

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041677.D
 Acq On : 17 Jul 2019 3:15
 Operator : HP/JU
 Sample : PB121423BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Quant Time: Jul 17 07:22:46 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	7125	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2457	20.00	ng	-0.36
39) Acenaphthene-d10	14.12	164	112560	20.00	ng	-0.55
64) Phenanthrene-d10	16.72	188	3735	20.00	ng	-0.69
76) Chrysene-d12	20.78	240	312	20.00	ng	-0.89
87) Perylene-d12	24.00	264	57	20.00	ng	-0.86

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	896102	2056.00	ng	0.00
7) Phenol-d6	7.20	99	1243655	2121.44	ng	0.00
23) Nitrobenzene-d5	9.21	82	744478	18427.13	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	89246	431.135	ng	94
3) Pyridine	3.88	79	241950	437.870	ng	93
4) n-Nitrosodimethylamine	3.80	42	146725	574.995	ng	100
6) Aniline	7.37	93	369731	469.266	ng	100
8) 2-Chlorophenol	7.62	128	333436	675.765	ng	98
9) Benzaldehyde	7.18	77	165209	Below Cal		95
10) Phenol	7.23	94	424318	686.996	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	309059	619.573	ng	96
12) 1,3-Dichlorobenzene	7.94	146	341287	579.680	ng	99
13) 1,4-Dichlorobenzene	8.09	146	352192	597.335	ng	98
14) 1,2-Dichlorobenzene	8.40	146	332677	598.454	ng	96
15) Benzyl Alcohol	8.28	79	312265	669.069	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	620745	600.548	ng	99
17) 2-Methylphenol	8.48	107	292242	684.188	ng	98
18) Hexachloroethane	9.14	117	125217	579.826	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	269556	629.093	ng	99
20) 3+4-Methylphenols	8.81	107	408342	697.622	ng	99
22) Acetophenone	8.87	105	484141	8090.376	ng	98
24) Nitrobenzene	9.25	77	370058	8396.558	ng	99
25) Isophorone	9.78	82	714399	8075.283	ng	98
26) 2-Nitrophenol	9.96	139	182325	8148.274	ng	99
27) 2,4-Dimethylphenol	10.02	122	333075	9515.555	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	438668	8045.203	ng	100
29) 2,4-Dichlorophenol	10.49	162	358488	8982.780	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	367965	7852.679	ng	97
31) Naphthalene	10.91	128	995253	8227.805	ng	98
32) Benzoic acid	10.15	122	212647	7006.117	ng	97
33) 4-Chloroaniline	11.00	127	243041	4355.866	ng	99
34) Hexachlorobutadiene	11.20	225	227510	7554.112	ng	98
35) Caprolactam	11.77	113	87034	5933.303	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	365951	8753.050	ng	99
37) 2-Methylnaphthalene	12.50	142	773595	8370.788	ng	99
38) 1-Methylnaphthalene	12.50	142	773595	8780.338	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	363987	94.405	ng	99

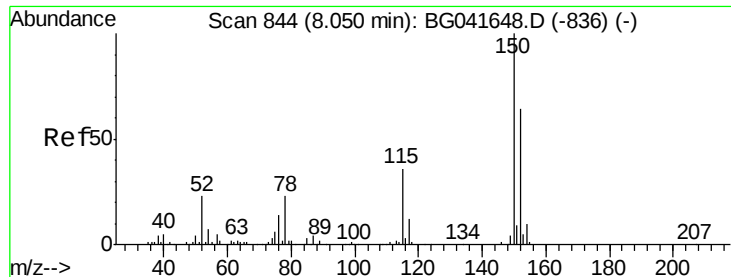
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	489652	224.505	nq	97
44) 2,4,5-Trichlorophenol	13.10	196	307838	116.627	nq	# 92
47) 2-Chloronaphthalene	13.10	162	26654	3.793	nq	# 60
48) 2-Nitroaniline	13.51	65	10830	5.293	nq	# 15
49) Acenaphthylene	14.17	152	11662	1.063	nq	# 62
50) Dimethylphthalate	13.55	163	96391	10.904	nq	# 1
51) 2,6-Dinitrotoluene	13.55	165	30134	16.070	nq	# 1
52) Acenaphthene	14.01	154	526	0.076	nq	# 1
53) 3-Nitroaniline	14.01	138	8478	4.142	nq	# 1
55) Dibenzofuran	14.33	168	106785	10.292	nq	# 48
56) 4-Nitrophenol	14.56	139	12955	7.817	nq	# 1
57) 2,4-Dinitrotoluene	14.23	165	236157	95.274	nq	# 81
58) Fluorene	15.21	166	71774	8.502	nq	# 6
60) Diethylphthalate	15.02	149	6572	0.738	nq	# 63
61) 4-Chlorophenyl-phenylether	15.21	204	635	0.133	nq	# 1
62) 4-Nitroaniline	15.07	138	24271	11.180	nq	# 25
63) Azobenzene	15.48	77	47084	5.848	nq	# 1
65) 4,6-Dinitro-2-methylphenol	15.21	198	17179	840.845	nq	# 40
66) n-Nitrosodiphenylamine	15.29	169	26351	240.245	nq	# 1
67) 4-Bromophenyl-phenylether	16.15	248	37843	851.519	nq	# 1
69) Atrazine	16.14	200	195	4.899	nq	# 1
71) Phenanthrene	16.71	178	3652	19.416	nq	# 1
72) Anthracene	16.85	178	748	3.989	nq	# 1
73) Carbazole	17.05	167	178147	1024.501	nq	# 64
74) Di-n-butylphthalate	17.69	149	872	4.112	nq	# 72
75) Fluoranthene	18.78	202	62	0.268	nq	# 57
78) Pyrene	19.45	202	1786242	84650.004	nq	95
80) Butylbenzylphthalate	19.81	149	13895	1584.632	nq	# 23
81) Benzo(a)anthracene	20.92	228	25762	1277.974	nq	# 1
82) 3,3'-Dichlorobenzidine	20.62	252	56	7.060	nq	# 24
83) Chrysene	20.92	228	25762	1337.434	nq	# 1
84) Bis(2-ethylhexyl)phthalate	20.69	149	768551	62077.231	nq	# 48
85) Di-n-octyl phthalate	21.56	149	1082578	51346.280	nq	# 75
88) Benzo(b)fluoranthene	23.05	252	57	16.486	nq	# 56
89) Benzo(k)fluoranthene	23.10	252	78	24.347	nq	# 56
90) Benzo(a)pyrene	23.84	252	1916829	585963.153	nq	99
91) Dibenzo(a,h)anthracene	27.59	278	122	38.464	nq	# 54
92) Benzo(g,h,i)perylene	28.51	276	2252809	708762.066	nq	98

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

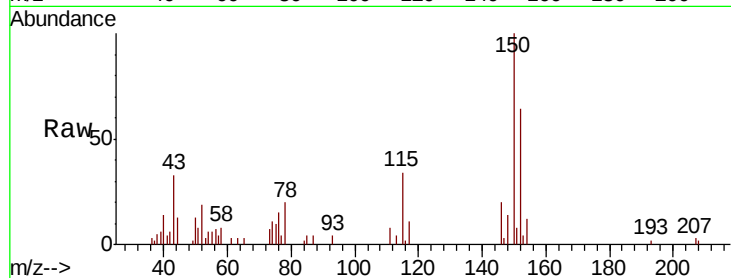


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.9	190.3
115	53.1	45.0	67.6

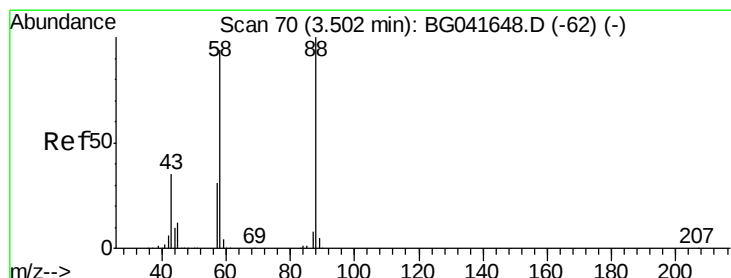
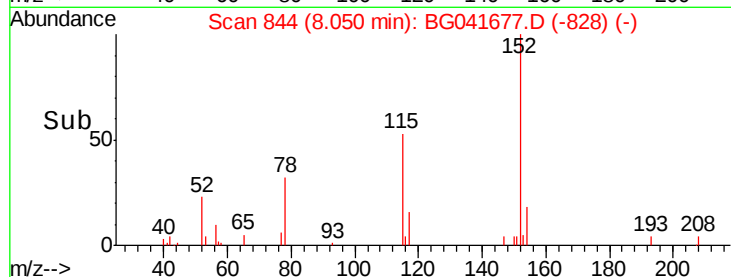
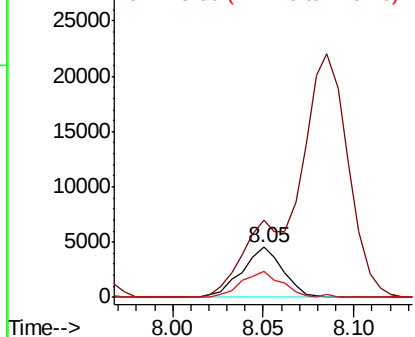


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

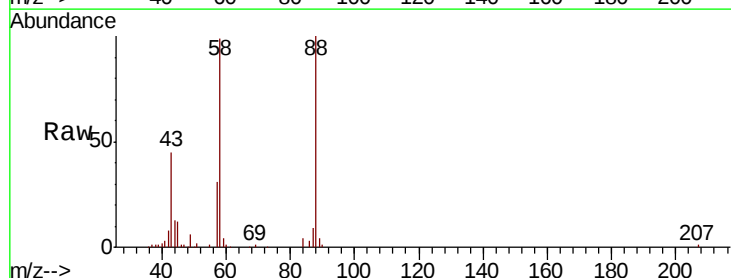
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 431.135 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.5	76.2	114.2
43	30.7	27.2	40.8

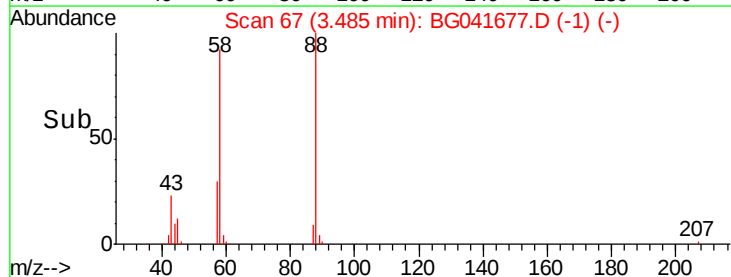
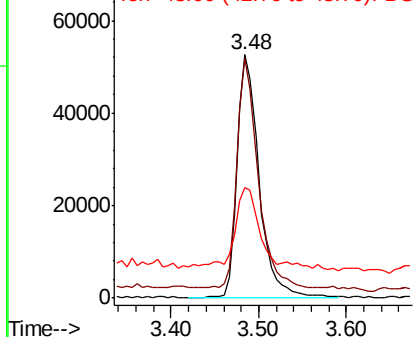


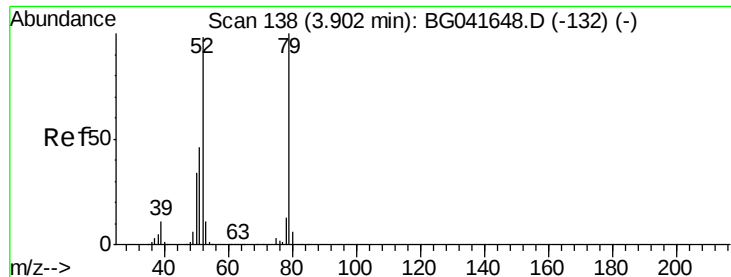
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 437.870 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

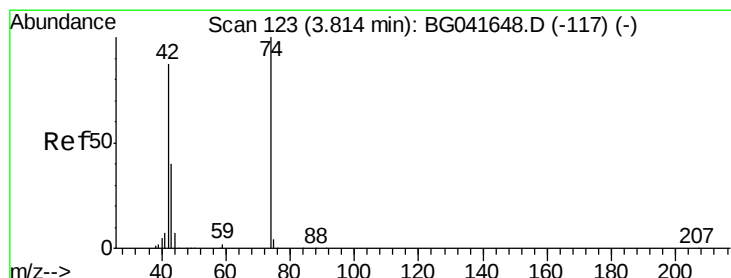
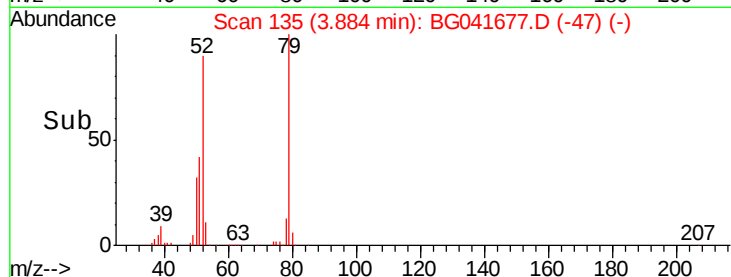
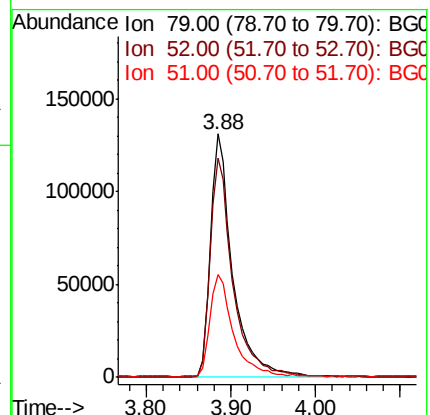
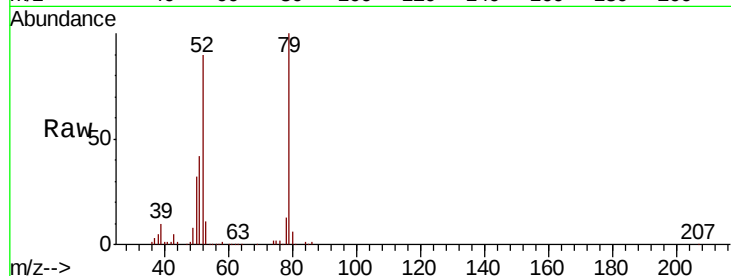
Tot Ion: 79 Resp: 241950

Ion Ratio Lower Upper

79 100

52 90.1 77.1 115.7

51 42.4 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 574.995 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

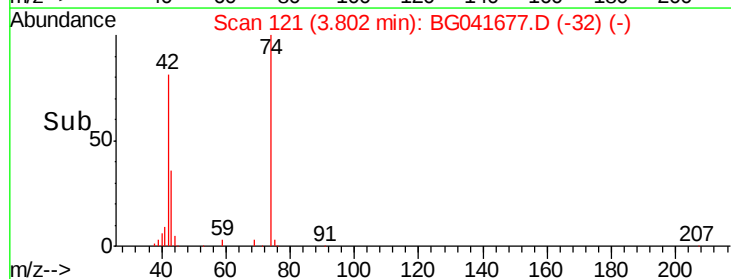
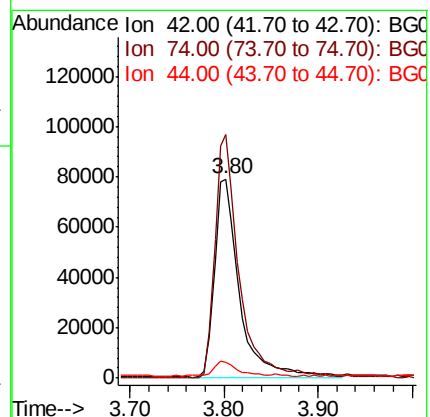
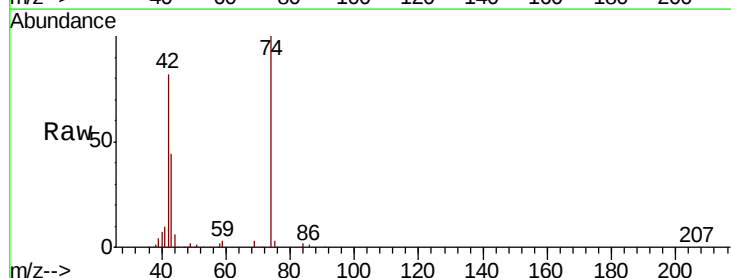
Tgt Ion: 42 Resp: 146725

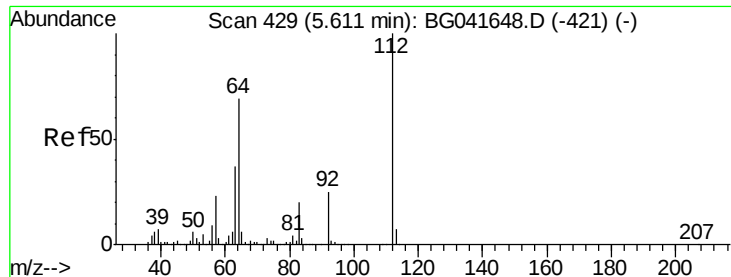
Ion Ratio Lower Upper

42 100

74 122.1 97.4 146.2

44 7.9 6.6 9.8





#5

2-Fluorophenol

Concen: 2056.002 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

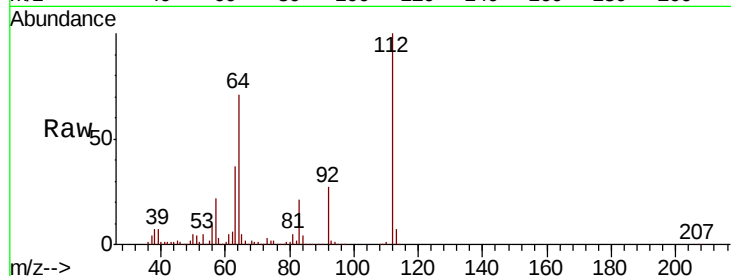
Tot Ion:112 Resp: 896102

Ion Ratio Lower Upper

112 100

64 70.7 55.4 83.2

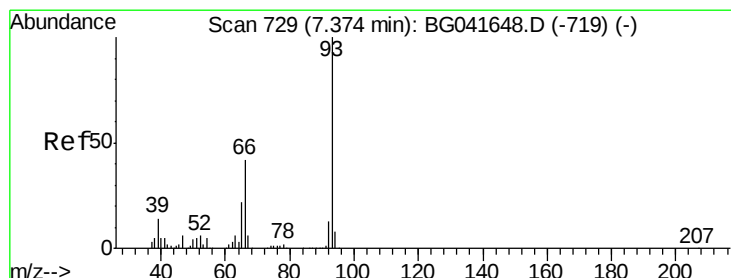
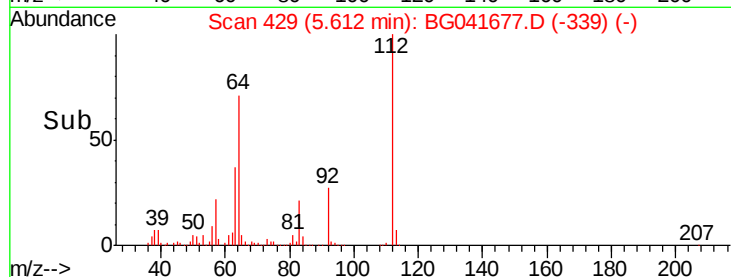
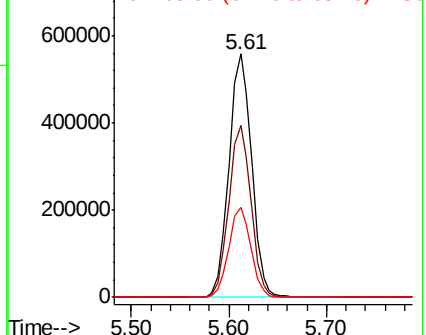
63 37.1 29.1 43.7



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: 469.266 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

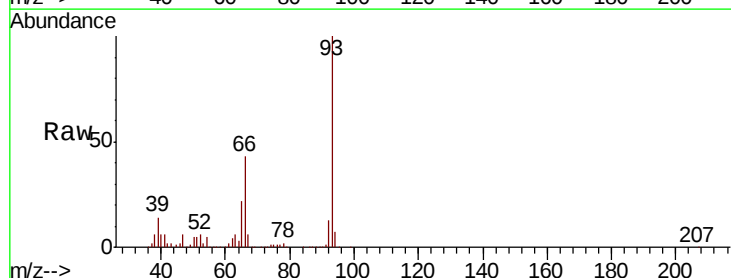
Tgt Ion: 93 Resp: 369731

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.2

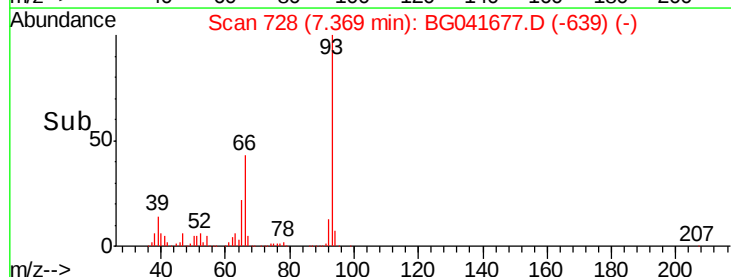
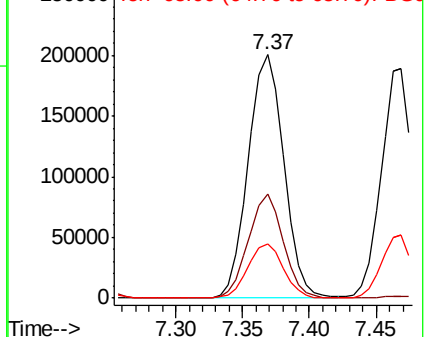
65 22.4 18.2 27.2

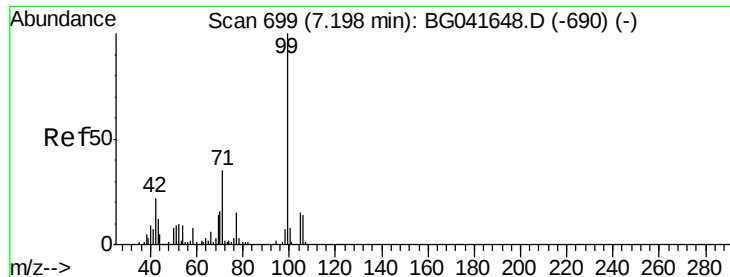


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 2121.435 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

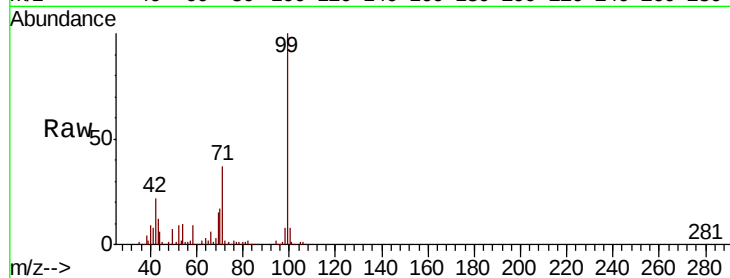
Tot Ion: 99 Resp: 1243655

Ion Ratio Lower Upper

99 100

42 21.8 17.6 26.4

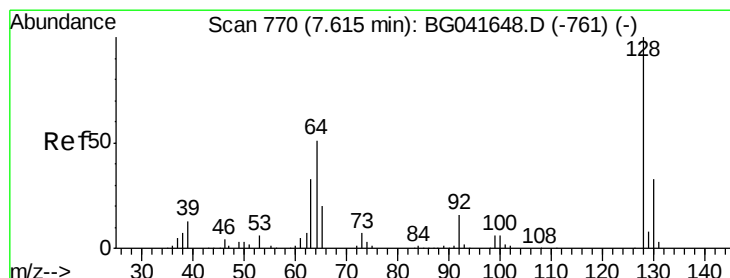
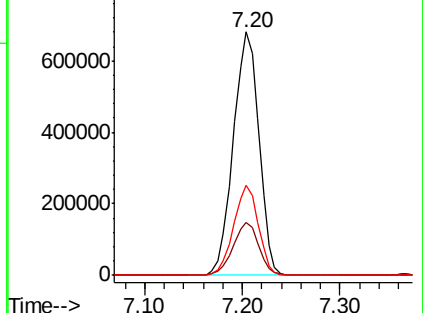
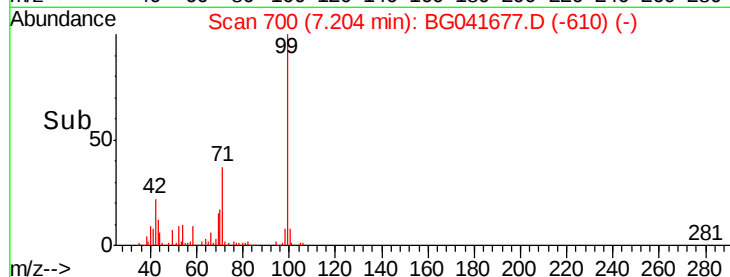
71 36.9 27.8 41.6



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: 675.765 ng

RT: 7.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

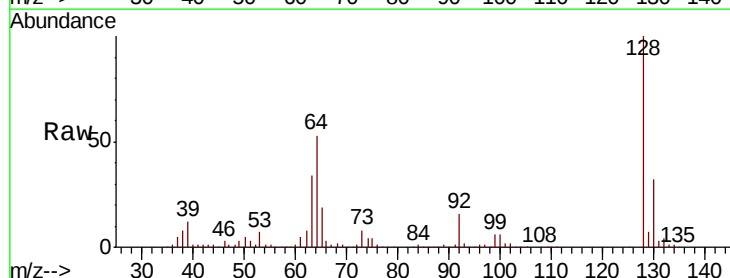
Tgt Ion: 128 Resp: 333436

Ion Ratio Lower Upper

128 100

130 32.1 12.4 52.4

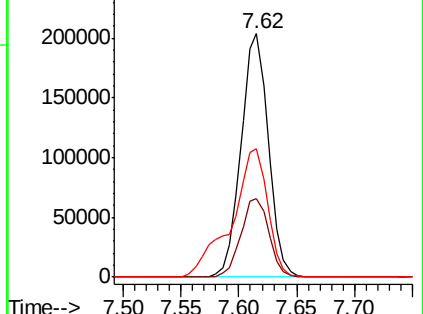
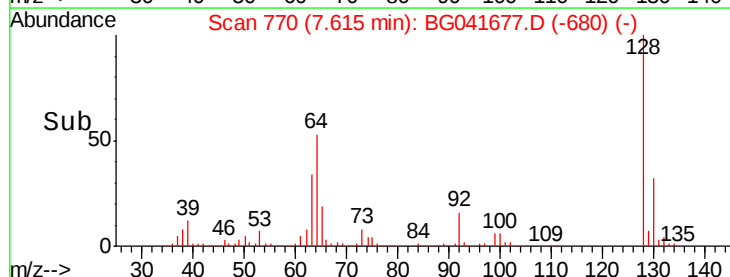
64 52.8 34.9 74.9

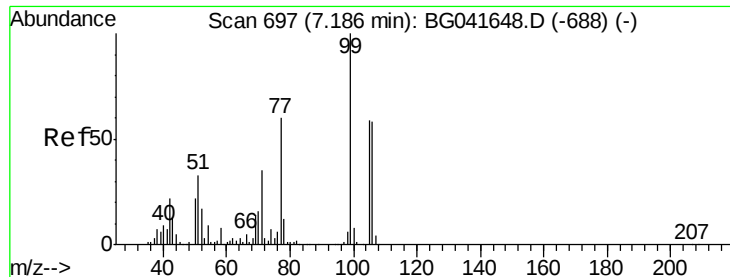


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: Below Cal

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

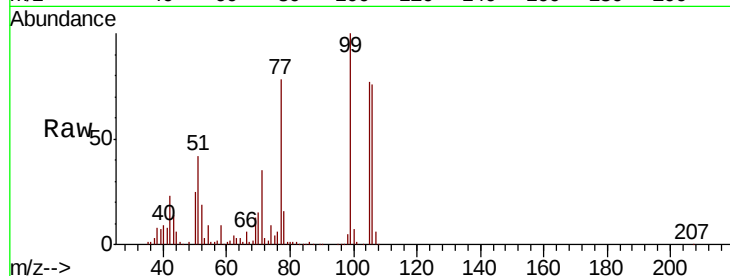
Tot Ion: 77 Resp: 165209

Ion Ratio Lower Upper

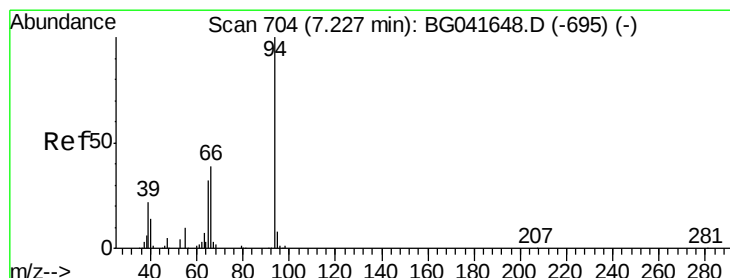
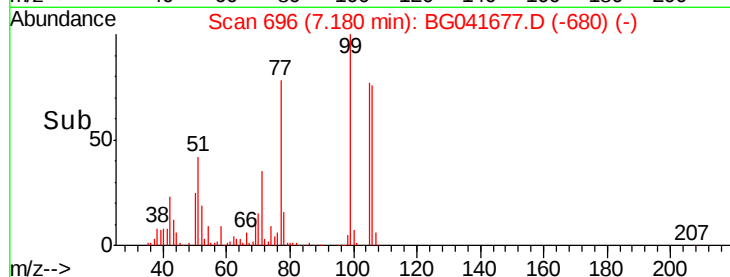
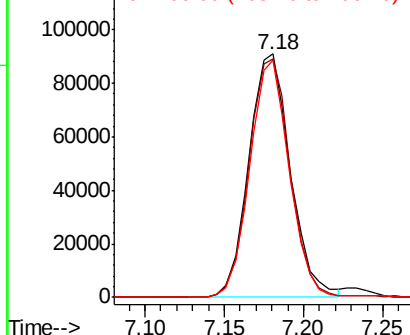
77 100

105 98.1 74.6 114.6

106 97.3 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: 686.996 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

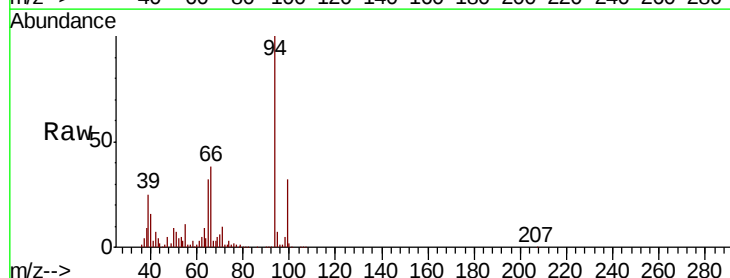
Tgt Ion: 94 Resp: 424318

Ion Ratio Lower Upper

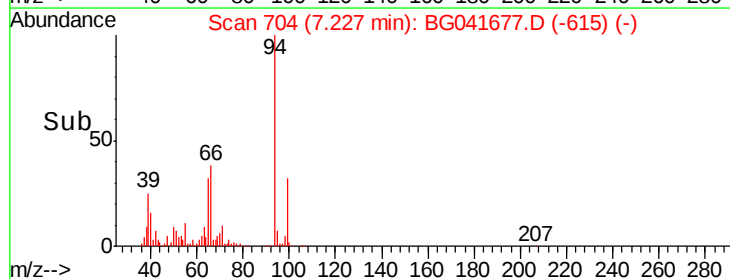
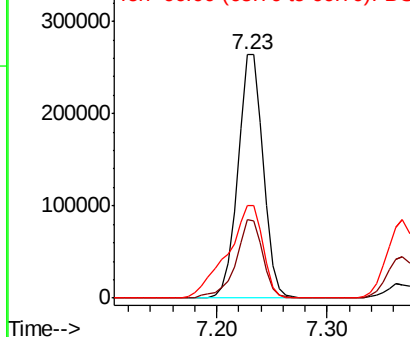
94 100

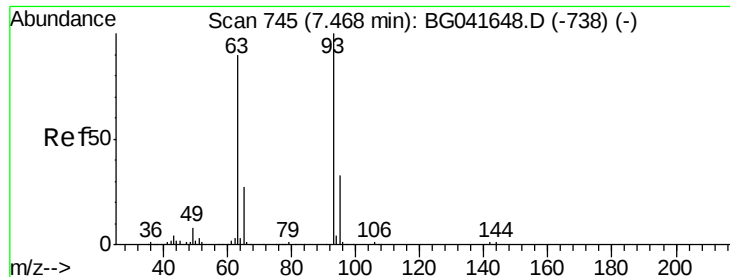
65 32.5 10.6 50.6

66 38.3 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



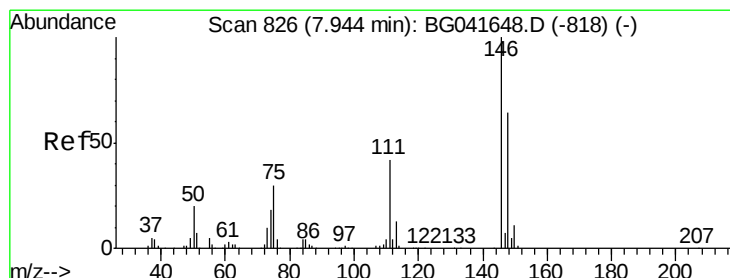
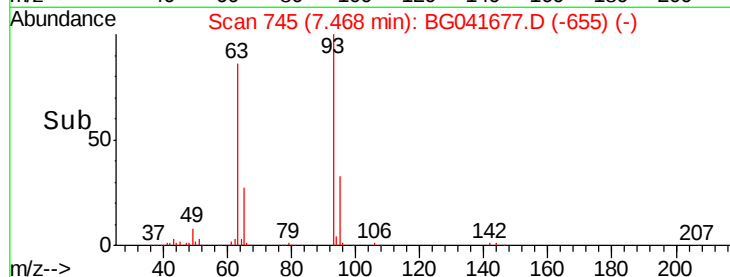
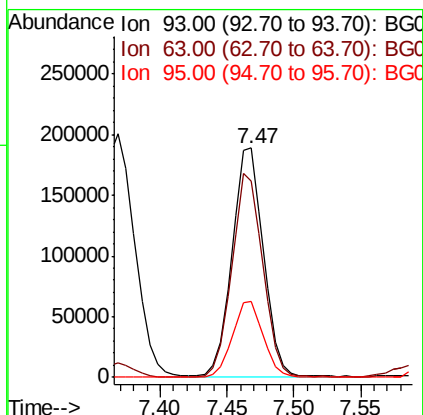
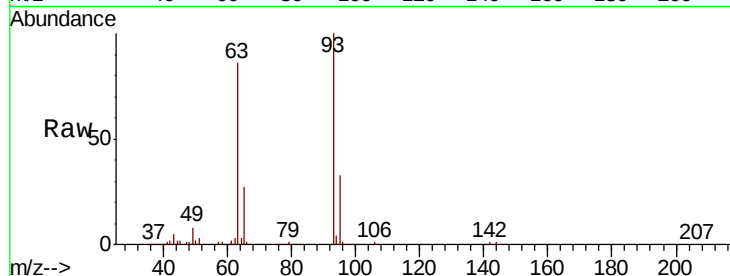


#11

bis(2-Chloroethyl)ether
Concen: 619.573 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Instrument :
BNA_G
ClientSampleId :
PB121423BS

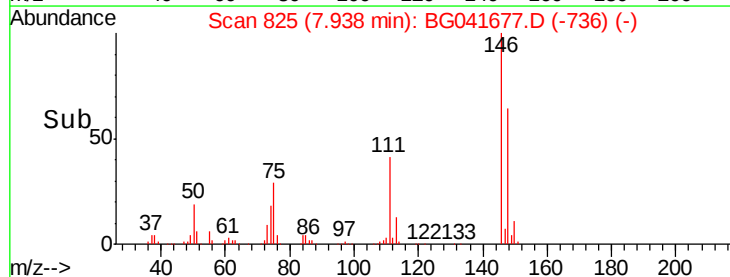
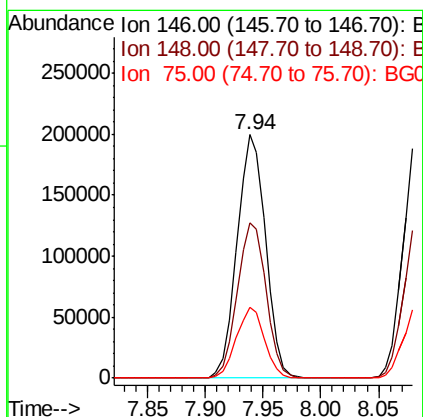
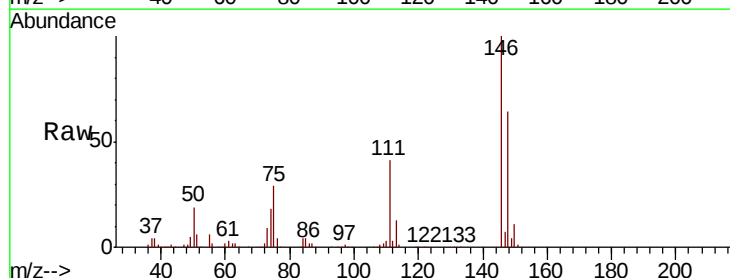
Tot Ion: 93 Resp: 309059
Ion Ratio Lower Upper
93 100
63 85.6 70.4 110.4
95 33.0 12.8 52.8

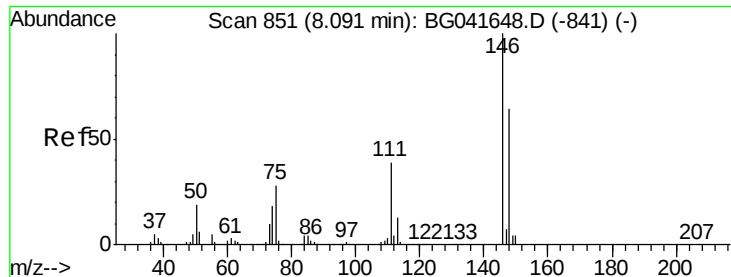


#12

1,3-Dichlorobenzene
Concen: 579.680 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion: 146 Resp: 341287
Ion Ratio Lower Upper
146 100
148 63.6 51.5 77.3
75 28.8 23.2 34.8

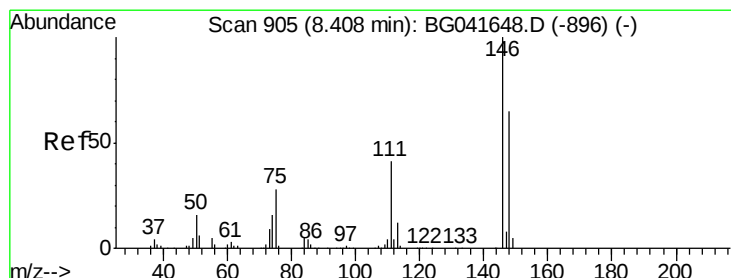
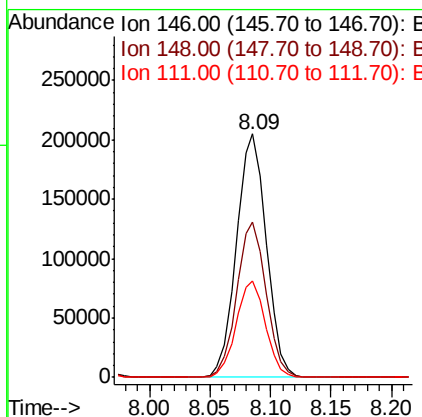
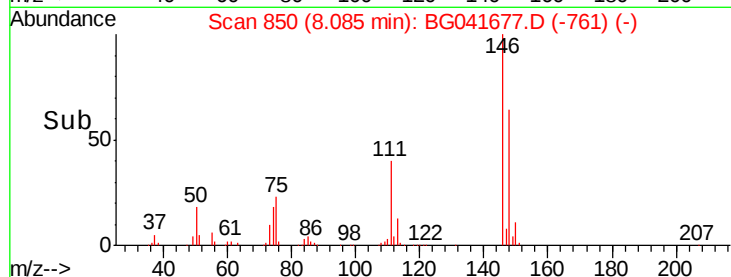
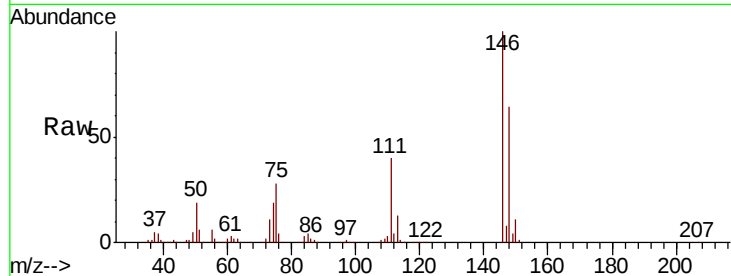




#13
 1,4-Dichlorobenzene
 Concen: 597.335 ng
 RT: 8.09 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

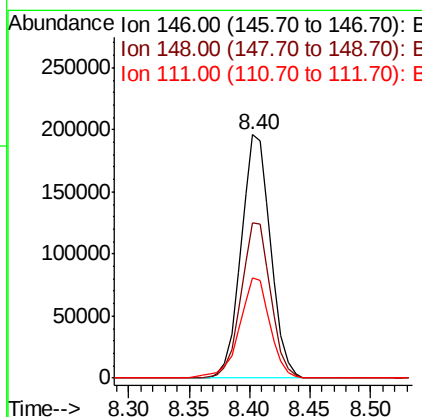
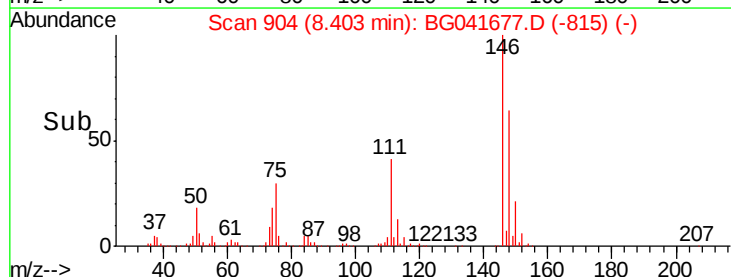
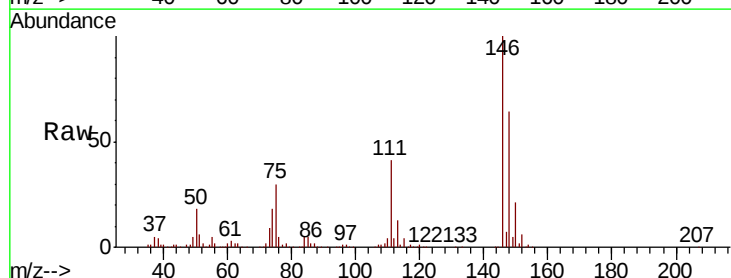
Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

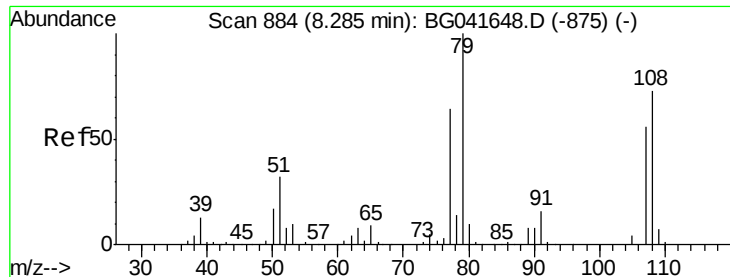
Tot Ion:146 Resp: 352192
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.6 79.0
 111 39.6 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 598.454 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Tgt Ion:146 Resp: 332677
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.5 80.3
 111 41.4 35.4 53.0





#15

Benzyl Alcohol

Concen: 669.069 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

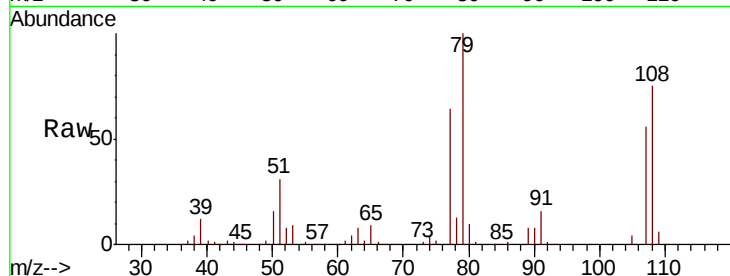
Tot Ion: 79 Resp: 312265

Ion Ratio Lower Upper

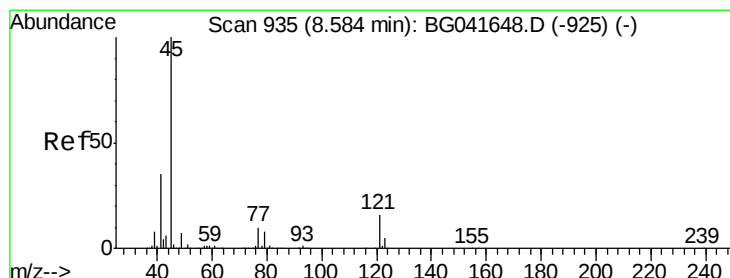
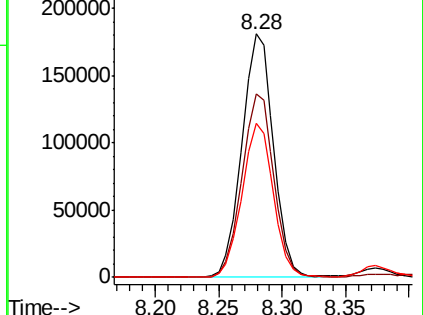
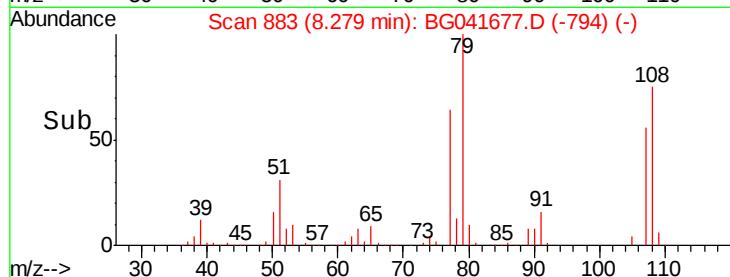
79 100

108 75.1 60.5 90.7

77 63.5 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 600.548 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

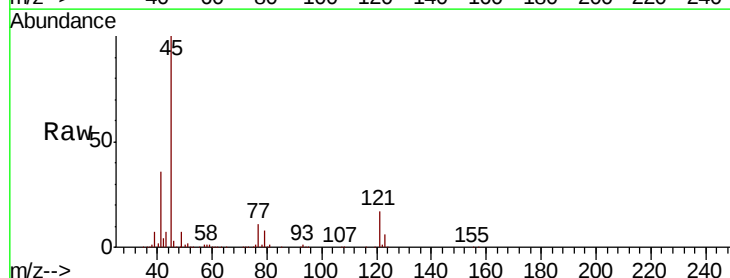
Tgt Ion: 45 Resp: 620745

Ion Ratio Lower Upper

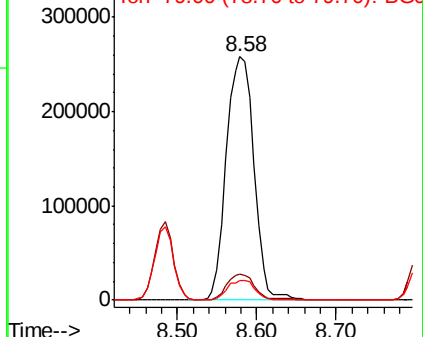
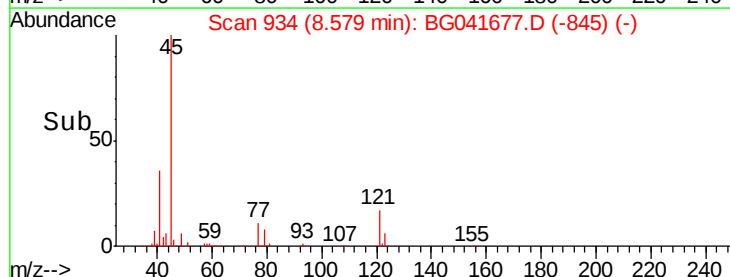
45 100

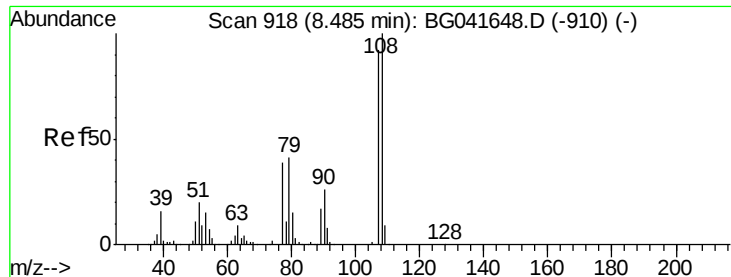
77 10.8 0.0 30.4

79 7.8 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: 684.188 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion:107 Resp: 292242

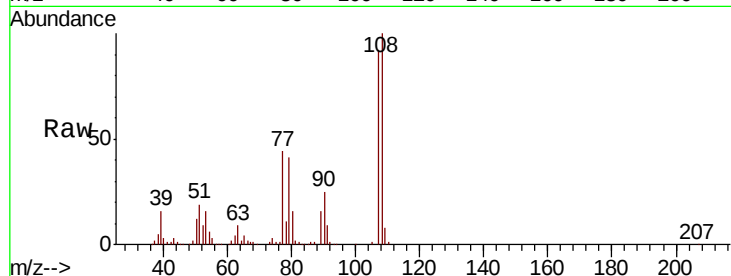
Ion Ratio Lower Upper

107 100

108 108.1 87.6 131.4

77 47.6 36.1 54.1

79 44.6 36.4 54.6



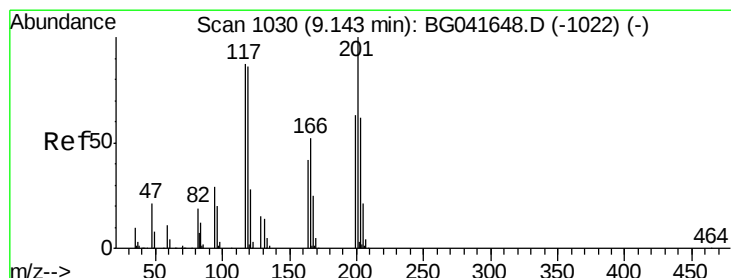
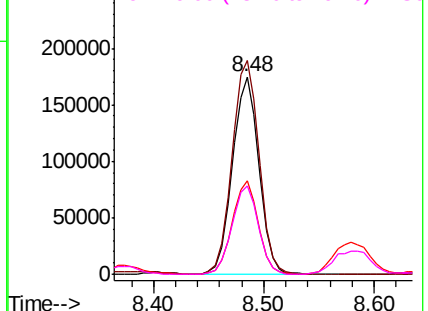
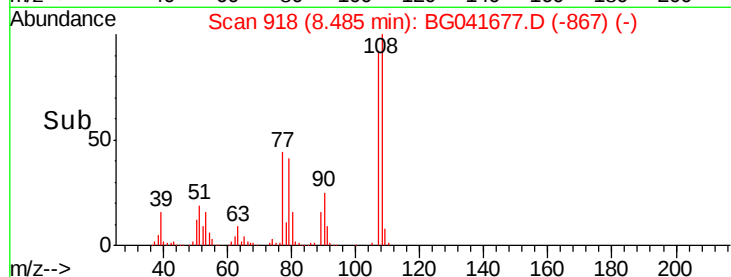
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 579.826 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

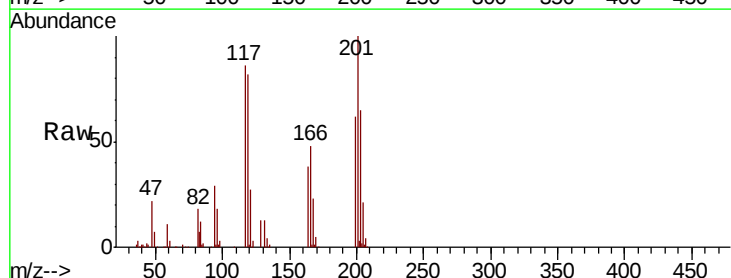
Tgt Ion:117 Resp: 125217

Ion Ratio Lower Upper

117 100

119 95.2 76.2 114.2

201 116.6 94.1 141.1

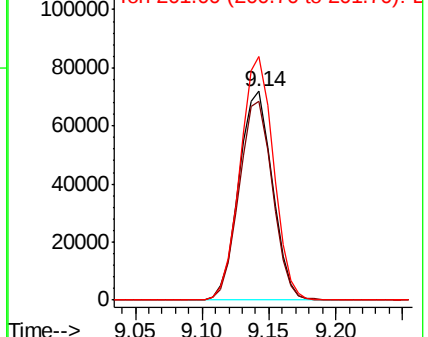
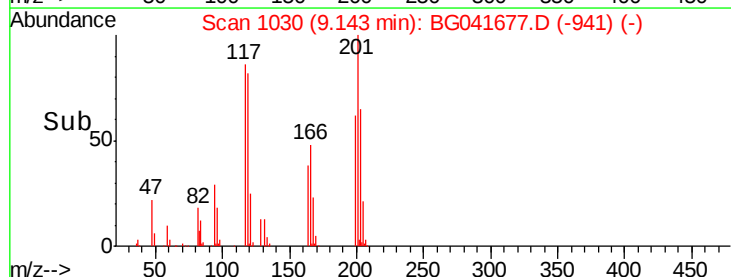


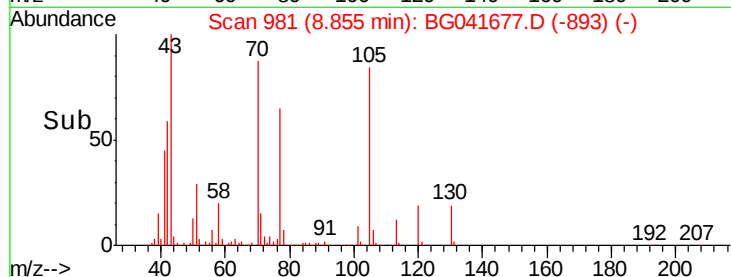
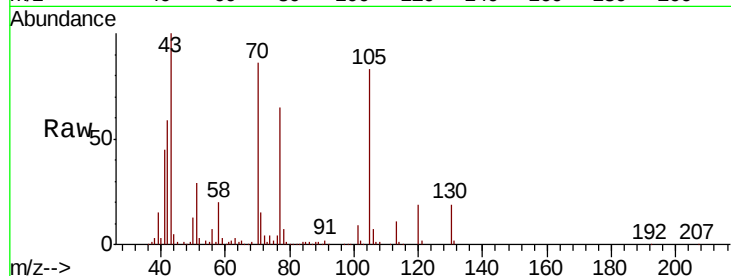
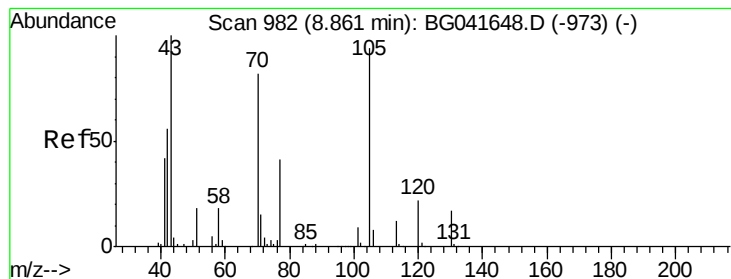
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 629.093 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion: 70 Resp: 269556

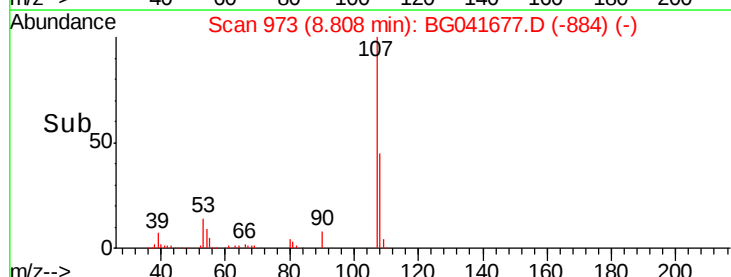
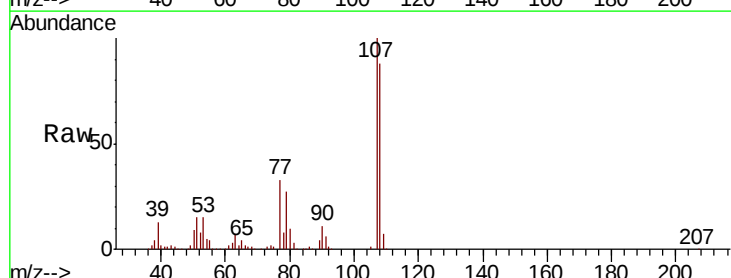
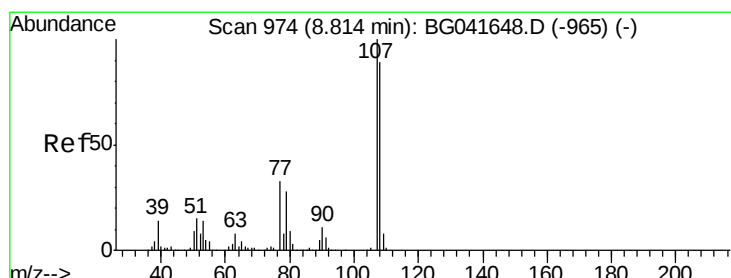
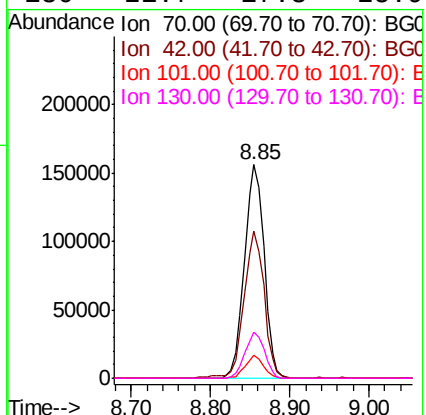
Ion Ratio Lower Upper

70 100

42 68.7 55.8 83.6

101 10.5 8.1 12.1

130 21.7 17.3 25.9



#20

3+4-Methylphenols

Concen: 697.622 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Tgt Ion: 107 Resp: 408342

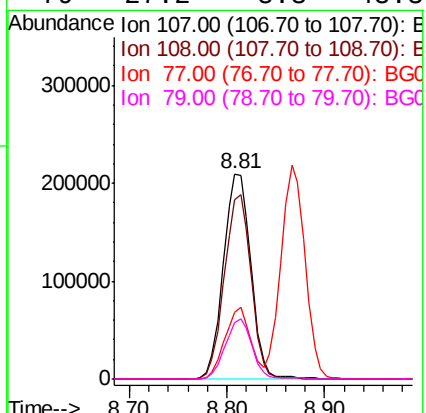
Ion Ratio Lower Upper

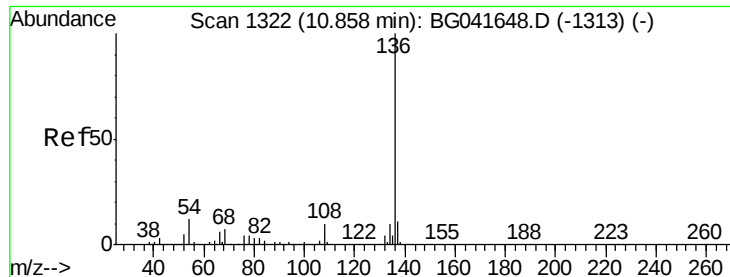
107 100

108 87.6 67.5 107.5

77 32.6 12.3 52.3

79 27.2 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.36 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion:136 Resp: 2457

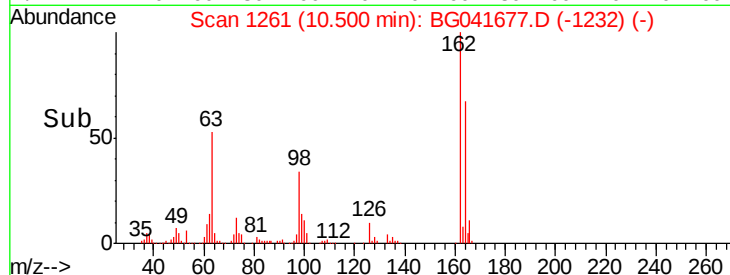
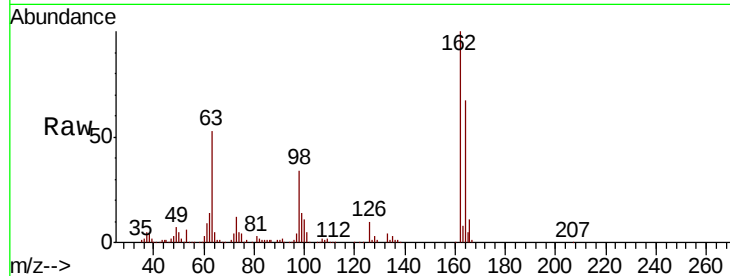
Ion Ratio Lower Upper

136 100

137 68.9 9.2 13.8#

54 64.1 8.7 13.1#

68 31.2 5.5 8.3#

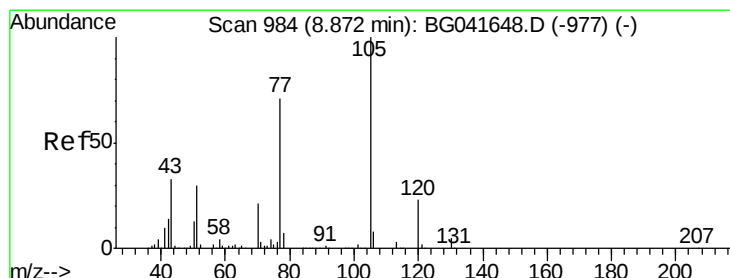
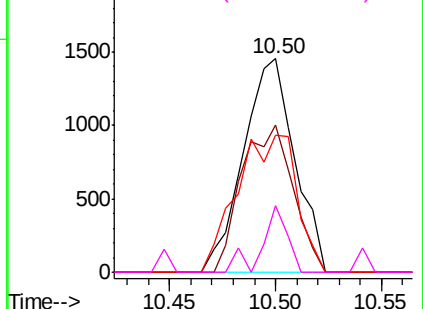


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8090.376 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Tgt Ion:105 Resp: 484141

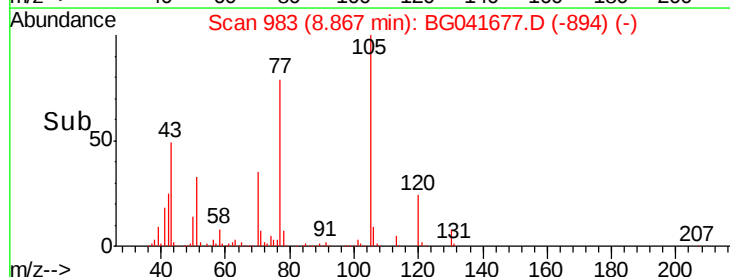
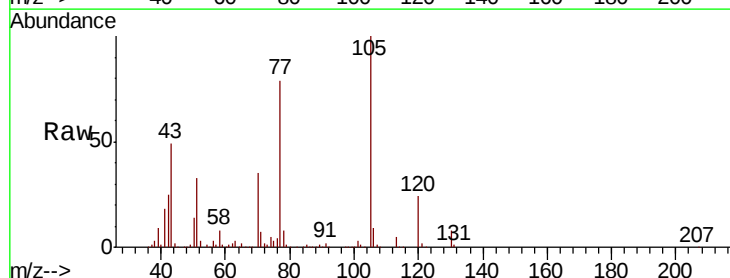
Ion Ratio Lower Upper

105 100

71 6.6 5.9 8.9

51 32.9 27.7 41.5

120 24.4 19.3 28.9

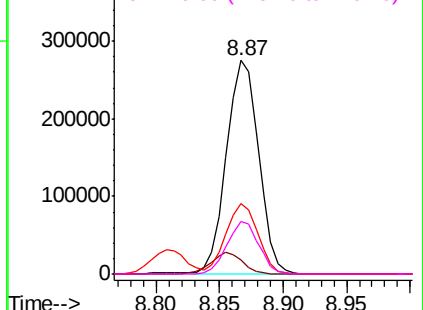


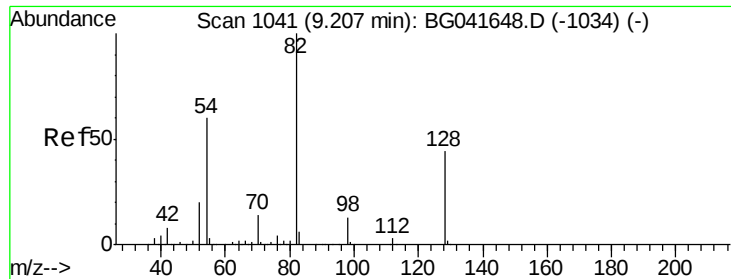
Abundance Ion 105.00 (104.70 to 105.70): E

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

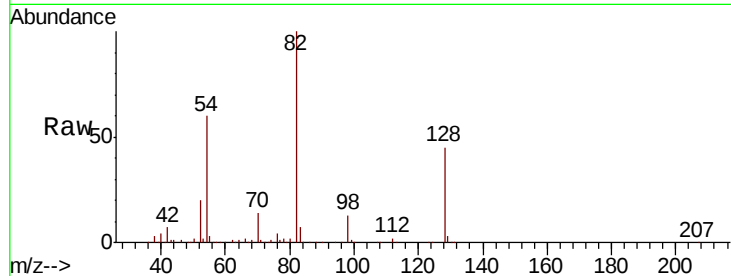




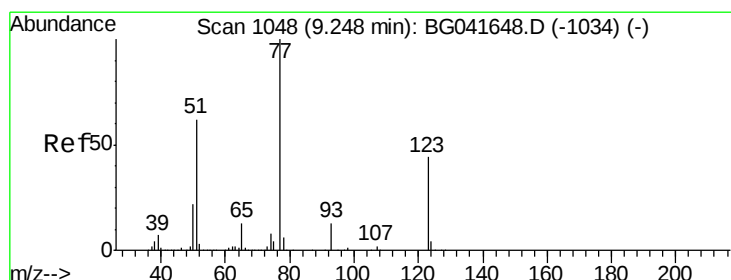
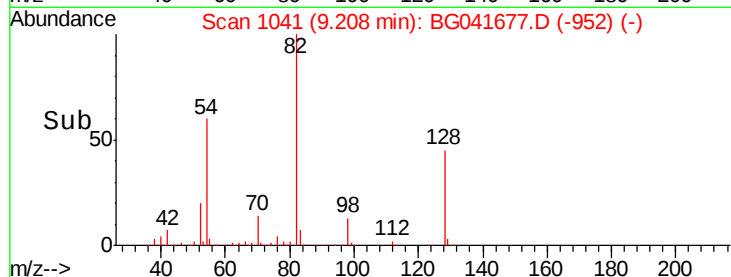
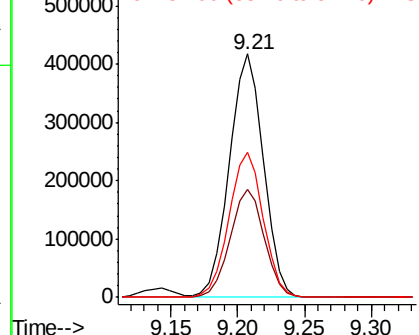
#23
 Nitrobenzene-d5
 Concen: 18427.127 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion: 82 Resp: 744478
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.1 52.7
 54 59.5 48.7 73.1

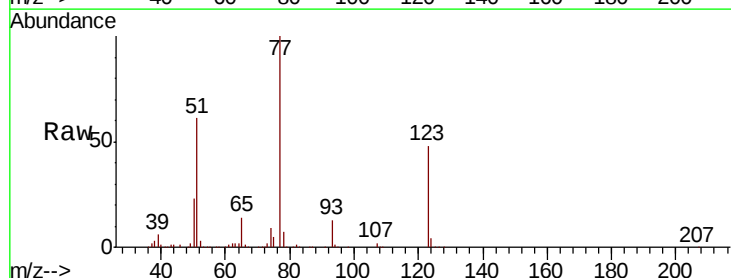


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

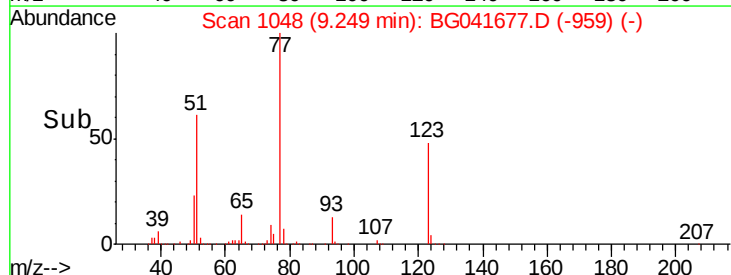
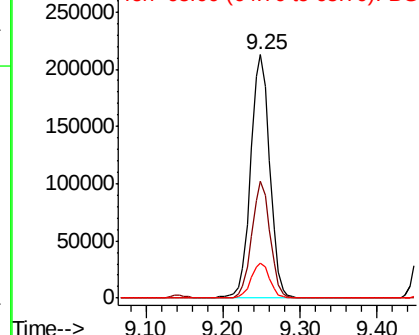


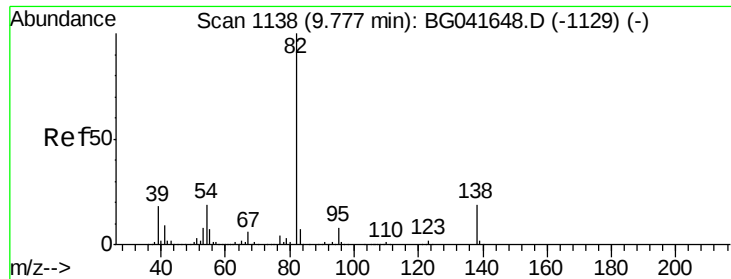
#24
 Nitrobenzene
 Concen: 8396.558 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Tgt Ion: 77 Resp: 370058
 Ion Ratio Lower Upper
 77 100
 123 47.9 38.1 57.1
 65 14.5 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 8075.283 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

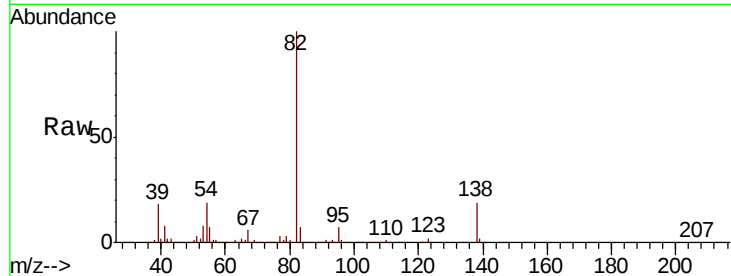
Tot Ion: 82 Resp: 714399

Ion Ratio Lower Upper

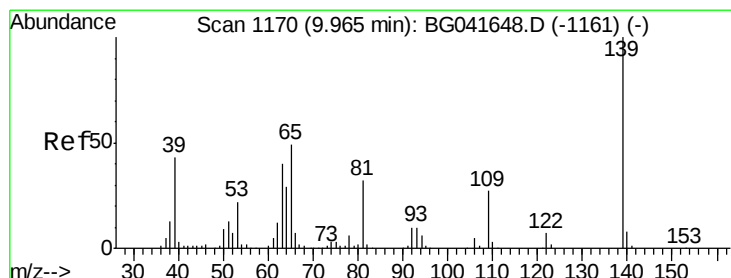
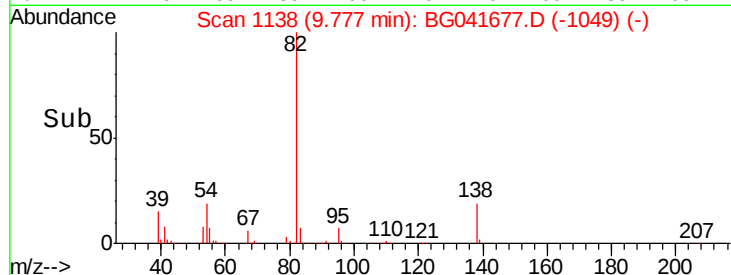
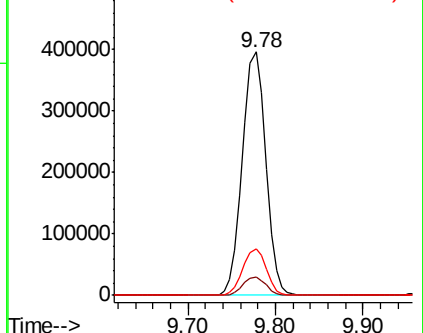
82 100

95 7.5 5.9 8.9

138 19.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 8148.274 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

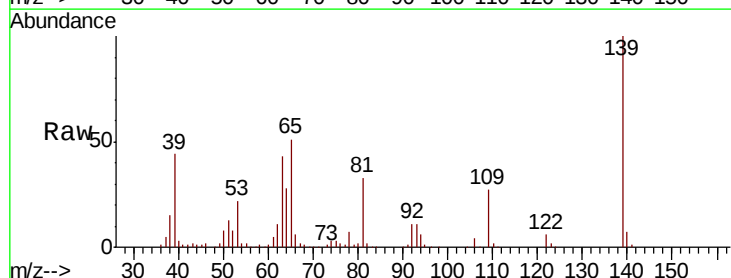
Tgt Ion: 139 Resp: 182325

Ion Ratio Lower Upper

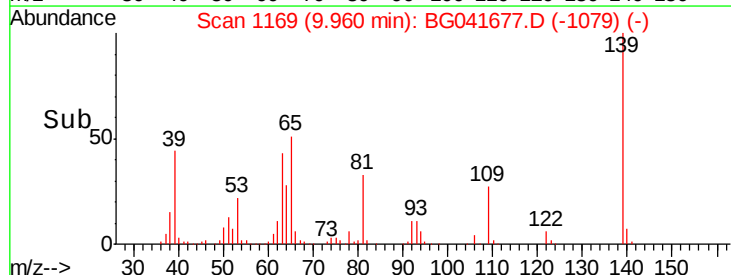
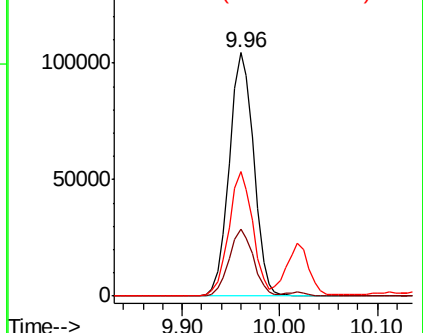
139 100

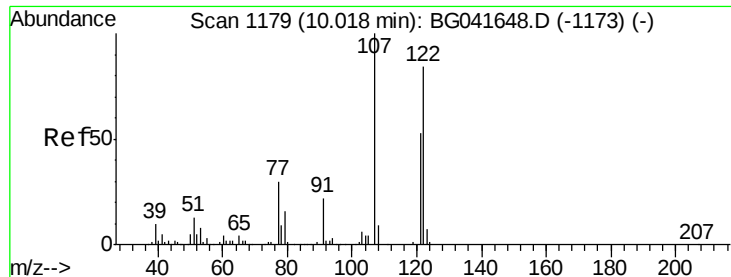
109 27.5 22.7 34.1

65 51.1 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

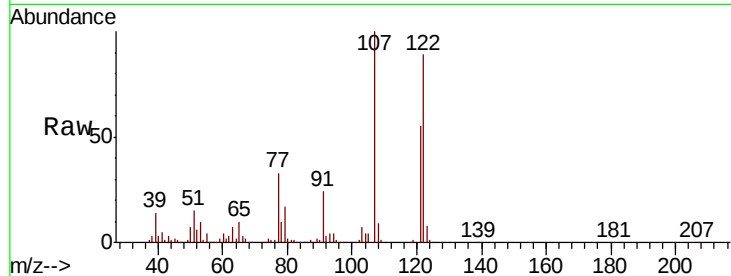




#27
 2,4-Dimethylphenol
 Concen: 9515.555 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	91.3	136.9
121	61.1	49.2	73.8

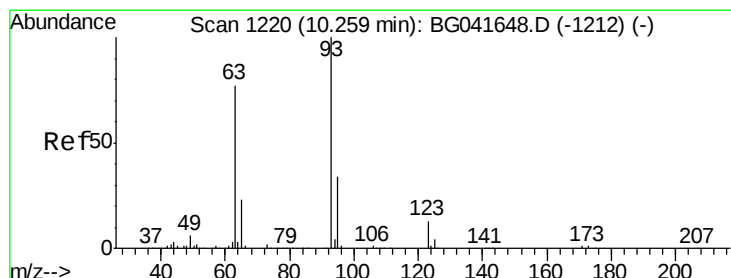
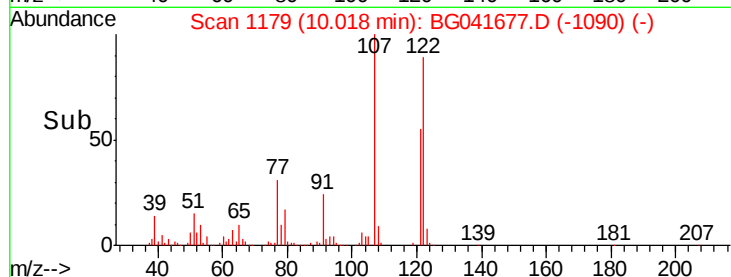
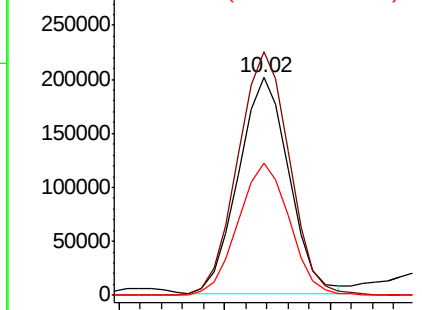


Abundance

Ion 122.00 (121.70 to 122.70): E

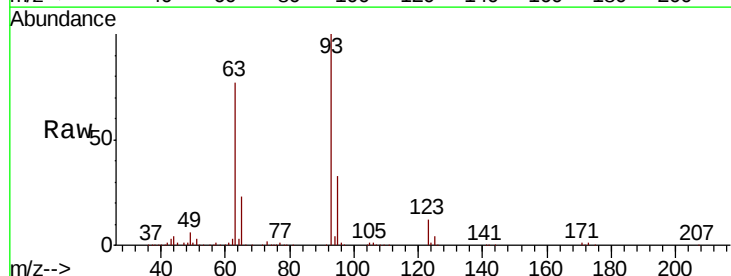
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 8045.203 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	12.3	9.9	14.9

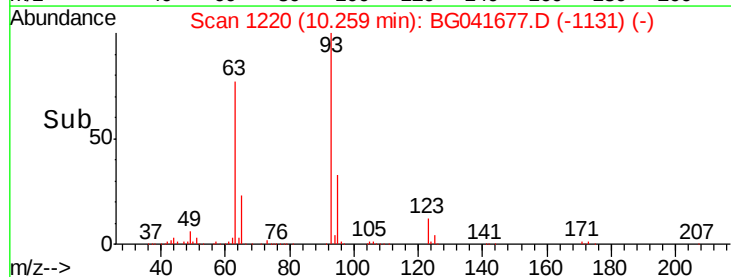
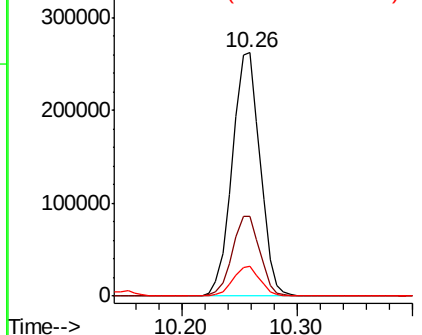


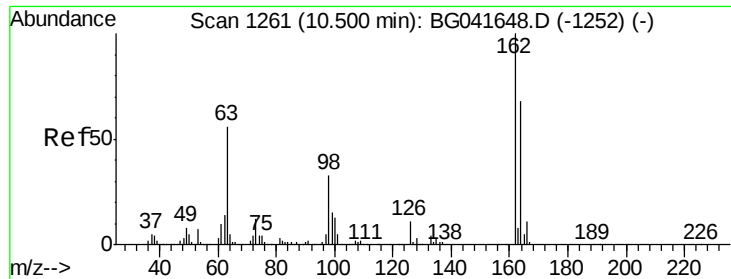
Abundance

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

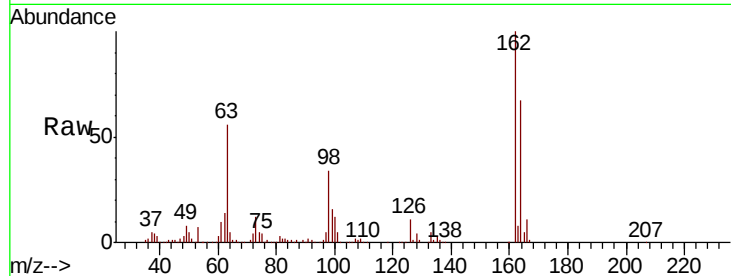




#29
2,4-Dichlorophenol
Concen: 8982.780 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	46.1	86.1
98	34.1	14.7	54.7

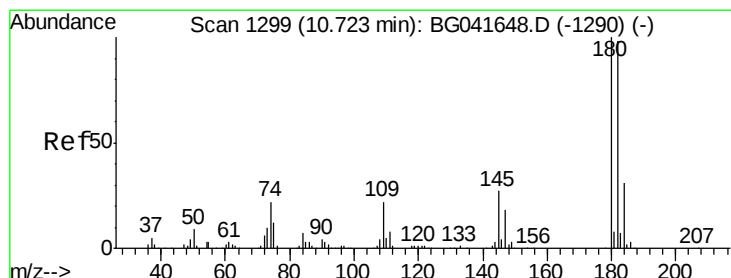
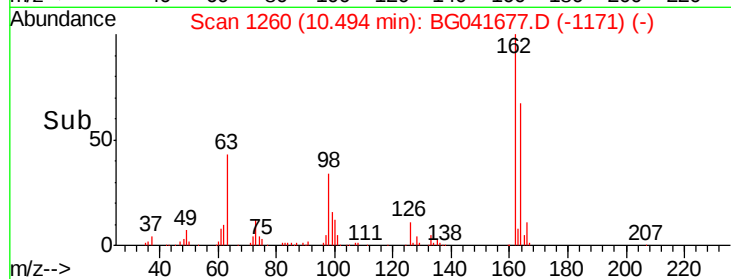
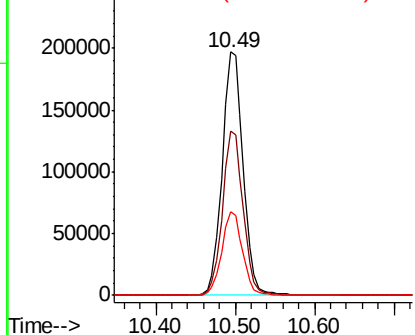


Abundance

Ion 162.00 (161.70 to 162.70): E

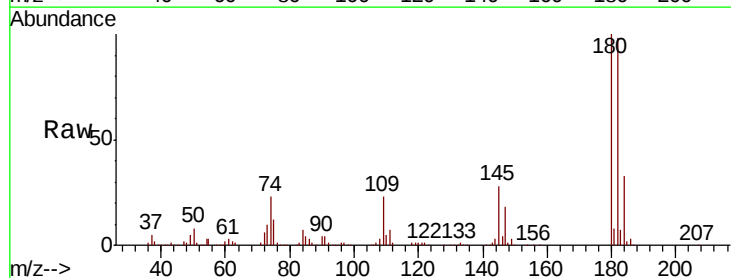
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 7852.679 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.2	114.2
145	27.9	23.8	35.8

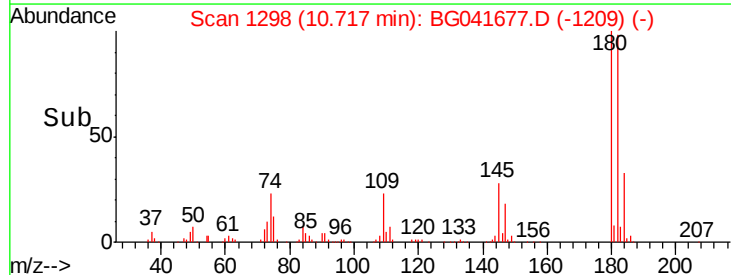
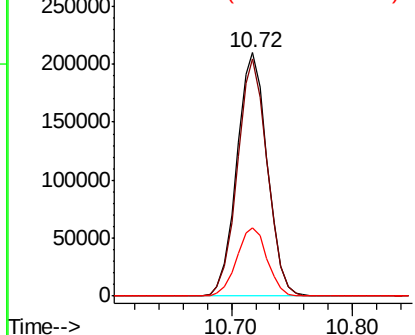


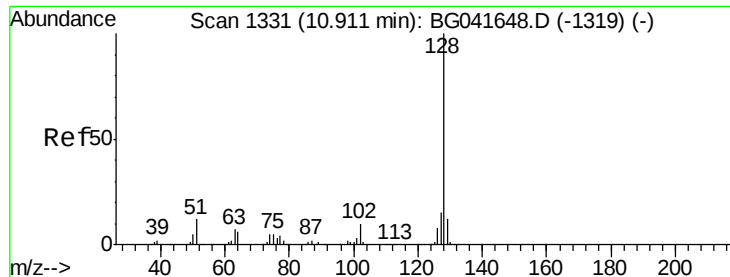
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

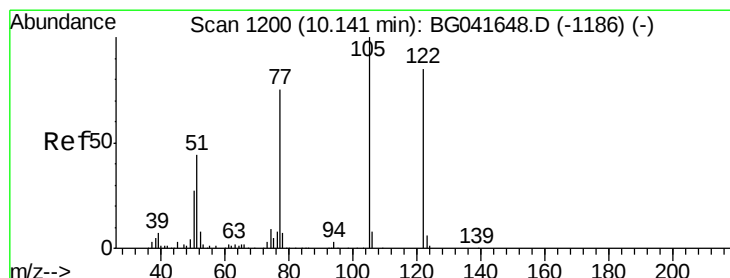
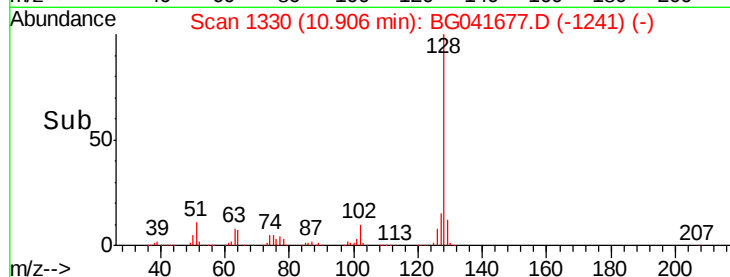
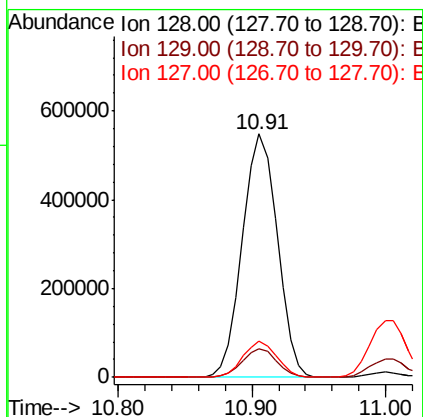
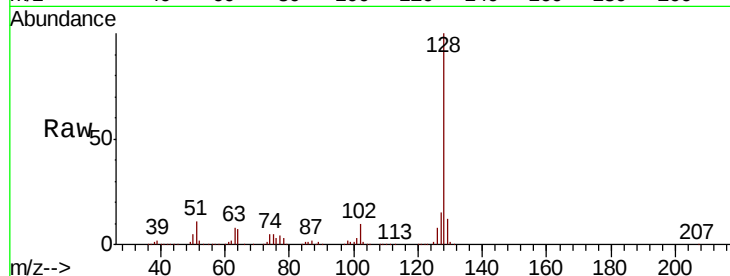




#31
Naphthalene
Concen: 8227.805 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

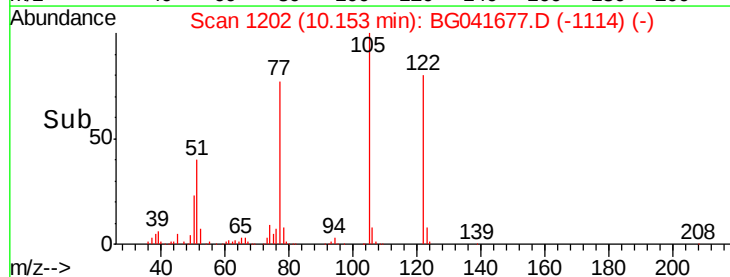
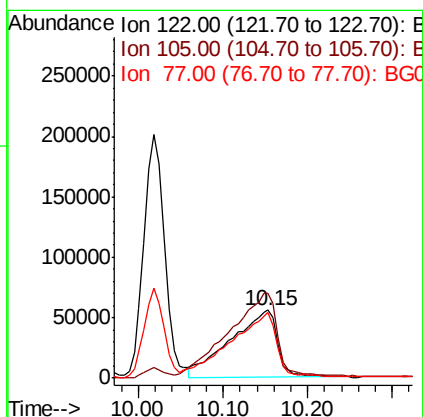
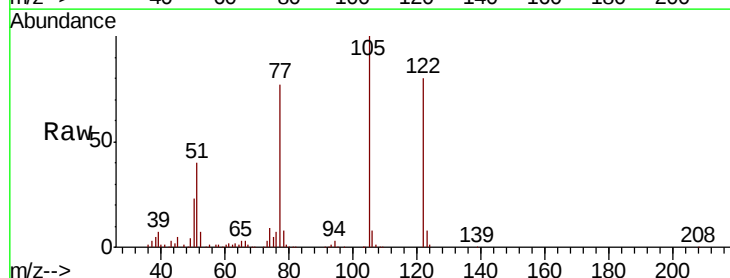
Instrument :
BNA_G
ClientSampleId :
PB121423BS

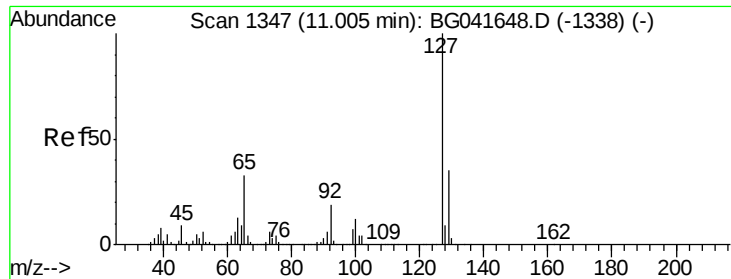
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	14.9	12.3	18.5



#32
Benzoic acid
Concen: 7006.117 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	101.5	141.5
77	96.2	73.0	113.0

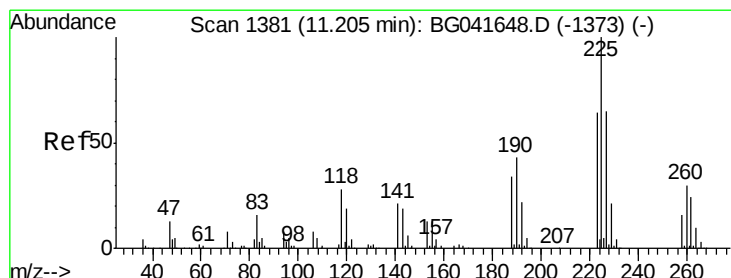
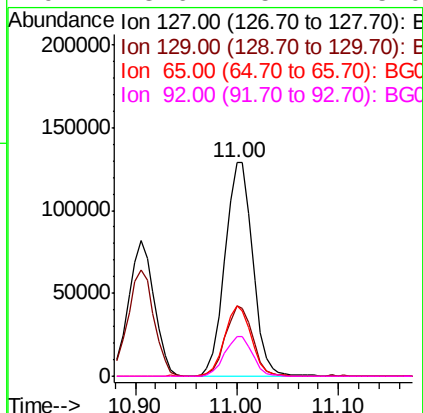
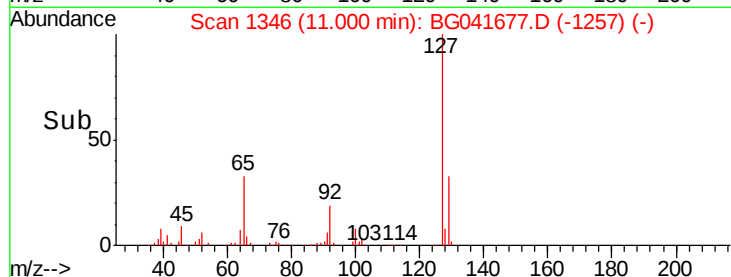
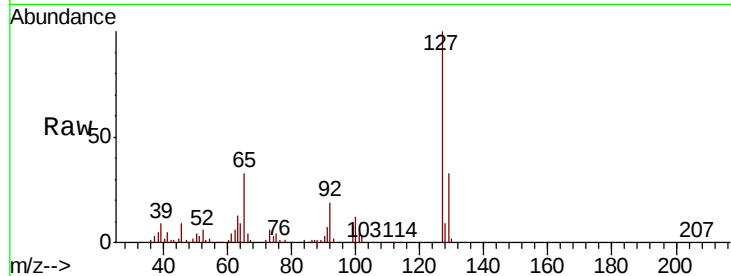




#33
4-Chloroaniline
Concen: 4355.866 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

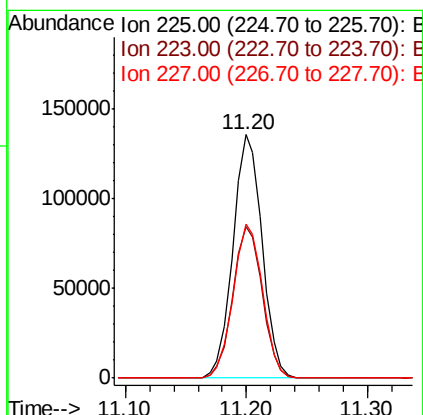
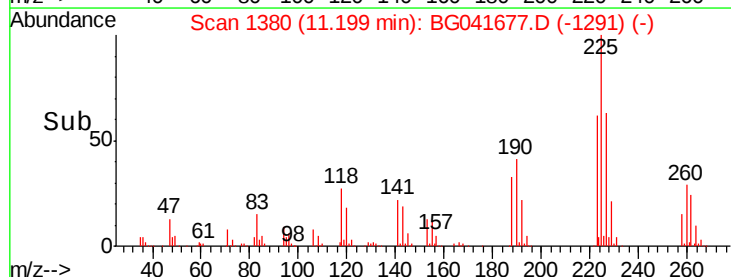
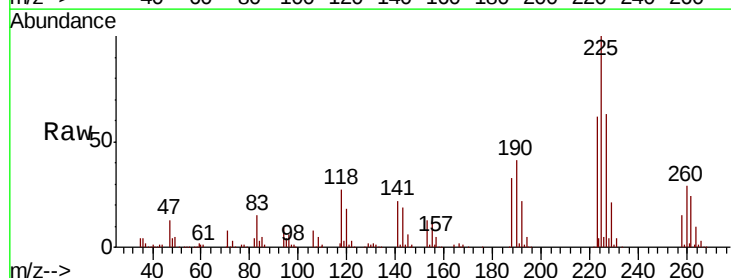
Instrument :
BNA_G
ClientSampleId :
PB121423BS

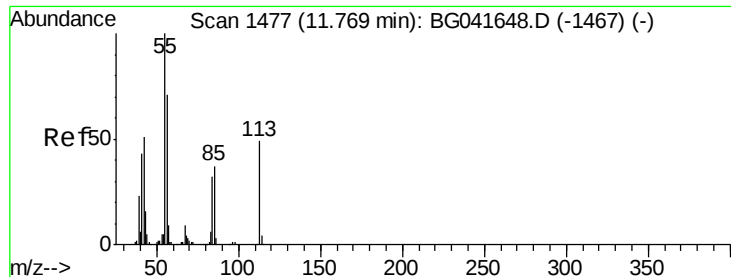
Tot Ion:127	Resp:	243041
Ion Ratio	Lower	Upper
127	100	
129	32.9	25.8 38.8
65	33.2	26.7 40.1
92	18.6	15.4 23.0



#34
Hexachlorobutadiene
Concen: 7554.112 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion:225	Resp:	227510
Ion Ratio	Lower	Upper
225	100	
223	62.1	51.1 76.7
227	63.1	50.9 76.3





#35

Caprolactam

Concen: 5933.303 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

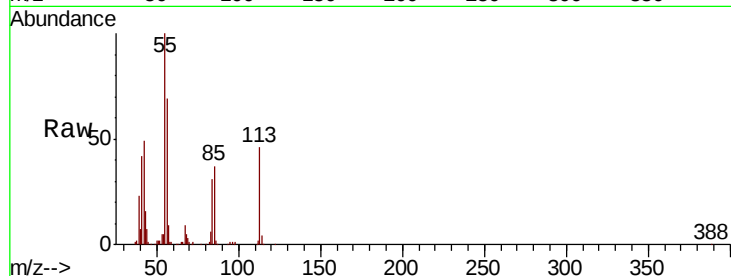
Tot Ion:113 Resp: 87034

Ion Ratio Lower Upper

113 100

55 215.4 199.4 239.4

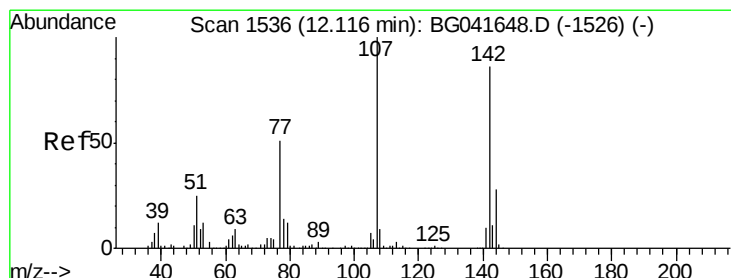
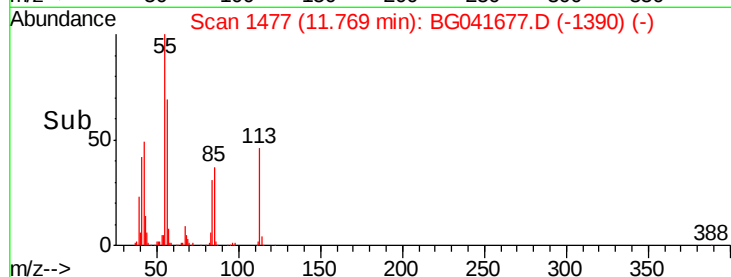
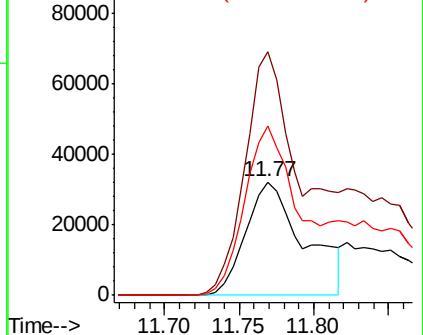
56 149.6 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041648.D (-1467) (-)

Ion 56.00 (55.70 to 56.70): BG041648.D (-1467) (-)



#36

4-Chloro-3-methylphenol

Concen: 8753.050 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

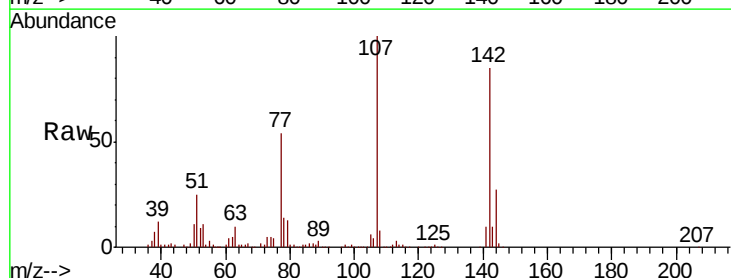
Tgt Ion:107 Resp: 365951

Ion Ratio Lower Upper

107 100

144 27.2 22.2 33.2

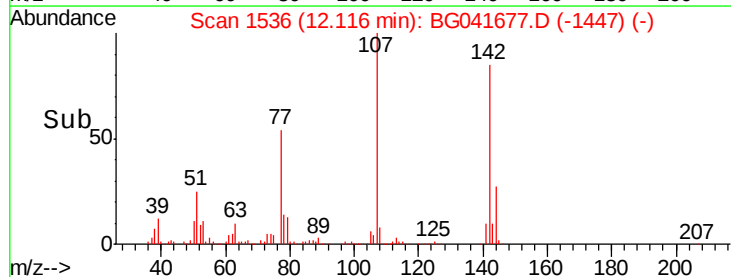
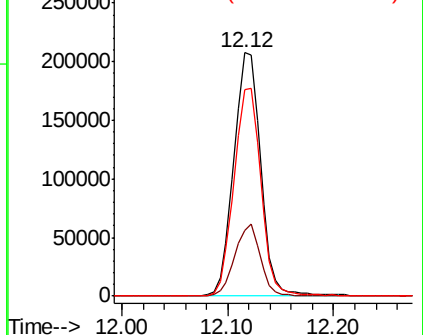
142 84.9 67.3 100.9

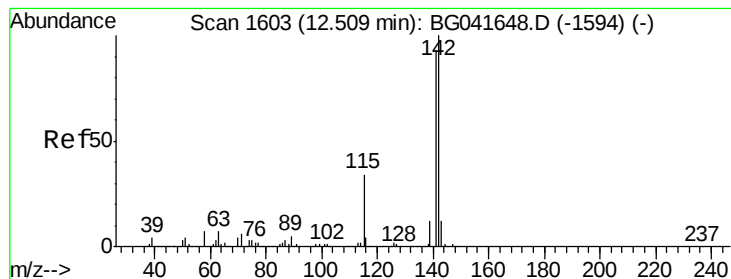


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 8370.788 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

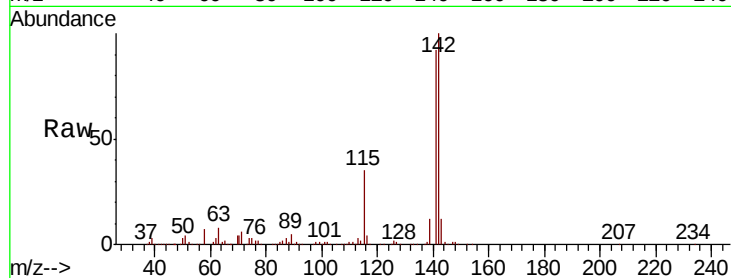
Tot Ion:142 Resp: 773595

Ion Ratio Lower Upper

142 100

141 91.9 72.7 109.1

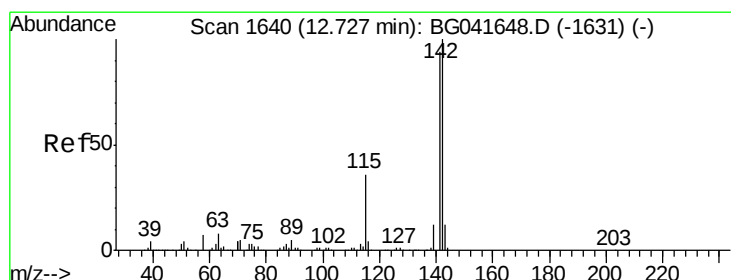
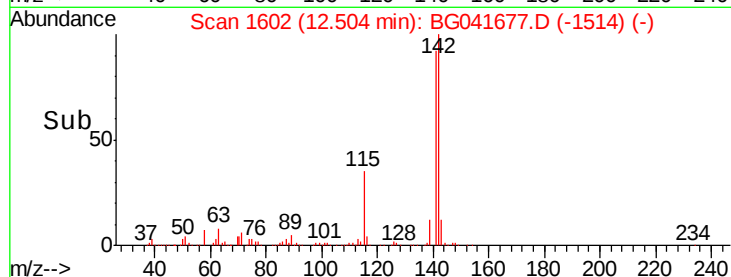
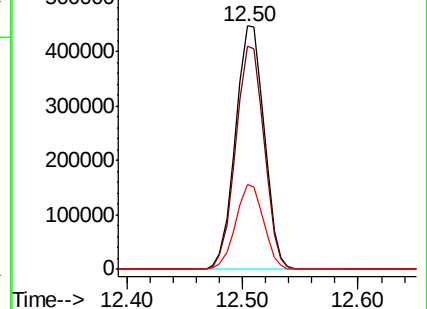
115 34.7 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 8780.338 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.22 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

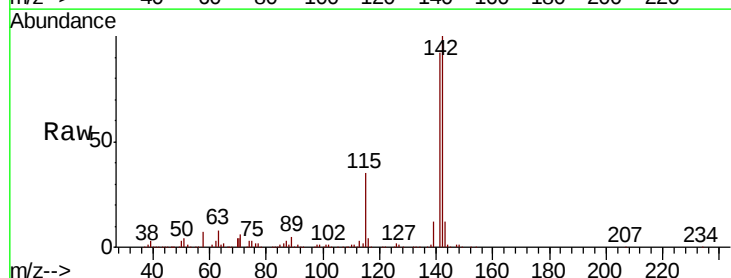
Tgt Ion:142 Resp: 773595

Ion Ratio Lower Upper

142 100

141 91.9 75.4 113.2

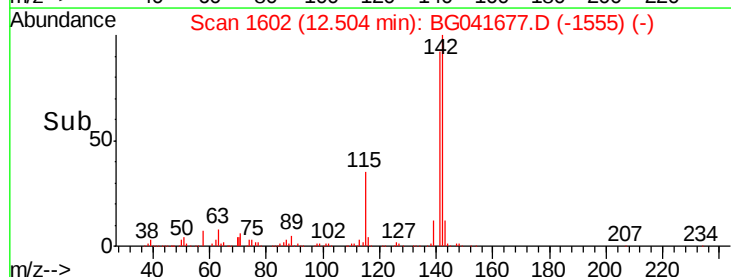
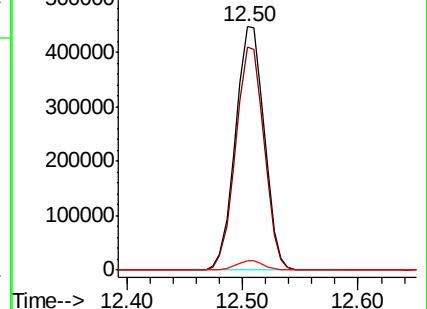
116 3.6 3.2 4.8

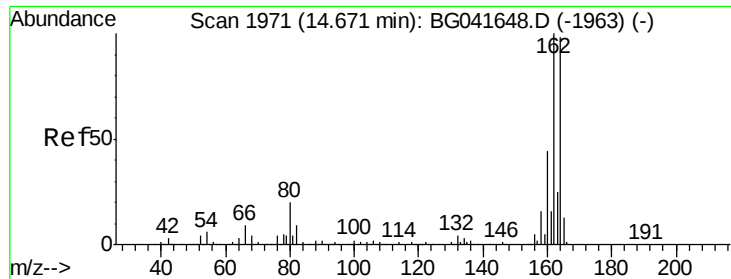


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.55 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

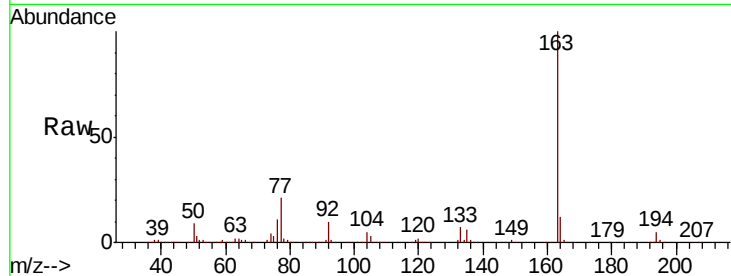
Tot Ion:164 Resp: 112560

Ion Ratio Lower Upper

164 100

162 0.0 79.6 119.4#

160 0.4 35.4 53.0#

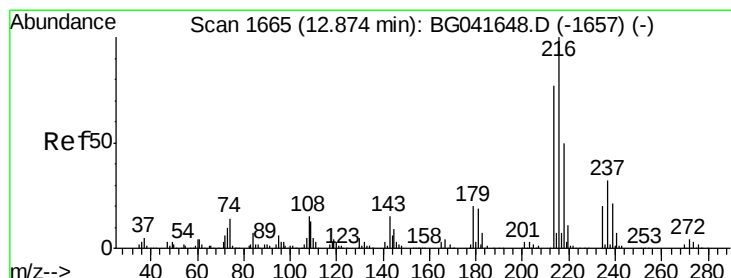
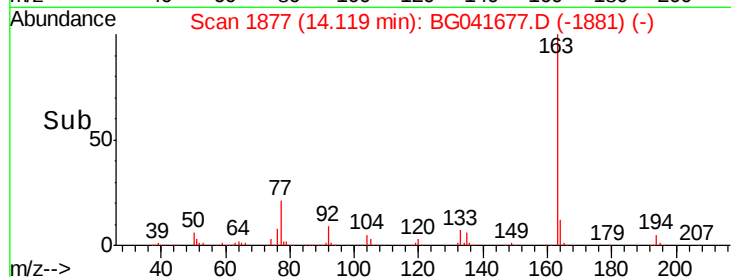
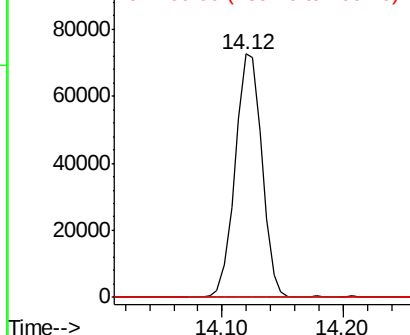


Abundance

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: 94.405 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Tgt Ion:216 Resp: 363987

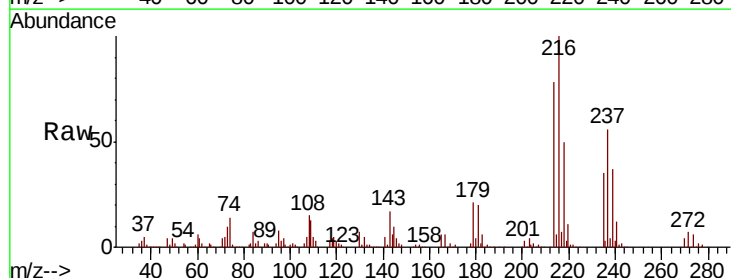
Ion Ratio Lower Upper

216 100

214 76.8 61.5 92.3

179 20.8 16.2 24.2

108 18.8 13.2 19.8



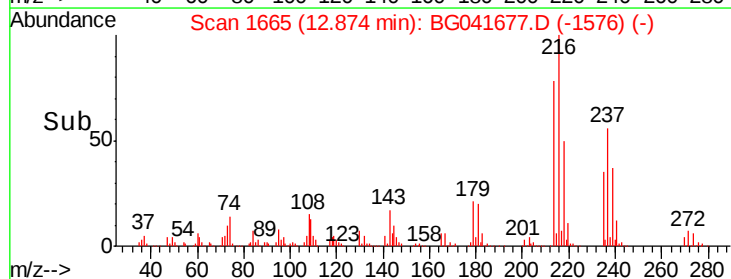
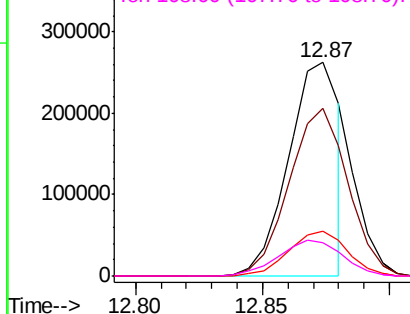
Abundance

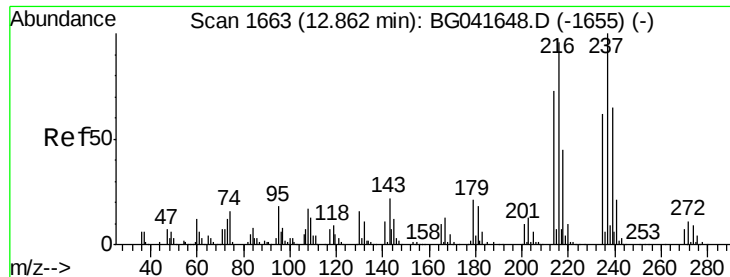
Ion 216.00 (215.70 to 216.70): E

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: 224.505 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

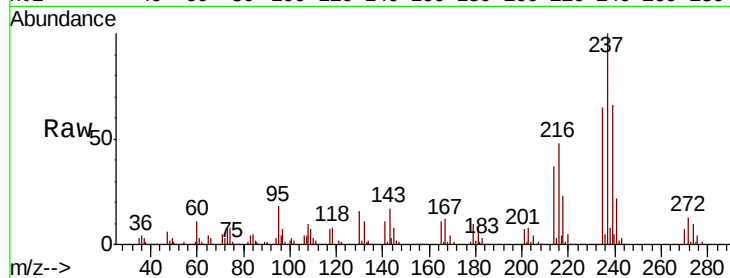
Tot Ion: 237 Resp: 489652

Ion Ratio Lower Upper

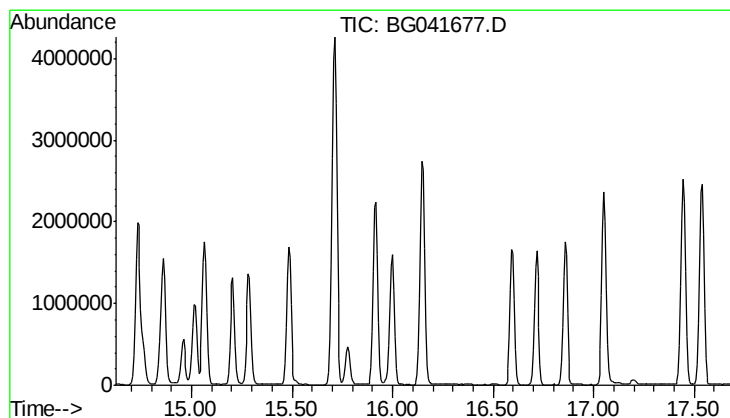
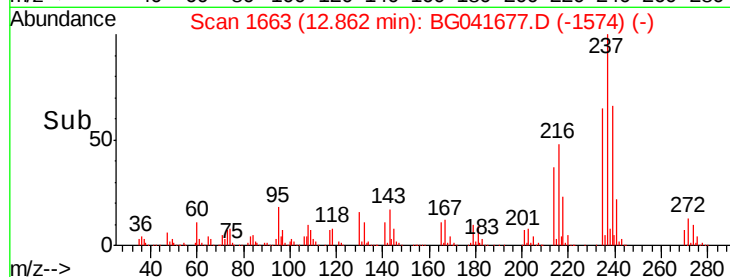
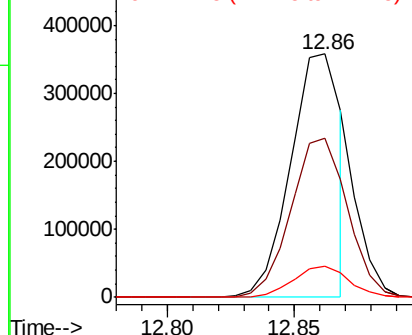
237 100

235 65.4 43.5 83.5

272 12.5 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: 0.000 ng

Expected RT: 16.15 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

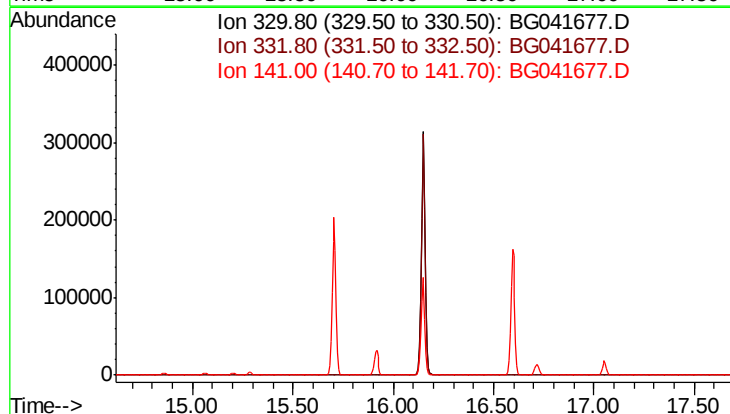
Tgt Ion: 330

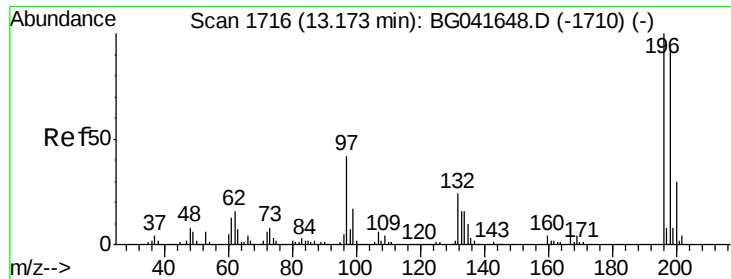
Sig Exp Ratio

330 100

332 96.7

141 39.9

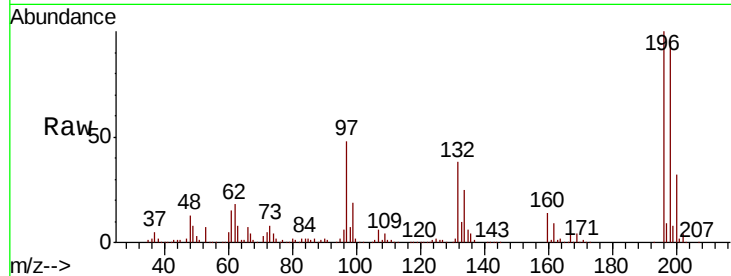




#44
 2,4,5-Trichlorophenol
 Concen: 116.627 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.07 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	96.4	80.6	121.0	
97	47.9	33.9	50.9	
132	37.7	20.2	30.2	



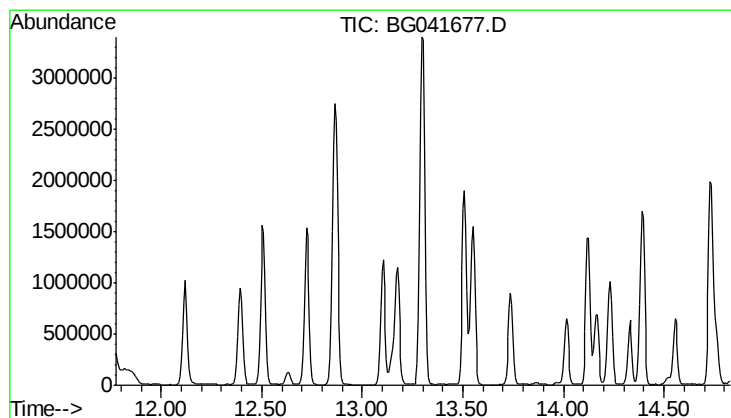
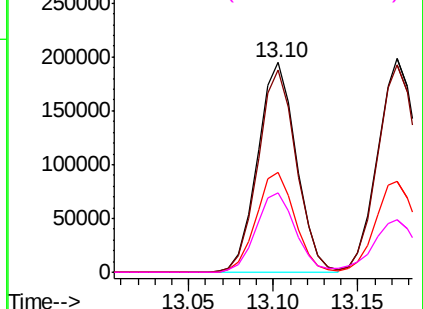
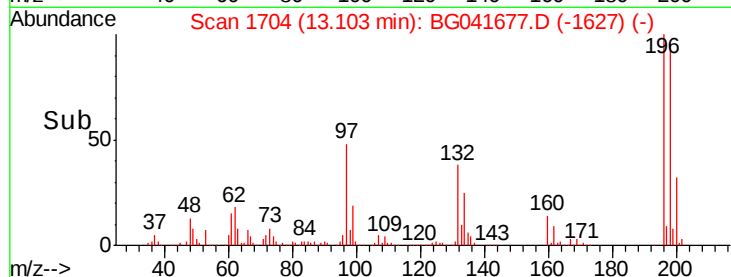
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

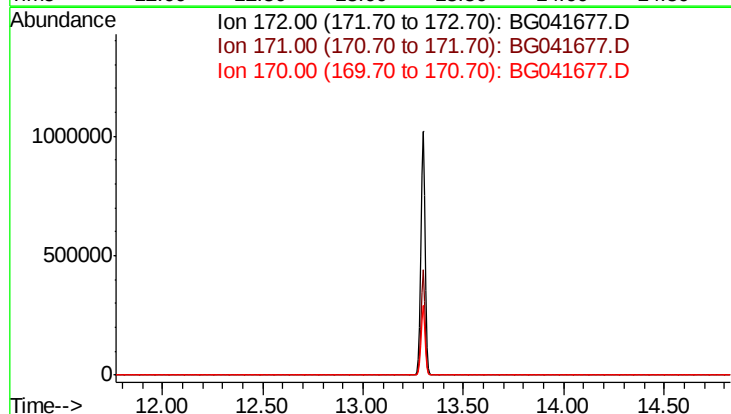
Ion 132.00 (131.70 to 132.70): E

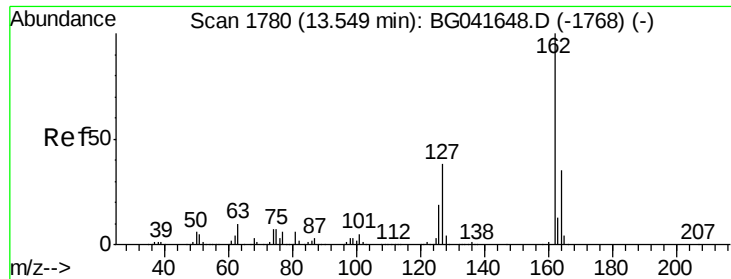


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.30 min

Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Tgt Ion	Sig	Exp Ratio
172	100	
171	43.7	
170	29.4	

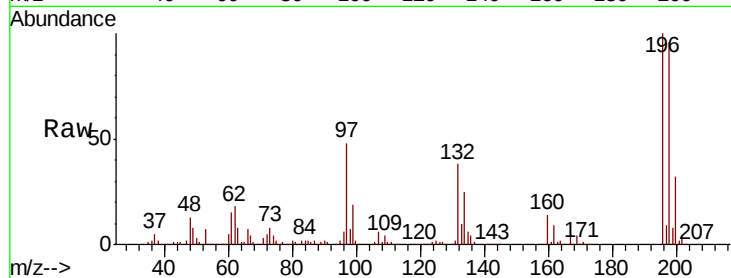




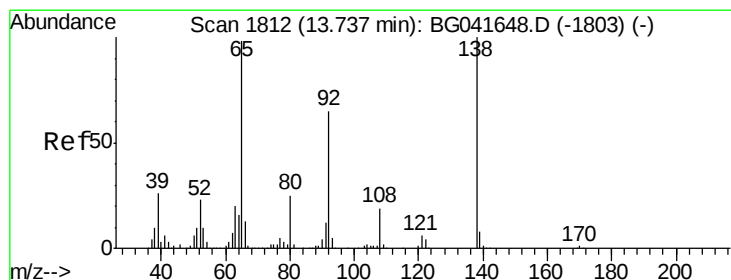
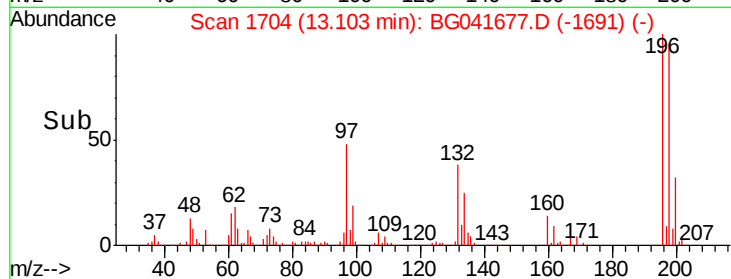
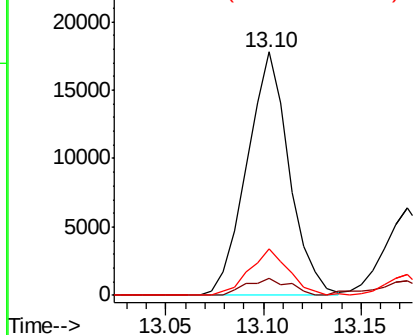
#47
2-Chloronaphthalene
Concen: 3.793 ng
RT: 13.10 min Scan# 1704
Delta R.T. -0.45 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:162 Resp: 26654
Ion Ratio Lower Upper
162 100
127 7.2 30.4 45.6#
164 18.8 28.6 42.8#

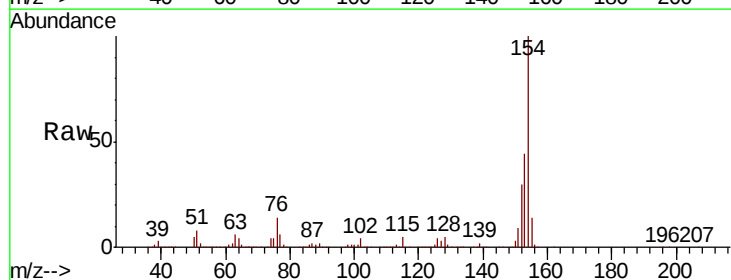


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

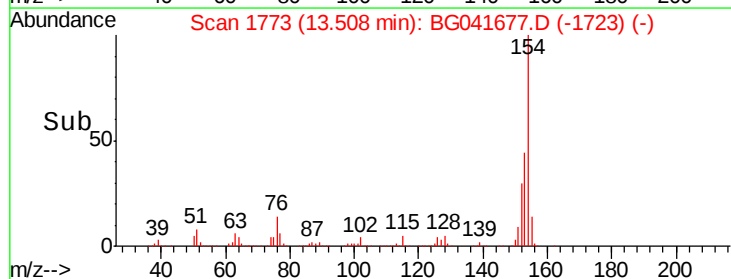
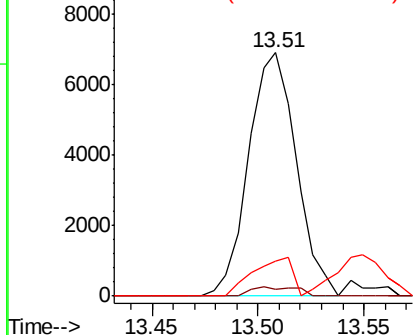


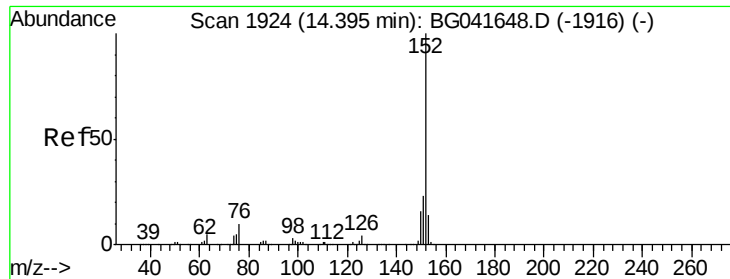
#48
2-Nitroaniline
Concen: 5.293 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.23 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion: 65 Resp: 10830
Ion Ratio Lower Upper
65 100
92 3.0 53.9 80.9#
138 14.3 83.5 125.3#



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





#49

Acenaphthylene

Concen: 1.063 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.23 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

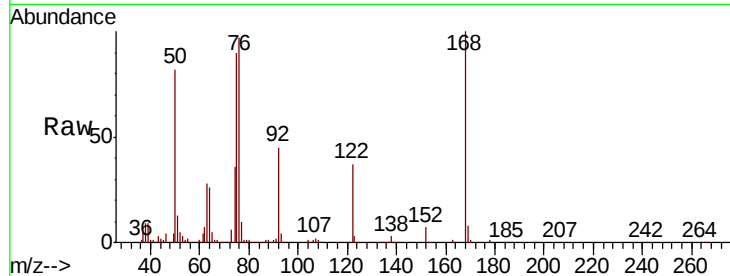
Tot Ion:152 Resp: 11662

Ion Ratio Lower Upper

152 100

151 0.0 18.7 28.1#

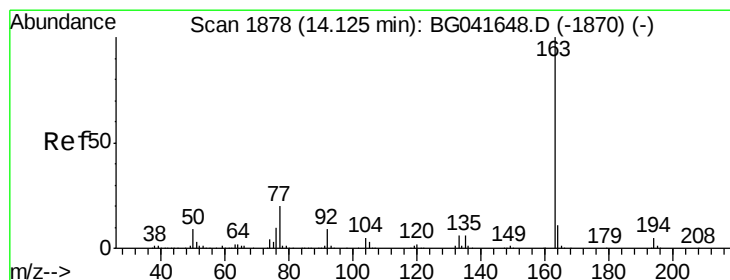
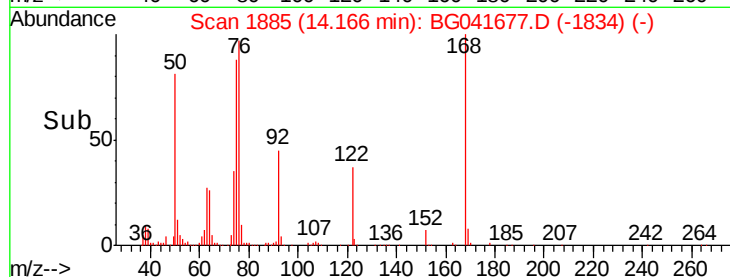
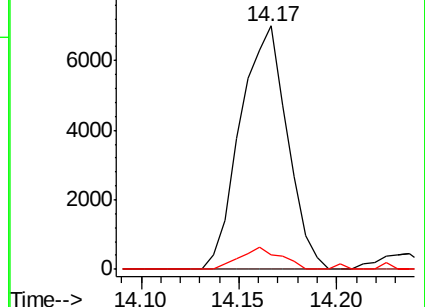
153 6.1 12.4 18.6#



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: 10.904 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.58 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

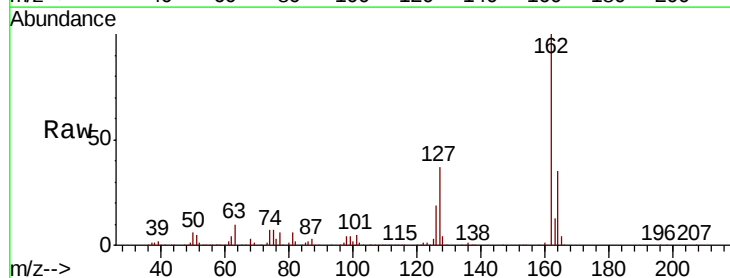
Tgt Ion:163 Resp: 96391

Ion Ratio Lower Upper

163 100

194 0.0 4.2 6.2#

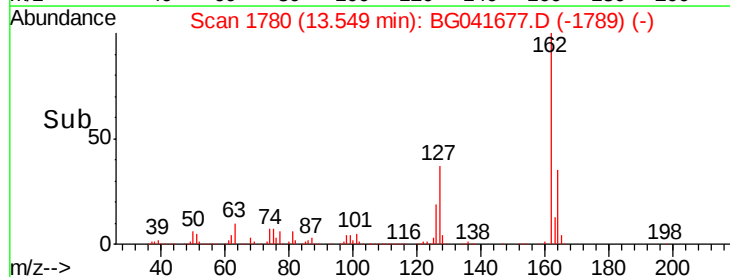
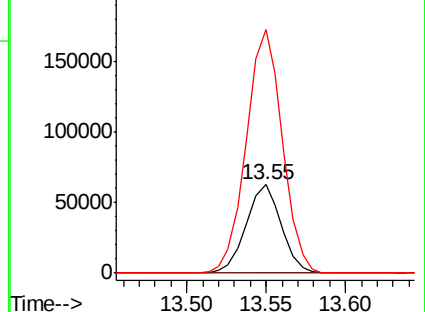
164 275.2 9.4 14.2#

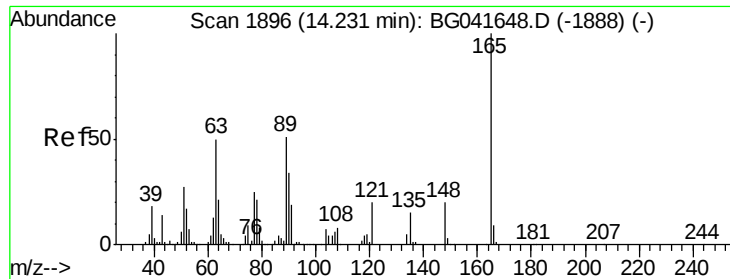


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

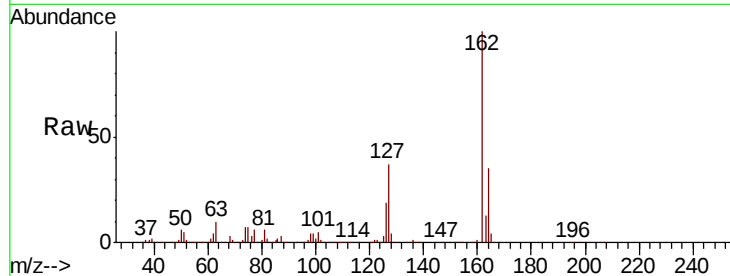




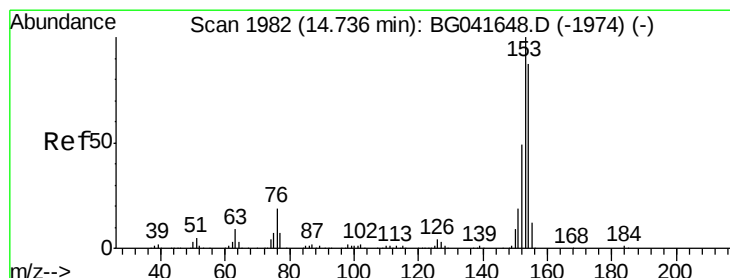
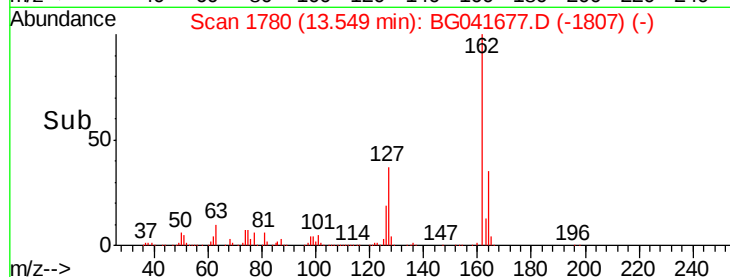
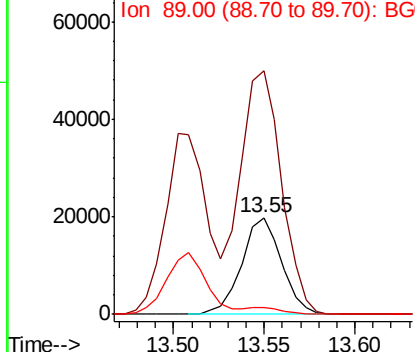
#51
 2,6-Dinitrotoluene
 Concen: 16.070 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.69 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion:165 Resp: 30134
 Ion Ratio Lower Upper
 165 100
 63 251.7 42.4 63.6#
 89 7.0 42.1 63.1#

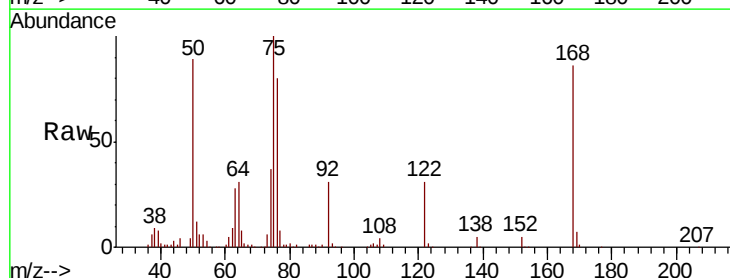


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

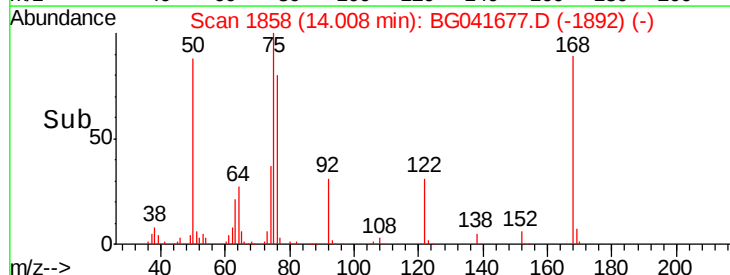
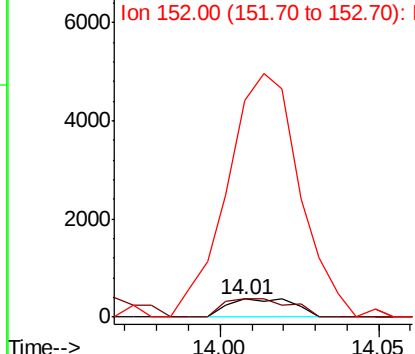


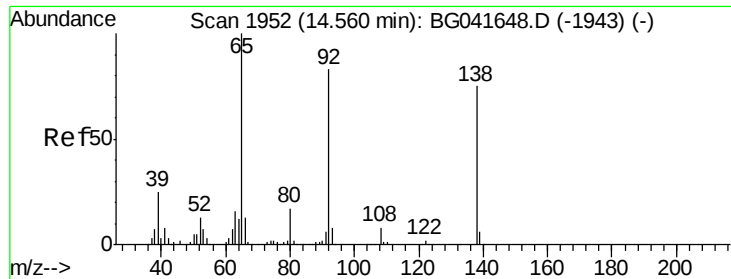
#52
 Acenaphthene
 Concen: 0.076 ng
 RT: 14.01 min Scan# 1858
 Delta R.T. -0.73 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Tgt Ion:154 Resp: 526
 Ion Ratio Lower Upper
 154 100
 153 104.1 89.8 134.6
 152 1212.6 44.9 67.3#



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





#53

3-Nitroaniline

Concen: 4.142 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.56 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

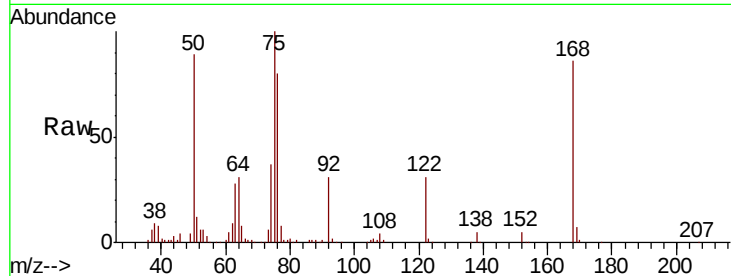
Tot Ion:138 Resp: 8478

Ion Ratio Lower Upper

138 100

108 89.5 10.3 15.5#

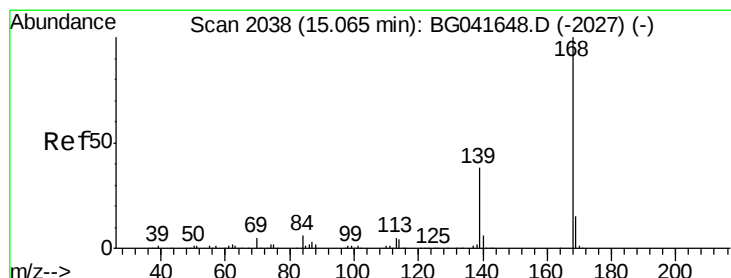
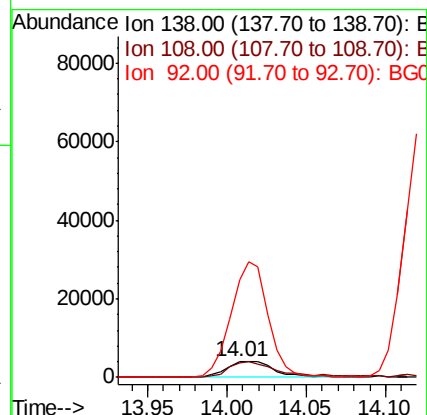
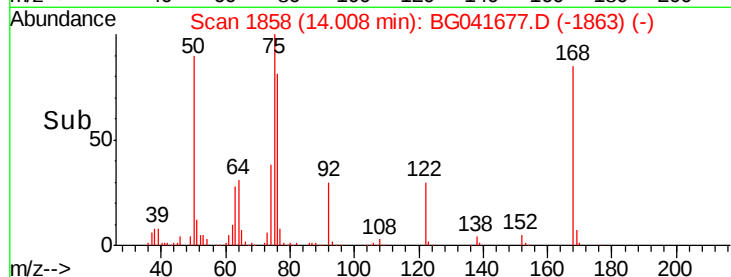
92 631.2 93.0 139.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#55

Dibenzofuran

Concen: 10.292 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.74 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

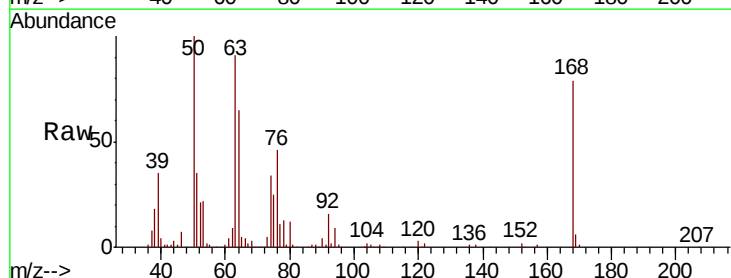
Tgt Ion:168 Resp: 106785

Ion Ratio Lower Upper

168 100

139 0.0 31.9 47.9#

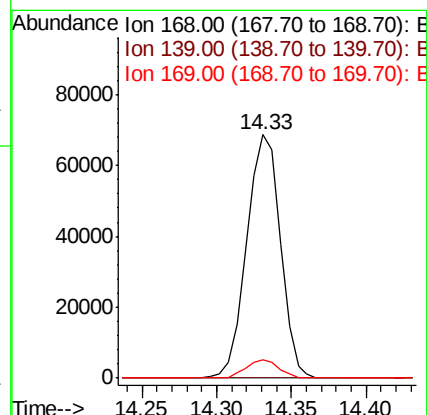
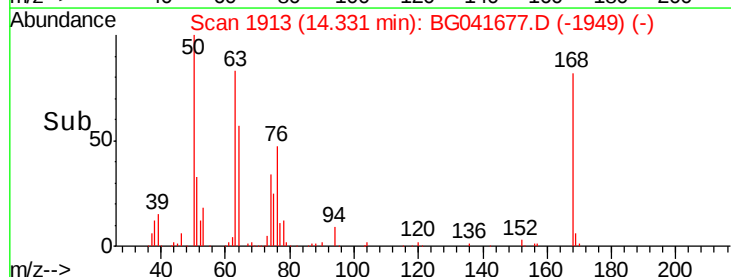
169 7.6 12.5 18.7#

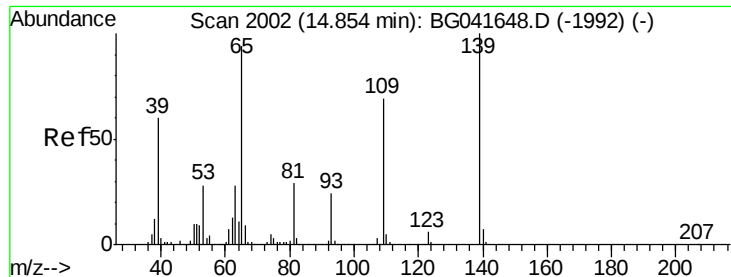


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

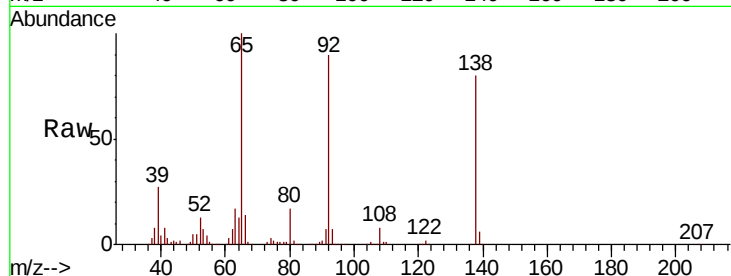




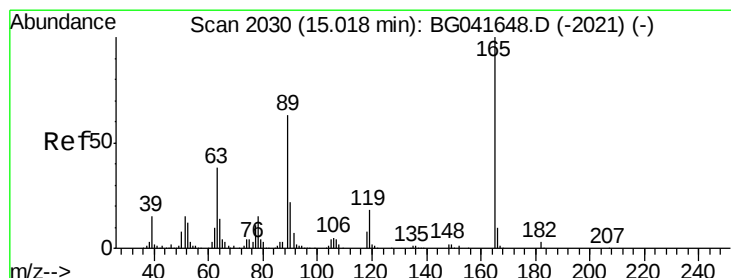
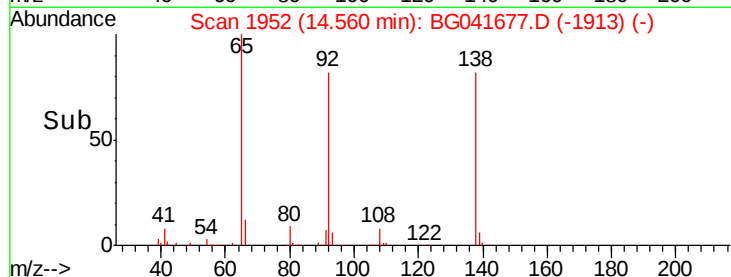
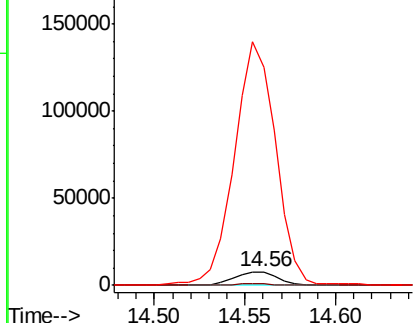
#56
4-Nitrophenol
Concen: 7.817 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.30 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:139 Resp: 12955
Ion Ratio Lower Upper
139 100
109 14.7 51.3 91.3#
65 1624.8 77.6 117.6#

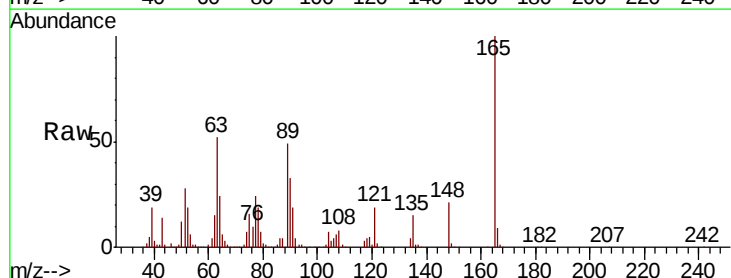


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

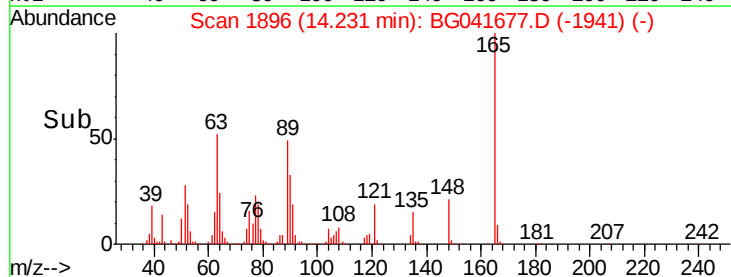
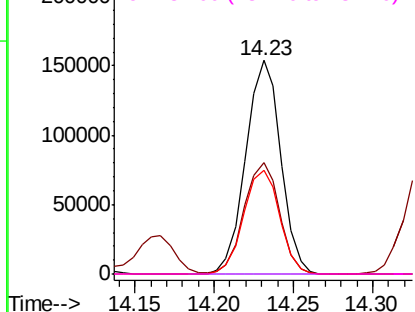


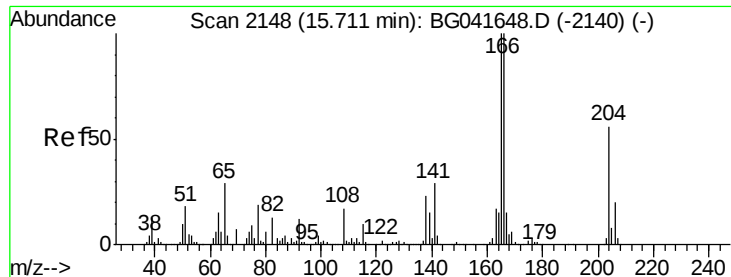
#57
2,4-Dinitrotoluene
Concen: 95.274 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.79 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion:165 Resp: 236157
Ion Ratio Lower Upper
165 100
63 52.3 31.7 47.5#
89 48.8 50.2 75.4#
182 0.2 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: 8.502 ng

RT: 15.21 min Scan# 2062

Delta R.T. -0.51 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

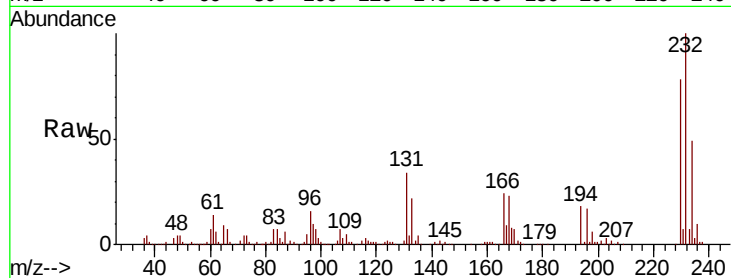
Tot Ion:166 Resp: 71774

Ion Ratio Lower Upper

166 100

165 0.0 80.5 120.7#

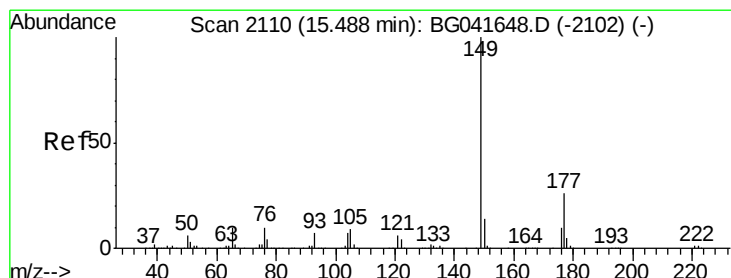
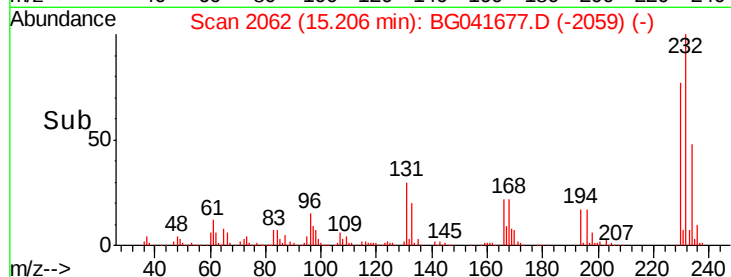
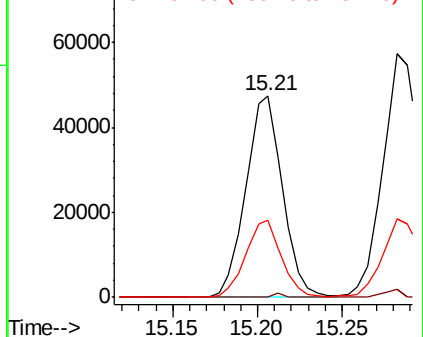
167 38.1 12.4 18.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.738 ng

RT: 15.02 min Scan# 2030

Delta R.T. -0.47 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

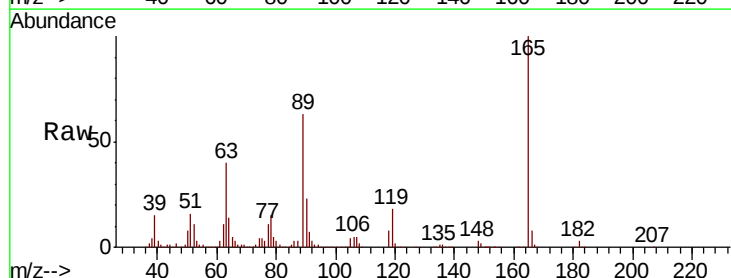
Tgt Ion:149 Resp: 6572

Ion Ratio Lower Upper

149 100

177 0.0 20.7 31.1#

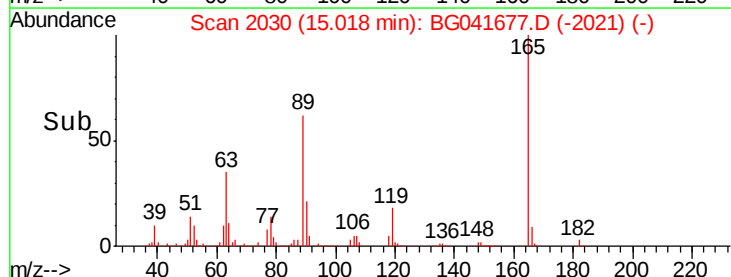
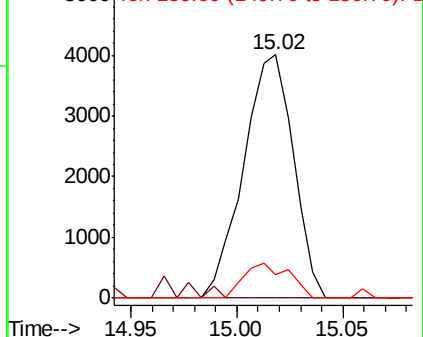
150 9.9 11.5 17.3#

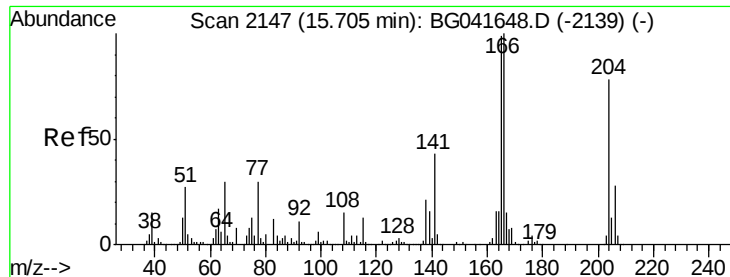


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

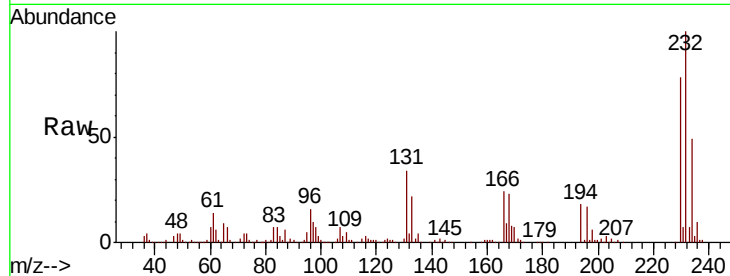




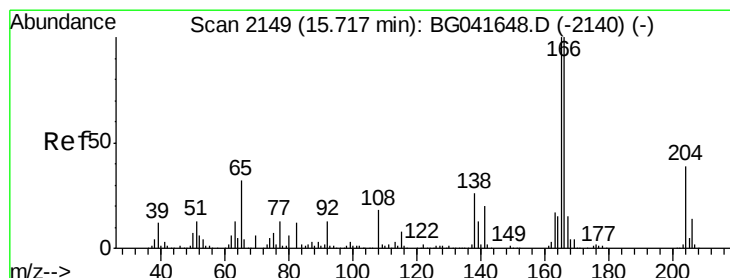
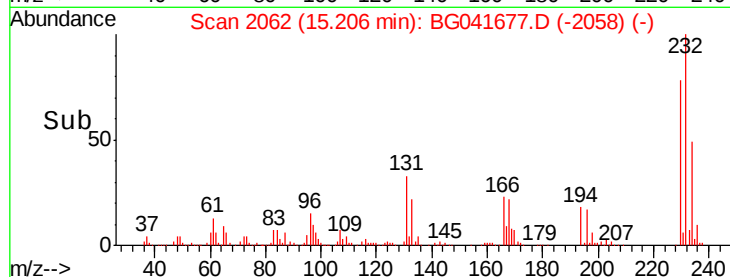
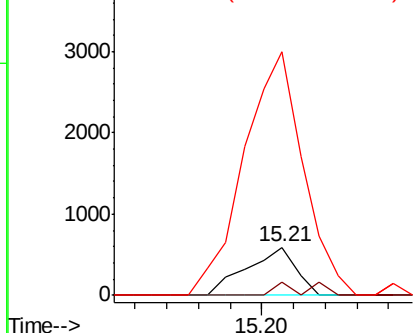
#61
 4-Chlorophenyl-phenylether
 Concen: 0.133 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. -0.50 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion:204 Resp: 635
 Ion Ratio Lower Upper
 204 100
 206 28.0 28.6 42.8#
 141 508.0 42.9 64.3#

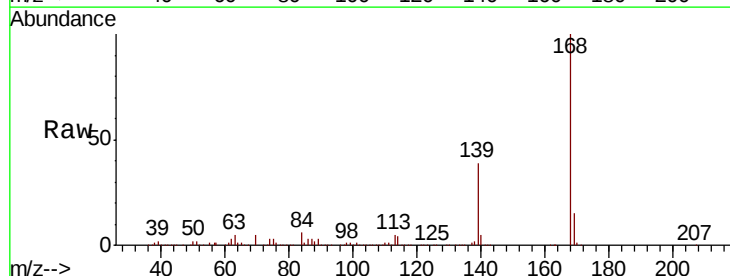


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

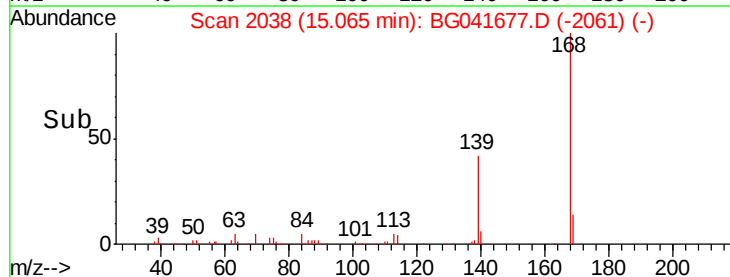
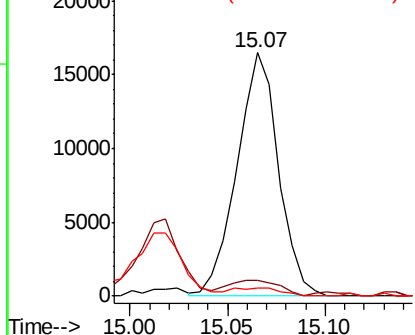


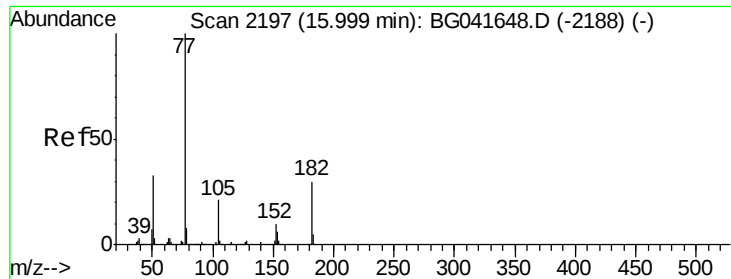
#62
 4-Nitroaniline
 Concen: 11.180 ng
 RT: 15.07 min Scan# 2038
 Delta R.T. -0.66 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Tgt Ion:138 Resp: 24271
 Ion Ratio Lower Upper
 138 100
 92 6.6 29.8 69.8#
 108 3.2 52.2 92.2#



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





#63

Azobenzene

Concen: 5.848 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.52 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion: 77 Resp: 47084

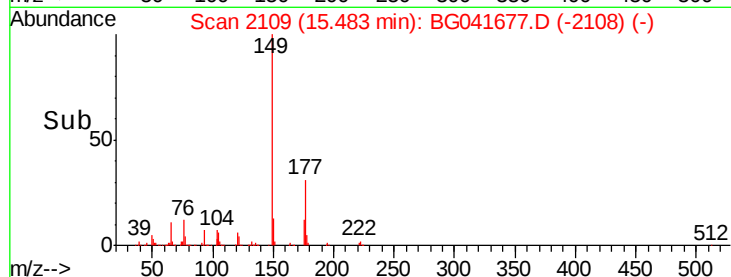
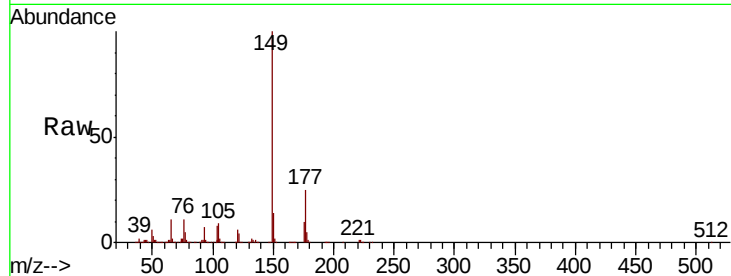
Ion Ratio Lower Upper

77 100

182 0.0 13.2 53.2#

105 196.9 2.2 42.2#

51 61.1 14.6 54.6#

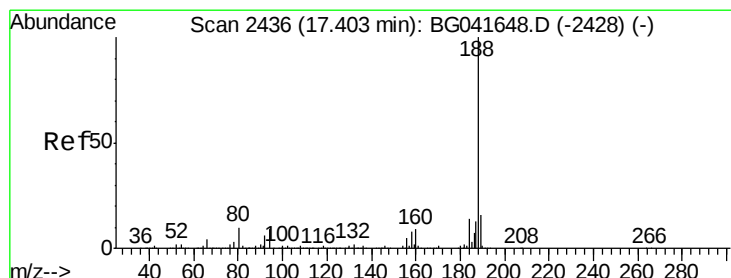
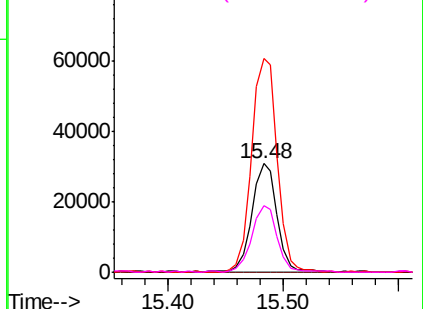


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 16.72 min Scan# 2319

Delta R.T. -0.69 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

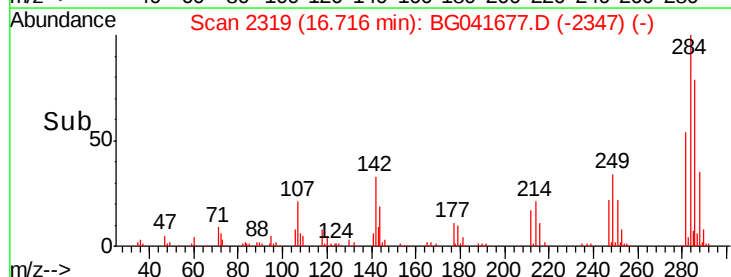
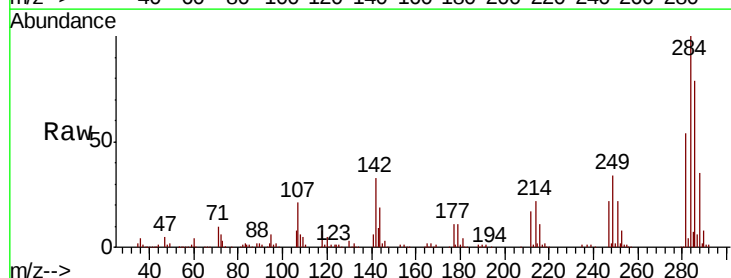
Tgt Ion: 188 Resp: 3735

Ion Ratio Lower Upper

188 100

94 138.1 6.9 10.3#

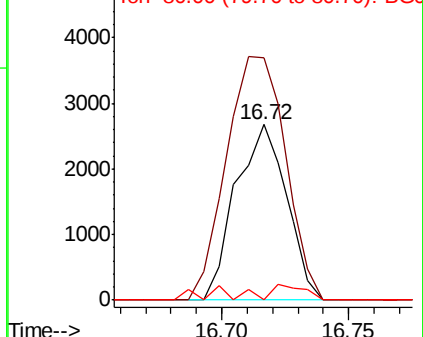
80 0.0 8.0 12.0#

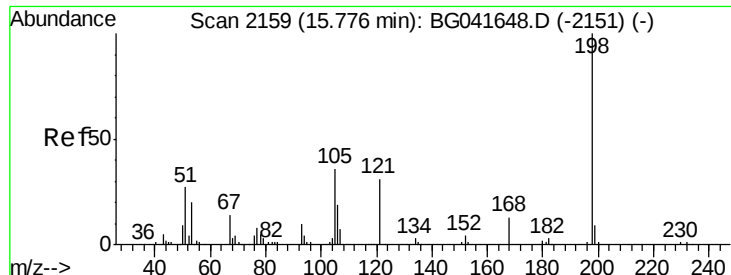


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 840.845 ng

RT: 15.21 min Scan# 2062

Delta R.T. -0.57 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

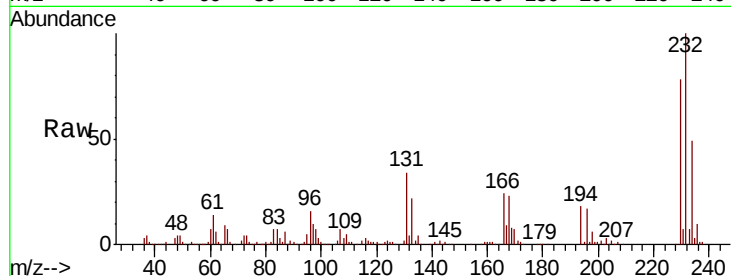
Tot Ion:198 Resp: 17179

Ion Ratio Lower Upper

198 100

51 3.6 22.3 62.3#

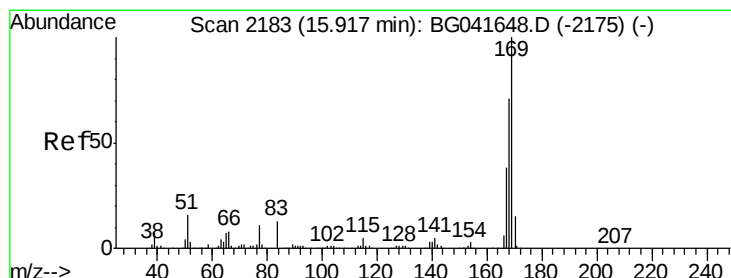
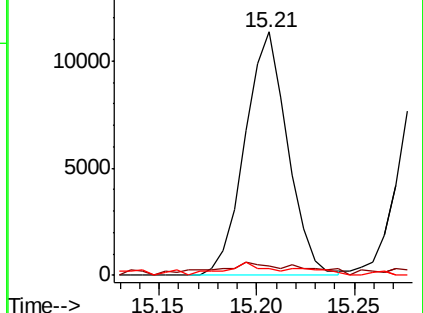
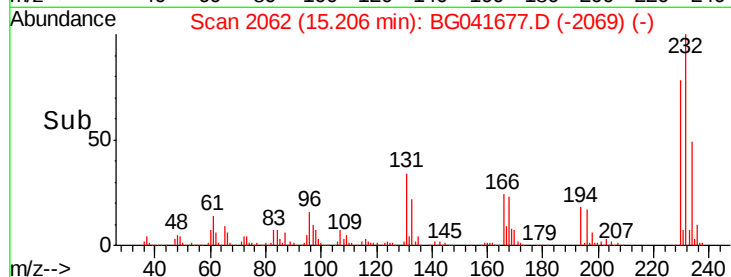
105 2.7 18.0 58.0#



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: 240.245 ng

RT: 15.29 min Scan# 2076

Delta R.T. -0.63 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

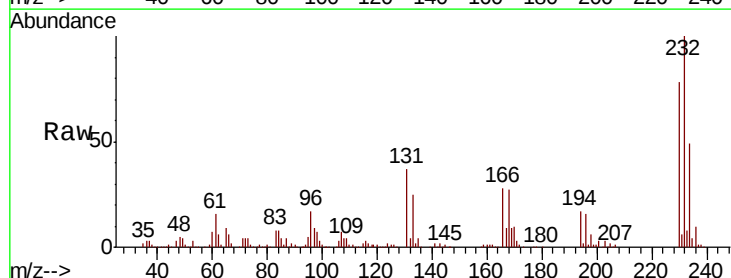
Tgt Ion:169 Resp: 26351

Ion Ratio Lower Upper

169 100

168 315.7 56.9 85.3#

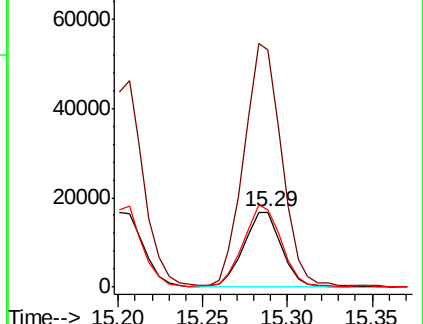
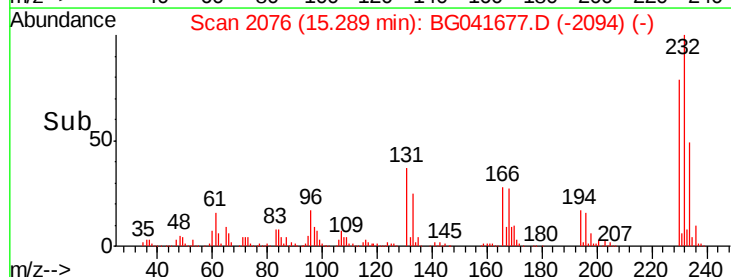
167 103.1 31.5 47.3#

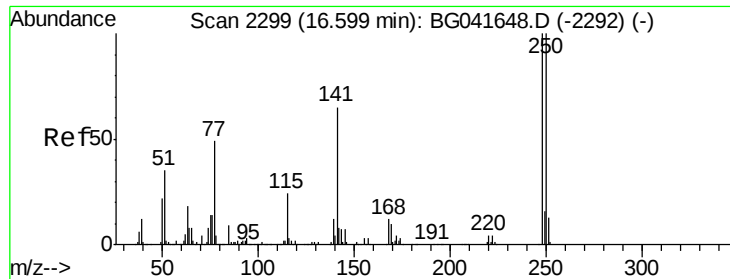


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

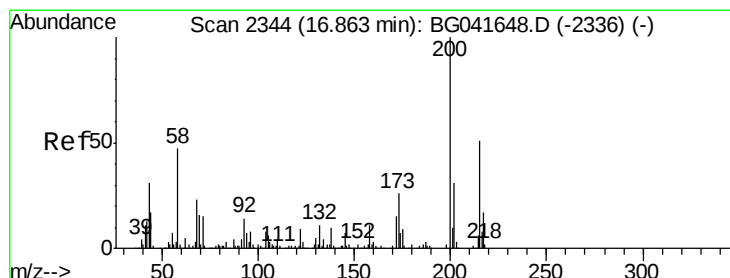
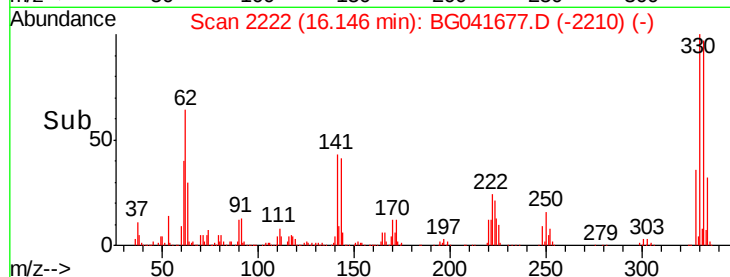
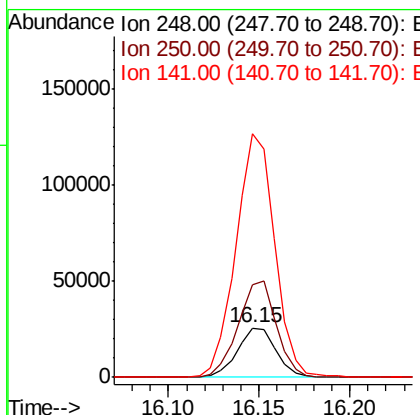
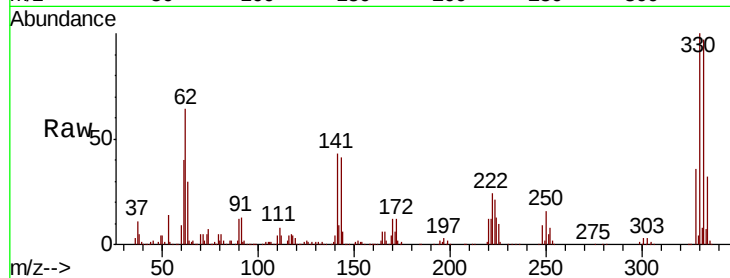




#67
 4-Bromophenyl-phenylether
 Concen: 851.519 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

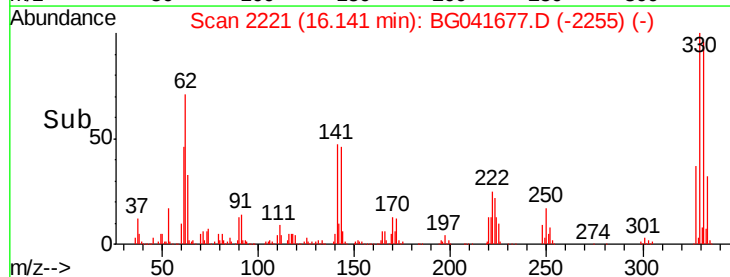
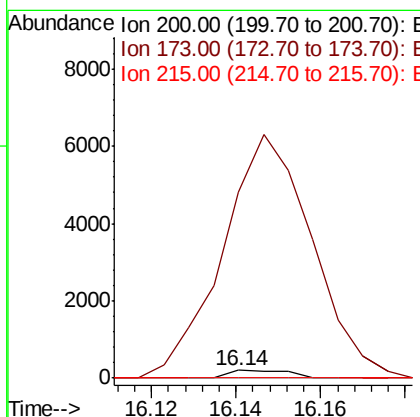
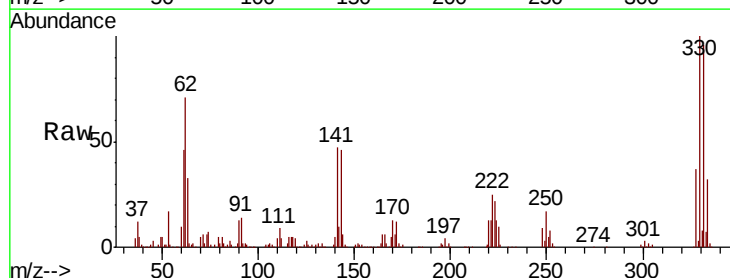
Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

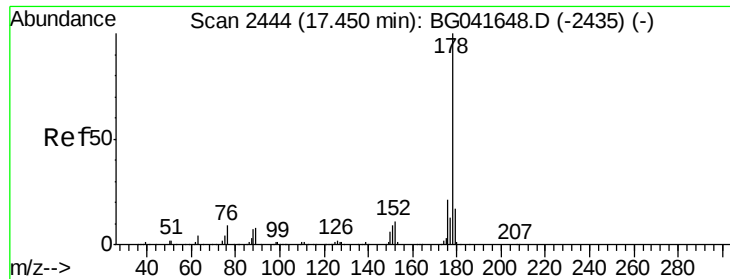
Tot Ion:248 Resp: 37843
 Ion Ratio Lower Upper
 248 100
 250 186.1 78.1 117.1#
 141 491.7 49.6 74.4#



#69
 Atrazine
 Concen: 4.899 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.73 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Tgt Ion:200 Resp: 195
 Ion Ratio Lower Upper
 200 100
 173 2378.2 5.3 45.3#
 215 0.0 31.8 71.8#





#71

Phenanthrene

Concen: 19.416 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.74 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

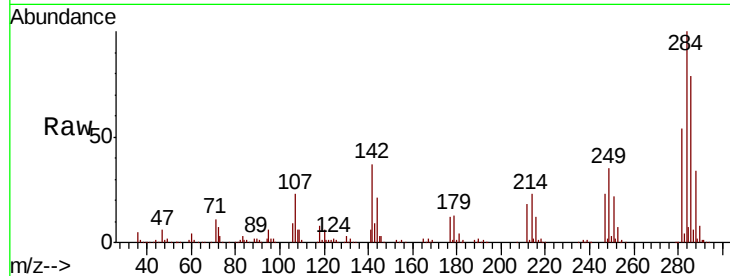
Tot Ion:178 Resp: 3652

Ion Ratio Lower Upper

178 100

176 0.0 18.6 28.0#

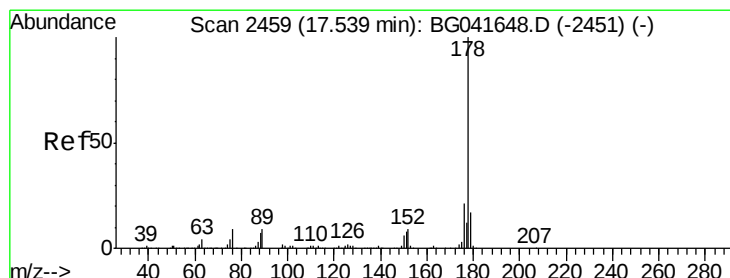
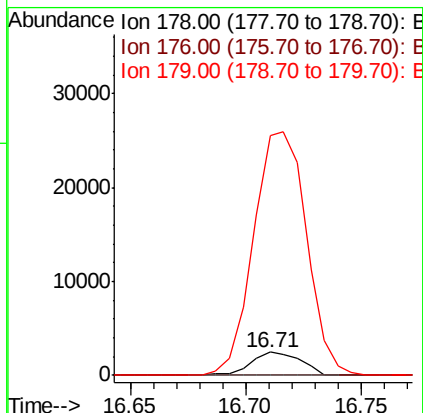
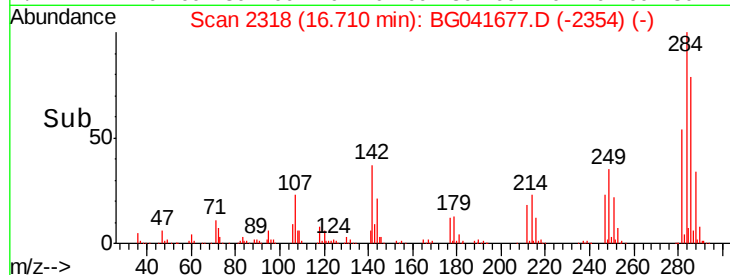
179 1041.1 15.4 23.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 3.989 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.69 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

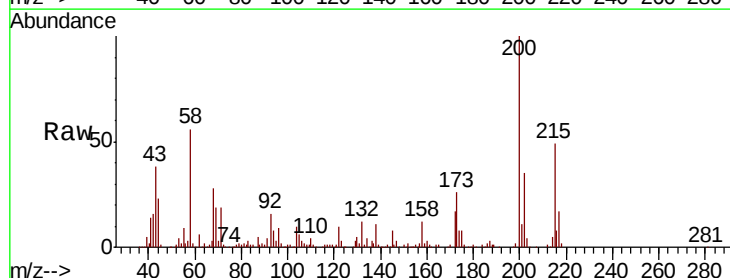
Tgt Ion:178 Resp: 748

Ion Ratio Lower Upper

178 100

176 250.9 18.6 28.0#

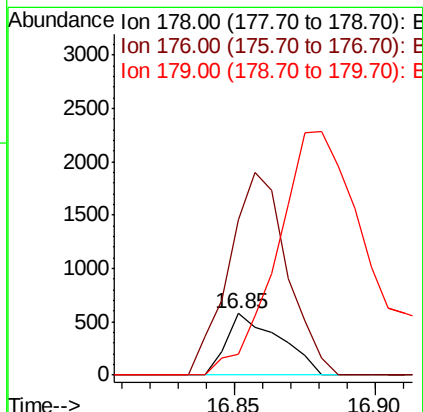
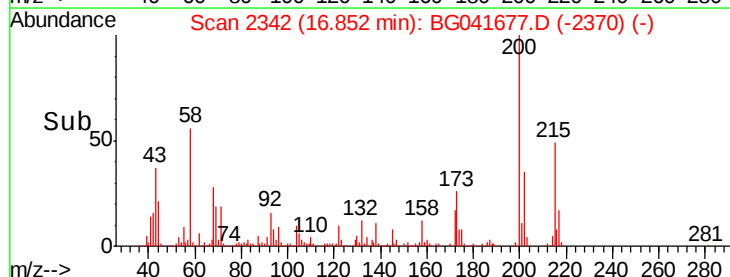
179 33.4 15.1 22.7#

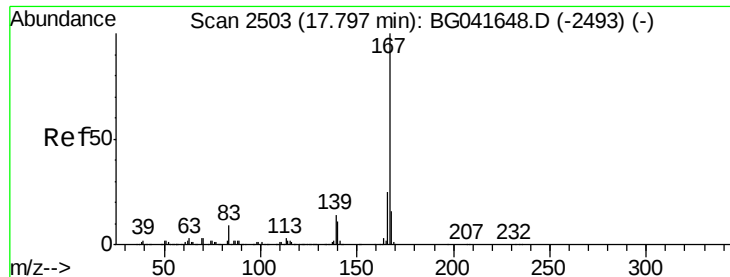


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

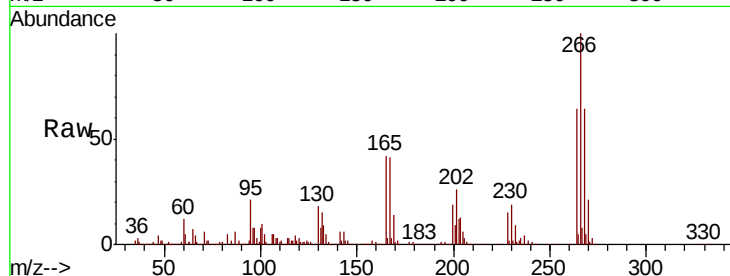




#73
 Carbazole
 Concen: 1024.501 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.75 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	7.9	21.4	32.2#
139	0.2	12.1	18.1#

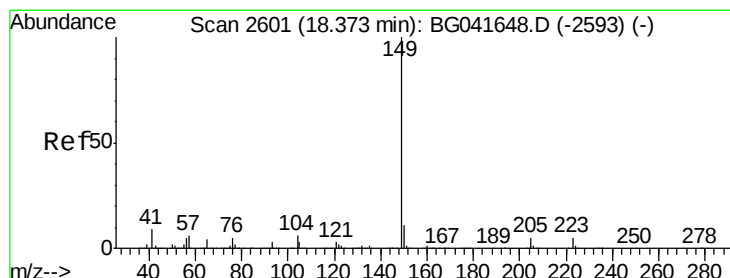
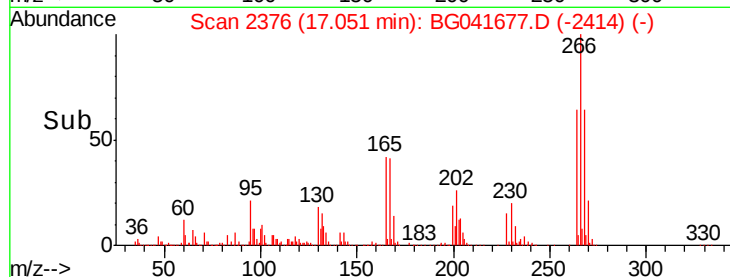
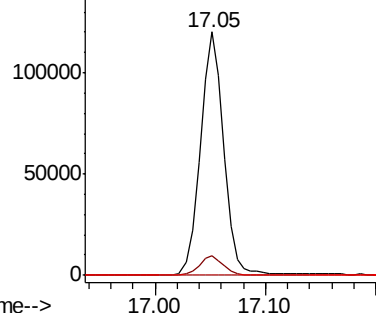


Abundance

Ion 167.00 (166.70 to 167.70): E

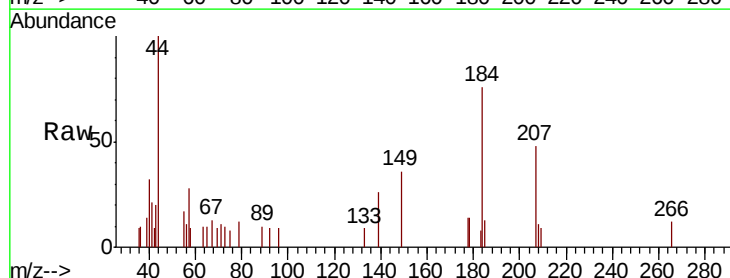
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 4.112 ng
 RT: 17.69 min Scan# 2484
 Delta R.T. -0.69 min
 Lab File: BG041677.D
 Acq: 17 Jul 2019 3:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	10.2	15.2#
104	0.0	5.3	7.9#

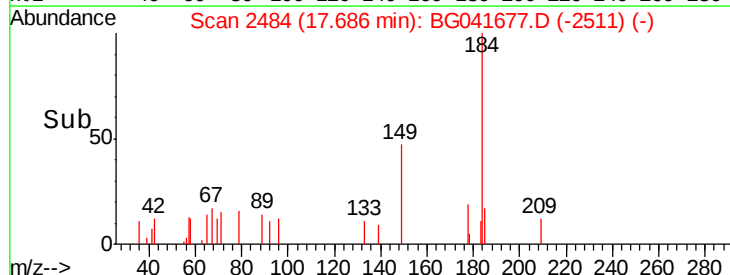
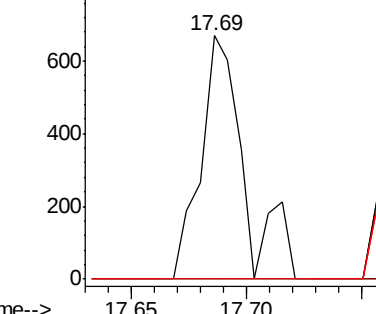


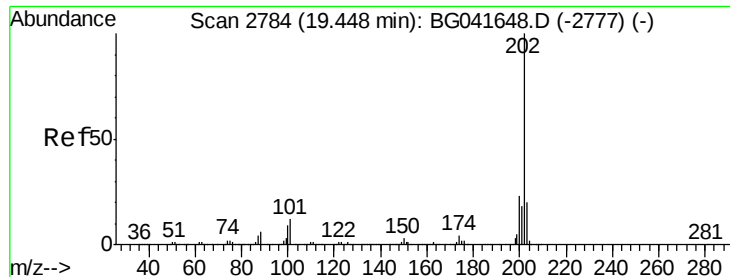
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.268 ng

RT: 18.78 min Scan# 2670

Delta R.T. -0.67 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

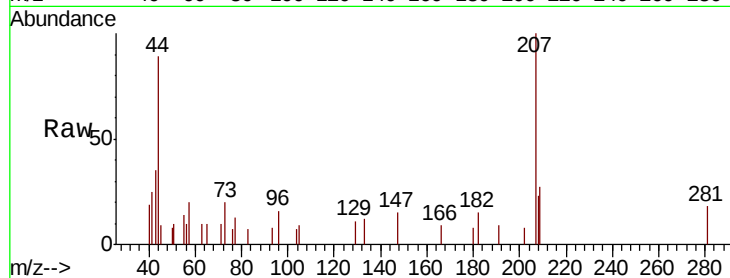
Tot Ion:202 Resp: 62

Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.8

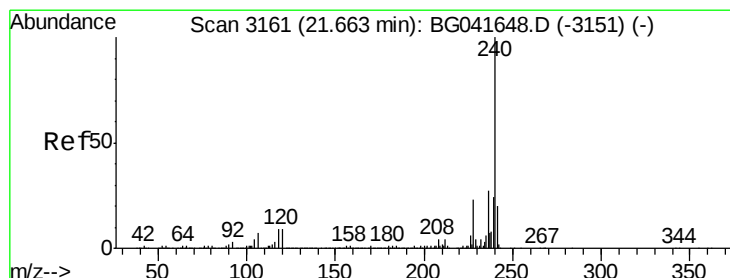
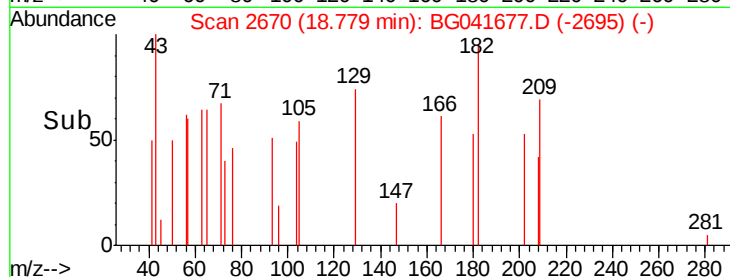
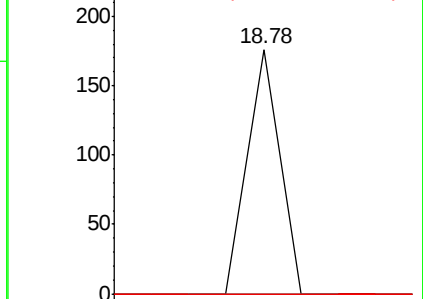
203 0.0 3.7 43.7#



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: 20.78 min Scan# 3010

Delta R.T. -0.89 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

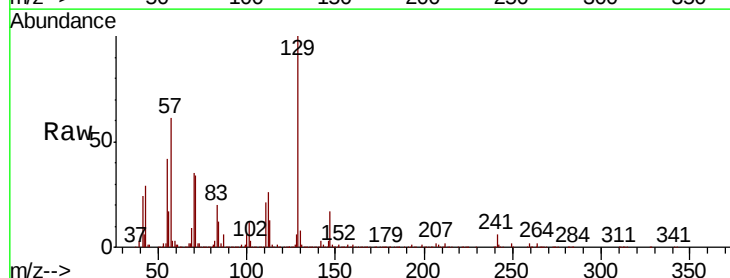
Tgt Ion:240 Resp: 312

Ion Ratio Lower Upper

240 100

120 0.0 8.0 12.0#

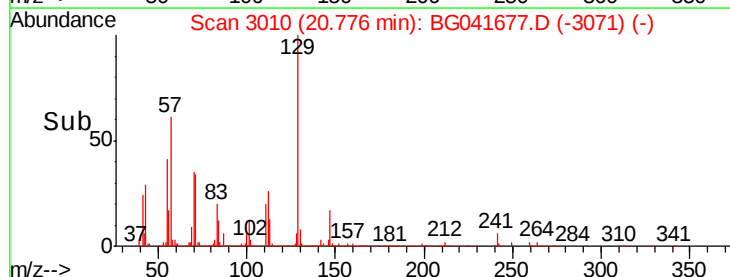
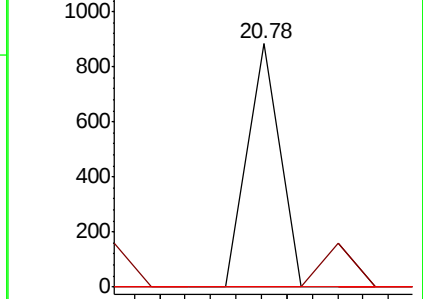
236 0.0 22.6 33.8#

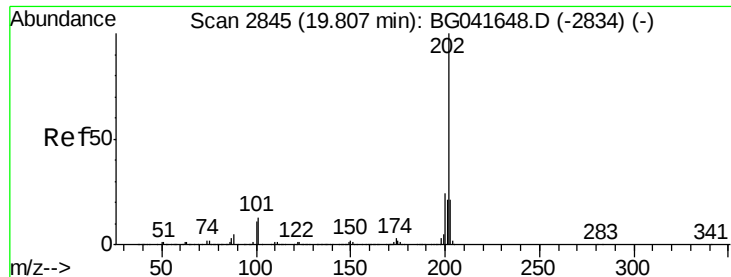


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 84650.004 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.36 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

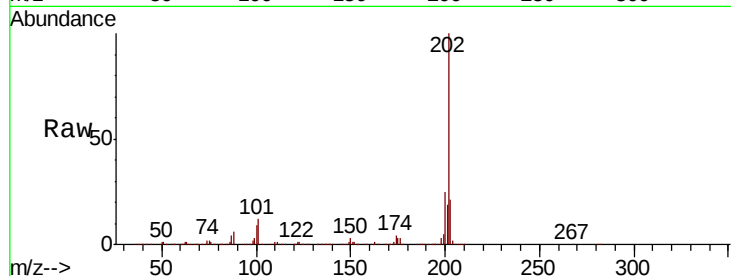
Tot Ion: 202 Resp: 1786242

Ion Ratio Lower Upper

202 100

200 25.0 22.2 33.2

203 21.1 18.9 28.3

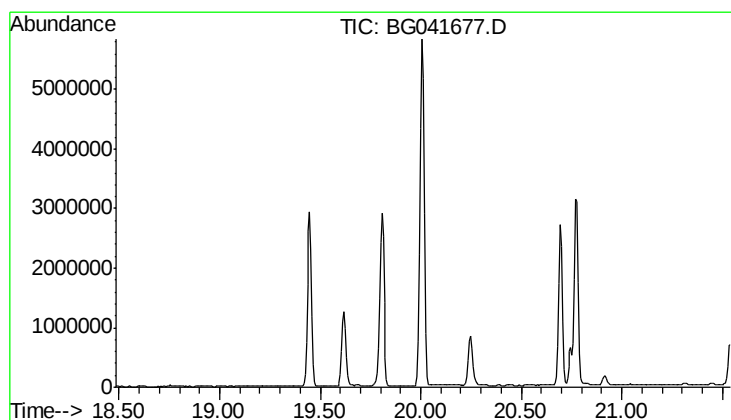
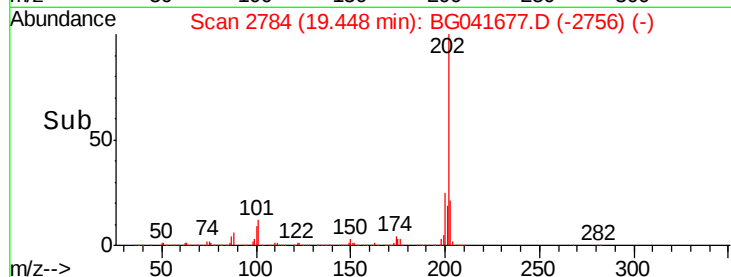
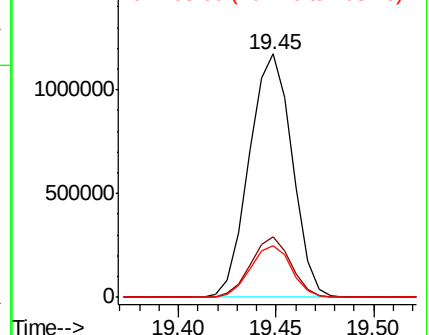


Abundance

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: 0.000 ng

Expected RT: 20.01 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

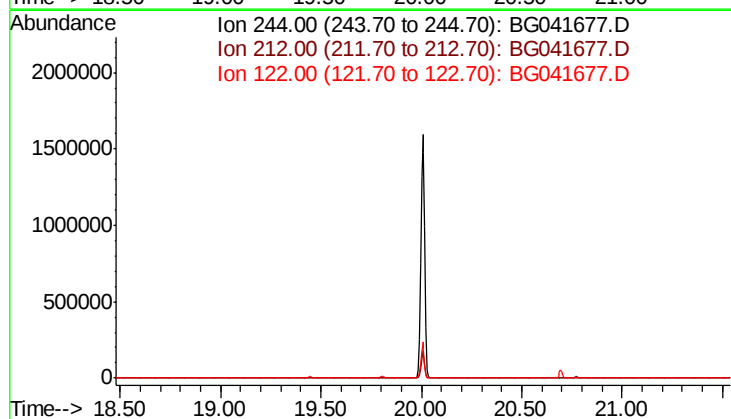
Tgt Ion: 244

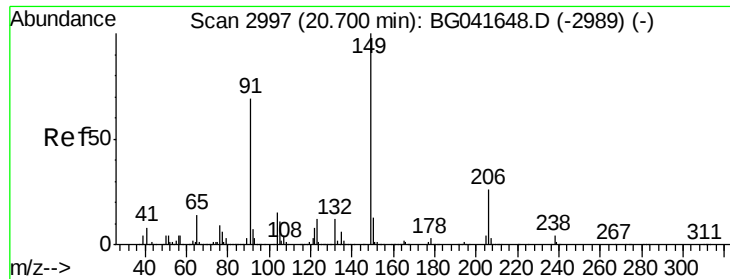
Sig Exp Ratio

244 100

212 12.1

122 15.6

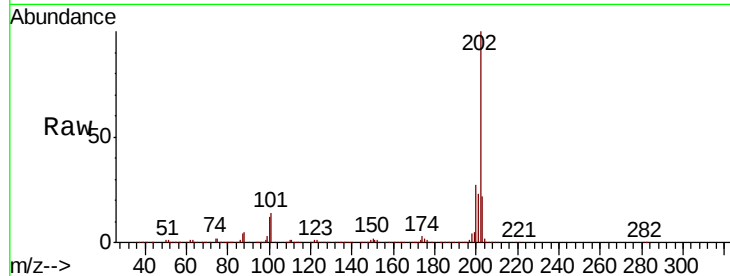




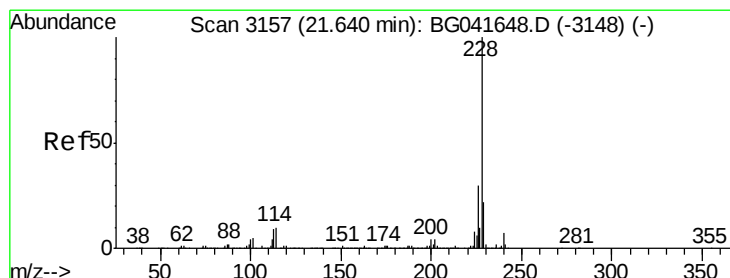
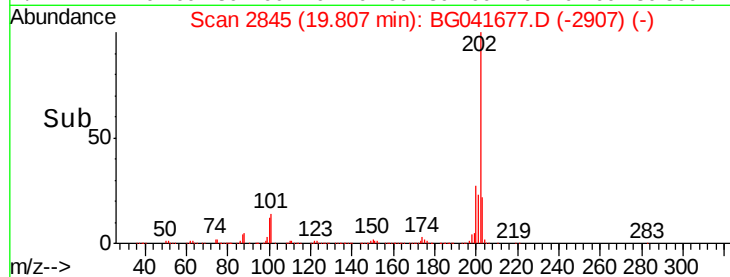
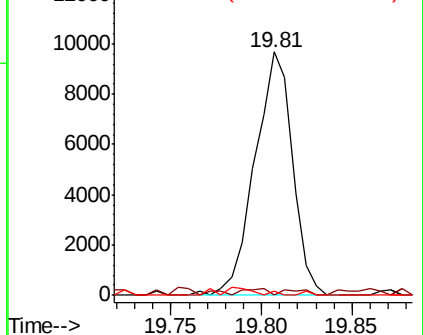
#80
Butylbenzylphthalate
Concen: 1584.632 ng
RT: 19.81 min Scan# 2845
Delta R.T. -0.89 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	58.9	88.3#
206	1.7	20.8	31.2#

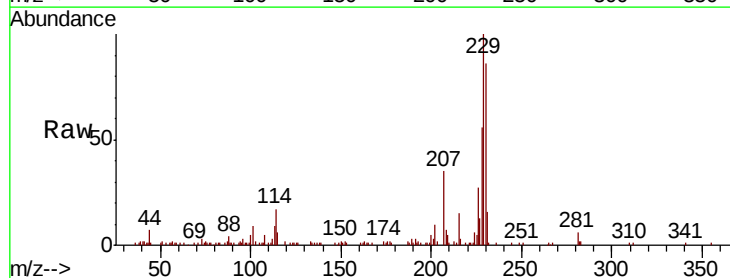


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

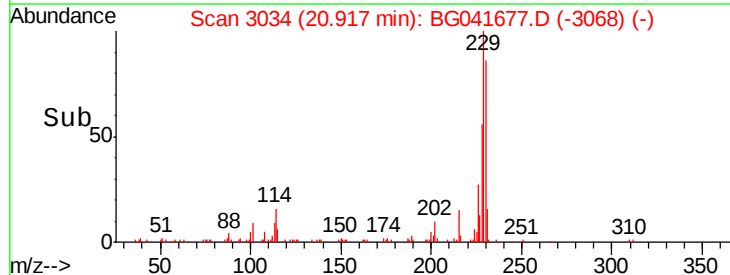
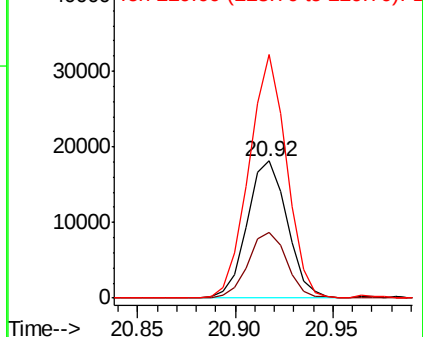


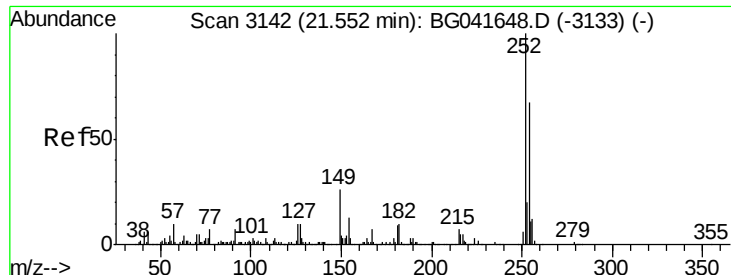
#81
Benzo(a)anthracene
Concen: 1277.974 ng
RT: 20.92 min Scan# 3034
Delta R.T. -0.73 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	47.8	27.3	40.9#
229	177.4	19.7	29.5#



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





#82

3,3'-Dichlorobenzidine

Concen: 7.060 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.93 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

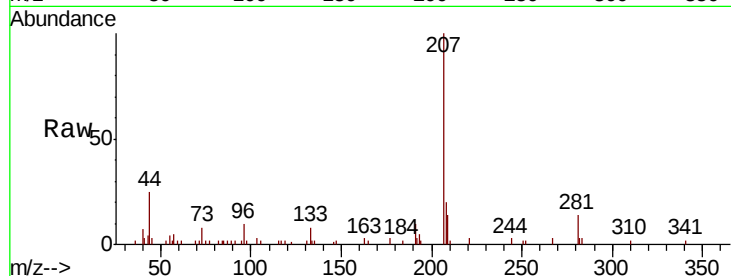
Instrument :

BNA_G

ClientSampleId :

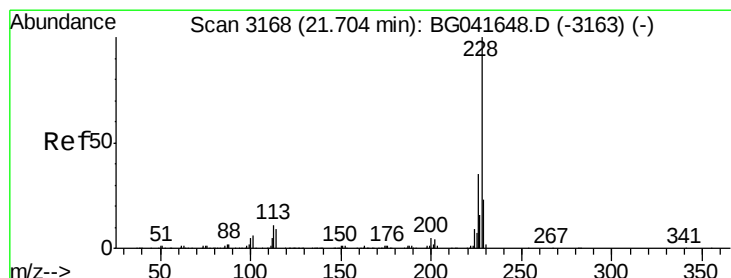
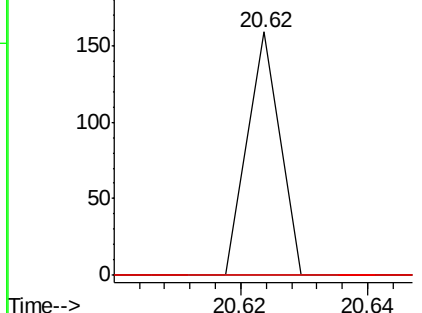
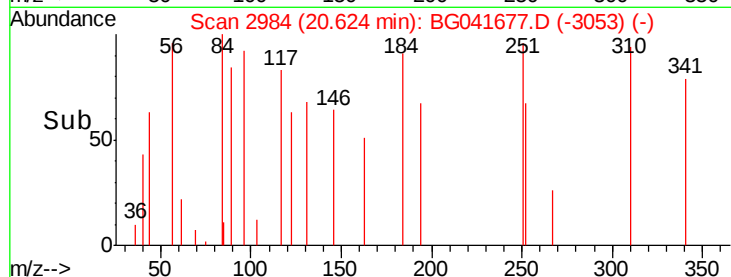
PB121423BS

Tot Ion:	252	Resp:	56
Ion	Ratio	Lower	Upper
252	100		
254	0.0	53.8	80.6#
126	0.0	7.8	11.8#



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

20.62



#83

Chrysene

Concen: 1337.434 ng

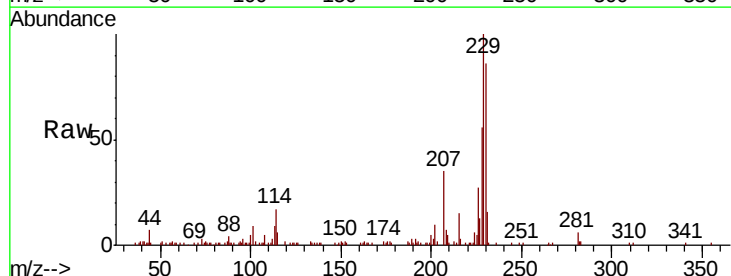
RT: 20.92 min Scan# 3034

Delta R.T. -0.79 min

Lab File: BG041677.D

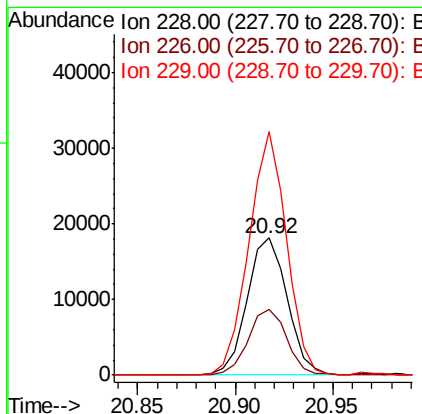
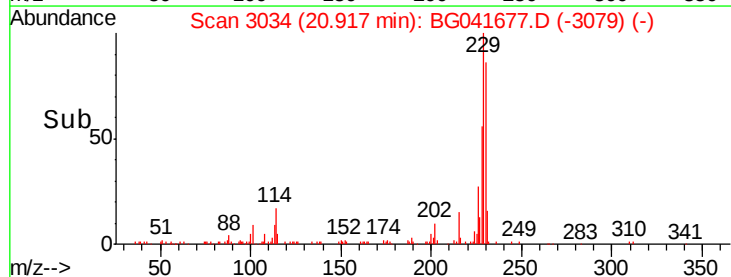
Acq: 17 Jul 2019 3:15

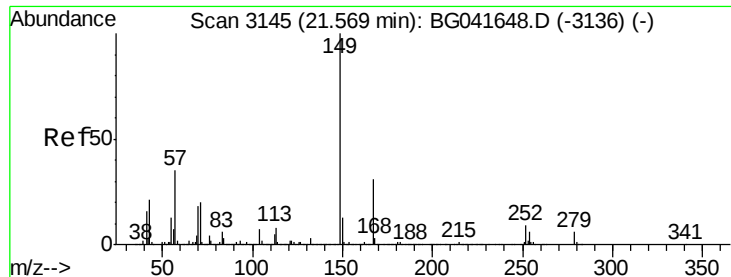
Tgt Ion:	228	Resp:	25762
Ion	Ratio	Lower	Upper
228	100		
226	47.8	30.1	45.1#
229	177.4	19.8	29.6#



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

20.92





#84

Bis(2-ethylhexyl)phthalate

Concen: 62077.231 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.88 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

Instrument :

BNA_G

ClientSampleId :

PB121423BS

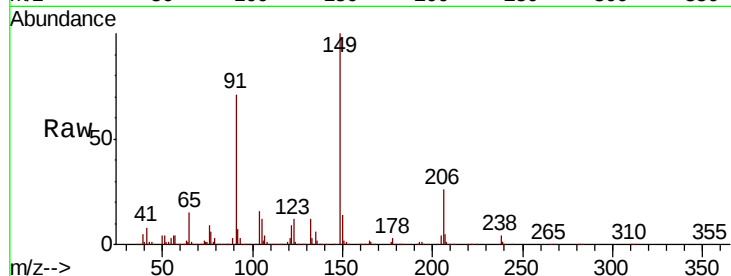
Tot Ion:149 Resp: 768551

Ion Ratio Lower Upper

149 100

167 0.3 27.0 40.4#

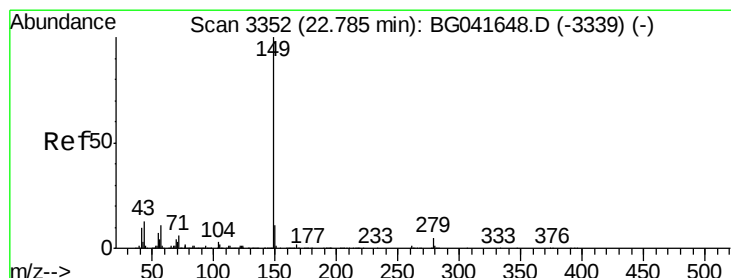
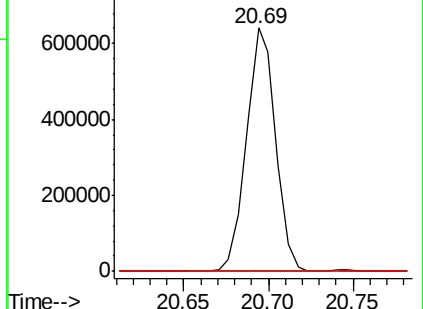
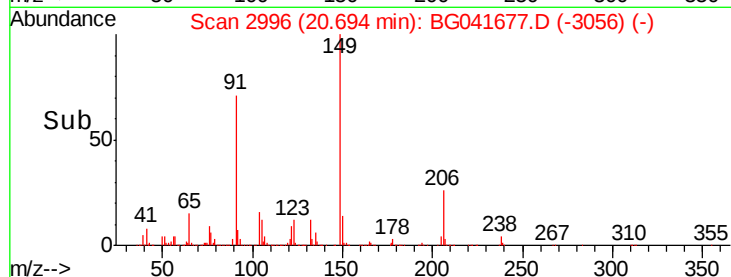
279 0.0 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 51346.280 ng

RT: 21.56 min Scan# 3144

Delta R.T. -1.22 min

Lab File: BG041677.D

Acq: 17 Jul 2019 3:15

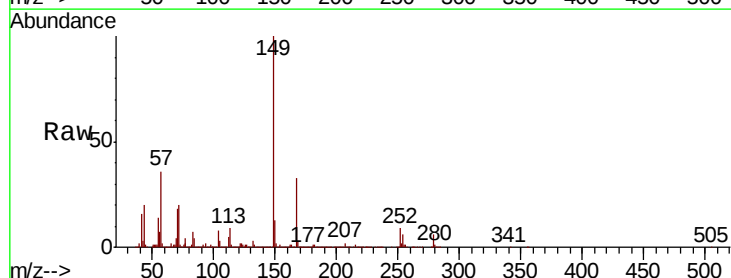
Tgt Ion:149 Resp: 1082578

Ion Ratio Lower Upper

149 100

167 31.5 1.6 2.4#

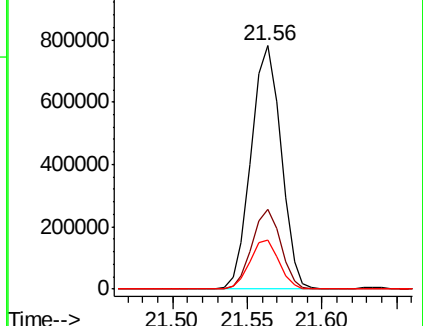
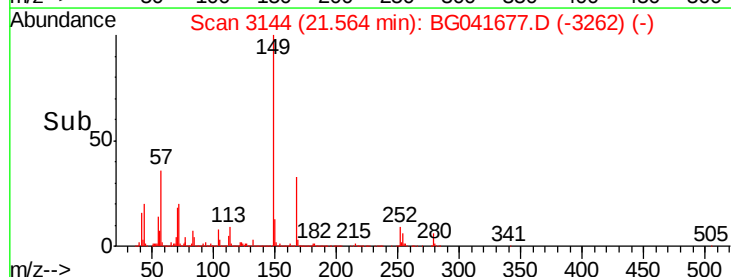
43 19.6 10.6 16.0#

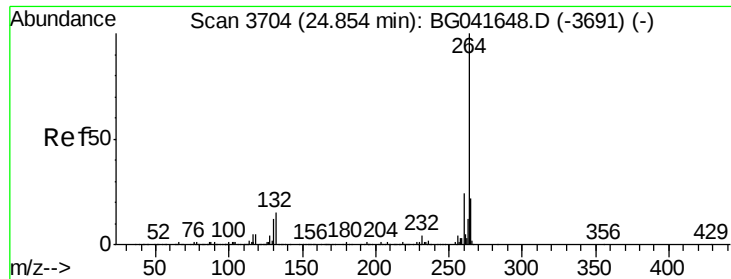


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

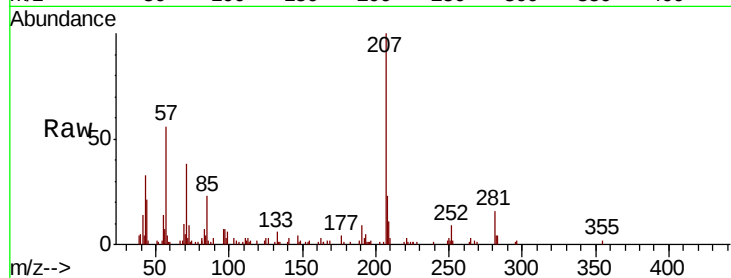




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.86 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.5	29.3#
265	283.4	18.0	27.0#

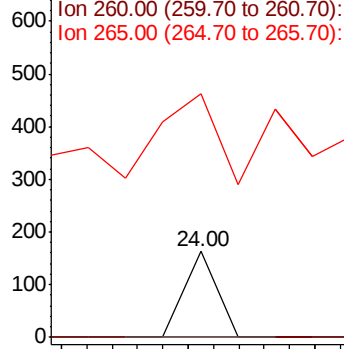


Abundance

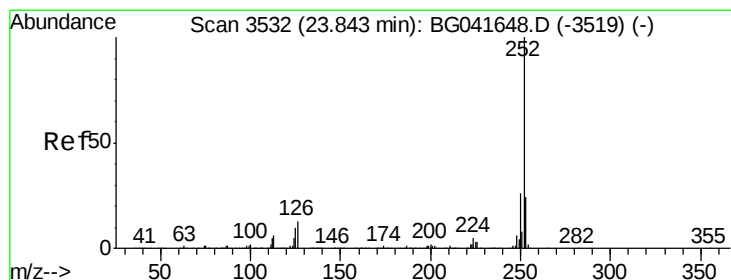
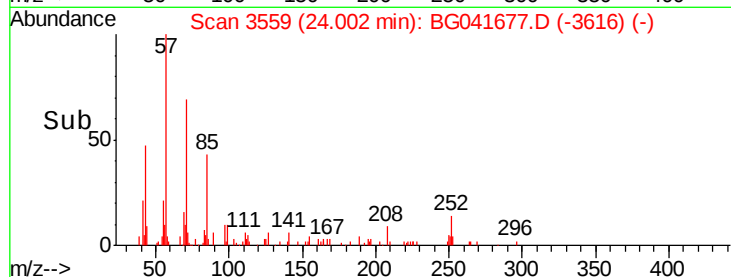
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

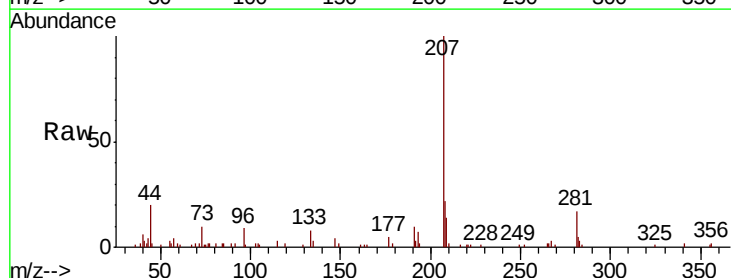


Time-->



#88
Benzo(b)fluoranthene
Concen: 16.486 ng
RT: 23.05 min Scan# 3397
Delta R.T. -0.80 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	20.6	30.8#
125	0.0	8.0	12.0#

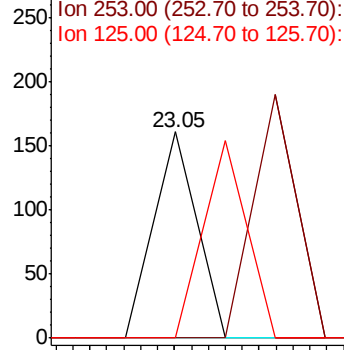


Abundance

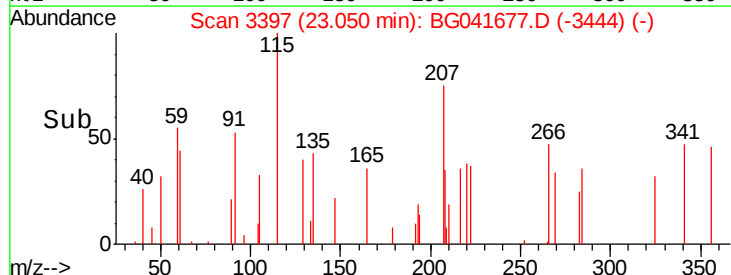
Ion 252.00 (251.70 to 252.70): E

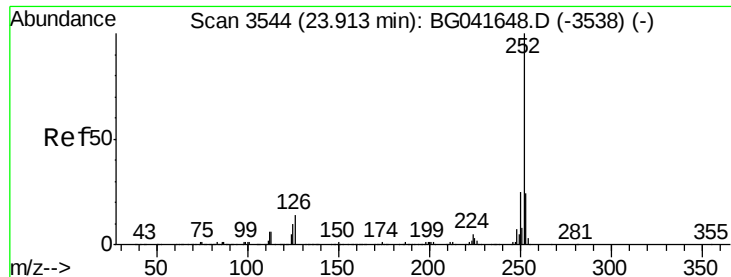
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

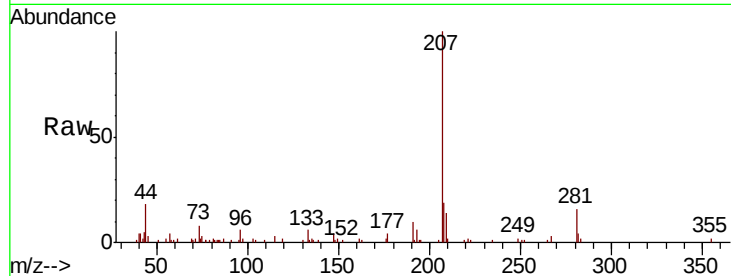




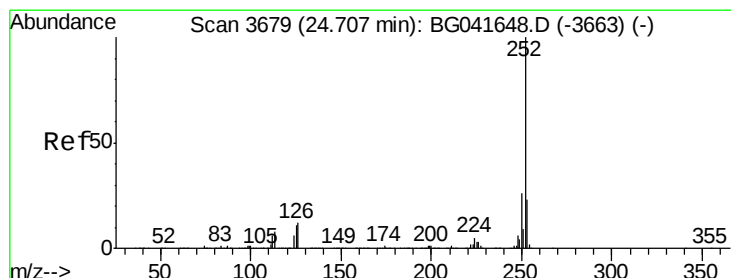
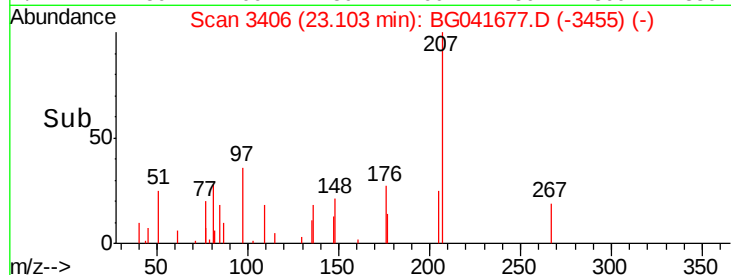
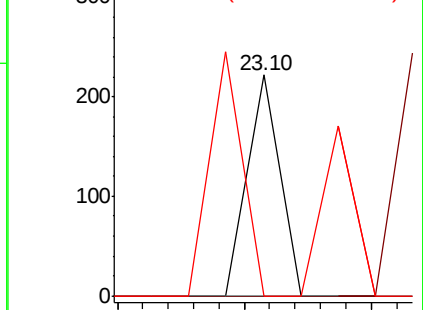
#89
Benzo(k)fluoranthene
Concen: 24.347 ng
RT: 23.10 min Scan# 3406
Delta R.T. -0.82 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:252 Resp: 78
Ion Ratio Lower Upper
252 100
253 0.0 20.5 30.7#
125 0.0 8.4 12.6#

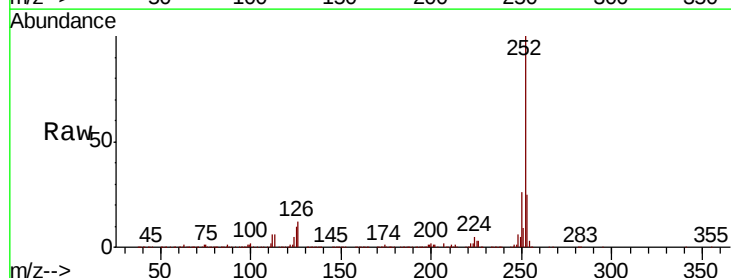


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

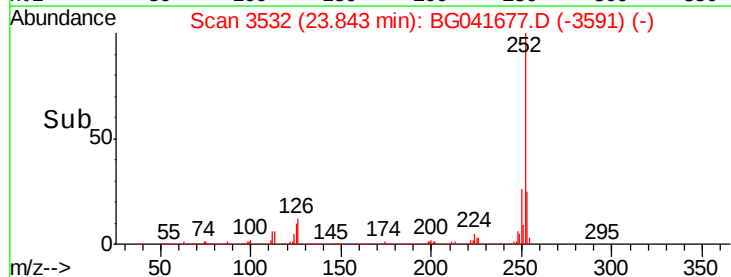
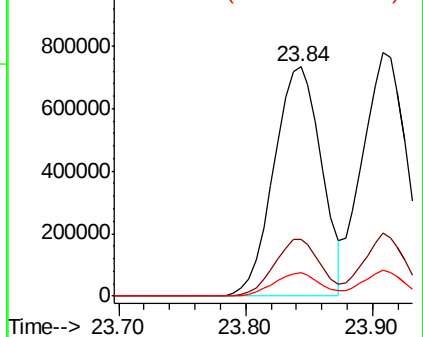


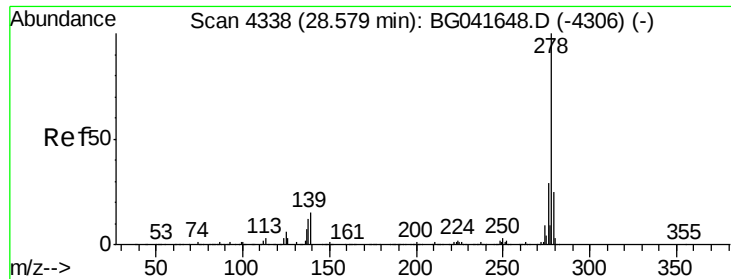
#90
Benzo(a)pyrene
Concen: 585963.153 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.87 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion:252 Resp: 1916829
Ion Ratio Lower Upper
252 100
253 24.8 19.8 29.8
125 10.1 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

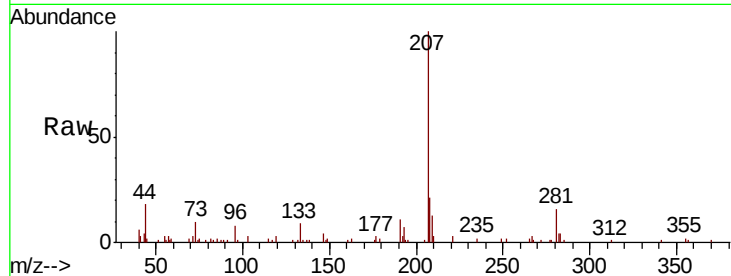




#91
Dibenzo(a,h)anthracene
Concen: 38.464 ng
RT: 27.59 min Scan# 4170
Delta R.T. -1.00 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.6	19.0#
279	0.0	20.5	30.7#

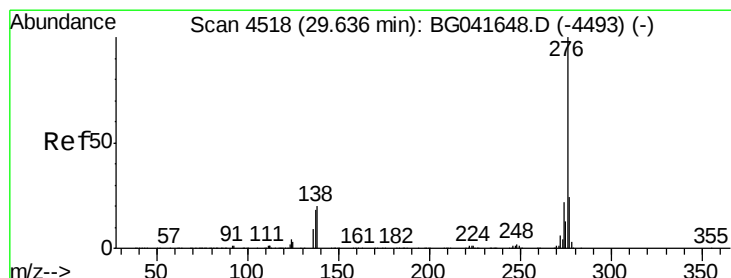
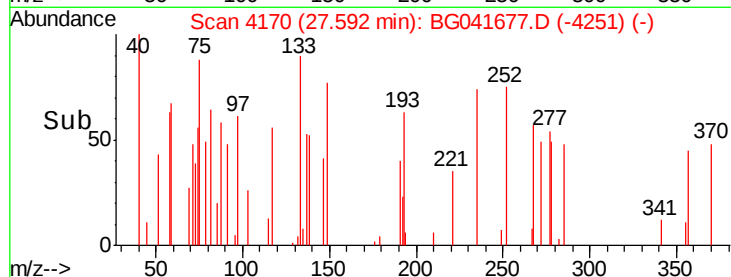
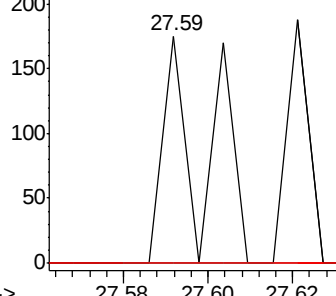


Abundance

Ion 278.00 (277.70 to 278.70): E

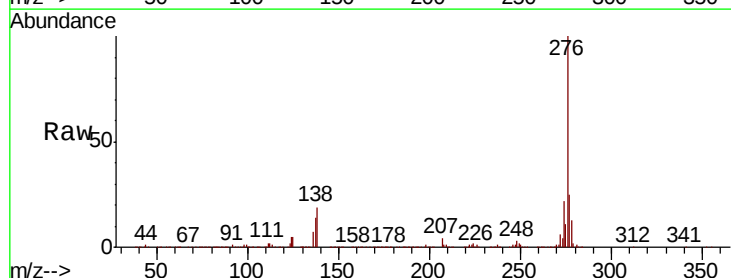
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 708762.066 ng
RT: 28.51 min Scan# 4326
Delta R.T. -1.16 min
Lab File: BG041677.D
Acq: 17 Jul 2019 3:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	19.3	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

