

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043758.D
 Acq On : 23 Nov 2019 16:23
 Operator : JU
 Sample : PB124977TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 25 02:02:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37527	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	174155	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	140950	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	468581	20.00	ng	0.00
76) Chrysene-d12	21.66	240	647419	20.00	ng	0.00
87) Perylene-d12	24.84	264	569451	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	355843	170.47	ng	0.00
7) Phenol-d6	7.18	99	505741	166.67	ng	0.00
23) Nitrobenzene-d5	9.18	82	294290	92.91	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	306051	180.02	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	785915	91.66	ng	0.00
79) Terphenyl-d14	20.01	244	2431073	84.85	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	4485	4.846	ng	# 1
3) Pyridine	3.93	79	131	0.050	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	519	0.401	ng	# 1
6) Aniline	7.34	93	819	0.207	ng	# 76
8) 2-Chlorophenol	7.59	128	96	0.040	ng	# 1
9) Benzaldehyde	7.18	77	1038	0.573	ng	# 4
10) Phenol	7.19	94	81	0.026	ng	# 1
11) bis(2-Chloroethyl)ether	7.40	93	121	0.047	ng	# 17
12) 1,3-Dichlorobenzene	7.93	146	67	0.024	ng	# 27
13) 1,4-Dichlorobenzene	8.06	146	53	0.019	ng	# 25
14) 1,2-Dichlorobenzene	8.39	146	176	0.066	ng	# 23
15) Benzyl Alcohol	8.16	79	251	0.099	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.54	45	187	0.042	ng	# 71
17) 2-Methylphenol	8.37	107	73	0.033	ng	# 1
18) Hexachloroethane	9.13	117	92	0.086	ng	# 1
19) n-Nitroso-di-n-propylamine	9.18	70	40774	17.087	ng	# 74
20) 3+4-Methylphenols	8.81	107	61	0.020	ng	# 22
22) Acetophenone	8.84	105	417	0.090	ng	# 44
24) Nitrobenzene	9.22	77	210	0.064	ng	# 41
25) Isophorone	9.74	82	319	0.047	ng	# 25
27) 2,4-Dimethylphenol	10.01	122	54	0.023	ng	# 11
28) bis(2-Chloroethoxy)methane	10.18	93	61	0.015	ng	# 19
30) 1,2,4-Trichlorobenzene	10.69	180	125	0.038	ng	# 12
31) Naphthalene	10.88	128	470	0.054	ng	# 67
32) Benzoic acid	10.01	122	54	0.032	ng	# 1
33) 4-Chloroaniline	10.98	127	494	0.119	ng	# 46
34) Hexachlorobutadiene	11.19	225	60	0.028	ng	# 18
35) Caprolactam	11.91	113	53	0.046	ng	# 95
36) 4-Chloro-3-methylphenol	12.16	107	60	0.019	ng	# 17
37) 2-Methylnaphthalene	12.48	142	61	0.009	ng	# 14
38) 1-Methylnaphthalene	12.48	142	61	0.010	ng	# 6
43) 2,4,6-Trichlorophenol	12.94	196	58	0.020	ng	# 12
44) 2,4,5-Trichlorophenol	12.94	196	58	0.019	ng	# 1
46) 1,1'-Biphenyl	13.49	154	1693	0.173	ng	# 79

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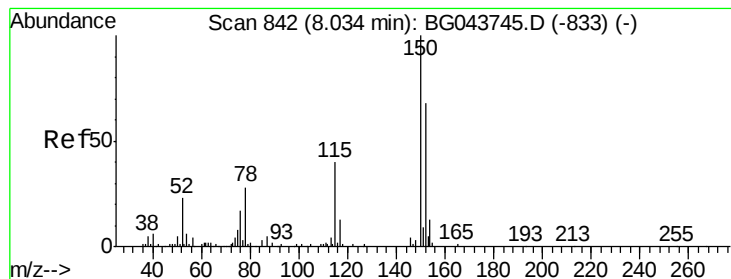
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 25 02:02:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) 2-Nitroaniline	13.97	65	78	0.033	nq	# 5
49) Acenaphthylene	14.37	152	57	0.005	nq	# 59
51) 2,6-Dinitrotoluene	14.65	165	18247	8.800	nq	# 27
52) Acenaphthene	14.69	154	54	0.007	nq	# 3
53) 3-Nitroaniline	14.50	138	56	0.023	nq	# 1
54) 2,4-Dinitrophenol	14.85	184	55	0.065	nq	# 2
55) Dibenzofuran	15.25	168	56	0.004	nq	# 46
56) 4-Nitrophenol	14.76	139	61	0.030	nq	# 4
57) 2,4-Dinitrotoluene	14.65	165	18247	6.345	nq	# 24
58) Fluorene	16.13	166	13600	1.328	nq	# 88
60) Diethylphthalate	15.48	149	537	Below Cal	#	81
62) 4-Nitroaniline	16.12	138	57	0.021	nq	# 1
63) Azobenzene	16.01	77	236	0.022	nq	# 47
65) 4,6-Dinitro-2-methylphenol	16.13	198	1177	4.870	nq	# 1
66) n-Nitrosodiphenylamine	16.13	169	12179	0.982	nq	# 41
67) 4-Bromophenyl-phenylether	16.13	248	22748	4.604	nq	# 1
68) Hexachlorobenzene	16.98	284	54	0.010	nq	# 42
71) Phenanthrene	17.43	178	201	0.009	nq	# 58
72) Anthracene	17.53	178	74	0.003	nq	# 58
73) Carbazole	17.78	167	119	Below Cal	#	56
74) Di-n-butylphthalate	18.37	149	1682	0.057	nq	# 69
75) Fluoranthene	19.45	202	128	0.004	nq	# 62
77) Benzidine	19.62	184	128282	6.783	nq	# 98
78) Pyrene	20.01	202	12234	0.293	nq	# 75
80) Butylbenzylphthalate	20.71	149	544	0.029	nq	# 70
81) Benzo(a)anthracene	21.65	228	2235	0.052	nq	# 63
82) 3,3'-Dichlorobenzidine	21.55	252	608	0.037	nq	# 76
83) Chrysene	21.70	228	73	0.002	nq	# 45
84) Bis(2-ethylhexyl)phthalate	21.59	149	2833	0.106	nq	# 83
85) Di-n-octyl phthalate	22.79	149	983	0.023	nq	# 4
86) Indeno(1,2,3-cd)pyrene	28.44	276	81	0.002	nq	# 53
88) Benzo(b)fluoranthene	23.84	252	300	0.009	nq	# 60
89) Benzo(k)fluoranthene	23.91	252	356	0.011	nq	# 58
90) Benzo(a)pyrene	24.70	252	240	0.008	nq	# 59
91) Dibenzo(a,h)anthracene	28.51	278	885	0.029	nq	# 57
92) Benzo(a,h,i)perylene	29.56	276	396	0.013	nq	# 54

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

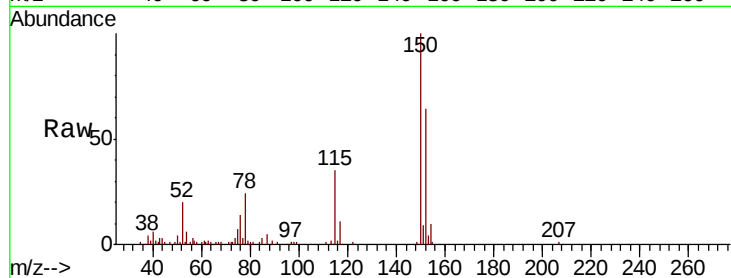
Tot Ion:152 Resp: 37527

Ion Ratio Lower Upper

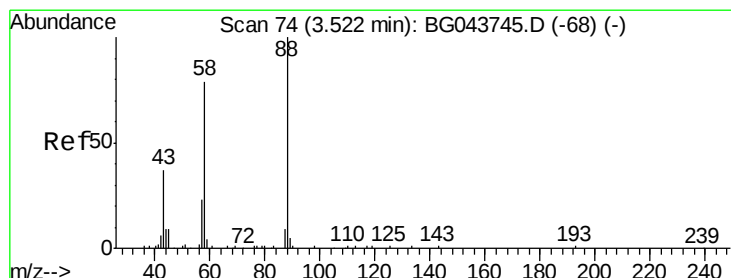
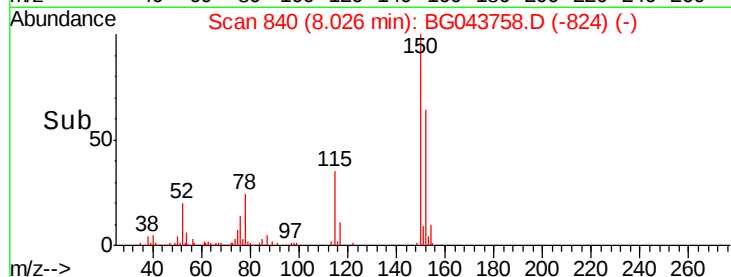
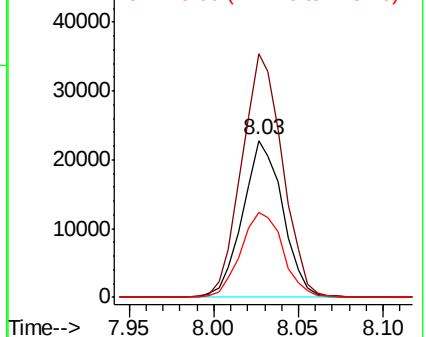
152 100

150 155.5 117.8 176.8

115 54.0 47.0 70.4



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: 4.846 ng

RT: 3.24 min Scan# 26

Delta R.T. -0.28 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

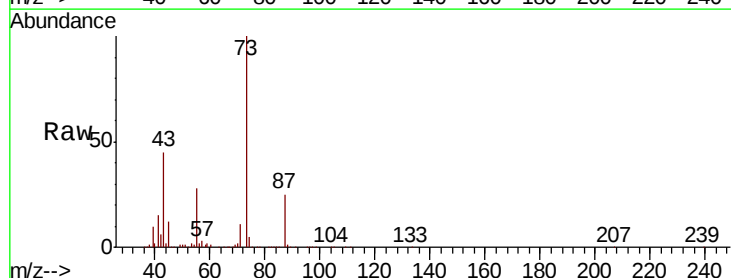
Tgt Ion: 88 Resp: 4485

Ion Ratio Lower Upper

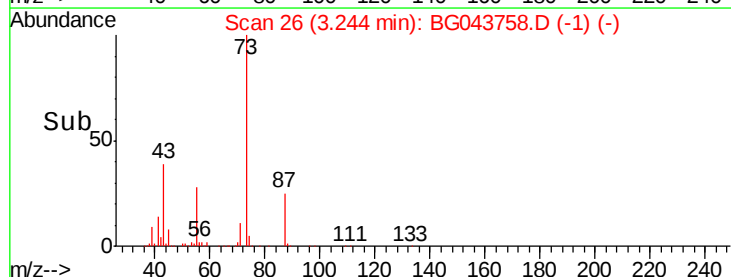
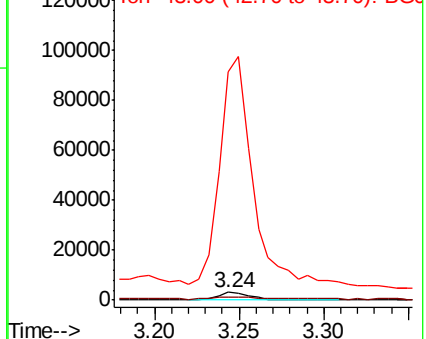
88 100

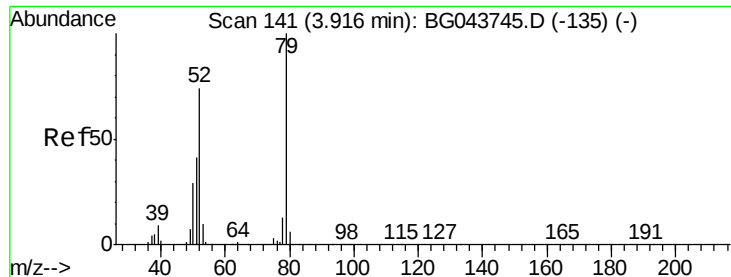
58 34.3 62.3 93.5#

43 3096.7 28.9 43.3#



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: 0.050 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.02 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

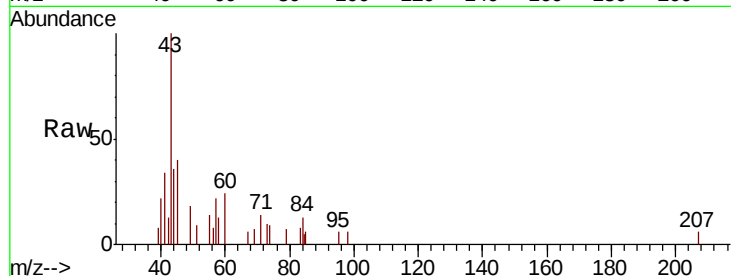
Tot Ion: 79 Resp: 131

Ion Ratio Lower Upper

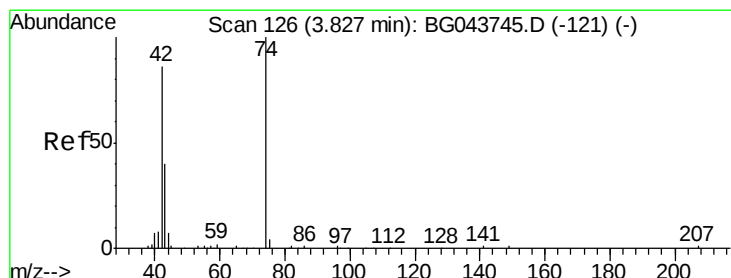
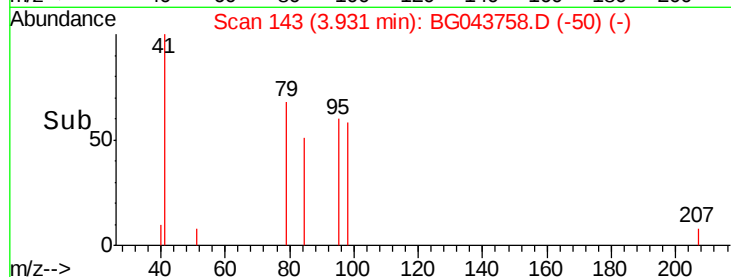
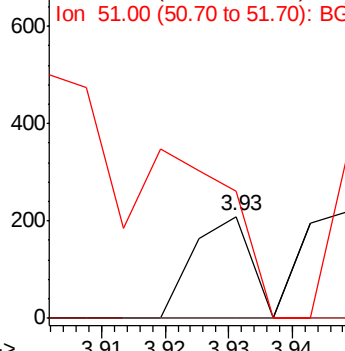
79 100

52 0.0 59.0 88.6#

51 124.9 32.9 49.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.401 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

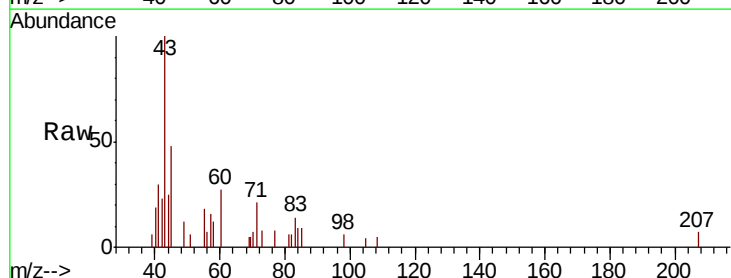
Tgt Ion: 42 Resp: 519

Ion Ratio Lower Upper

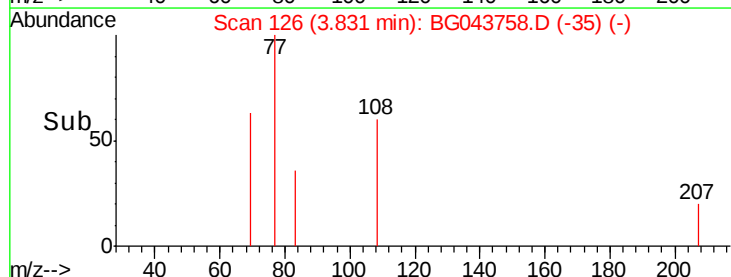
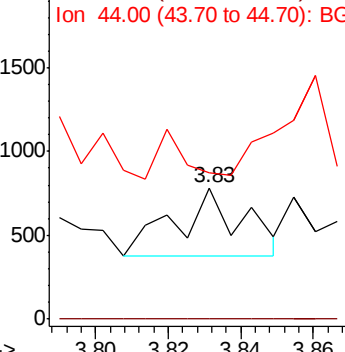
42 100

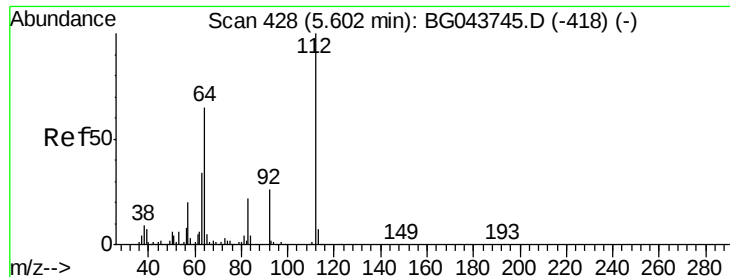
74 0.0 91.9 137.9#

44 111.4 9.1 13.7#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 170.471 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

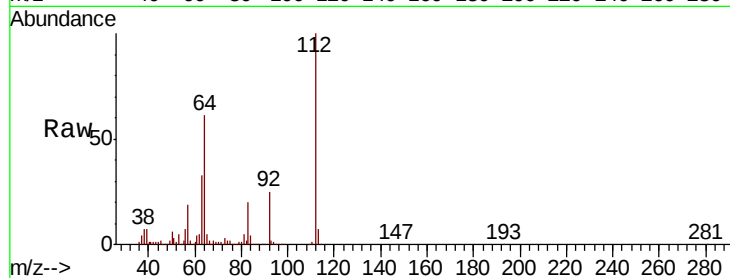
Tot Ion:112 Resp: 355843

Ion Ratio Lower Upper

112 100

64 60.9 51.7 77.5

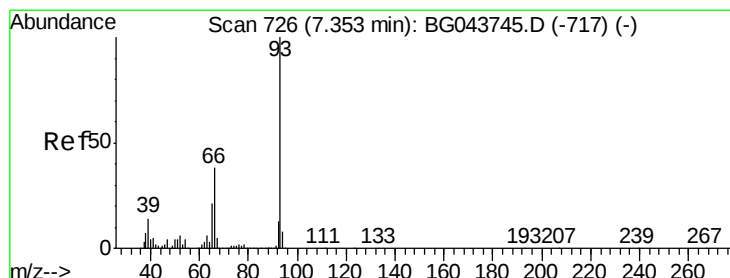
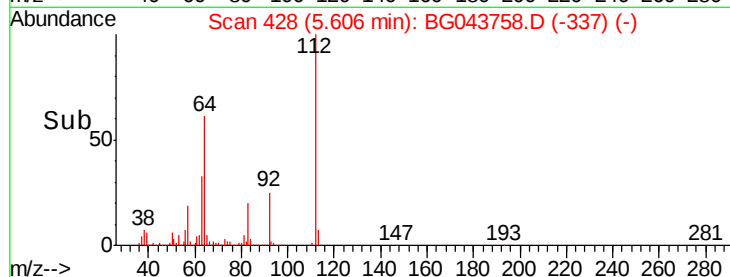
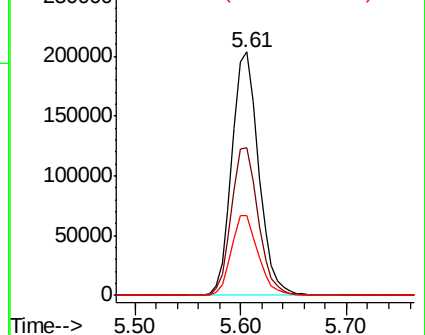
63 32.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.207 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

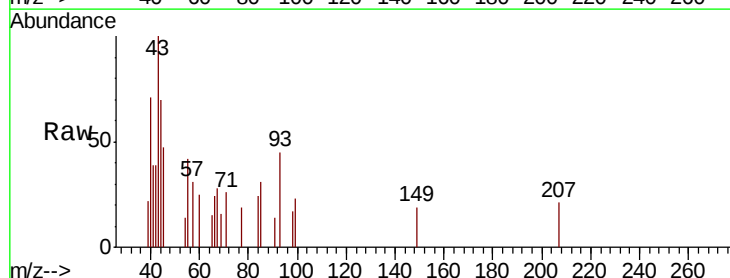
Tgt Ion: 93 Resp: 819

Ion Ratio Lower Upper

93 100

66 52.9 30.6 46.0#

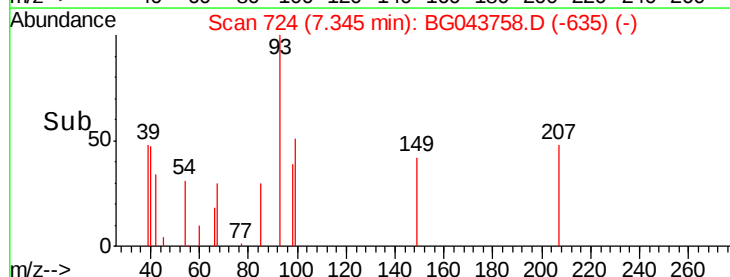
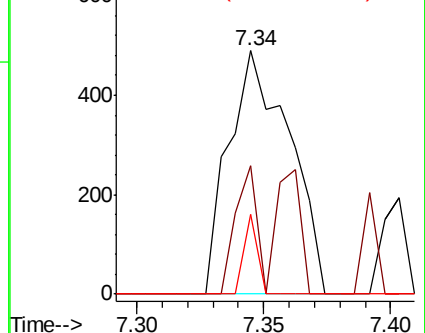
65 32.7 16.8 25.2#

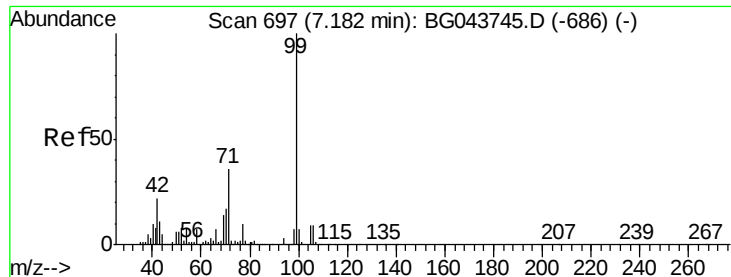


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 166.669 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampleId :

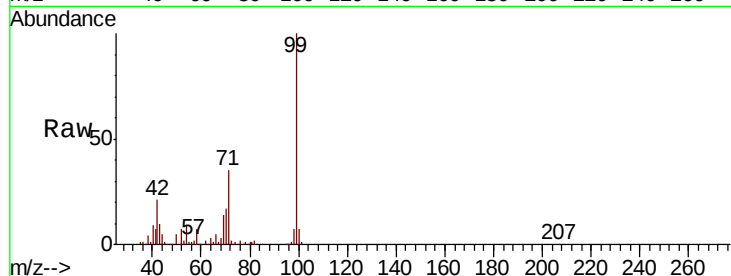
Tot Ion: 99 Resp: 505741

Ion Ratio Lower Upper

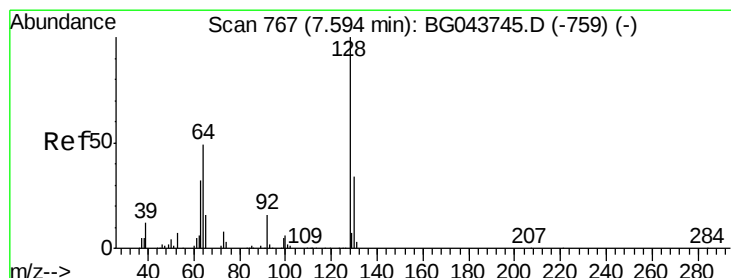
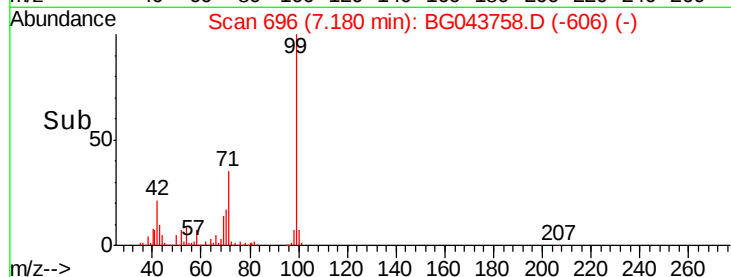
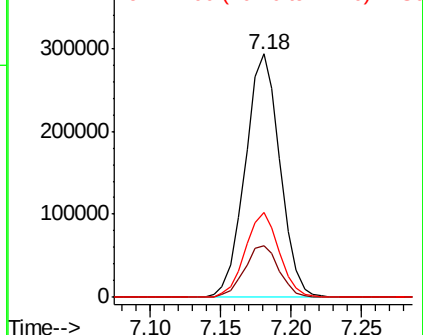
99 100

42 21.4 17.4 26.0

71 34.7 29.5 44.3



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: 0.040 ng

RT: 7.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

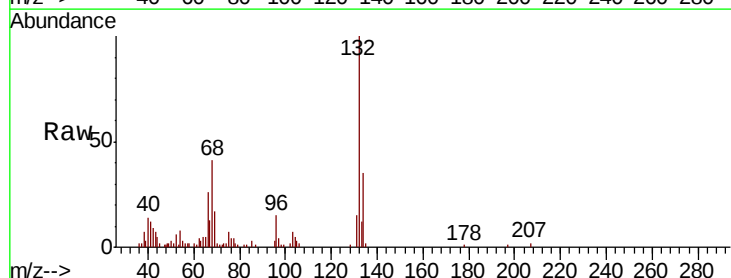
Tgt Ion: 128 Resp: 96

Ion Ratio Lower Upper

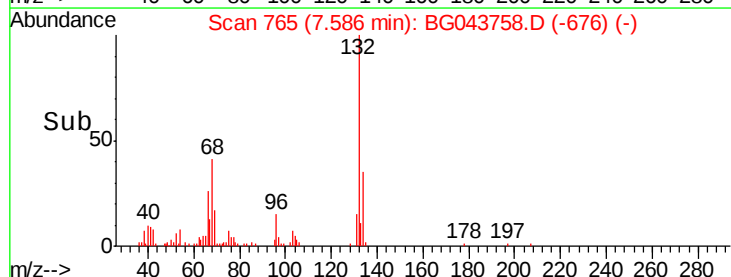
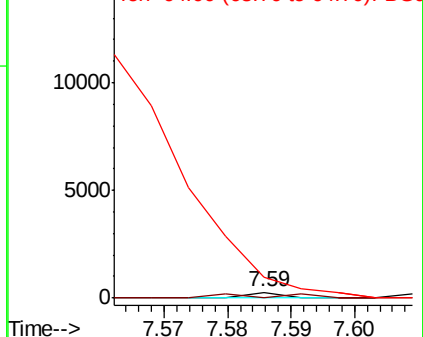
128 100

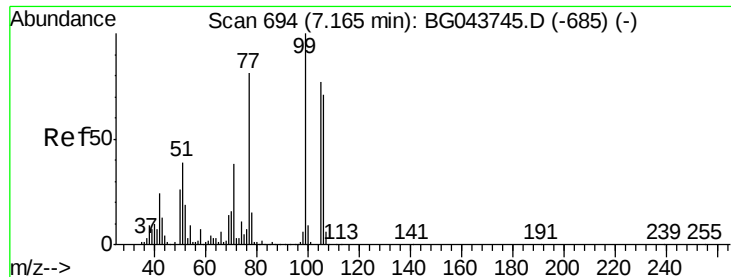
130 0.0 14.3 54.3#

64 362.9 34.5 74.5#



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





#9

Benzaldehyde

Concen: 0.573 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.02 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

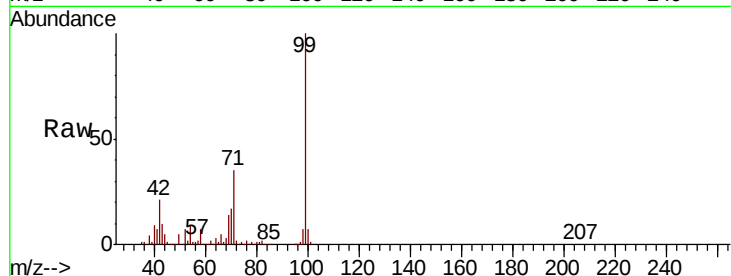
Tot Ion: 77 Resp: 1038

Ion Ratio Lower Upper

77 100

105 0.0 75.0 115.0#

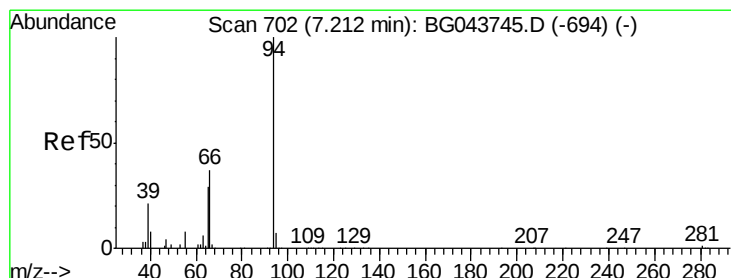
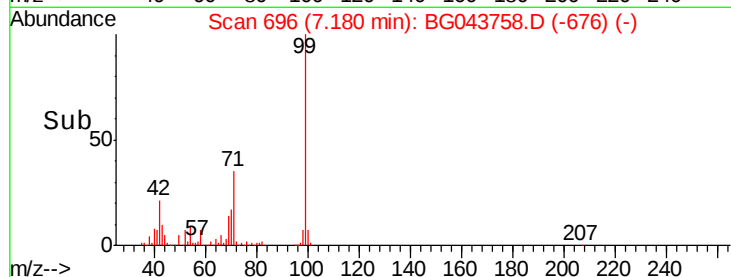
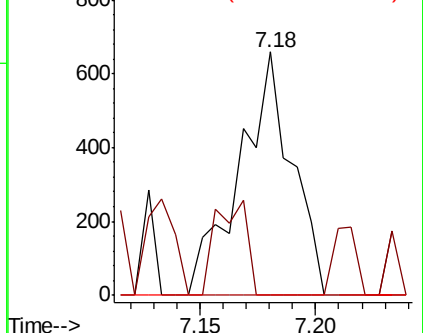
106 0.0 67.4 107.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.026 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

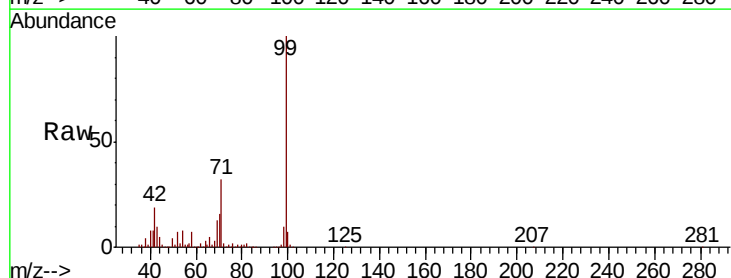
Tgt Ion: 94 Resp: 81

Ion Ratio Lower Upper

94 100

65 706.1 10.3 50.3#

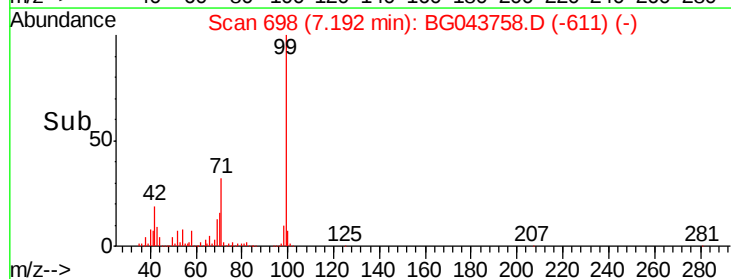
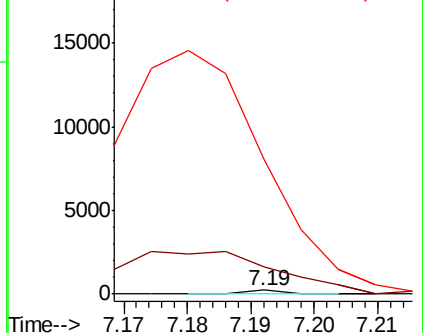
66 3481.0 20.5 60.5#

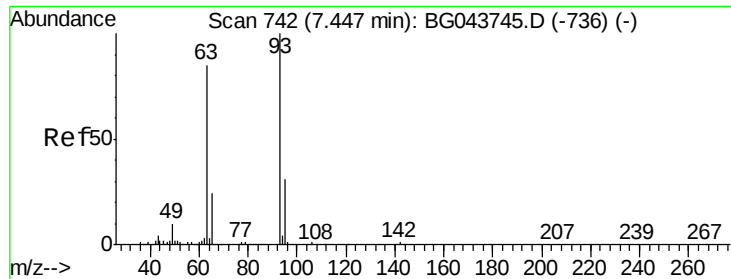


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

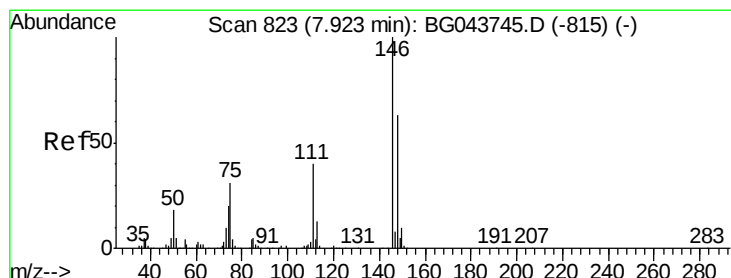
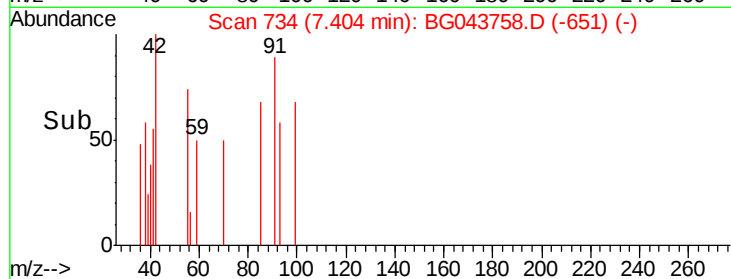
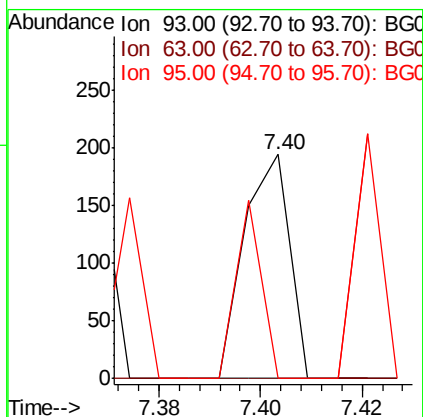
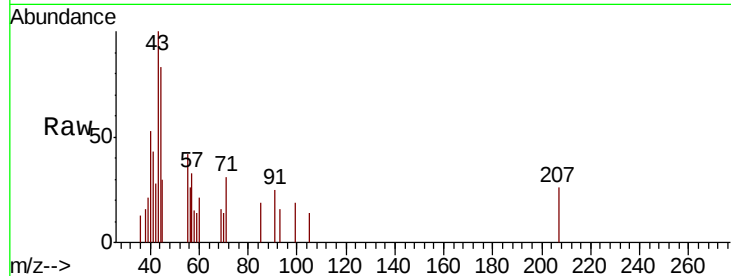




#11
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 7.40 min Scan# 734
Delta R.T. -0.04 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

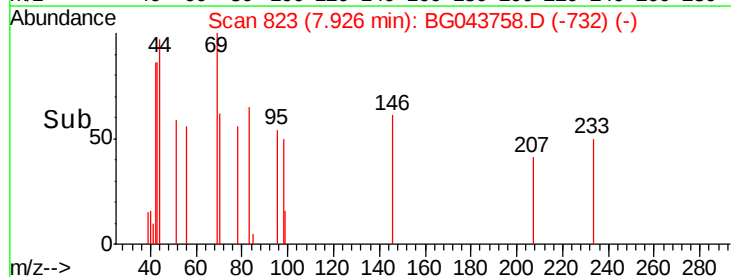
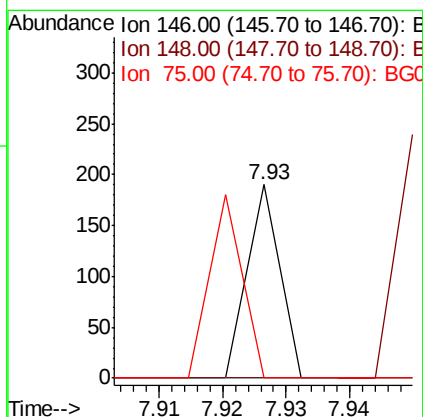
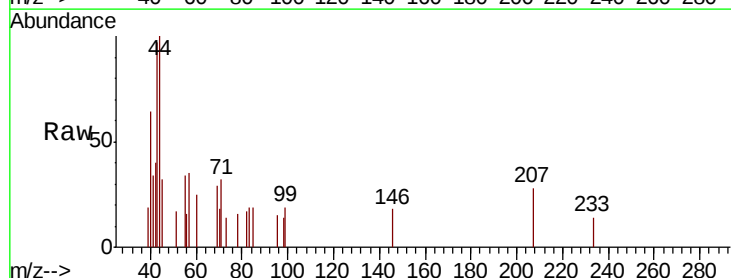
Instrument :
BNA_G
ClientSampled :

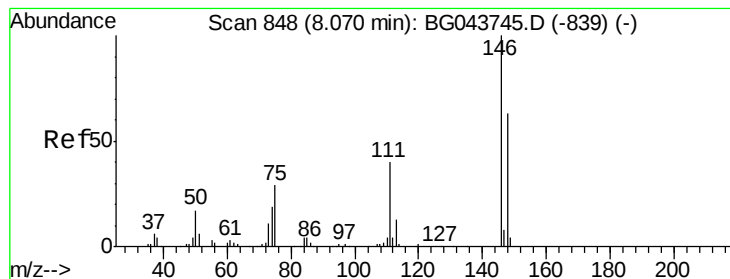
Tot Ion: 93 Resp: 121
Ion Ratio Lower Upper
93 100
63 0.0 64.4 104.4#
95 0.0 11.3 51.3#



#12
1,3-Dichlorobenzene
Concen: 0.024 ng
RT: 7.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion: 146 Resp: 67
Ion Ratio Lower Upper
146 100
148 0.0 50.6 75.8#
75 0.0 25.2 37.8#





#13

1,4-Dichlorobenzene

Concen: 0.019 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

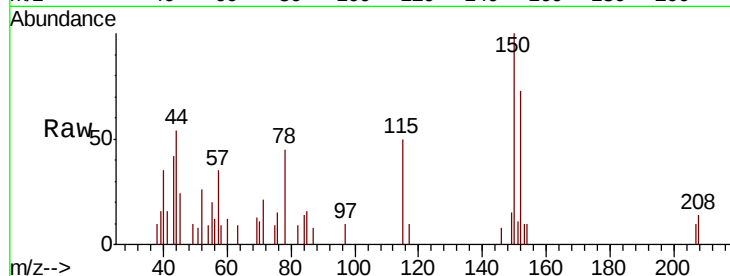
Tot Ion:146 Resp: 53

Ion Ratio Lower Upper

146 100

148 0.0 50.1 75.1#

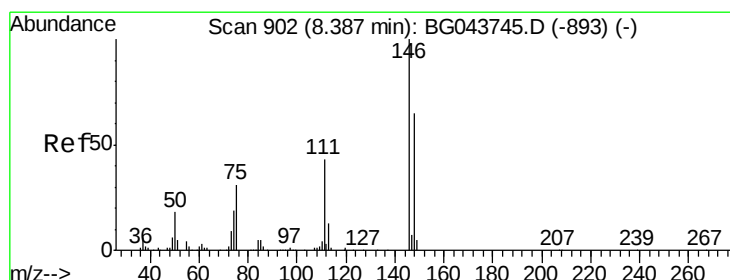
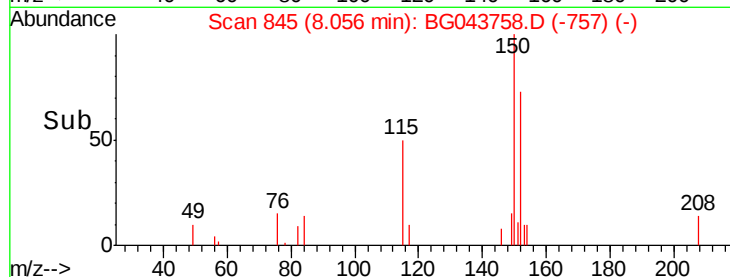
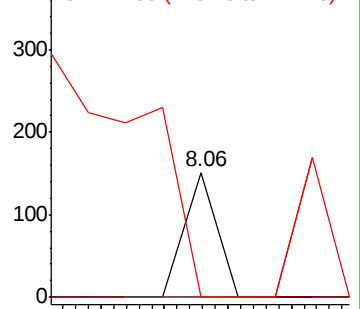
111 0.0 32.1 48.1#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.066 ng

RT: 8.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

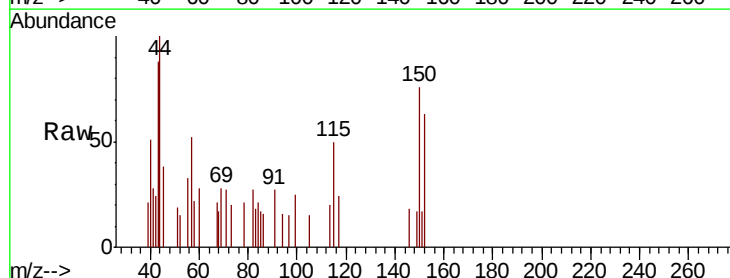
Tgt Ion:146 Resp: 176

Ion Ratio Lower Upper

146 100

148 0.0 52.1 78.1#

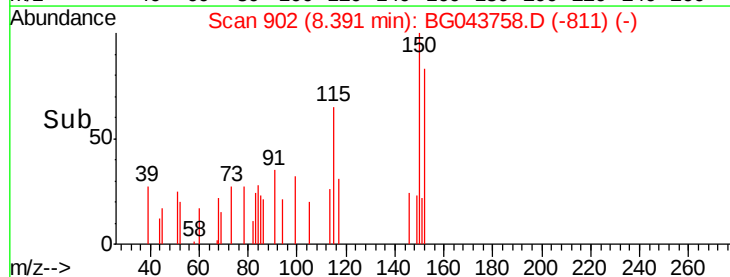
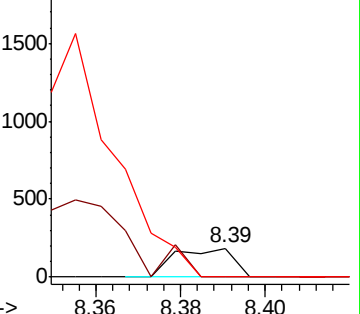
111 0.0 34.7 52.1#

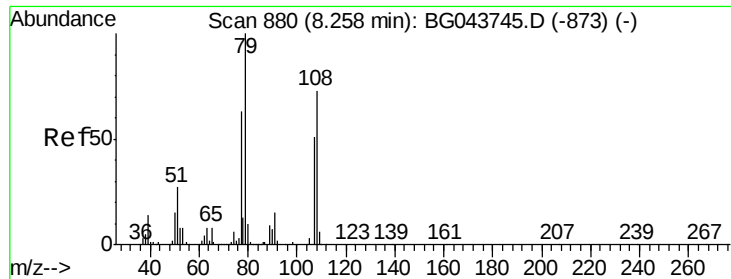


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.099 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.10 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

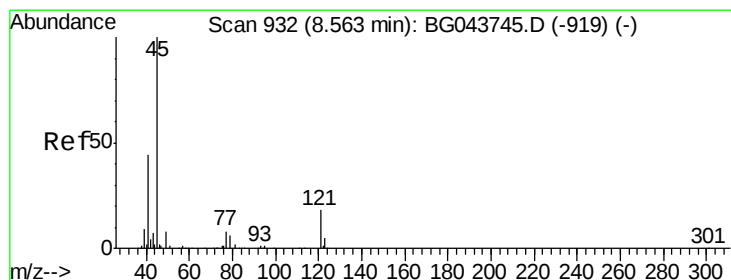
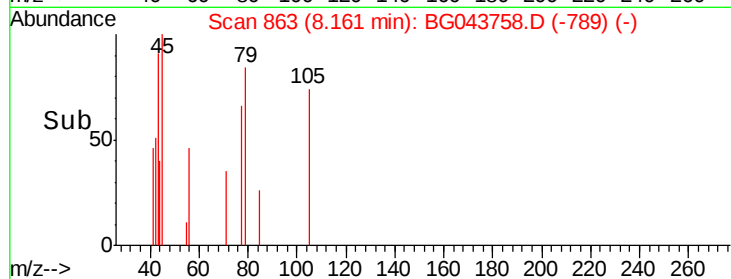
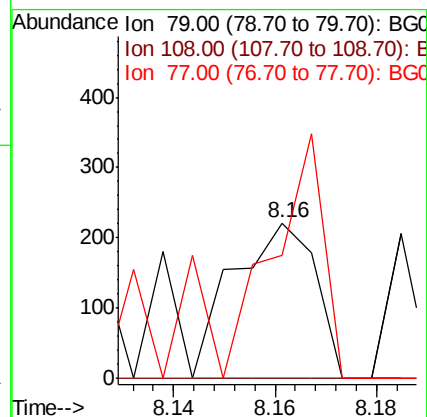
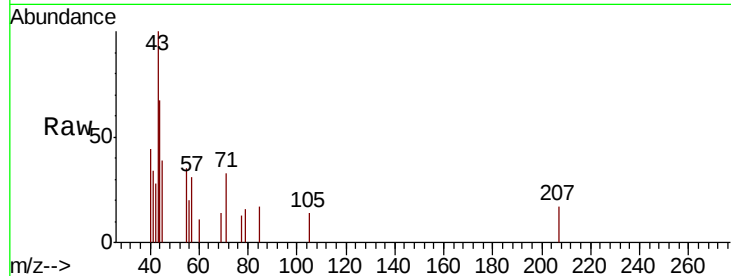
Tot Ion: 79 Resp: 251

Ion Ratio Lower Upper

79 100

108 0.0 58.2 87.2#

77 78.7 50.2 75.4#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.042 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.02 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

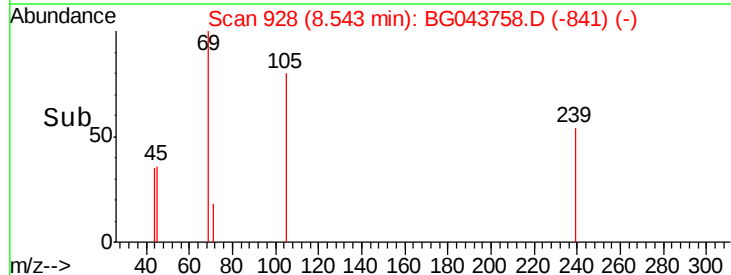
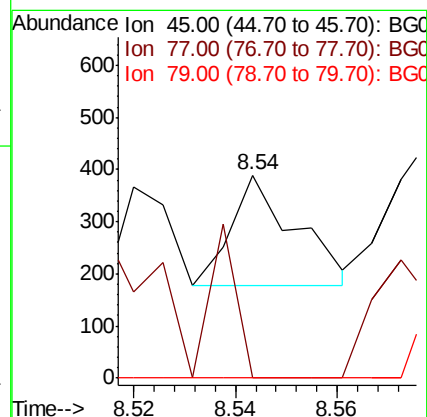
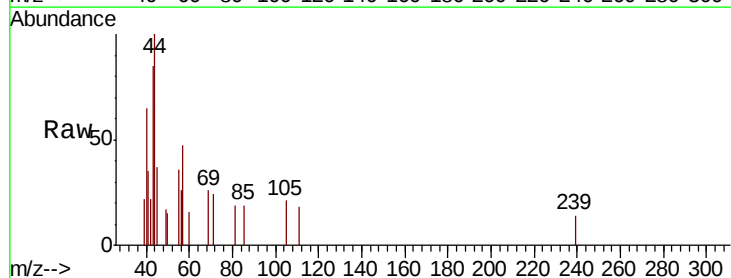
Tgt Ion: 45 Resp: 187

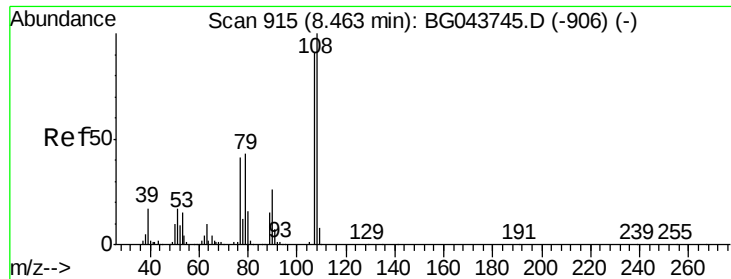
Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.2

79 0.0 0.0 29.9





#17

2-Methylphenol

Concen: 0.033 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.09 min

Lab File: BG043758.D

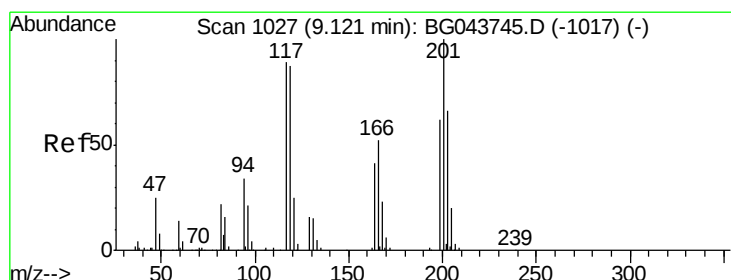
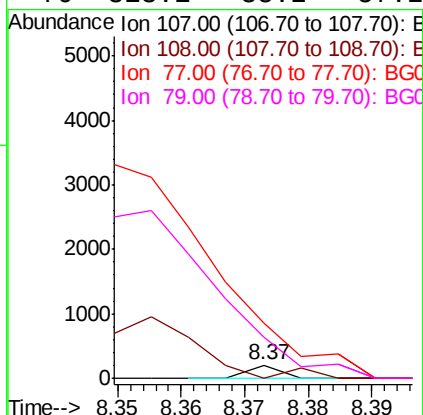
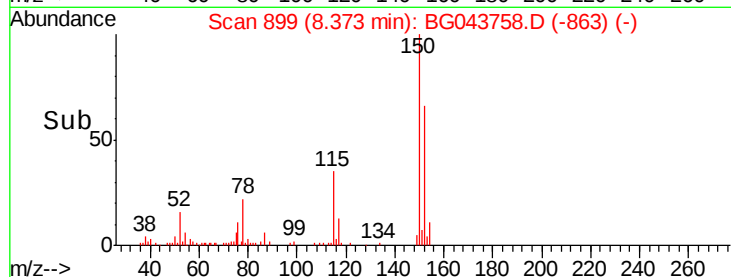
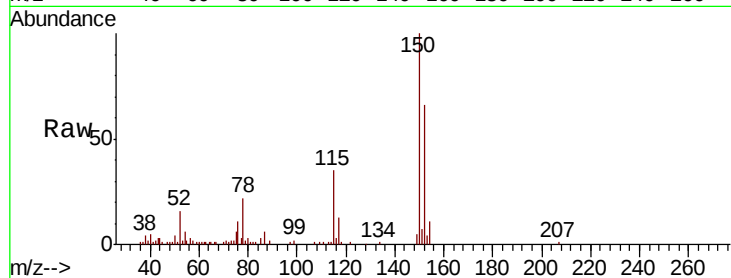
Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	73
Ion	Ratio	Lower	Upper
107	100		
108	0.0	88.0	132.0#
77	415.0	35.9	53.9#
79	313.1	38.2	57.2#



#18

Hexachloroethane

Concen: 0.086 ng

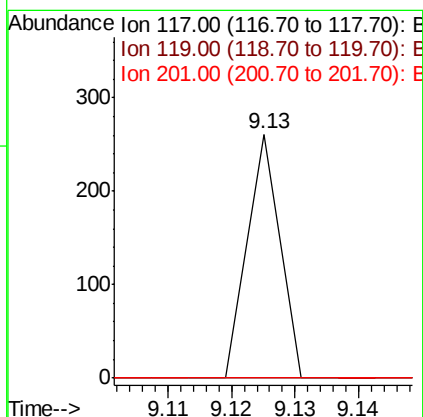
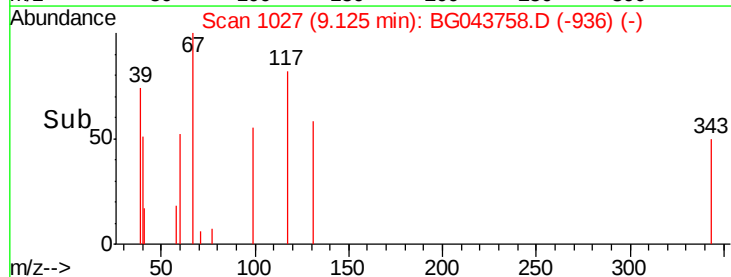
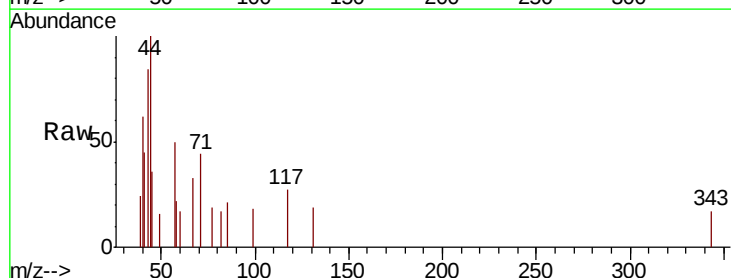
RT: 9.13 min Scan# 1027

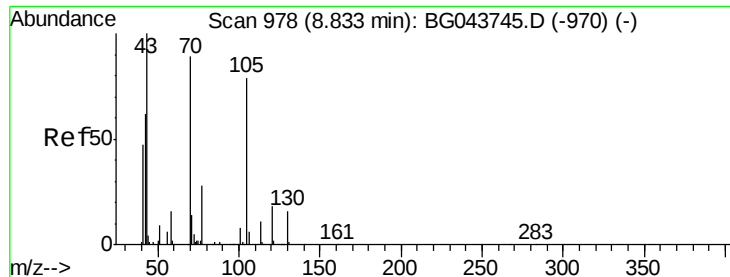
Delta R.T. 0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Tgt Ion:	117	Resp:	92
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.7	116.5#
201	0.0	89.4	134.0#

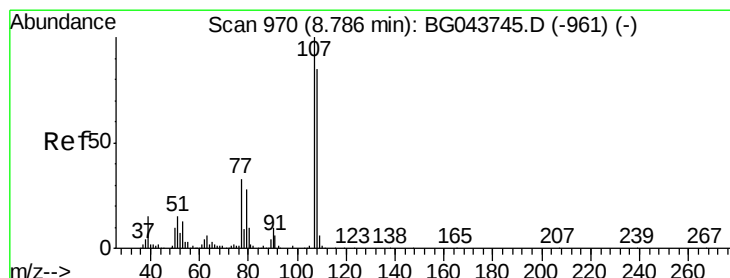
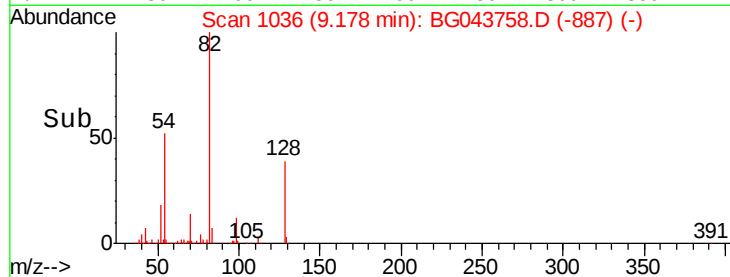
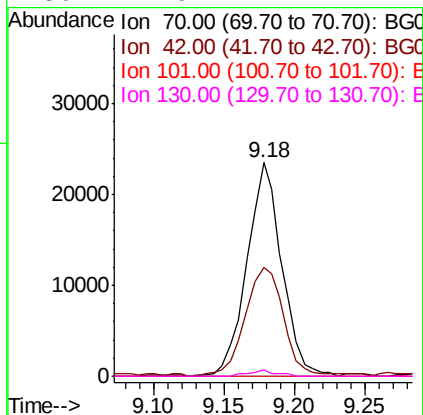
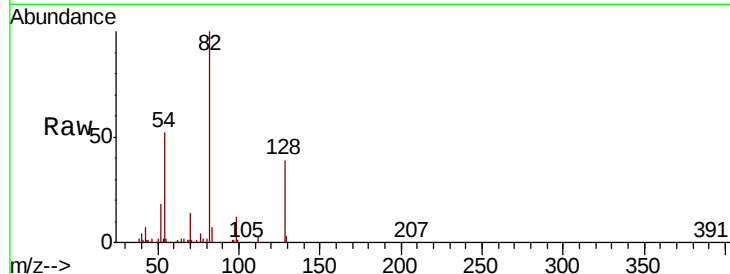




#19
n-Nitroso-di-n-propylamine
Concen: 17.087 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.34 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

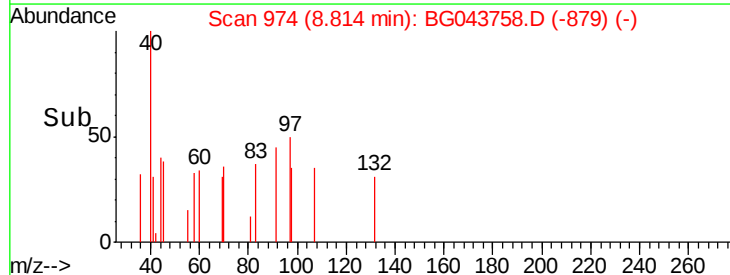
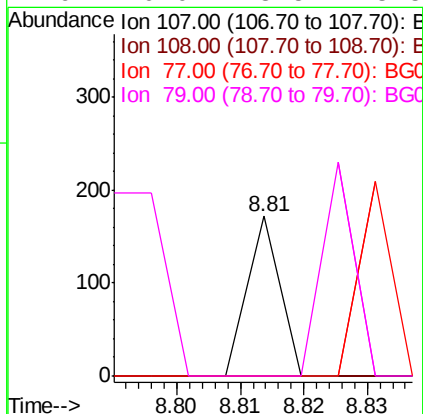
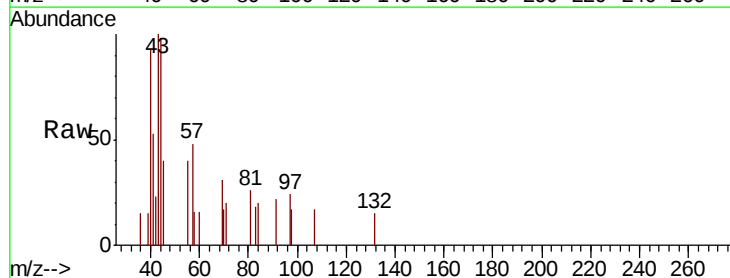
Instrument :
BNA_G
ClientSampleId :

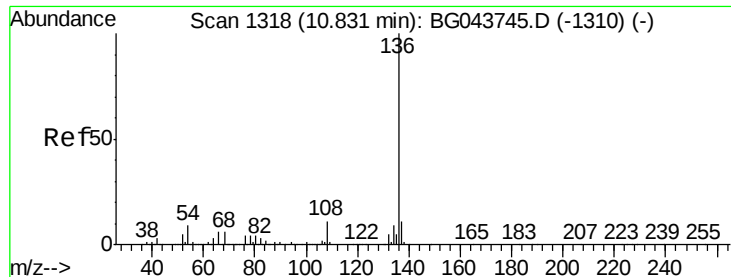
Tot Ion: 70 Resp: 40774
Ion Ratio Lower Upper
70 100
42 51.2 56.4 84.6#
101 0.0 6.7 10.1#
130 2.9 14.7 22.1#



#20
3+4-Methylphenols
Concen: 0.020 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.03 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion: 107 Resp: 61
Ion Ratio Lower Upper
107 100
108 0.0 64.6 104.6#
77 0.0 13.7 53.7#
79 0.0 8.5 48.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 174155

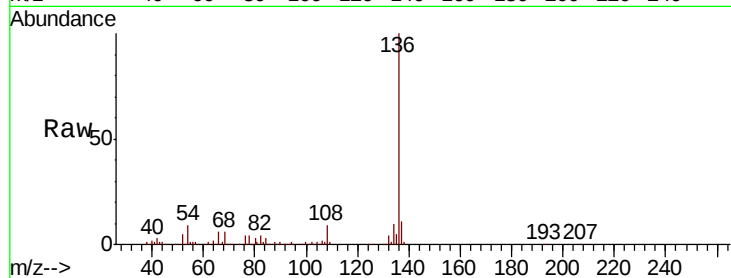
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.4 7.5 11.3

68 5.9 4.9 7.3

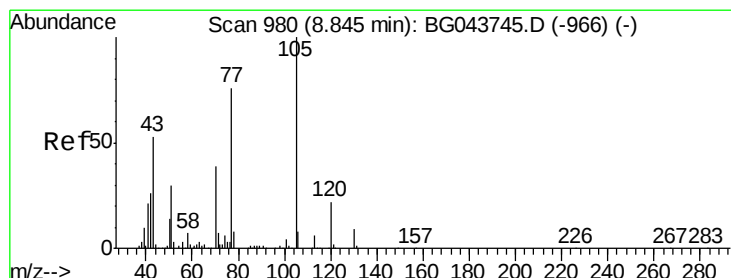
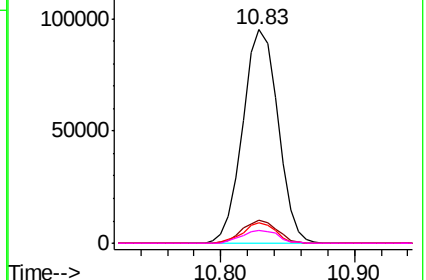
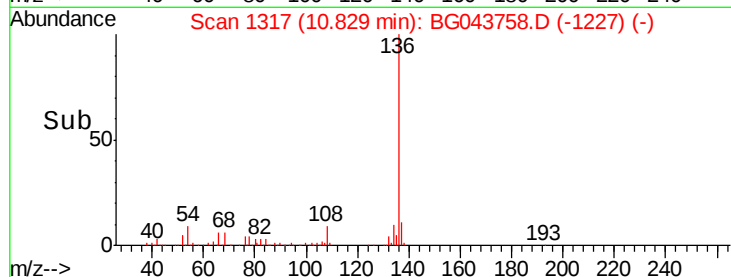


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.090 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Tgt Ion:105 Resp: 417

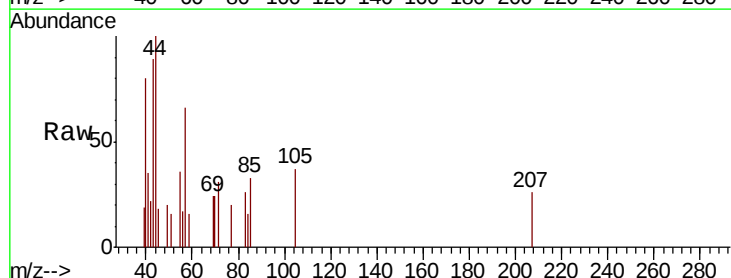
Ion Ratio Lower Upper

105 100

71 85.2 6.3 9.5#

51 43.0 24.7 37.1#

120 0.0 17.7 26.5#

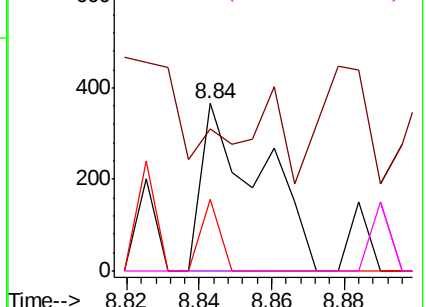
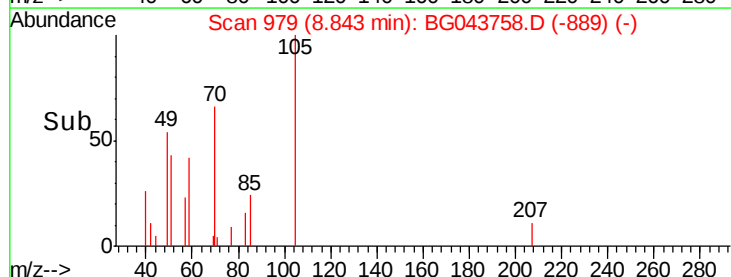


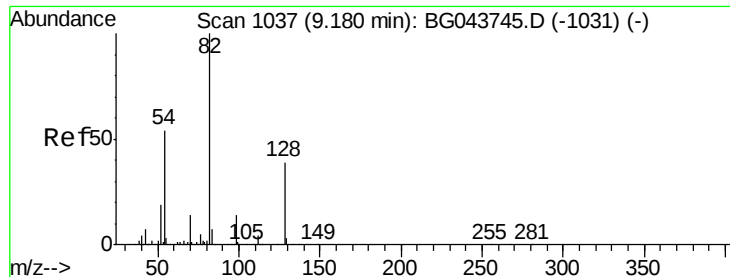
Abundance Ion 105.00 (104.70 to 105.70): E

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

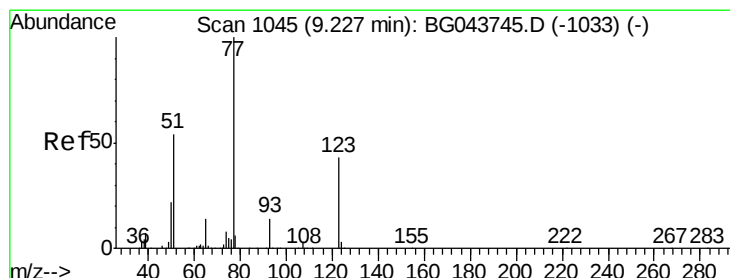
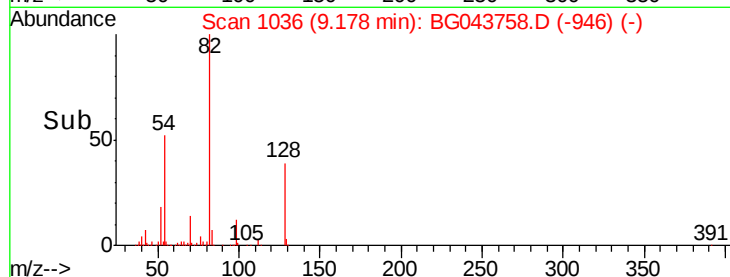
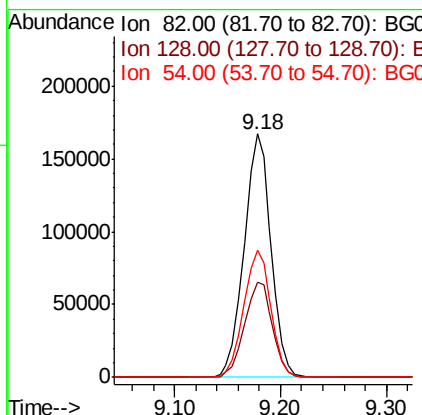
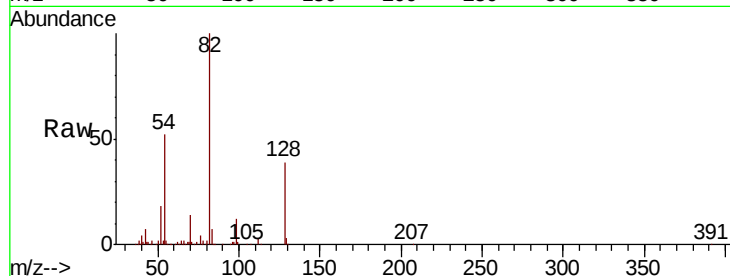




#23
Nitrobenzene-d5
Concen: 92.910 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

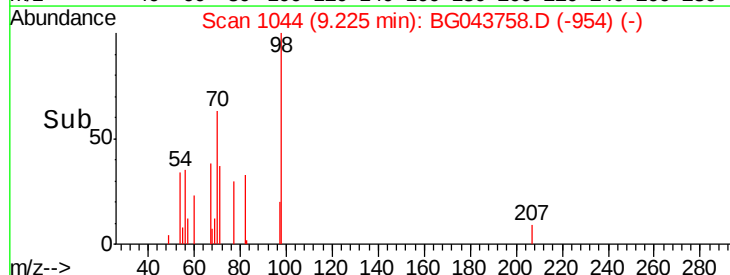
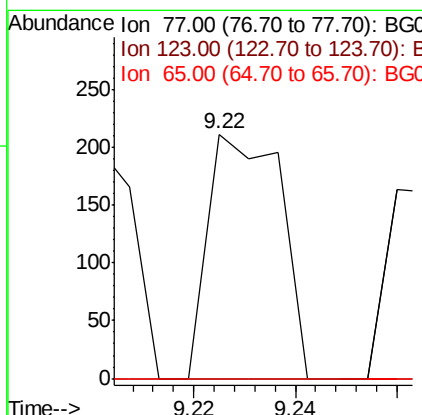
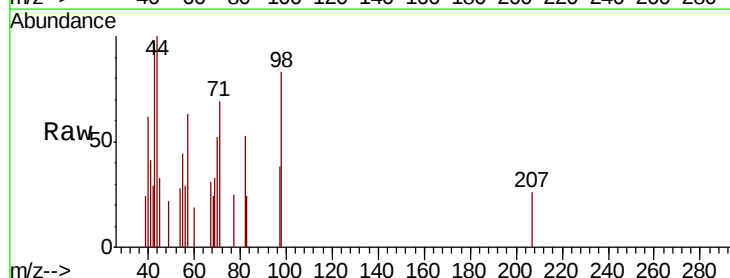
Instrument :
BNA_G
ClientSampled :

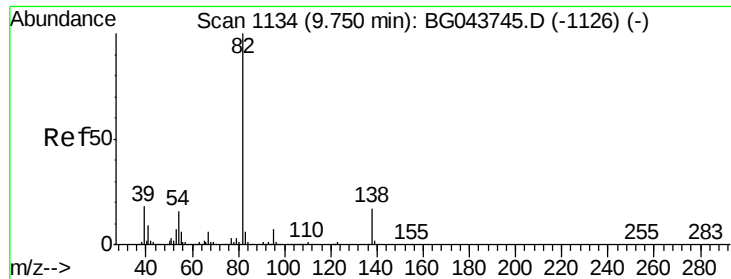
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	52.2	42.7	64.1



#24
Nitrobenzene
Concen: 0.064 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.7	52.1#
65	0.0	11.0	16.6#





#25

Isophorone

Concen: 0.047 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

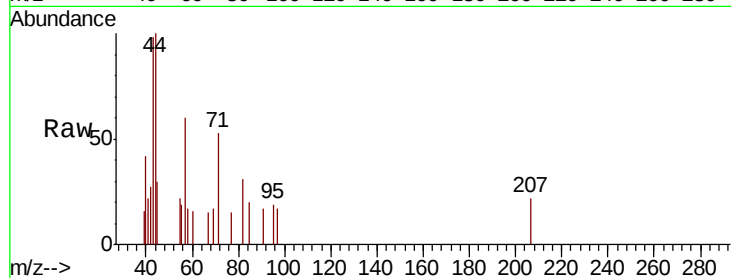
Tot Ion: 82 Resp: 319

Ion Ratio Lower Upper

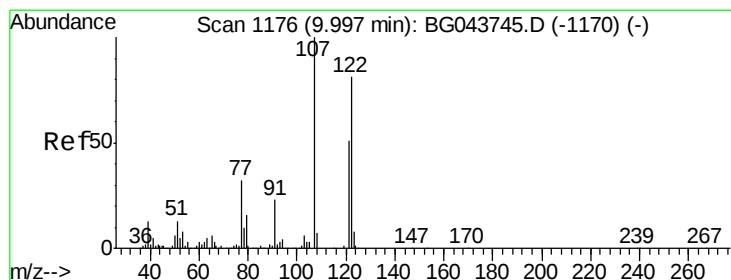
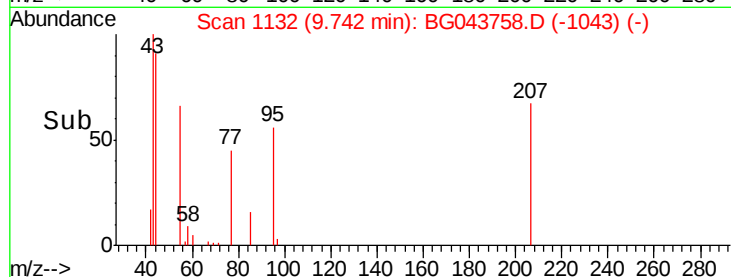
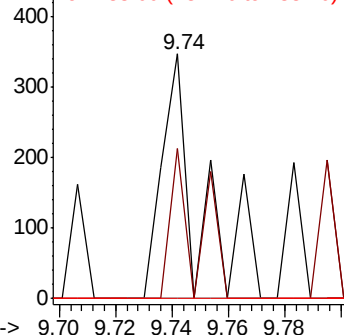
82 100

95 61.4 5.9 8.9#

138 0.0 13.3 19.9#



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



#27

2,4-Dimethylphenol

Concen: 0.023 ng

RT: 10.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

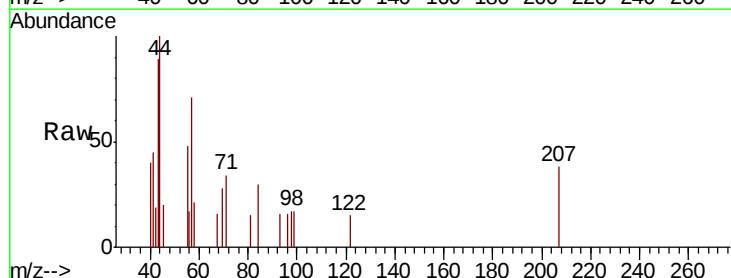
Tgt Ion: 122 Resp: 54

Ion Ratio Lower Upper

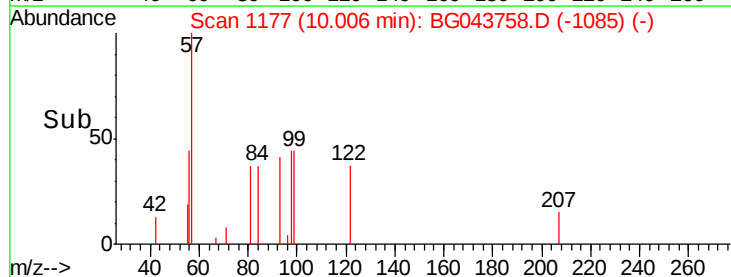
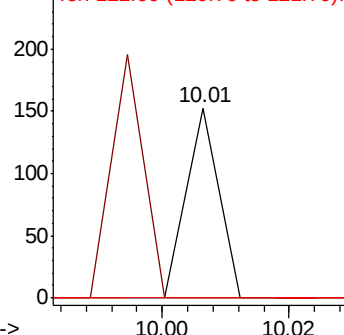
122 100

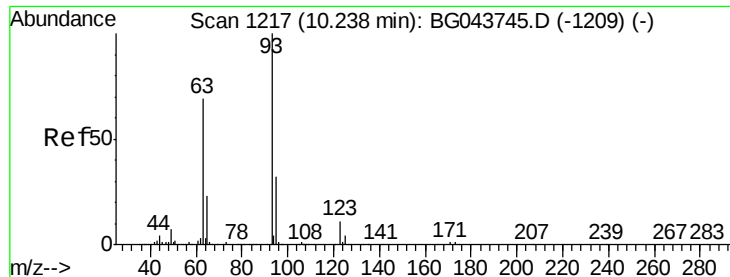
107 0.0 98.5 147.7#

121 100.0 49.6 74.4#



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





#28

bis(2-Chloroethoxy)methane

Concen: 0.015 ng

RT: 10.18 min Scan# 1206

Delta R.T. -0.06 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

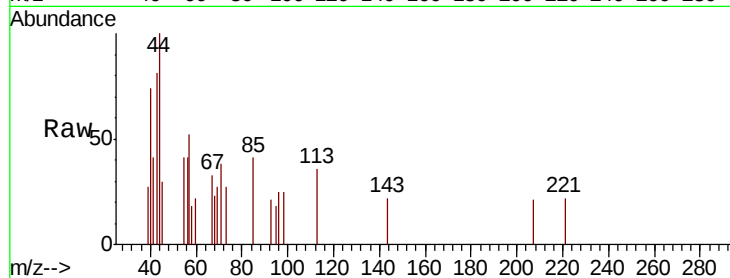
Tot Ion: 93 Resp: 61

Ion Ratio Lower Upper

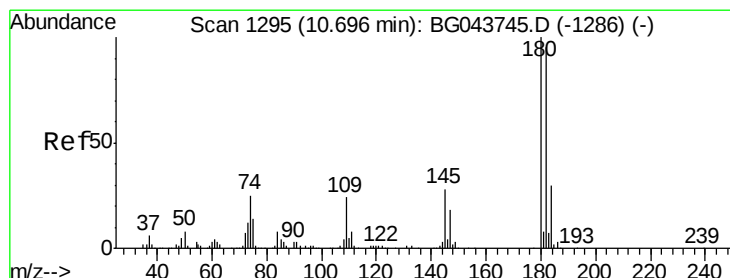
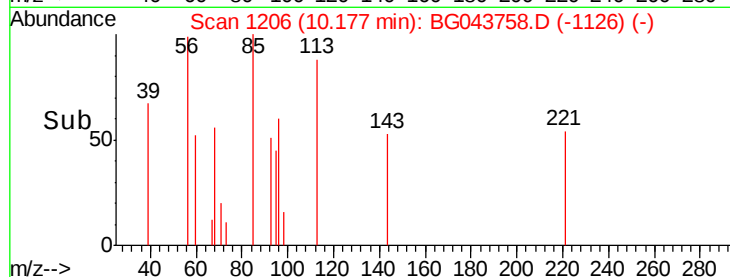
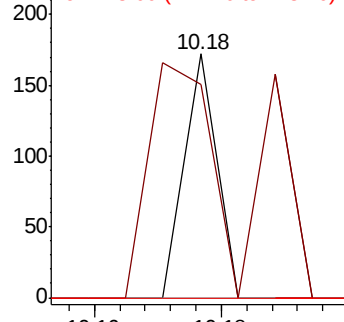
93 100

95 87.8 26.0 39.0#

123 0.0 8.7 13.1#



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



#30

1,2,4-Trichlorobenzene

Concen: 0.038 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

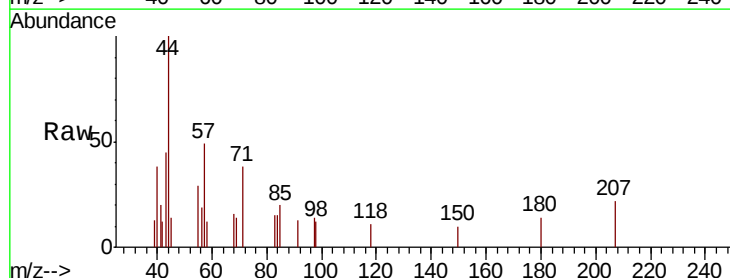
Tgt Ion: 180 Resp: 125

Ion Ratio Lower Upper

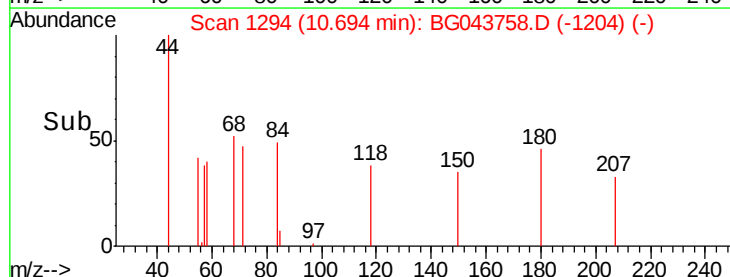
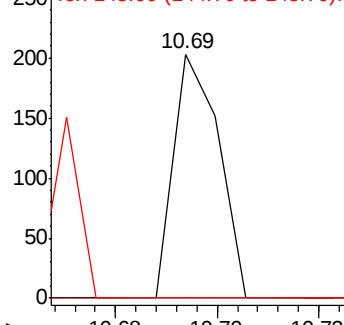
180 100

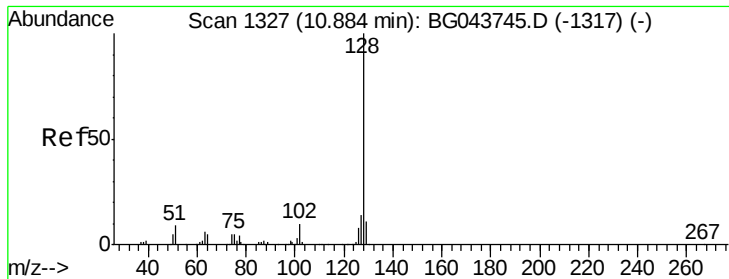
182 0.0 75.8 113.6#

145 0.0 22.5 33.7#



Abundance Ion 180.00 (179.70 to 180.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 145.00 (144.70 to 145.70): BGC





#31

Naphthalene

Concen: 0.054 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

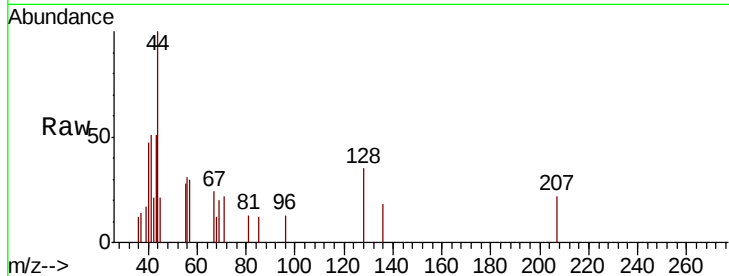
Tot Ion:128 Resp: 470

Ion Ratio Lower Upper

128 100

129 0.0 9.1 13.7#

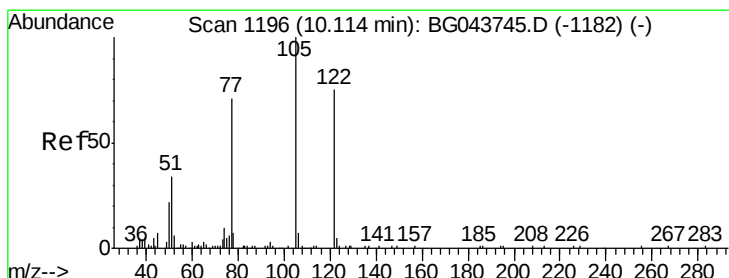
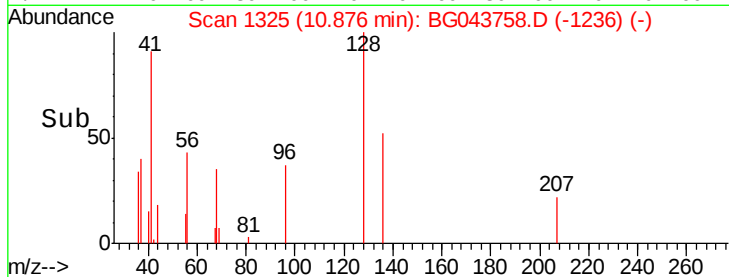
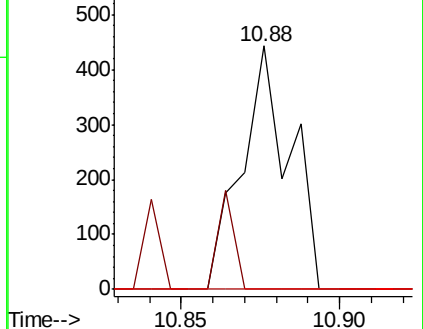
127 0.0 11.4 17.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.032 ng

RT: 10.01 min Scan# 1177

Delta R.T. -0.11 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

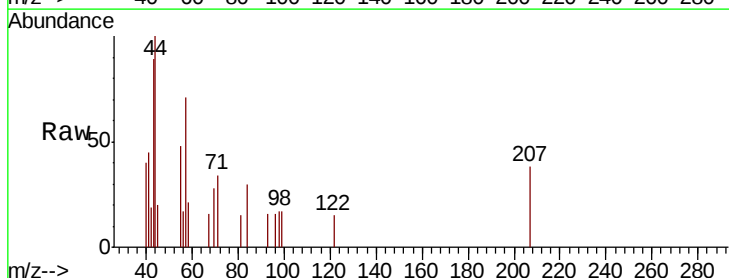
Tgt Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 109.3 149.3#

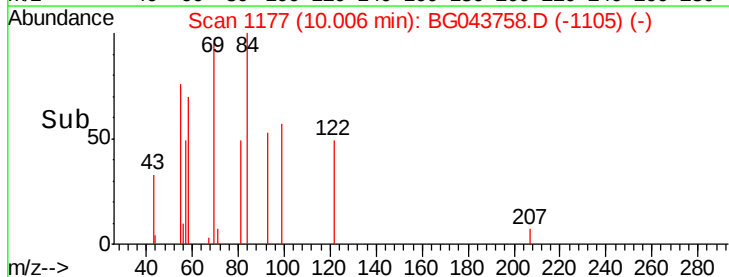
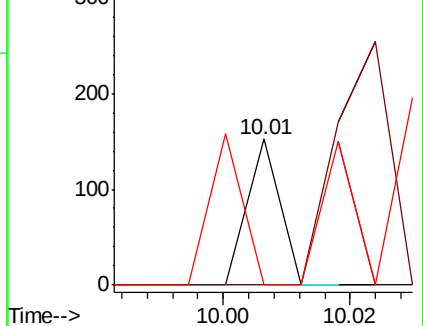
77 0.0 76.1 116.1#

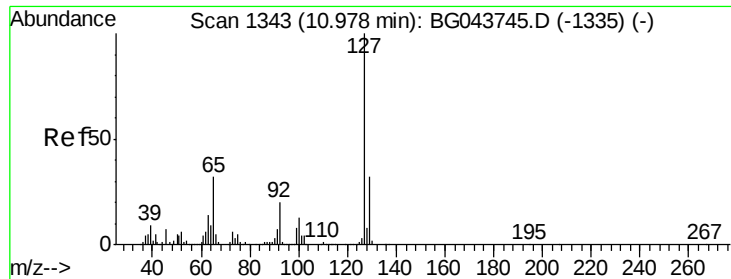


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

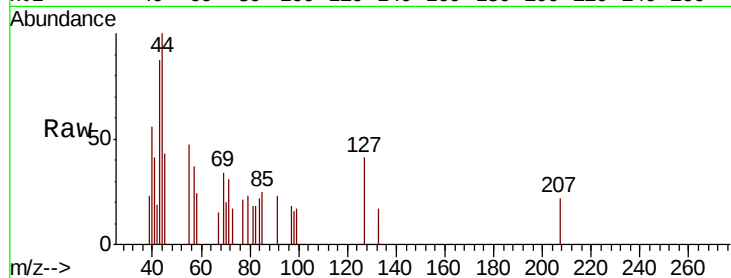




#33
4-Chloroaniline
Concen: 0.119 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	494
Ion	Ratio	Lower Upper
127	100	
129	0.0	25.9 38.9#
65	0.0	25.8 38.8#
92	0.0	15.8 23.6#



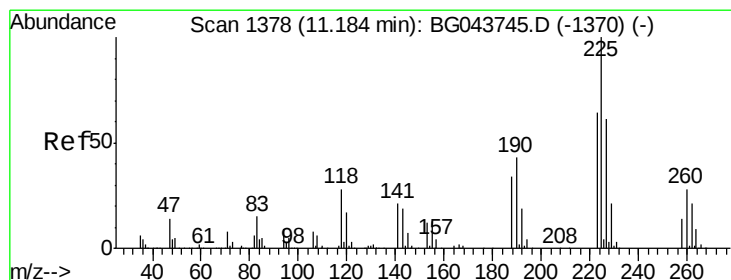
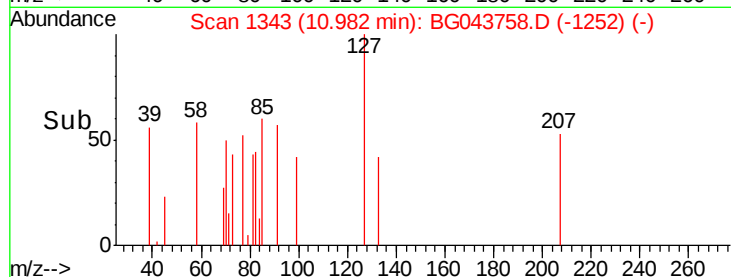
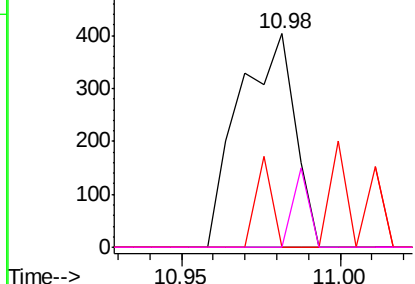
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

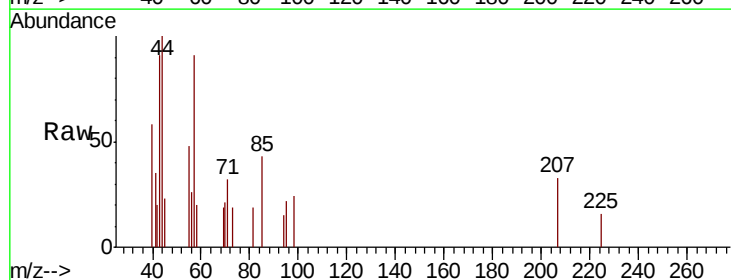
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 0.028 ng
RT: 11.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion:225	Resp:	60
Ion	Ratio	Lower Upper
225	100	
223	0.0	51.2 76.8#
227	0.0	51.0 76.4#

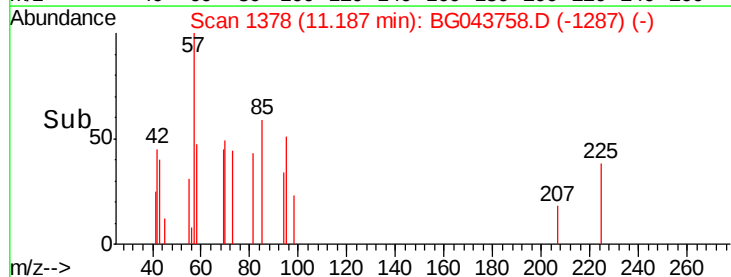
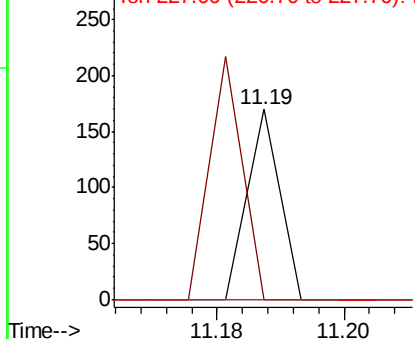


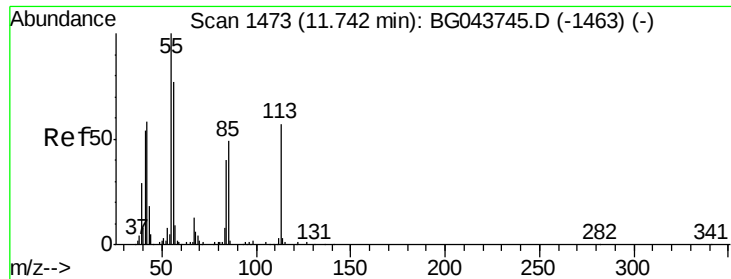
Abundance

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

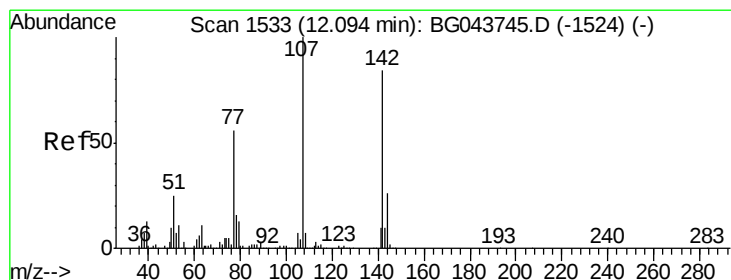
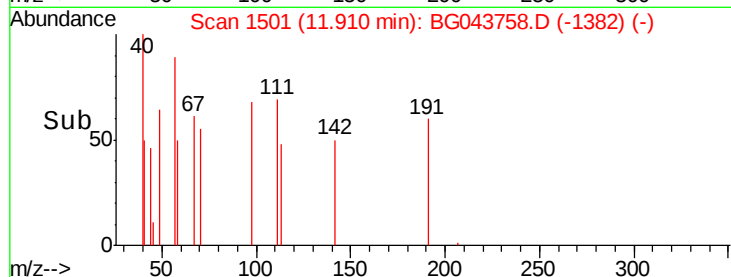
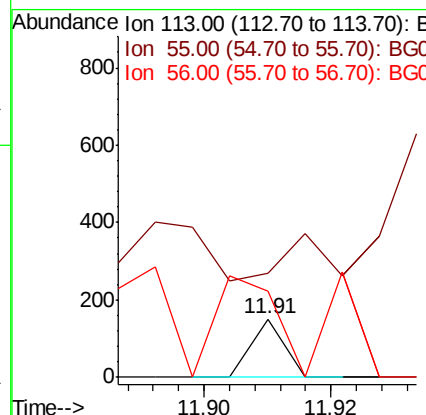
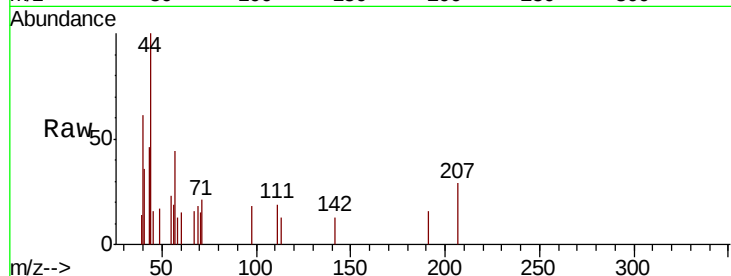




#35
Caprolactam
Concen: 0.046 ng
RT: 11.91 min Scan# 1501
Delta R.T. 0.17 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

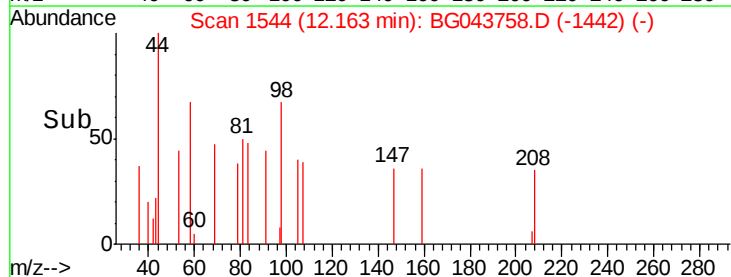
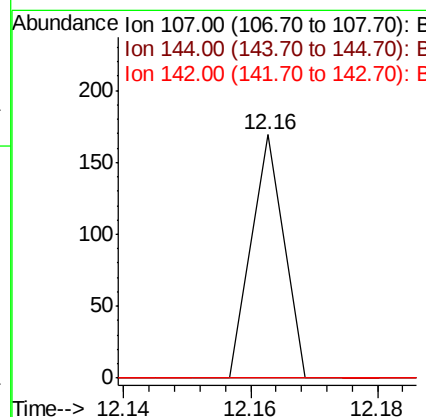
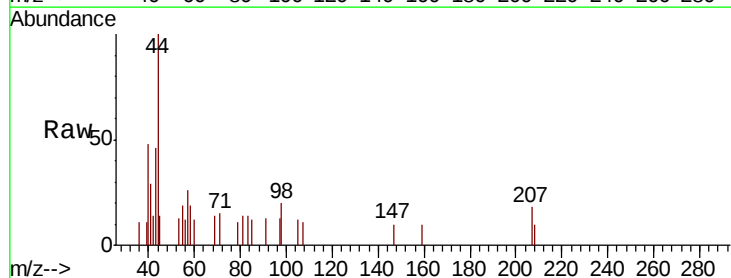
Instrument :
BNA_G
ClientSampleId :

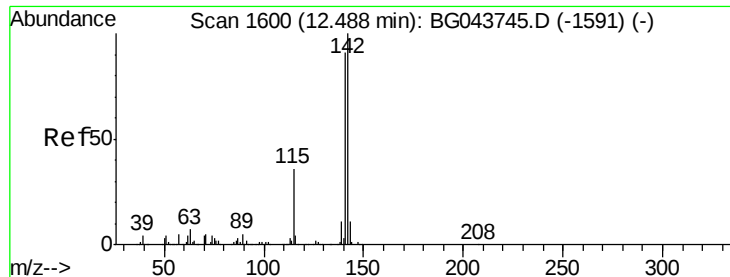
Tot Ion:113 Resp: 53
Ion Ratio Lower Upper
113 100
55 180.0 160.9 200.9
56 148.7 116.8 156.8



#36
4-Chloro-3-methylphenol
Concen: 0.019 ng
RT: 12.16 min Scan# 1544
Delta R.T. 0.07 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion:107 Resp: 60
Ion Ratio Lower Upper
107 100
144 0.0 21.0 31.4#
142 0.0 67.0 100.4#

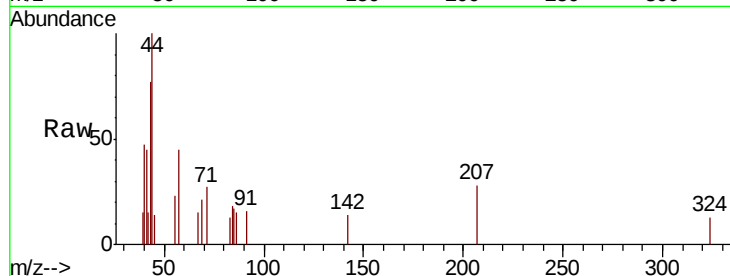




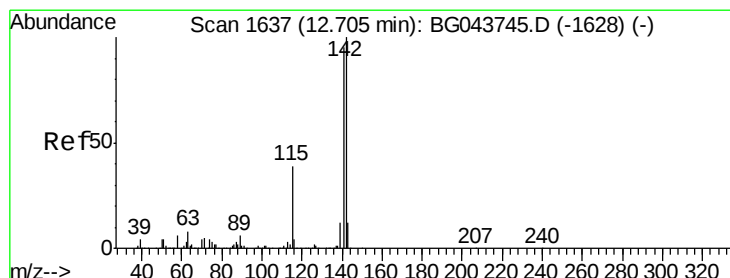
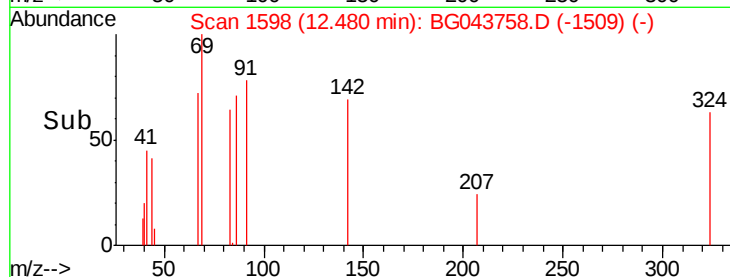
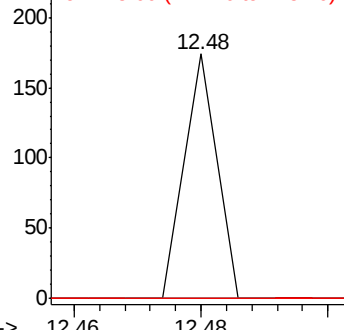
#37
2-Methylnaphthalene
Concen: 0.009 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.8	109.2#
115	0.0	28.9	43.3#

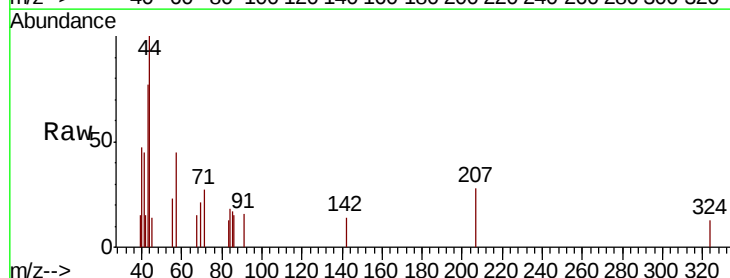


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

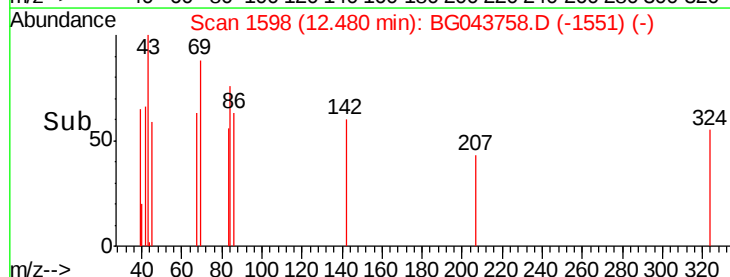
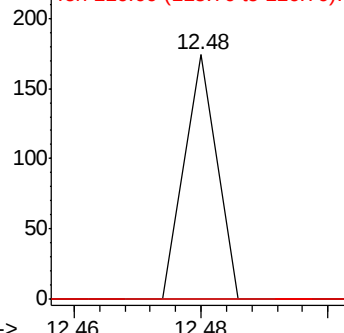


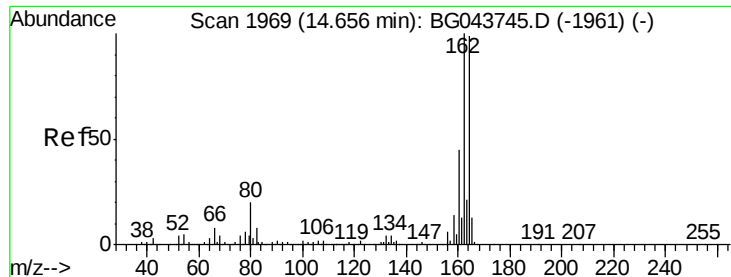
#38
1-Methylnaphthalene
Concen: 0.010 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.23 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	75.8	113.8#
116	0.0	3.4	5.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampleId :

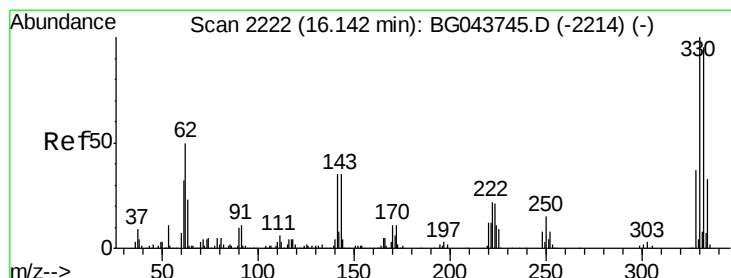
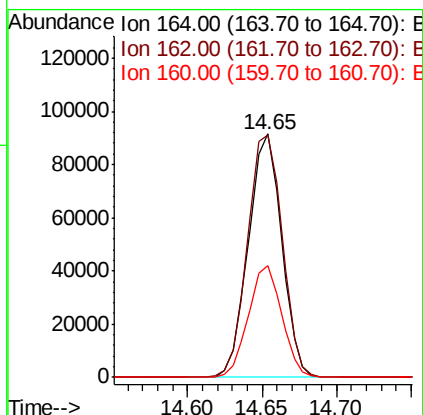
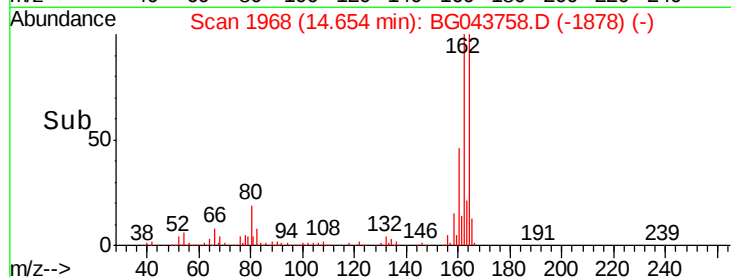
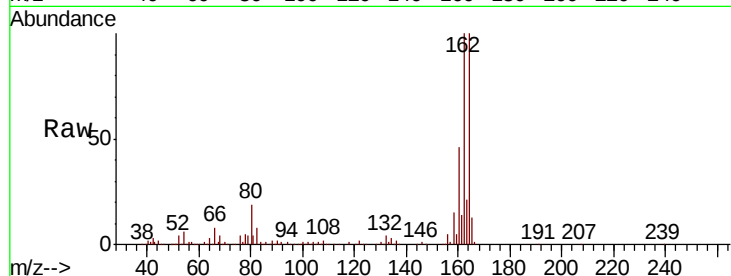
Tot Ion:164 Resp: 140950

Ion Ratio Lower Upper

164 100

162 99.5 80.6 121.0

160 45.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 180.023 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

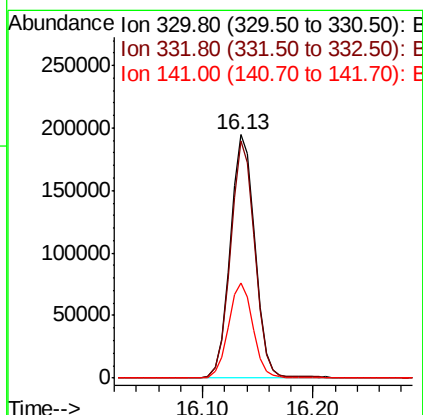
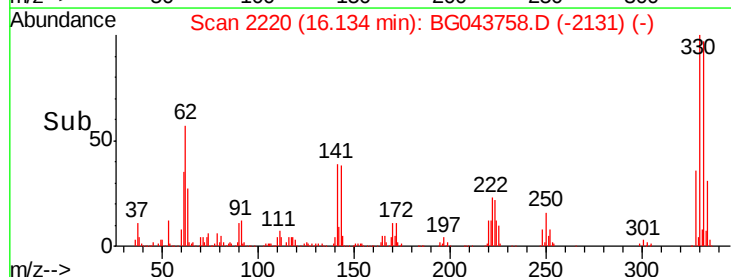
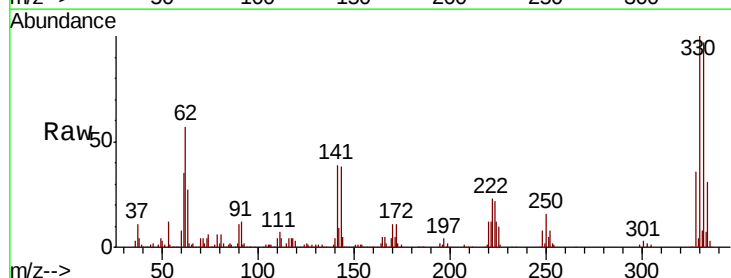
Tgt Ion:330 Resp: 306051

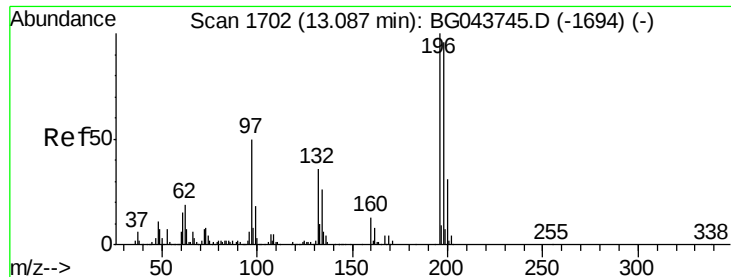
Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 39.0 31.4 47.2

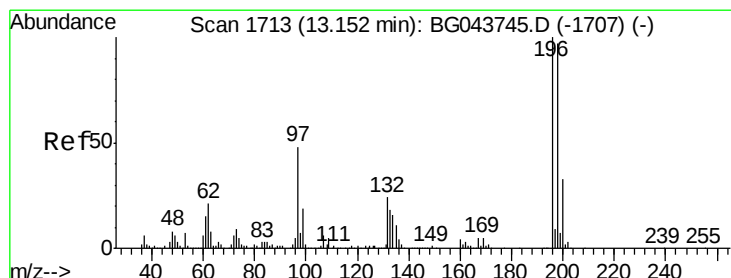
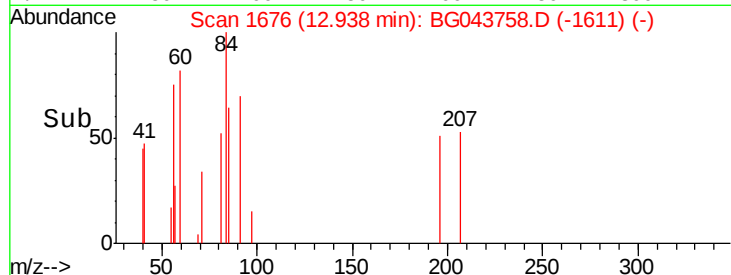
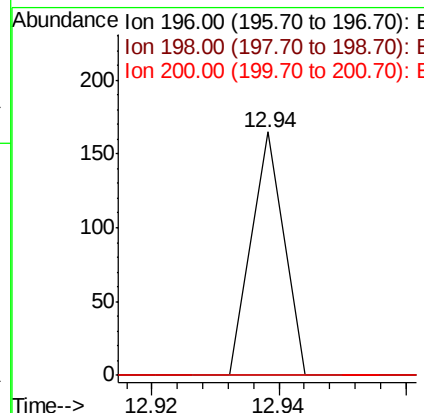
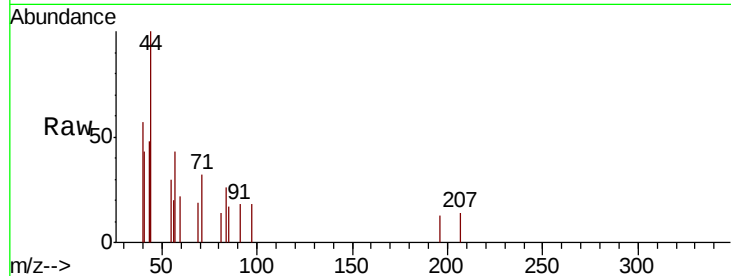




#43
 2,4,6-Trichlorophenol
 Concen: 0.020 ng
 RT: 12.94 min Scan# 1676
 Delta R.T. -0.15 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

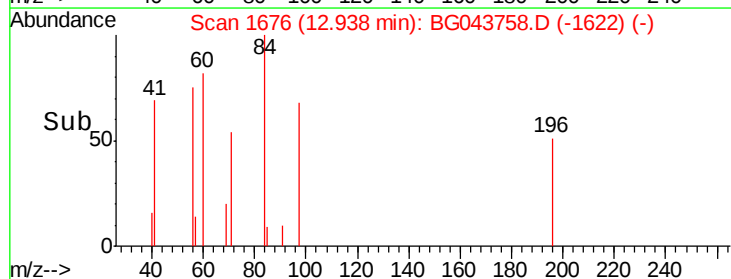
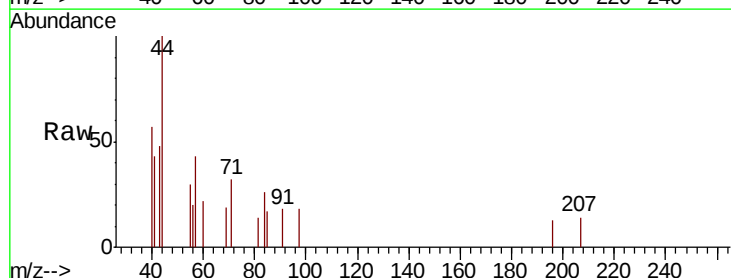
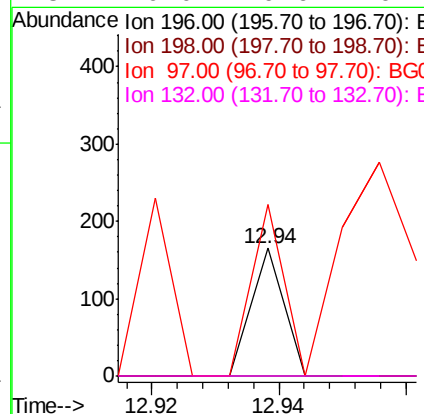
Instrument :
 BNA_G
 ClientSampled :

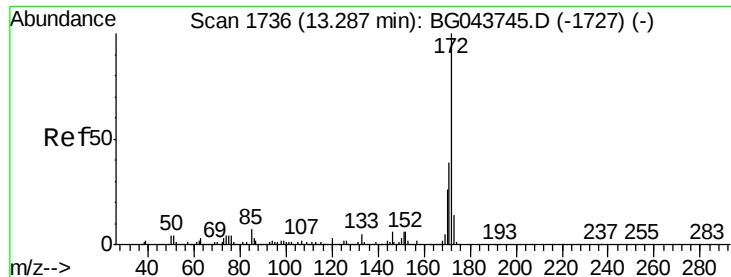
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.5	114.7#
200	0.0	24.6	36.8#



#44
 2,4,5-Trichlorophenol
 Concen: 0.019 ng
 RT: 12.94 min Scan# 1676
 Delta R.T. -0.21 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.2	117.2#
97	134.5	39.1	58.7#
132	0.0	19.6	29.4#

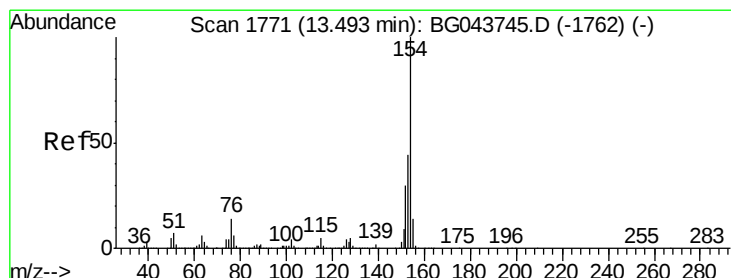
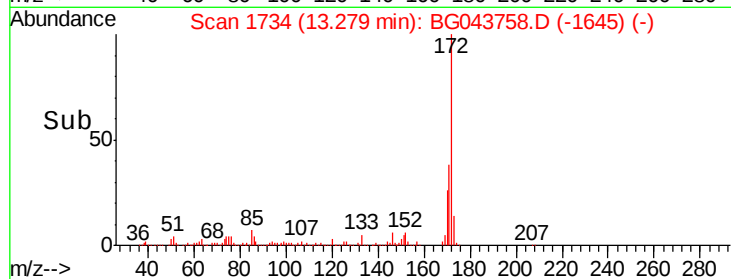
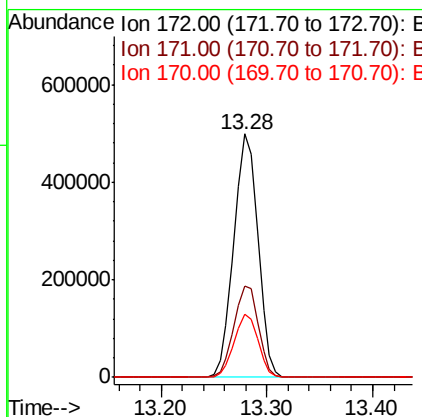
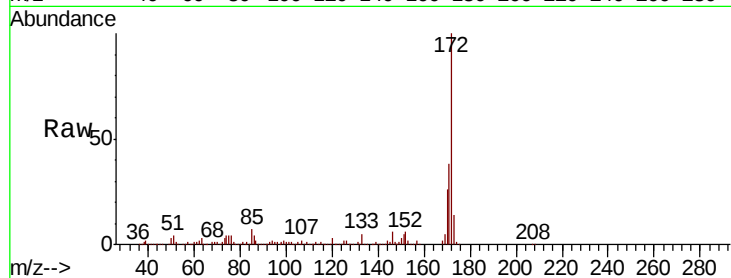




#45
2-Fluorobiphenyl
Concen: 91.655 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

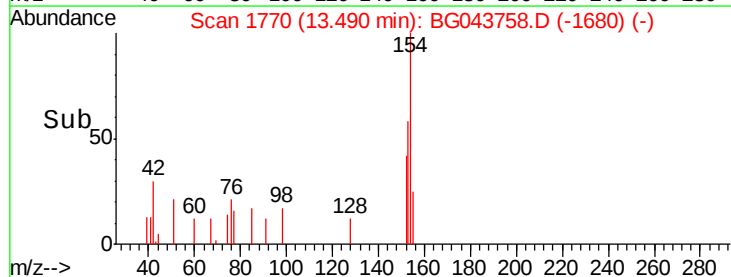
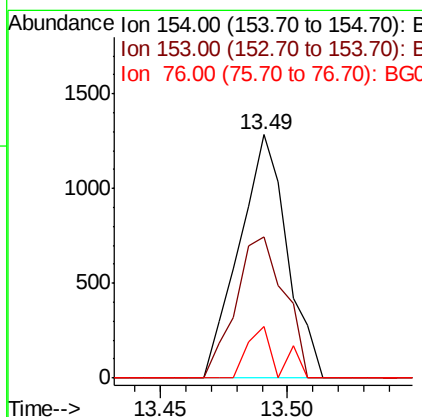
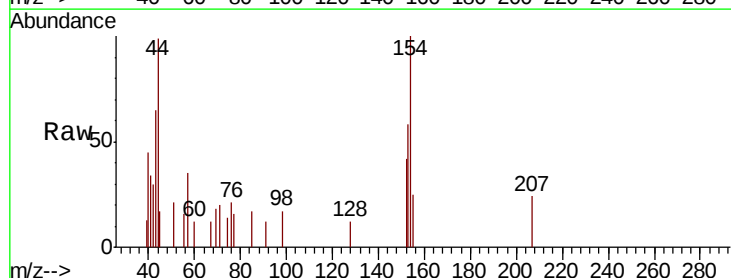
Instrument :
BNA_G
ClientSampleId :

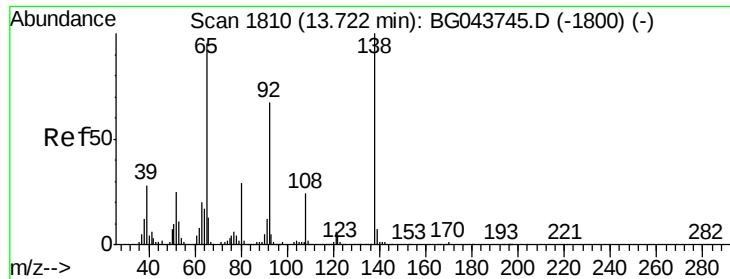
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.6
170	25.9	21.0	31.4



#46
1,1'-Biphenyl
Concen: 0.173 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	57.7	23.5	63.5
76	21.2	0.0	33.6





#48

2-Nitroaniline

Concen: 0.033 ng

RT: 13.97 min Scan# 1851

Delta R.T. 0.24 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampleId :

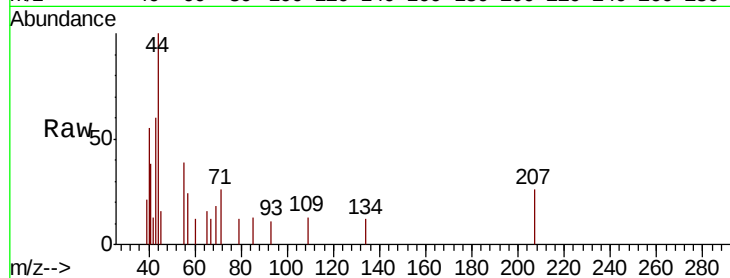
Tot Ion: 65 Resp: 78

Ion Ratio Lower Upper

65 100

92 0.0 56.1 84.1#

138 0.0 84.2 126.4#



Abundance Ion 65.00 (64.70 to 65.70): BG0

Ion 92.00 (91.70 to 92.70): BG0

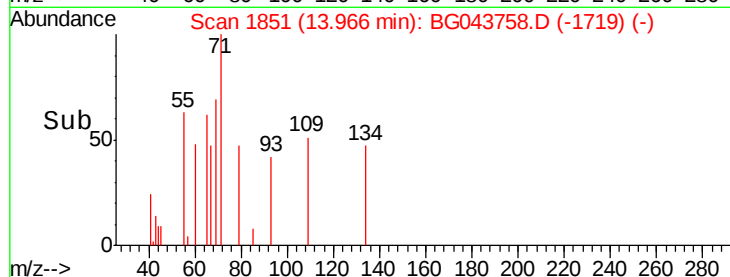
Ion 138.00 (137.70 to 138.70): E

13.97

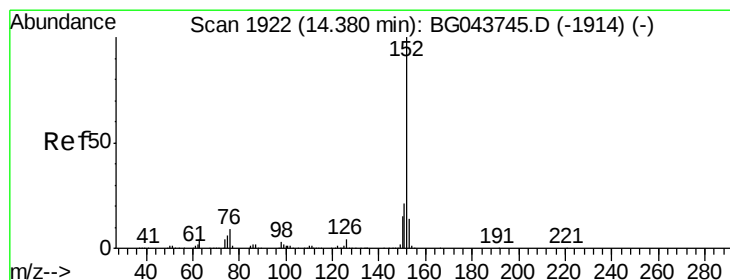
207

13.96

13.98



Time-->



#49

Acenaphthylene

Concen: 0.005 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

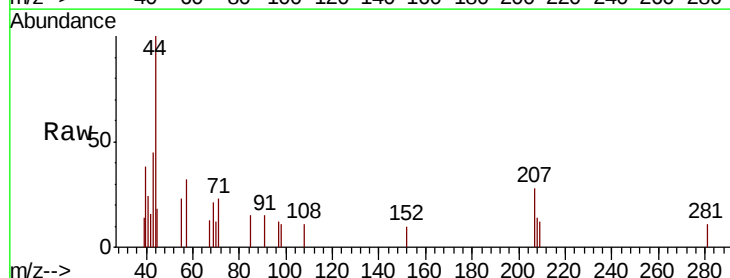
Tgt Ion: 152 Resp: 57

Ion Ratio Lower Upper

152 100

151 0.0 17.0 25.6#

153 0.0 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

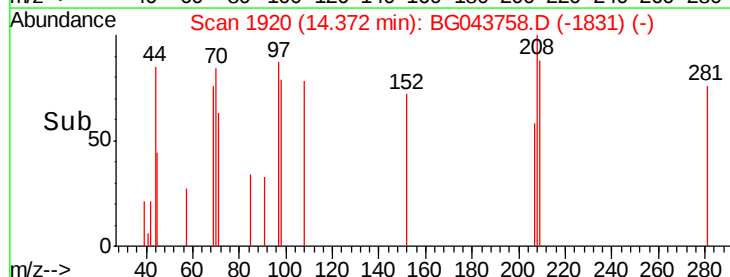
Ion 153.00 (152.70 to 153.70): E

14.37

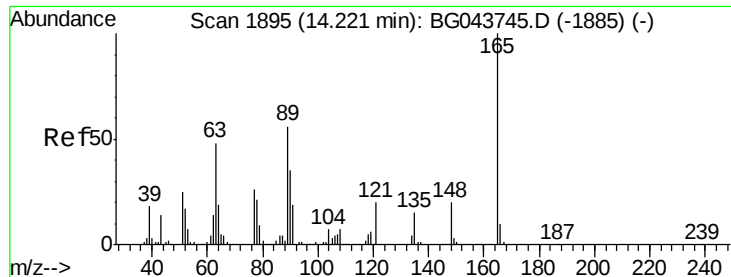
281

14.36

14.38



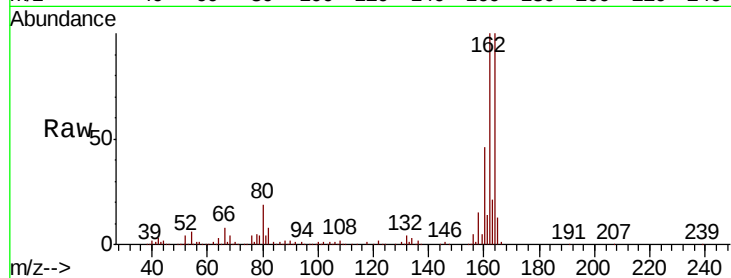
Time-->



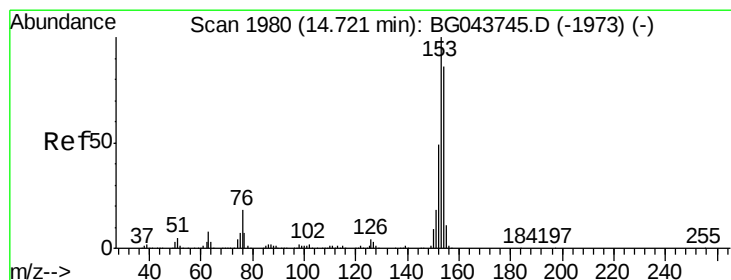
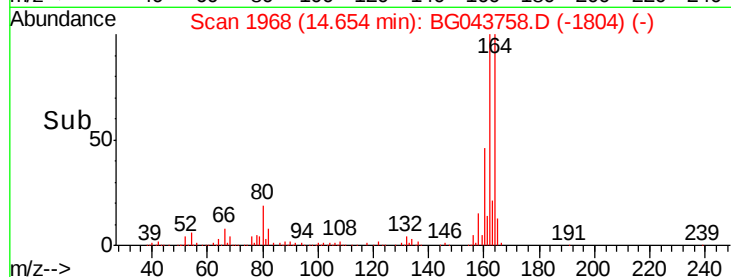
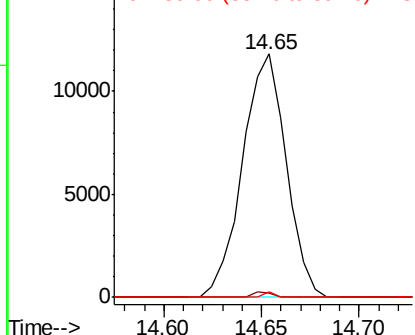
#51
 2,6-Dinitrotoluene
 Concen: 8.800 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.43 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 18247
 Ion Ratio Lower Upper
 165 100
 63 1.5 43.4 65.2#
 89 2.4 44.6 67.0#

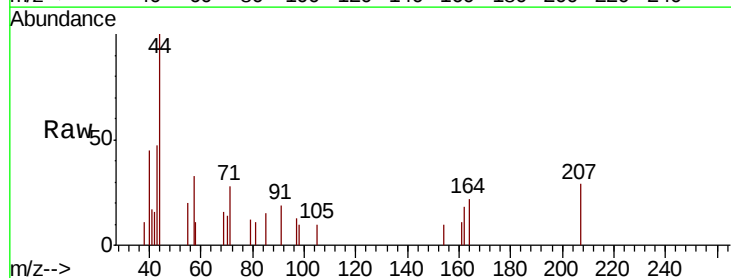


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

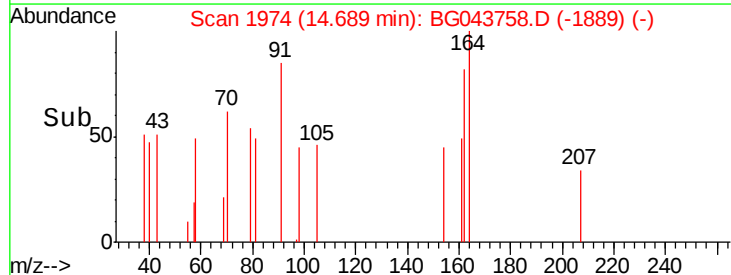
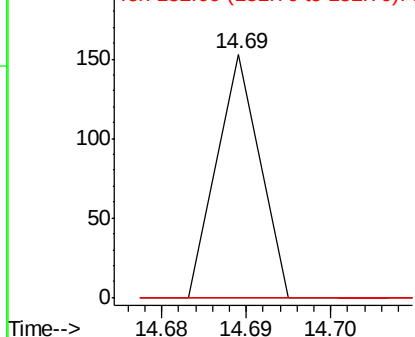


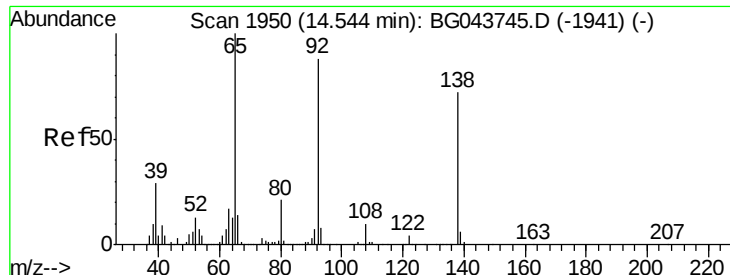
#52
 Acenaphthene
 Concen: 0.007 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.03 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

Tgt Ion:154 Resp: 54
 Ion Ratio Lower Upper
 154 100
 153 0.0 92.9 139.3#
 152 0.0 45.2 67.8#



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





#53

3-Nitroaniline

Concen: 0.023 ng

RT: 14.50 min Scan# 1941

Delta R.T. -0.05 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampleId :

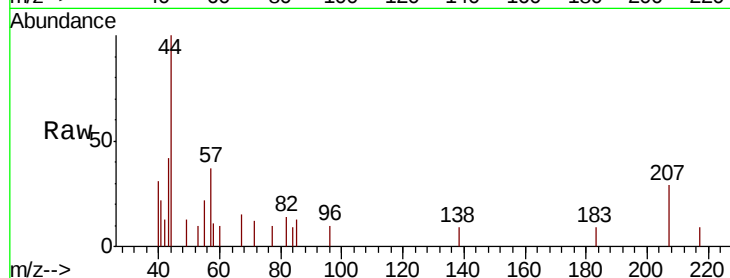
Tot Ion:138 Resp: 56

Ion Ratio Lower Upper

138 100

108 0.0 11.7 17.5#

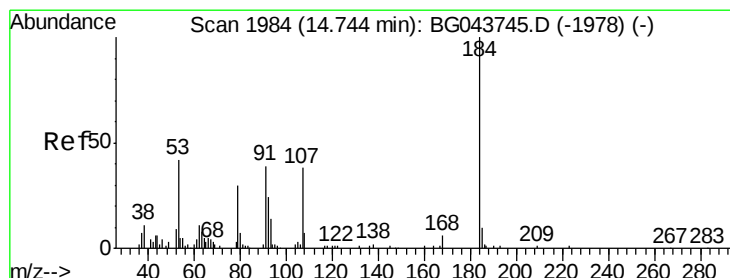
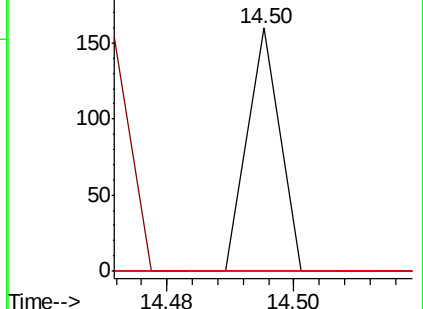
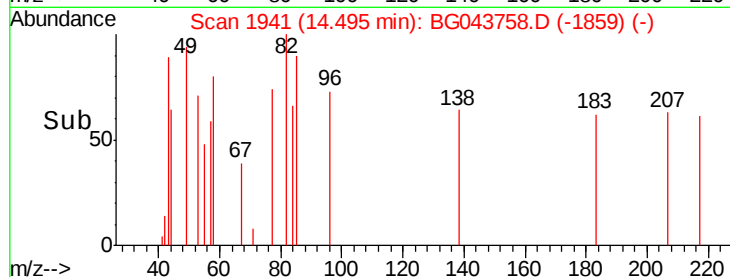
92 0.0 97.2 145.8#



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: 0.065 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.11 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

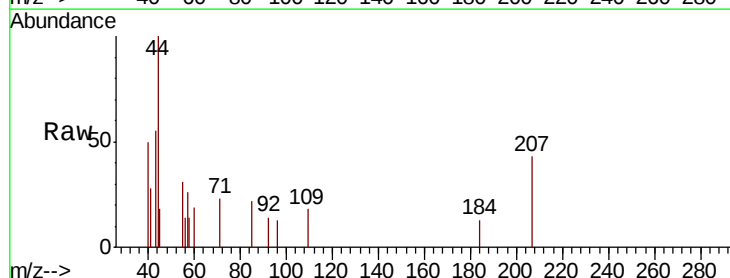
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 0.0 52.4 78.6#

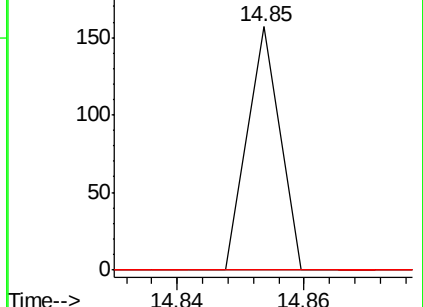
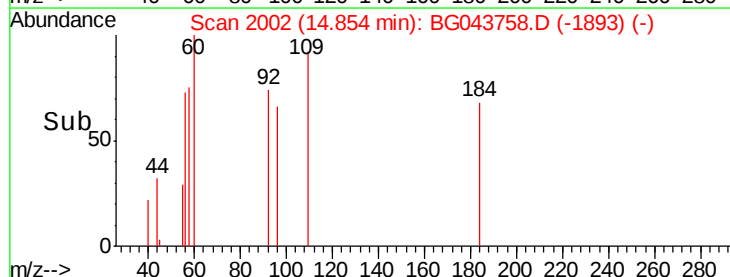
154 0.0 92.8 139.2#

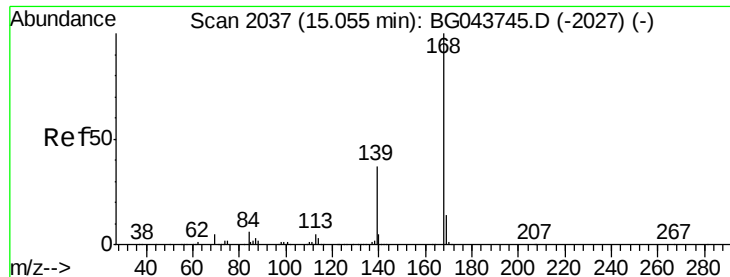


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

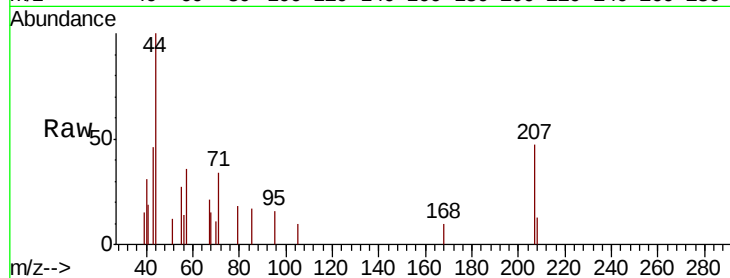




#55
Dibenzenofuran
Concen: 0.004 ng
RT: 15.25 min Scan# 2070
Delta R.T. 0.20 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	0.0	29.4	44.2#
169	0.0	11.3	16.9#



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

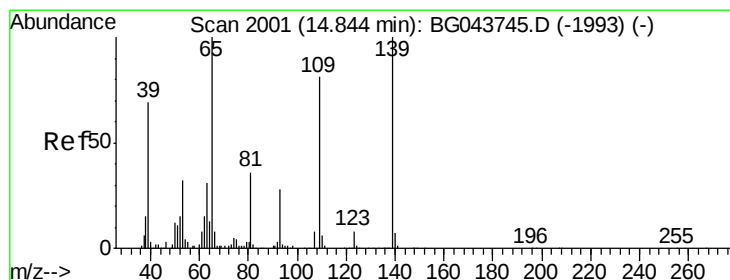
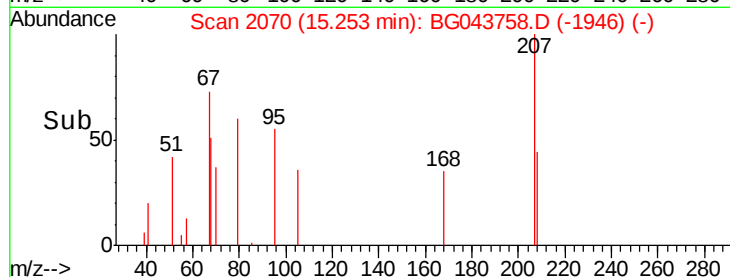
15.25

100

50

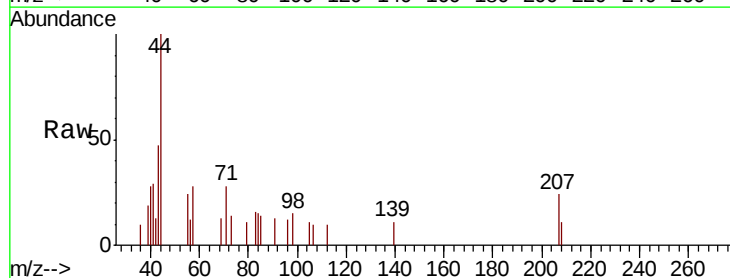
0

Time--> 15.24 15.26



#56
4-Nitrophenol
Concen: 0.030 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.08 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.4	101.4#
65	0.0	80.3	120.3#



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

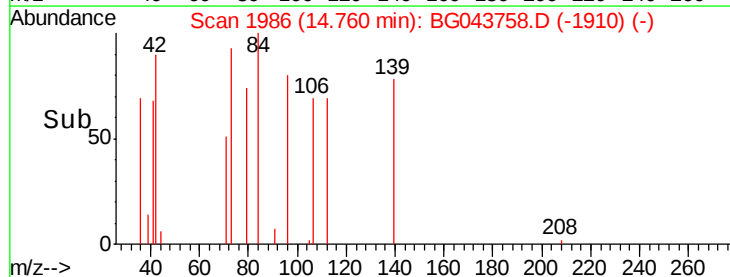
14.76

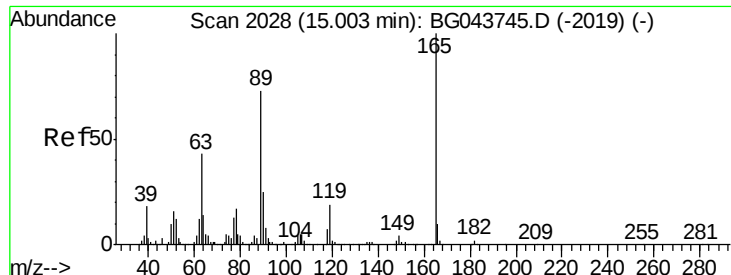
100

50

0

Time--> 14.74 14.76

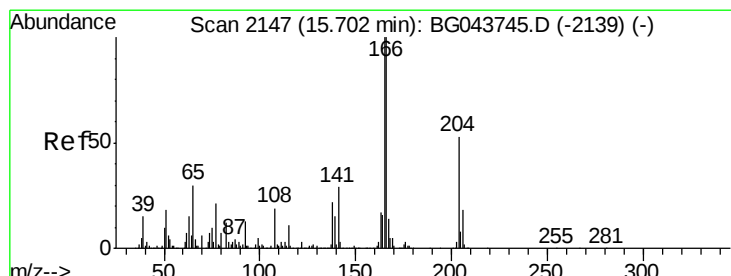
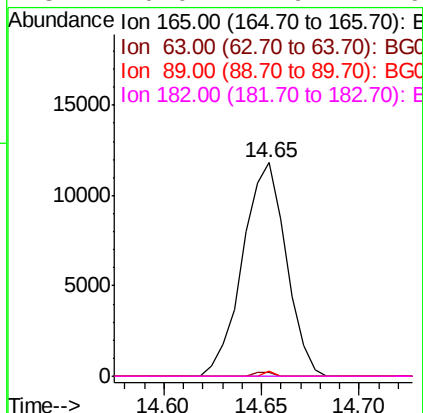
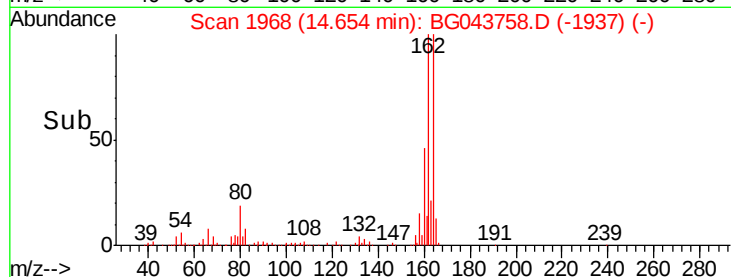
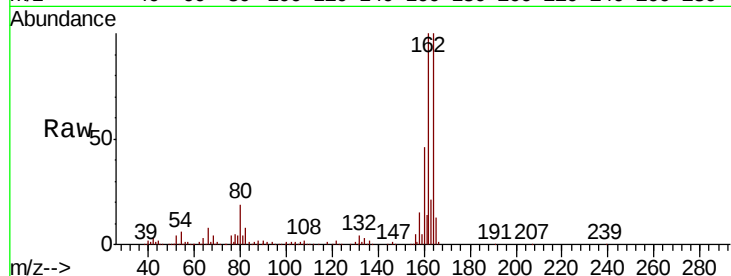




#57
 2,4-Dinitrotoluene
 Concen: 6.345 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.35 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

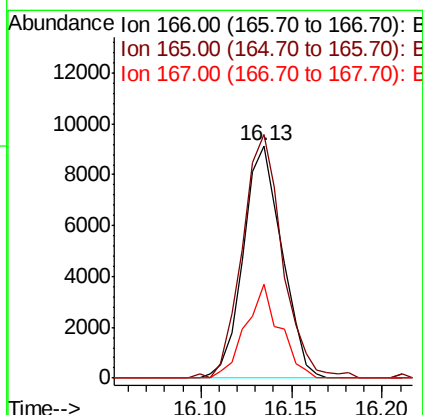
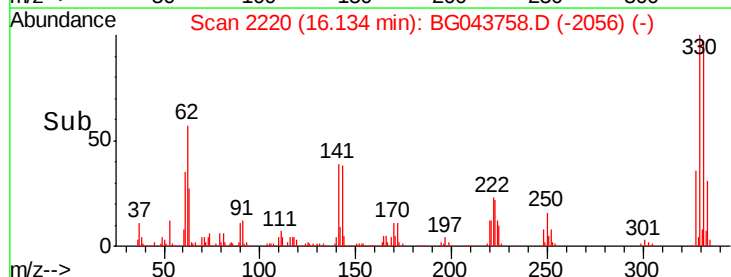
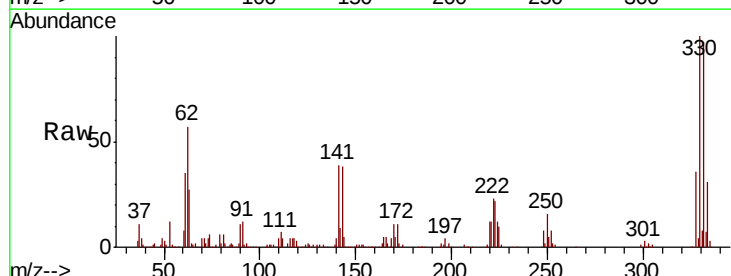
Instrument :
 BNA_G
 ClientSampleId :

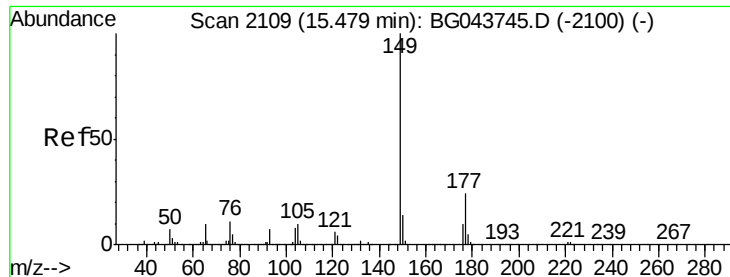
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	51.8#
89	2.4	58.3	87.5#
182	0.0	1.9	2.9#



#58
 Fluorene
 Concen: 1.328 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.43 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.9	79.9	119.9
167	40.5	11.4	17.0#





#60

Diethylphthalate

Concen: Below Cal

RT: 15.48 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

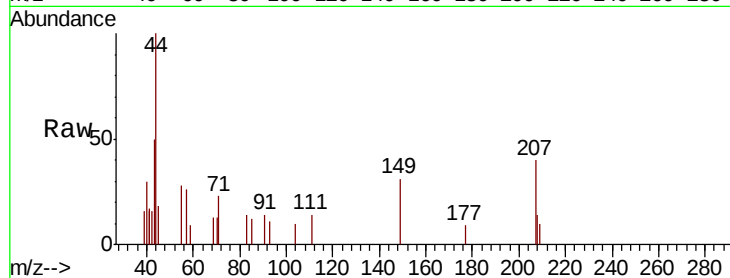
Tot Ion:149 Resp: 537

Ion Ratio Lower Upper

149 100

177 28.9 19.3 28.9#

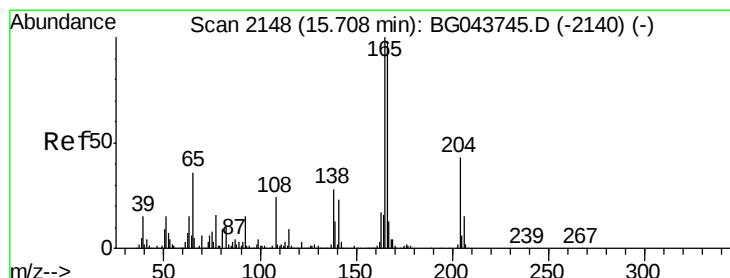
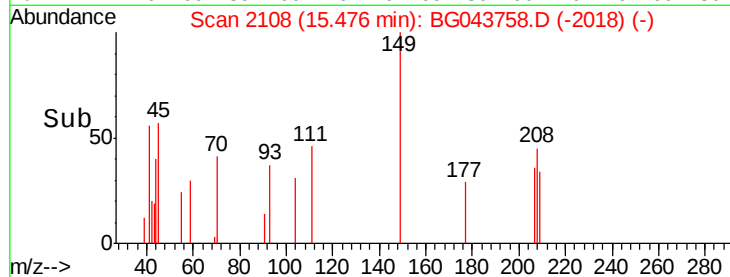
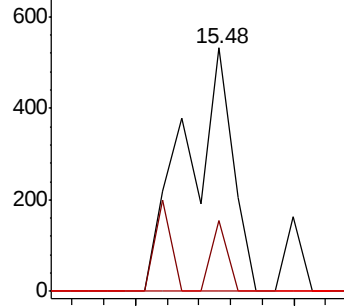
150 0.0 11.1 16.7#



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



#62

4-Nitroaniline

Concen: 0.021 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.42 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

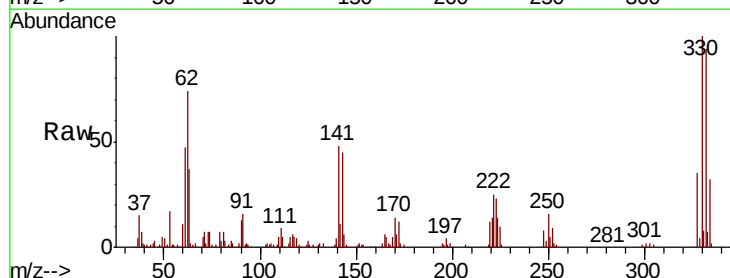
Tgt Ion:138 Resp: 57

Ion Ratio Lower Upper

138 100

92 769.9 34.6 74.6#

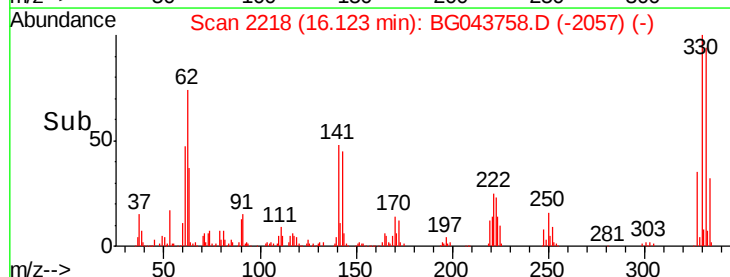
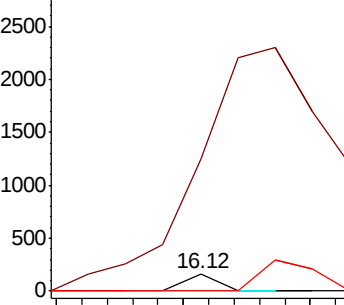
108 0.0 65.7 105.7#

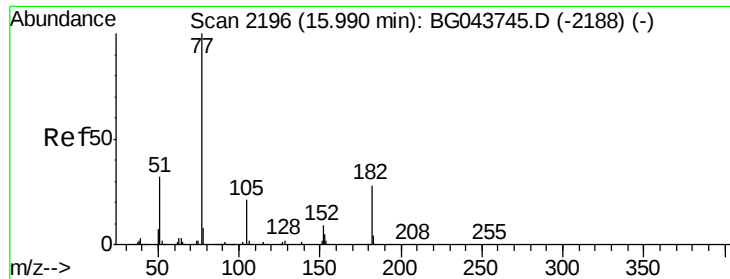


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 0.022 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.02 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 236

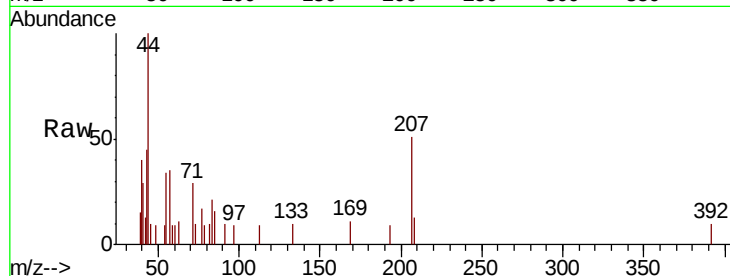
Ion Ratio Lower Upper

77 100

182 0.0 7.6 47.6#

105 0.0 0.7 40.7#

51 0.0 12.1 52.1#

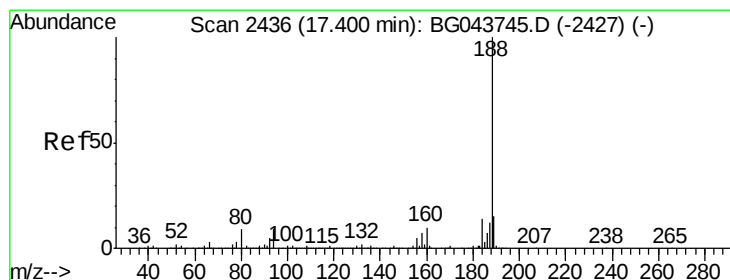
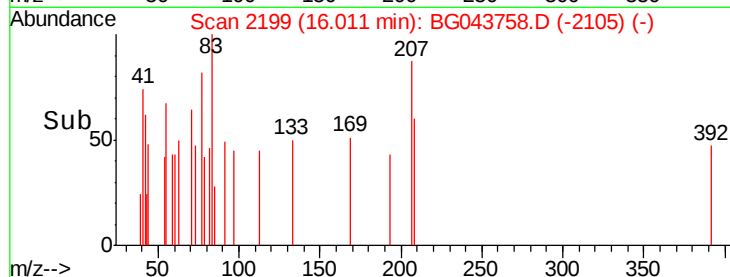
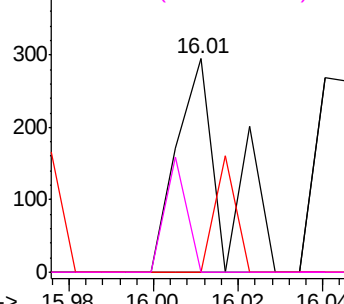


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

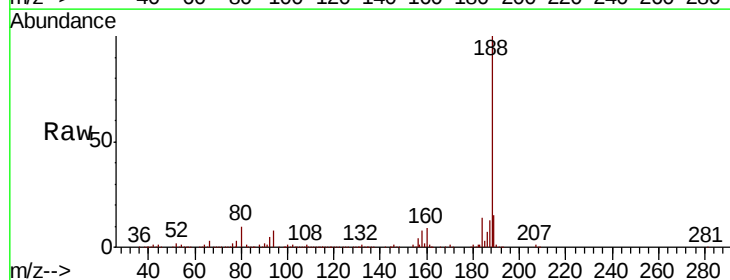
Tgt Ion: 188 Resp: 468581

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

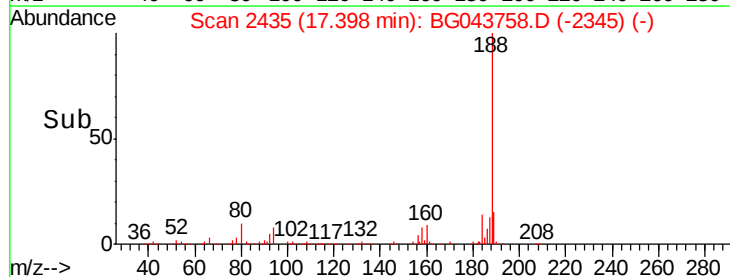
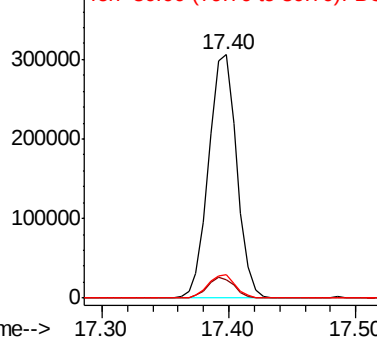
80 9.7 7.5 11.3

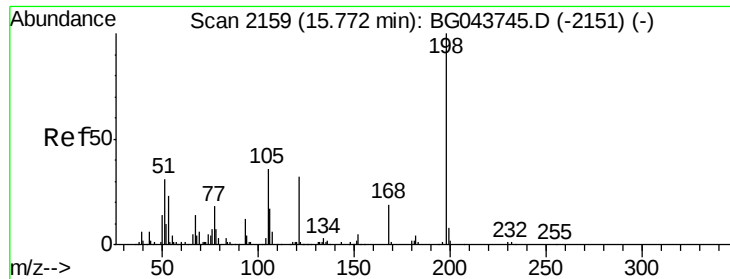


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

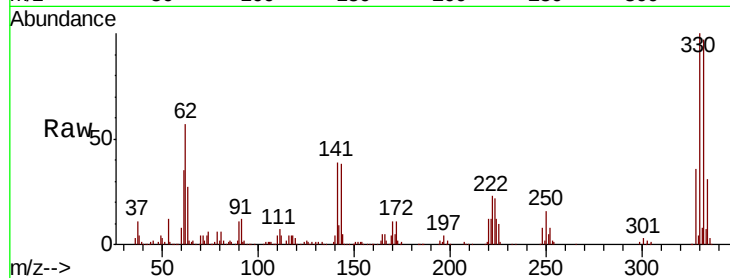




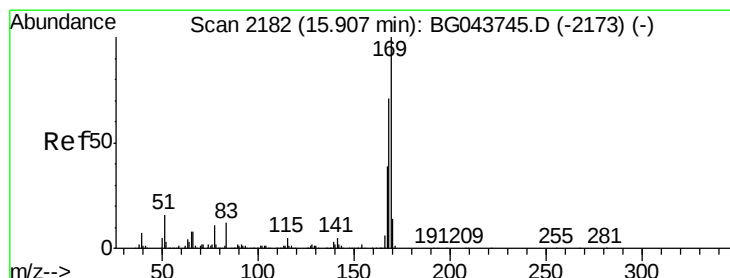
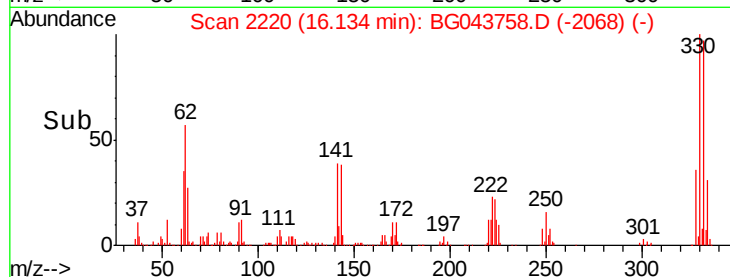
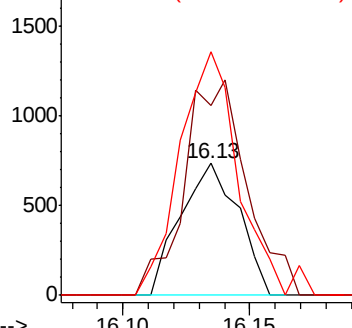
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.870 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.36 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 1177
 Ion Ratio Lower Upper
 198 100
 51 143.5 16.8 56.8#
 105 184.4 17.3 57.3#

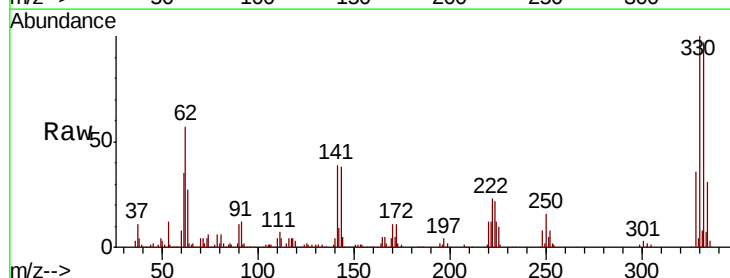


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

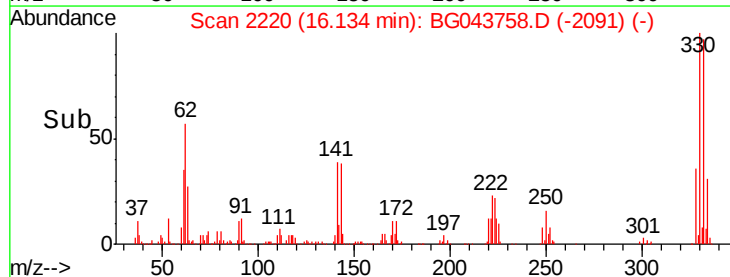
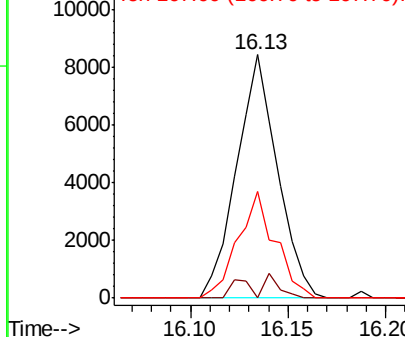


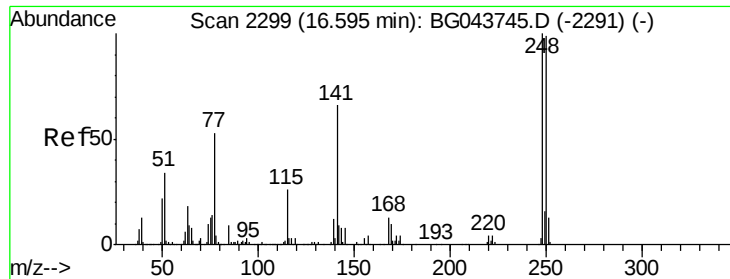
#66
 n-Nitrosodiphenylamine
 Concen: 0.982 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.23 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

Tgt Ion:169 Resp: 12179
 Ion Ratio Lower Upper
 169 100
 168 0.0 56.6 85.0#
 167 43.8 30.8 46.2



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

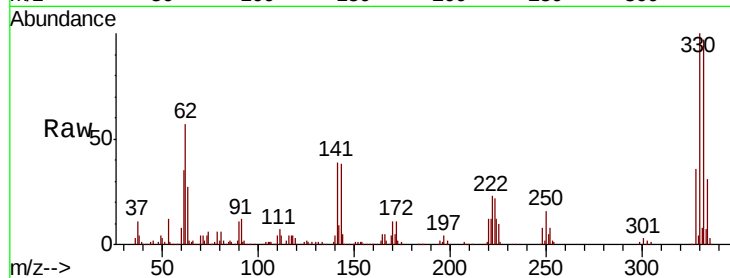




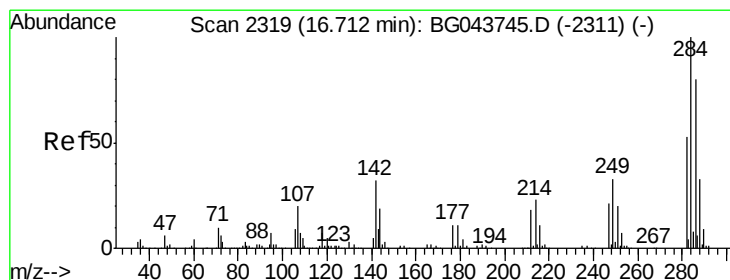
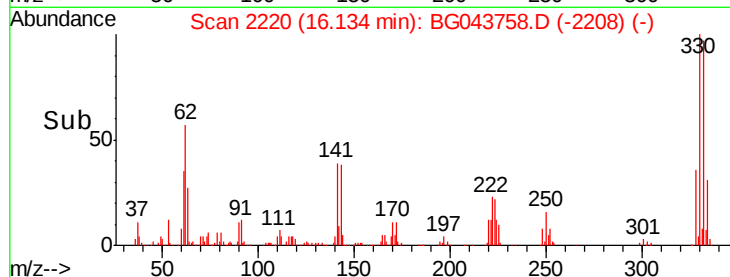
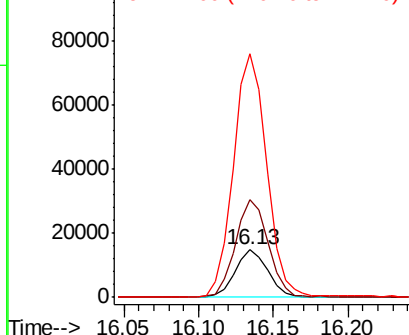
#67
 4-Bromophenyl-phenylether
 Concen: 4.604 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.46 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 22748
 Ion Ratio Lower Upper
 248 100
 250 206.1 79.3 118.9#
 141 510.8 53.0 79.6#

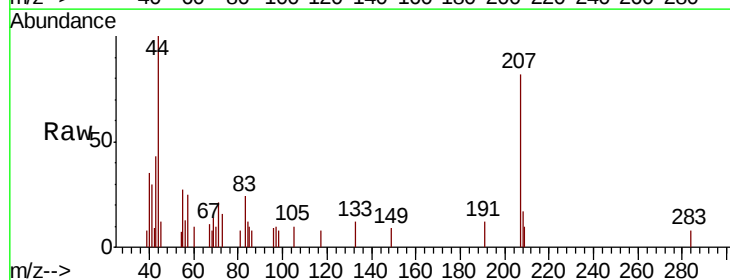


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

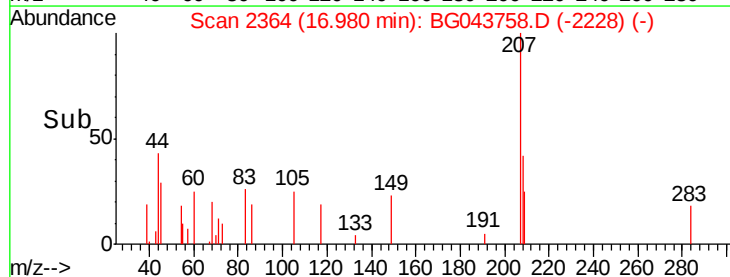
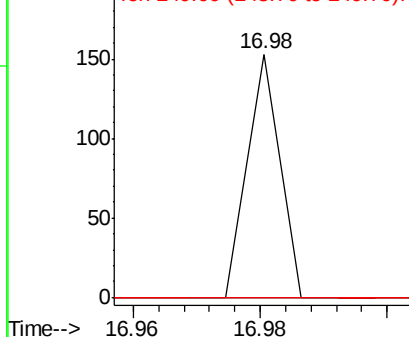


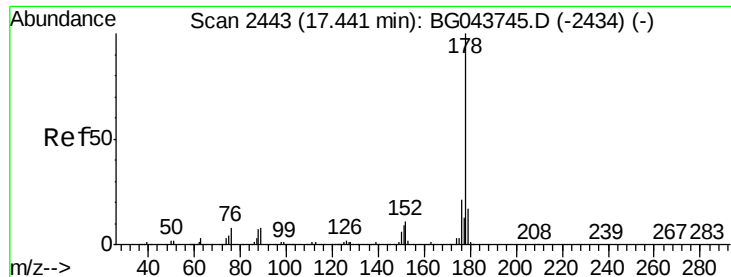
#68
 Hexachlorobenzene
 Concen: 0.010 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. 0.27 min
 Lab File: BG043758.D
 Acq: 23 Nov 2019 16:23

Tgt Ion:284 Resp: 54
 Ion Ratio Lower Upper
 284 100
 142 0.0 25.4 38.0#
 249 0.0 26.2 39.4#



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

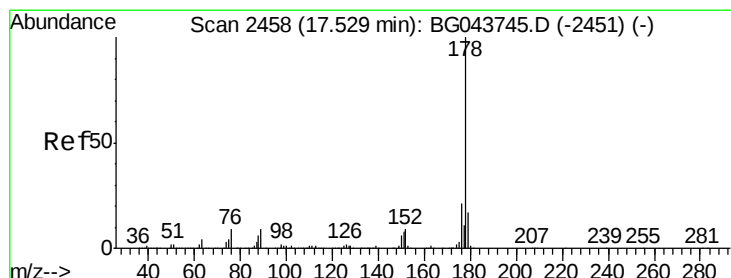
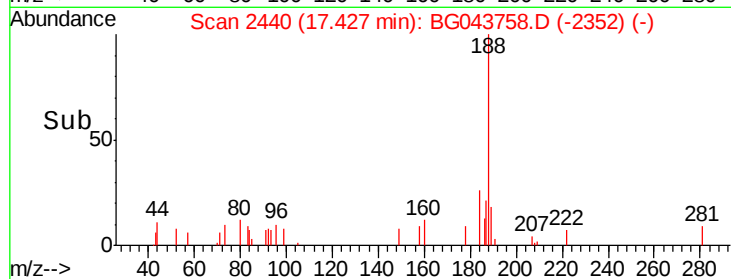
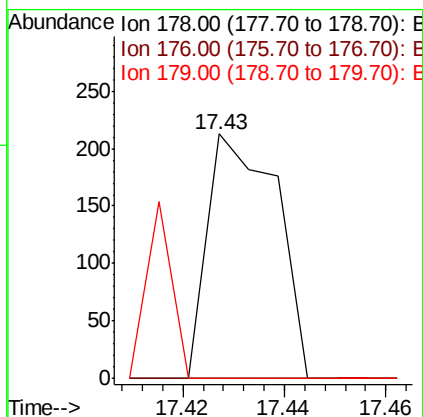
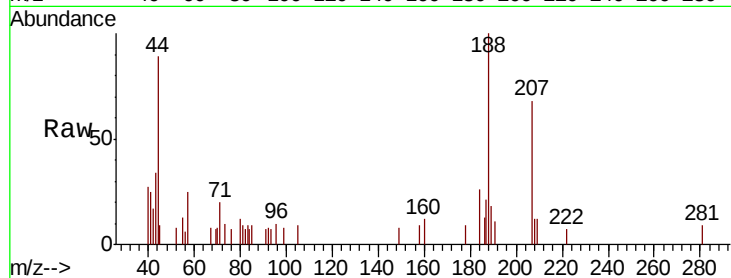




#71
Phenanthrene
Concen: 0.009 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

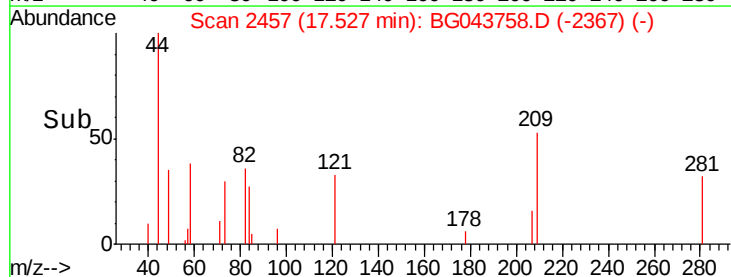
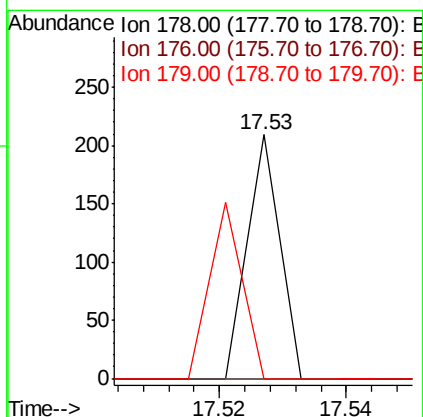
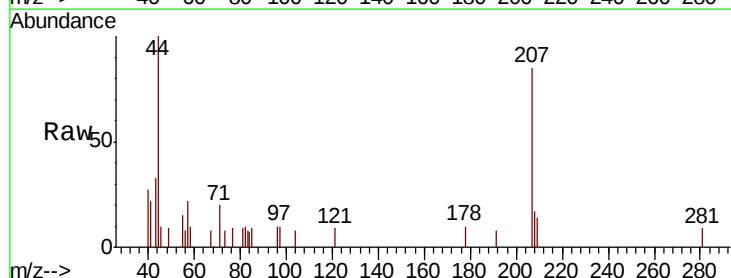
Instrument :
BNA_G
ClientSampleId :

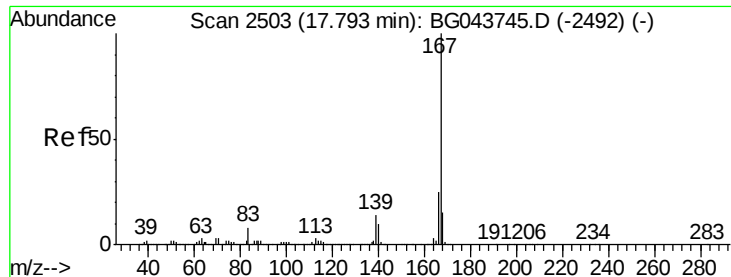
Tot Ion:178 Resp: 201
Ion Ratio Lower Upper
178 100
176 0.0 16.9 25.3#
179 0.0 13.5 20.3#



#72
Anthracene
Concen: 0.003 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion:178 Resp: 74
Ion Ratio Lower Upper
178 100
176 0.0 16.5 24.7#
179 0.0 13.4 20.2#





#73

Carbazole

Concen: Below Cal

RT: 17.78 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

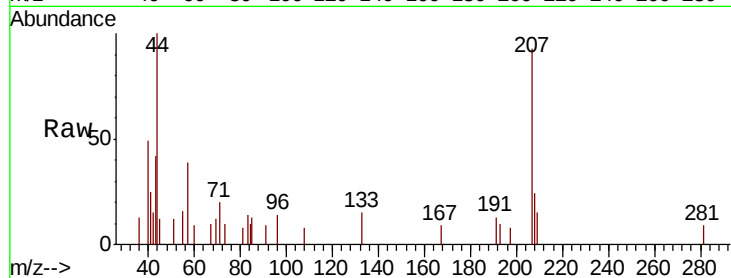
Tot Ion:167 Resp: 119

Ion Ratio Lower Upper

167 100

166 0.0 19.8 29.6#

139 0.0 10.9 16.3#



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

17.78

17.78

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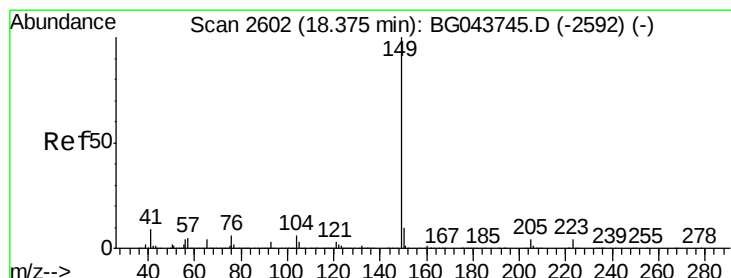
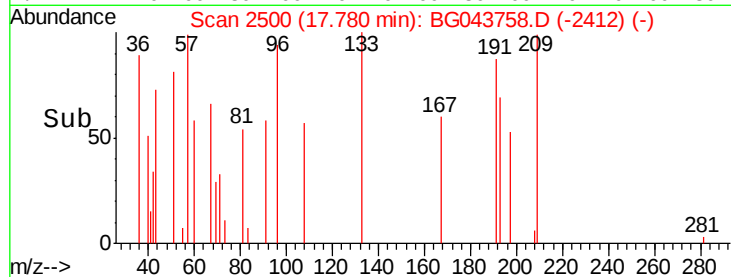
17.80

17.80

17.80

17.80

17.80



#74

Di-n-butylphthalate

Concen: 0.057 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

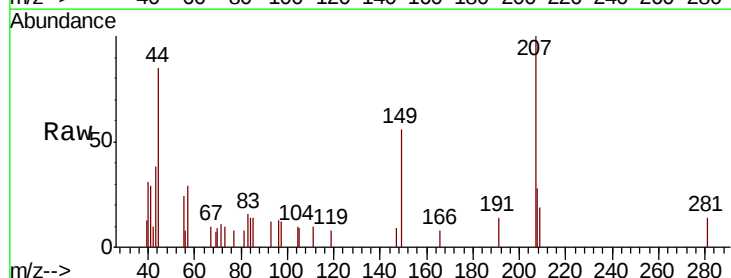
Tgt Ion:149 Resp: 1682

Ion Ratio Lower Upper

149 100

150 0.0 8.4 12.6#

104 17.6 4.6 7.0#



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

18.37

18.37

18.37

18.37

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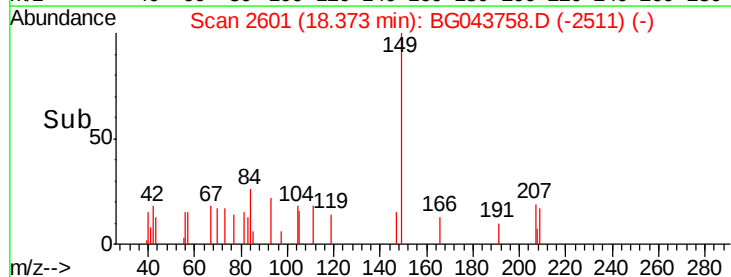
18.37

18.37

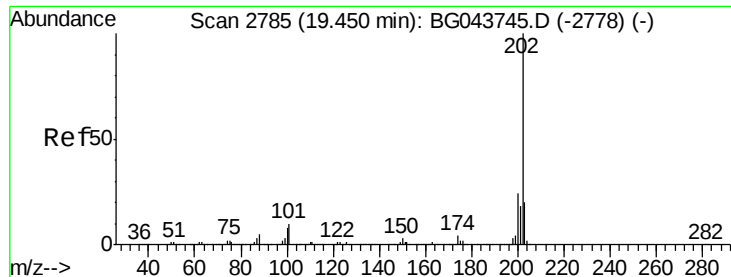
18.37

18.37

18.37



Time-->



#75

Fluoranthene

Concen: 0.004 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampleId :

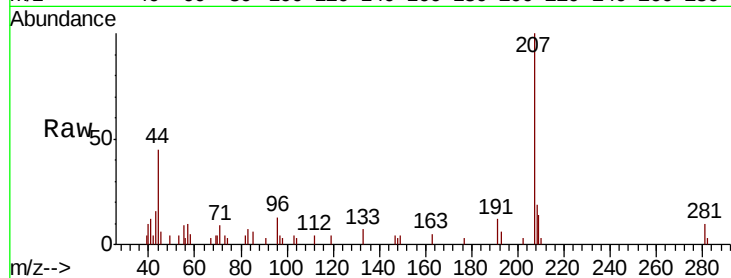
Tot Ion:202 Resp: 128

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.1

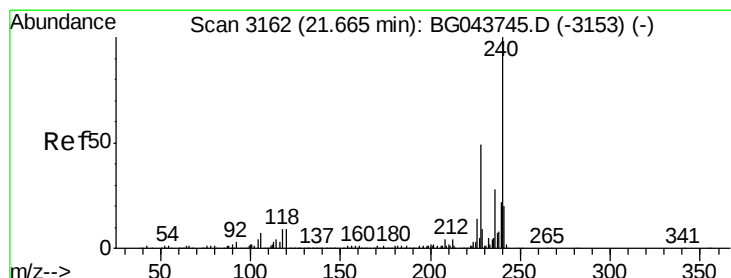
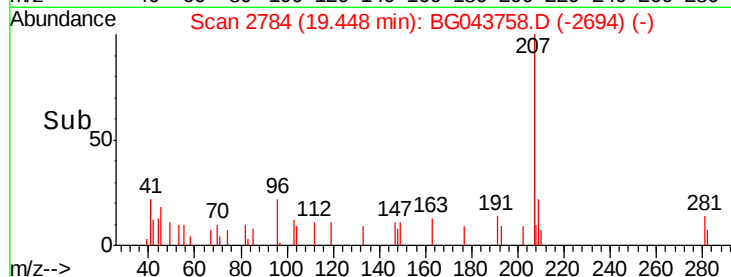
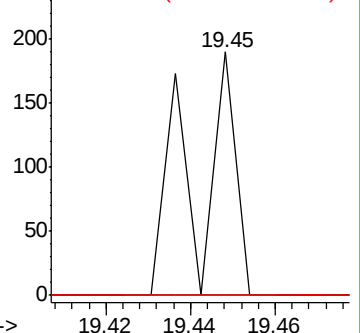
203 0.0 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

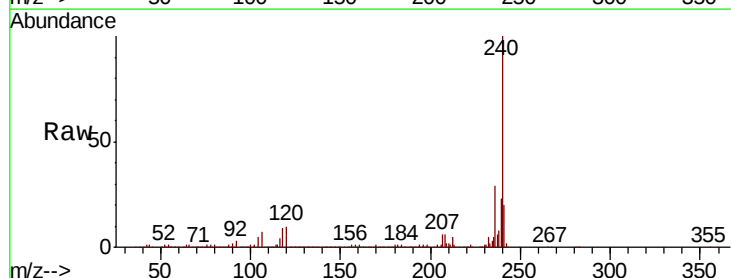
Tgt Ion:240 Resp: 647419

Ion Ratio Lower Upper

240 100

120 9.5 7.5 11.3

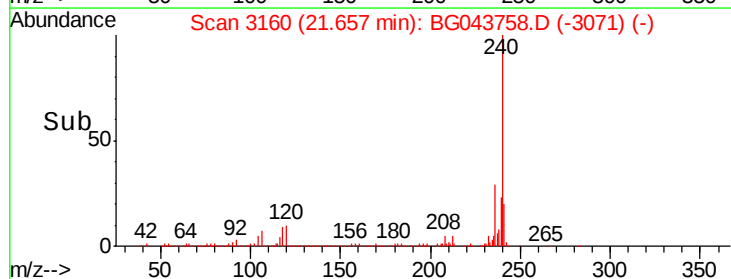
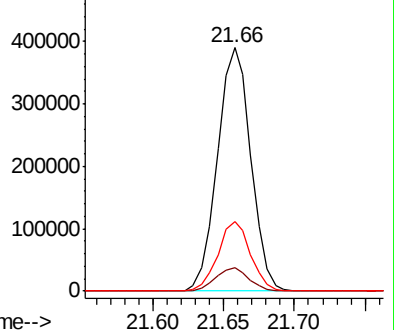
236 28.8 22.6 34.0

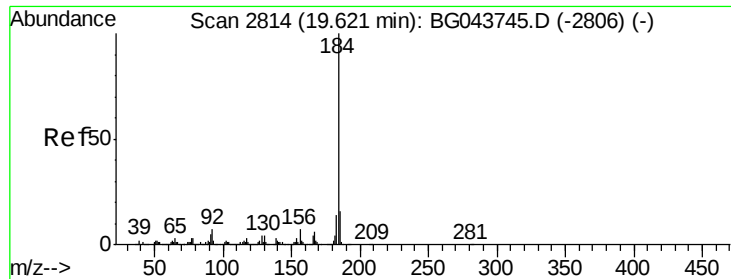


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.783 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampleId :

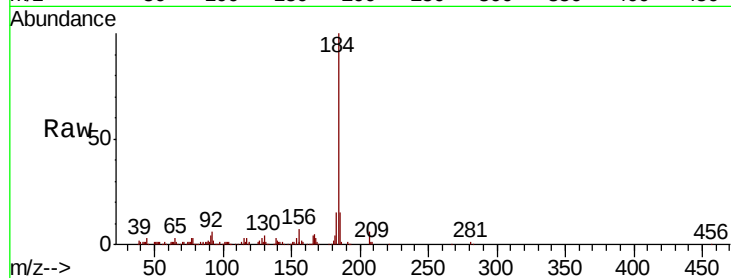
Tot Ion:184 Resp: 128282

Ion Ratio Lower Upper

184 100

185 14.8 12.8 19.2

183 14.9 11.3 16.9

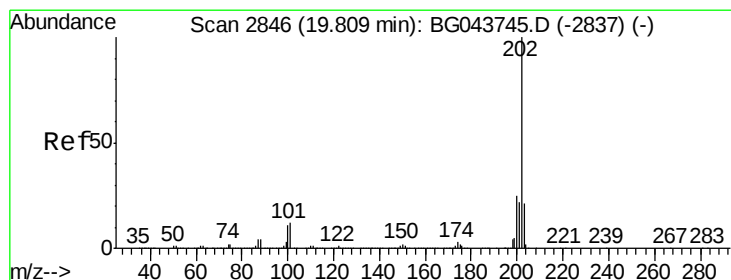
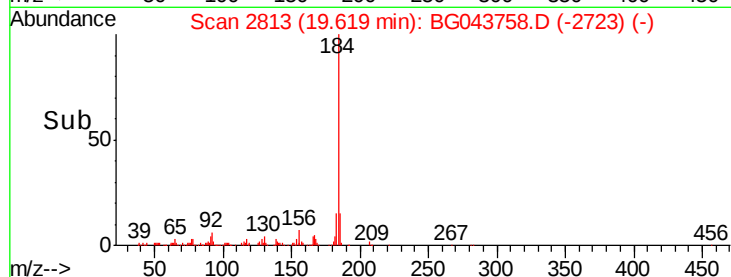
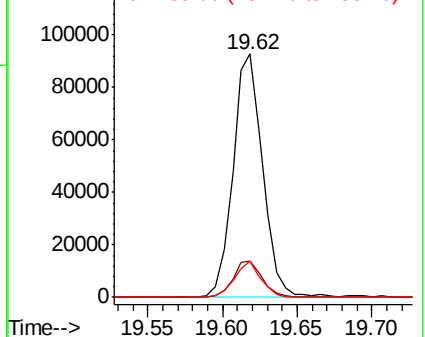


Abundance

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: 0.293 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.20 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

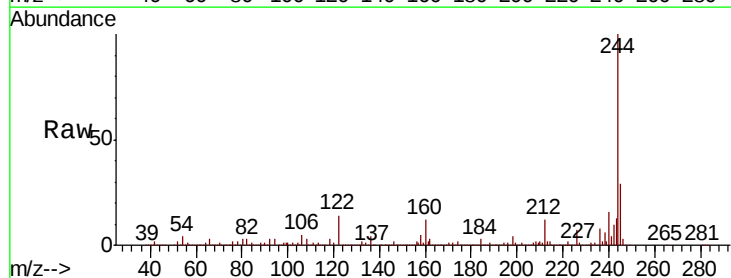
Tgt Ion:202 Resp: 12234

Ion Ratio Lower Upper

202 100

200 43.7 19.8 29.6#

203 16.2 16.6 24.8#

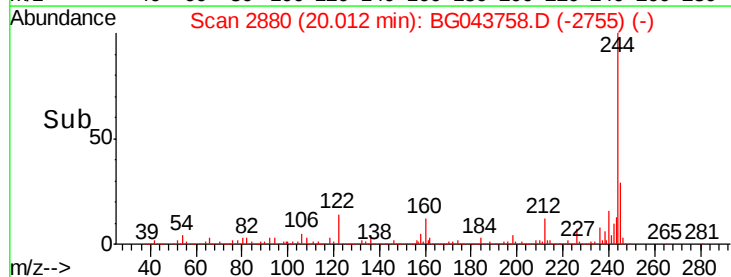
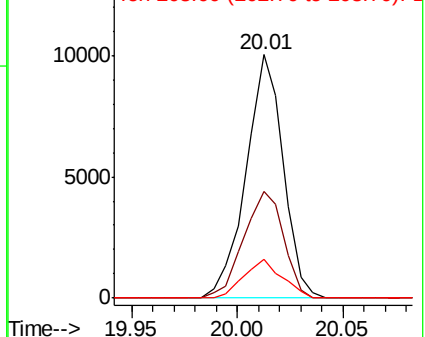


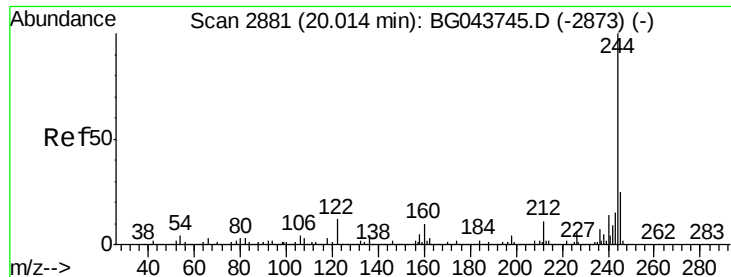
Abundance

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: 84.850 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampleId :

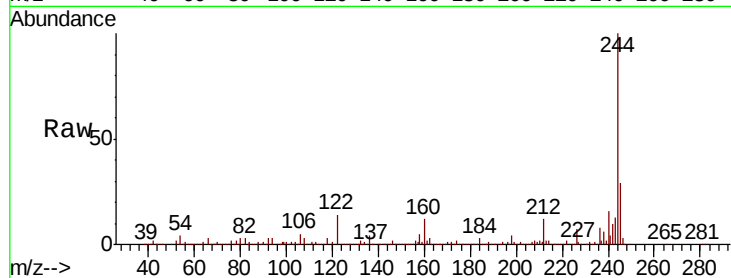
Tot Ion:244 Resp: 2431073

Ion Ratio Lower Upper

244 100

212 11.9 8.5 12.7

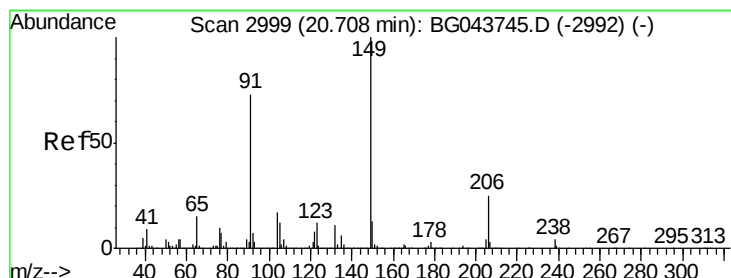
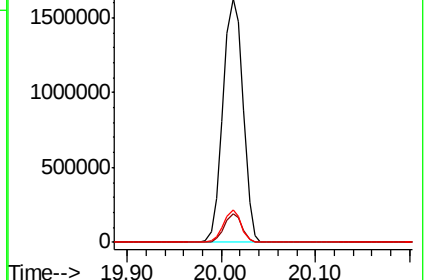
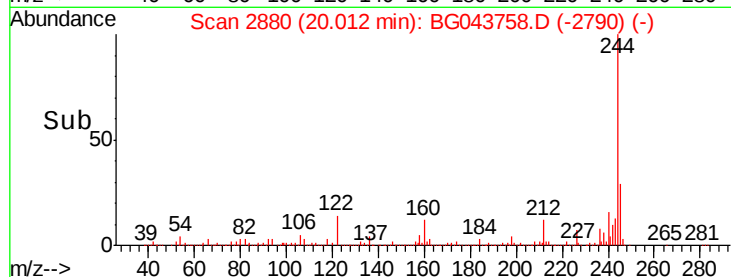
122 13.5 9.5 14.3



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: 0.029 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

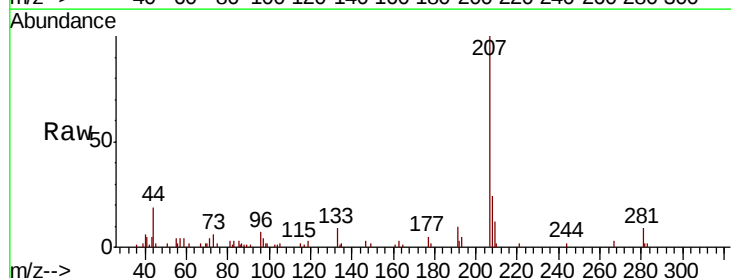
Tgt Ion:149 Resp: 544

Ion Ratio Lower Upper

149 100

91 53.6 58.8 88.2#

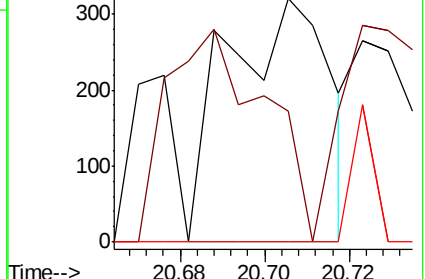
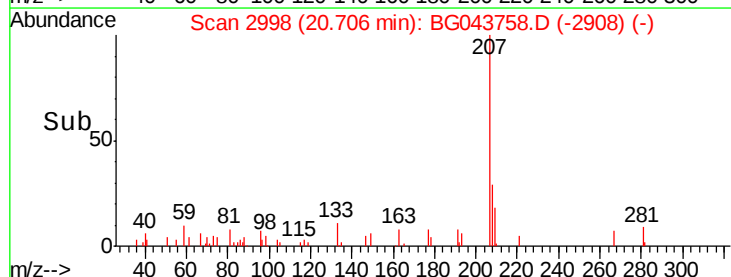
206 0.0 19.8 29.6#

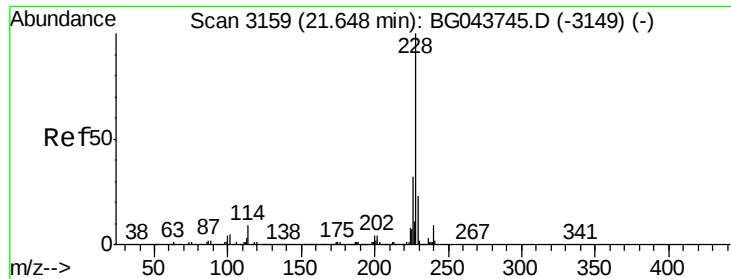


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.052 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

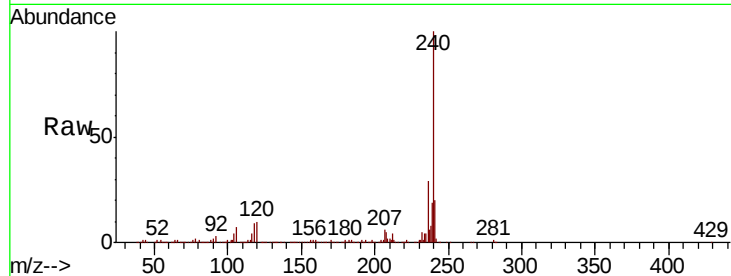
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2235

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.2#
229	26.5	18.1	27.1

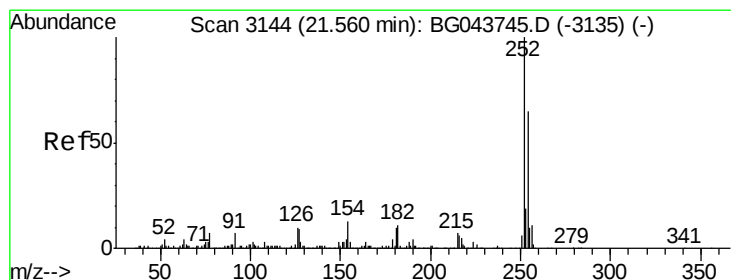
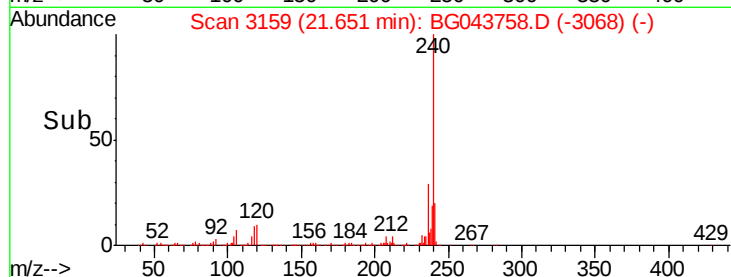
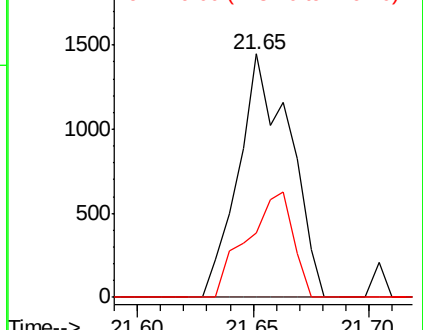


Abundance

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: 0.037 ng

RT: 21.55 min Scan# 3142

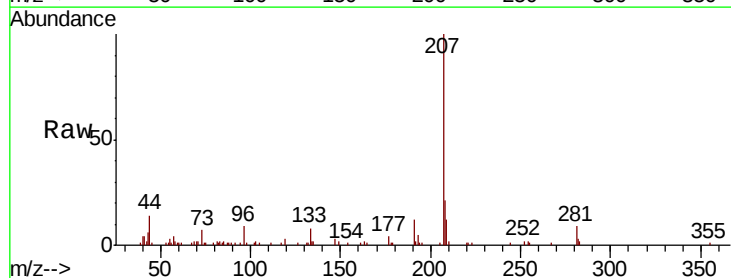
Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Tgt Ion:252 Resp: 608

Ion	Ratio	Lower	Upper
252	100		
254	73.5	52.1	78.1
126	51.6	7.8	11.6#

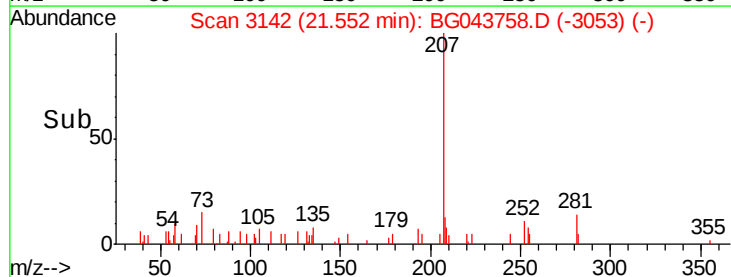
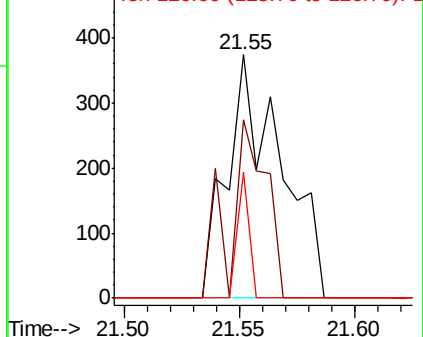


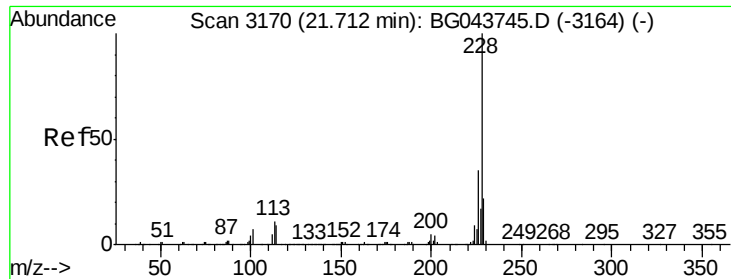
Abundance

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: 0.002 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

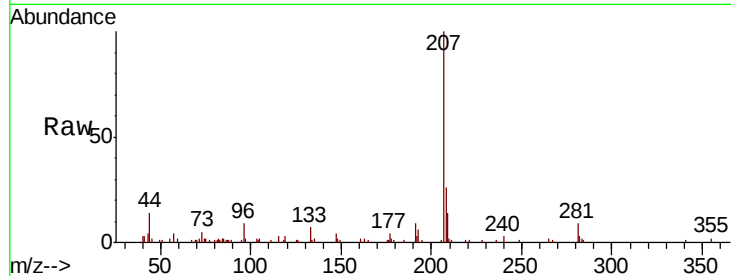
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 73

Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.8	41.8#
229	0.0	17.9	26.9#

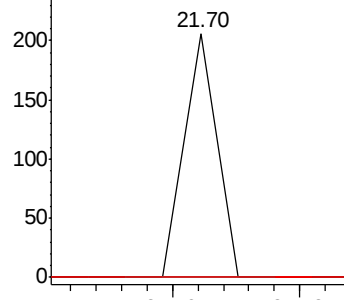


Abundance

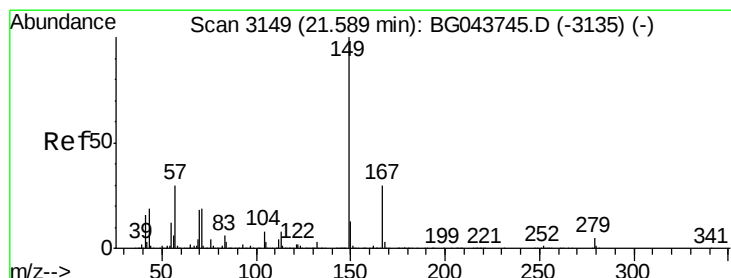
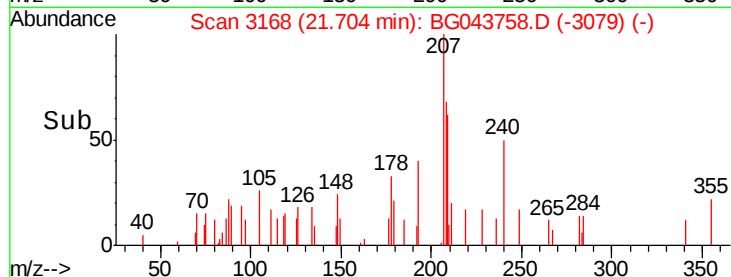
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.106 ng

RT: 21.59 min Scan# 3148

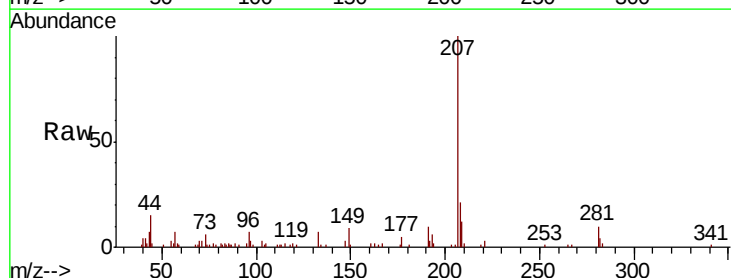
Delta R.T. -0.00 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Tgt Ion:149 Resp: 2833

Ion	Ratio	Lower	Upper
149	100		
167	20.5	23.8	35.6#
279	0.0	4.0	6.0#

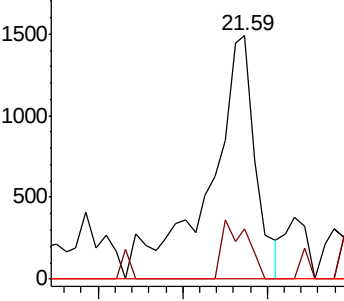


Abundance

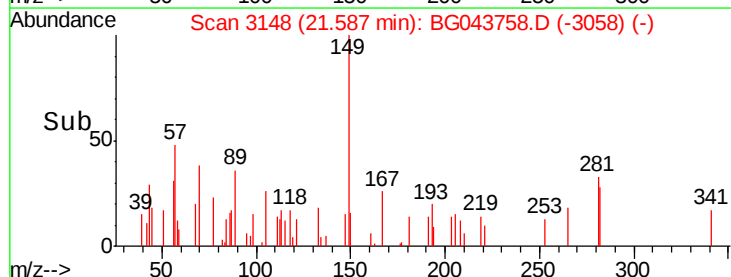
Ion 149.00 (148.70 to 149.70): E

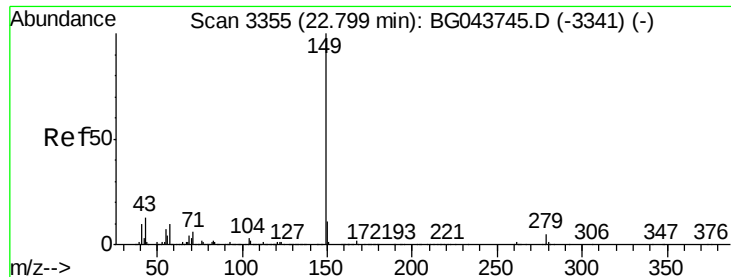
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

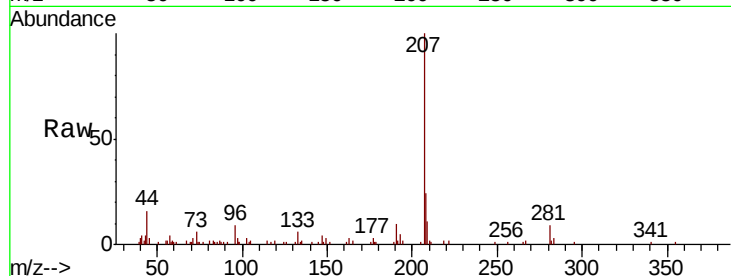




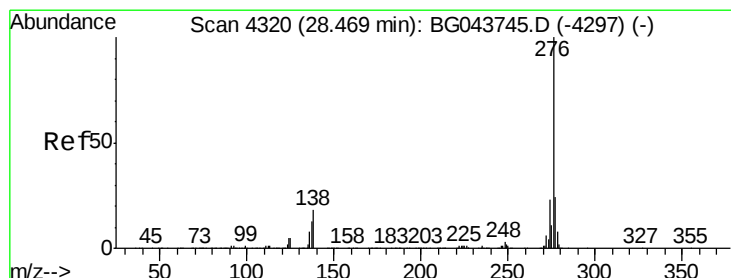
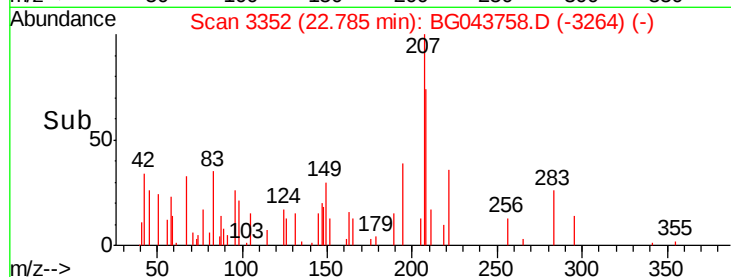
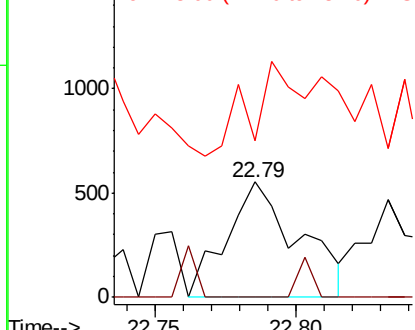
#85
Di-n-octyl phthalate
Concen: 0.023 ng
RT: 22.79 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 983
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 54.5 9.8 14.6#

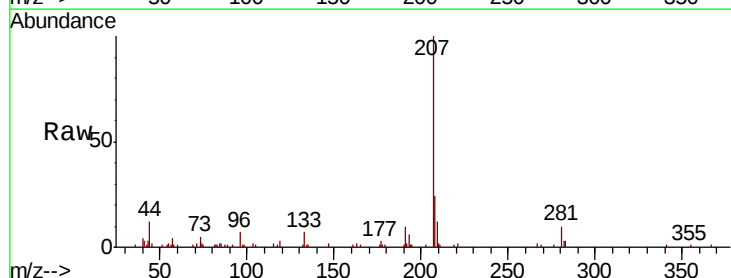


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

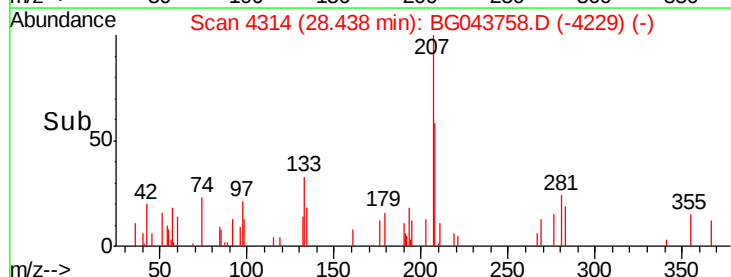
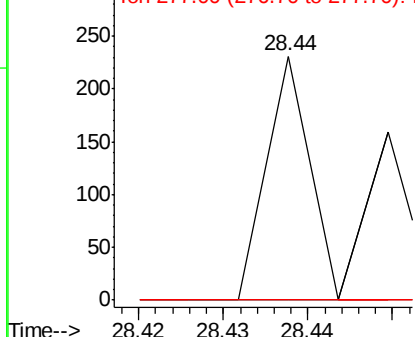


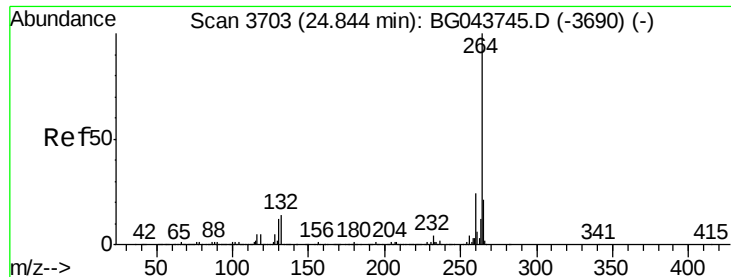
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.44 min Scan# 4314
Delta R.T. -0.03 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion:276 Resp: 81
Ion Ratio Lower Upper
276 100
138 0.0 14.5 21.7#
277 0.0 21.1 31.7#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

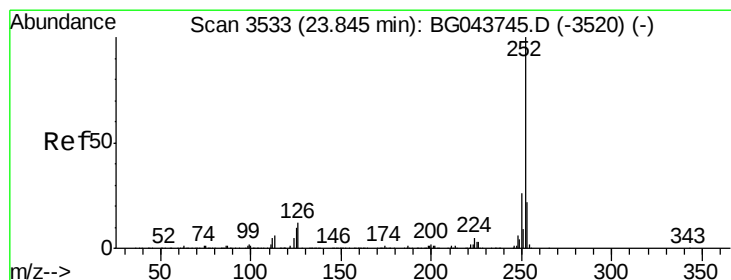
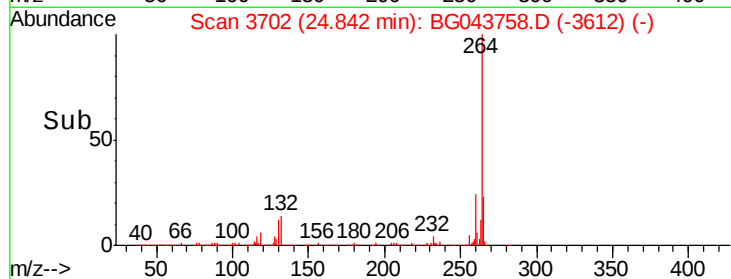
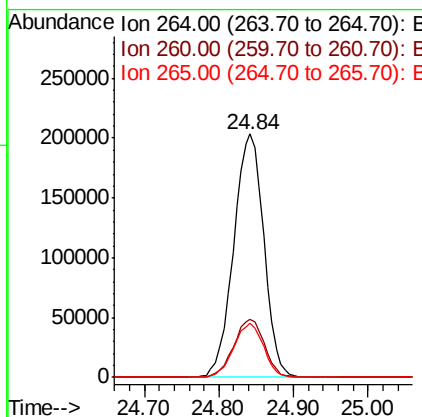
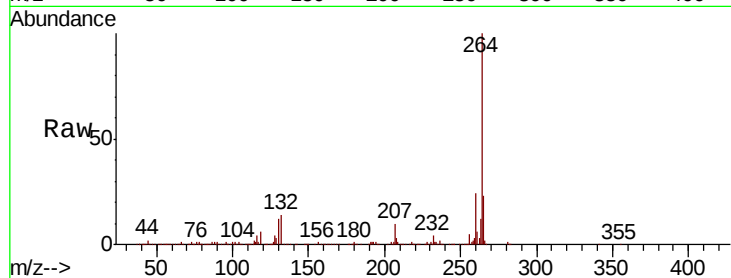




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.00 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

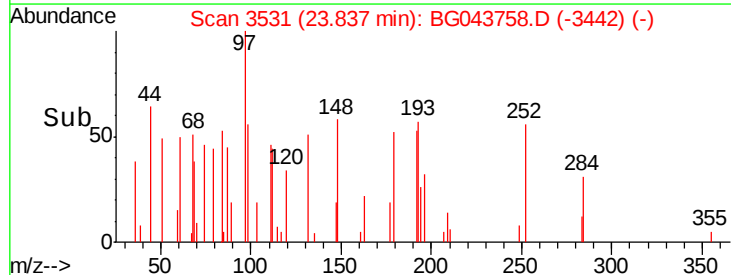
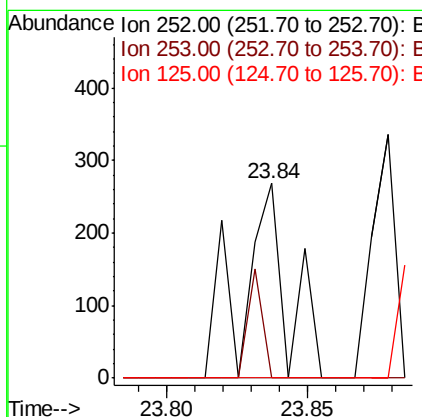
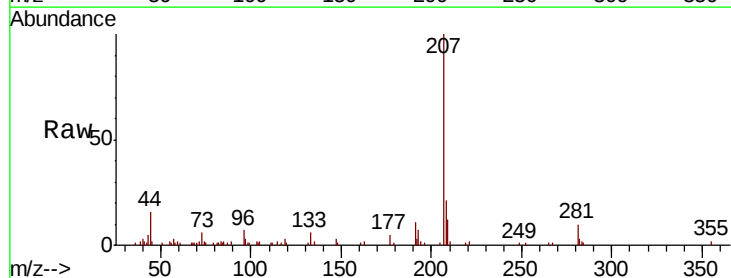
Instrument :
BNA_G
ClientSampleId :

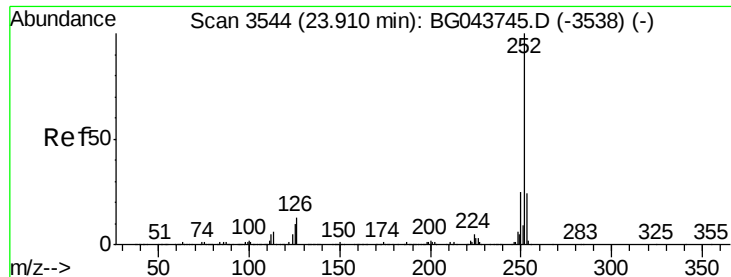
Tot Ion:264 Resp: 569451
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.5 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 23.84 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG043758.D
Acq: 23 Nov 2019 16:23

Tgt Ion:252 Resp: 300
Ion Ratio Lower Upper
252 100
253 0.0 17.7 26.5#
125 0.0 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 0.011 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG043758.D

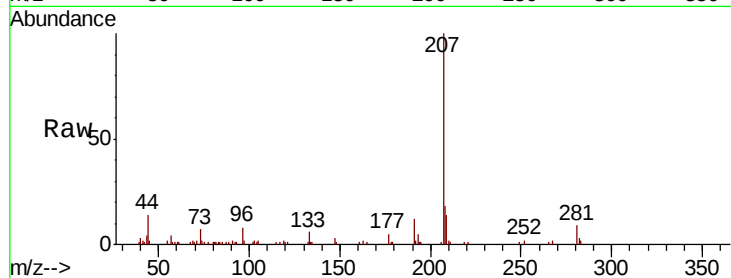
Acq: 23 Nov 2019 16:23

Instrument :

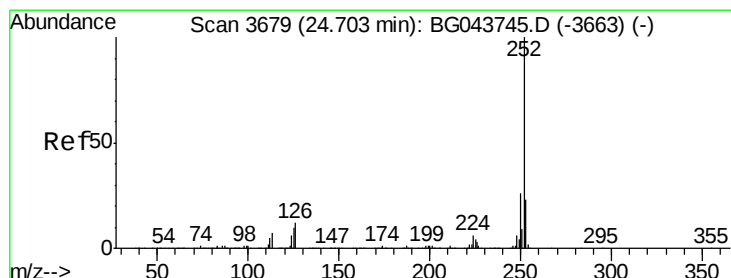
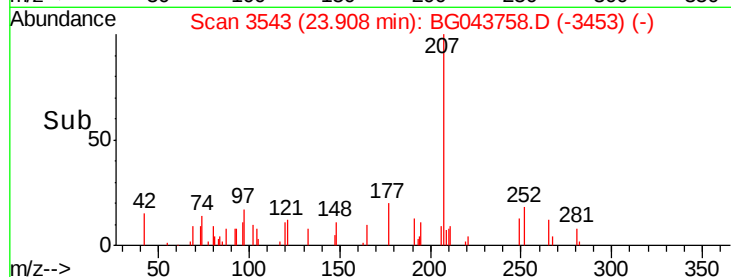
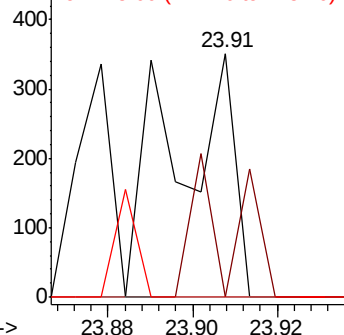
BNA_G

ClientSampled :

Tot Ion:	252	Resp:	356
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.8	28.2#
125	0.0	7.7	11.5#



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



#90

Benzo(a)pyrene

Concen: 0.008 ng

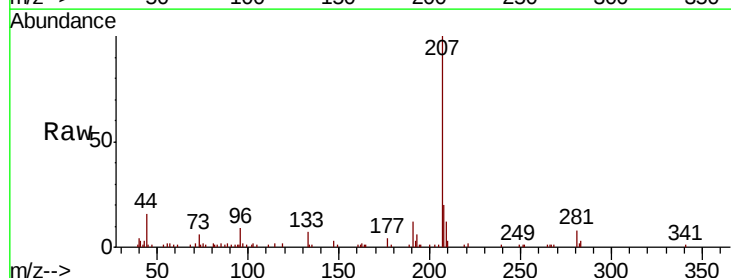
RT: 24.70 min Scan# 3677

Delta R.T. -0.01 min

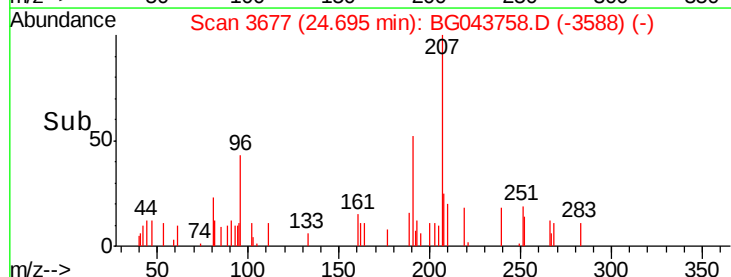
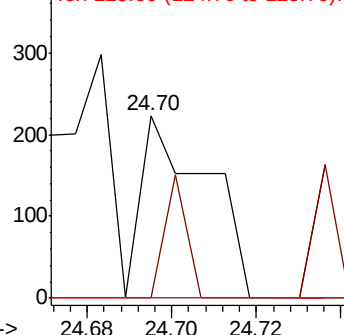
Lab File: BG043758.D

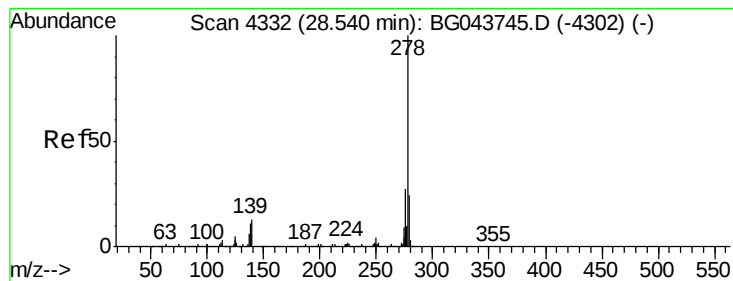
Acq: 23 Nov 2019 16:23

Tgt Ion:	252	Resp:	240
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	8.3	12.5#



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





#91

Dibenzo(a,h)anthracene

Concen: 0.029 ng

RT: 28.51 min Scan# 4326

Delta R.T. -0.03 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

Instrument :

BNA_G

ClientSampled :

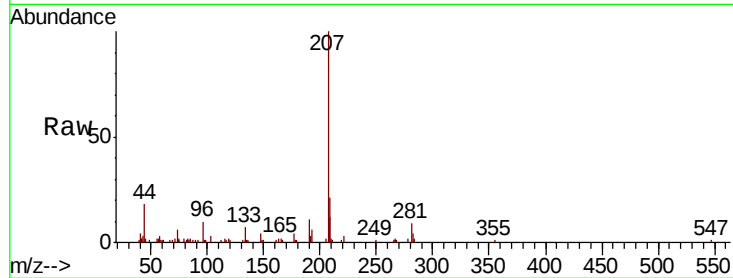
Tot Ion:278 Resp: 885

Ion Ratio Lower Upper

278 100

139 0.0 10.4 15.6#

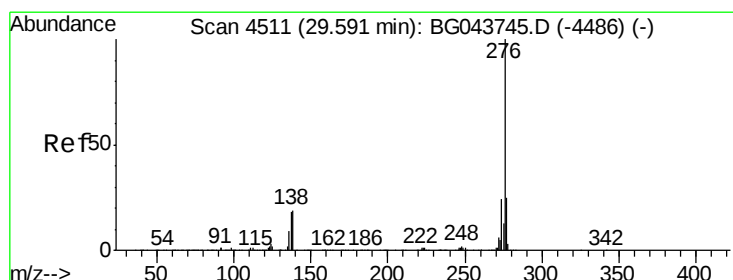
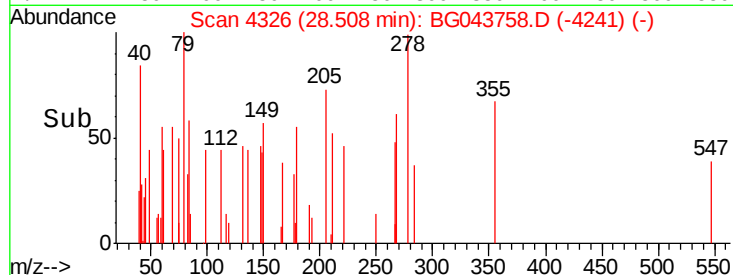
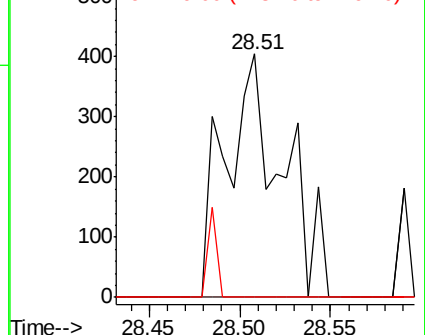
279 0.0 19.3 28.9#



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: 0.013 ng

RT: 29.56 min Scan# 4505

Delta R.T. -0.03 min

Lab File: BG043758.D

Acq: 23 Nov 2019 16:23

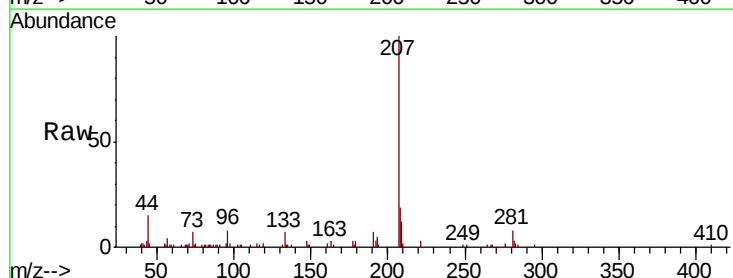
Tgt Ion:276 Resp: 396

Ion Ratio Lower Upper

276 100

277 0.0 19.7 29.5#

138 0.0 14.9 22.3#



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

