

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043603.D
 Acq On : 12 Nov 2019 4:23
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 07:48:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	47173	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	203802	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	156303	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	386308	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	297794	20.00	ng	0.00
87) Perylene-d12	24.83	264	349530	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	219618	85.31	ng	0.00
7) Phenol-d6	7.20	99	335434	90.56	ng	0.00
23) Nitrobenzene-d5	9.17	82	326779	82.66	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	244246	82.11	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	899049	79.48	ng	0.00
79) Terphenyl-d14	19.99	244	1624384	102.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	35552	35.439	ng	94
3) Pyridine	3.87	79	111211	43.947	ng	99
4) n-Nitrosodimethylamine	3.78	42	55344	43.341	ng	89
6) Aniline	7.34	93	187964	44.054	ng	99
8) 2-Chlorophenol	7.58	128	121996	42.930	ng	98
9) Benzaldehyde	7.14	77	83313	45.771	ng	98
10) Phenol	7.23	94	153214	45.269	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	108382	41.419	ng	97
12) 1,3-Dichlorobenzene	7.89	146	145121	40.759	ng	99
13) 1,4-Dichlorobenzene	8.04	146	147592	40.971	ng	97
14) 1,2-Dichlorobenzene	8.36	146	140779	40.025	ng	96
15) Benzyl Alcohol	8.25	79	122785	47.203	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	158041	41.536	ng	96
17) 2-Methylphenol	8.47	107	110358	44.728	ng	97
18) Hexachloroethane	9.09	117	52867	40.677	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	103601	43.287	ng	94
20) 3+4-Methylphenols	8.80	107	155326	45.909	ng	97
22) Acetophenone	8.83	105	212345	40.686	ng	# 96
24) Nitrobenzene	9.21	77	152873	40.595	ng	# 93
25) Isophorone	9.73	82	290520	40.197	ng	99
26) 2-Nitrophenol	9.92	139	81455	44.803	ng	96
27) 2,4-Dimethylphenol	10.00	122	113508	43.560	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	164645	41.275	ng	98
29) 2,4-Dichlorophenol	10.47	162	147163	44.078	ng	91
30) 1,2,4-Trichlorobenzene	10.67	180	168983	40.158	ng	99
31) Naphthalene	10.86	128	419014	40.504	ng	98
32) Benzoic acid	10.22	122	88083	44.973	ng	97
33) 4-Chloroaniline	10.97	127	186556	43.994	ng	99
34) Hexachlorobutadiene	11.14	225	120599	38.770	ng	95
35) Caprolactam	11.77	113	52323	45.503	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	164402	45.143	ng	97
37) 2-Methylnaphthalene	12.46	142	327976	41.320	ng	99
38) 1-Methylnaphthalene	12.68	142	311902	41.299	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	226276	39.117	ng	98

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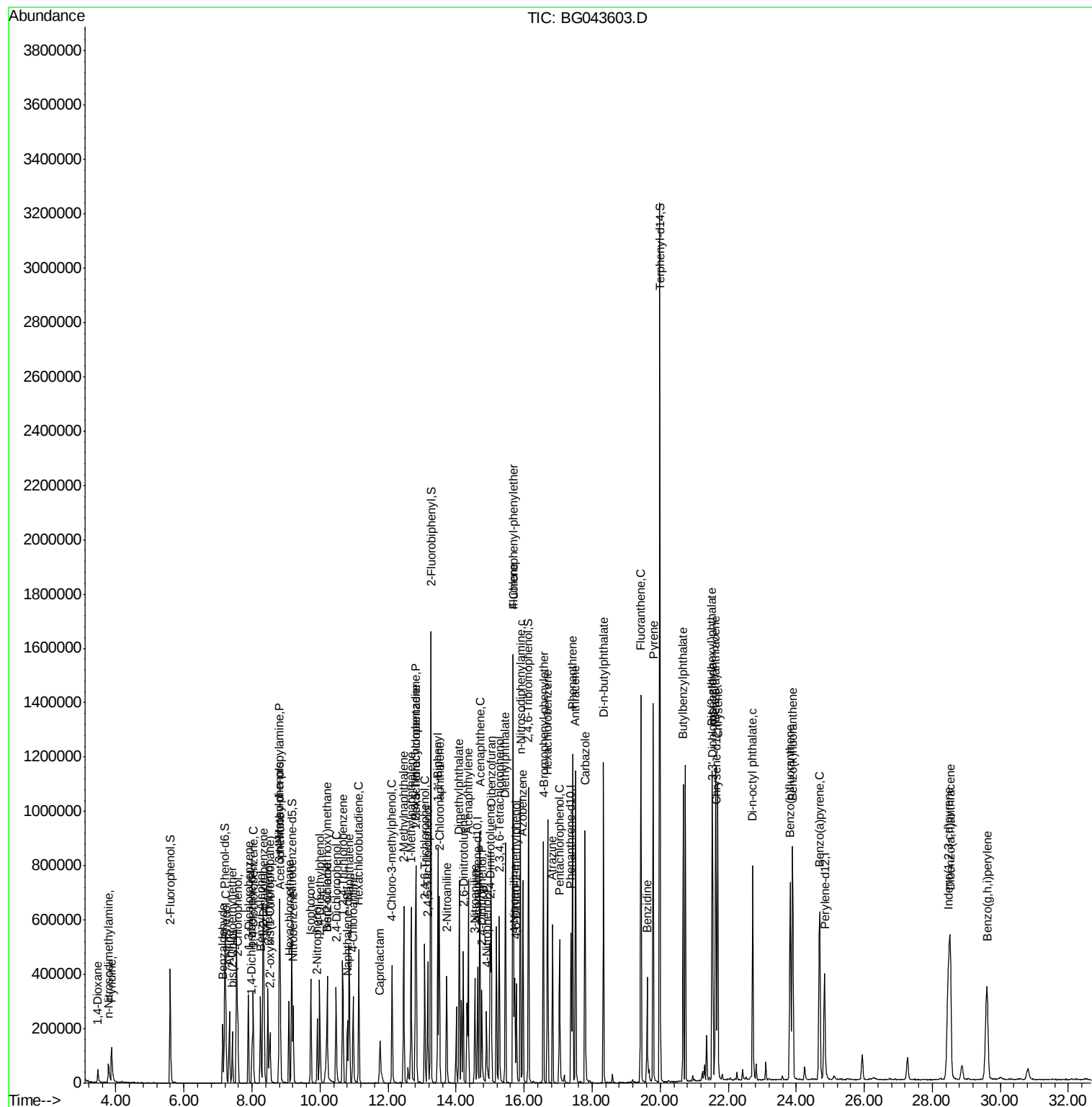
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	205648	67.677	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	138864	40.764	ng	97
44) 2,4,5-Trichlorophenol	13.16	196	145449	42.233	ng	97
46) 1,1'-Biphenyl	13.47	154	478033	40.202	ng	97
47) 2-Chloronaphthalene	13.51	162	362373	40.053	ng	98
48) 2-Nitroaniline	13.72	65	120663	44.623	ng	93
49) Acenaphthylene	14.36	152	572267	40.642	ng	99
50) Dimethylphthalate	14.09	163	491667	40.611	ng	99
51) 2,6-Dinitrotoluene	14.21	165	110279	41.929	ng	98
52) Acenaphthene	14.70	154	348394	40.573	ng	96
53) 3-Nitroaniline	14.55	138	111345	43.847	ng	# 96
54) 2,4-Dinitrophenol	14.76	184	91910	58.149	ng	98
55) Dibenzofuran	15.03	168	565361	40.600	ng	99
56) 4-Nitrophenol	14.89	139	72392	42.541	ng	92
57) 2,4-Dinitrotoluene	15.00	165	160761	42.769	ng	# 99
58) Fluorene	15.68	166	482853	41.343	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	150932	41.249	ng	97
60) Diethylphthalate	15.45	149	493538	40.571	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	279268	40.988	ng	99
62) 4-Nitroaniline	15.72	138	120369	45.898	ng	93
63) Azobenzene	15.97	77	407775	41.419	ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	90759	39.922	ng	94
66) n-Nitrosodiphenylamine	15.89	169	430661	39.487	ng	97
67) 4-Bromophenyl-phenylether	16.57	248	203151	39.076	ng	97
68) Hexachlorobenzene	16.69	284	229075	38.386	ng	97
69) Atrazine	16.84	200	125415	33.093	ng	98
70) Pentachlorophenol	17.04	266	120749	44.406	ng	99
71) Phenanthrene	17.42	178	770793	38.965	ng	99
72) Anthracene	17.51	178	783805	39.602	ng	99
73) Carbazole	17.79	167	705935	39.387	ng	99
74) Di-n-butylphthalate	18.34	149	879958	40.463	ng	100
75) Fluoranthene	19.43	202	985896	38.229	ng	99
77) Benzidine	19.62	184	290125	48.409	ng	99
78) Pyrene	19.79	202	963644	52.278	ng	98
80) Butylbenzylphthalate	20.67	149	313156	44.842	ng	96
81) Benzo(a)anthracene	21.63	228	784137	42.037	ng	100
82) 3,3'-Dichlorobenzidine	21.54	252	299938	41.572	ng	100
83) Chrysene	21.70	228	749842	40.458	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	401040	40.426	ng	99
85) Di-n-octyl phthalate	22.72	149	710141	42.194	ng	98
86) Indeno(1,2,3-cd)pyrene	28.48	276	973400	41.840	ng	# 96
88) Benzo(b)fluoranthene	23.82	252	814934	41.166	ng	97
89) Benzo(k)fluoranthene	23.89	252	804582	40.372	ng	97
90) Benzo(a)pyrene	24.69	252	780179	41.271	ng	99
91) Dibenzo(a,h)anthracene	28.53	278	810447	41.914	ng	100
92) Benzo(g,h,i)perylene	29.61	276	786314	41.226	ng	99

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

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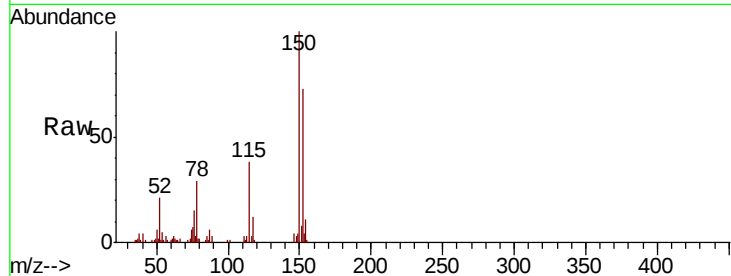


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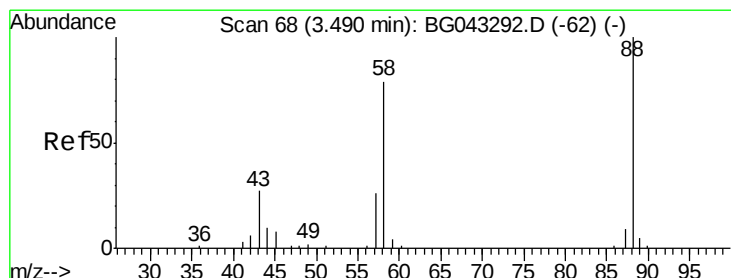
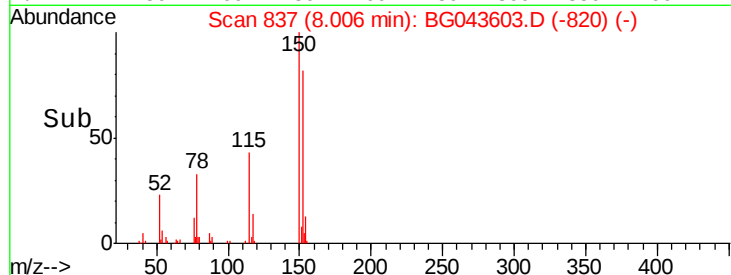
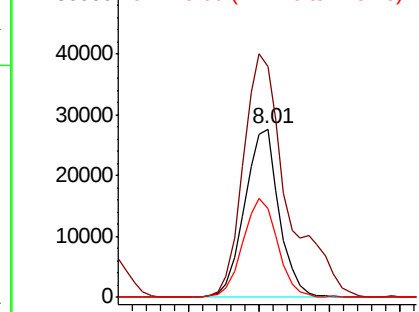
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47173
Ion Ratio Lower Upper
152 100
150 137.0 129.4 194.0
115 52.3 48.8 73.2



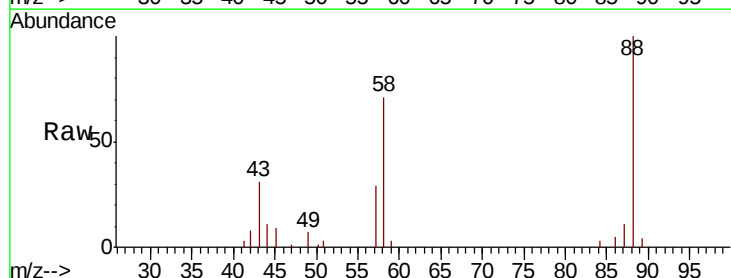
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



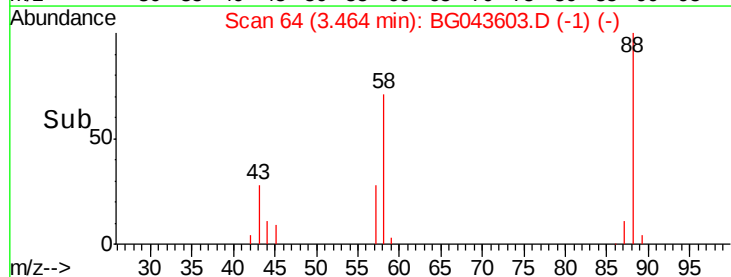
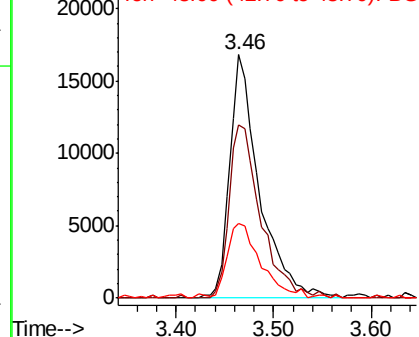
#2

1,4-Dioxane
Concen: 35.439 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion: 88 Resp: 35552
Ion Ratio Lower Upper
88 100
58 74.9 62.7 94.1
43 35.2 23.7 35.5



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: 43.947 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampled :

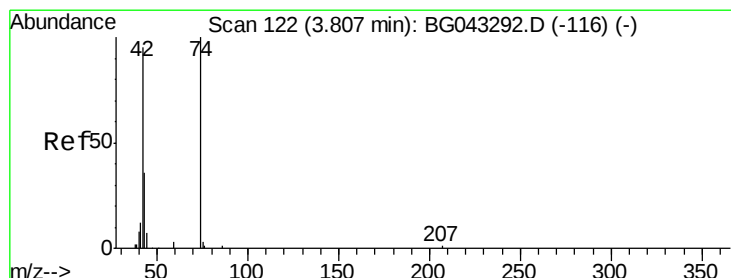
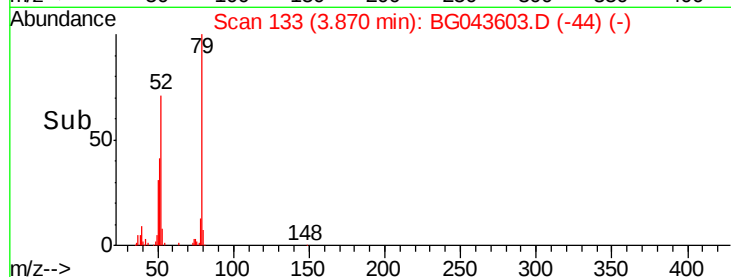
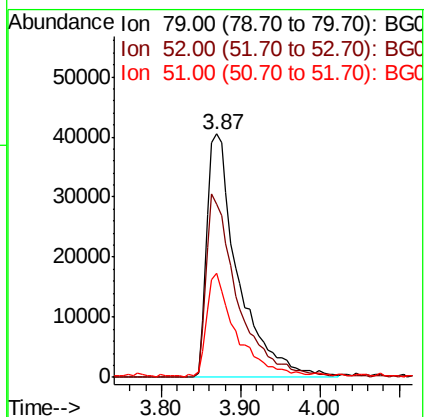
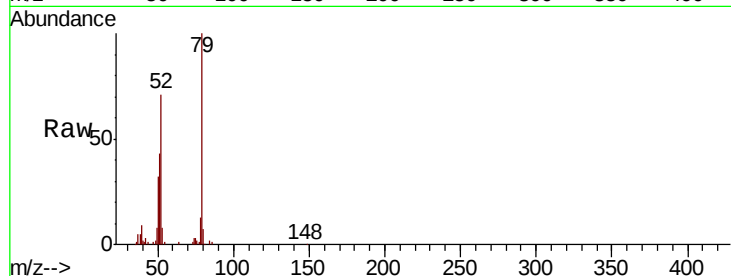
Tot Ion: 79 Resp: 111211

Ion Ratio Lower Upper

79 100

52 71.3 56.5 84.7

51 42.9 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 43.341 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

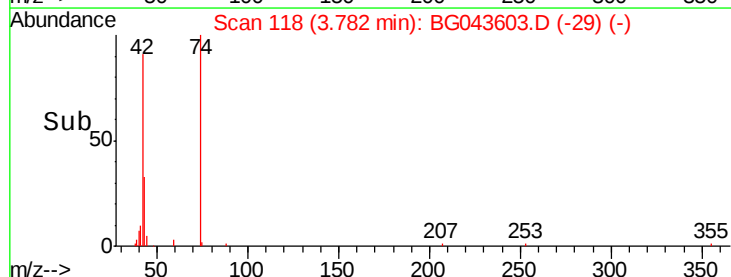
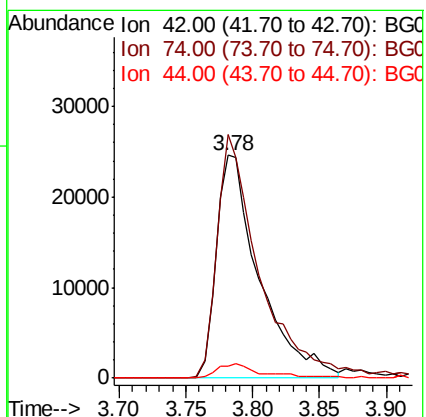
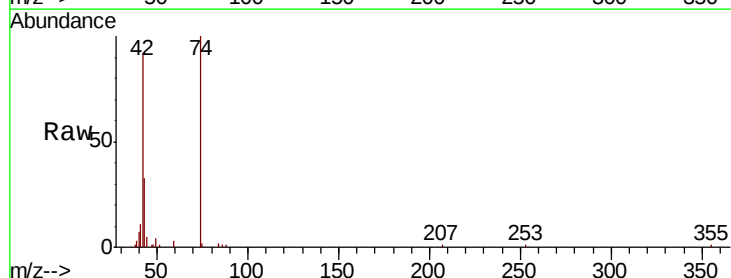
Tgt Ion: 42 Resp: 55344

Ion Ratio Lower Upper

42 100

74 109.2 97.3 145.9

44 5.6 4.4 6.6





#5

2-Fluorophenol

Concen: 85.311 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampled :

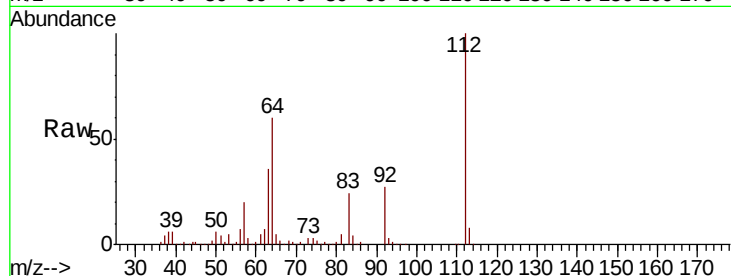
Tot Ion:112 Resp: 219618

Ion Ratio Lower Upper

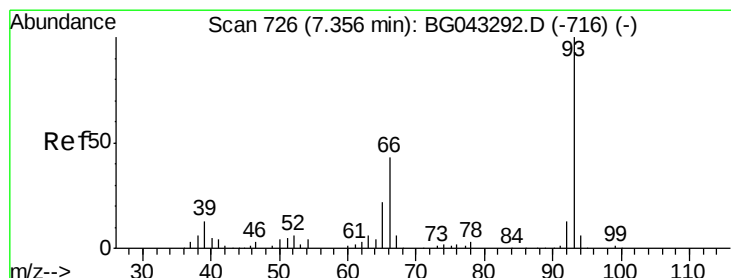
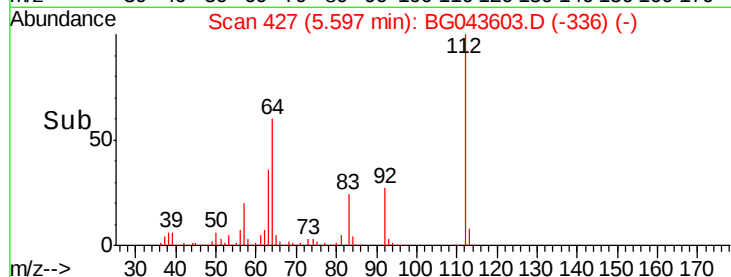
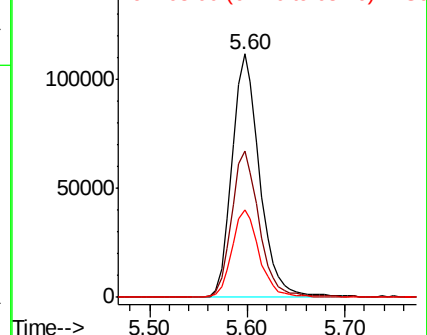
112 100

64 60.2 50.0 75.0

63 35.8 26.6 40.0



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: 44.054 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

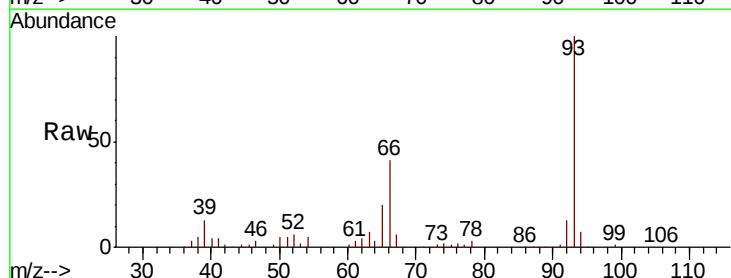
Tgt Ion: 93 Resp: 187964

Ion Ratio Lower Upper

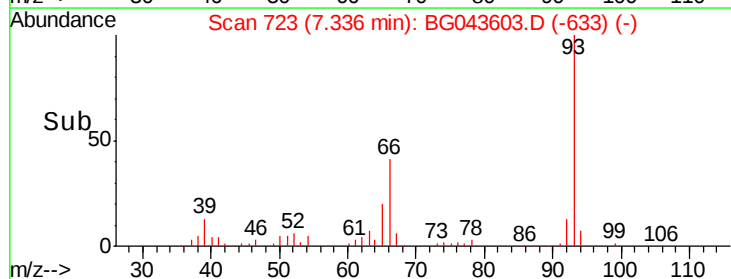
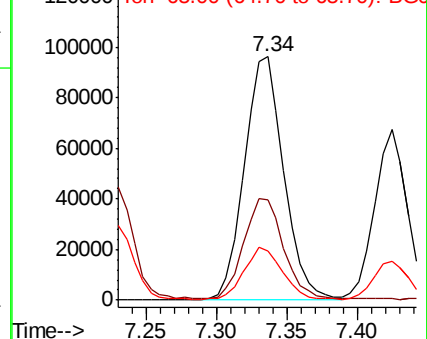
93 100

66 41.4 32.3 48.5

65 20.4 16.1 24.1



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: 90.564 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

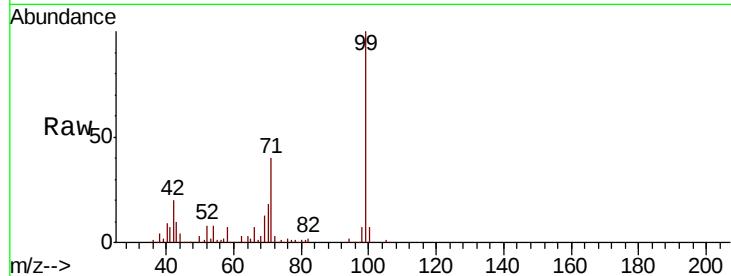
Tot Ion: 99 Resp: 335434

Ion Ratio Lower Upper

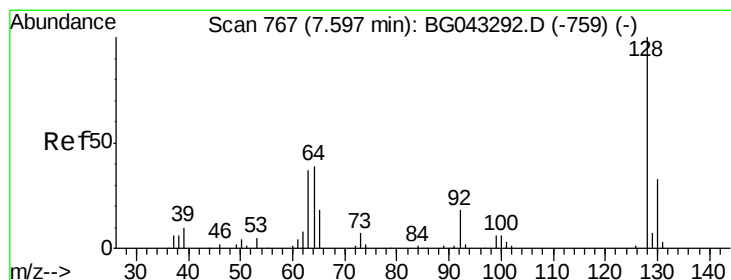
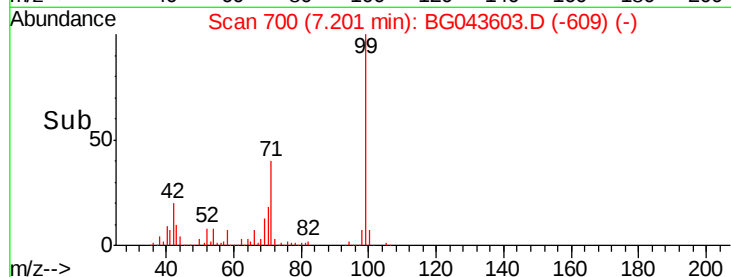
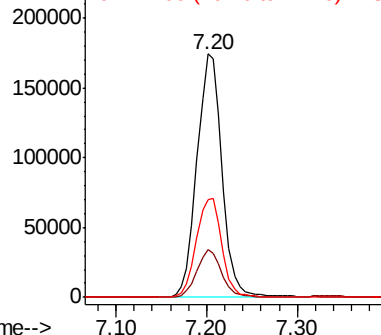
99 100

42 19.7 14.6 21.8

71 39.9 32.5 48.7



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: 42.930 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

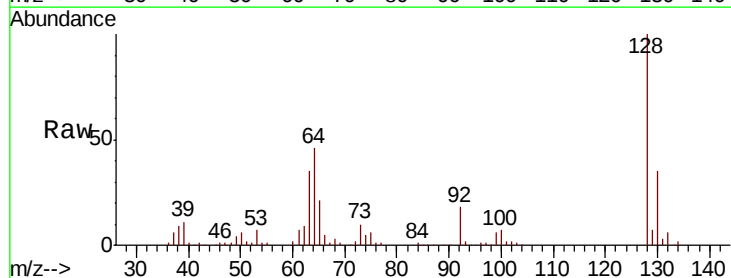
Tgt Ion: 128 Resp: 121996

Ion Ratio Lower Upper

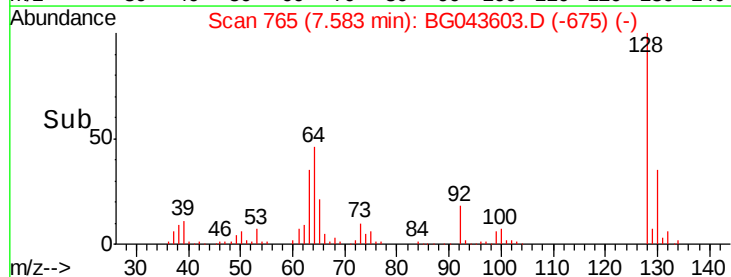
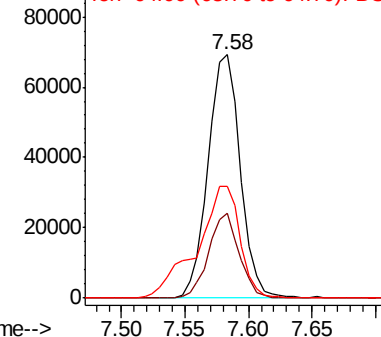
128 100

130 34.9 12.5 52.5

64 45.7 25.3 65.3



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: 45.771 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

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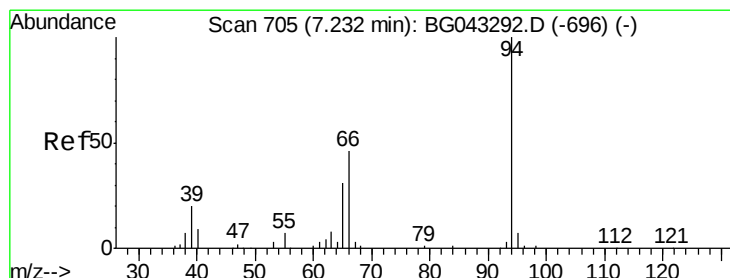
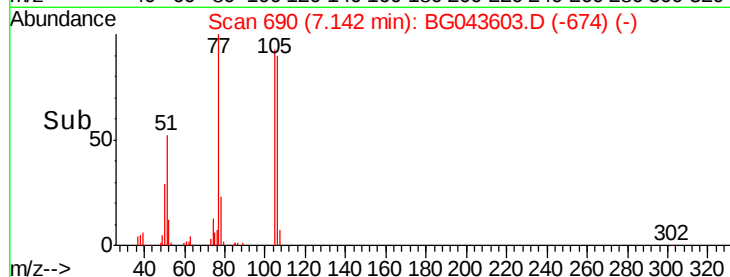
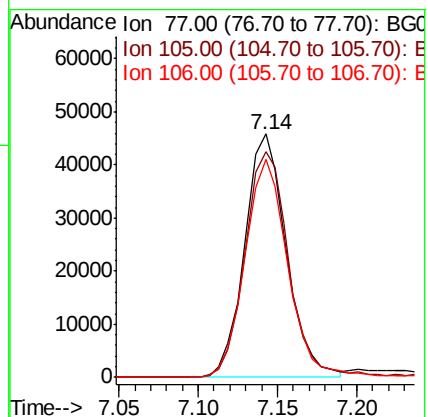
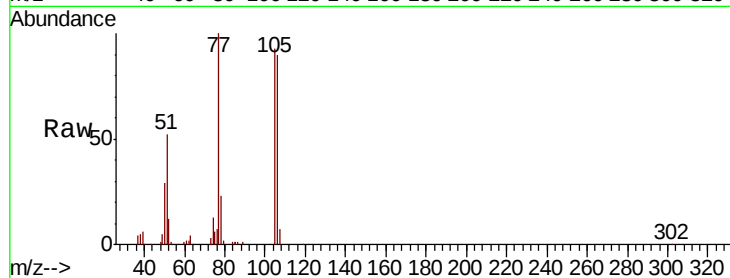
Tot Ion: 77 Resp: 83313

Ion Ratio Lower Upper

77 100

105 92.9 68.6 108.6

106 89.7 69.9 109.9



#10

Phenol

Concen: 45.269 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

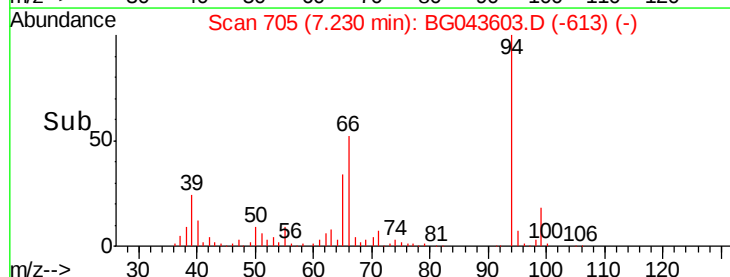
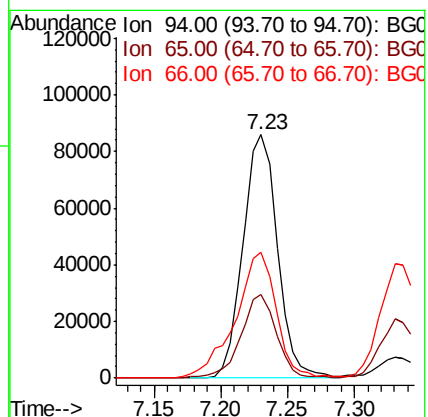
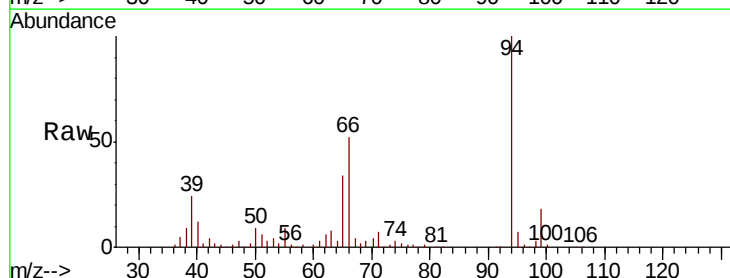
Tgt Ion: 94 Resp: 153214

Ion Ratio Lower Upper

94 100

65 34.2 12.6 52.6

66 51.9 30.7 70.7





#11

bis(2-Chloroethyl)ether

Concen: 41.419 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.01 min

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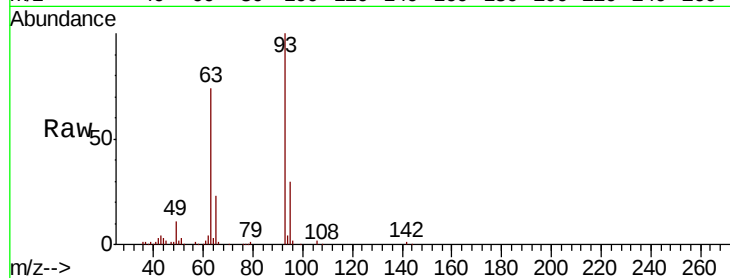
Tot Ion: 93 Resp: 108382

Ion Ratio Lower Upper

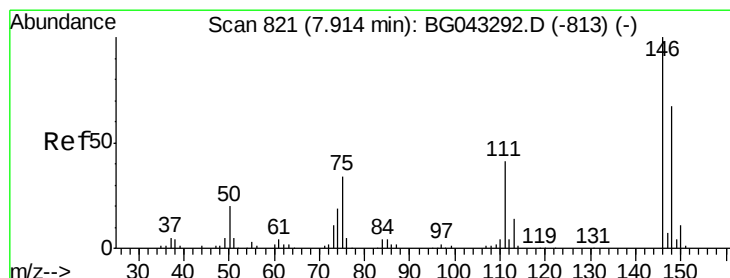
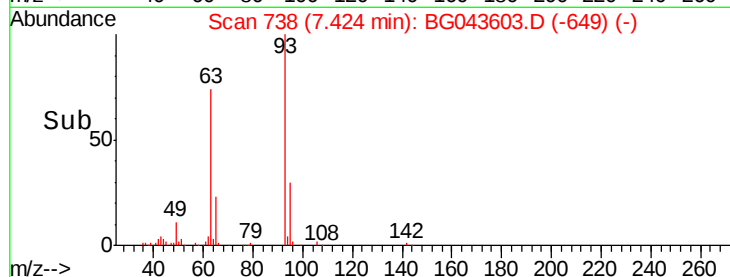
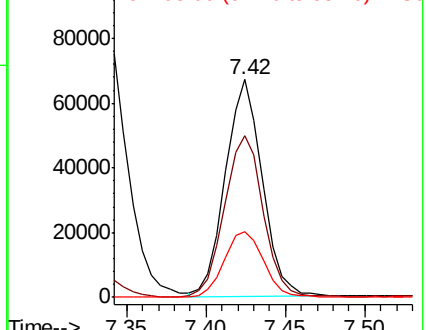
93 100

63 74.1 56.3 96.3

95 30.4 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.759 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

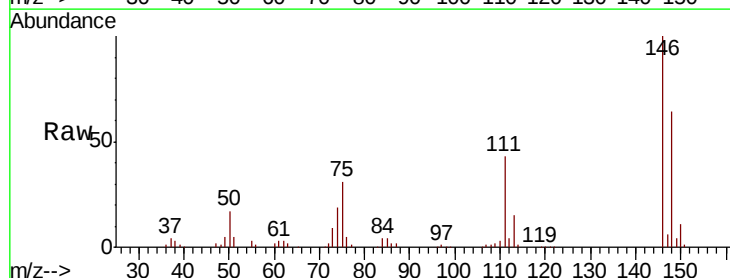
Tgt Ion: 146 Resp: 145121

Ion Ratio Lower Upper

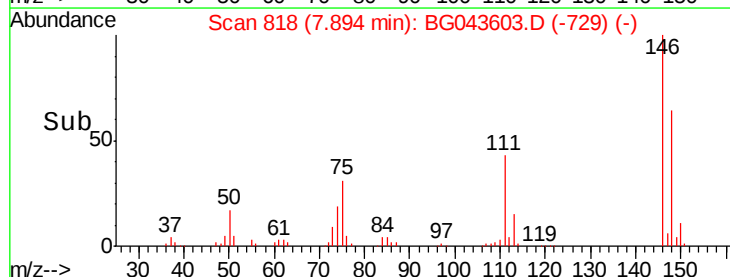
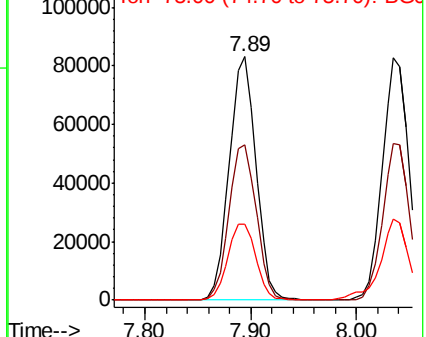
146 100

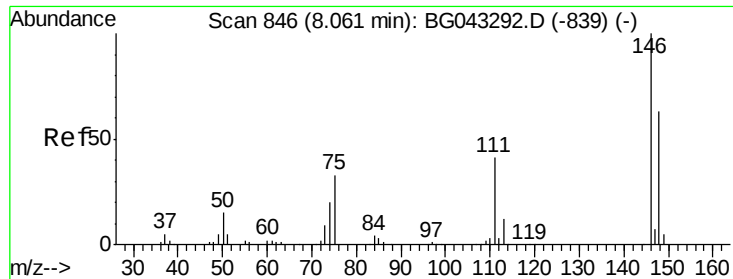
148 64.0 50.3 75.5

75 31.4 24.6 37.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

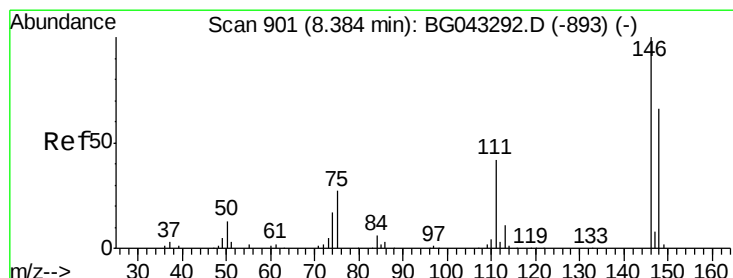
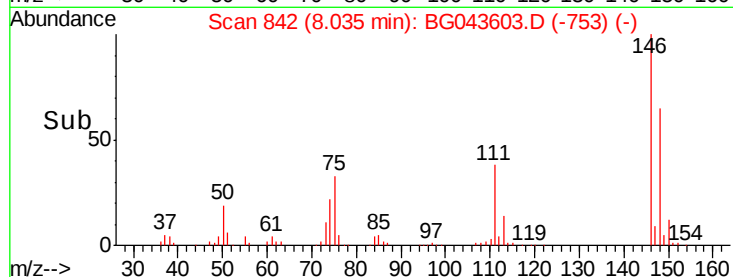
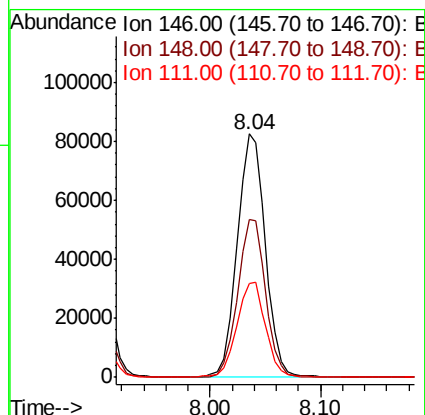
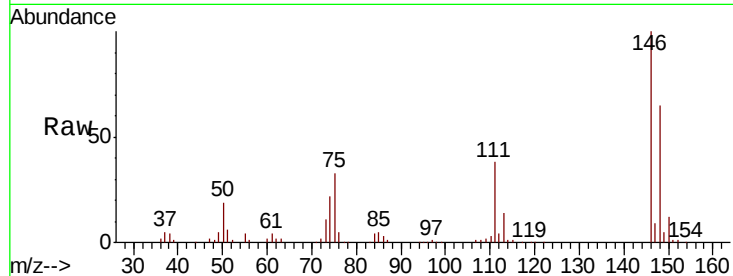




#13
 1,4-Dichlorobenzene
 Concen: 40.971 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

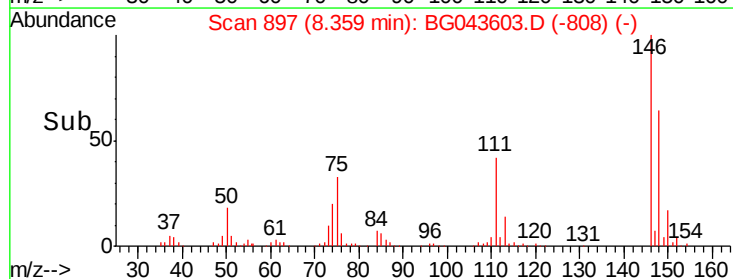
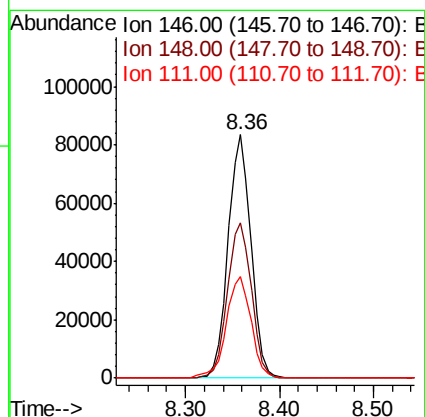
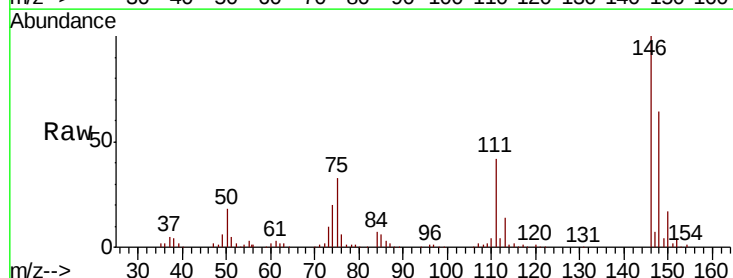
Instrument :
 BNA_G
 ClientSampled :

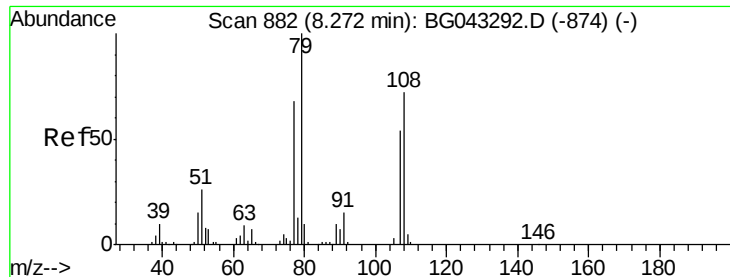
Tot Ion:146 Resp: 147592
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.7 76.1
 111 38.3 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 40.025 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Tgt Ion:146 Resp: 140779
 Ion Ratio Lower Upper
 146 100
 148 64.0 53.2 79.8
 111 41.9 35.8 53.6





#15

Benzyl Alcohol

Concen: 47.203 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

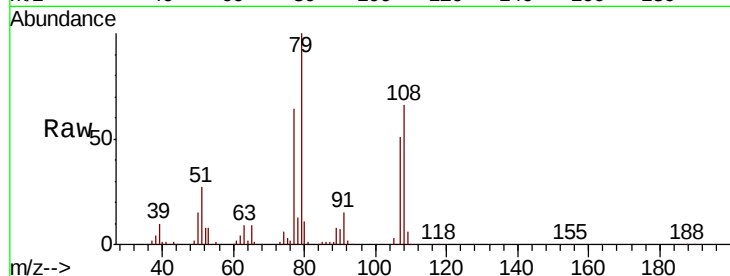
Tot Ion: 79 Resp: 122785

Ion Ratio Lower Upper

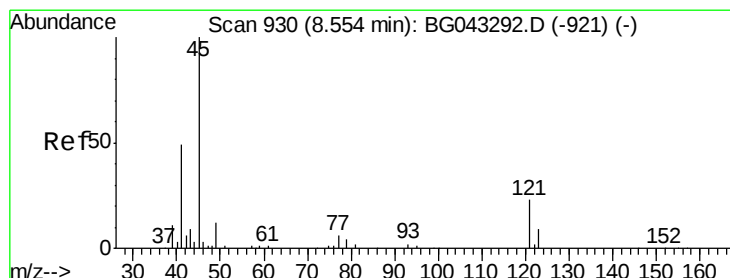
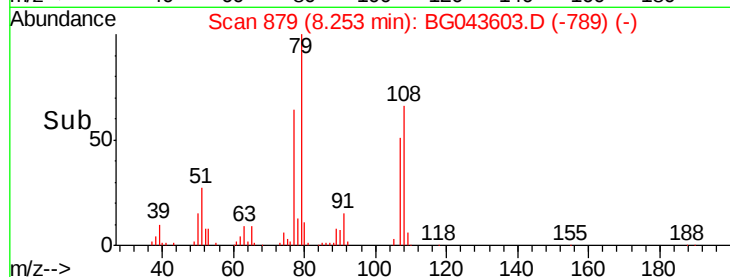
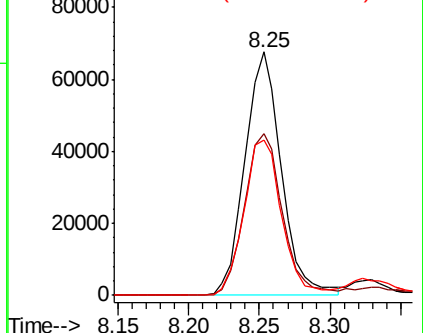
79 100

108 66.4 53.6 80.4

77 63.8 49.6 74.4



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: 41.536 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

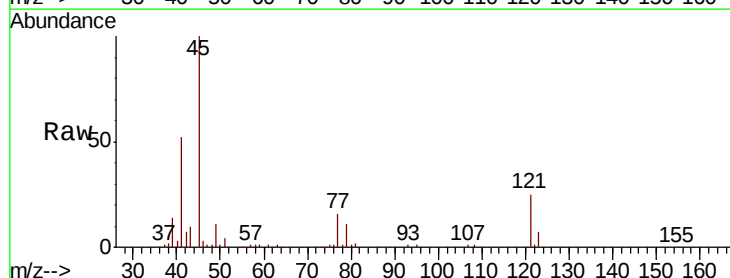
Tgt Ion: 45 Resp: 158041

Ion Ratio Lower Upper

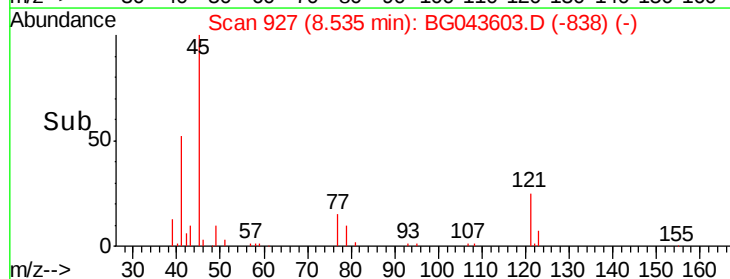
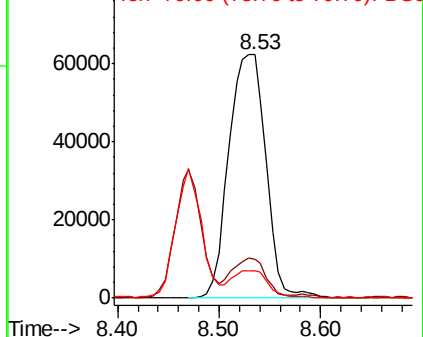
45 100

77 16.0 0.0 34.9

79 11.2 0.0 33.0



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: 44.728 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 110358

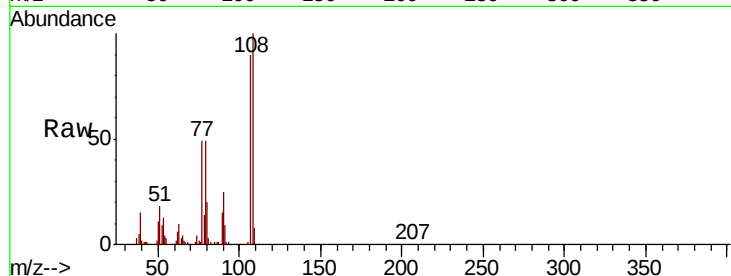
Ion Ratio Lower Upper

107 100

108 110.6 90.2 135.4

77 53.6 40.2 60.2

79 53.9 44.0 66.0

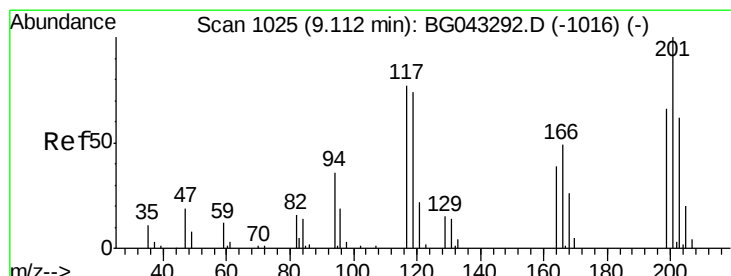
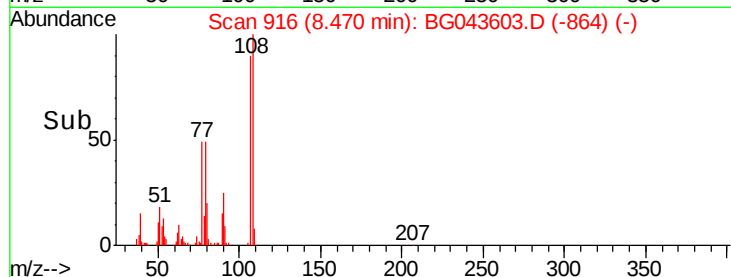
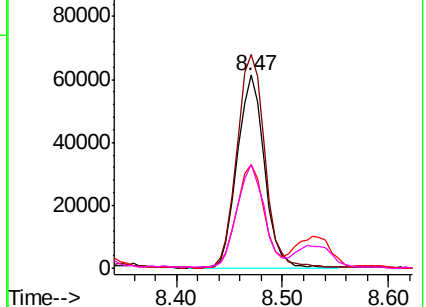


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.677 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

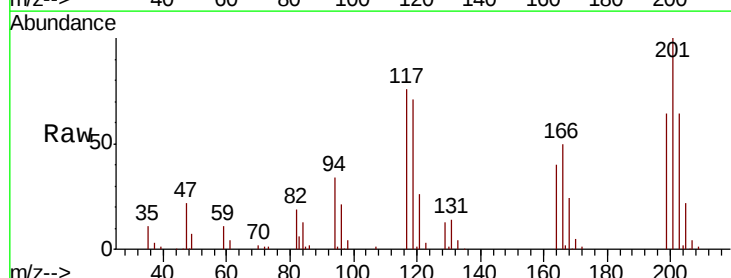
Tgt Ion:117 Resp: 52867

Ion Ratio Lower Upper

117 100

119 93.9 79.0 118.4

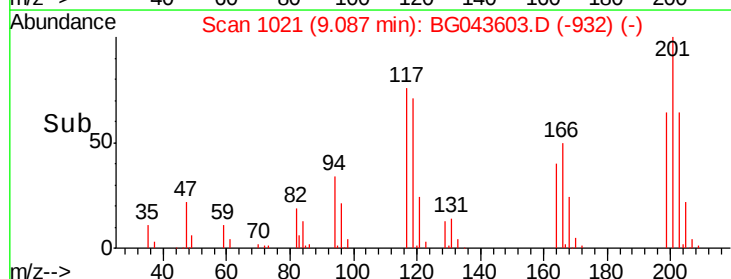
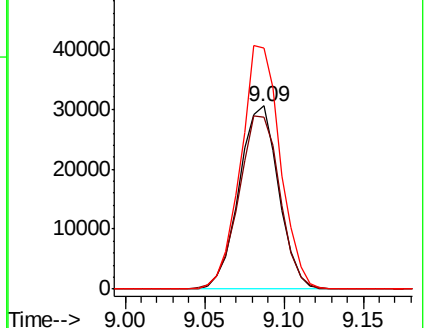
201 131.9 105.4 158.2

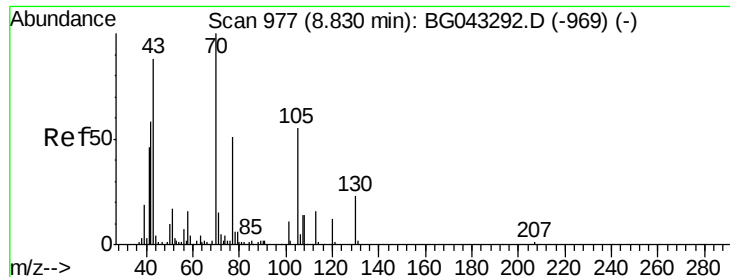


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

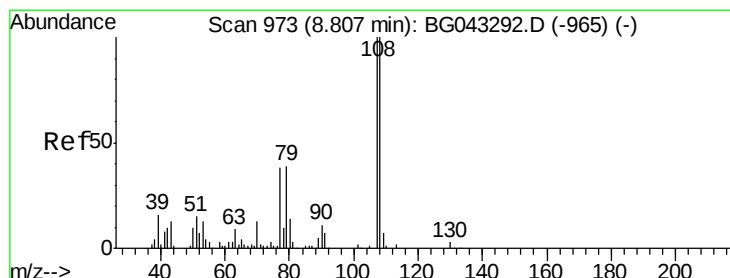
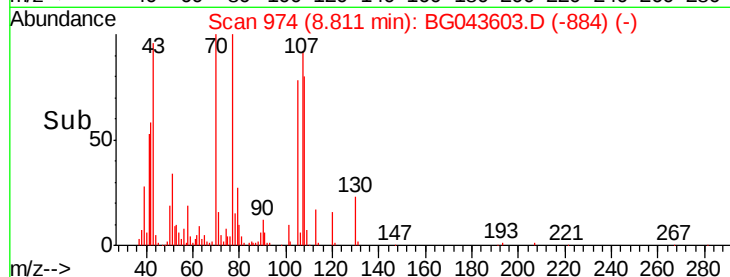
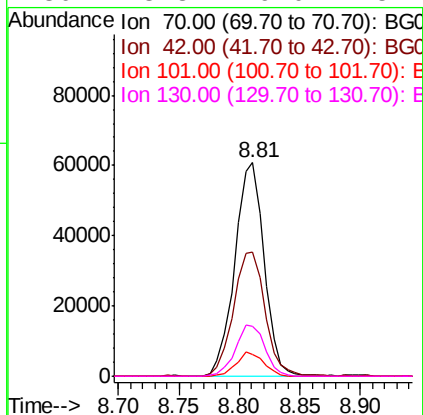
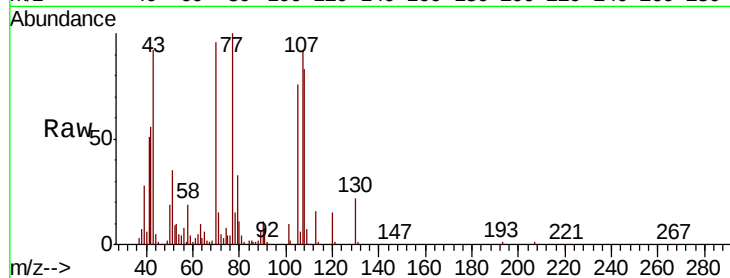




#19
n-Nitroso-di-n-propylamine
Concen: 43.287 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

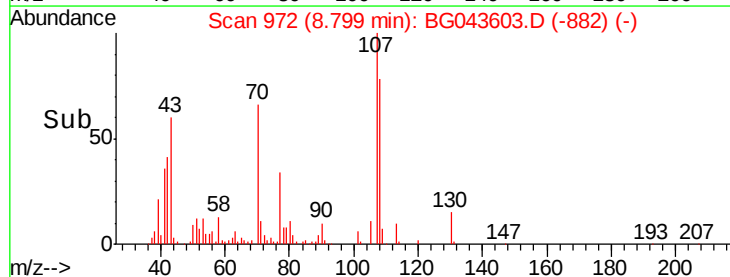
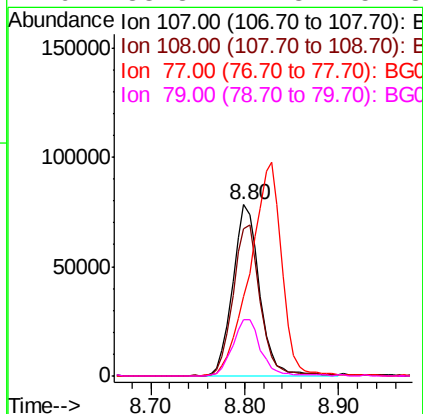
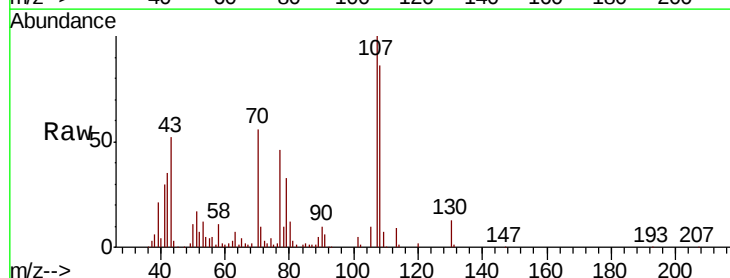
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	103601
Ion	Ratio	Lower	Upper
70	100		
42	58.3	41.4	62.2
101	10.3	7.9	11.9
130	23.3	19.0	28.4



#20
3+4-Methylphenols
Concen: 45.909 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion:	107	Resp:	155326
Ion	Ratio	Lower	Upper
107	100		
108	85.8	66.6	106.6
77	46.3	20.9	60.9
79	33.3	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 203802

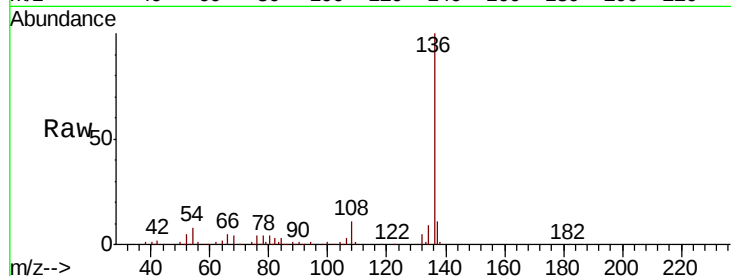
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.2 5.4 8.2

68 3.9 3.0 4.4

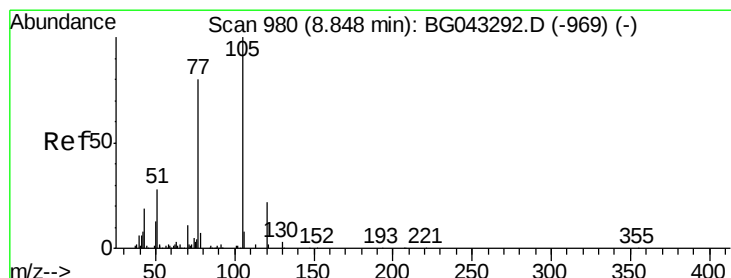
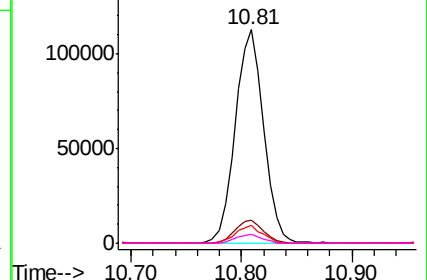
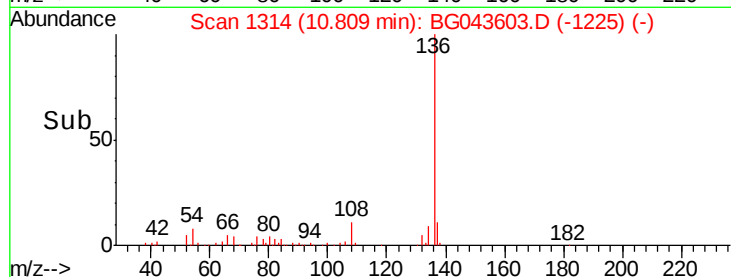


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.686 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Tgt Ion:105 Resp: 212345

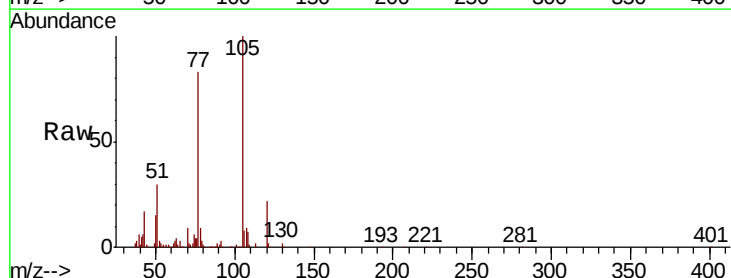
Ion Ratio Lower Upper

105 100

71 1.5 0.8 1.2#

51 29.9 21.0 31.4

120 22.2 18.0 27.0

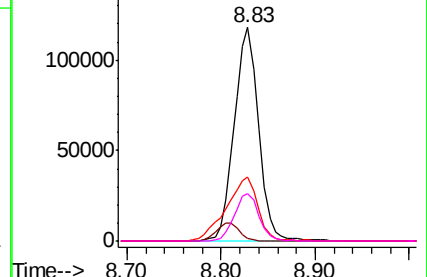
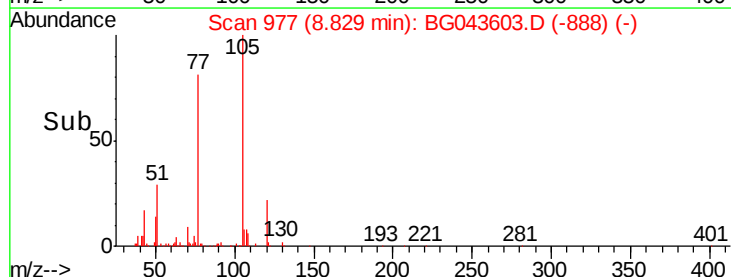


Abundance Ion 105.00 (104.70 to 105.70): E

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

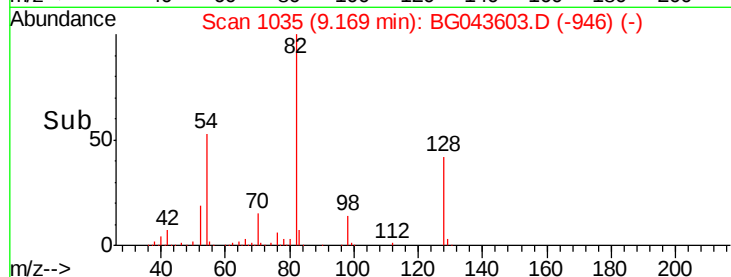
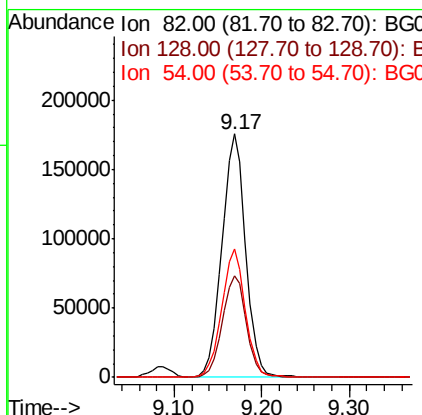
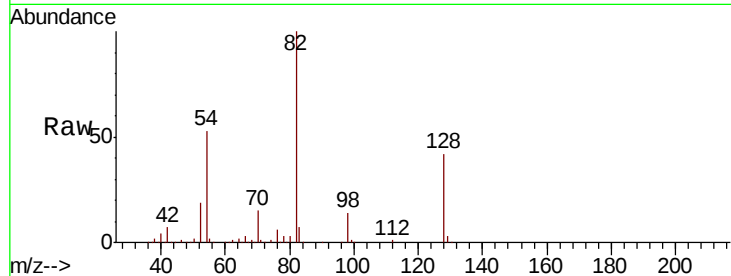




#23
 Nitrobenzene-d5
 Concen: 82.663 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

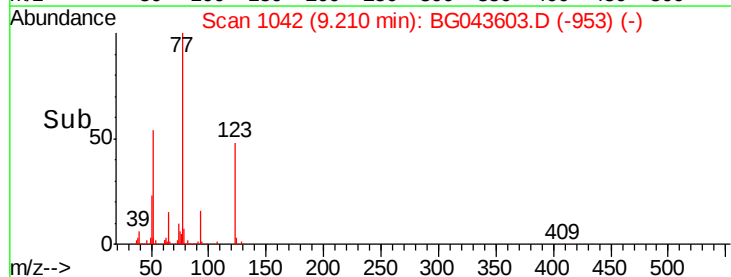
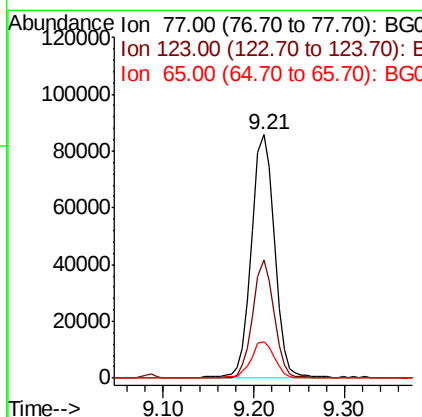
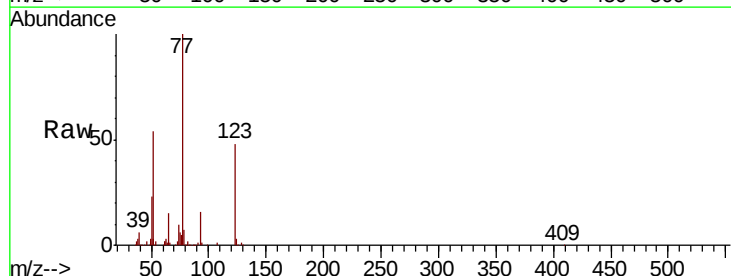
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	326779
Ion Ratio	Lower	Upper	
82	100		
128	41.5	35.0	52.6
54	52.6	40.2	60.2



#24
 Nitrobenzene
 Concen: 40.595 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Tgt Ion	77	Resp	152873
Ion Ratio	Lower	Upper	
77	100		
123	48.3	35.0	52.6
65	15.1	9.5	14.3#

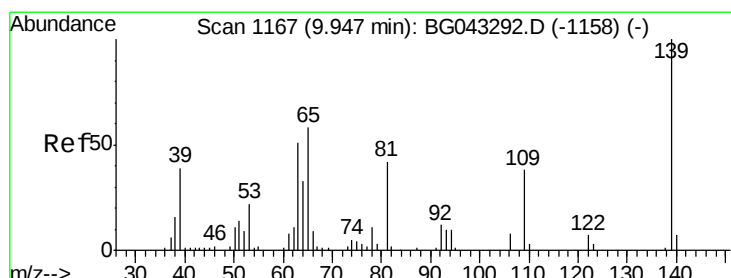
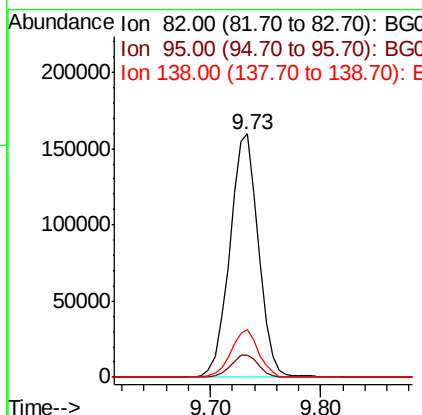
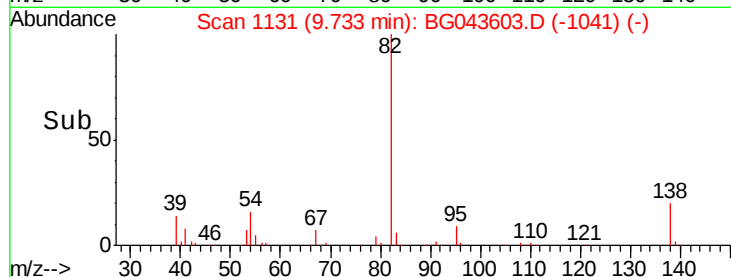
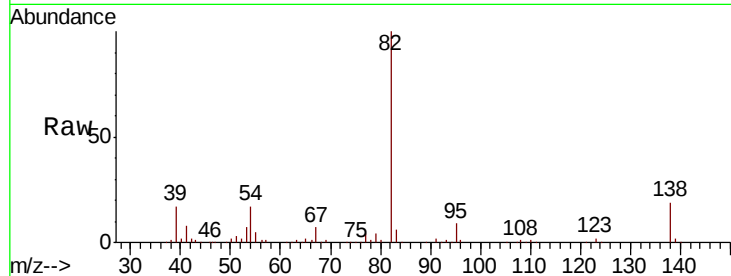




#25
Isophorone
Concen: 40.197 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

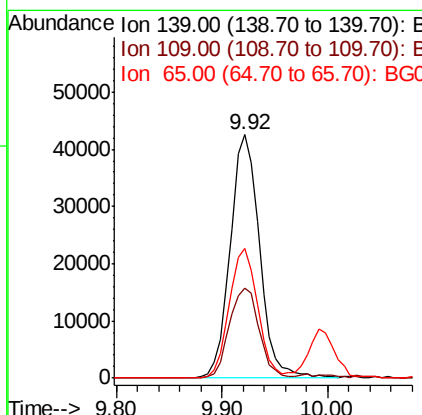
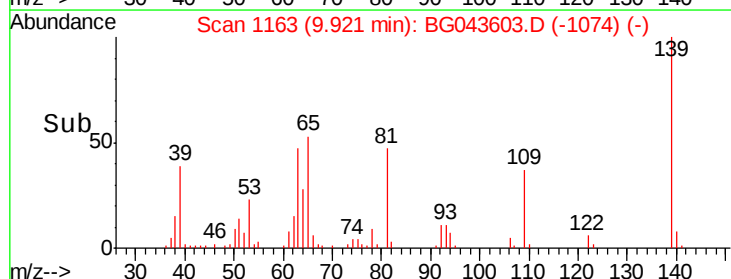
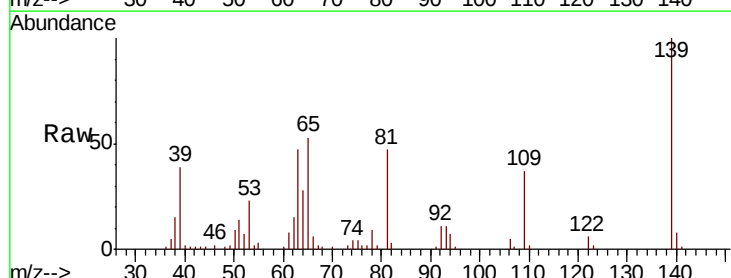
Instrument :
BNA_G
ClientSampleId :

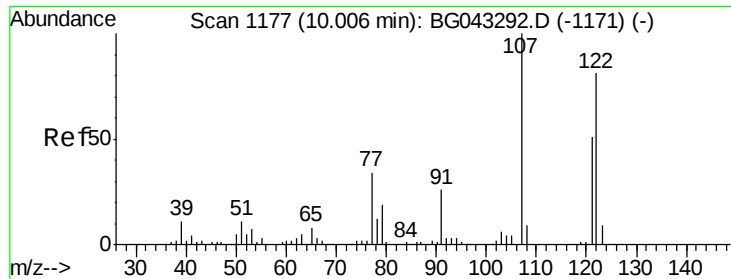
Tot Ion: 82 Resp: 290520
Ion Ratio Lower Upper
82 100
95 8.9 6.6 9.8
138 19.4 15.2 22.8



#26
2-Nitrophenol
Concen: 44.803 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion: 139 Resp: 81455
Ion Ratio Lower Upper
139 100
109 37.1 26.5 39.7
65 53.3 43.8 65.8

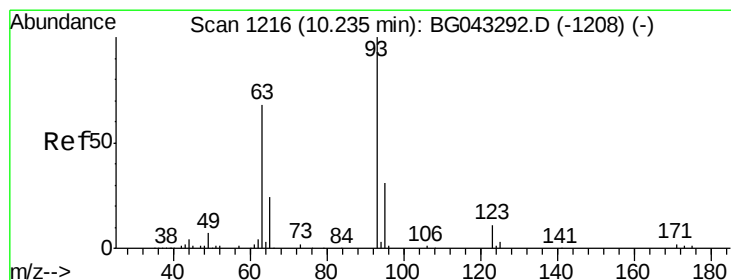
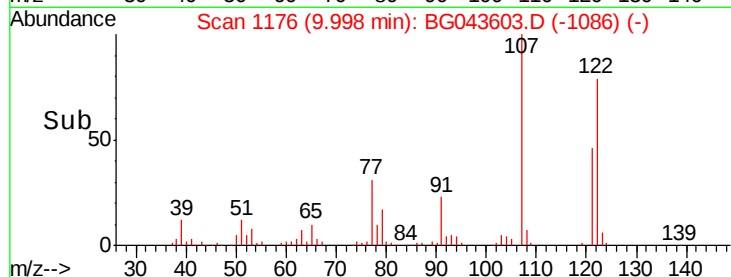
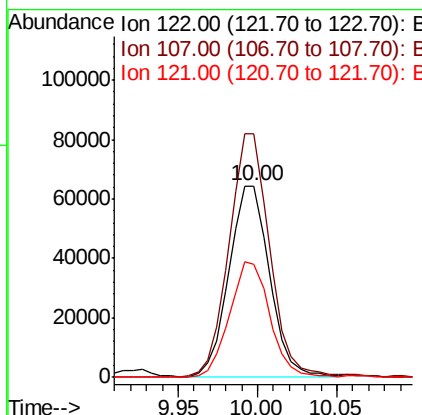
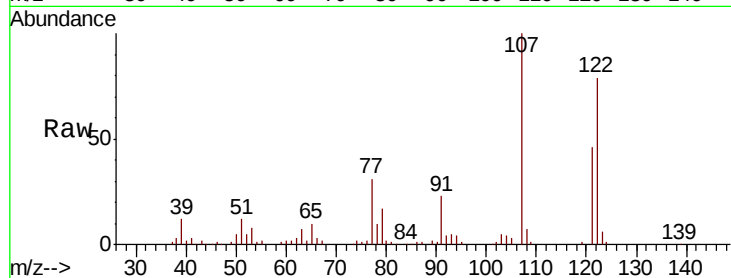




#27
 2,4-Dimethylphenol
 Concen: 43.560 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

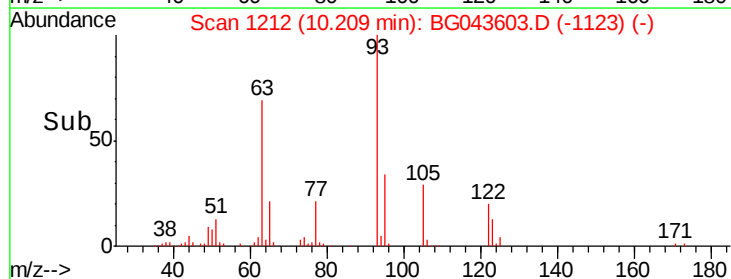
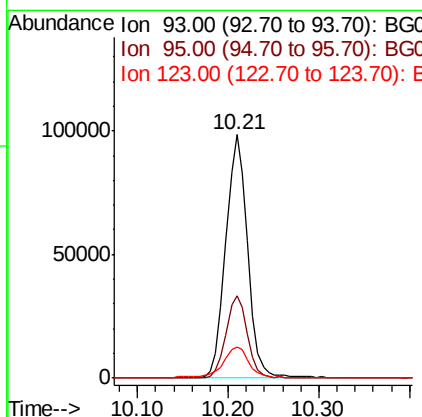
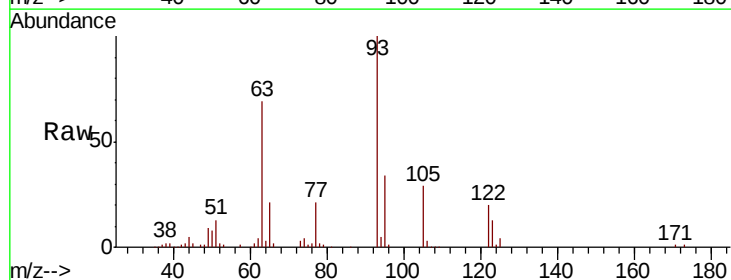
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 113508
 Ion Ratio Lower Upper
 122 100
 107 126.8 104.4 156.6
 121 58.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.275 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Tgt Ion: 93 Resp: 164645
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.0 39.0
 123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 44.078 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampled :

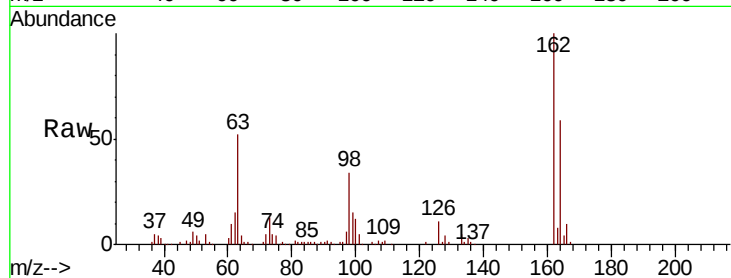
Tot Ion:162 Resp: 147163

Ion Ratio Lower Upper

162 100

164 59.2 48.9 88.9

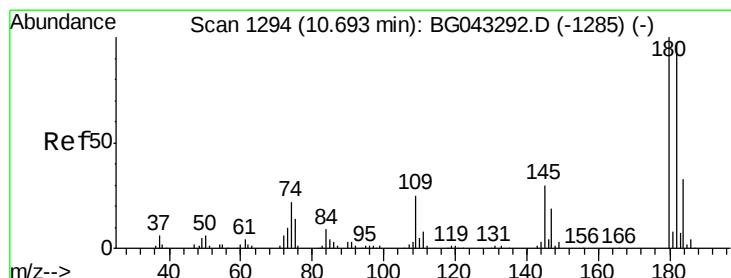
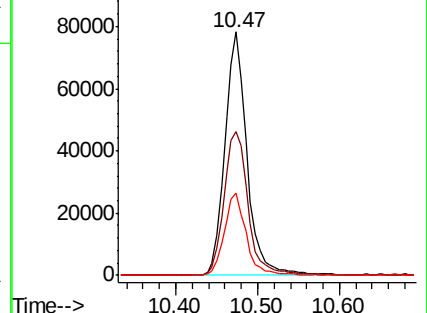
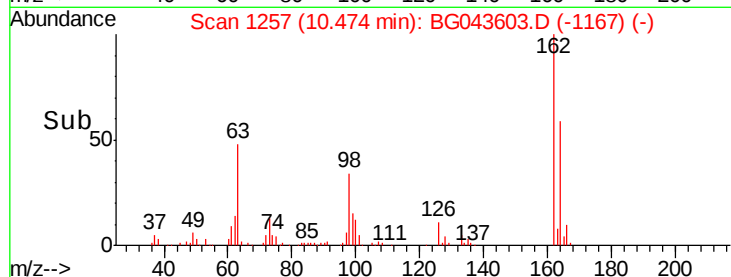
98 34.0 15.1 55.1



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.158 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

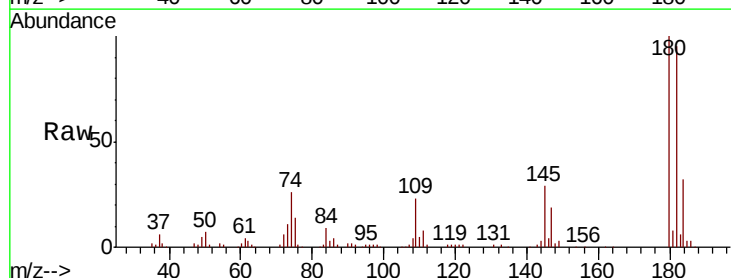
Tgt Ion:180 Resp: 168983

Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

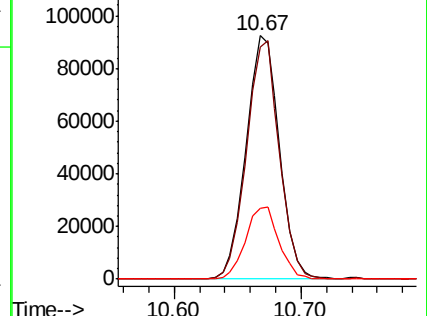
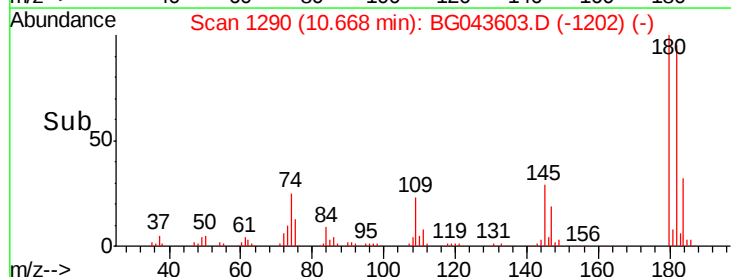
145 28.9 23.9 35.9



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

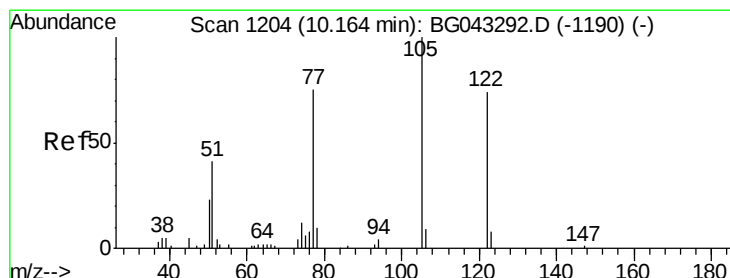
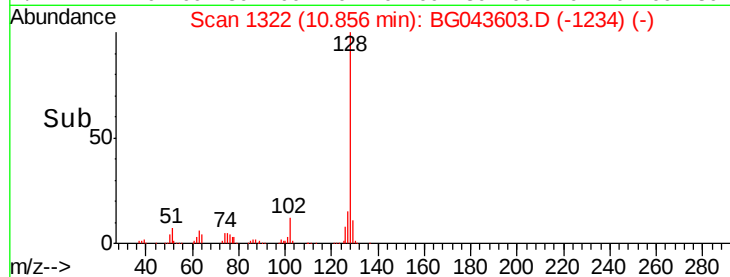
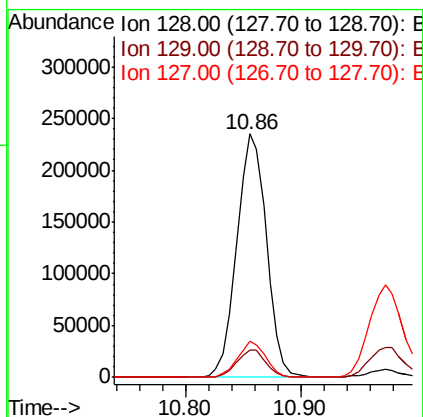
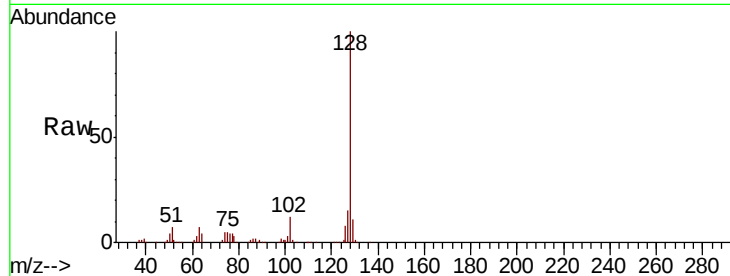




#31
Naphthalene
Concen: 40.504 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

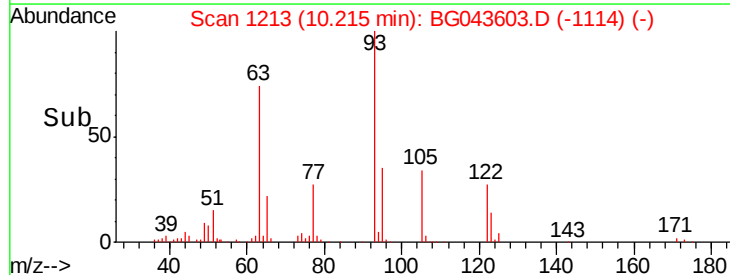
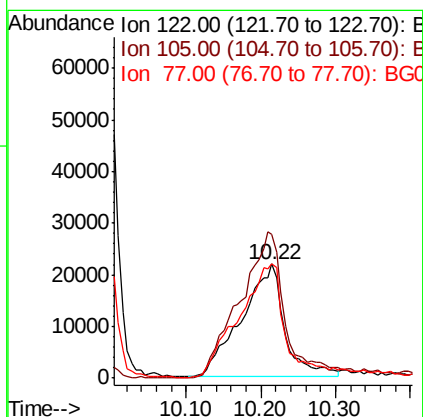
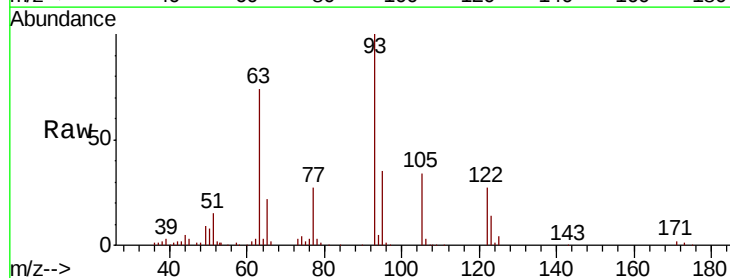
Instrument :
BNA_G
ClientSampleId :

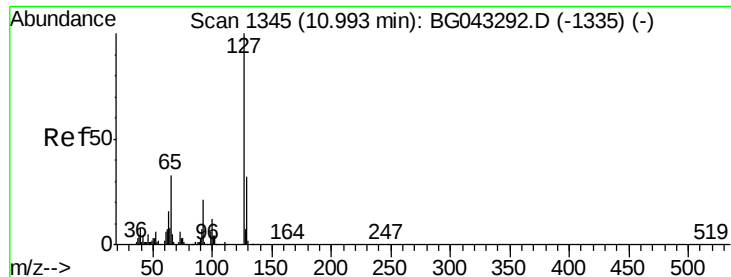
Tot Ion:128 Resp: 419014
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 14.7 11.1 16.7



#32
Benzoic acid
Concen: 44.973 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.05 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion:122 Resp: 88083
Ion Ratio Lower Upper
122 100
105 126.3 103.3 143.3
77 100.5 84.9 124.9

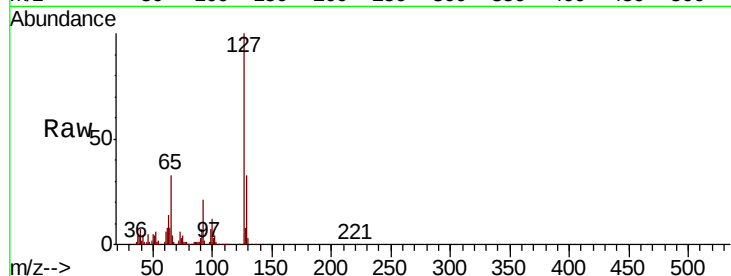




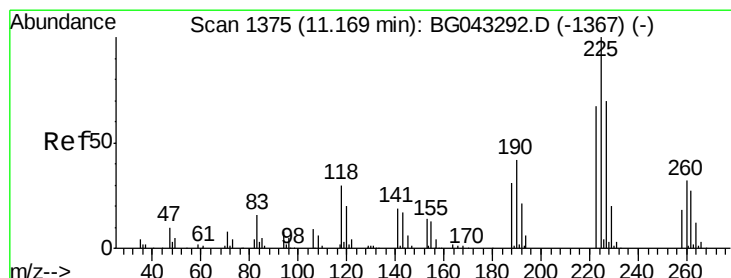
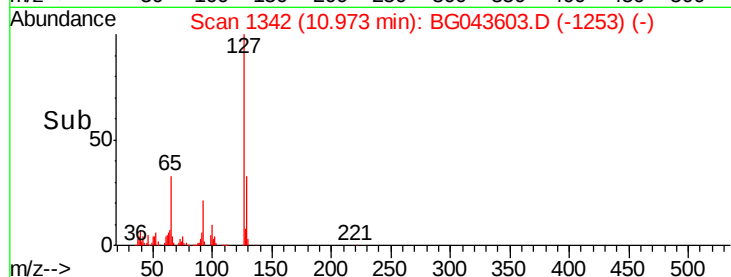
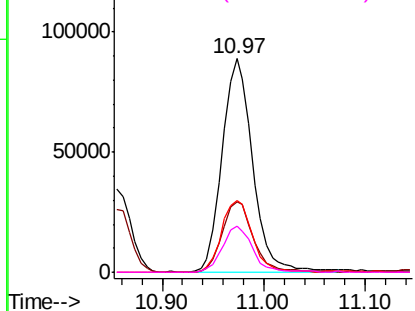
#33
4-Chloroaniline
Concen: 43.994 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	186556
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	33.4	26.4	39.6
92	21.4	16.2	24.2

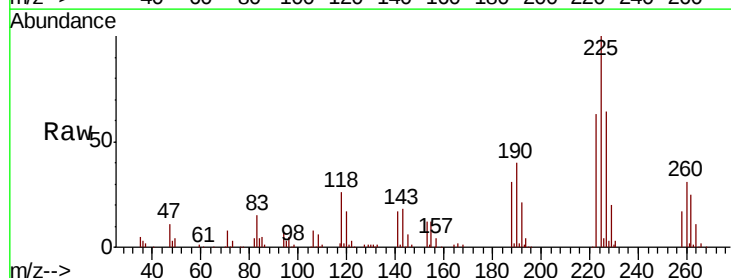


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

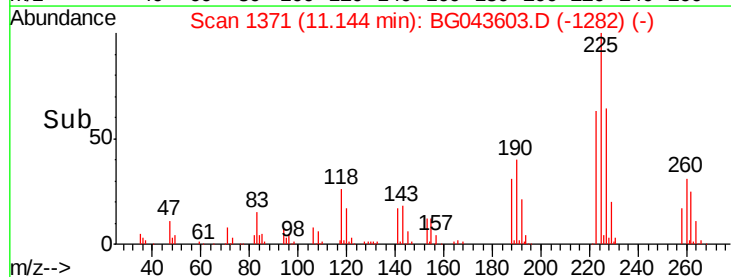
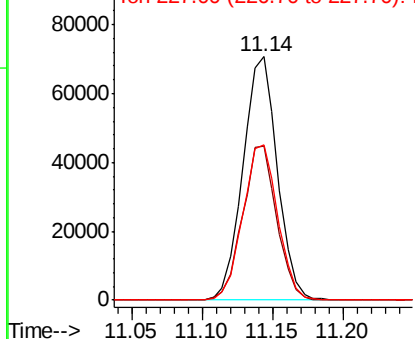


#34
Hexachlorobutadiene
Concen: 38.770 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion:	225	Resp:	120599
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.7	79.1
227	63.7	54.8	82.2



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

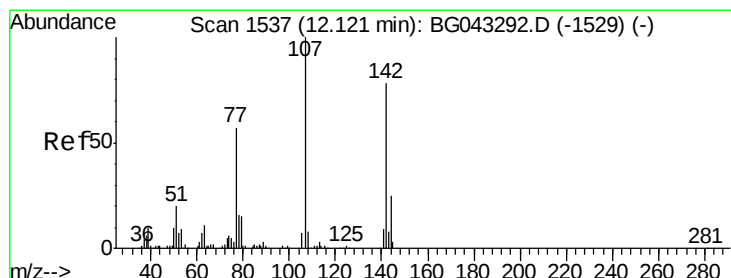
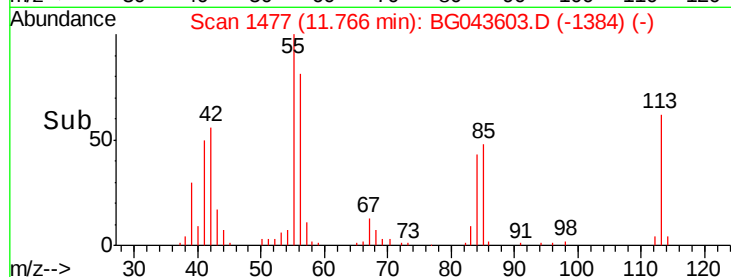
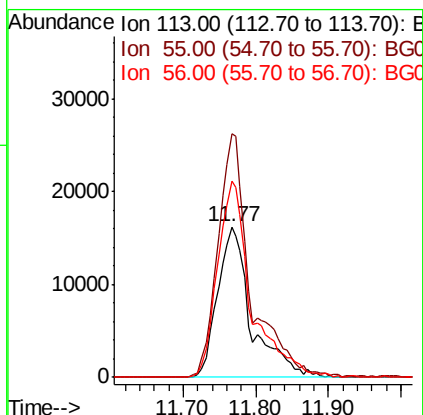
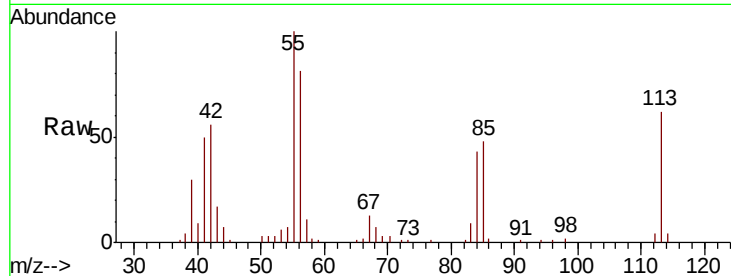




#35
 Caprolactam
 Concen: 45.503 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.02 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

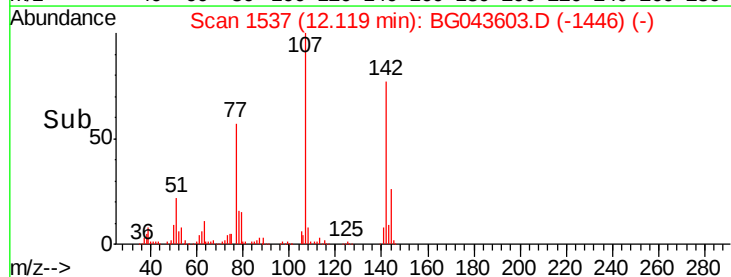
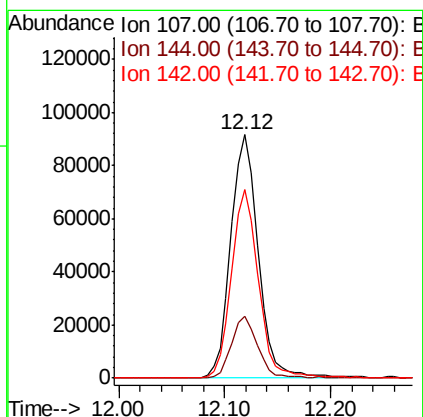
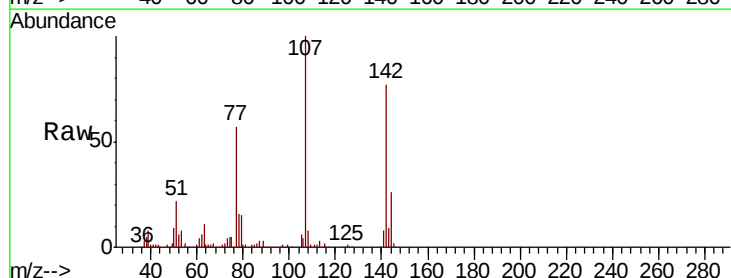
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 52323
 Ion Ratio Lower Upper
 113 100
 55 161.5 134.1 174.1
 56 130.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.143 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Tgt Ion:107 Resp: 164402
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.9 31.3
 142 77.4 59.6 89.4

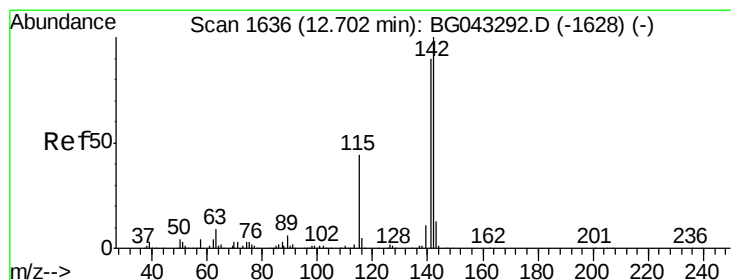
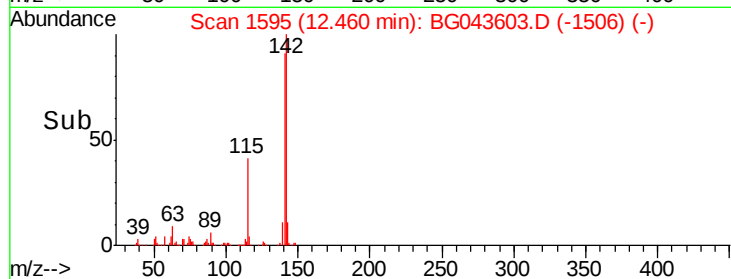
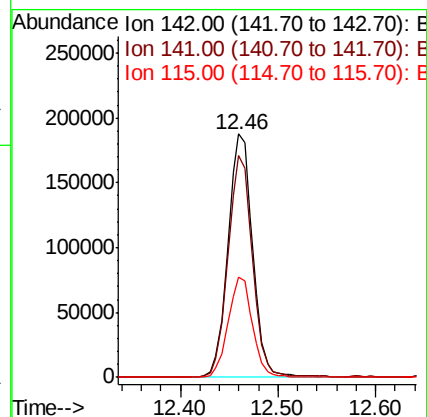
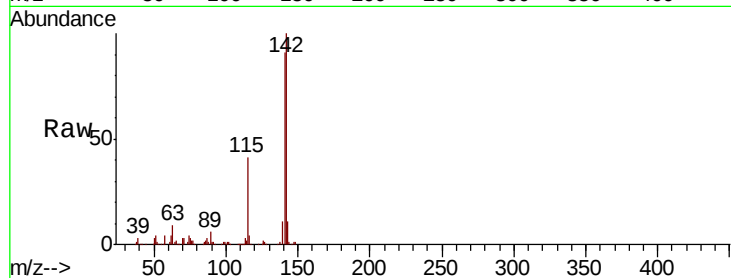




#37
2-Methylnaphthalene
Concen: 41.320 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

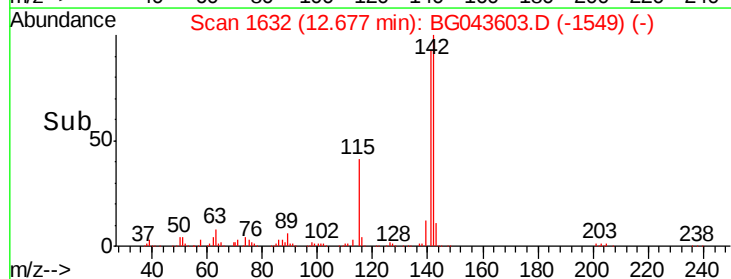
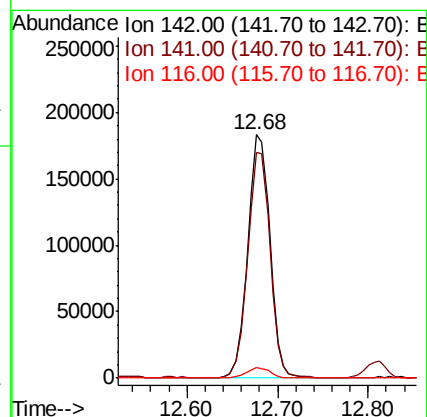
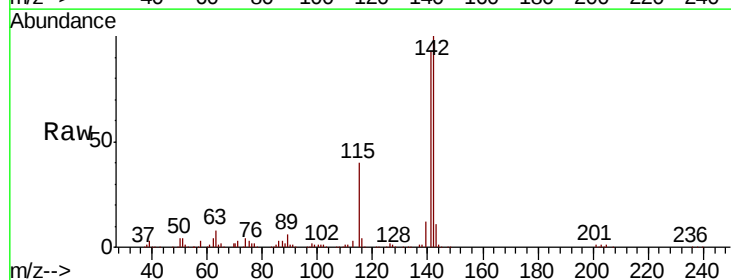
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.2	108.2
115	41.3	33.2	49.8



#38
1-Methylnaphthalene
Concen: 41.299 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.2	109.8
116	4.4	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampled :

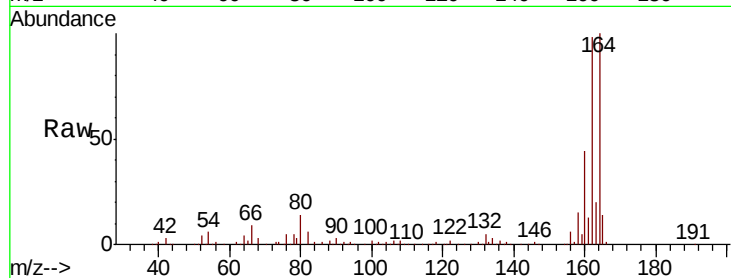
Tot Ion:164 Resp: 156303

Ion Ratio Lower Upper

164 100

162 98.0 83.5 125.3

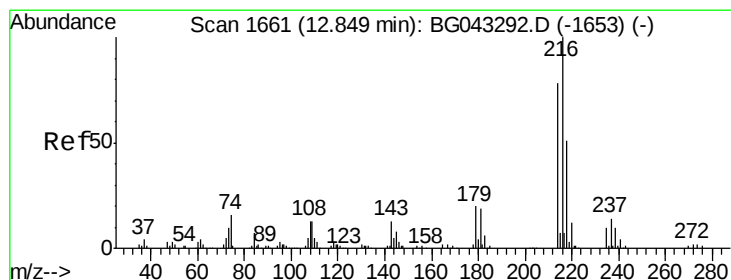
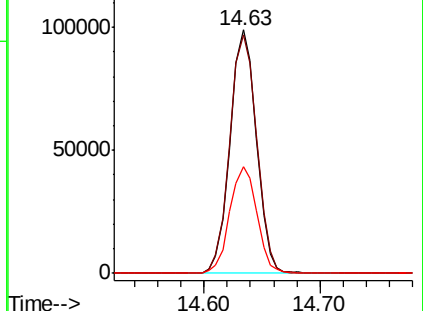
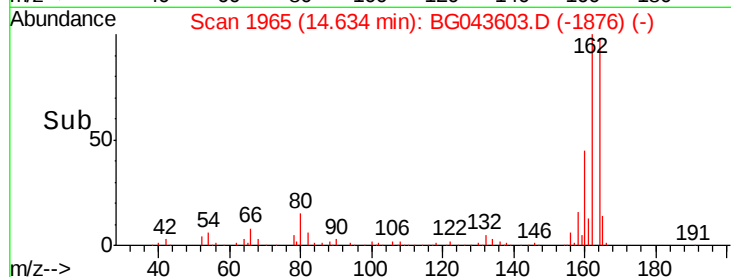
160 44.0 36.5 54.7



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: 39.117 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Tgt Ion:216 Resp: 226276

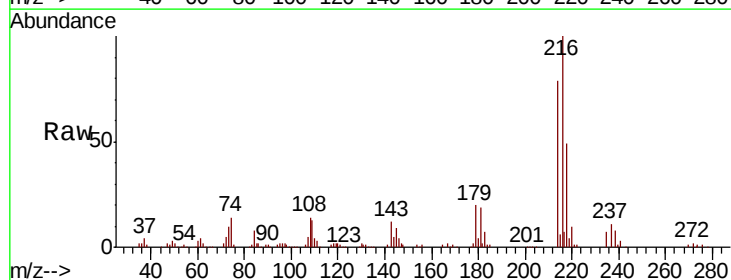
Ion Ratio Lower Upper

216 100

214 78.8 61.7 92.5

179 19.7 15.8 23.8

108 15.9 11.5 17.3

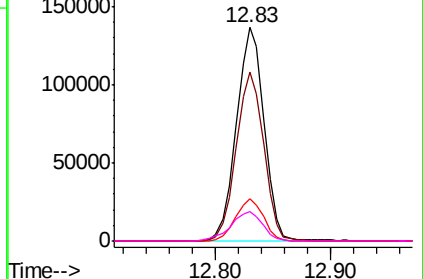
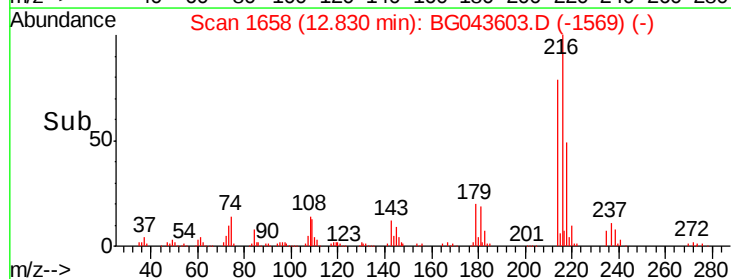


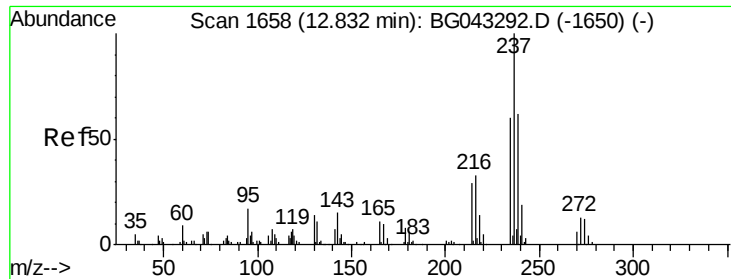
Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.677 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

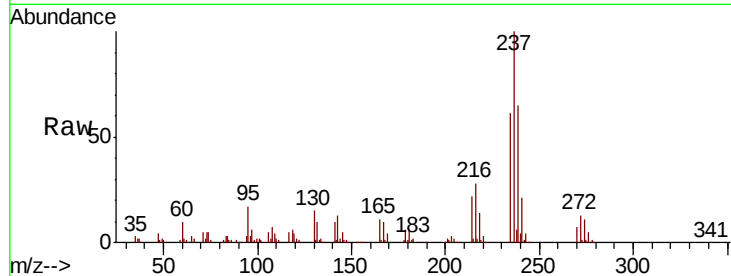
Tot Ion:237 Resp: 205648

Ion Ratio Lower Upper

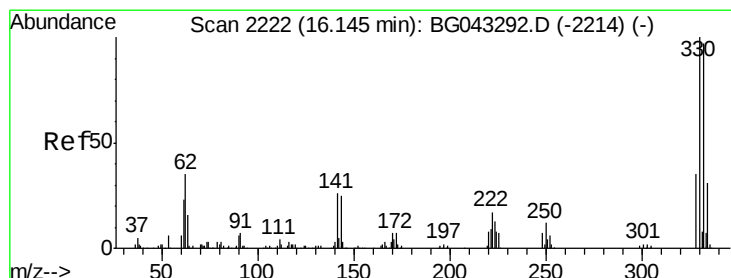
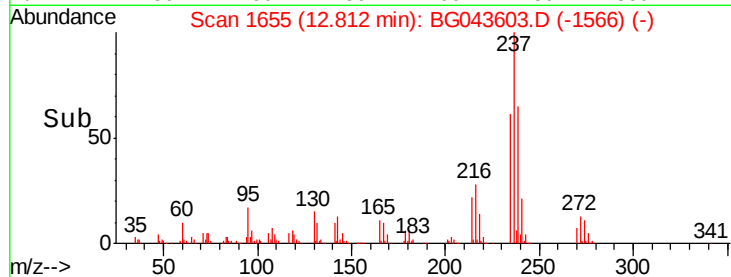
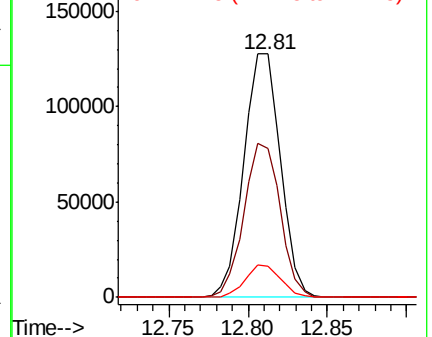
237 100

235 61.2 41.6 81.6

272 13.0 0.0 32.5



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: 82.115 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

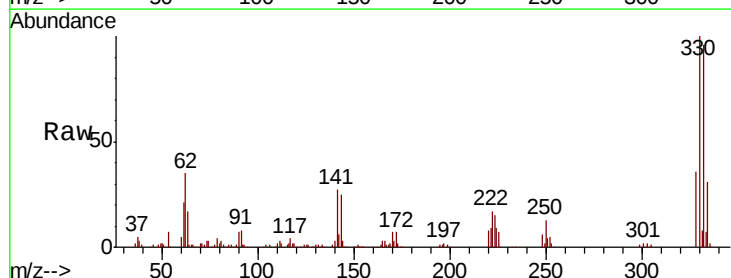
Tgt Ion:330 Resp: 244246

Ion Ratio Lower Upper

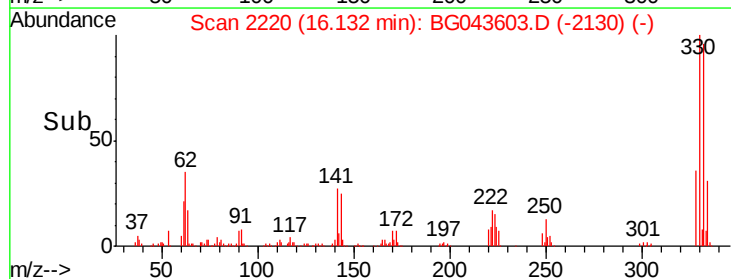
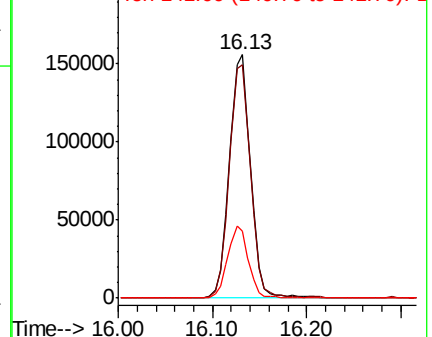
330 100

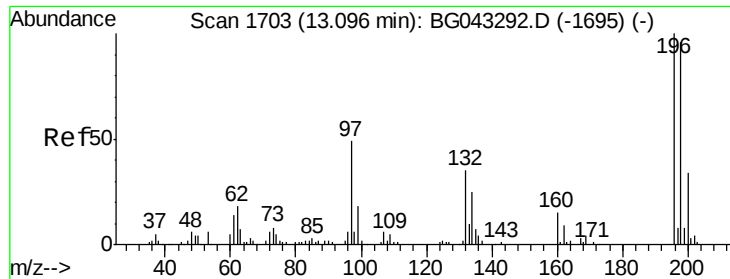
332 96.6 77.4 116.0

141 29.3 22.8 34.2



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

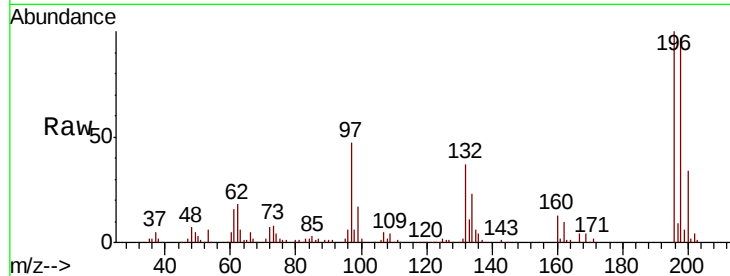




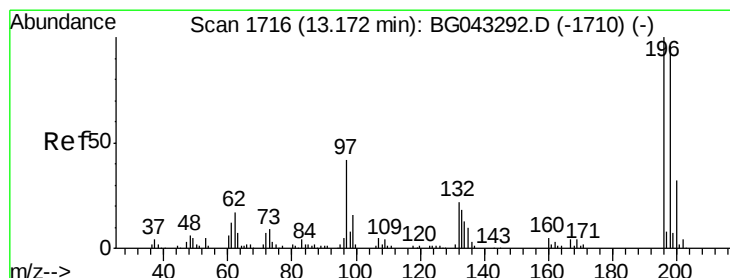
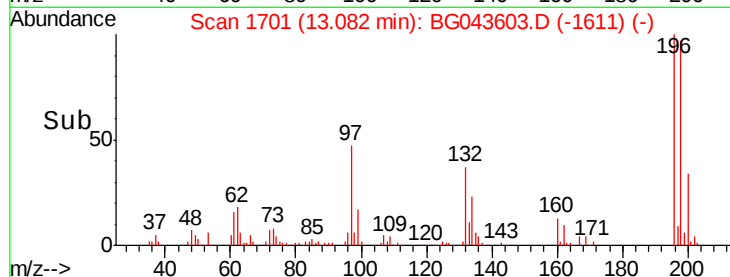
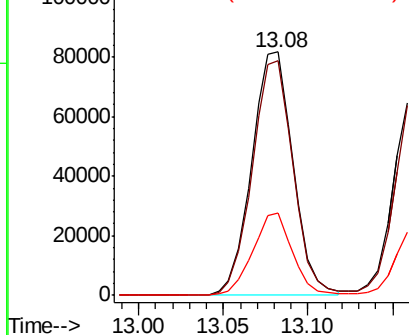
#43
 2,4,6-Trichlorophenol
 Concen: 40.764 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 138864
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.8 113.6
 200 33.9 23.9 35.9

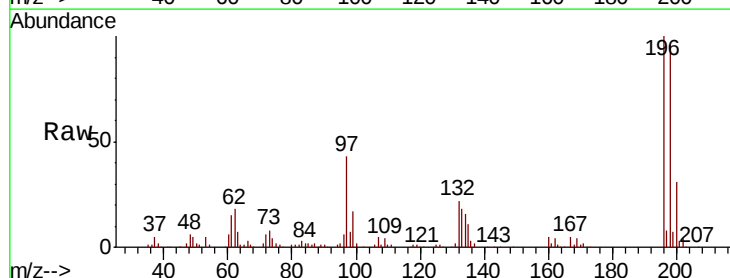


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

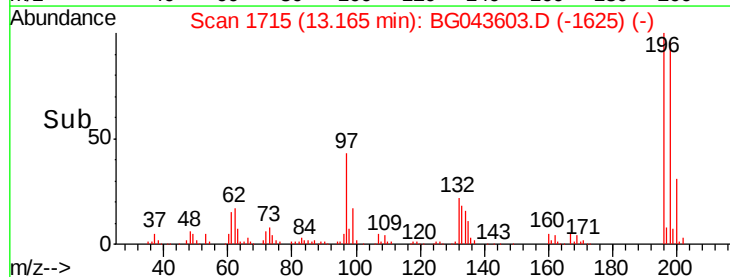
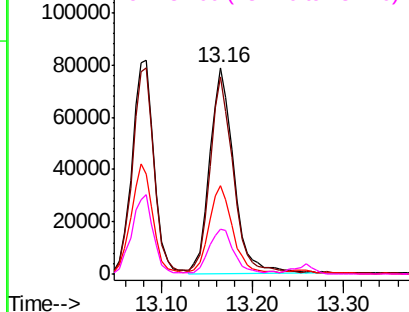


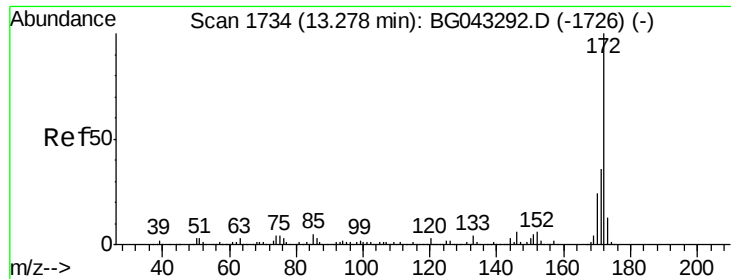
#44
 2,4,5-Trichlorophenol
 Concen: 42.233 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Tgt Ion:196 Resp: 145449
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.5 111.7
 97 42.8 36.3 54.5
 132 21.7 17.4 26.2



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

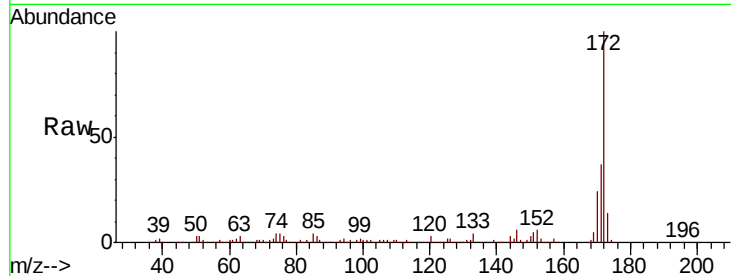




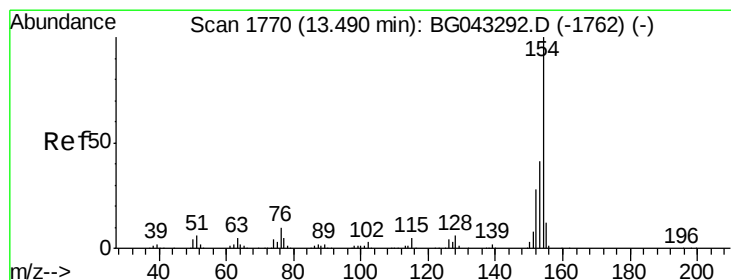
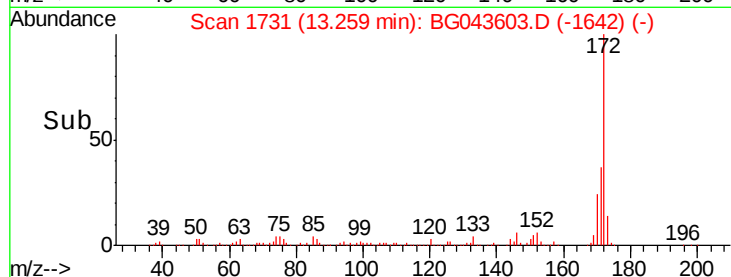
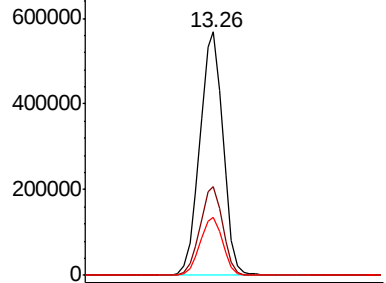
#45
 2-Fluorobiphenyl
 Concen: 79.481 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.1	18.5	27.7

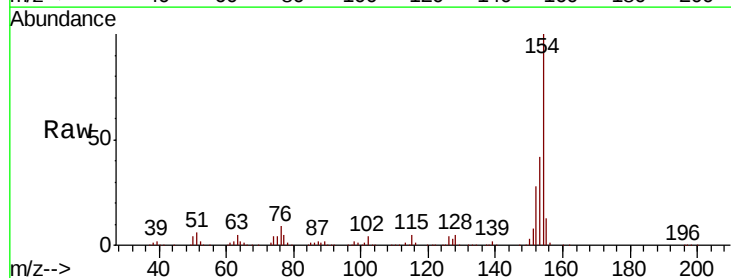


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

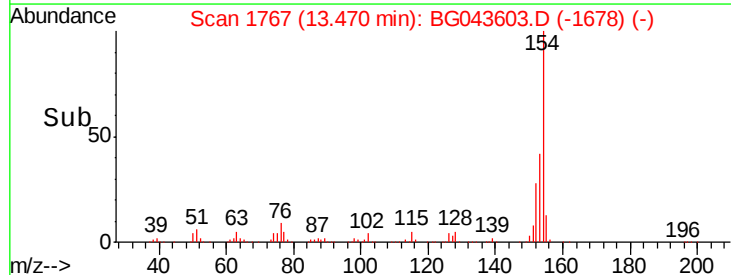
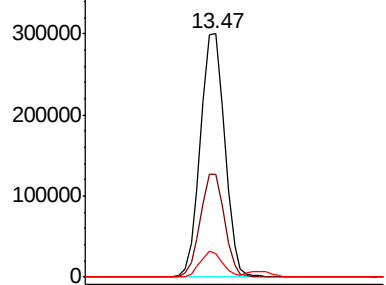


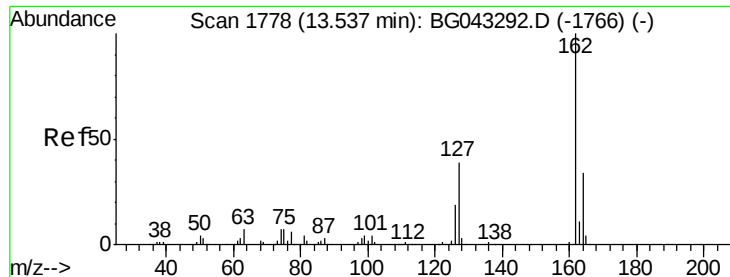
#46
 1,1'-Biphenyl
 Concen: 40.202 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.9	59.9
76	9.4	0.0	29.4



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





#47

2-Chloronaphthalene

Concen: 40.053 ng

RT: 13.51 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampled :

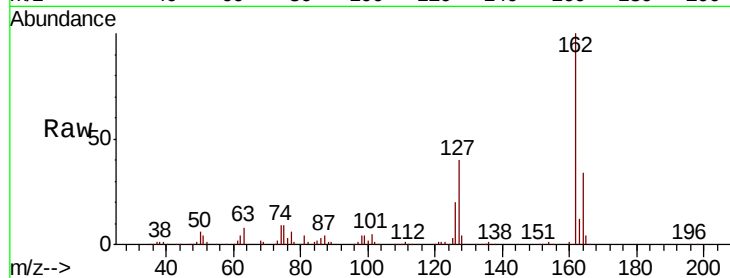
Tot Ion:162 Resp: 362373

Ion Ratio Lower Upper

162 100

127 39.7 31.2 46.8

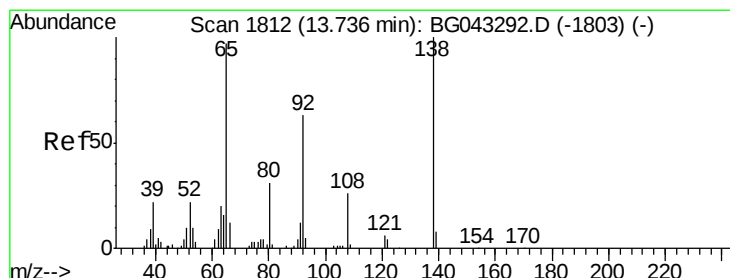
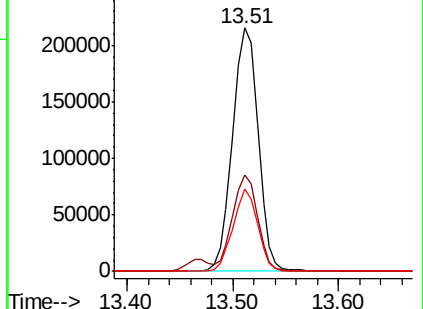
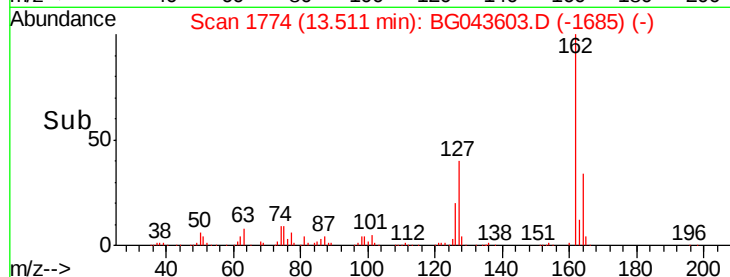
164 33.6 25.8 38.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.623 ng

RT: 13.72 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

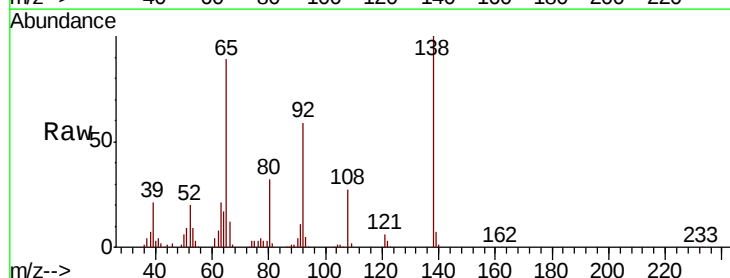
Tgt Ion: 65 Resp: 120663

Ion Ratio Lower Upper

65 100

92 67.1 56.2 84.2

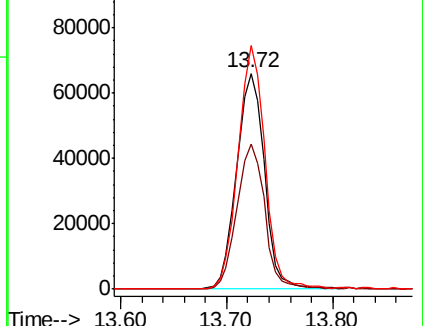
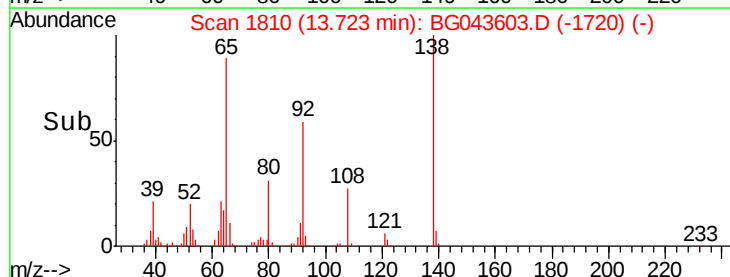
138 112.9 82.6 123.8

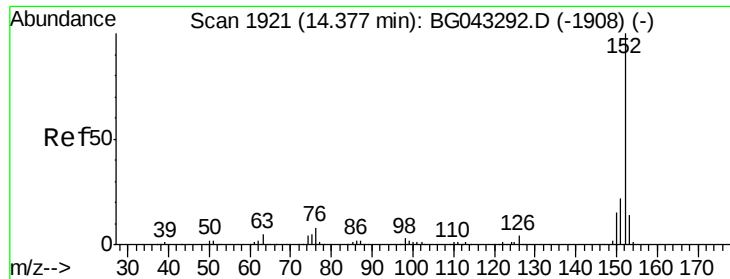


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.642 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

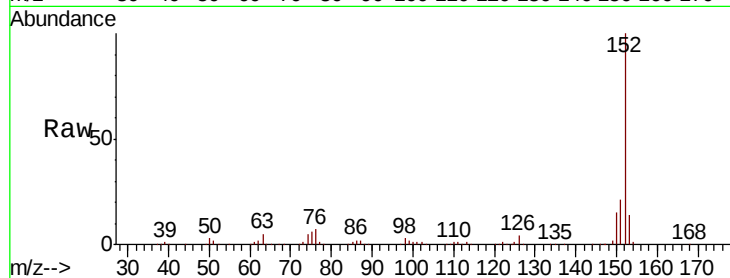
Tot Ion:152 Resp: 572267

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

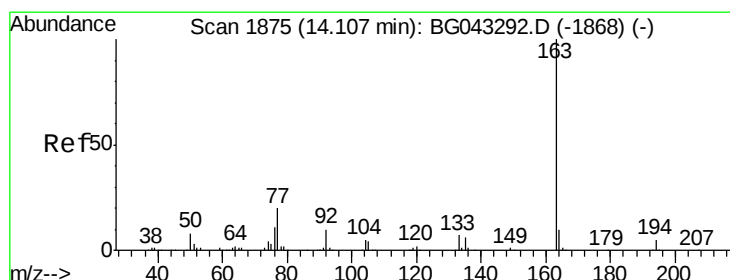
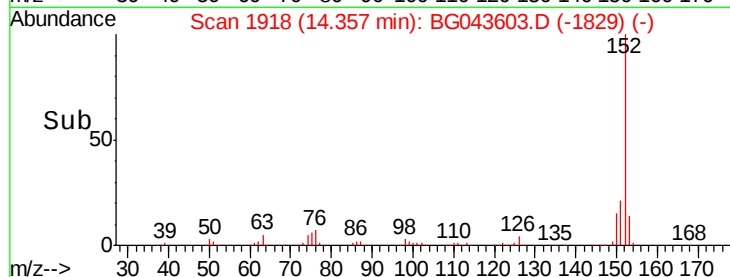
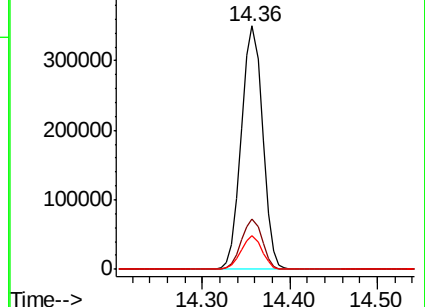
153 13.8 10.6 15.8



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: 40.611 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

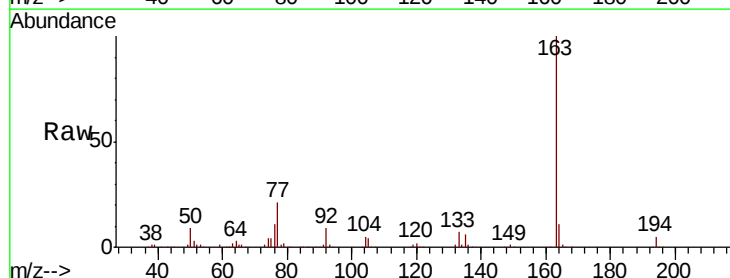
Tgt Ion:163 Resp: 491667

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

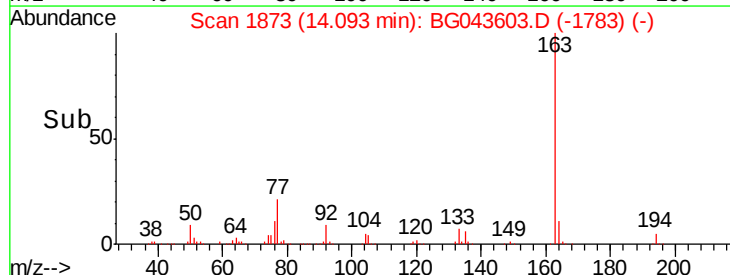
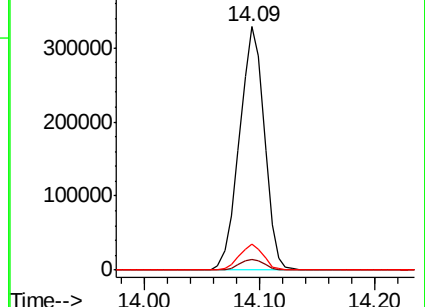
164 10.8 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.929 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampled :

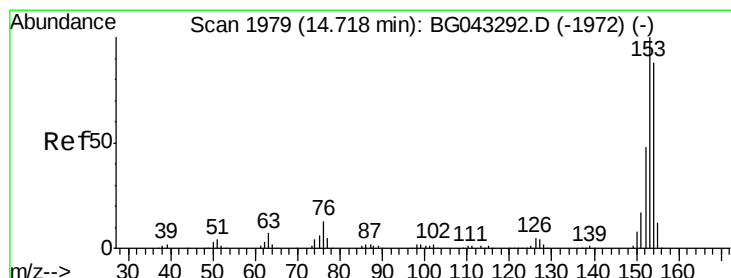
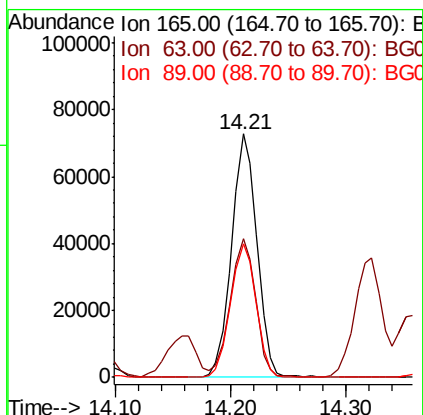
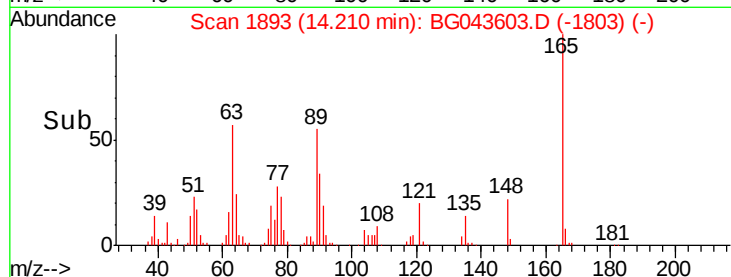
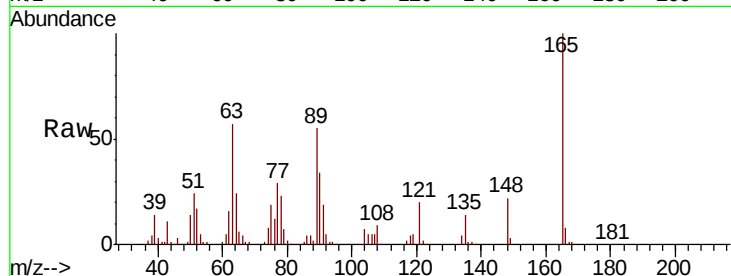
Tot Ion:165 Resp: 110279

Ion Ratio Lower Upper

165 100

63 56.8 46.6 69.8

89 54.8 45.1 67.7



#52

Acenaphthene

Concen: 40.573 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

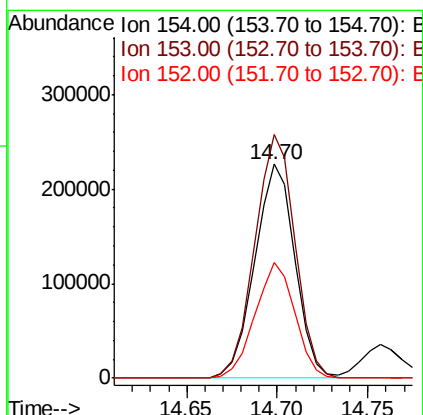
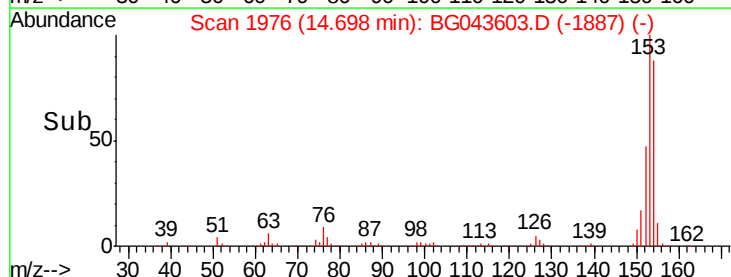
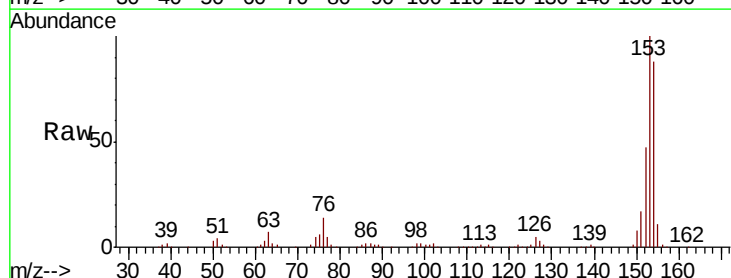
Tgt Ion:154 Resp: 348394

Ion Ratio Lower Upper

154 100

153 113.9 88.2 132.2

152 54.0 40.0 60.0





#53

3-Nitroaniline

Concen: 43.847 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampled :

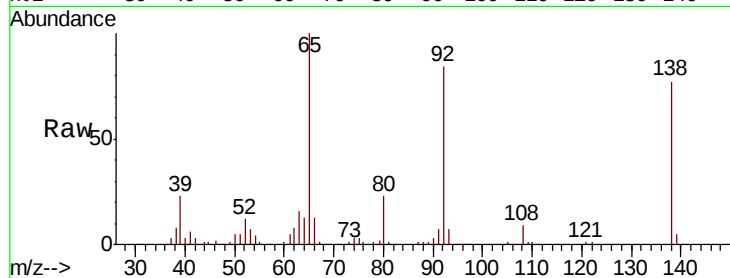
Tot Ion:138 Resp: 111345

Ion Ratio Lower Upper

138 100

108 12.2 8.0 12.0#

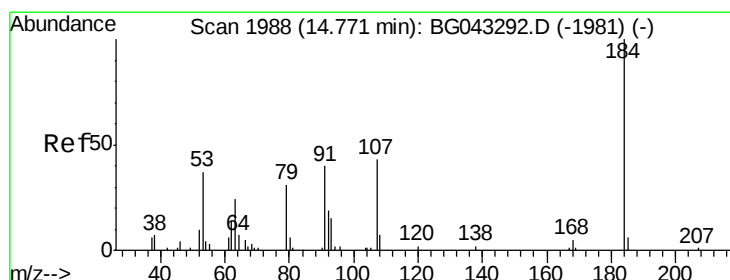
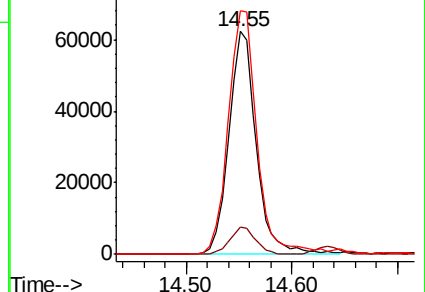
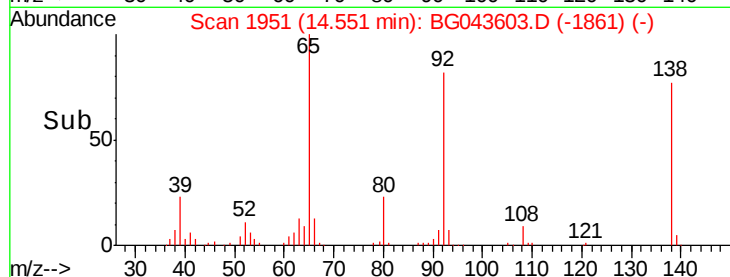
92 109.3 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 58.149 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

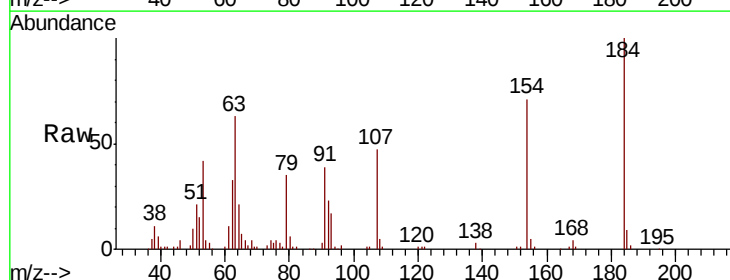
Tgt Ion:184 Resp: 91910

Ion Ratio Lower Upper

184 100

63 63.3 51.3 76.9

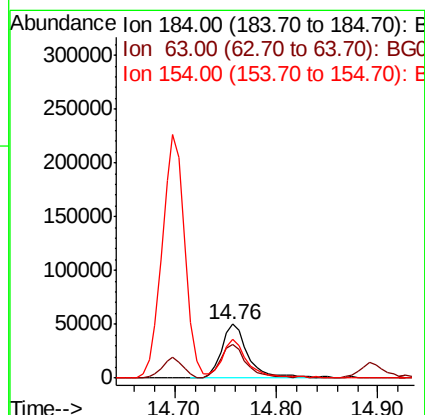
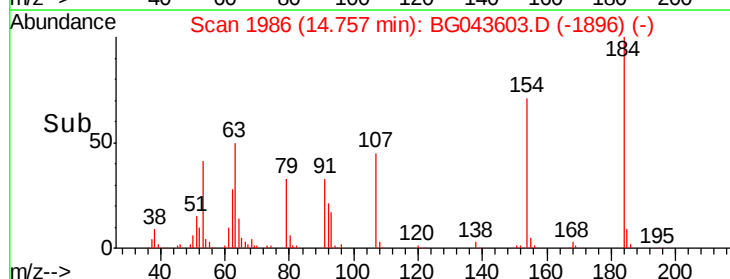
154 71.1 55.4 83.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

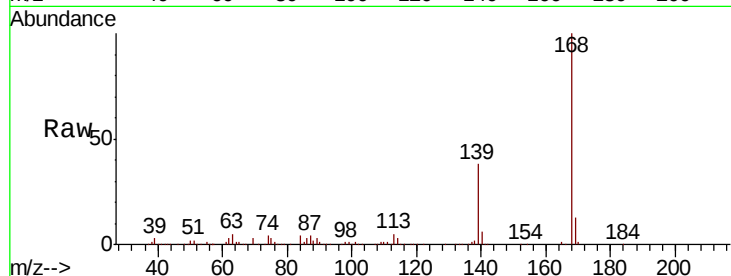




#55
Dibenzofuran
Concen: 40.600 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.0	46.6
169	13.5	11.7	17.5

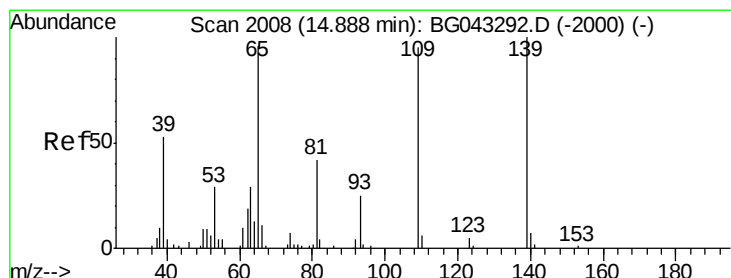
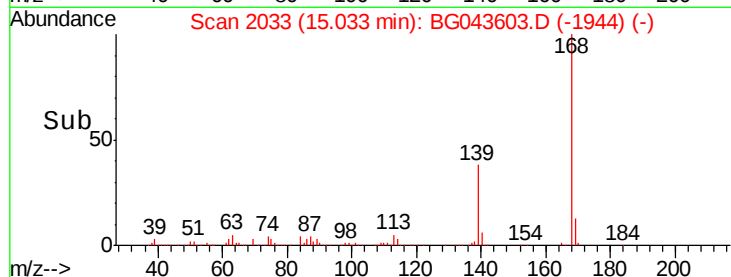
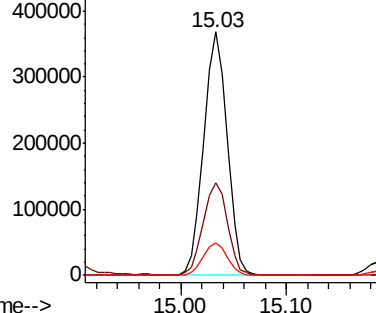


Abundance

Ion 168.00 (167.70 to 168.70): E

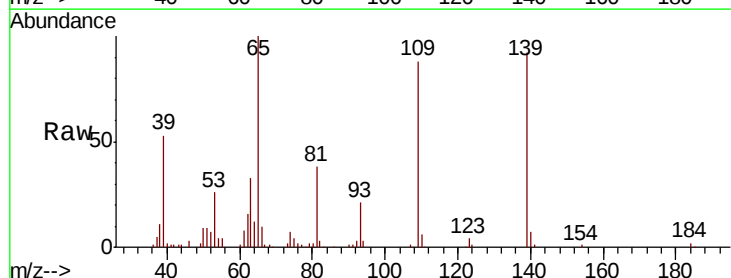
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 42.541 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.9	87.2	127.2
65	108.7	83.8	123.8

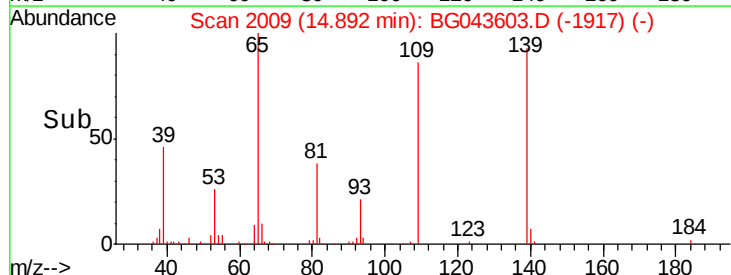
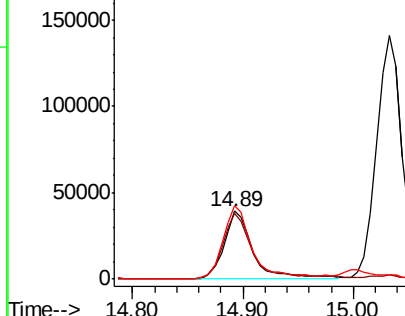


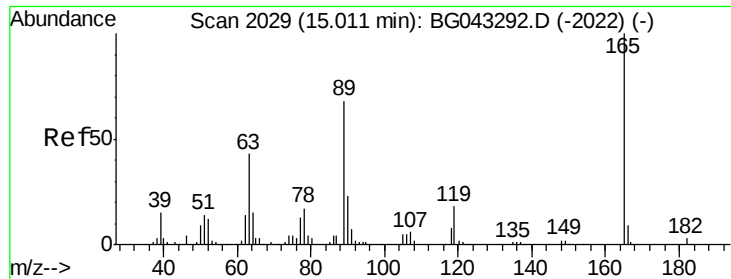
Abundance

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

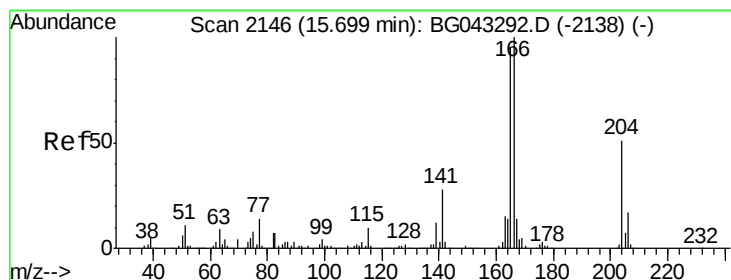
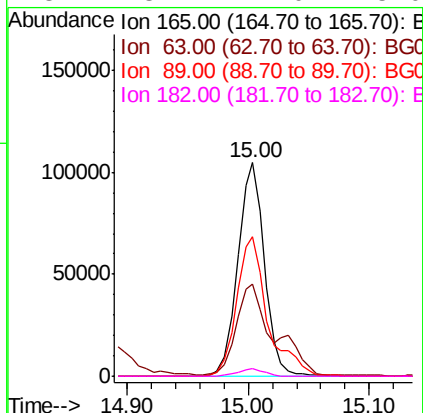
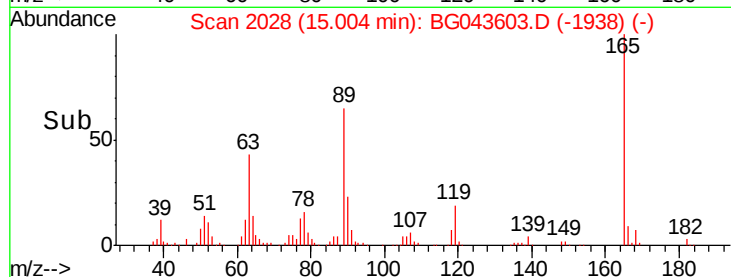
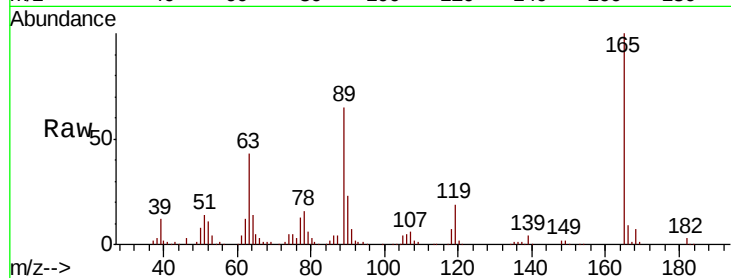




#57
2,4-Dinitrotoluene
Concen: 42.769 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

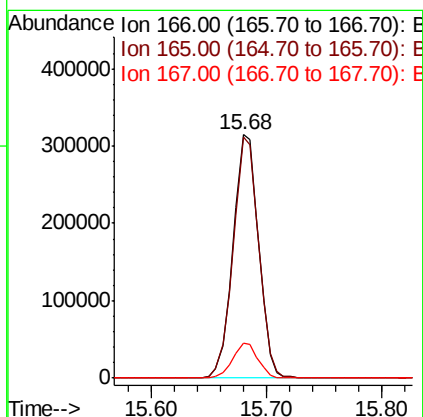
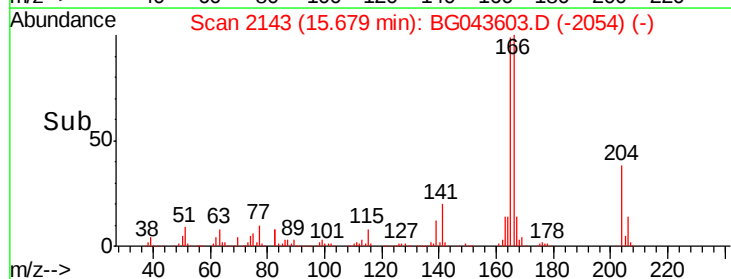
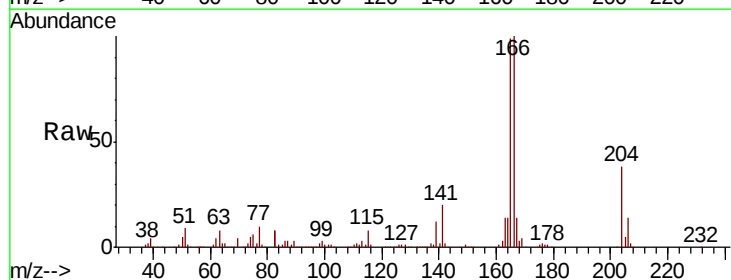
Instrument :
BNA_G
ClientSampleId :

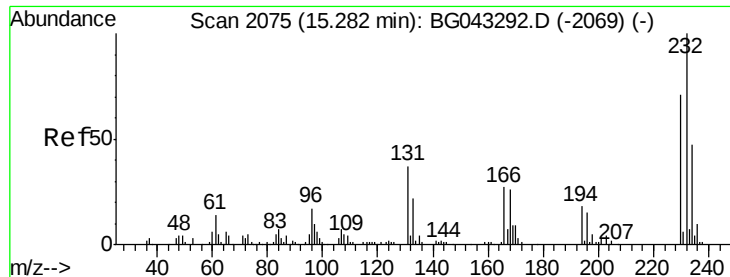
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	33.2	49.8
89	65.1	52.2	78.4
182	3.4	2.0	3.0



#58
Fluorene
Concen: 41.343 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.6
167	14.4	10.5	15.7

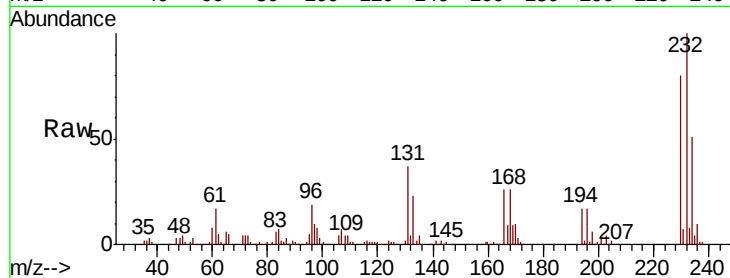




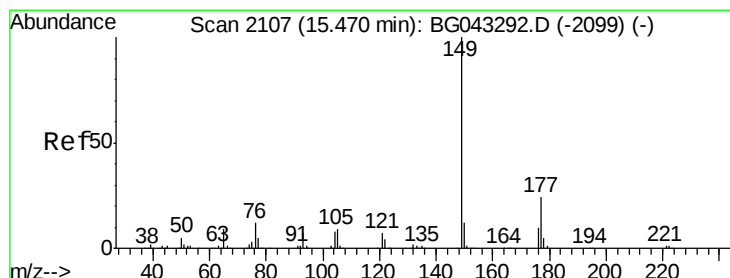
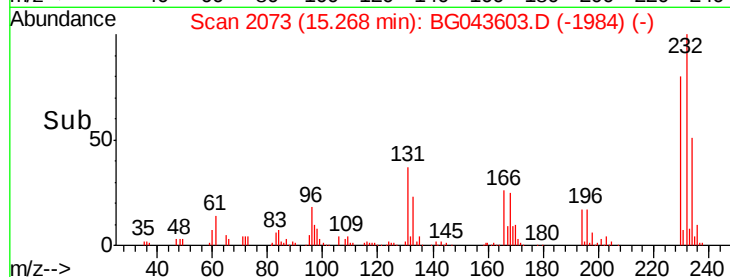
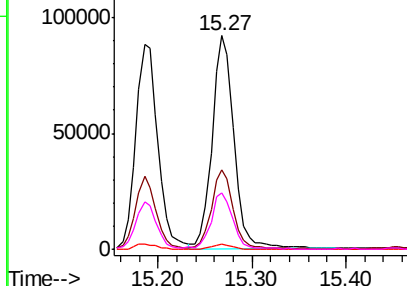
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.249 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.9	26.9	40.3
130	2.2	1.8	2.6
166	26.0	20.9	31.3

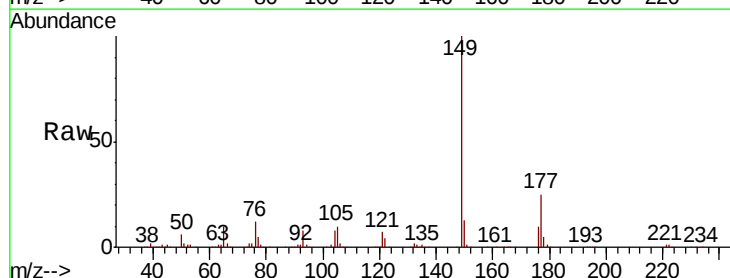


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

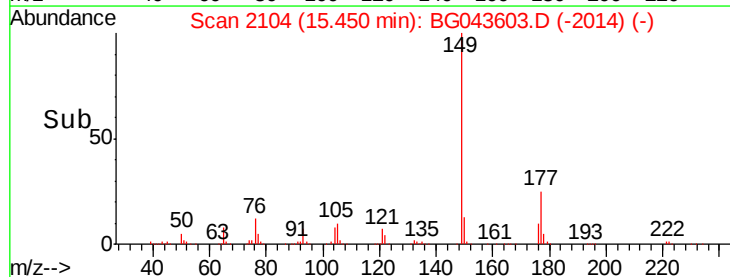
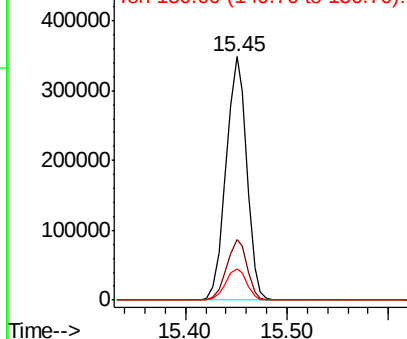


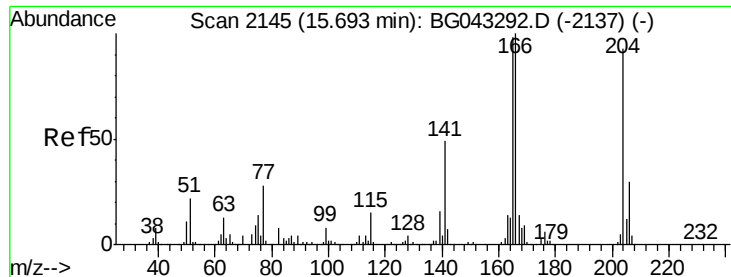
#60
Diethylphthalate
Concen: 40.571 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.6	29.4
150	12.8	10.8	16.2



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

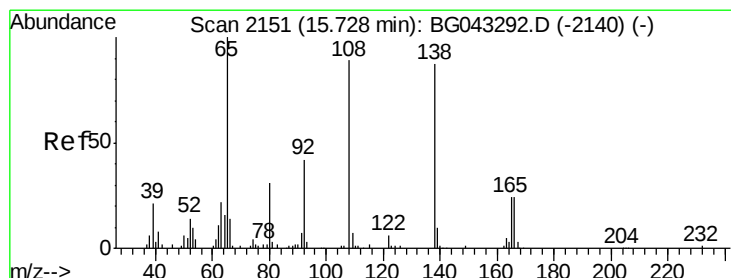
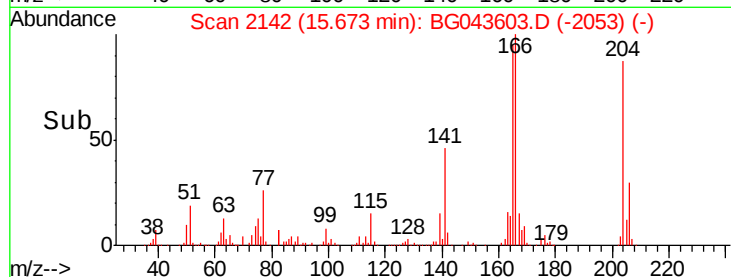
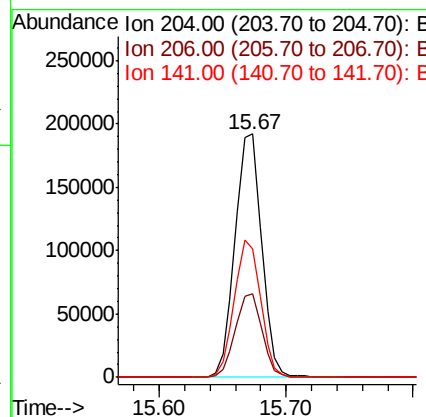
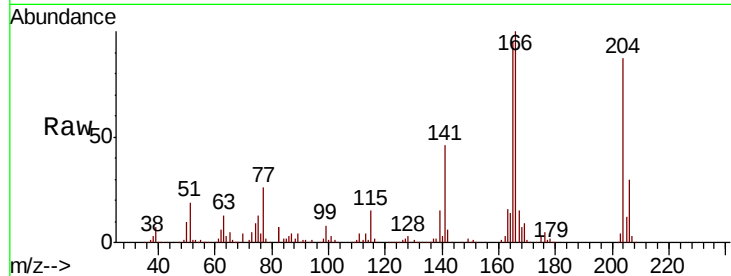




#61
4-Chlorophenyl-phenylether
Concen: 40.988 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

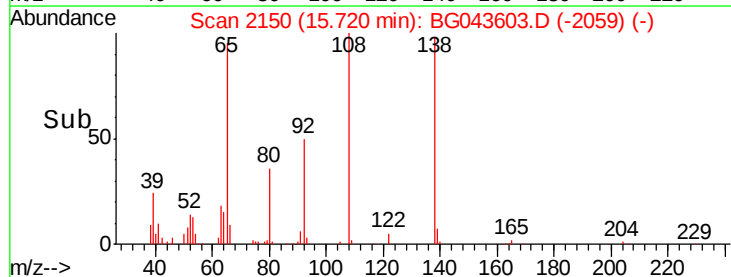
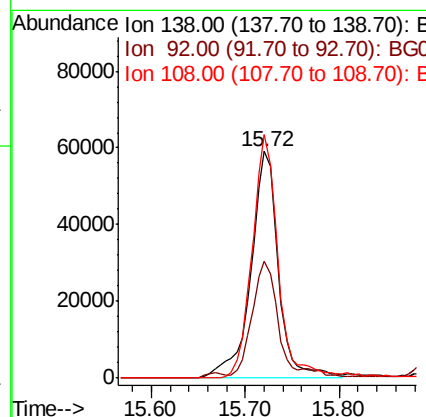
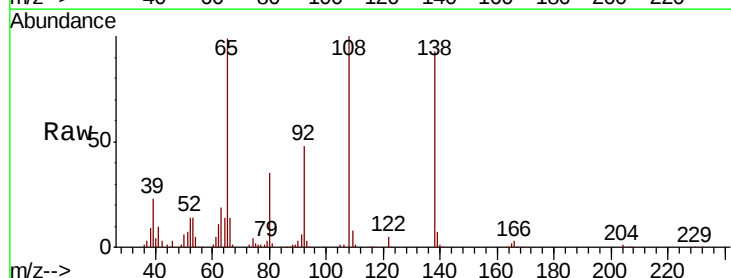
Instrument :
BNA_G
ClientSampled :

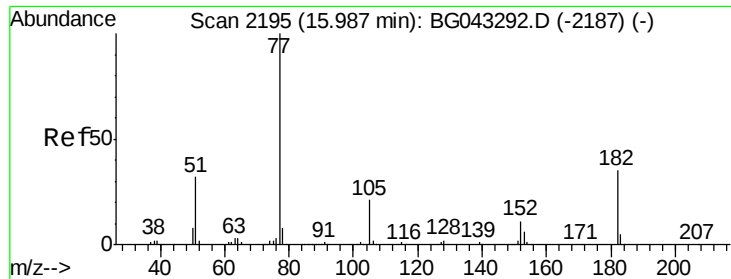
Tot Ion:204 Resp: 279268
Ion Ratio Lower Upper
204 100
206 34.3 28.4 42.6
141 53.0 43.0 64.6



#62
4-Nitroaniline
Concen: 45.898 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion:138 Resp: 120369
Ion Ratio Lower Upper
138 100
92 51.6 33.4 73.4
108 107.4 78.0 118.0

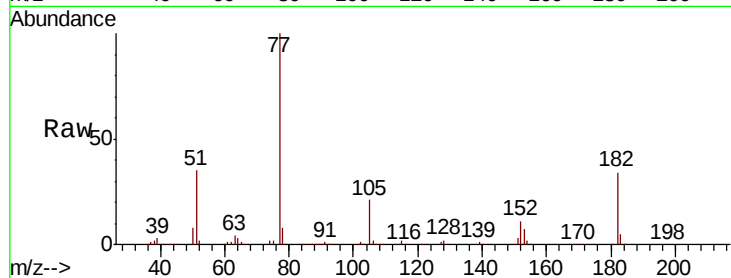




#63
Azobenzene
Concen: 41.419 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.0	13.7	53.7
105	21.5	0.4	40.4
51	35.2	11.0	51.0



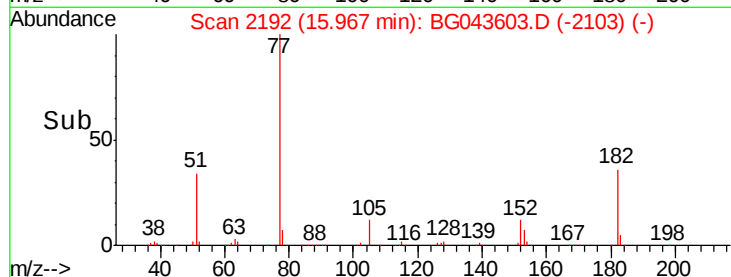
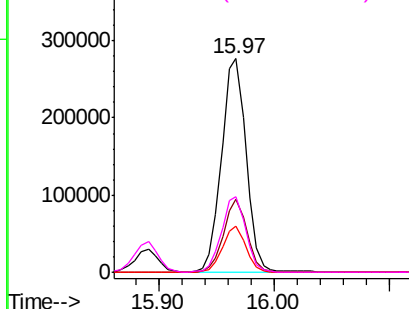
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

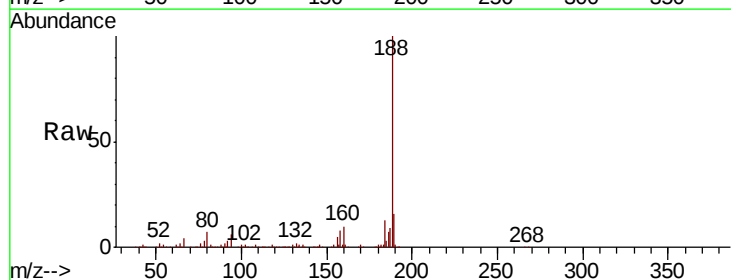
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.6	4.5	6.7

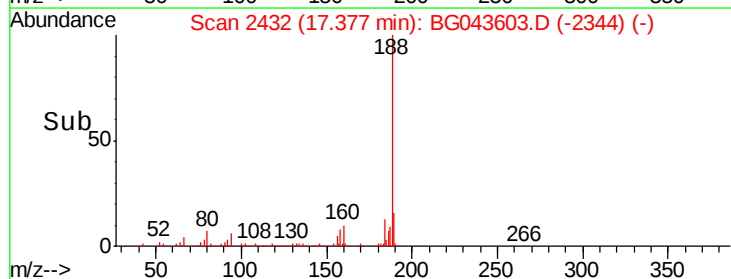
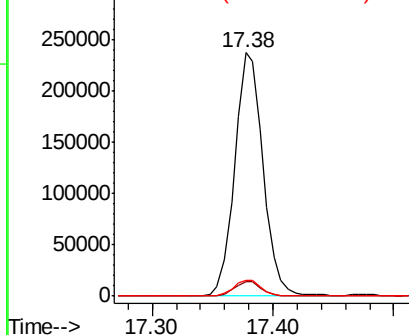


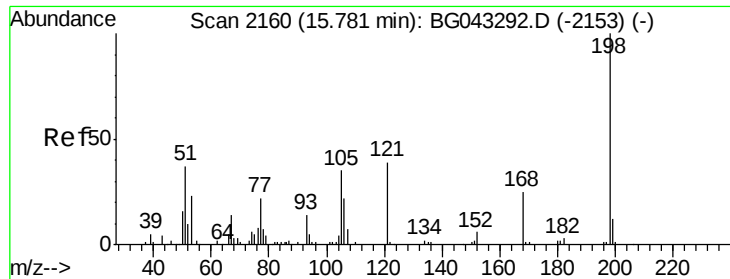
Abundance

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: 39.922 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

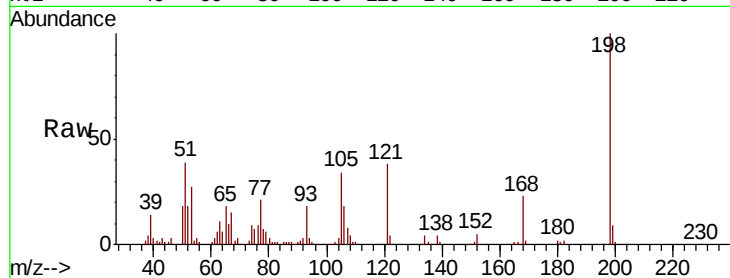
Tot Ion:198 Resp: 90759

Ion	Ratio	Lower	Upper
198	100		
51	38.8	13.2	53.2
105	33.9	15.8	55.8

198 100

51 38.8 13.2 53.2

105 33.9 15.8 55.8

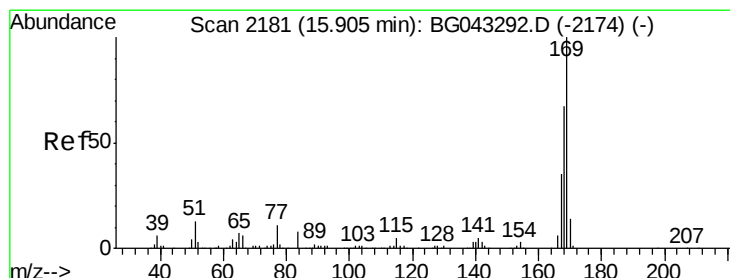
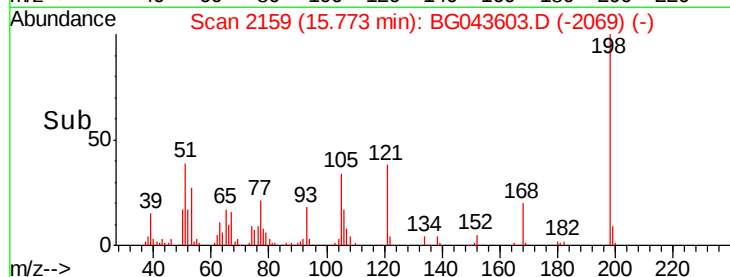
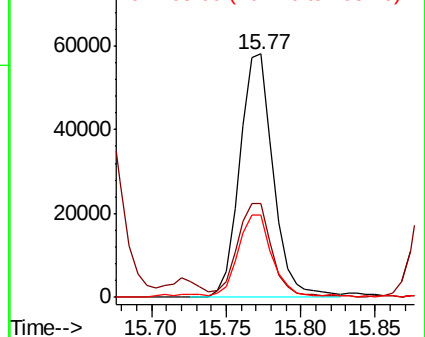


Abundance

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: 39.487 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

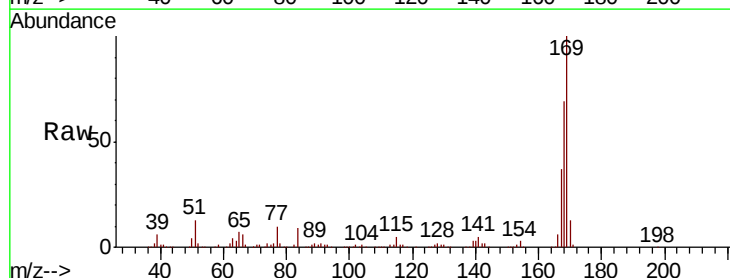
Tgt Ion:169 Resp: 430661

Ion	Ratio	Lower	Upper
169	100		
168	69.0	53.8	80.6
167	36.8	27.5	41.3

169 100

168 69.0 53.8 80.6

167 36.8 27.5 41.3

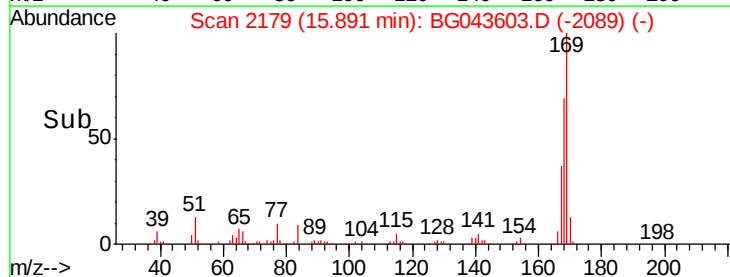
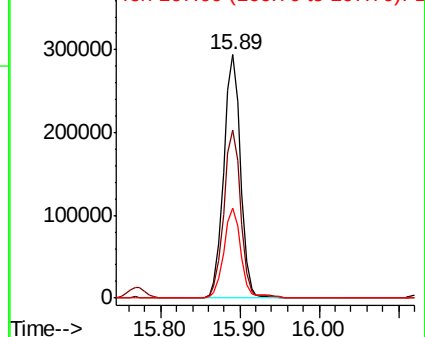


Abundance

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

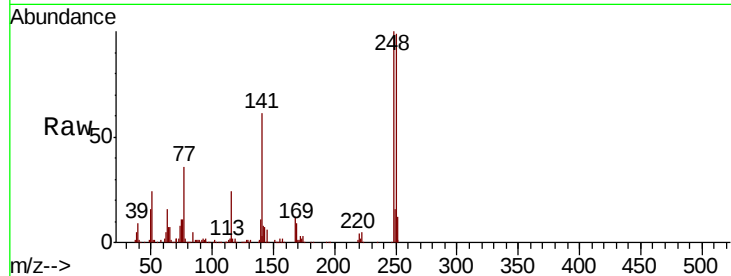




#67
4-Bromophenyl-phenylether
Concen: 39.076 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.0	115.4
141	60.9	47.5	71.3

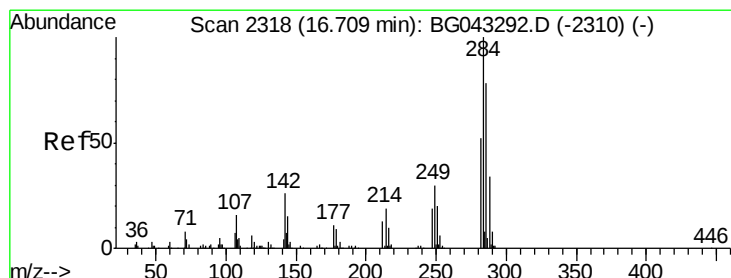
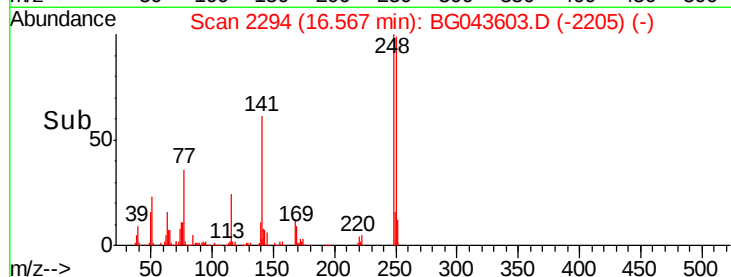
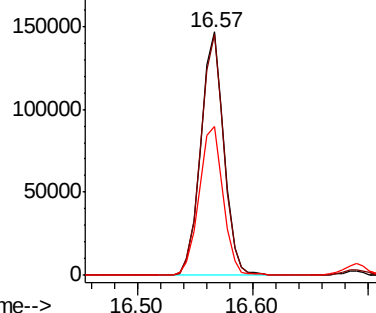


Abundance

Ion 248.00 (247.70 to 248.70): E

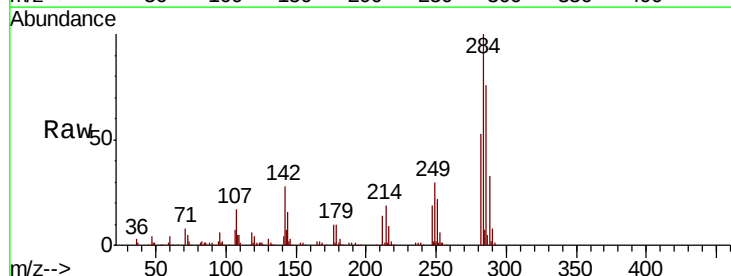
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.386 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	19.8	29.8
249	30.1	23.8	35.6

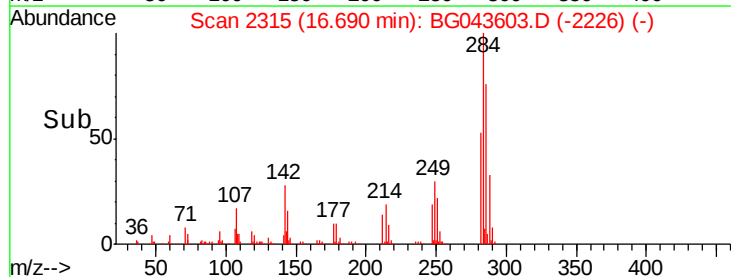
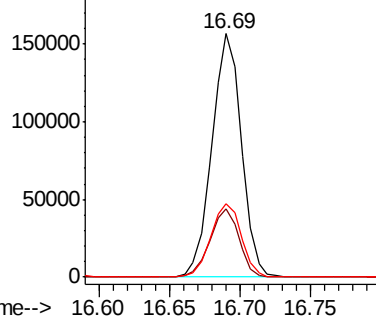


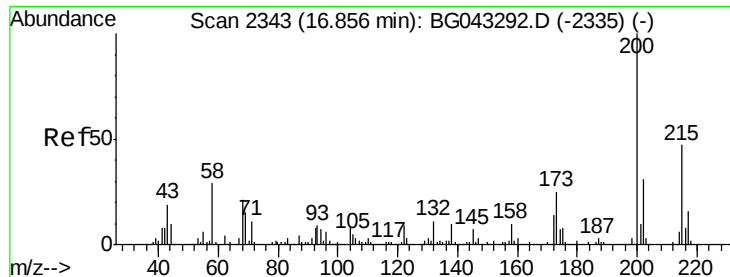
Abundance

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

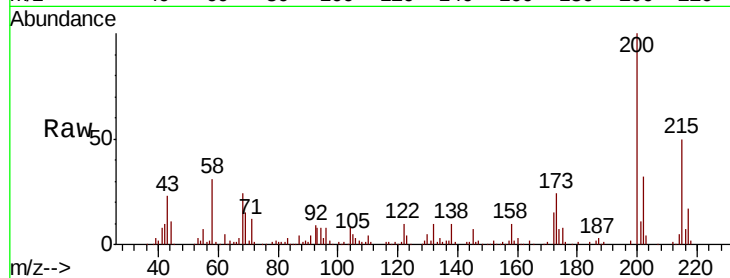




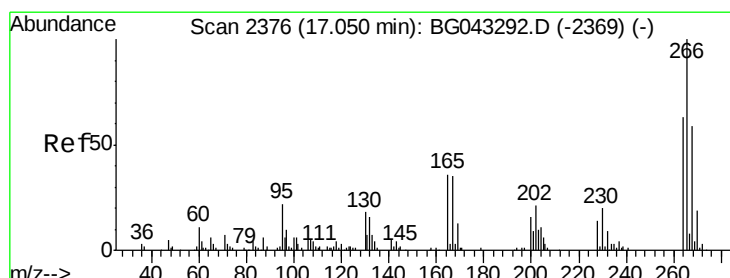
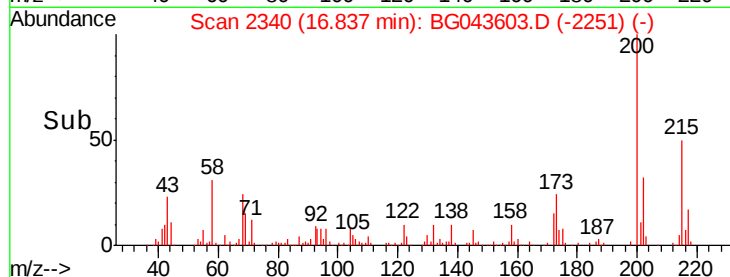
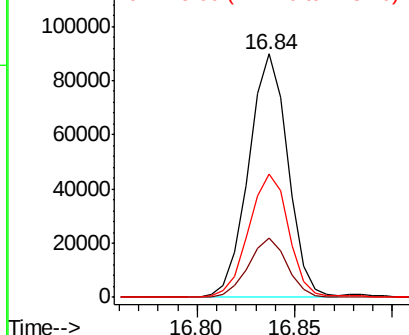
#69
 Atrazine
 Concen: 33.093 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.7	44.7
215	50.4	28.5	68.5

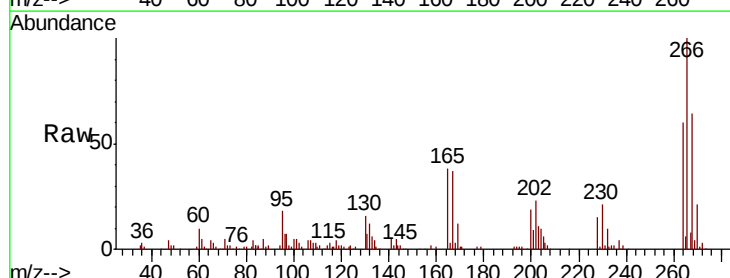


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

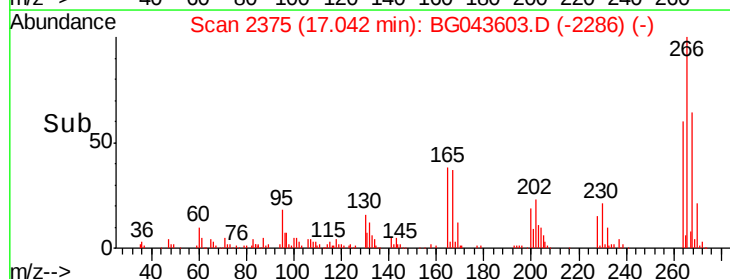
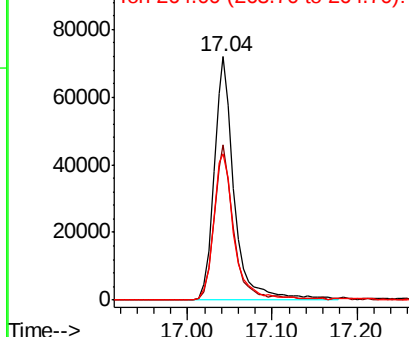


#70
 Pentachlorophenol
 Concen: 44.406 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043603.D
 Acq: 12 Nov 2019 4:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.4	75.6
264	60.1	48.9	73.3



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

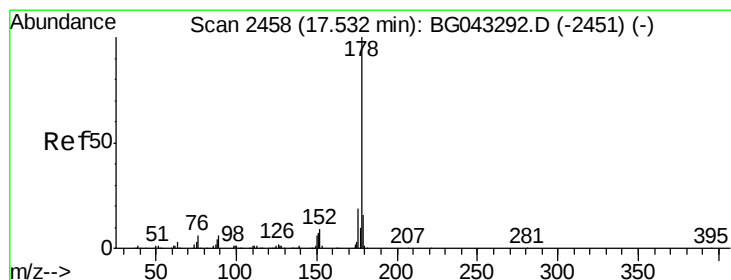
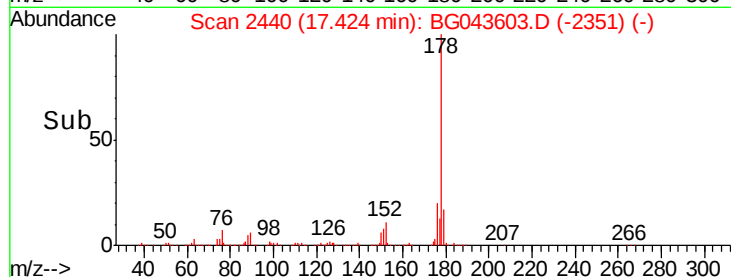
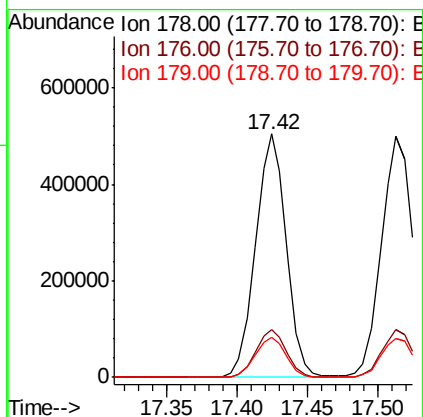
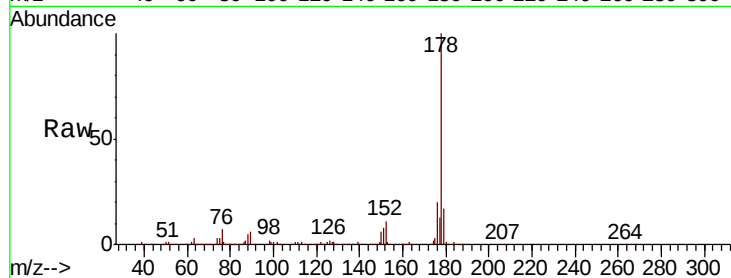




#71
Phenanthrene
Concen: 38.965 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

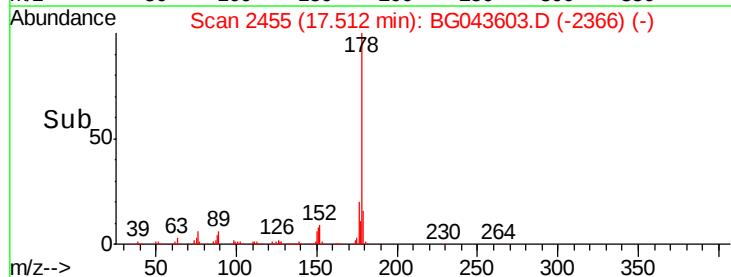
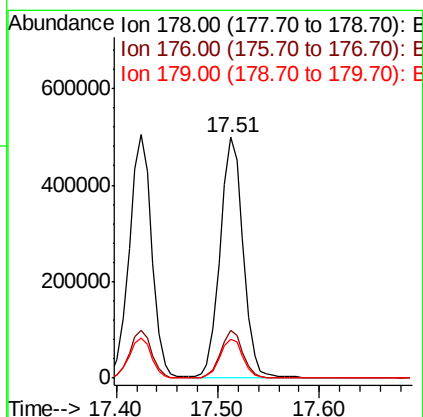
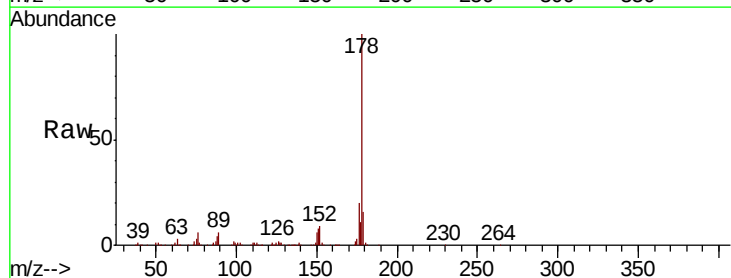
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 770793
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.7 13.0 19.6



#72
Anthracene
Concen: 39.602 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion:178 Resp: 783805
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.3 13.7 20.5





#73

Carbazole

Concen: 39.387 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampled :

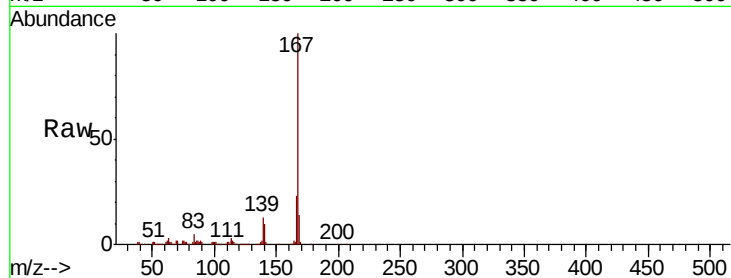
Tot Ion:167 Resp: 705935

Ion Ratio Lower Upper

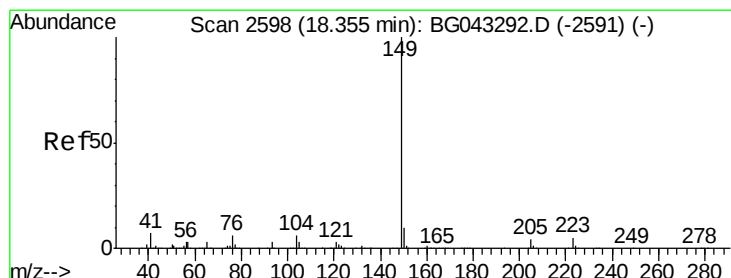
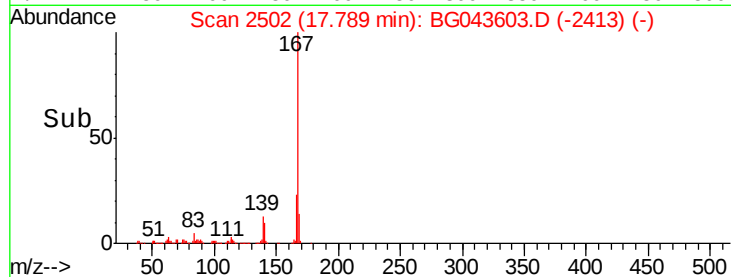
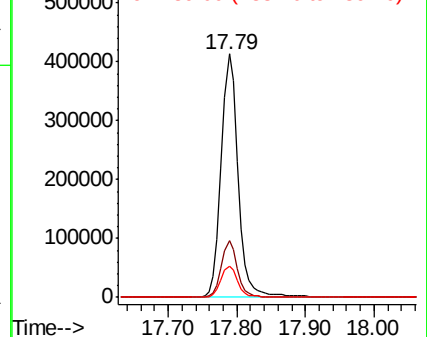
167 100

166 23.0 18.7 28.1

139 13.0 10.0 15.0



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



#74

Di-n-butylphthalate

Concen: 40.463 ng

RT: 18.34 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

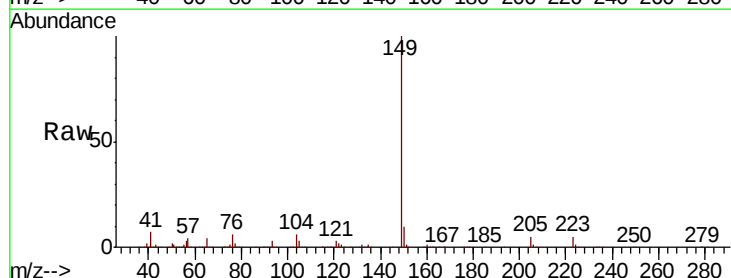
Tgt Ion:149 Resp: 879958

Ion Ratio Lower Upper

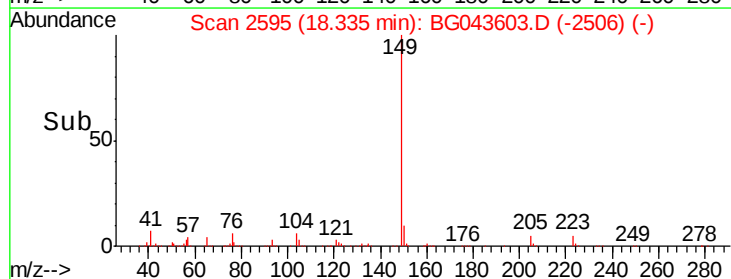
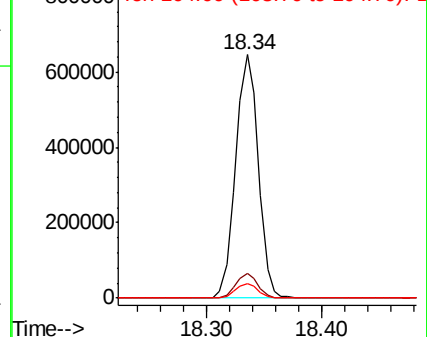
149 100

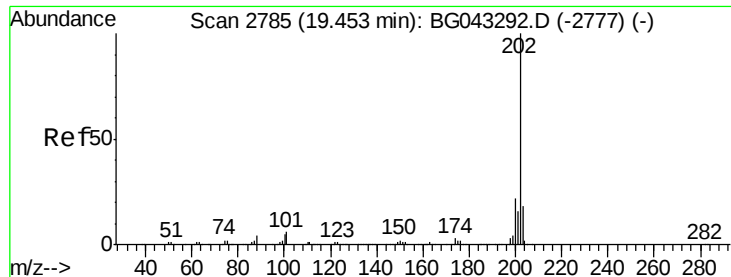
150 10.0 8.0 12.0

104 5.9 4.4 6.6



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: 38.229 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

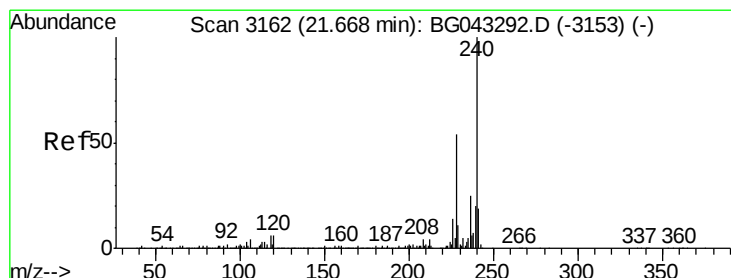
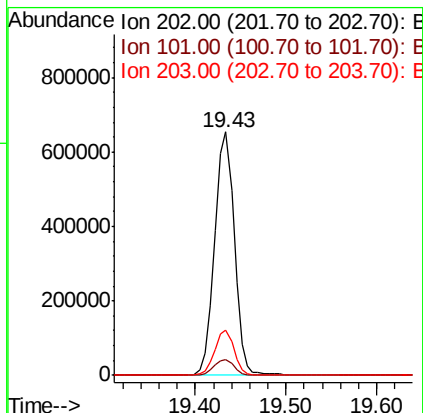
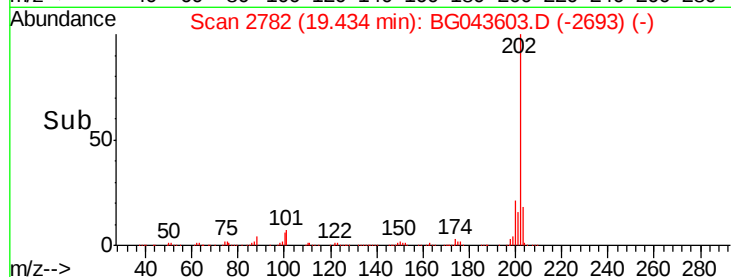
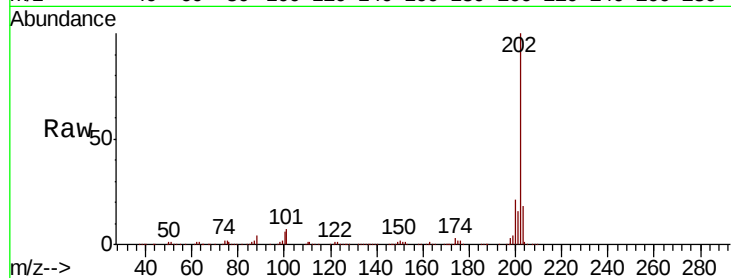
Tot Ion:202 Resp: 985896

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.3

203 18.3 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

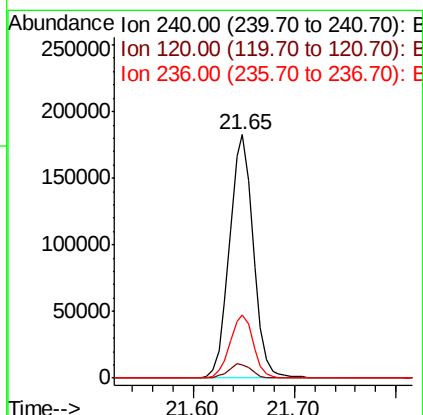
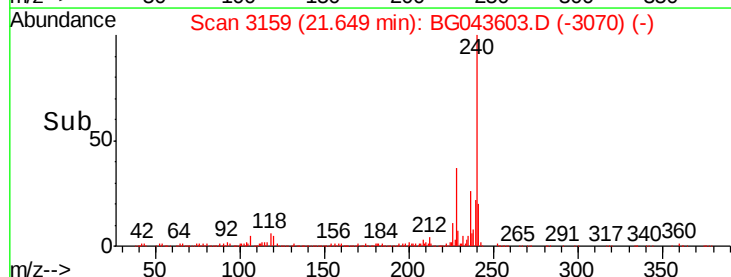
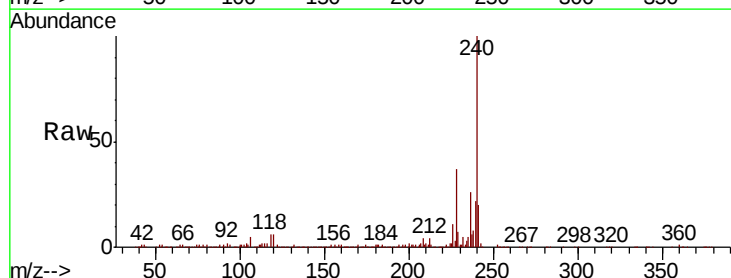
Tgt Ion:240 Resp: 297794

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

236 25.9 19.8 29.8





#77

Benzidine

Concen: 48.409 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

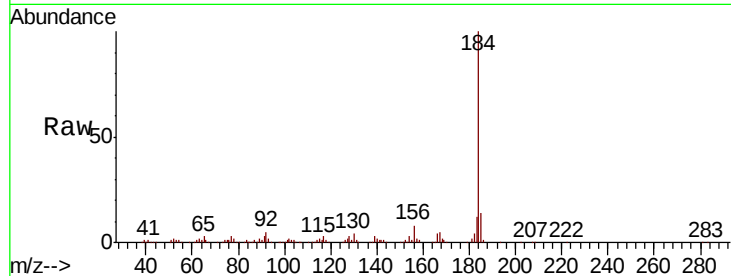
Tot Ion:184 Resp: 290125

Ion Ratio Lower Upper

184 100

185 14.5 11.0 16.4

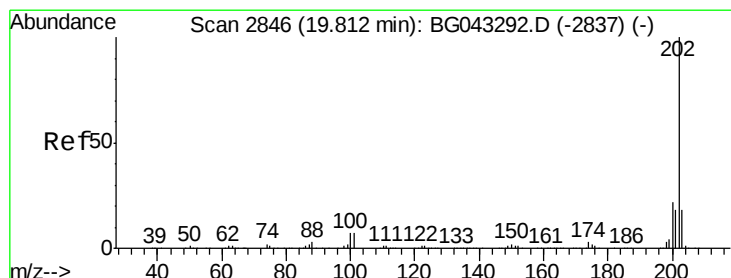
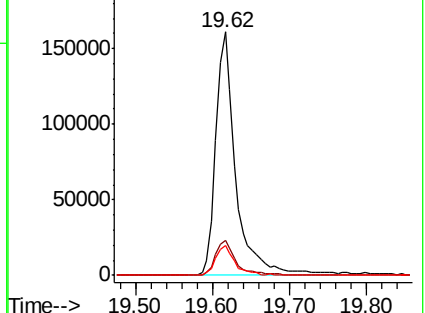
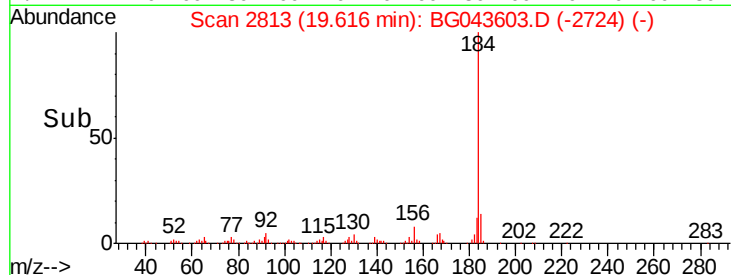
183 12.3 10.0 15.0



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: 52.278 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

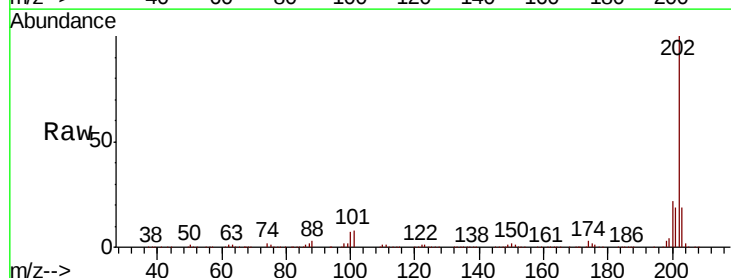
Tgt Ion:202 Resp: 963644

Ion Ratio Lower Upper

202 100

200 22.1 17.0 25.4

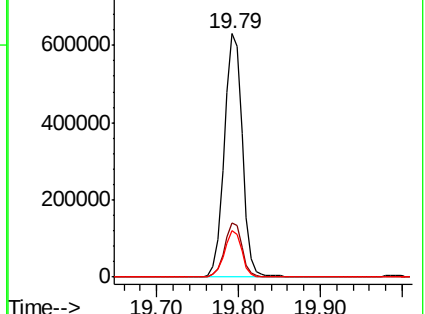
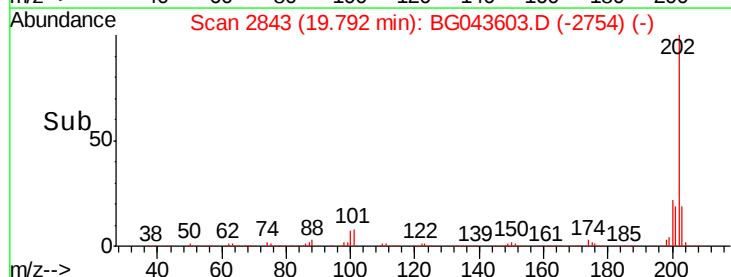
203 19.2 14.7 22.1



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: 102.334 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

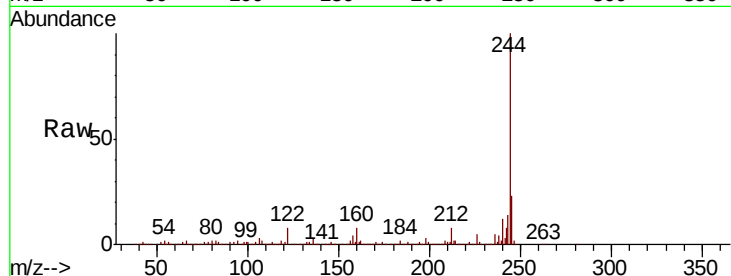
Tot Ion:244 Resp: 1624384

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

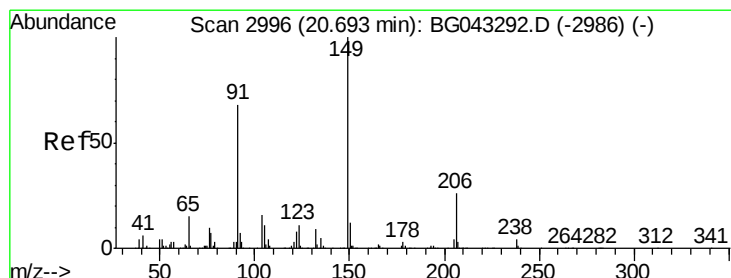
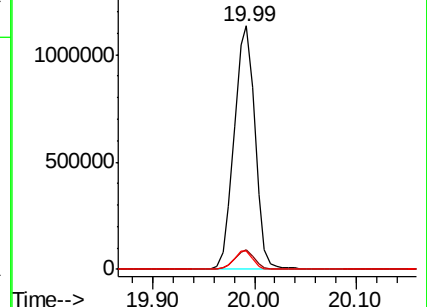
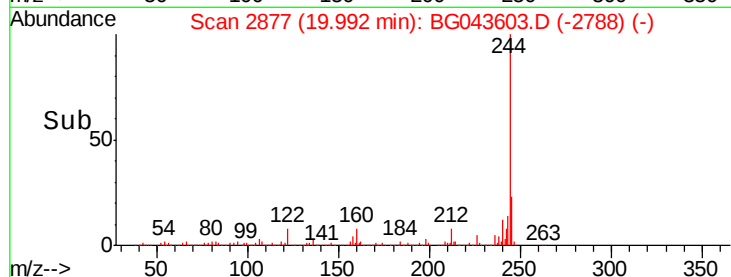
122 7.7 5.4 8.2



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: 44.842 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

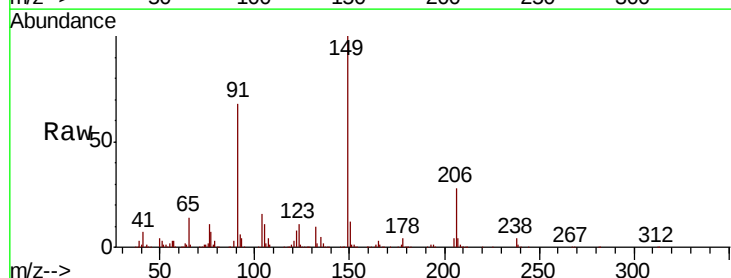
Tgt Ion:149 Resp: 313156

Ion Ratio Lower Upper

149 100

91 67.9 51.2 76.8

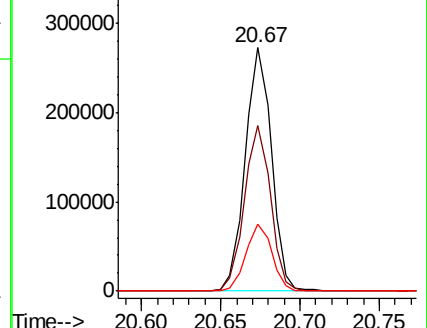
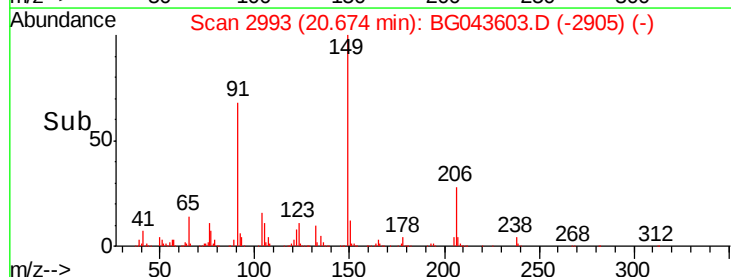
206 27.7 22.5 33.7

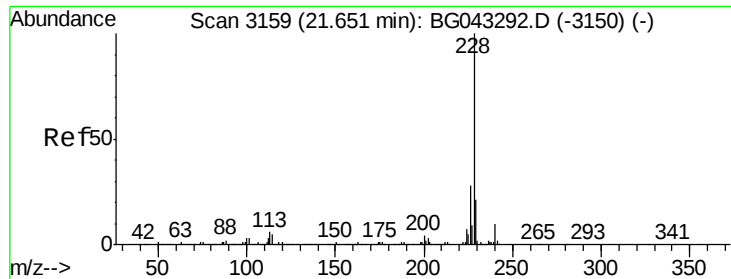


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.037 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

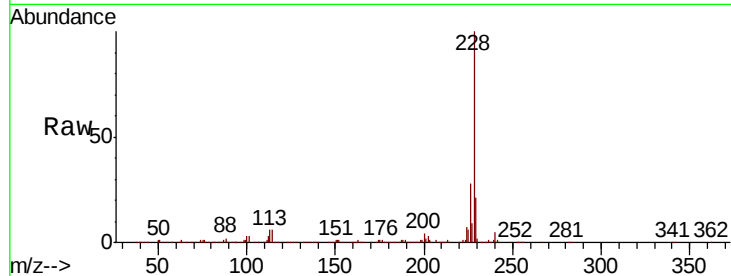
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 784137

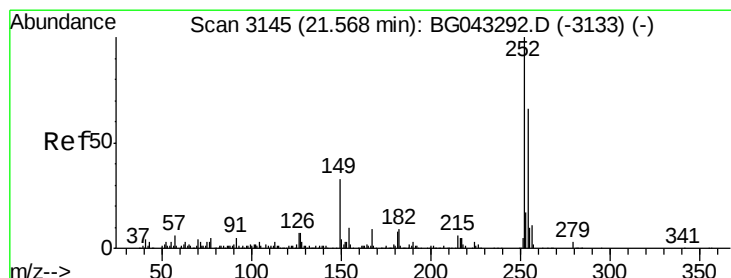
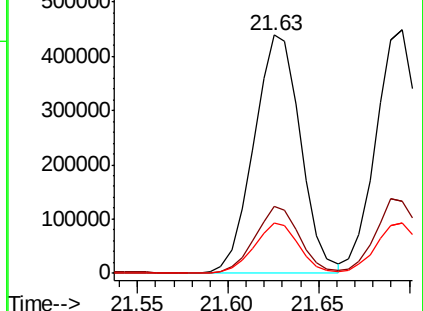
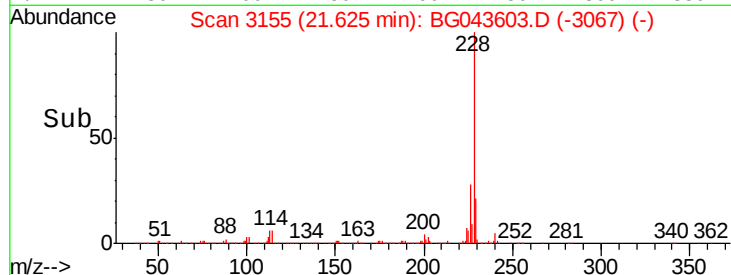
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	21.3	17.0	25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.572 ng

RT: 21.54 min Scan# 3141

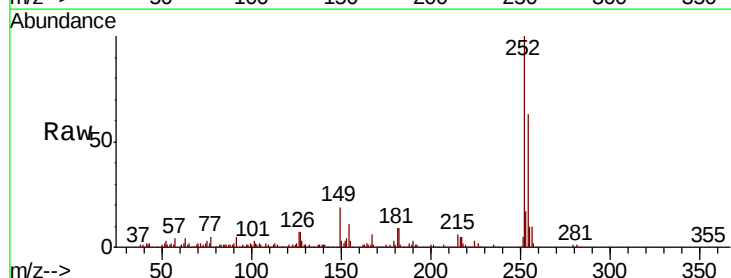
Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Tgt Ion:252 Resp: 299938

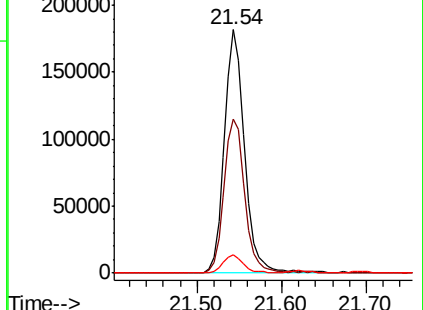
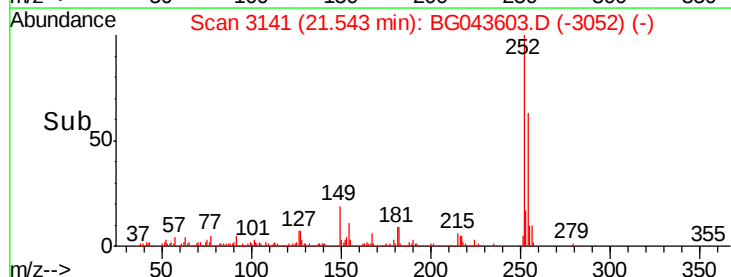
Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.8	76.2
126	7.4	6.1	9.1

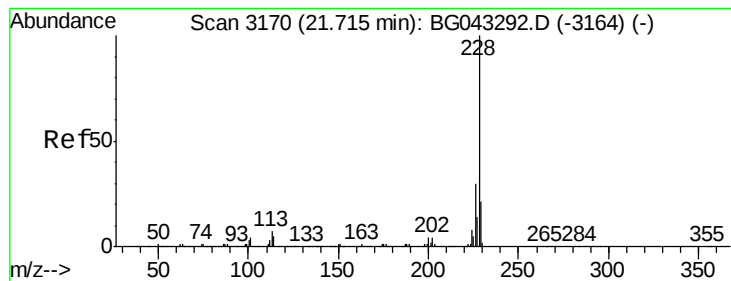


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.458 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

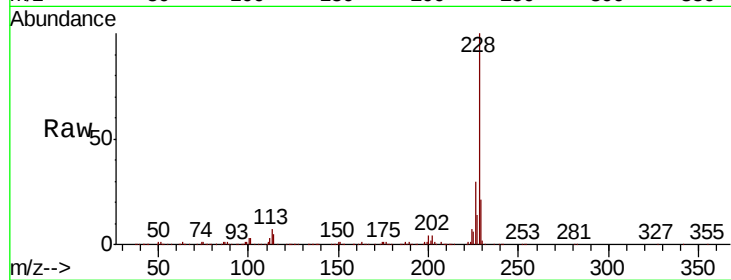
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 749842

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.1	37.7
229	20.6	17.0	25.4

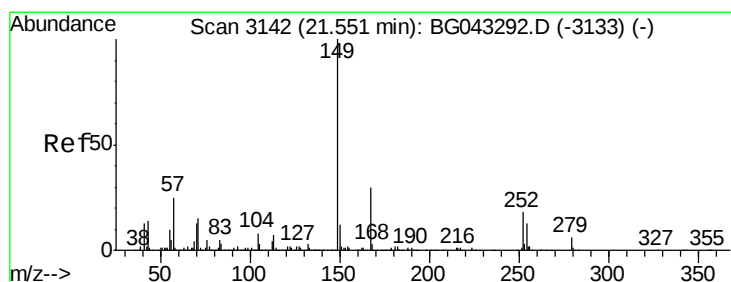
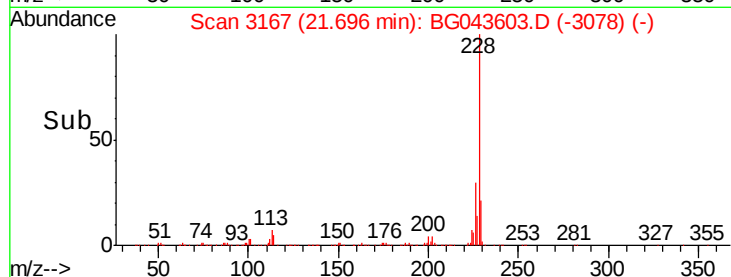
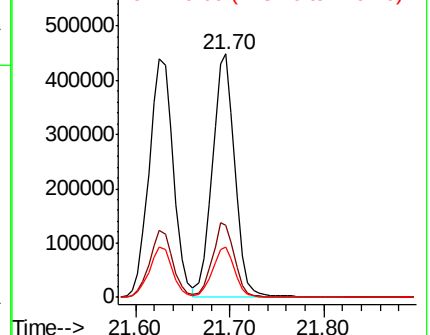


Abundance

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: 40.426 ng

RT: 21.53 min Scan# 3138

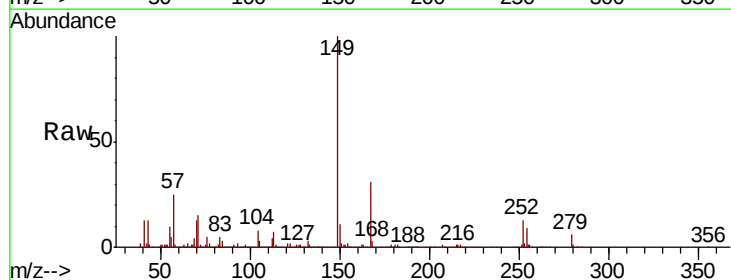
Delta R.T. -0.01 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Tgt Ion:149 Resp: 401040

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.0	36.0
279	6.4	5.4	8.2

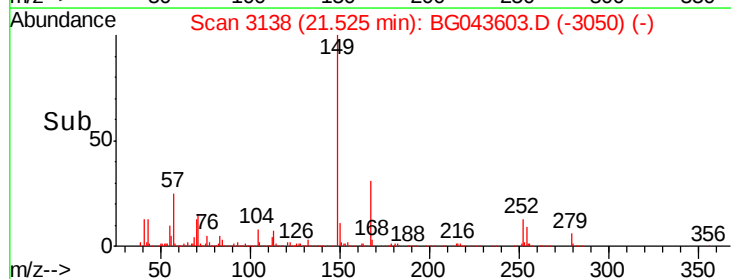
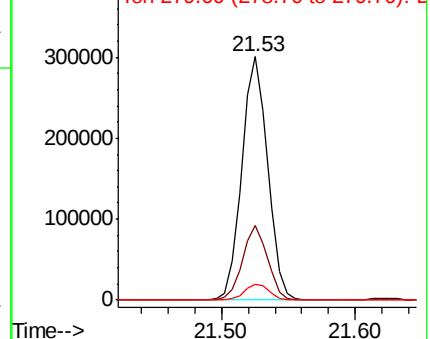


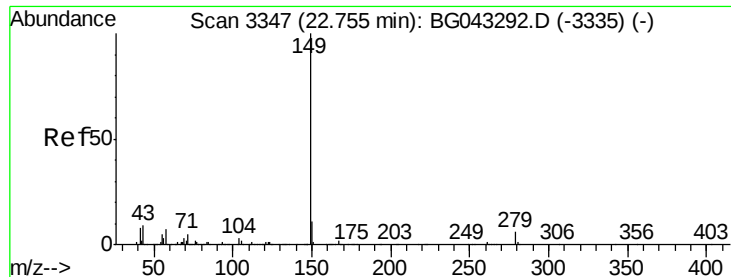
Abundance

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

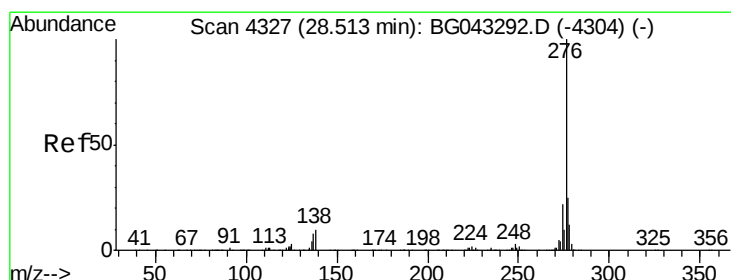
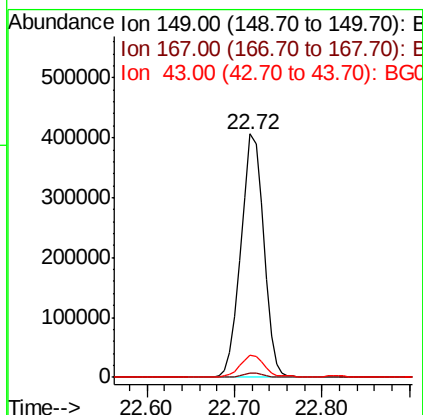
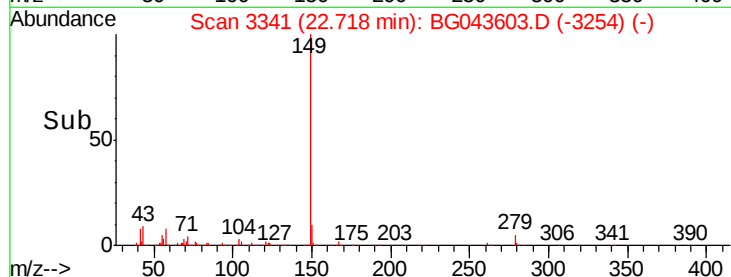
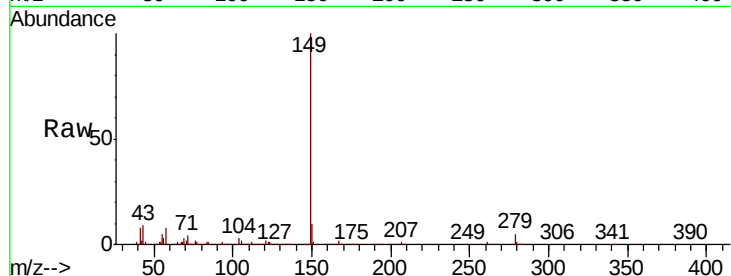




#85
Di-n-octyl phthalate
Concen: 42.194 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

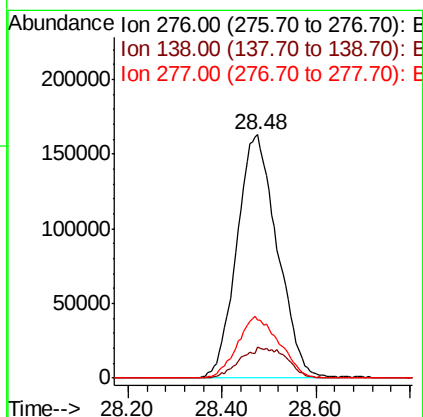
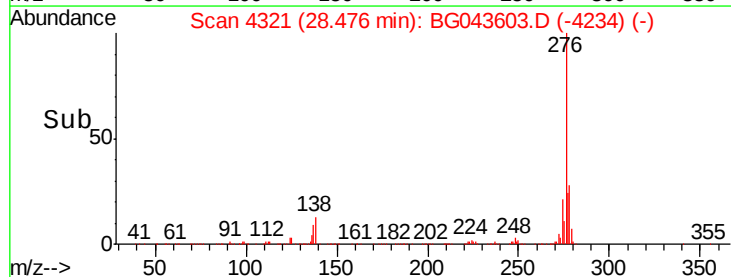
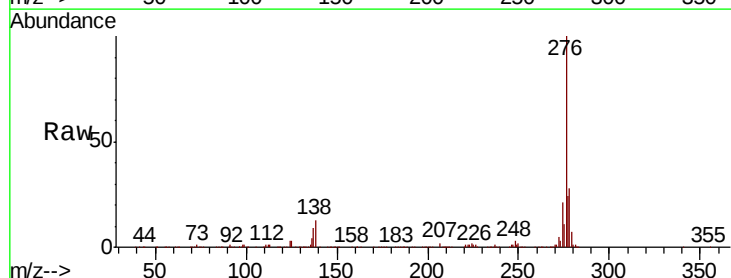
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 710141
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 9.5 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.840 ng
RT: 28.48 min Scan# 4321
Delta R.T. -0.02 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion:276 Resp: 973400
Ion Ratio Lower Upper
276 100
138 14.4 6.8 10.2#
277 26.2 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampleId :

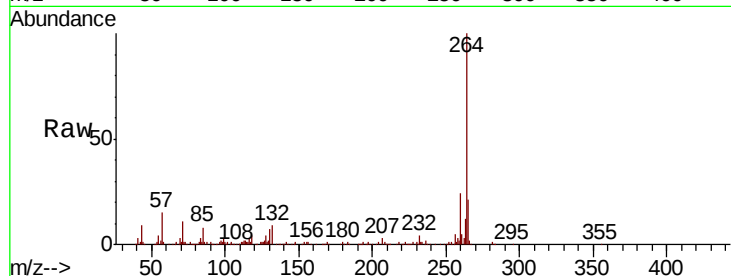
Tot Ion:264 Resp: 349530

Ion Ratio Lower Upper

264 100

260 23.9 17.5 26.3

265 21.2 17.4 26.0

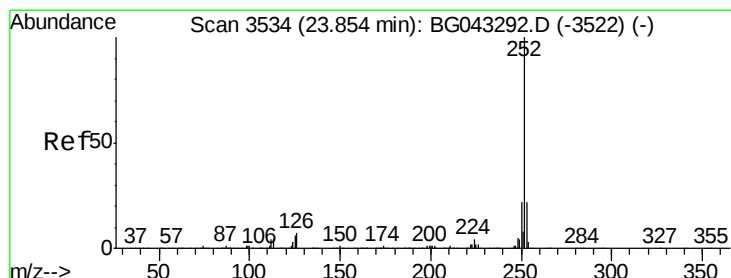
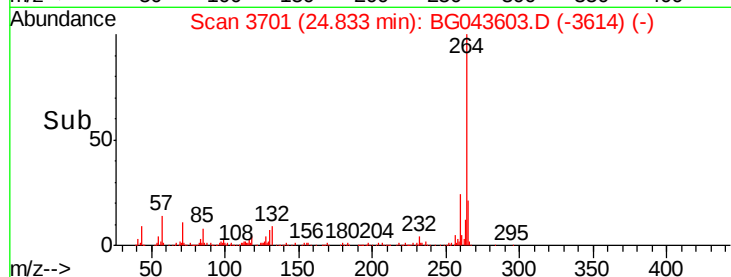
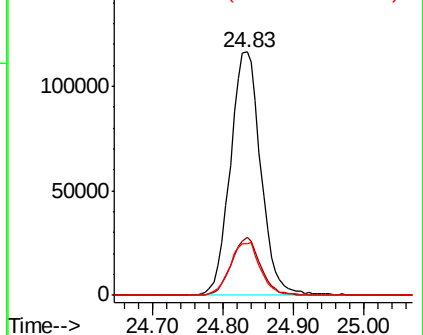


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.166 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

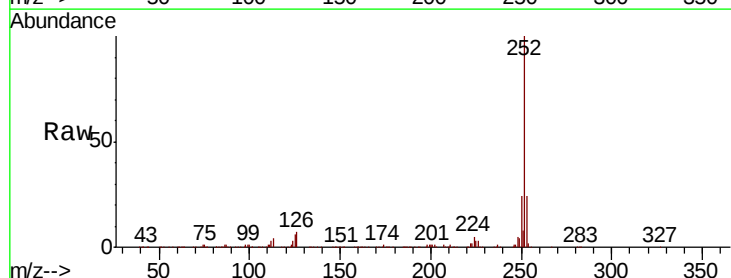
Tgt Ion:252 Resp: 814934

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 6.0 4.5 6.7

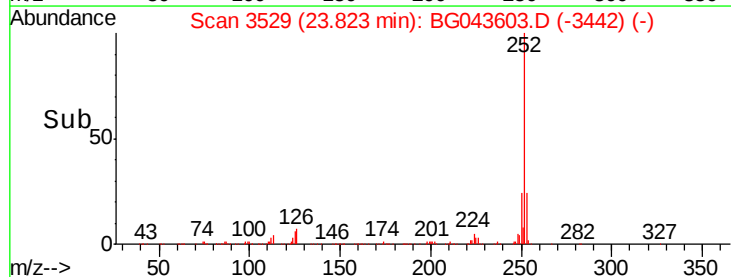
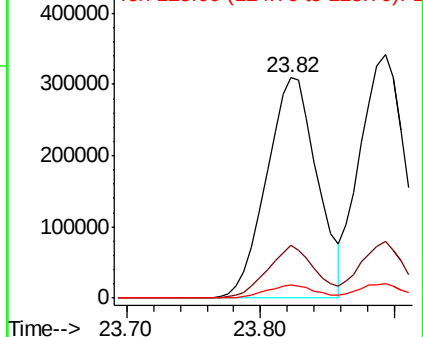


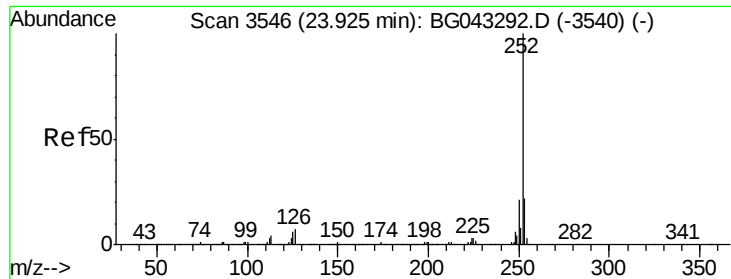
Abundance

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

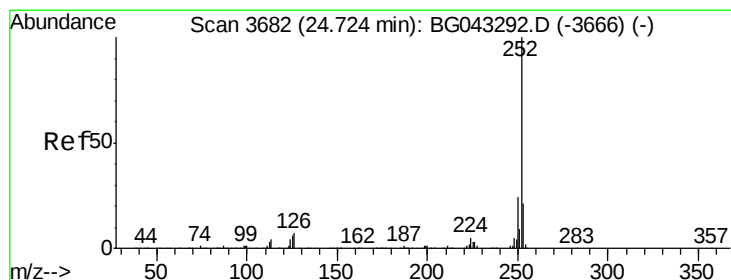
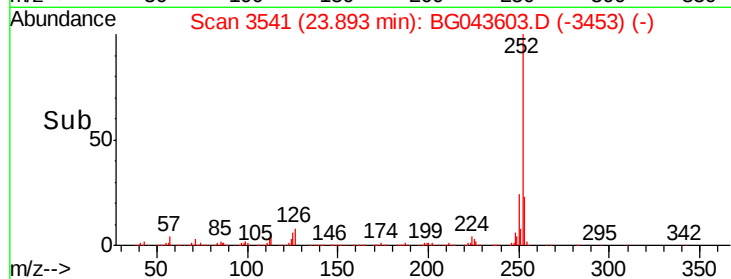
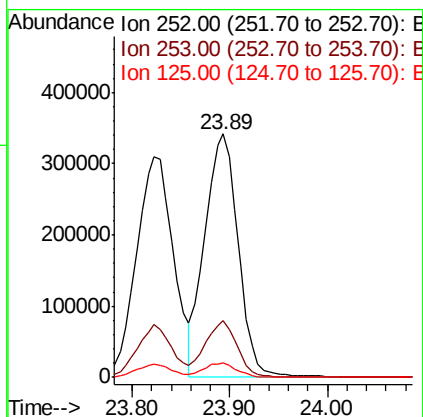
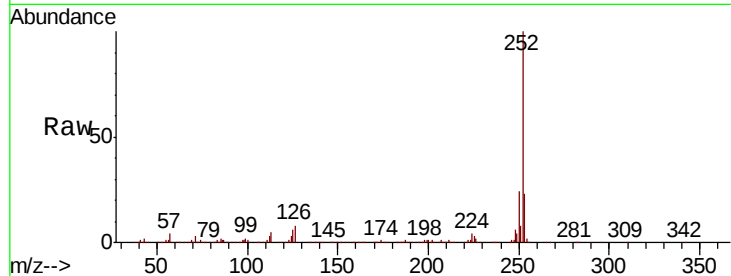




#89
Benzo(k)fluoranthene
Concen: 40.372 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

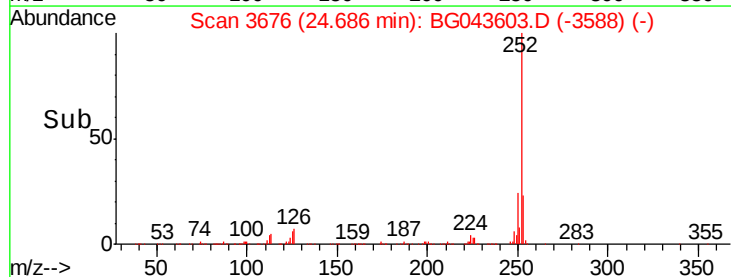
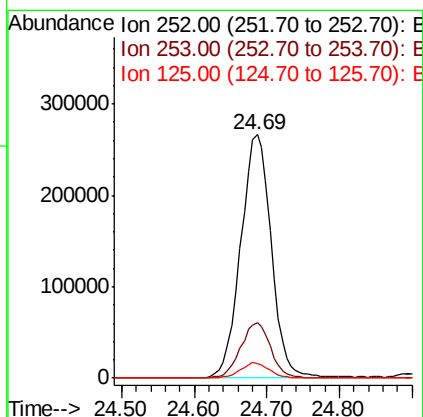
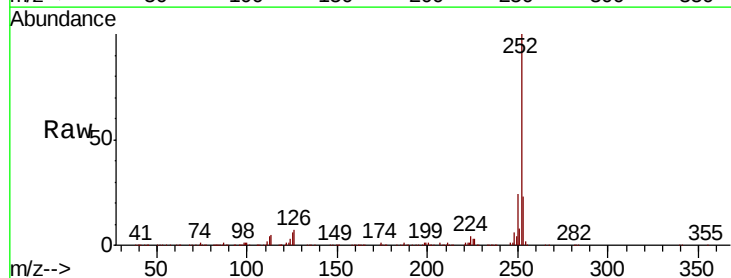
Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 804582
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 6.2 4.6 6.8



#90
Benzo(a)pyrene
Concen: 41.271 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG043603.D
Acq: 12 Nov 2019 4:23

Tgt Ion:252 Resp: 780179
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 6.0 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 41.914 ng

RT: 28.53 min Scan# 4330

Delta R.T. -0.03 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

Instrument :

BNA_G

ClientSampled :

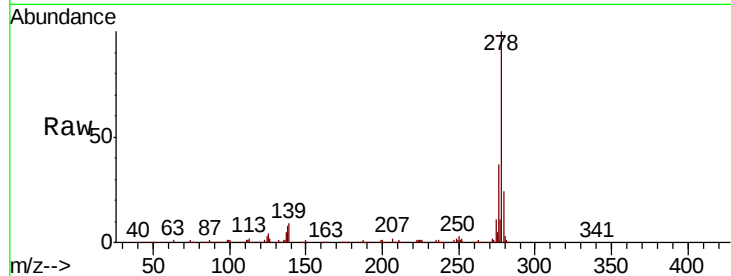
Tot Ion:278 Resp: 810447

Ion Ratio Lower Upper

278 100

139 9.3 7.4 11.0

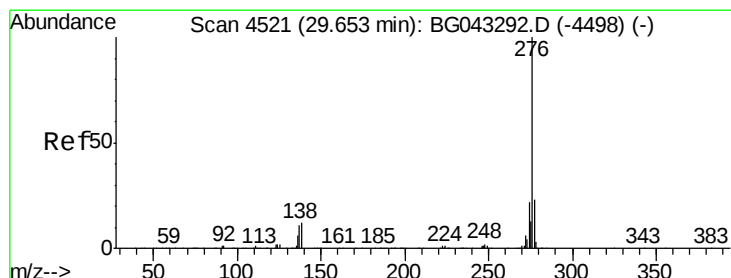
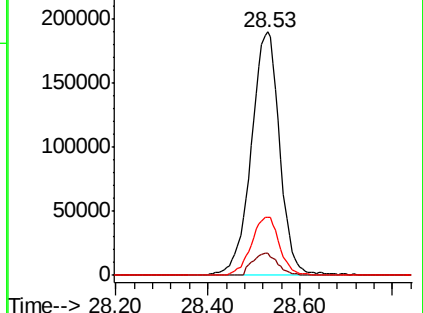
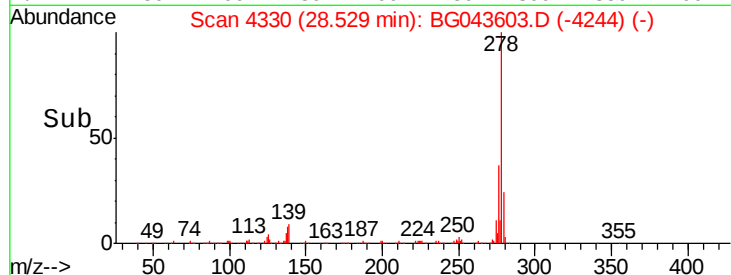
279 24.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.226 ng

RT: 29.61 min Scan# 4514

Delta R.T. -0.02 min

Lab File: BG043603.D

Acq: 12 Nov 2019 4:23

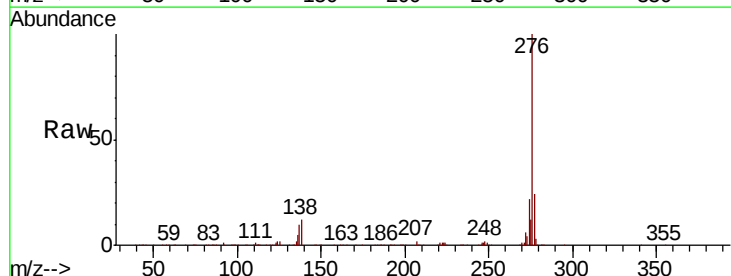
Tgt Ion:276 Resp: 786314

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 12.2 8.9 13.3



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

