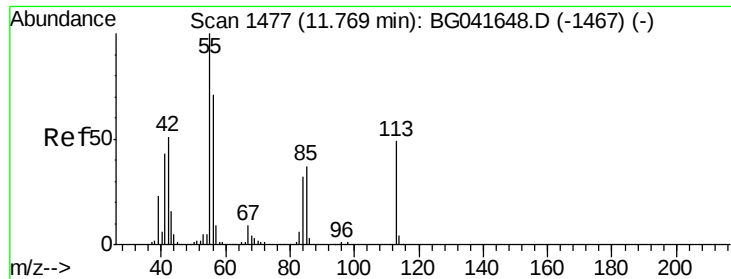
Abundance

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: 39.877 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

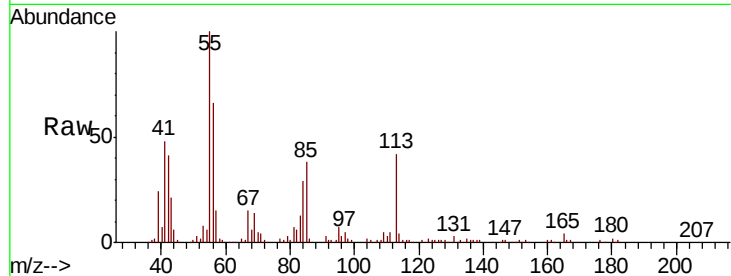
Tgt Ion:113 Resp: 90577

Ion Ratio Lower Upper

113 100

55 236.0 199.4 239.4

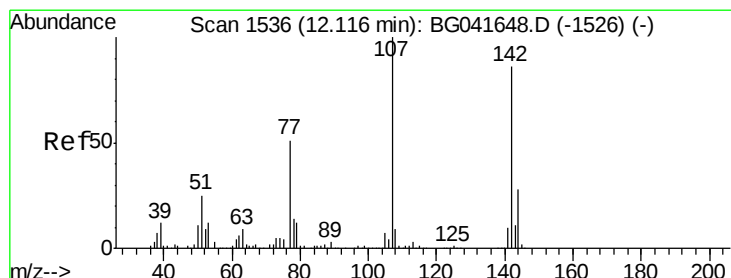
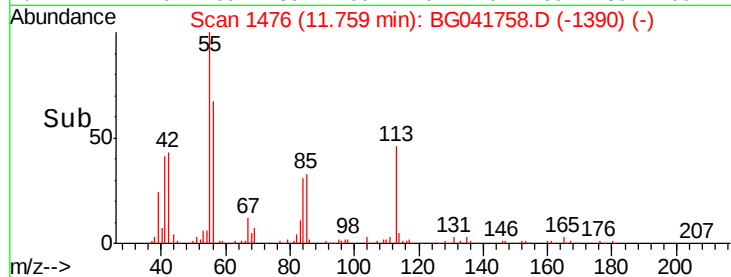
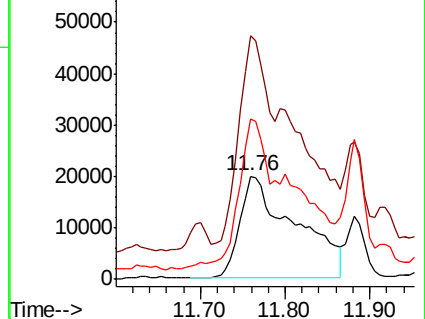
56 154.9 133.6 173.6



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: 43.854 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

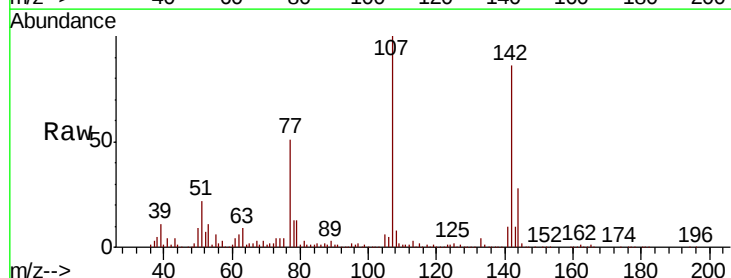
Tgt Ion:107 Resp: 283908

Ion Ratio Lower Upper

107 100

144 27.8 22.2 33.2

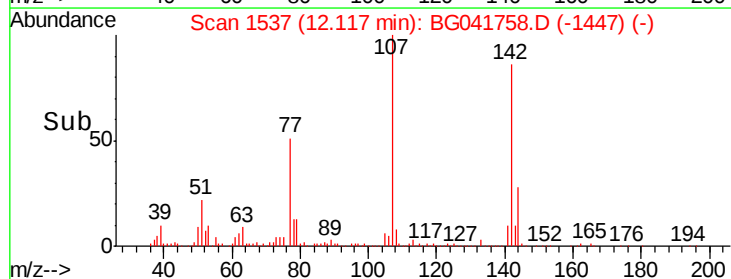
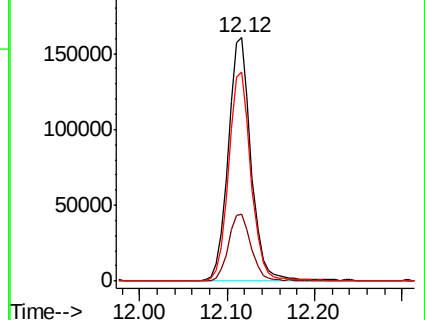
142 85.7 67.3 100.9

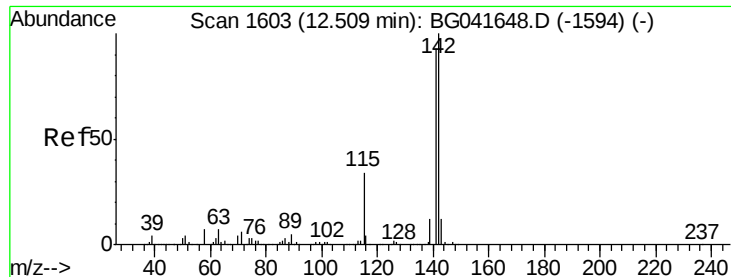


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

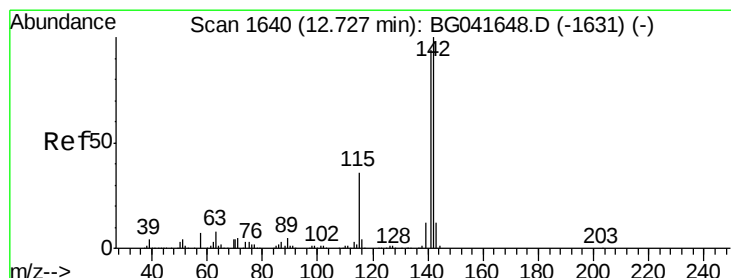
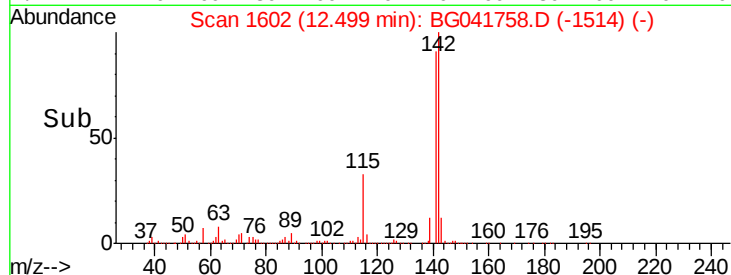
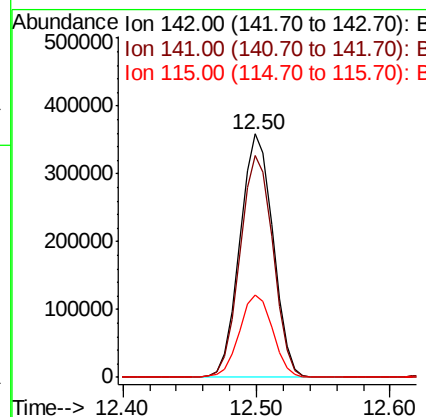
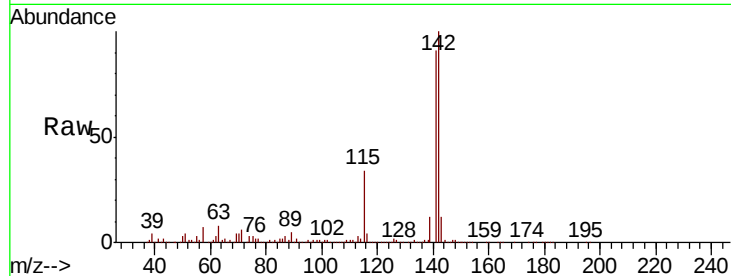




#37
 2-Methylnaphthalene
 Concen: 42.891 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

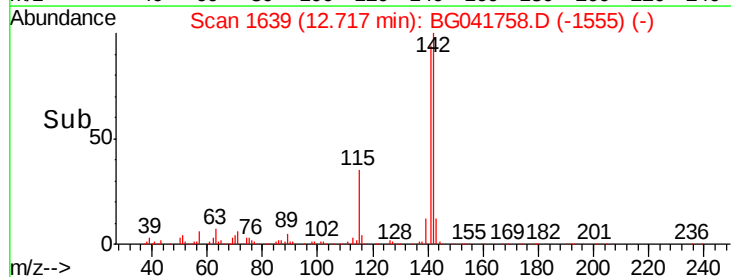
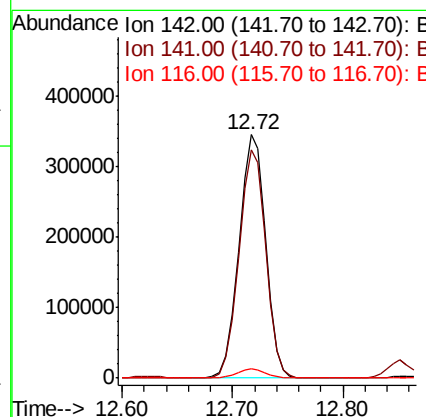
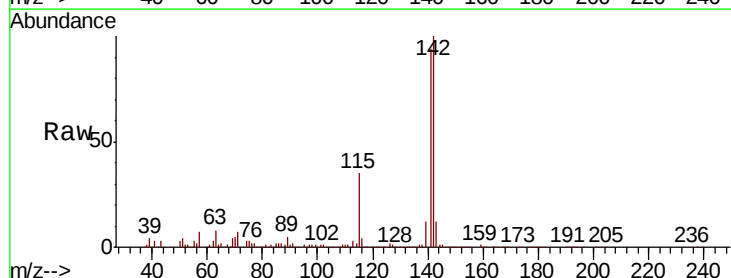
Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

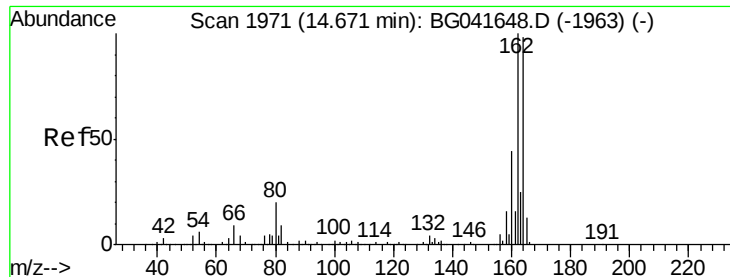
Tgt Ion:142 Resp: 613794
 Ion Ratio Lower Upper
 142 100
 141 90.9 72.7 109.1
 115 33.6 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 42.627 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion:142 Resp: 581554
 Ion Ratio Lower Upper
 142 100
 141 93.7 75.4 113.2
 116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

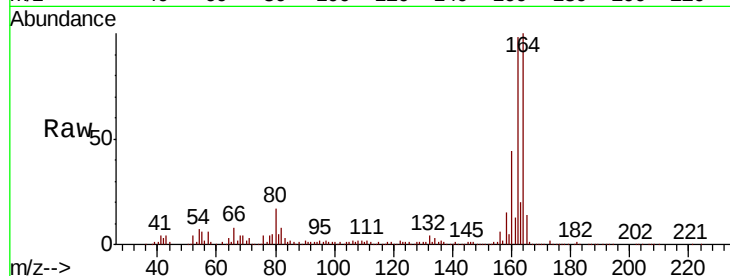
Tgt Ion:164 Resp: 262554

Ion Ratio Lower Upper

164 100

162 97.6 79.6 119.4

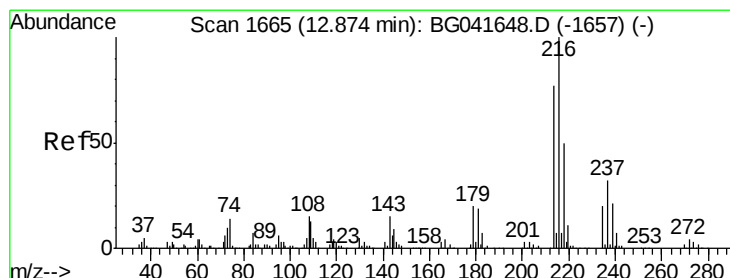
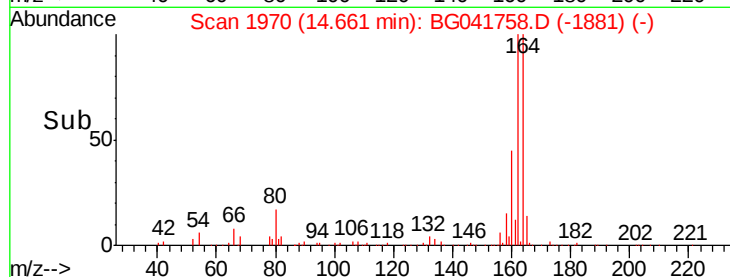
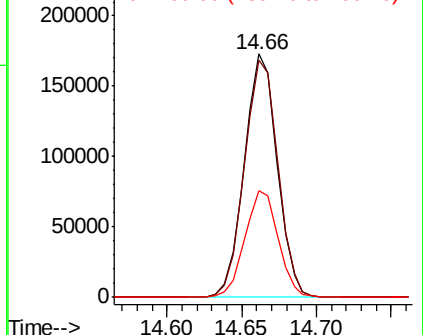
160 43.9 35.4 53.0



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: 42.718 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion:216 Resp: 384185

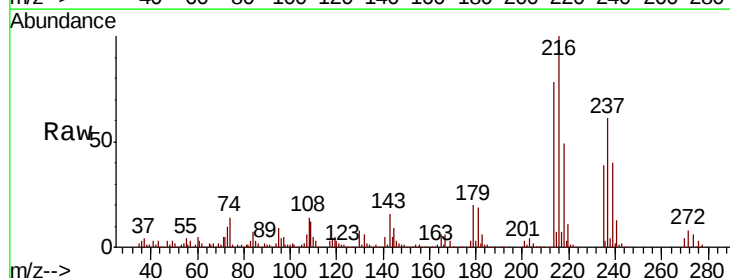
Ion Ratio Lower Upper

216 100

214 77.3 61.5 92.3

179 19.4 16.2 24.2

108 14.8 13.2 19.8

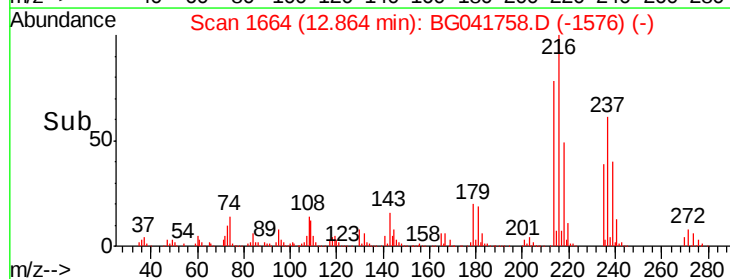
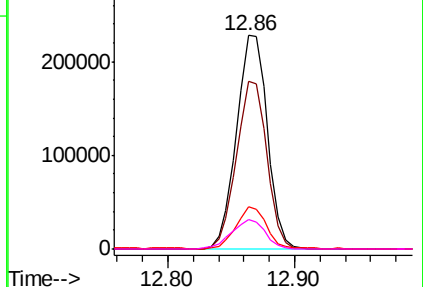


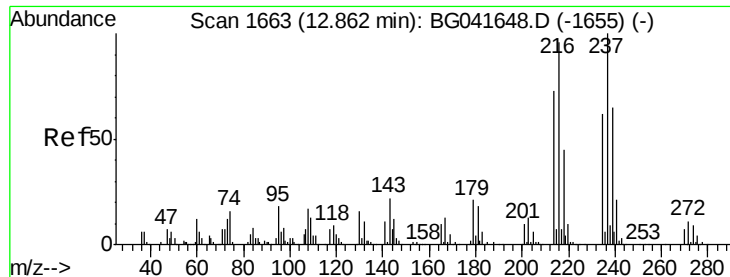
Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.306 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

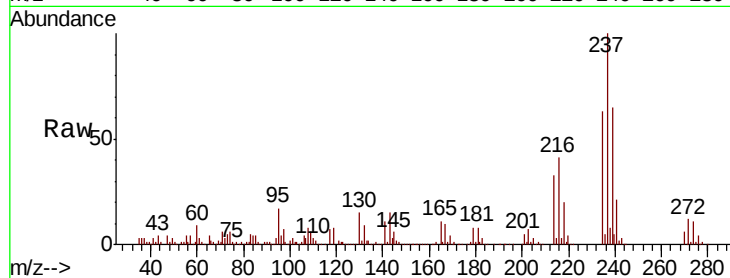
Tgt Ion: 237 Resp: 362764

Ion Ratio Lower Upper

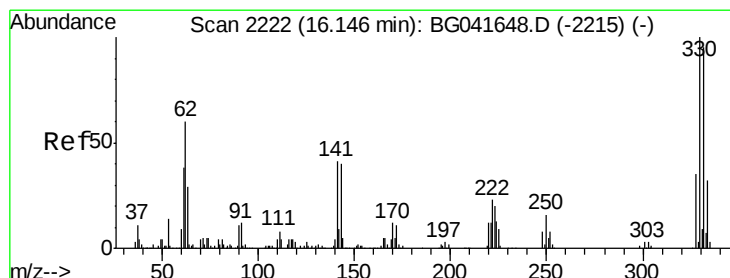
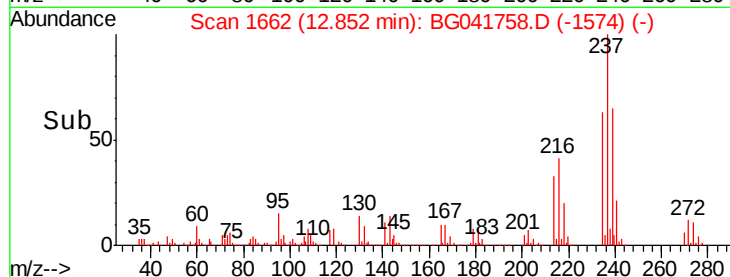
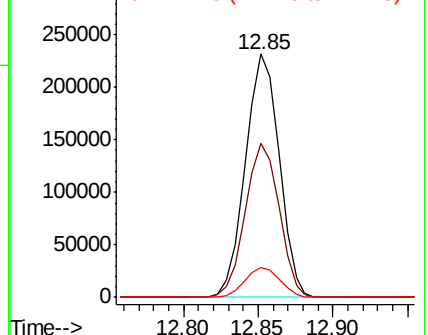
237 100

235 63.3 43.5 83.5

272 12.2 0.0 31.2



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



#42

2,4,6-Tribromophenol

Concen: 157.848 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

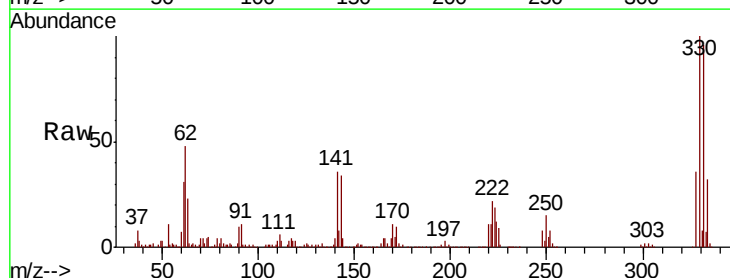
Tgt Ion: 330 Resp: 467064

Ion Ratio Lower Upper

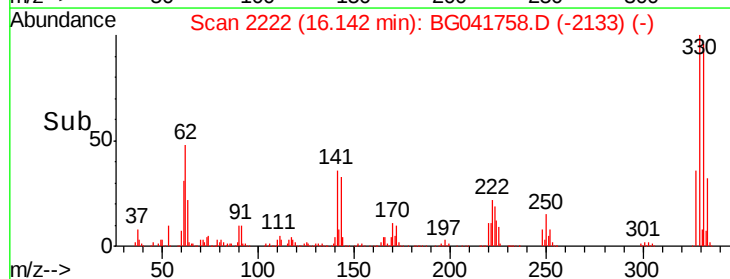
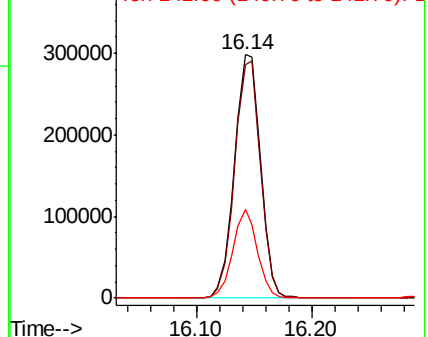
330 100

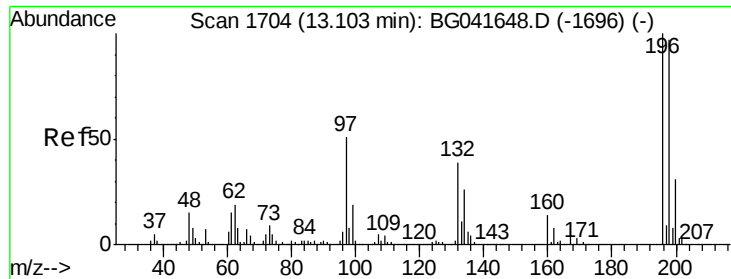
332 96.2 77.4 116.0

141 33.7 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

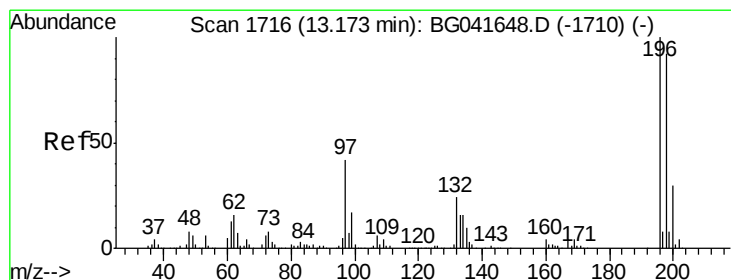
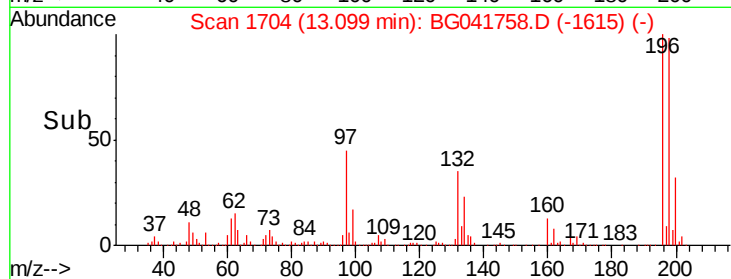
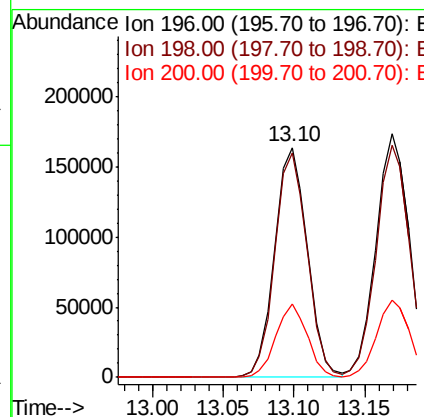
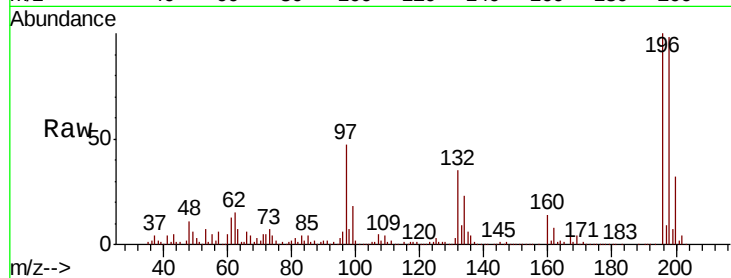




#43
 2,4,6-Trichlorophenol
 Concen: 45.530 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

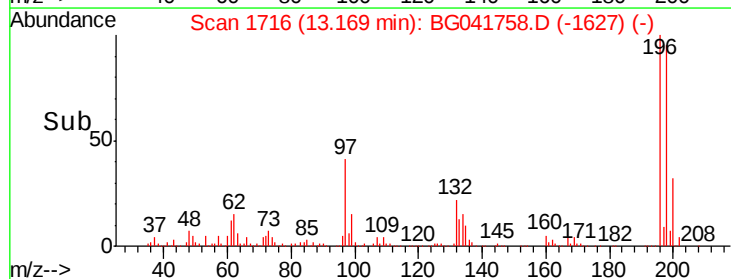
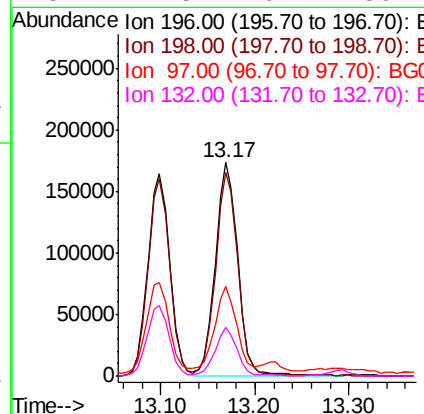
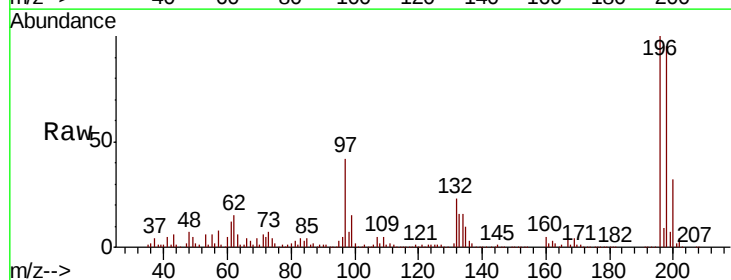
Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

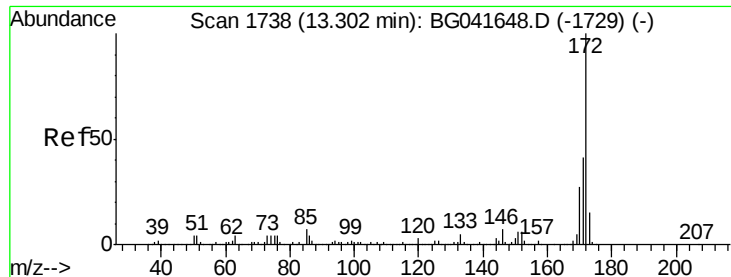
Tgt Ion:196 Resp: 266059
 Ion Ratio Lower Upper
 196 100
 198 97.7 79.6 119.4
 200 32.1 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 46.722 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion:196 Resp: 287659
 Ion Ratio Lower Upper
 196 100
 198 95.1 80.6 121.0
 97 42.0 33.9 50.9
 132 22.5 20.2 30.2

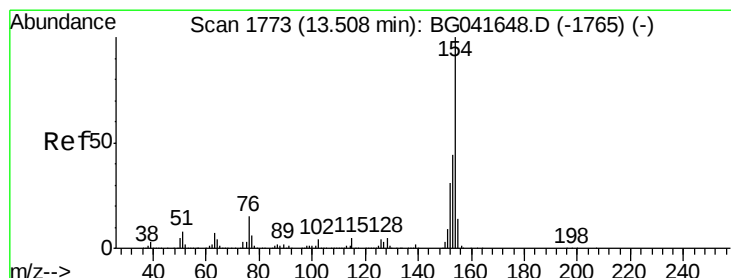
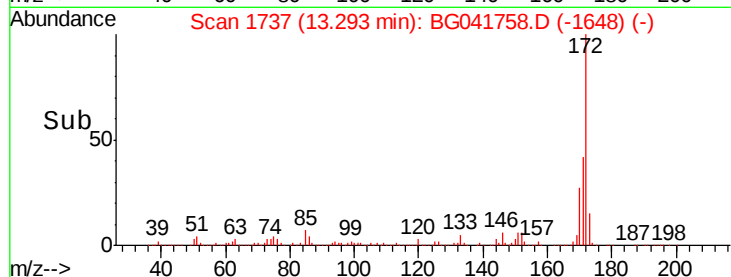
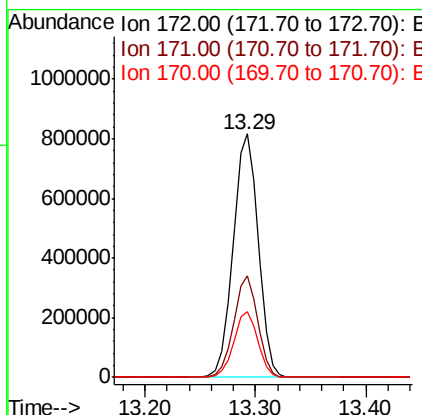
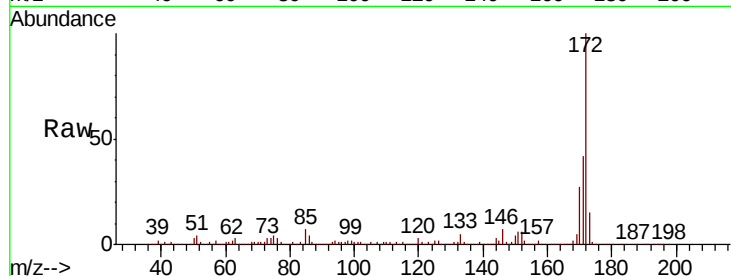




#45
2-Fluorobiphenyl
Concen: 76.462 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

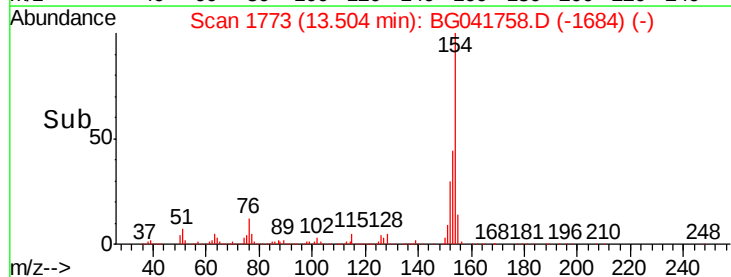
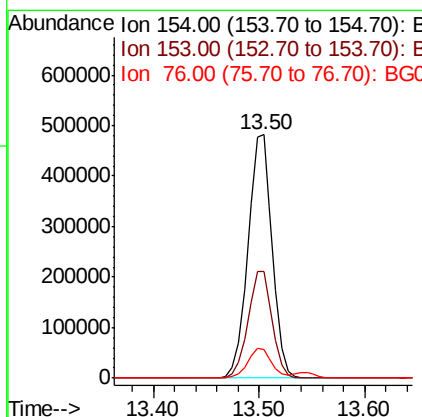
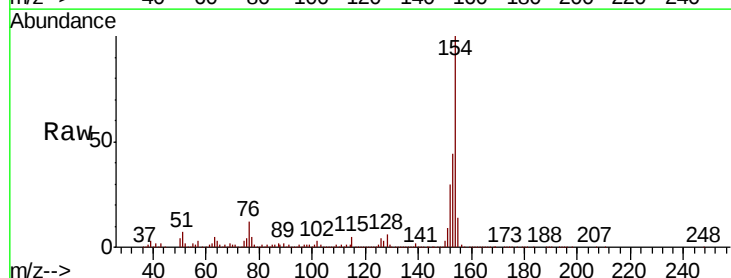
Instrument :
BNA_G
ClientSampled :
TP-1SMSD

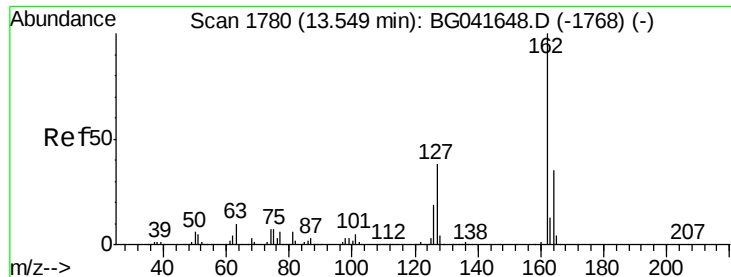
Tgt Ion:172 Resp: 1296451
Ion Ratio Lower Upper
172 100
171 41.5 35.0 52.4
170 27.2 23.5 35.3



#46
1,1'-Biphenyl
Concen: 38.782 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:154 Resp: 762847
Ion Ratio Lower Upper
154 100
153 43.6 25.0 65.0
76 12.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 38.529 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

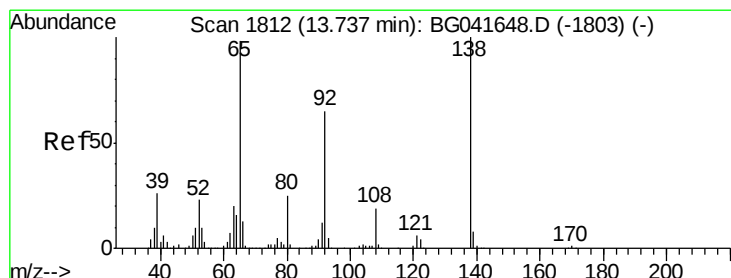
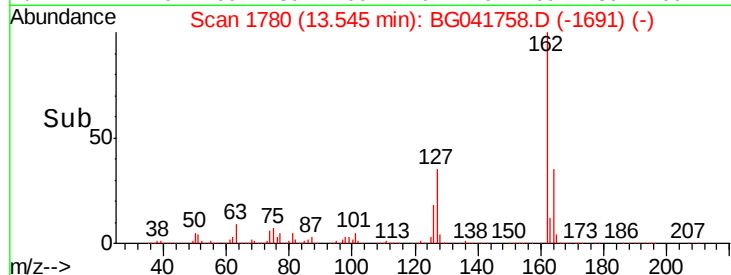
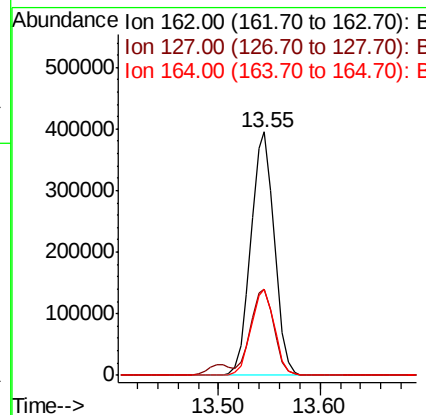
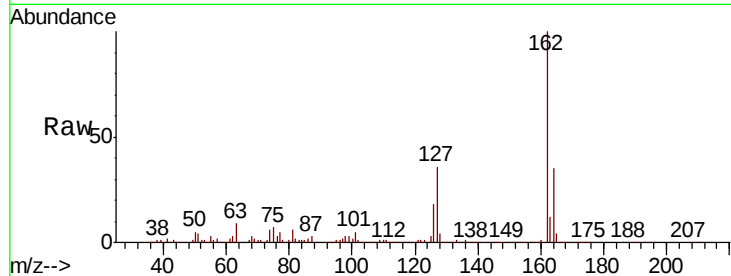
Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

Tgt Ion:	162	Resp:	631627
Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.4	45.6
164	35.3	28.6	42.8



#48

2-Nitroaniline

Concen: 39.436 ng

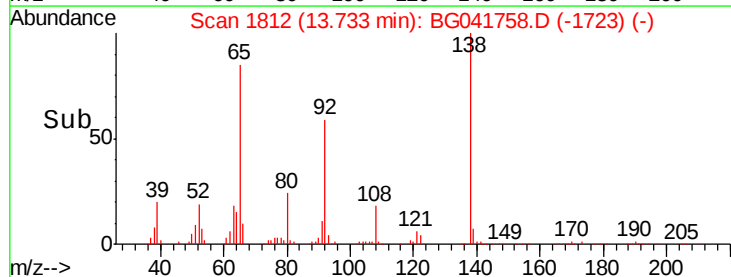
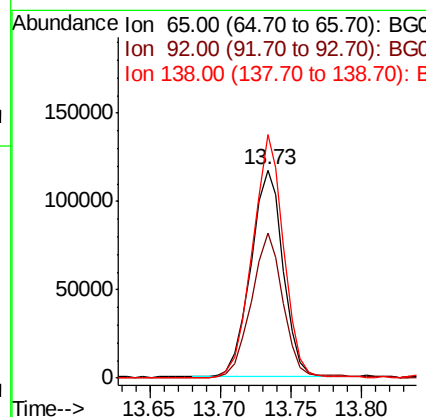
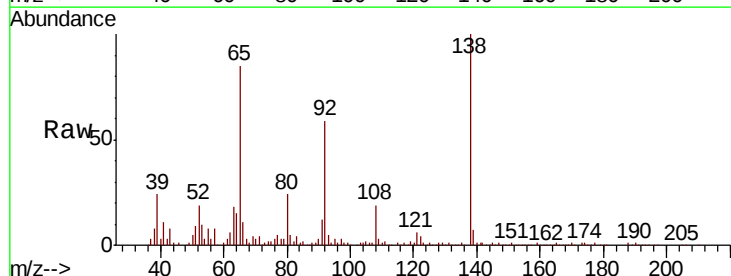
RT: 13.73 min Scan# 1812

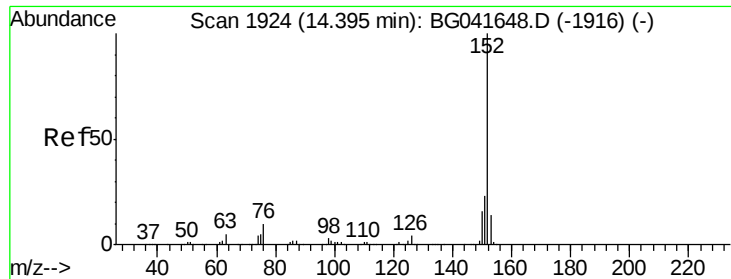
Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion:	65	Resp:	188231
Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.9	80.9
138	117.0	83.5	125.3





#49

Acenaphthylene

Concen: 38.355 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

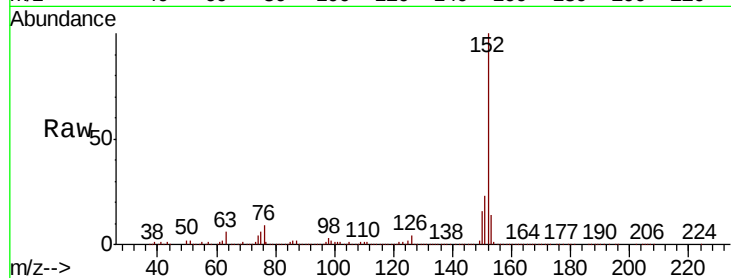
Tgt Ion:152 Resp: 981584

Ion Ratio Lower Upper

152 100

151 22.8 18.7 28.1

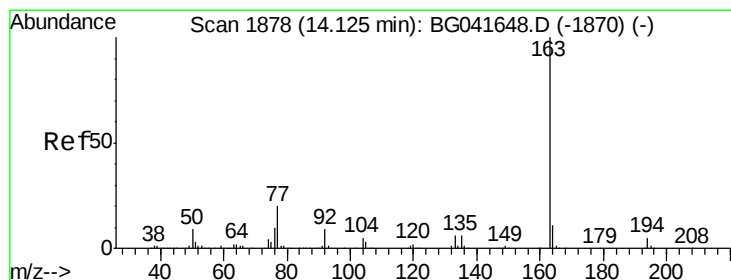
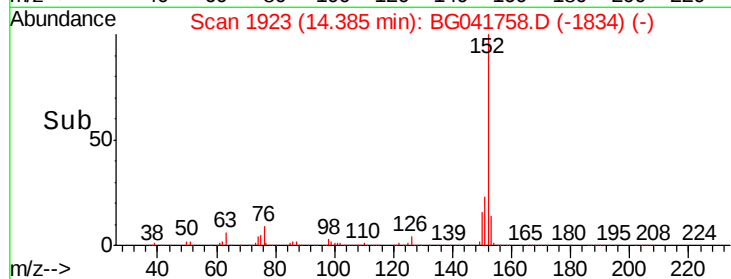
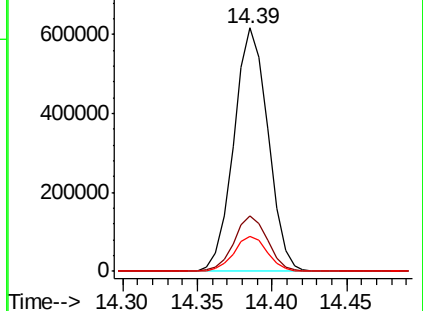
153 14.4 12.4 18.6



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: 48.022 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

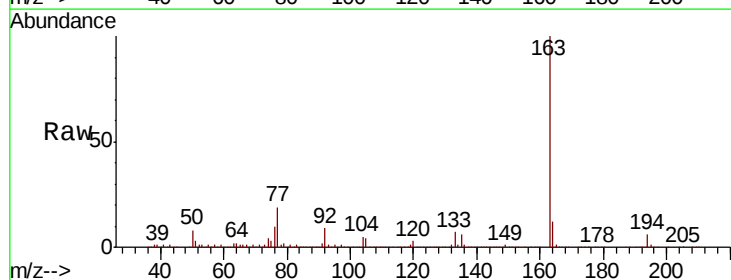
Tgt Ion:163 Resp: 990256

Ion Ratio Lower Upper

163 100

194 5.6 4.2 6.2

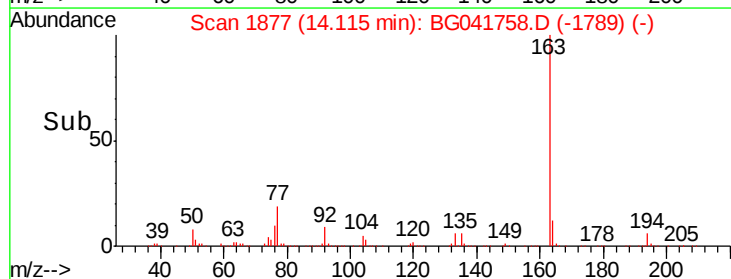
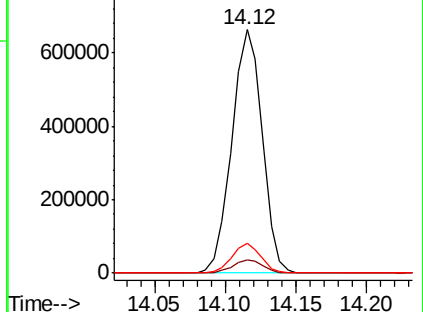
164 12.0 9.4 14.2

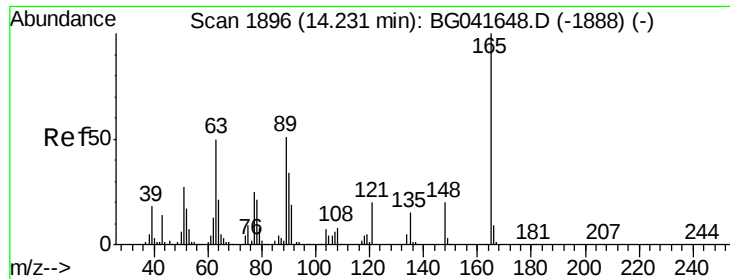


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

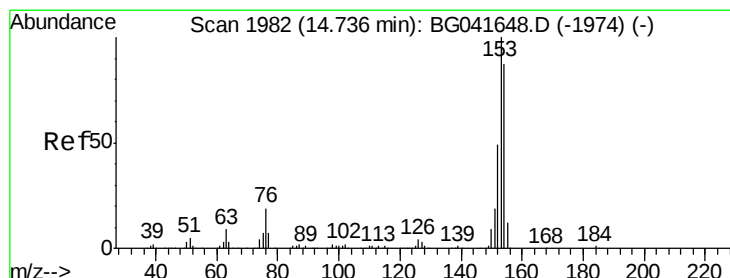
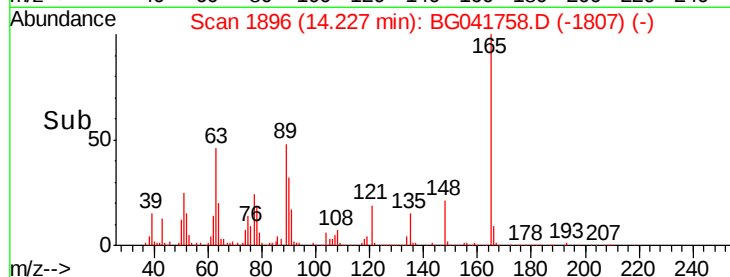
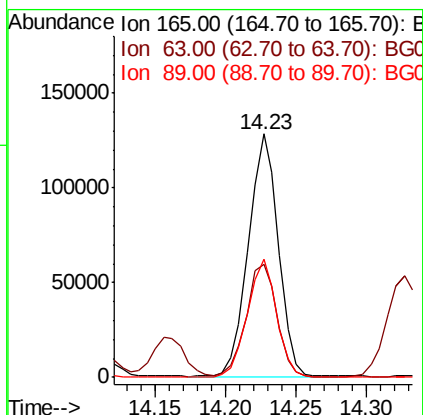
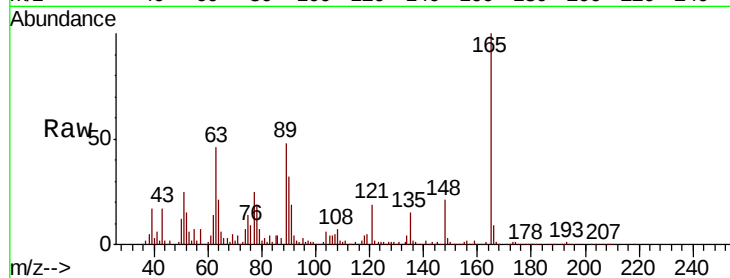




#51
 2,6-Dinitrotoluene
 Concen: 43.672 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

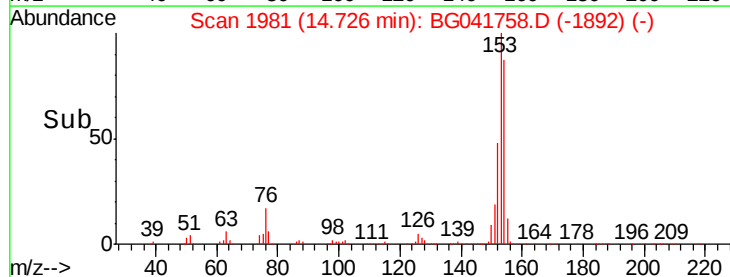
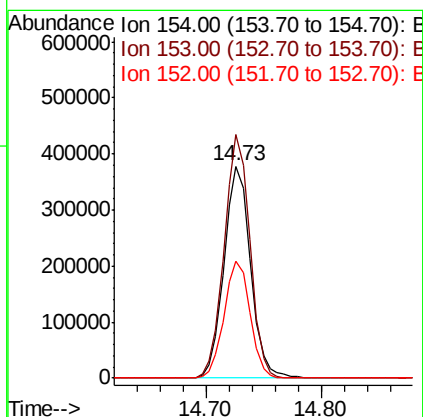
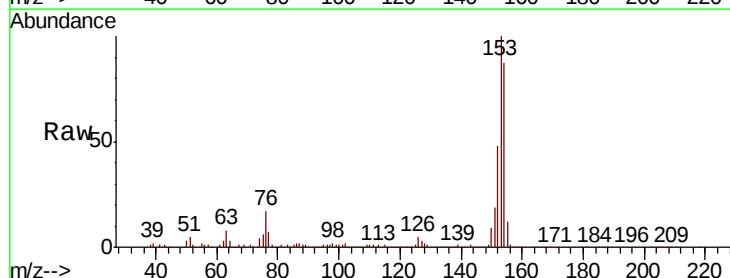
Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

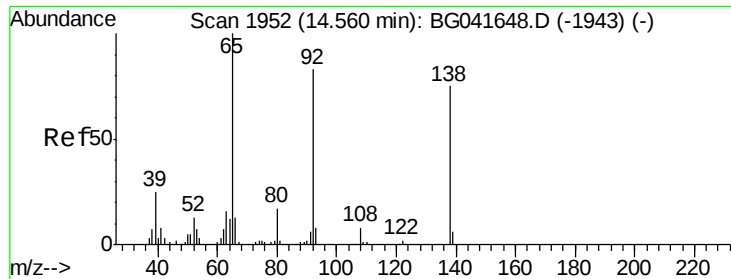
Tgt Ion:165 Resp: 191017
 Ion Ratio Lower Upper
 165 100
 63 46.3 42.4 63.6
 89 48.4 42.1 63.1



#52
 Acenaphthene
 Concen: 37.281 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion:154 Resp: 601246
 Ion Ratio Lower Upper
 154 100
 153 114.9 89.8 134.6
 152 55.0 44.9 67.3

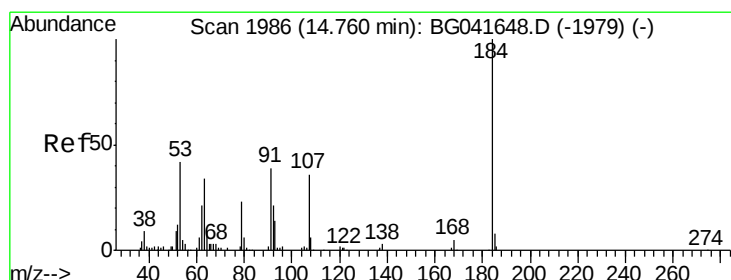
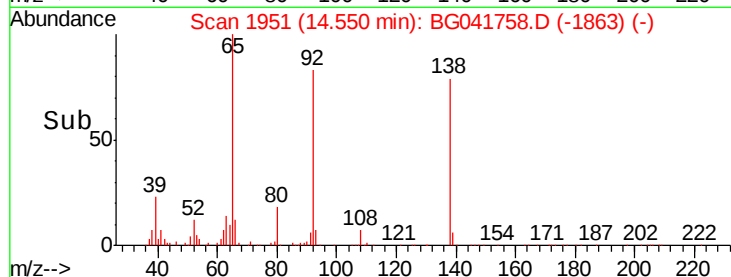
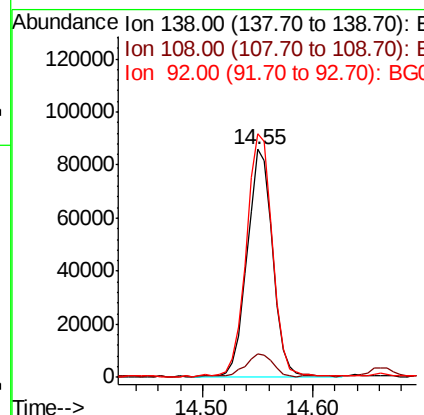
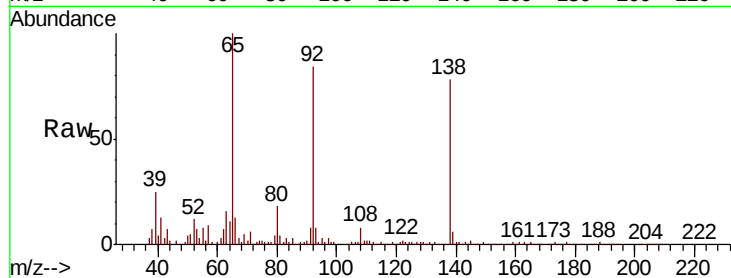




#53
3-Nitroaniline
Concen: 29.164 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

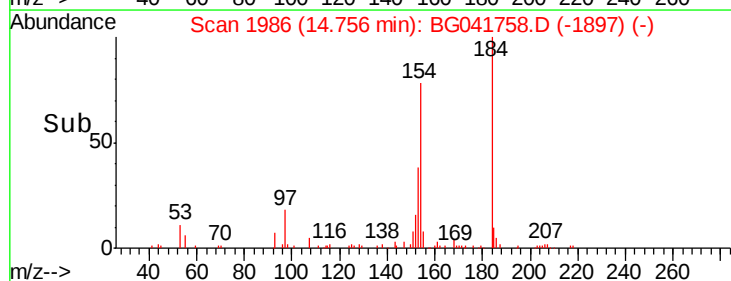
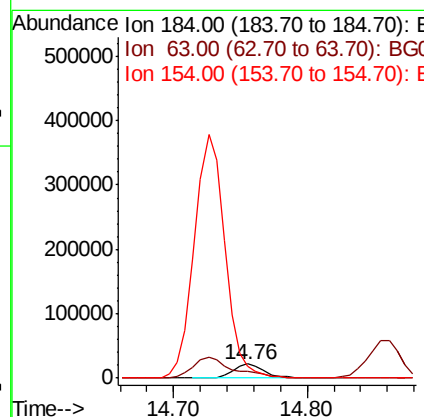
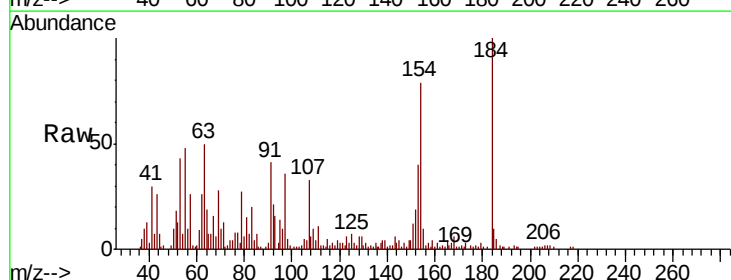
Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

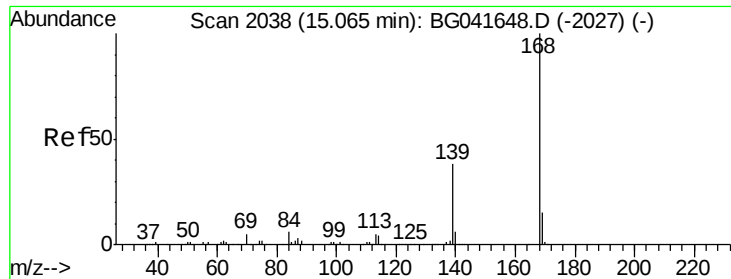
Tgt Ion:138 Resp: 139249
Ion Ratio Lower Upper
138 100
108 10.1 10.3 15.5#
92 106.8 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 22.960 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:184 Resp: 37269
Ion Ratio Lower Upper
184 100
63 50.2 43.2 64.8
154 79.2 51.4 77.2#

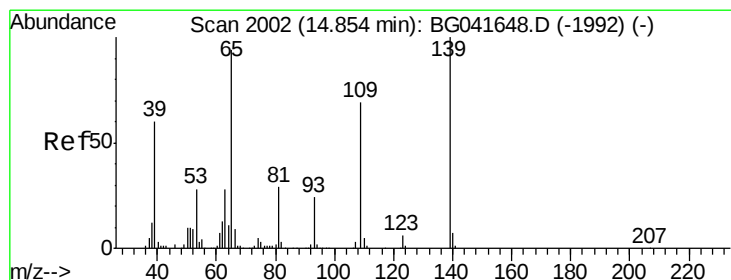
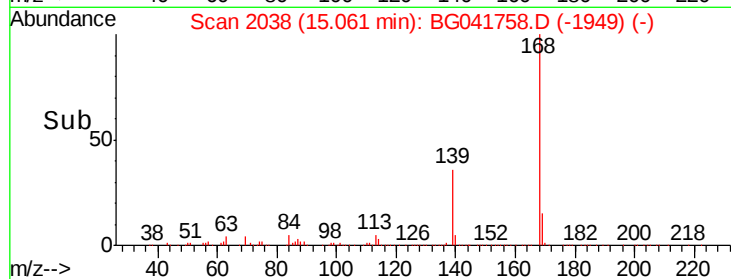
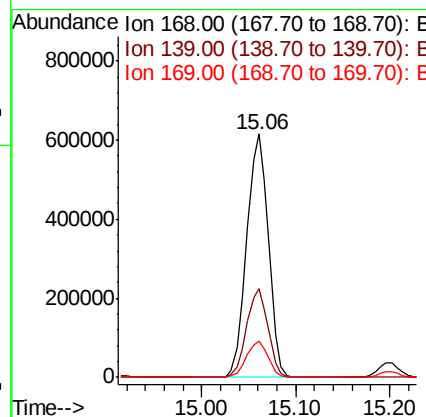
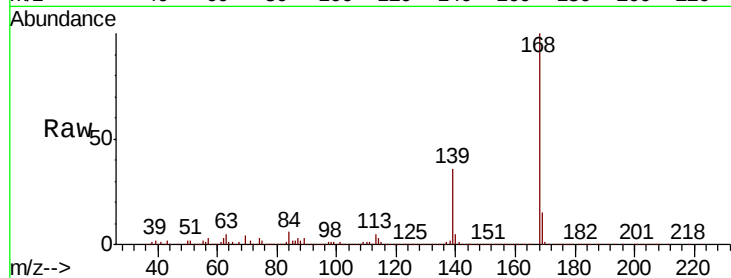




#55
Dibenzenofuran
Concen: 40.362 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

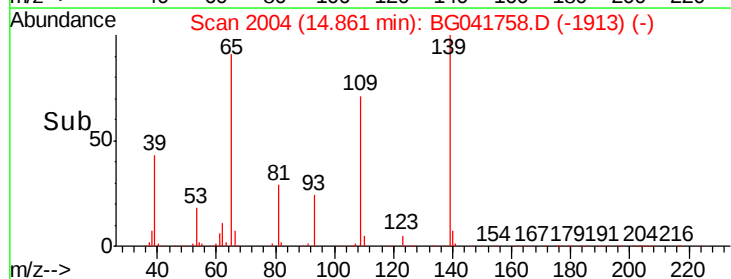
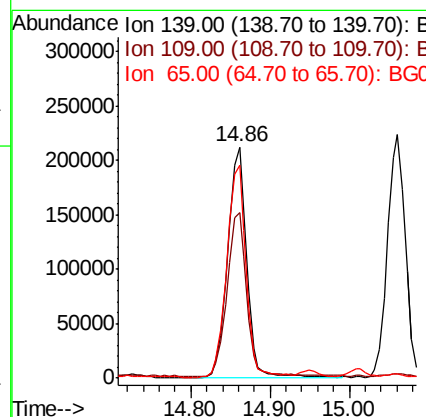
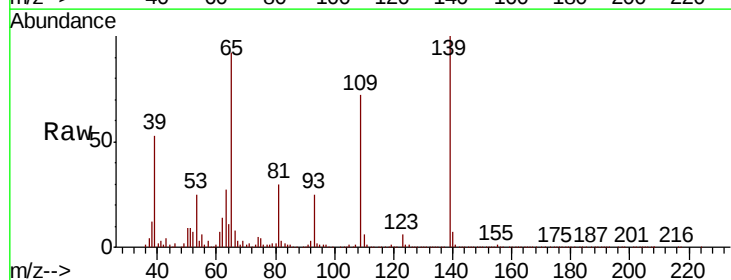
Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

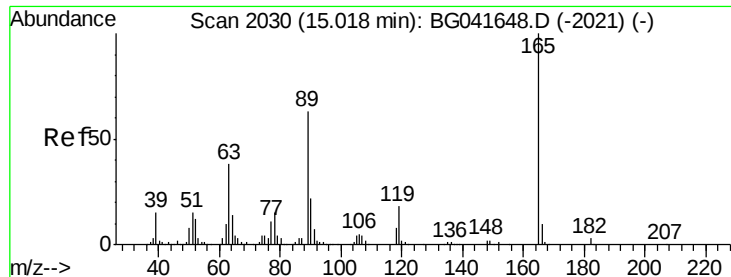
Tgt Ion:168 Resp: 976785
Ion Ratio Lower Upper
168 100
139 36.3 31.9 47.9
169 14.9 12.5 18.7



#56
4-Nitrophenol
Concen: 91.362 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:139 Resp: 353173
Ion Ratio Lower Upper
139 100
109 71.9 51.3 91.3
65 92.4 77.6 117.6

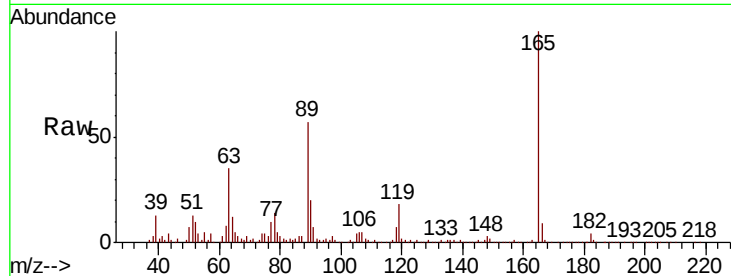




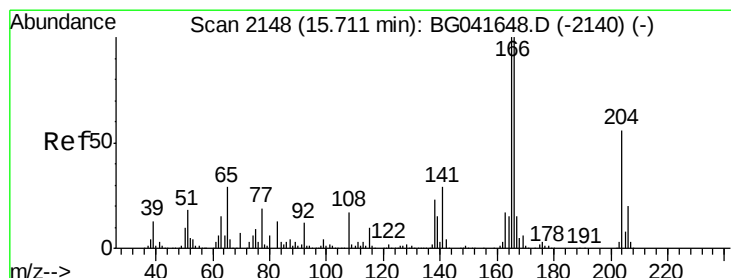
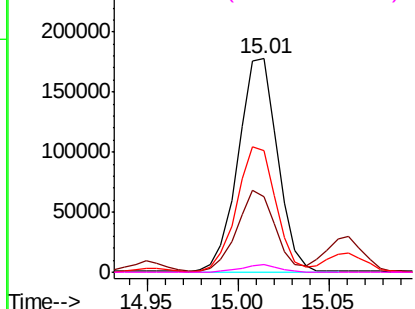
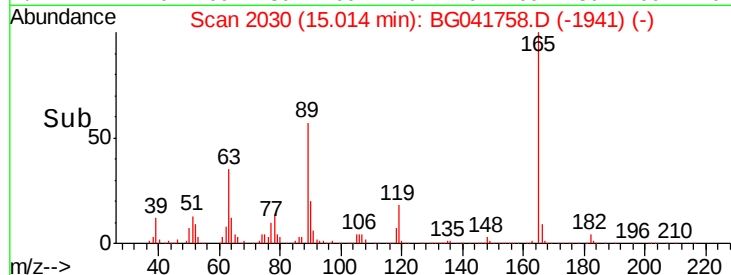
#57
 2,4-Dinitrotoluene
 Concen: 46.322 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

Tgt Ion:165 Resp: 267823
 Ion Ratio Lower Upper
 165 100
 63 35.4 31.7 47.5
 89 56.7 50.2 75.4
 182 3.8 2.6 4.0

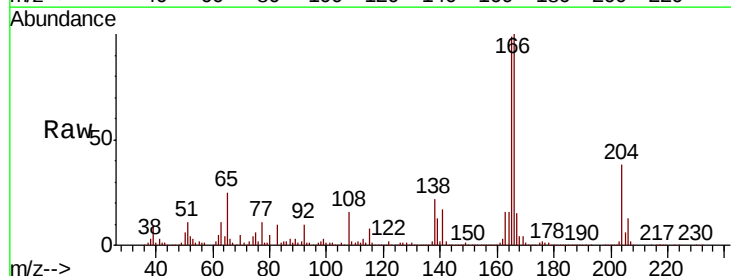


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

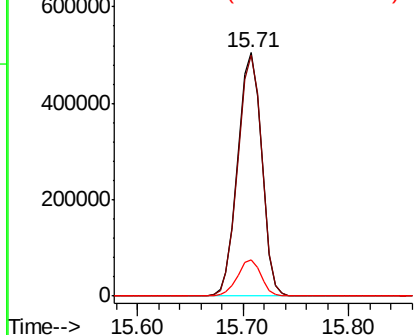
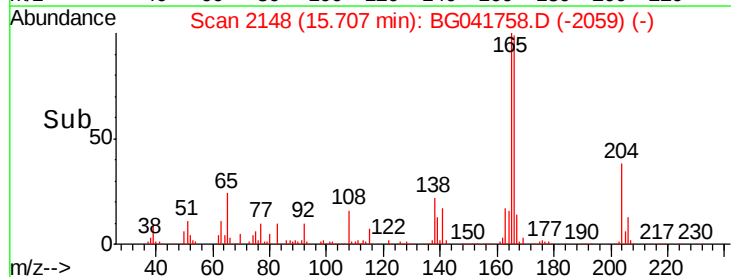


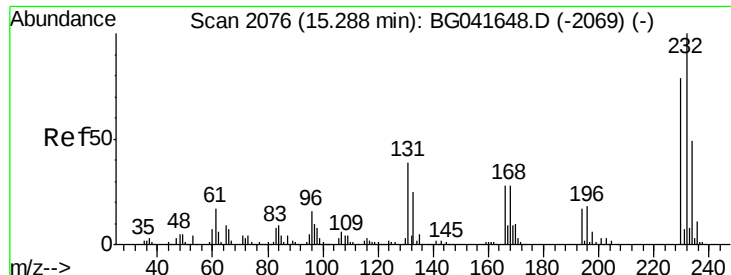
#58
 Fluorene
 Concen: 40.105 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion:166 Resp: 789745
 Ion Ratio Lower Upper
 166 100
 165 98.8 80.5 120.7
 167 15.0 12.4 18.6



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

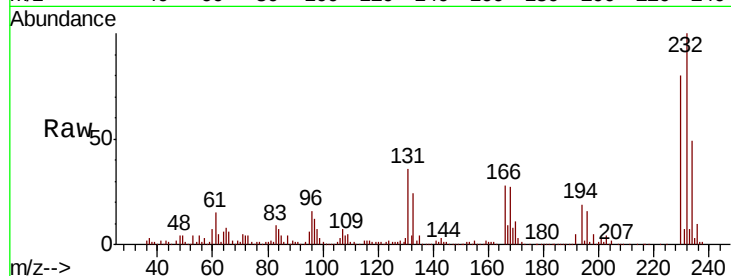




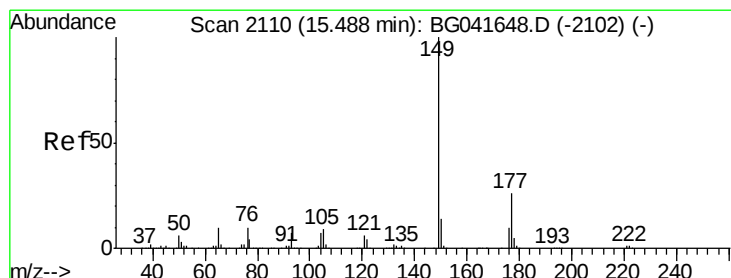
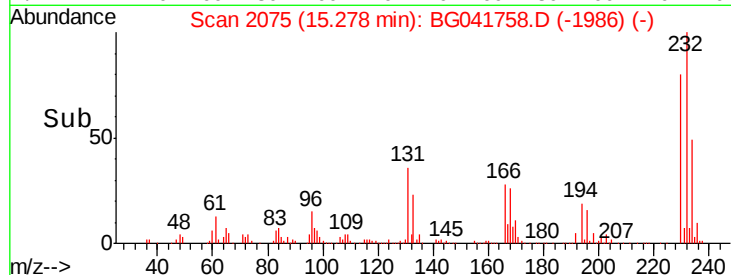
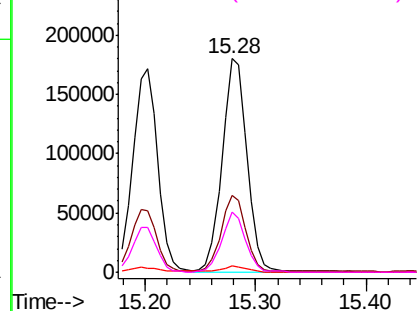
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.611 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

Tgt Ion:	232	Resp:	281986
Ion	Ratio	Lower	Upper
232	100		
131	35.0	31.8	47.6
130	2.6	1.8	2.8
166	26.7	23.5	35.3

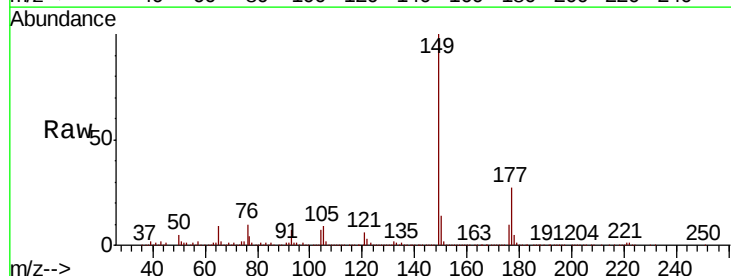


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

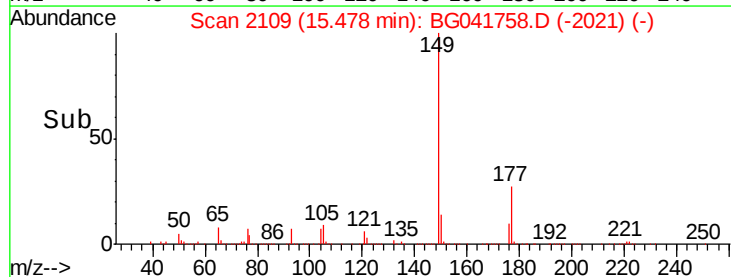
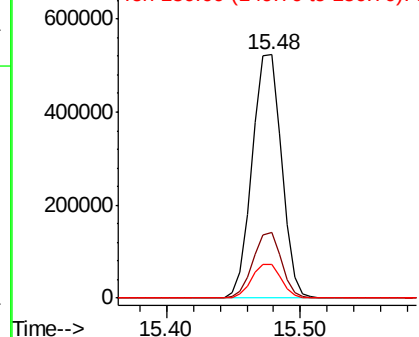


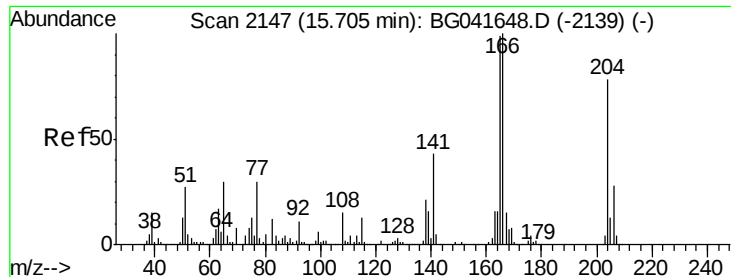
#60
 Diethylphthalate
 Concen: 37.948 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion:	149	Resp:	788313
Ion	Ratio	Lower	Upper
149	100		
177	26.8	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

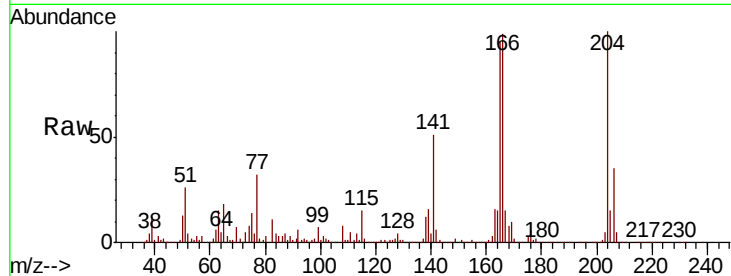




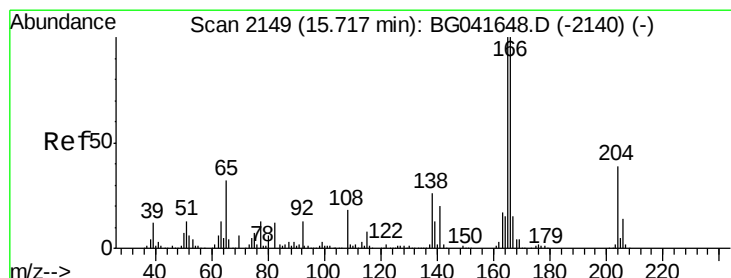
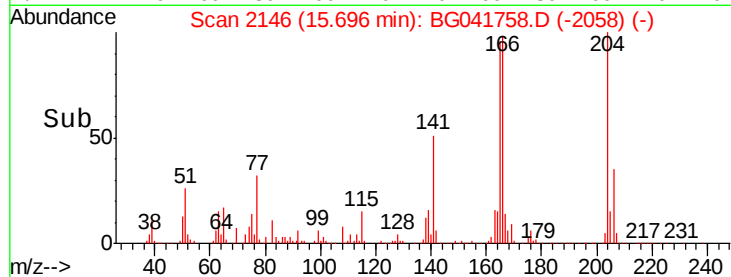
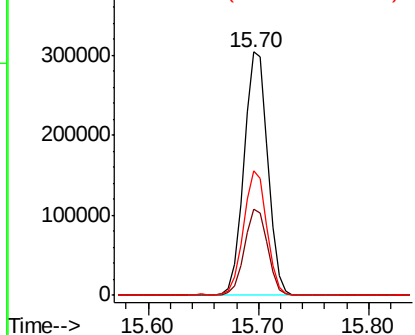
#61
4-Chlorophenyl-phenylether
Concen: 41.343 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tgt Ion:204 Resp: 460196
Ion Ratio Lower Upper
204 100
206 35.2 28.6 42.8
141 50.9 42.9 64.3

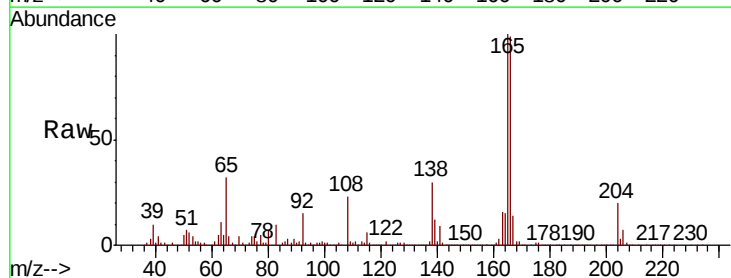


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

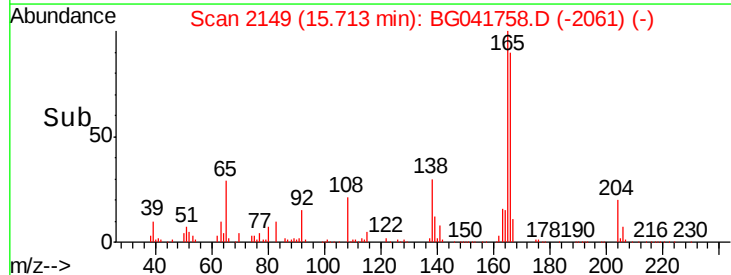
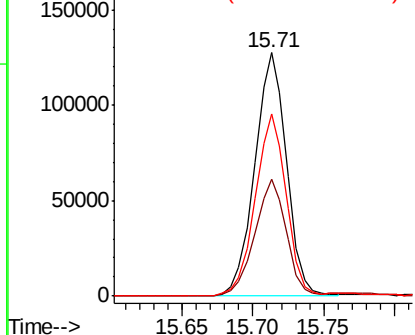


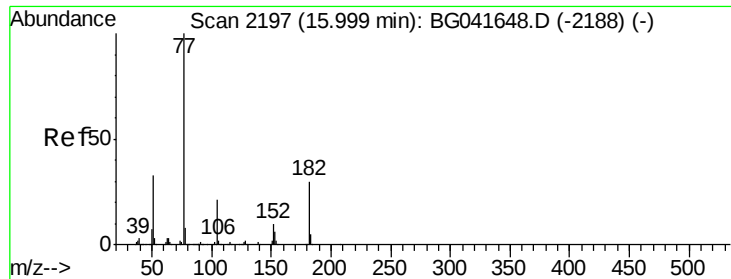
#62
4-Nitroaniline
Concen: 39.967 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:138 Resp: 202386
Ion Ratio Lower Upper
138 100
92 48.3 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

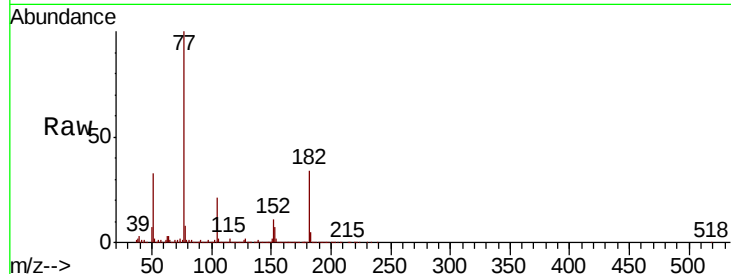




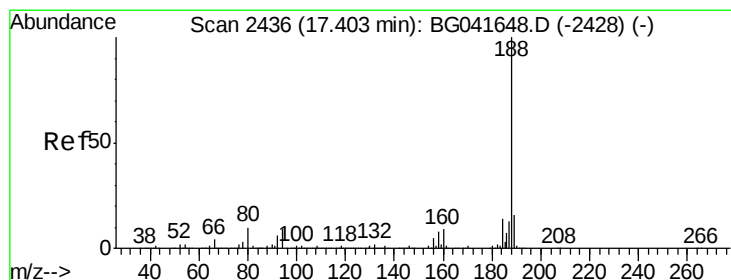
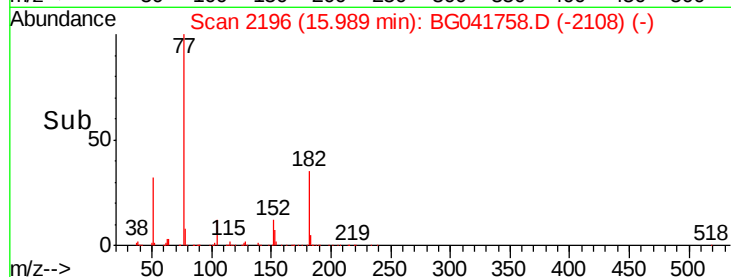
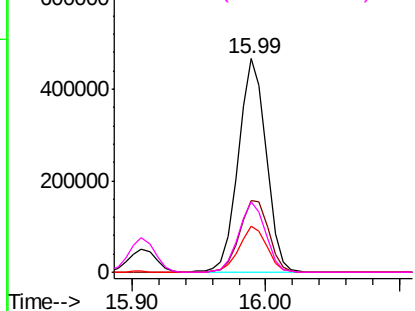
#63
Azobenzene
Concen: 35.428 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tgt Ion: 77 Resp: 665382
Ion Ratio Lower Upper
77 100
182 33.6 13.2 53.2
105 21.5 2.2 42.2
51 33.2 14.6 54.6

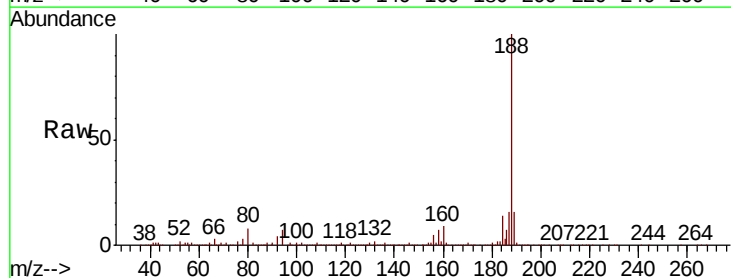


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

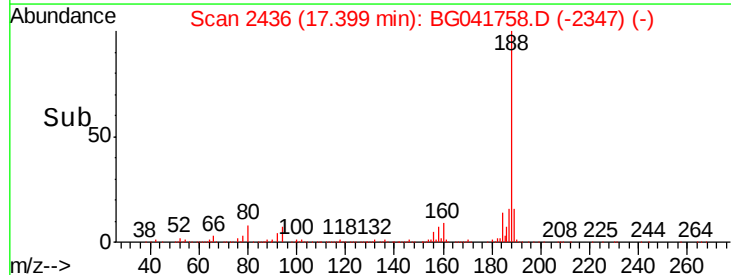
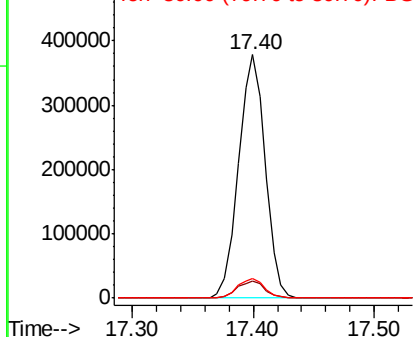


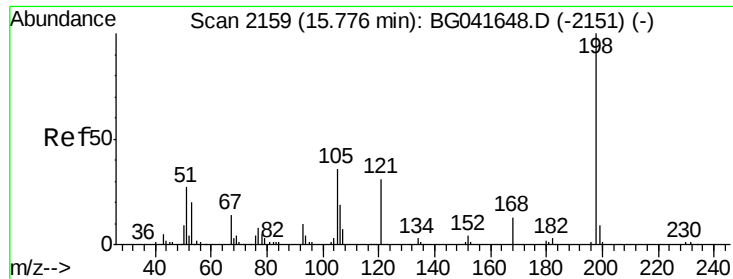
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion: 188 Resp: 582090
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 8.2 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.834 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

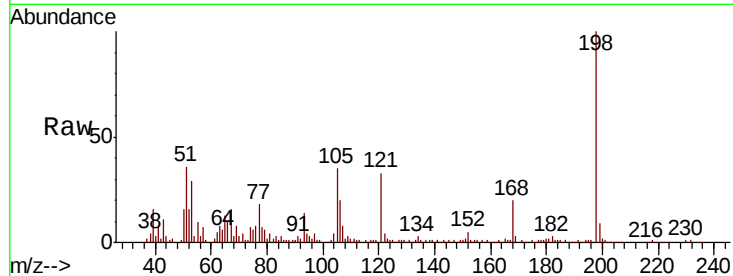
Tgt Ion:198 Resp: 106428

Ion Ratio Lower Upper

198 100

51 35.7 22.3 62.3

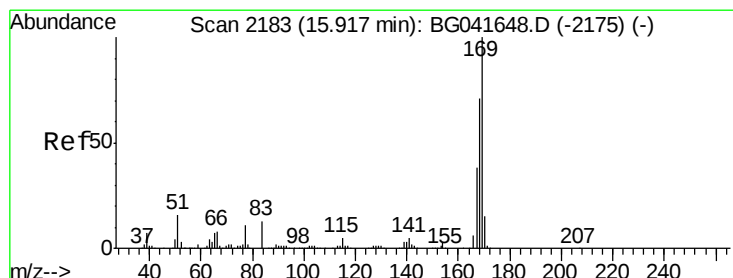
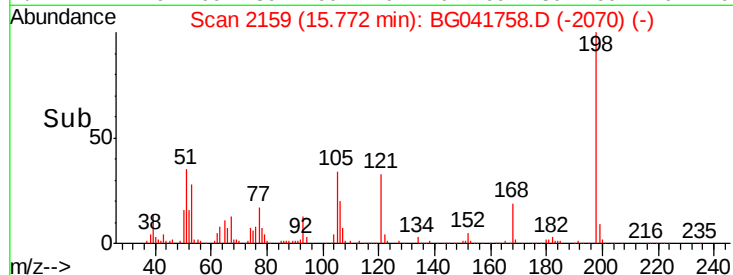
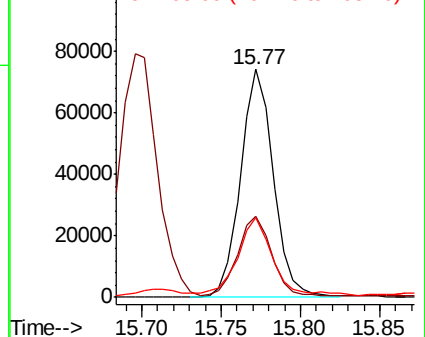
105 35.0 18.0 58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.461 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

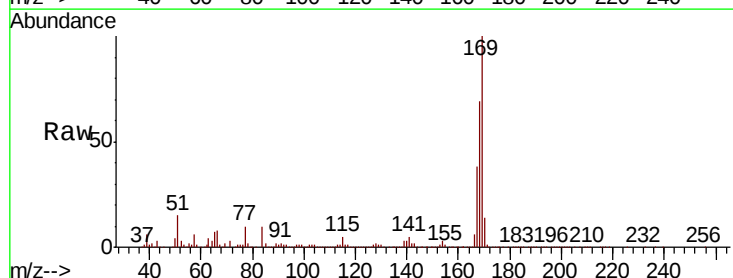
Tgt Ion:169 Resp: 742926

Ion Ratio Lower Upper

169 100

168 69.3 56.9 85.3

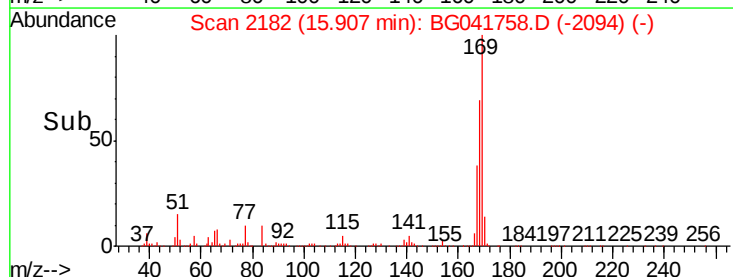
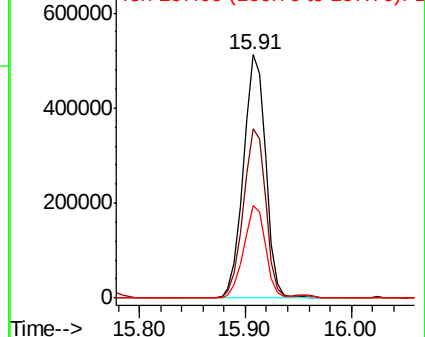
167 37.9 31.5 47.3

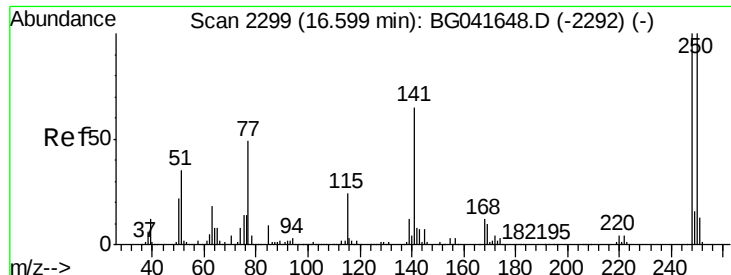


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

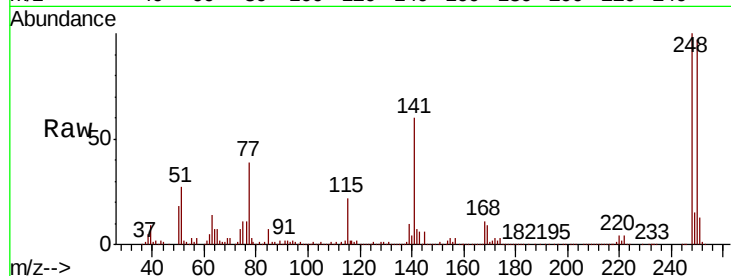




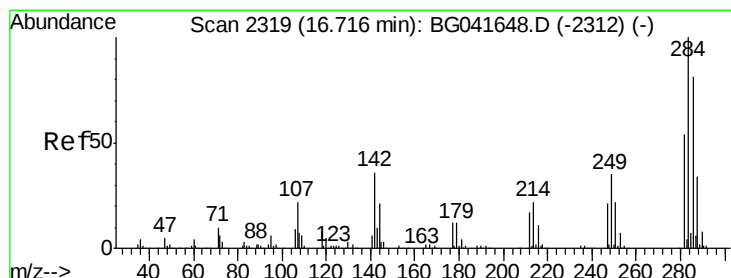
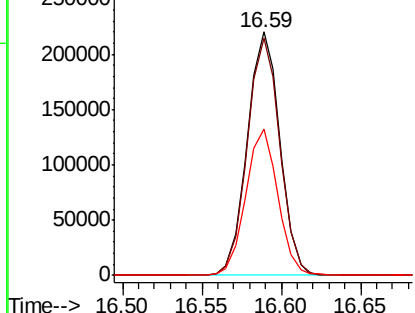
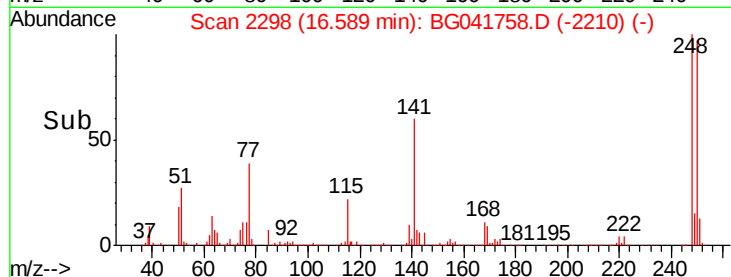
#67
 4-Bromophenyl-phenylether
 Concen: 45.377 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

Tgt Ion:248 Resp: 314284
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.1 117.1
 141 60.4 49.6 74.4

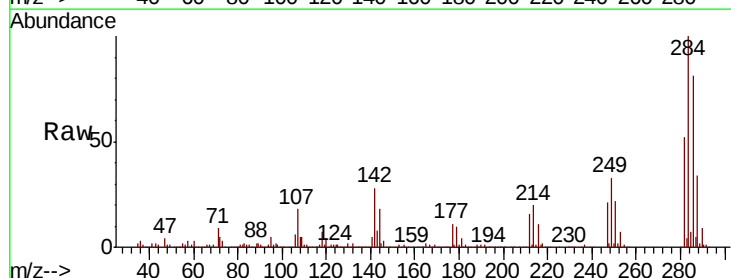


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

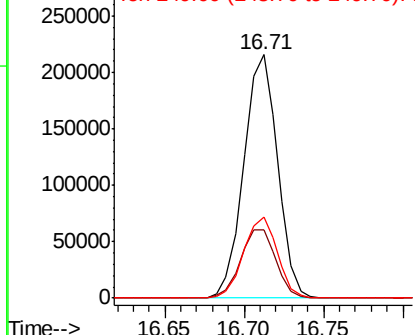
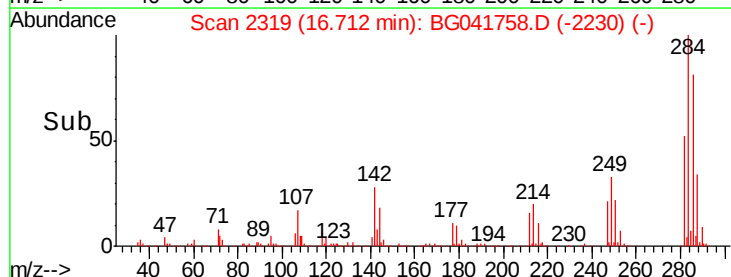


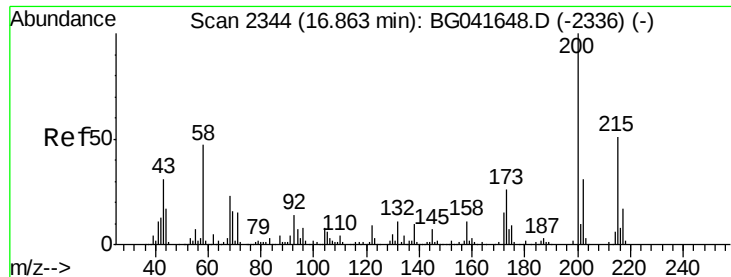
#68
 Hexachlorobenzene
 Concen: 45.838 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion:284 Resp: 319698
 Ion Ratio Lower Upper
 284 100
 142 28.2 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: 47.536 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

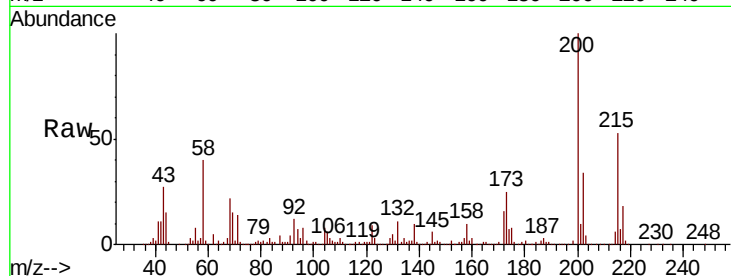
Tgt Ion:200 Resp: 294882

Ion Ratio Lower Upper

200 100

173 24.8 5.3 45.3

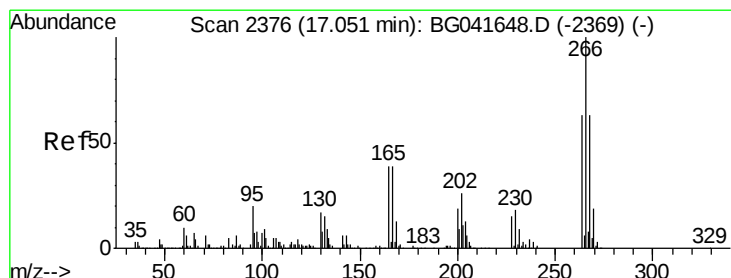
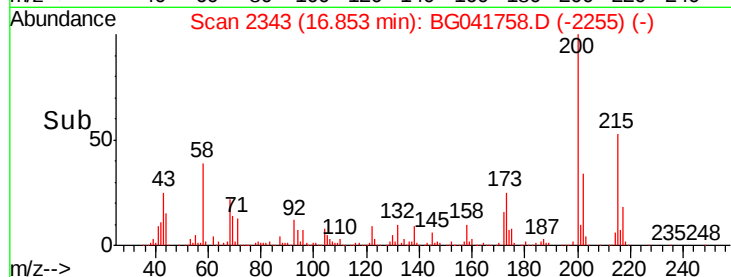
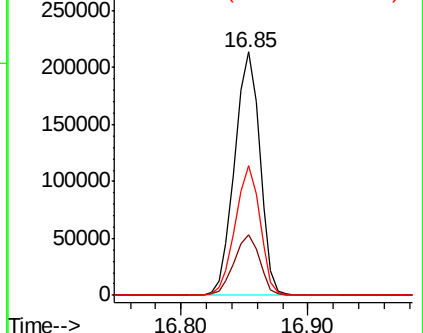
215 53.4 31.8 71.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.868 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

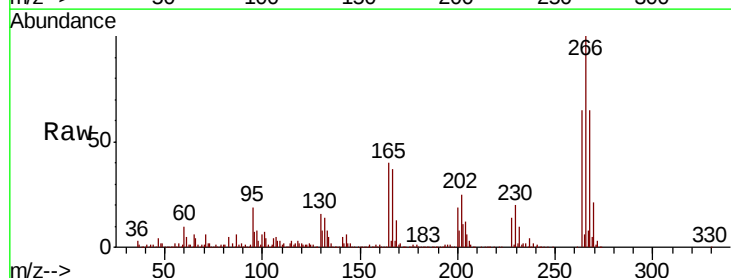
Tgt Ion:266 Resp: 409349

Ion Ratio Lower Upper

266 100

268 65.3 52.9 79.3

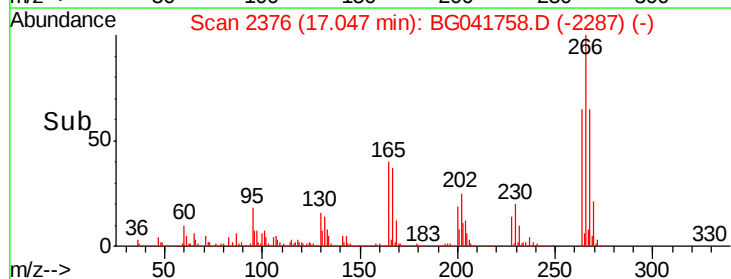
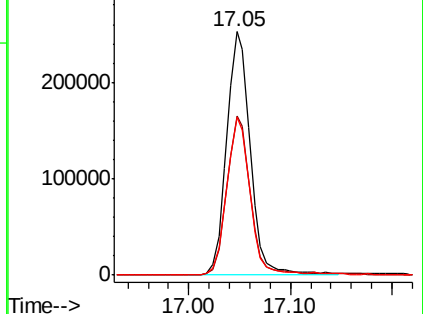
264 64.7 51.4 77.2

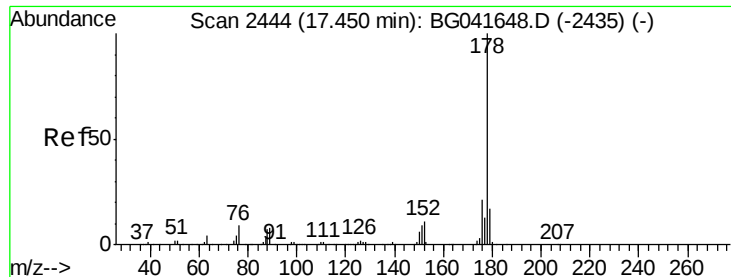


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

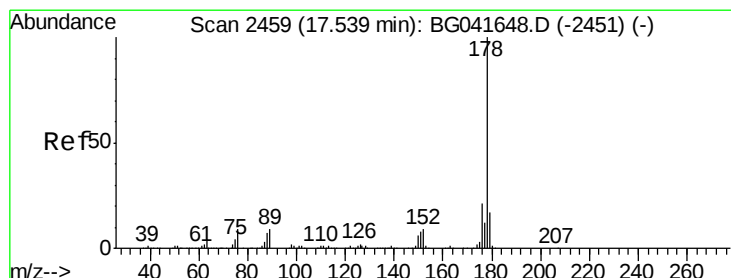
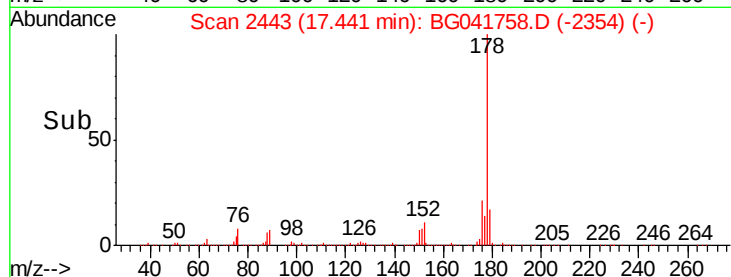
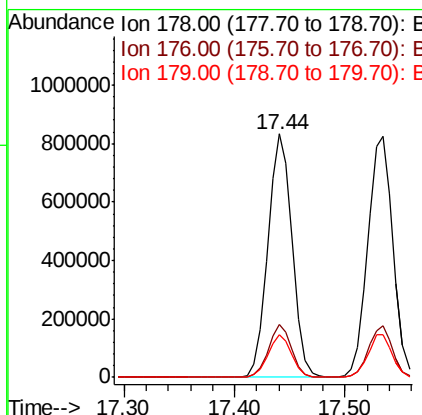
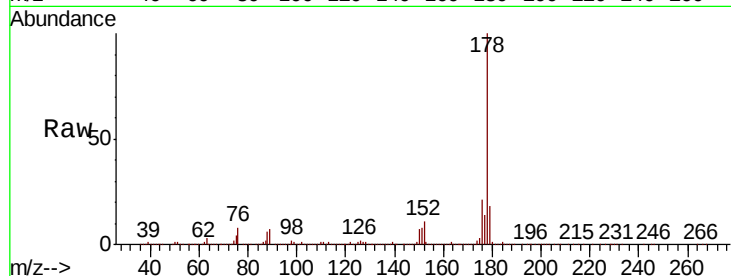




#71
Phenanthrene
Concen: 43.486 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

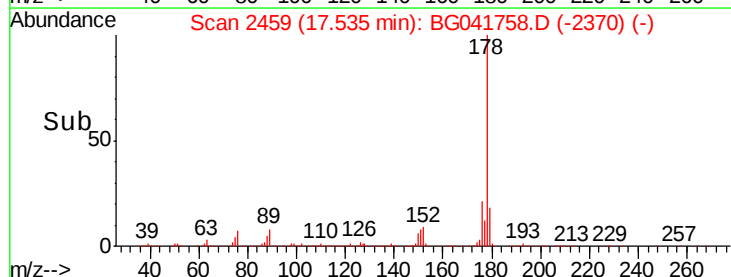
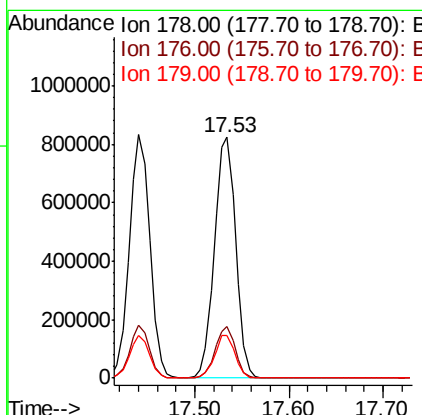
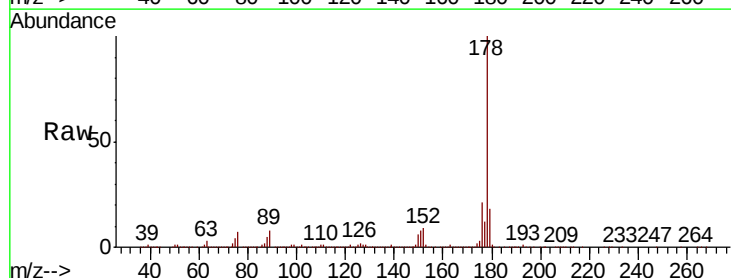
Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

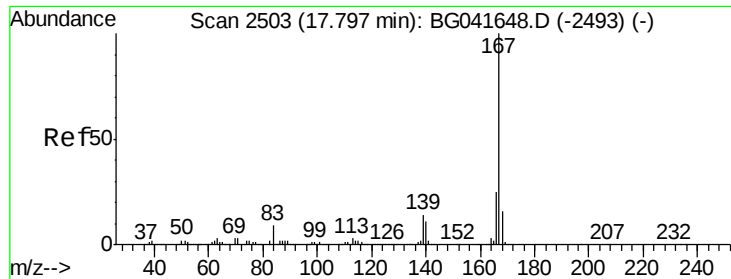
Tgt Ion:178 Resp: 1274767
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 17.6 15.4 23.0



#72
Anthracene
Concen: 44.772 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:178 Resp: 1308238
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 18.0 15.1 22.7

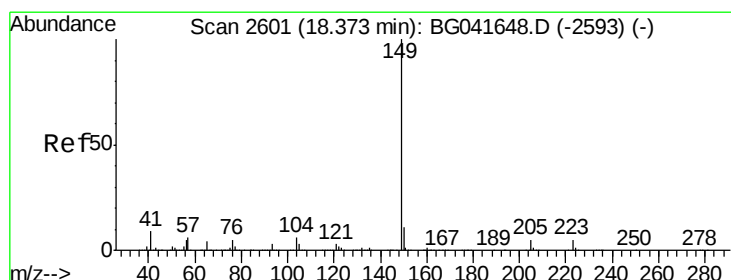
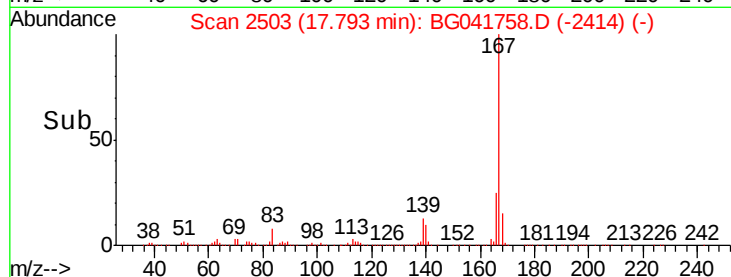
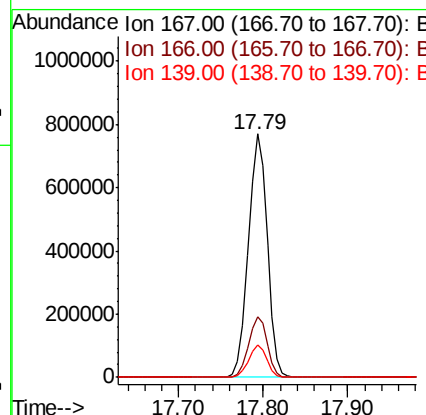
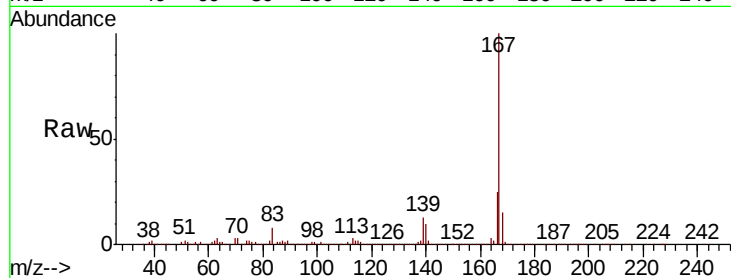




#73
 Carbazole
 Concen: 44.002 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

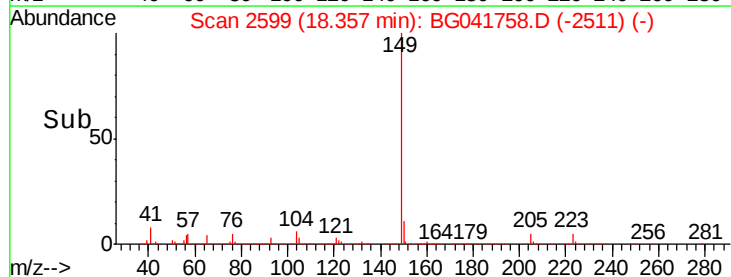
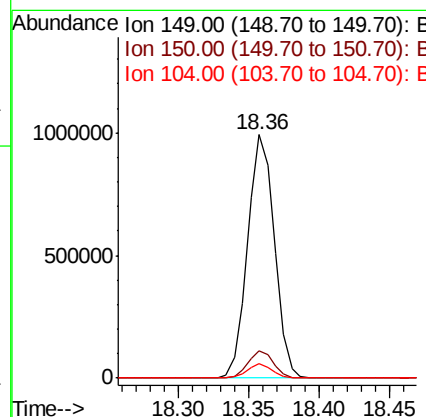
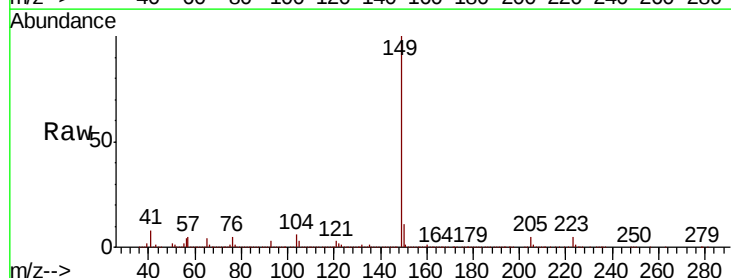
Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

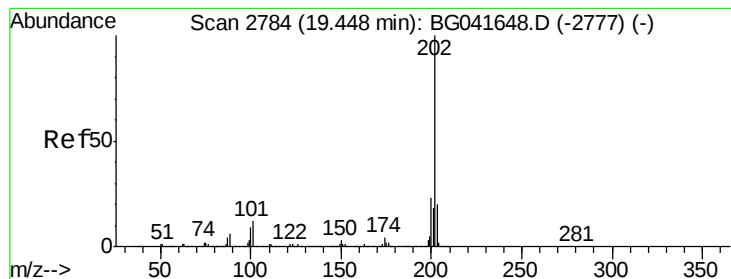
Tgt Ion:167 Resp: 1192440
 Ion Ratio Lower Upper
 167 100
 166 24.8 21.4 32.2
 139 13.2 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 39.888 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion:149 Resp: 1318401
 Ion Ratio Lower Upper
 149 100
 150 11.3 10.2 15.2
 104 5.9 5.3 7.9





#75

Fluoranthene

Concen: 43.148 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

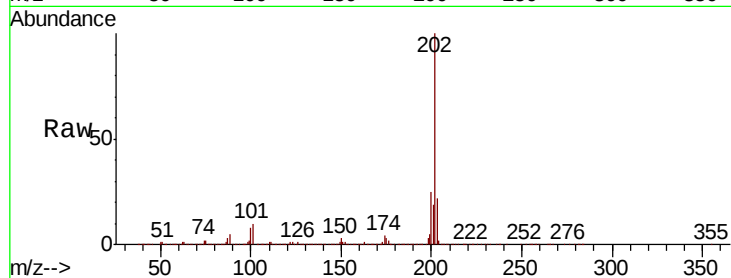
Tgt Ion:202 Resp: 1553111

Ion Ratio Lower Upper

202 100

101 9.8 0.0 32.8

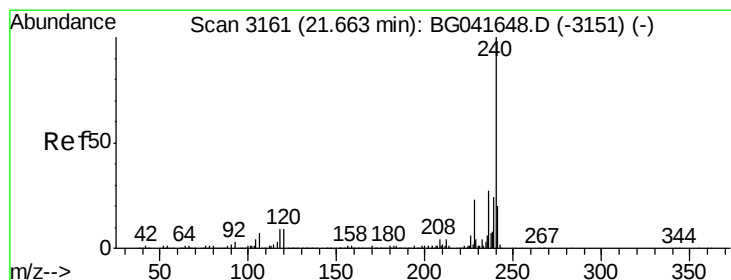
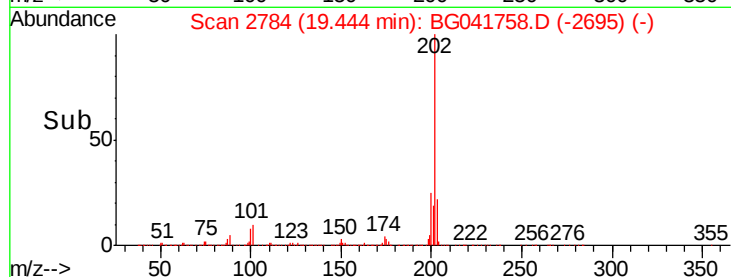
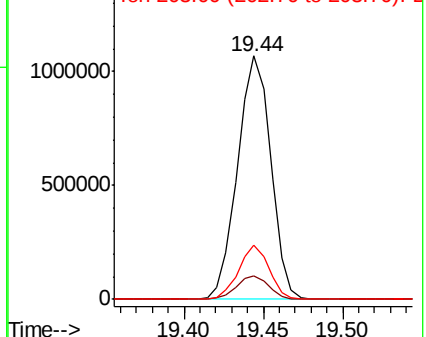
203 22.1 3.7 43.7



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: BG041758.D

Acq: 23 Jul 2019 16:33

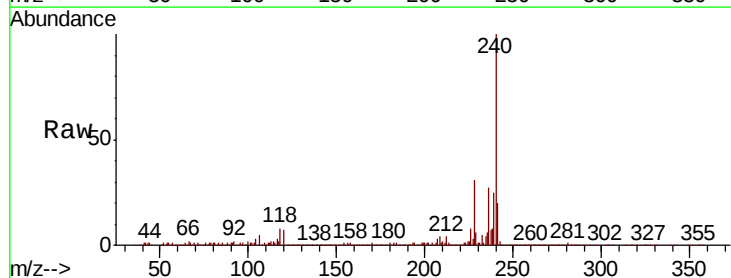
Tgt Ion:240 Resp: 608139

Ion Ratio Lower Upper

240 100

120 6.9 8.0 12.0#

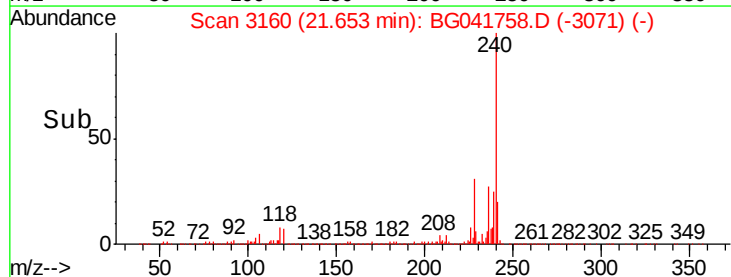
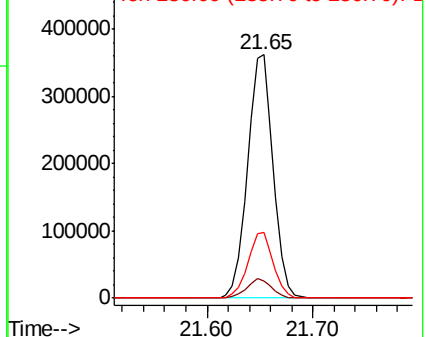
236 26.7 22.6 33.8

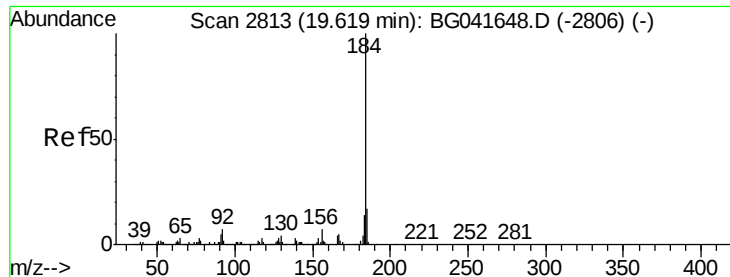


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.811 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampled :

TP-1SMSD

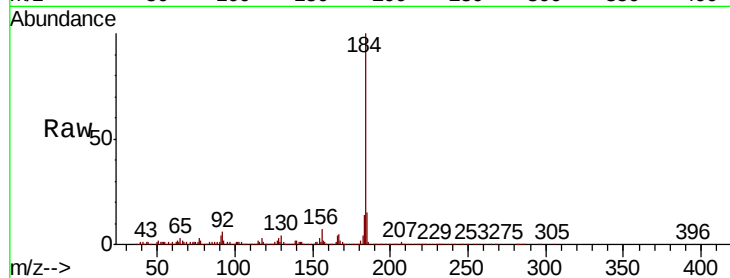
Tgt Ion:184 Resp: 626386

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.4

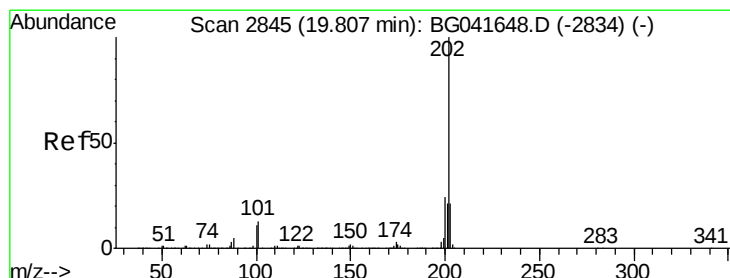
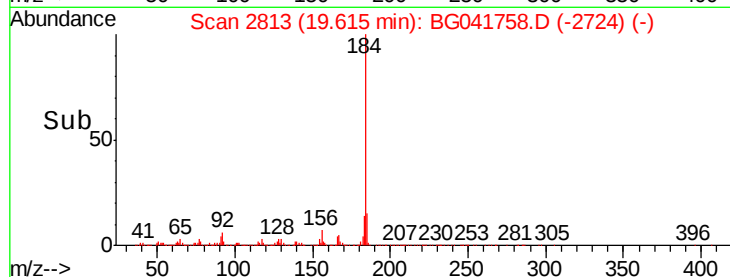
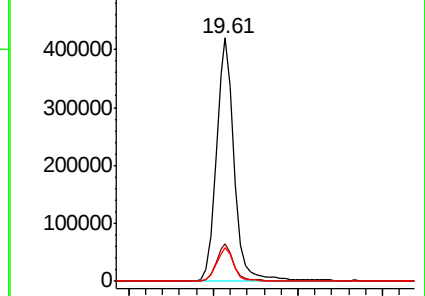
183 13.9 11.8 17.6



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: 38.590 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

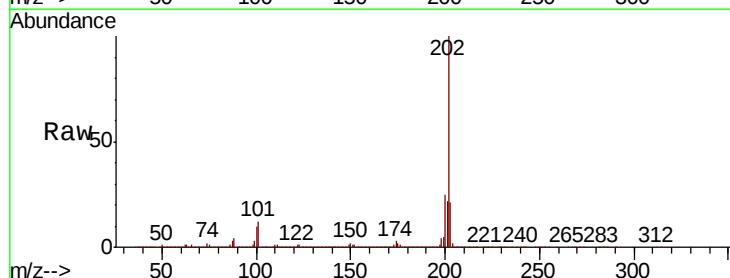
Tgt Ion:202 Resp: 1587205

Ion Ratio Lower Upper

202 100

200 24.9 22.2 33.2

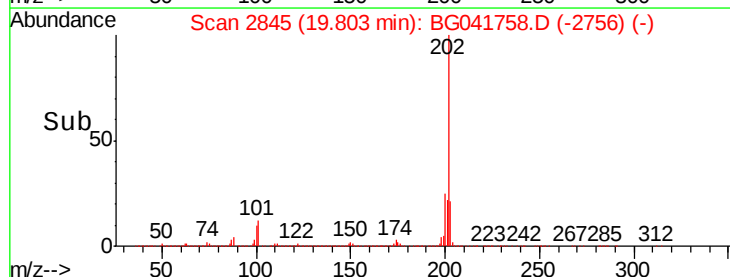
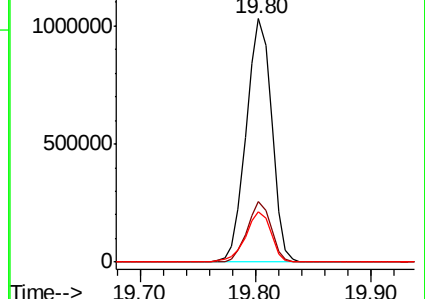
203 20.9 18.9 28.3

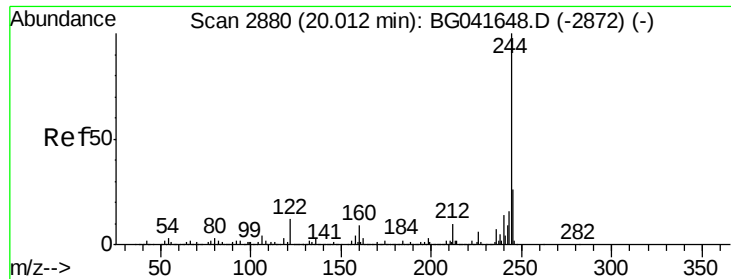


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.520 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

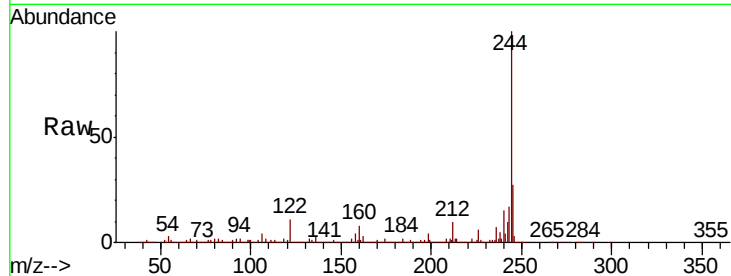
Tgt Ion:244 Resp: 2069401

Ion Ratio Lower Upper

244 100

212 9.8 9.7 14.5

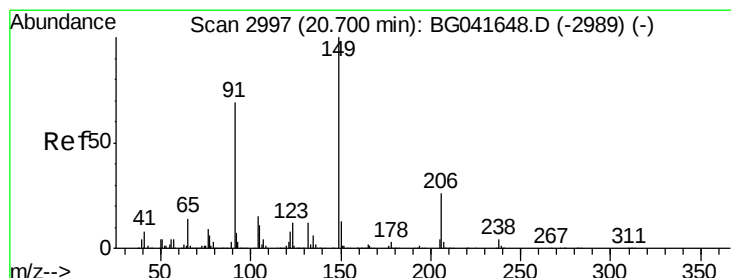
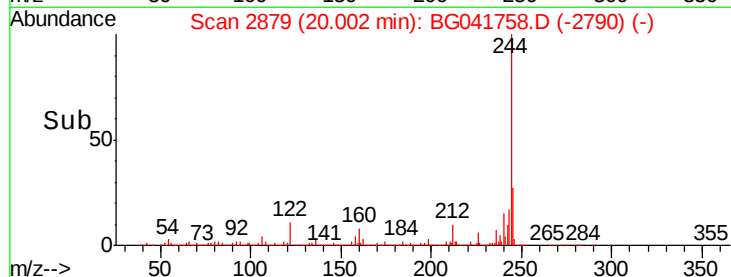
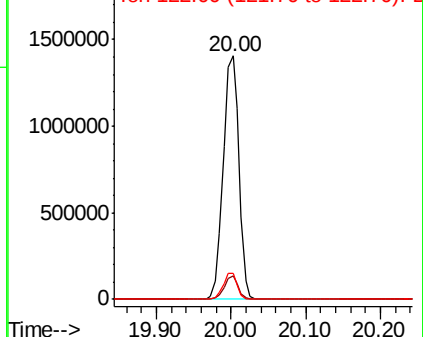
122 10.5 12.5 18.7#



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: 37.264 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

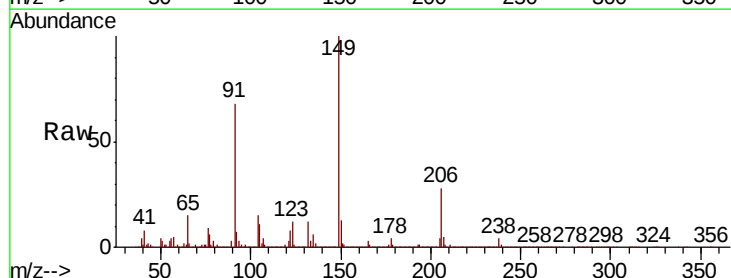
Tgt Ion:149 Resp: 636901

Ion Ratio Lower Upper

149 100

91 68.1 58.9 88.3

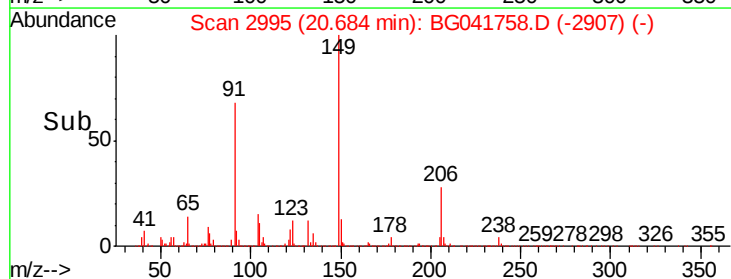
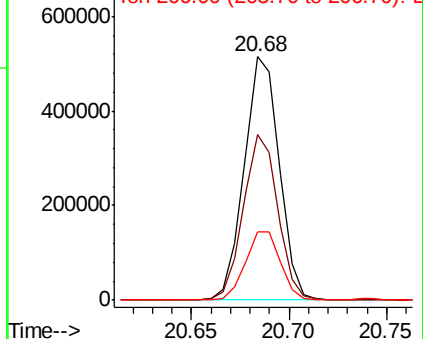
206 27.8 20.8 31.2

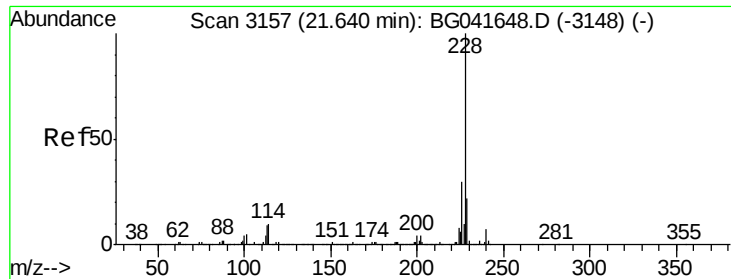


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

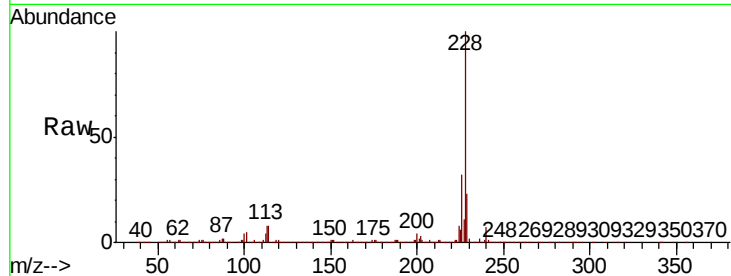




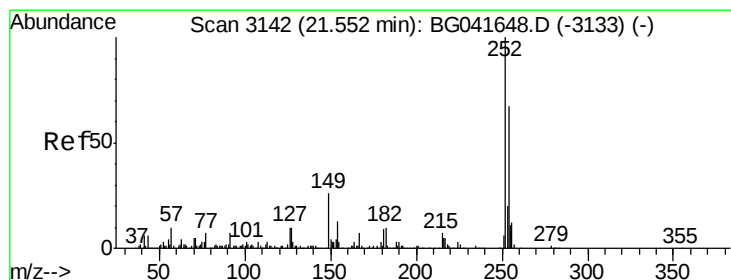
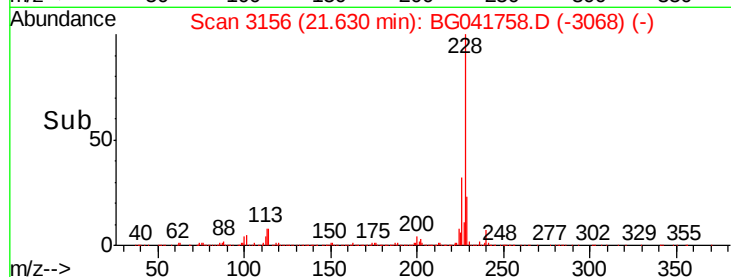
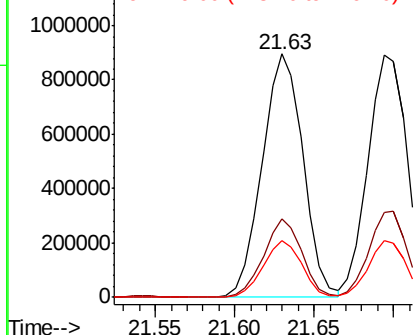
#81
Benzo(a)anthracene
Concen: 40.770 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tgt Ion:228 Resp: 1601950
Ion Ratio Lower Upper
228 100
226 32.1 27.3 40.9
229 23.3 19.7 29.5

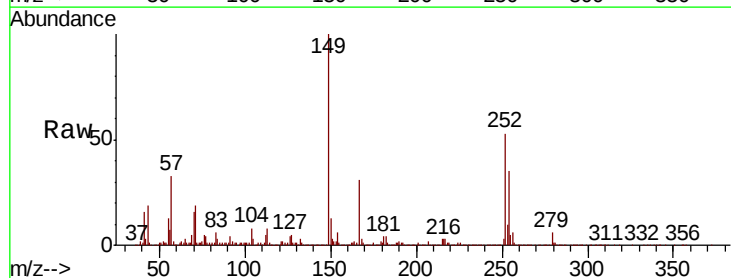


Abundance Ion 228.00 (227.70 to 228.70): E
1200000 Ion 226.00 (225.70 to 226.70): E
1000000 Ion 229.00 (228.70 to 229.70): E

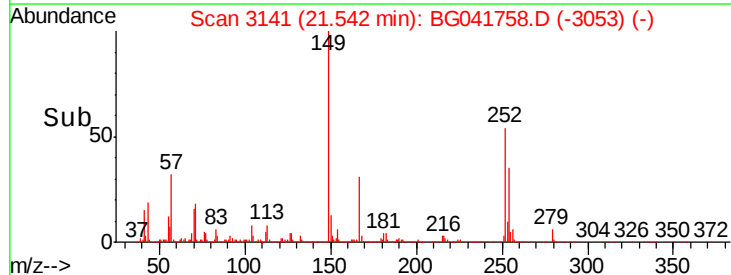
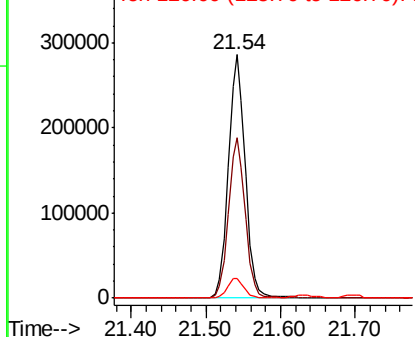


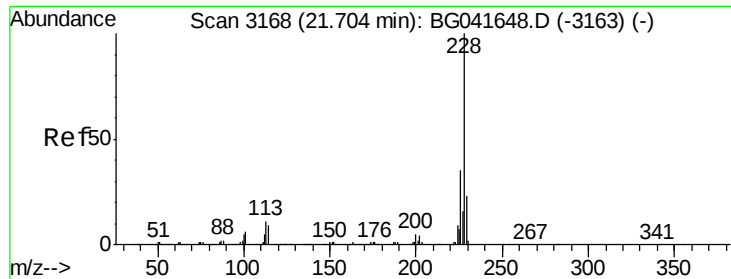
#82
3,3'-Dichlorobenzidine
Concen: 29.248 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:252 Resp: 452222
Ion Ratio Lower Upper
252 100
254 65.8 53.8 80.6
126 8.2 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 254.00 (253.70 to 254.70): E
300000 Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.835 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

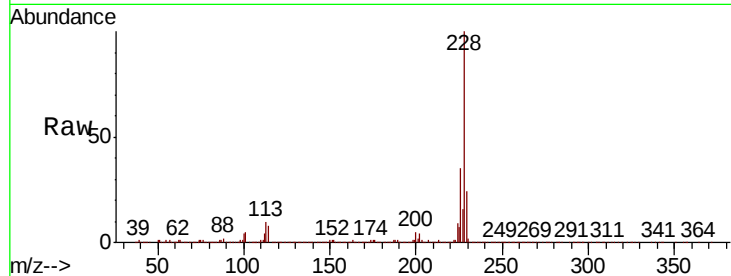
Tgt Ion:228 Resp: 1533180

Ion Ratio Lower Upper

228 100

226 35.2 30.1 45.1

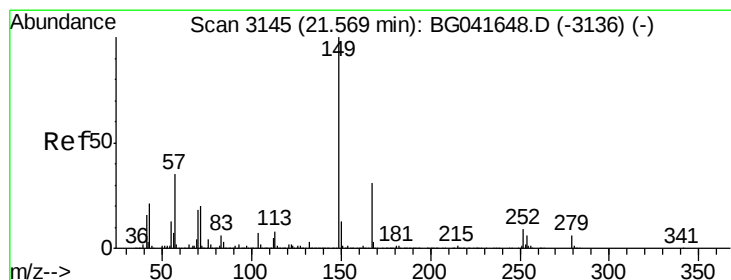
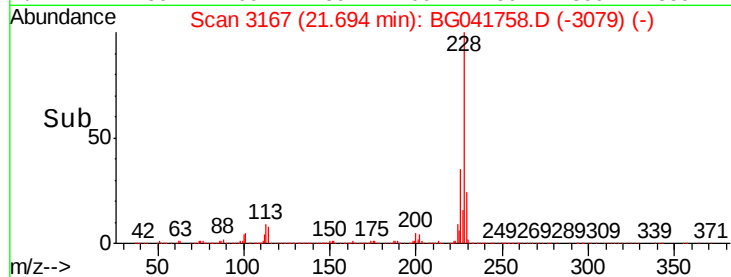
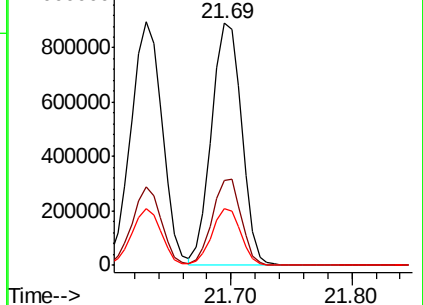
229 23.6 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.666 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.03 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

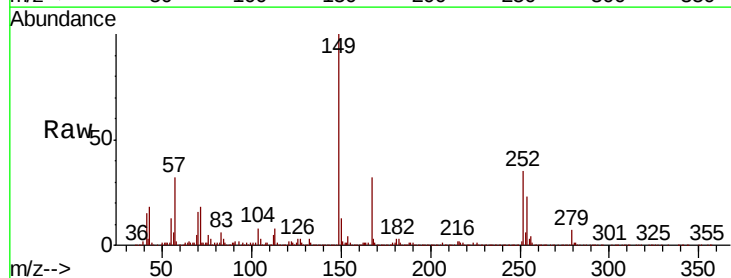
Tgt Ion:149 Resp: 908957

Ion Ratio Lower Upper

149 100

167 31.7 27.0 40.4

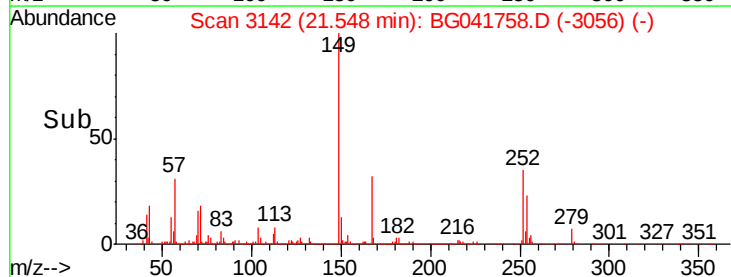
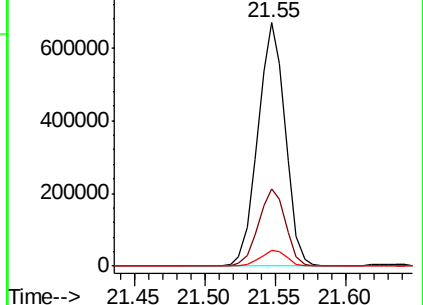
279 6.5 5.0 7.6

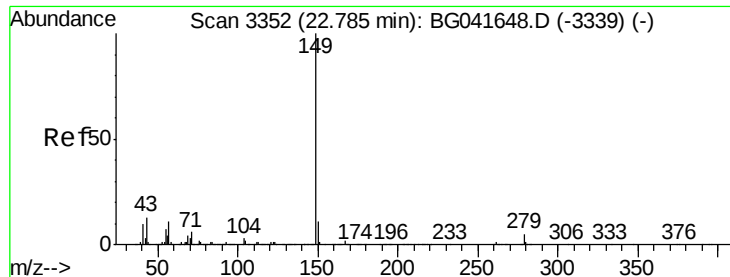


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.217 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.03 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

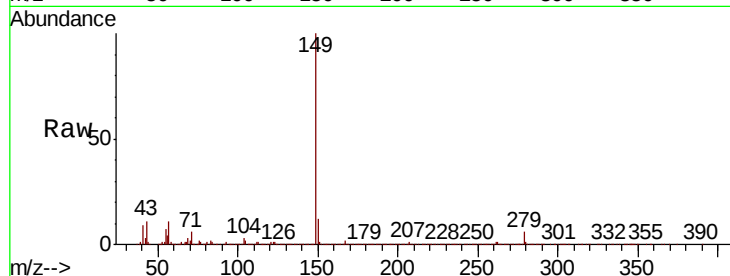
Tgt Ion:149 Resp: 1570552

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

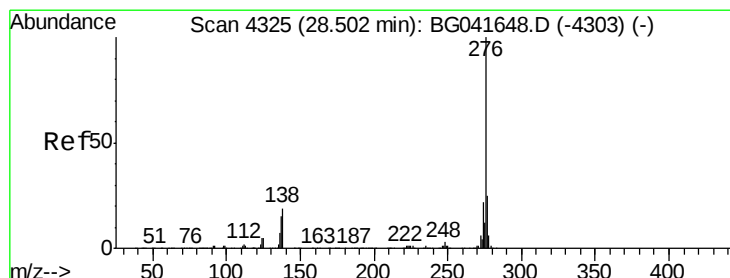
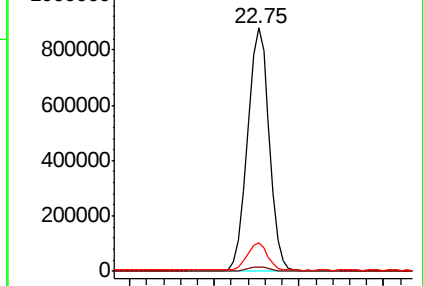
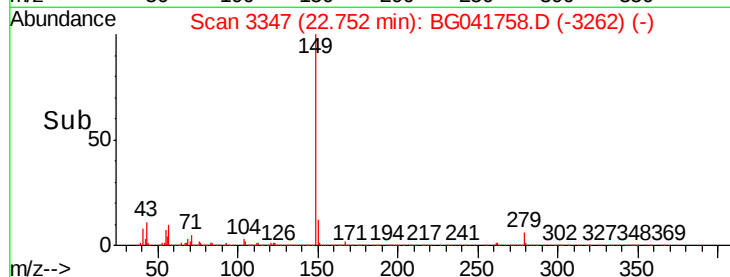
43 10.6 10.6 16.0#



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: 41.828 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.04 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

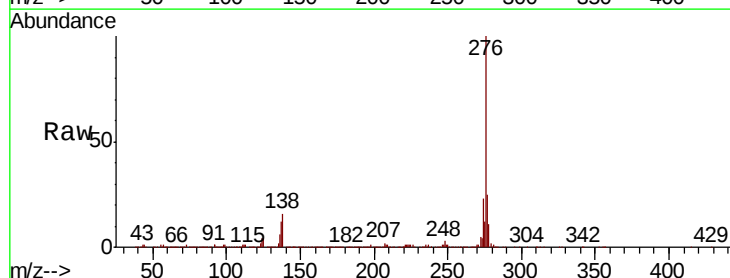
Tgt Ion:276 Resp: 2072170

Ion Ratio Lower Upper

276 100

138 13.9 19.4 29.0#

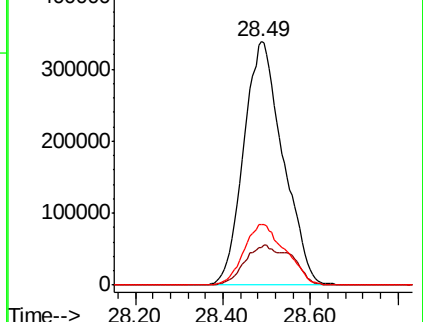
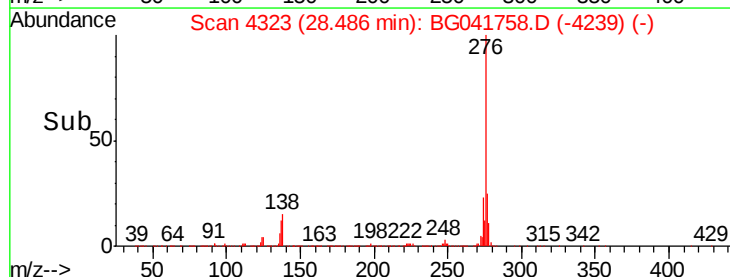
277 26.4 21.2 31.8

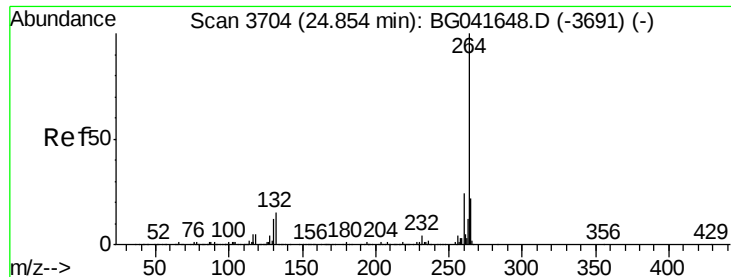


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

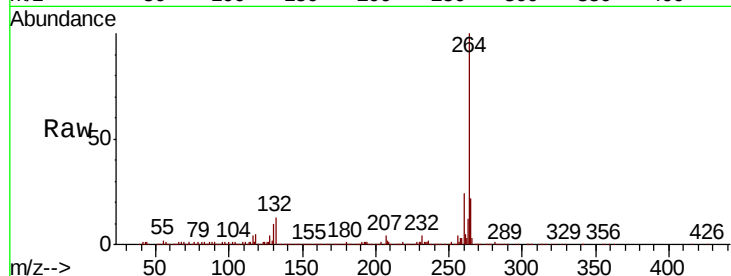
Tgt Ion:264 Resp: 718274

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

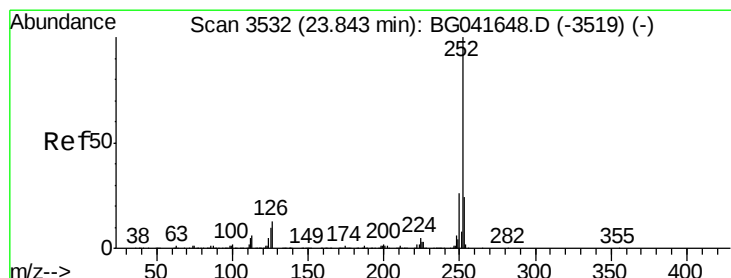
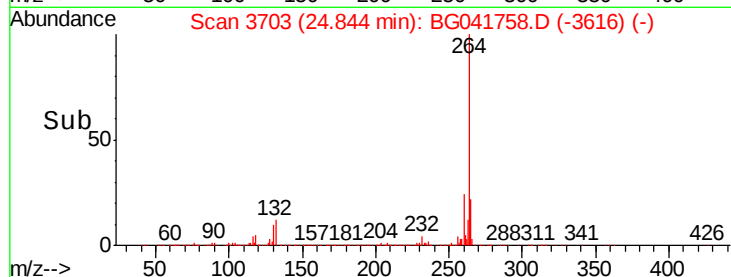
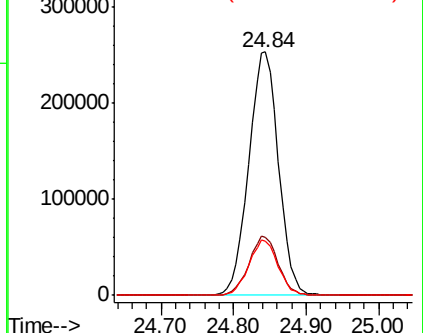
265 22.4 18.0 27.0



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: 39.667 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

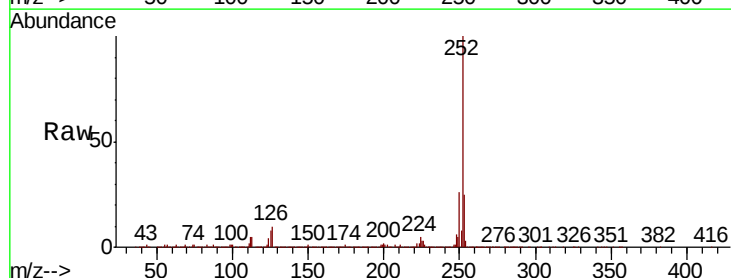
Tgt Ion:252 Resp: 1728253

Ion Ratio Lower Upper

252 100

253 24.8 20.6 30.8

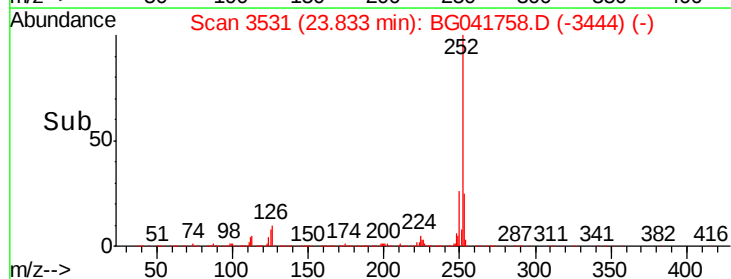
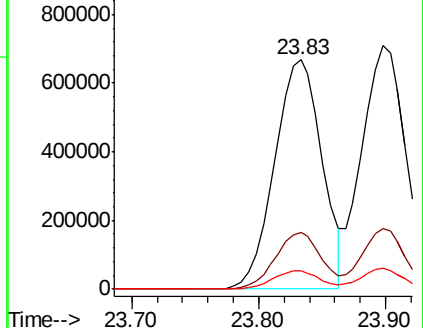
125 8.2 8.0 12.0

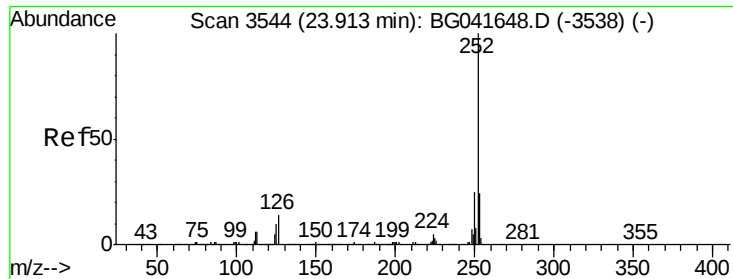


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

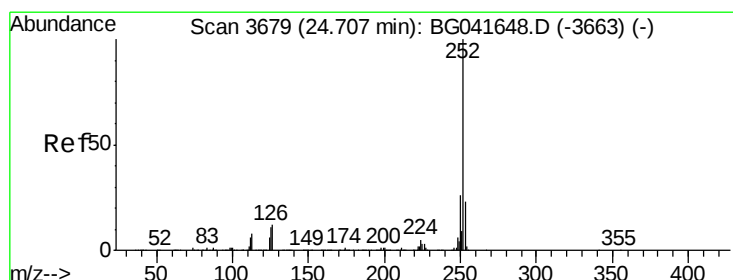
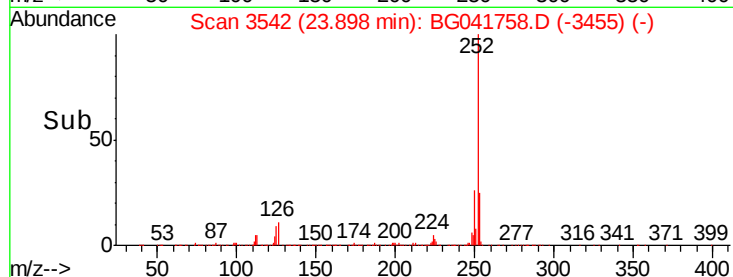
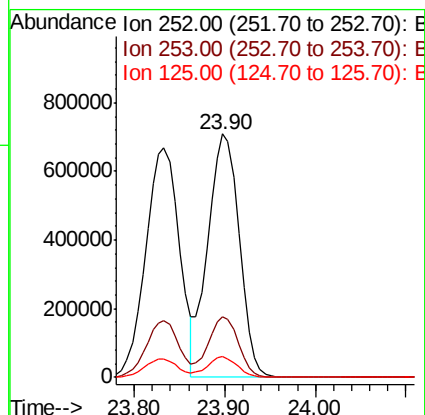
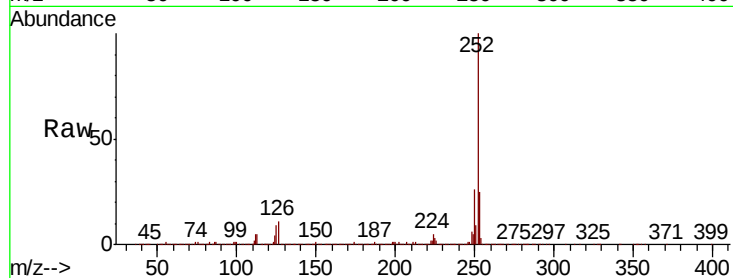




#89
Benzo(k)fluoranthene
Concen: 42.360 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.02 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

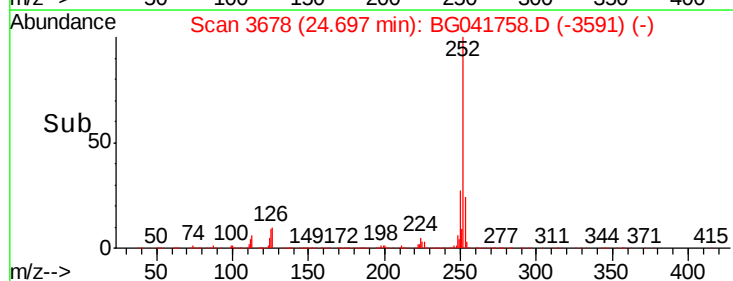
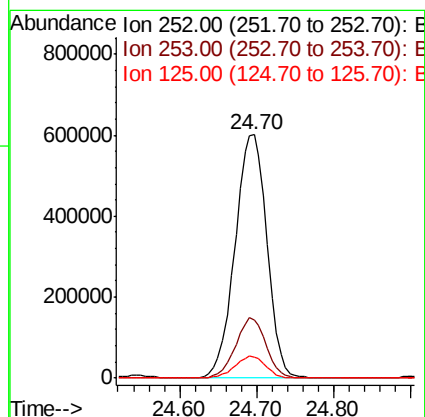
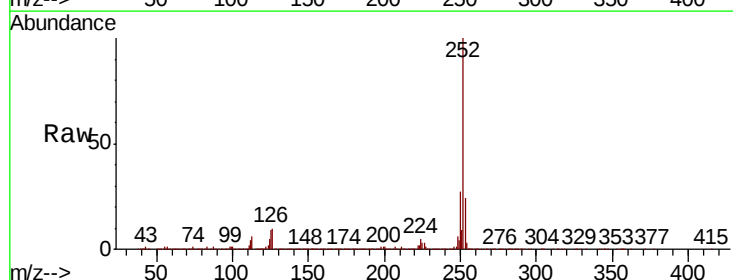
Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

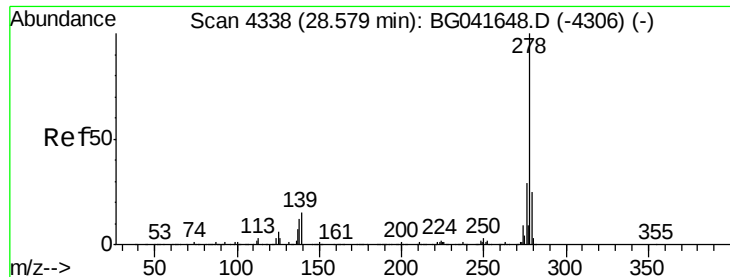
Tgt Ion:252 Resp: 1710124
Ion Ratio Lower Upper
252 100
253 25.1 20.5 30.7
125 8.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.190 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:252 Resp: 1739148
Ion Ratio Lower Upper
252 100
253 23.9 19.8 29.8
125 8.7 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 42.148 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.04 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampled :

TP-1SMSD

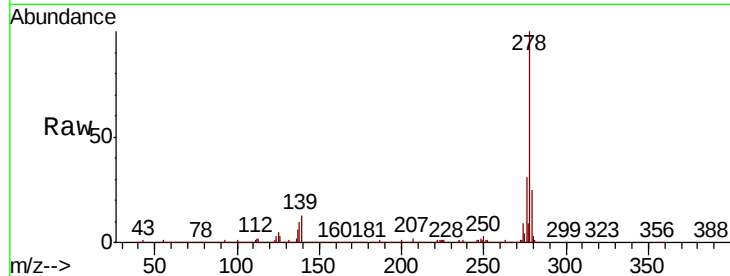
Tgt Ion:278 Resp: 1684581

Ion Ratio Lower Upper

278 100

139 12.5 12.6 19.0#

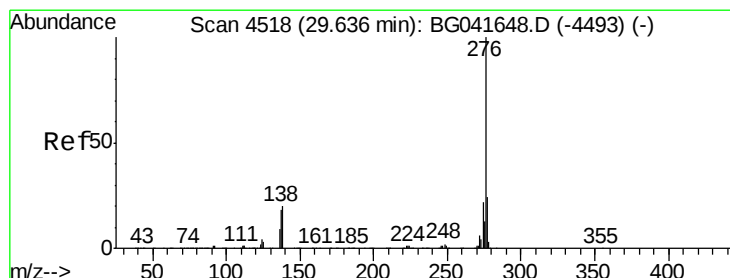
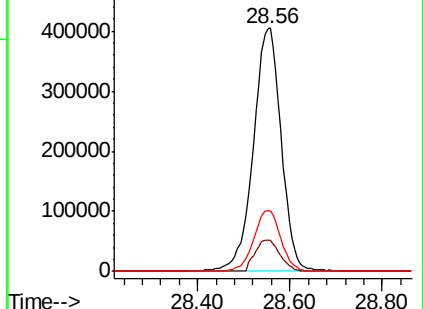
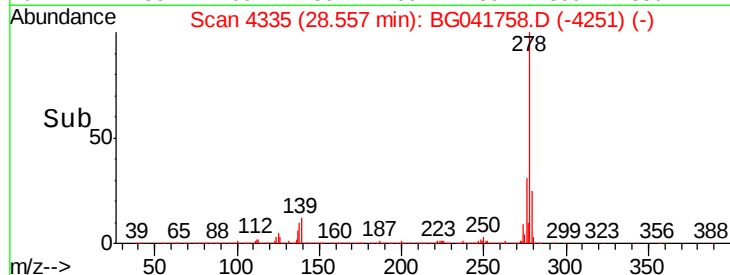
279 24.8 20.5 30.7



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: 42.634 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.04 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

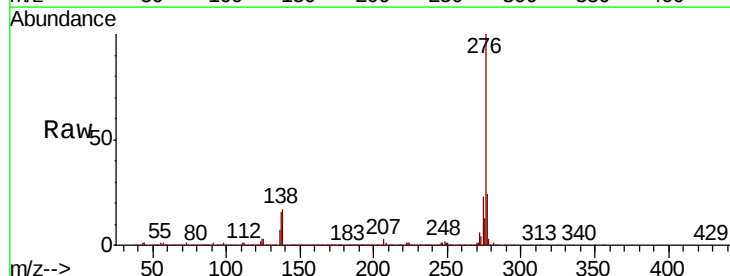
Tgt Ion:276 Resp: 1707639

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 16.5 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

