

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031471.D
 Acq On : 12 Dec 2017 1:57
 Operator : SJ/JU
 Sample : I6762-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 03:54:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49572	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	214833	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	143659	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	411647	20.00	ng	0.00
75) Chrysene-d12	21.74	240	500016	20.00	ng	0.00
86) Perylene-d12	25.02	264	476641	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	131362	46.97	ng	0.00
7) Phenol-d6	7.28	99	105376	27.14	ng	0.00
23) Nitrobenzene-d5	9.28	82	309836	88.89	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	169826	100.91	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	922799	94.29	ng	0.00
78) Terphenyl-d14	20.06	244	1775149	80.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	134	0.100	ng	# 1
3) Pyridine	3.91	79	60	0.017	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	58	0.035	ng	# 1
6) Aniline	7.64	93	215	0.042	ng	# 1
9) Benzaldehyde	7.27	77	92	0.041	ng	# 5
10) Phenol	7.31	94	4982	1.249	ng	# 87
11) bis(2-Chloroethyl)ether	7.64	93	215	0.066	ng	# 1
15) Benzyl Alcohol	8.44	79	5299	1.745	ng	# 28
17) 2-Methylphenol	8.43	107	63	0.023	ng	# 1
24) Nitrobenzene	9.28	77	1049	0.294	ng	# 38
25) Isophorone	9.86	82	65	0.010	ng	# 69
31) Naphthalene	10.97	128	128	0.012	ng	# 68
45) 1,1'-Biphenyl	13.35	154	1695	0.144	ng	# 1
49) Dimethylphthalate	14.21	163	9834	0.827	ng	# 95
51) Acenaphthene	14.73	154	513	0.058	ng	# 5
59) Diethylphthalate	15.55	149	2846	0.239	ng	# 81
62) Azobenzene	16.12	77	91	0.009	ng	# 48
65) n-Nitrosodiphenylamine	16.22	169	6433	0.534	ng	# 43
70) Phenanthrene	17.51	178	122	0.006	ng	# 60
71) Anthracene	17.53	178	240	0.011	ng	# 15
72) Carbazole	18.08	167	57	0.003	ng	# 59
73) Di-n-butylphthalate	18.42	149	1689	0.076	ng	# 94
74) Fluoranthene	19.54	202	854	0.032	ng	# 65
77) Pyrene	19.89	202	752	0.024	ng	# 65
79) Butylbenzylphthalate	20.75	149	113	0.010	ng	# 76
80) Benzo(a)anthracene	21.74	228	1613	0.053	ng	# 64
81) 3,3'-Dichlorobenzidine	21.59	252	55	0.005	ng	# 26
82) Chrysene	21.74	228	1613	0.056	ng	# 59
83) Bis(2-ethylhexyl)phthalate	21.60	149	2840	0.181	ng	# 98
84) Di-n-octyl phthalate	22.84	149	434	0.017	ng	# 78
87) Benzo(b)fluoranthene	24.01	252	56	0.002	ng	# 59
88) Benzo(k)fluoranthene	24.01	252	56	0.002	ng	# 60
89) Benzo(a)pyrene	24.73	252	112	0.004	ng	# 59
90) Dibenzo(a,h)anthracene	29.06	278	57	0.002	ng	# 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

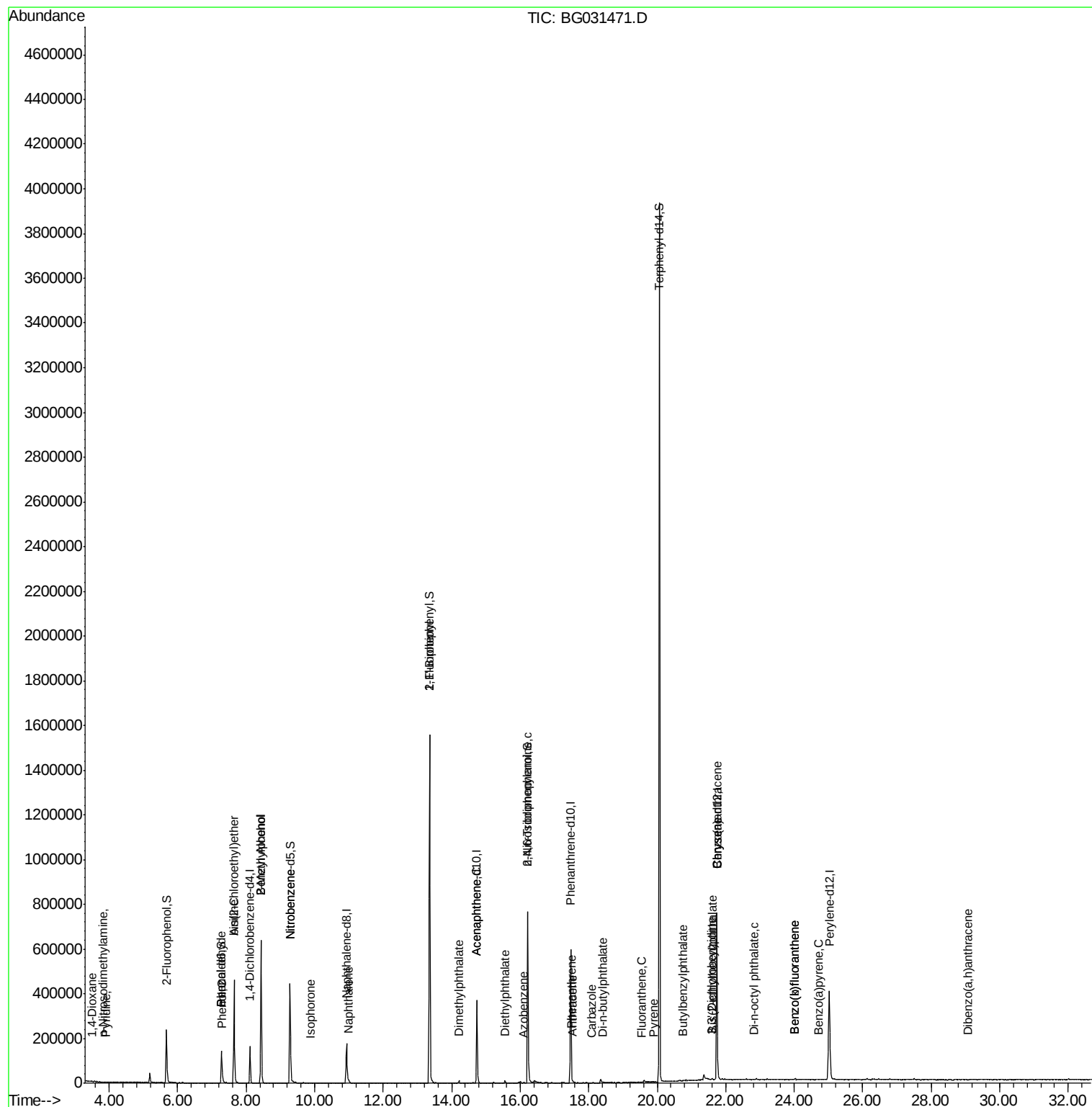
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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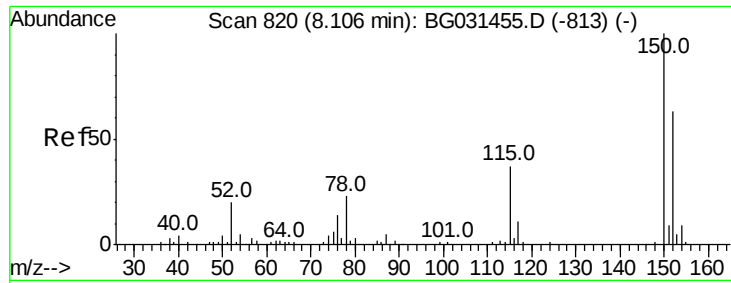
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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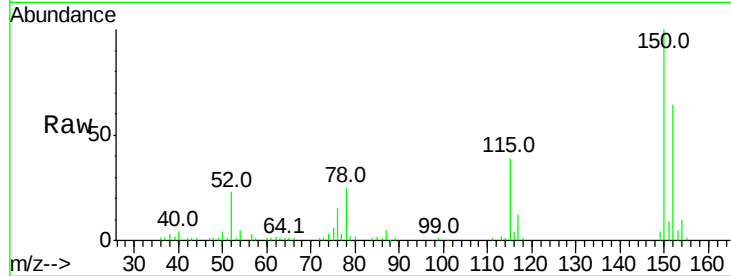


#1

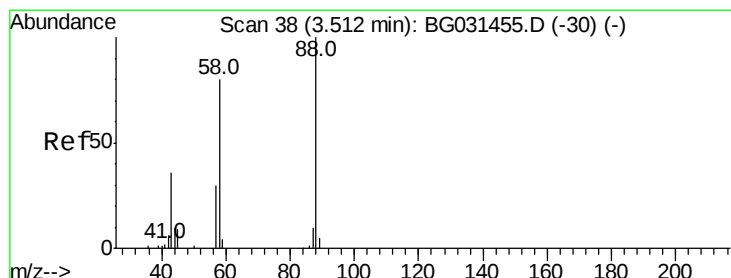
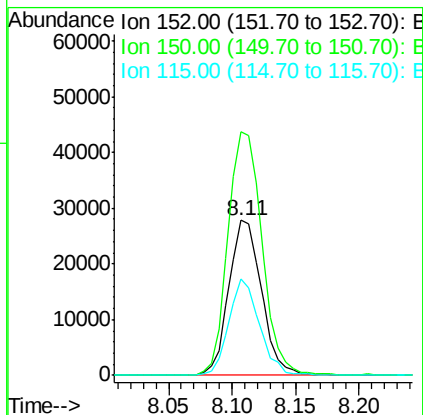
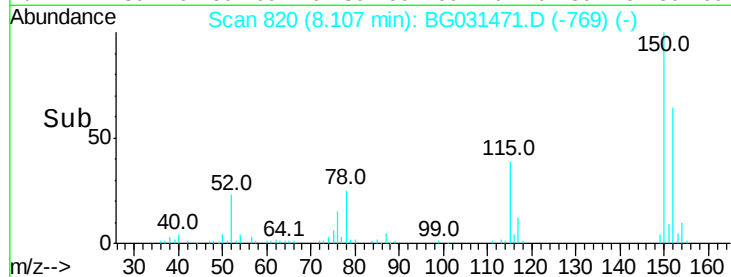
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49572
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 62.0 53.0 79.4



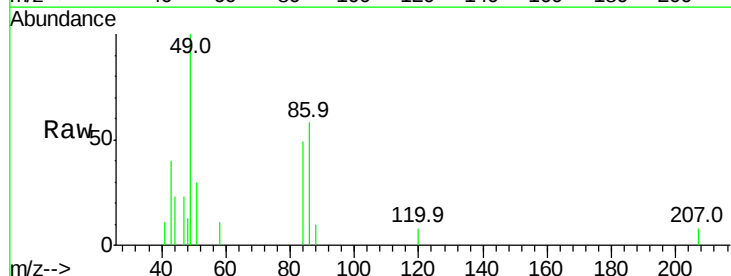
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



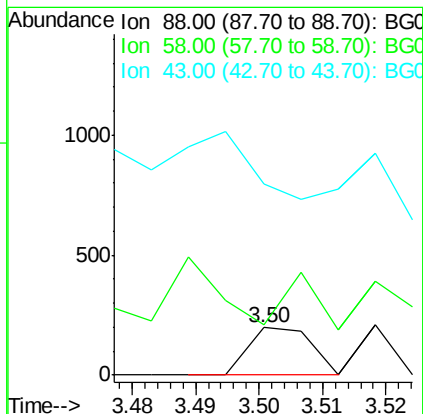
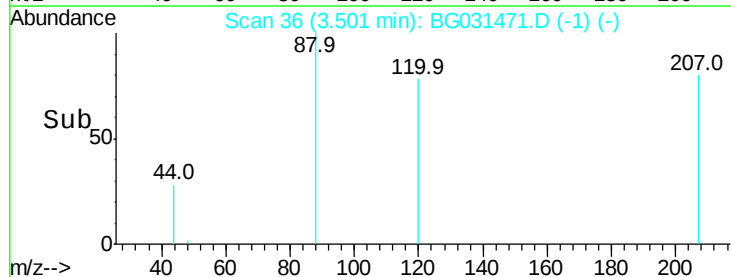
#2

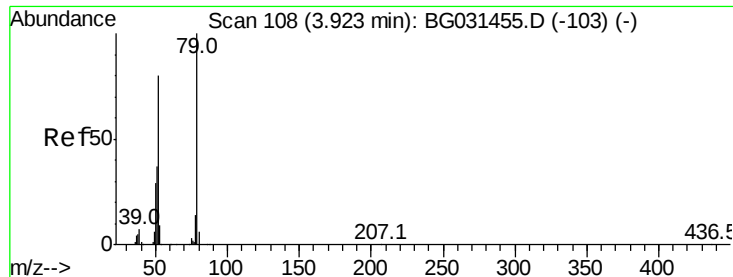
1,4-Dioxane
Concen: 0.100 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Tgt Ion: 88 Resp: 134
Ion Ratio Lower Upper
88 100
58 63.4 79.6 119.4#
43 285.8 27.4 41.0#



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: 0.017 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

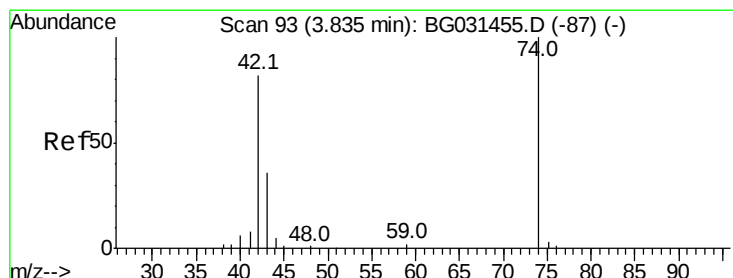
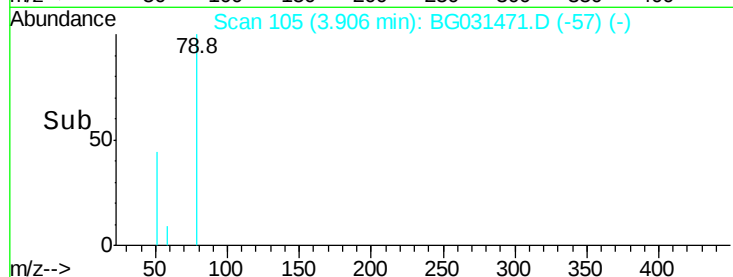
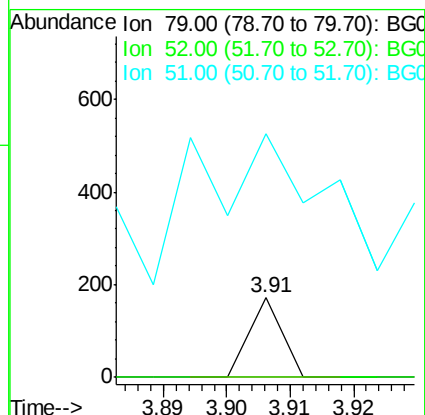
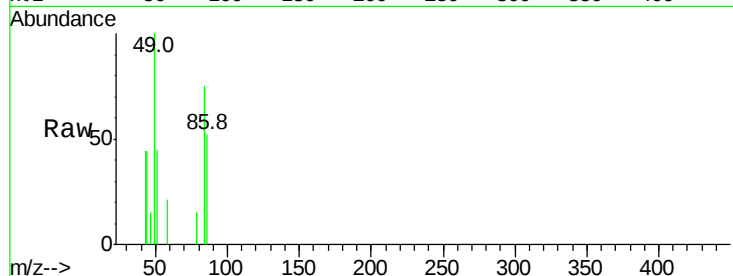
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 60

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.9	104.9#
51	307.6	34.0	51.0#



#4

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.84 min Scan# 93

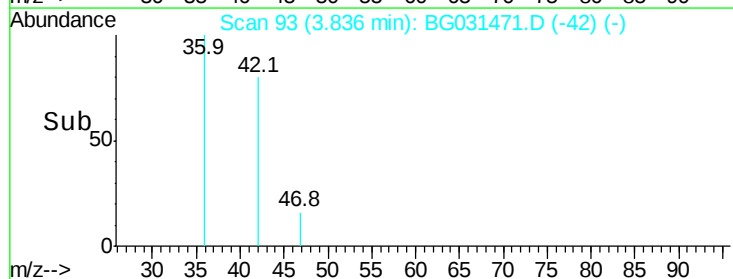
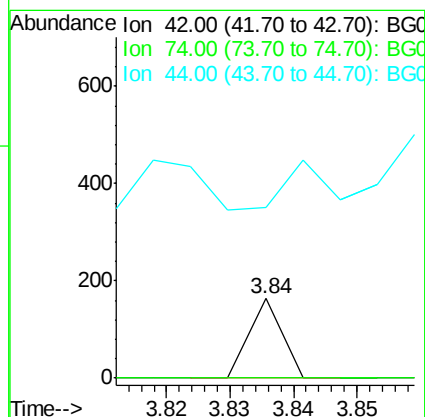
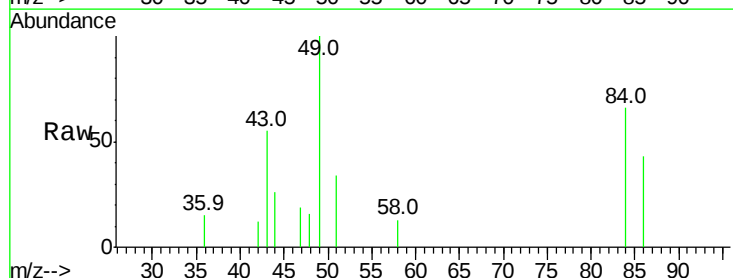
Delta R.T. 0.00 min

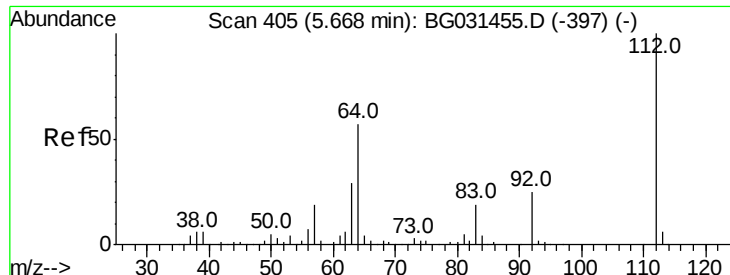
Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Tgt Ion: 42 Resp: 58

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	214.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 46.970 ng

RT: 5.67 min Scan# 405

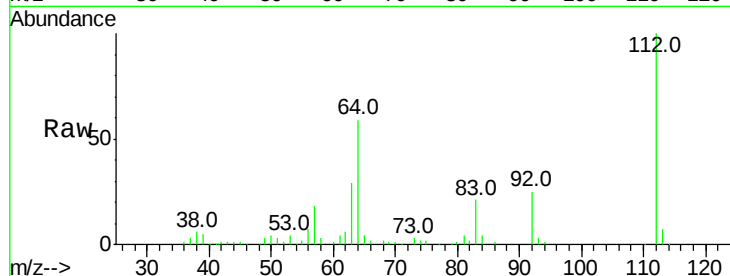
Delta R.T. 0.00 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :
BNA_G
ClientSampleId :

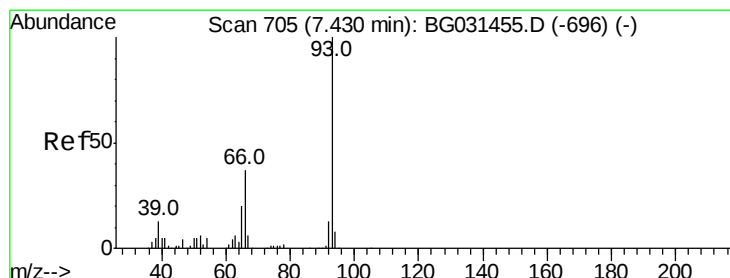
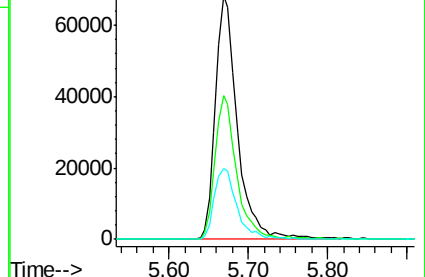
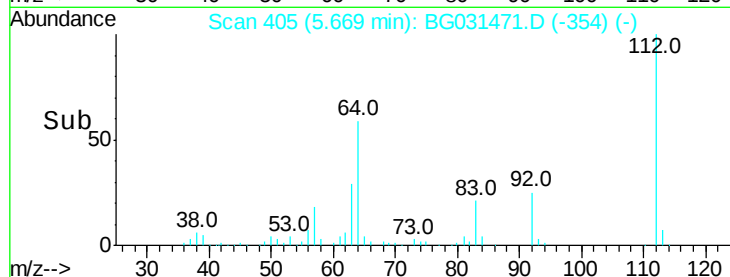
Tot Ion:	112	Resp:	131362
Ion	Ratio	Lower	Upper
112	100		
64	59.1	56.3	84.5
63	29.0	30.1	45.1#



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: 0.042 ng

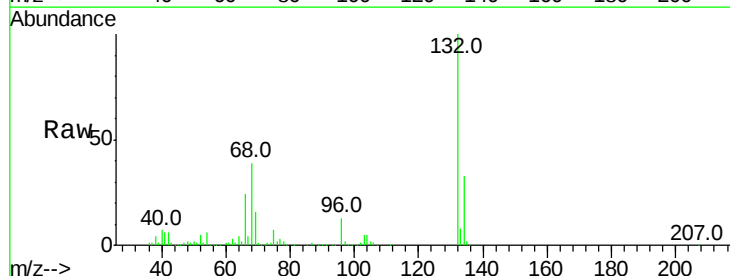
RT: 7.64 min Scan# 741

Delta R.T. 0.21 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

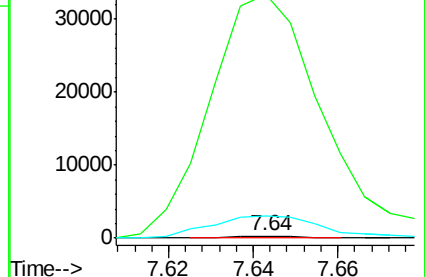
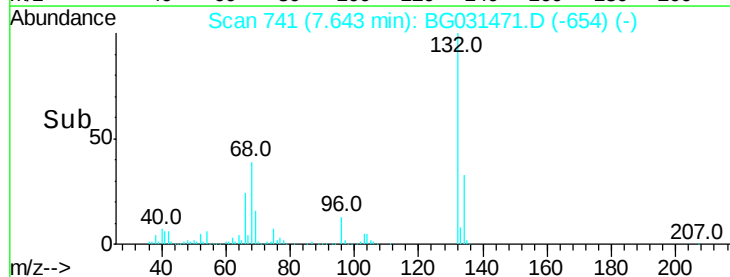
Tgt Ion:	93	Resp:	215
Ion	Ratio	Lower	Upper
93	100		
66	13400.8	33.7	50.5#
65	1197.2	16.1	24.1#

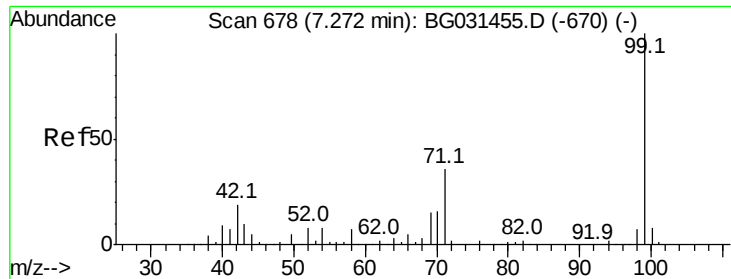


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 27.141 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampleId :

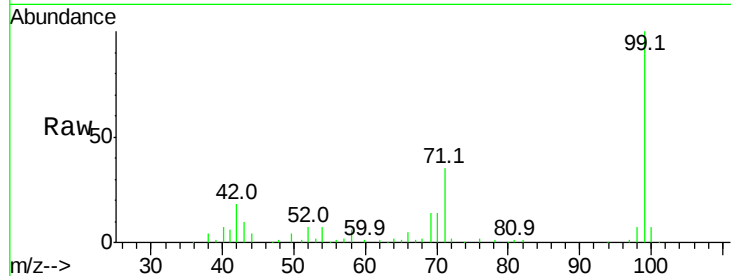
Tot Ion: 99 Resp: 105376

Ion Ratio Lower Upper

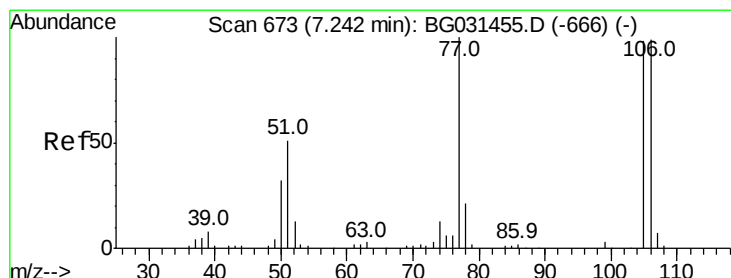
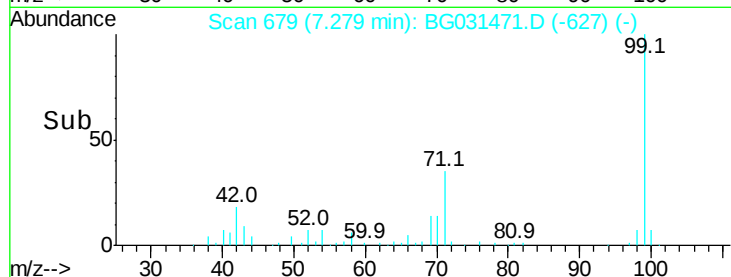
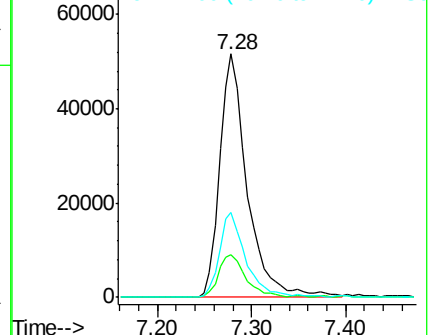
99 100

42 17.8 14.1 21.1

71 34.9 26.1 39.1



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



#9

Benzaldehyde

Concen: 0.041 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.03 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

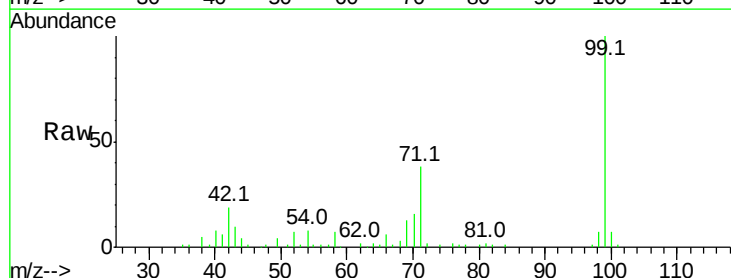
Tgt Ion: 77 Resp: 92

Ion Ratio Lower Upper

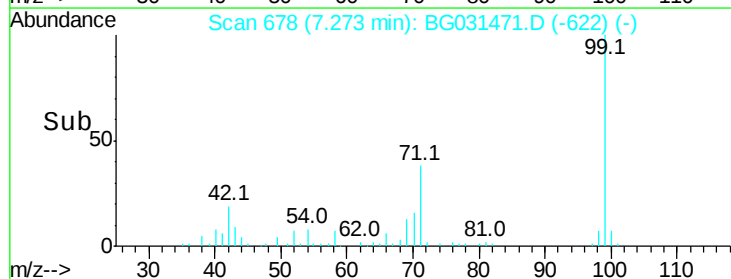
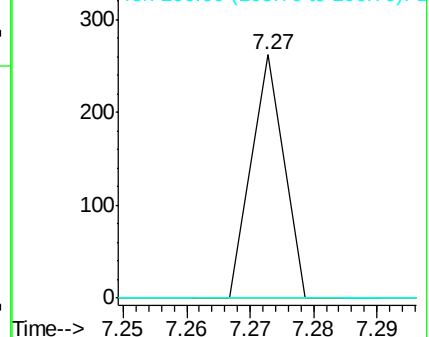
77 100

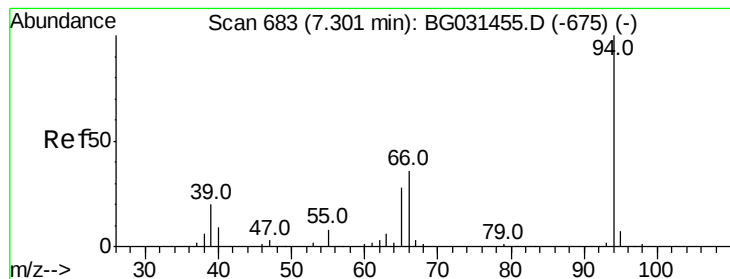
105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



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: 1.249 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampleId :

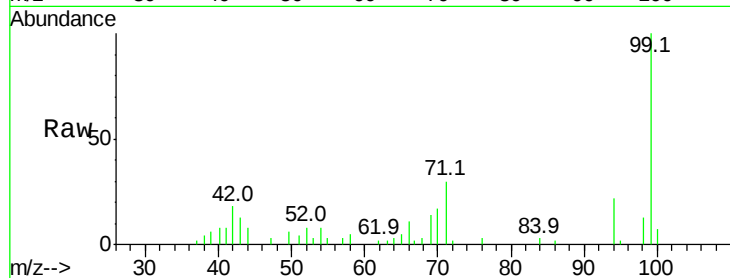
Tot Ion: 94 Resp: 4982

Ion Ratio Lower Upper

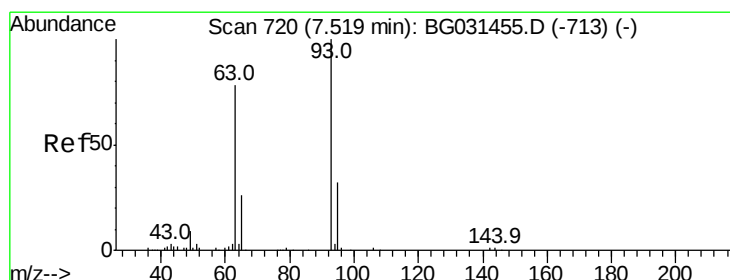
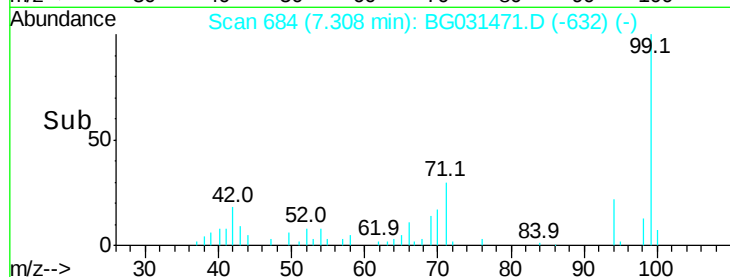
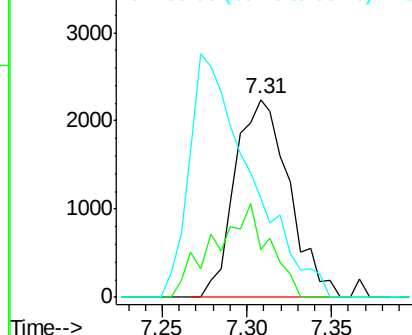
94 100

65 23.9 11.9 51.9

66 50.1 22.2 62.2



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



#11

bis(2-Chloroethyl)ether

Concen: 0.066 ng

RT: 7.64 min Scan# 741

Delta R.T. 0.12 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

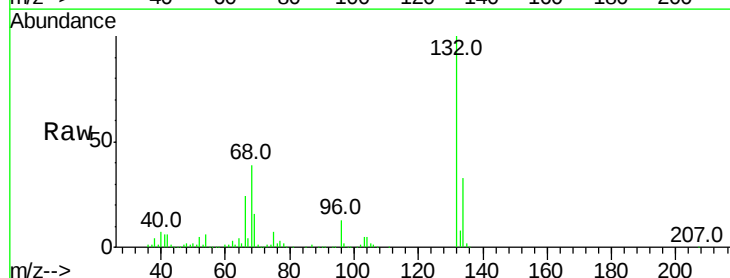
Tgt Ion: 93 Resp: 215

Ion Ratio Lower Upper

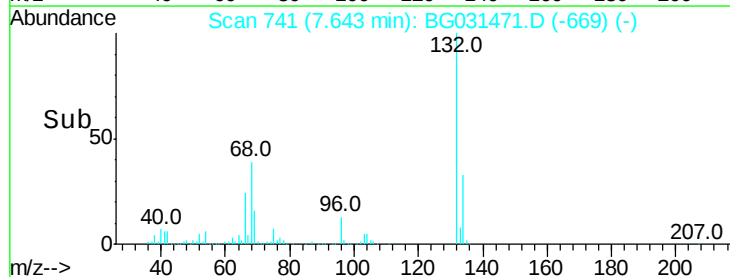
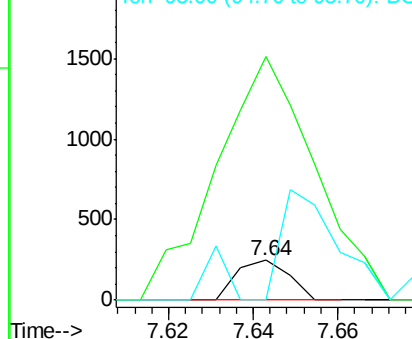
93 100

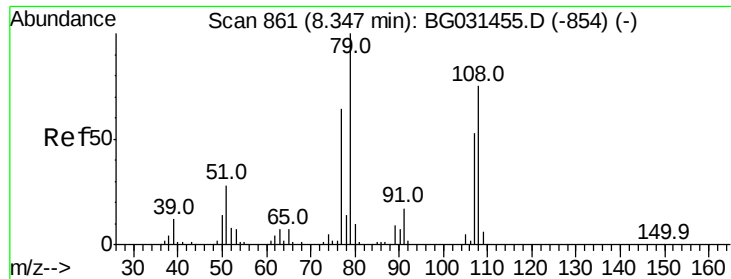
63 607.6 67.1 107.1#

95 0.0 11.5 51.5#



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





#15

Benzyl Alcohol

Concen: 1.745 ng

RT: 8.44 min Scan# 876

Delta R.T. 0.09 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampleId :

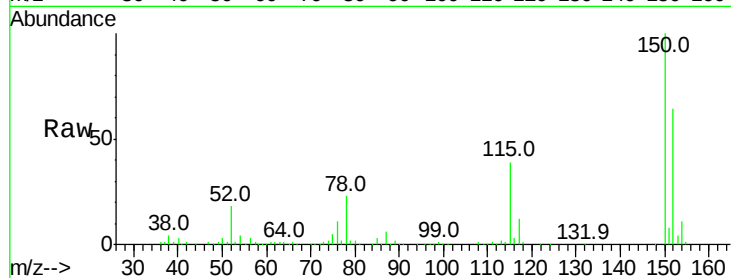
Tot Ion: 79 Resp: 5299

Ion Ratio Lower Upper

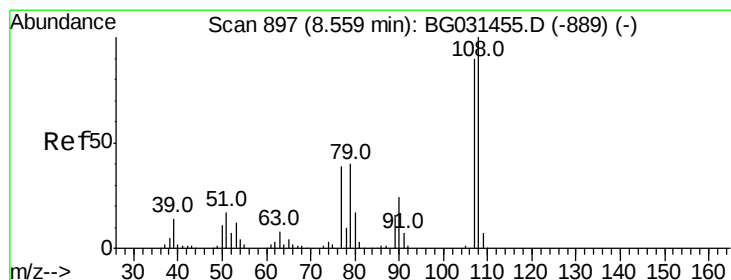
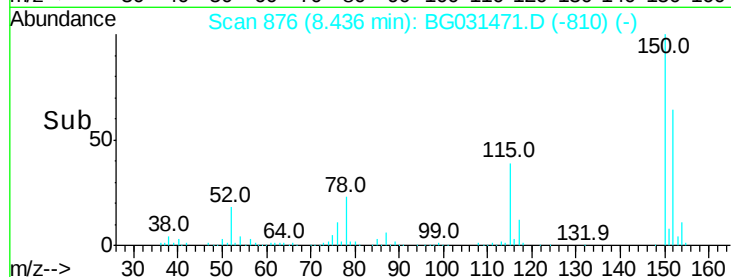
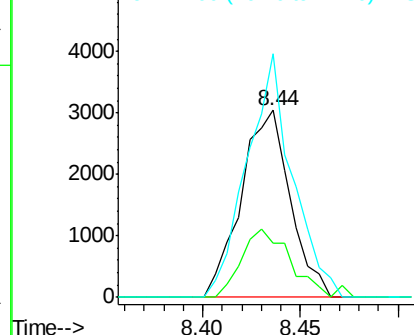
79 100

108 28.9 57.2 85.8#

77 130.1 46.1 69.1#



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



#17

2-Methylphenol

Concen: 0.023 ng

RT: 8.43 min Scan# 875

Delta R.T. -0.13 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Tgt Ion: 107 Resp: 63

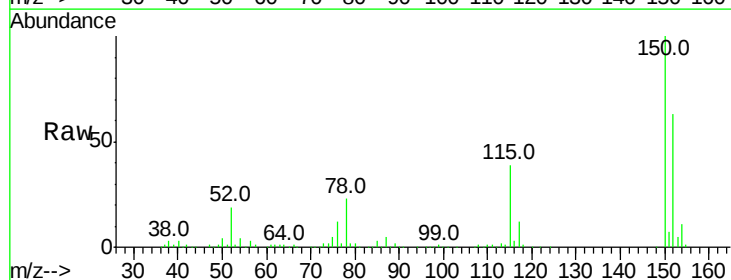
Ion Ratio Lower Upper

107 100

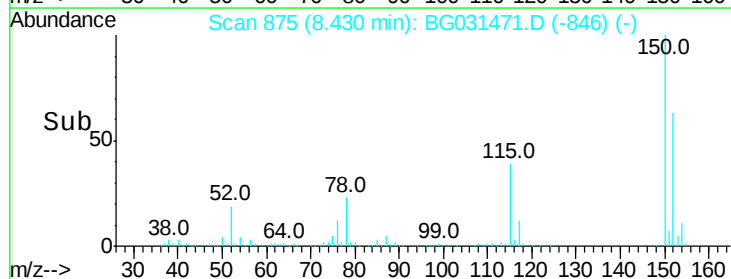
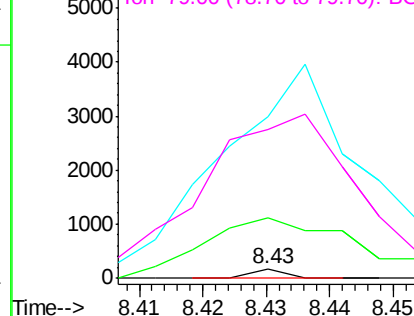
108 624.2 83.9 125.9#

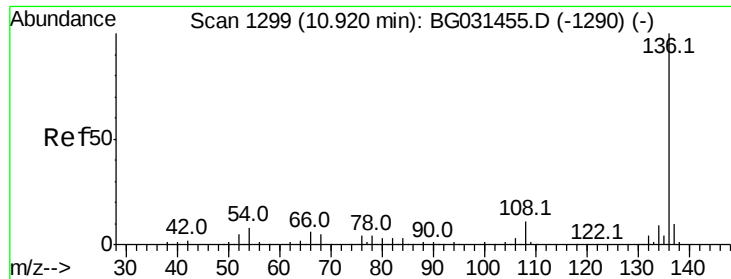
77 1680.3 37.2 55.8#

79 1547.2 36.2 54.2#



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

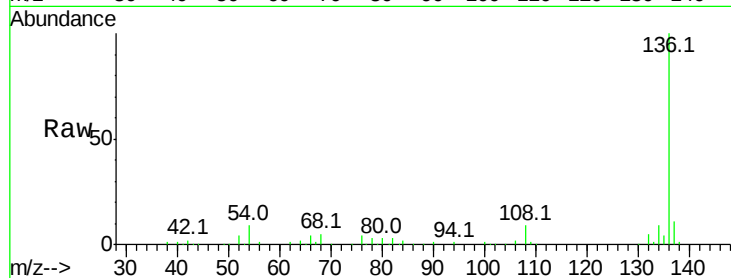




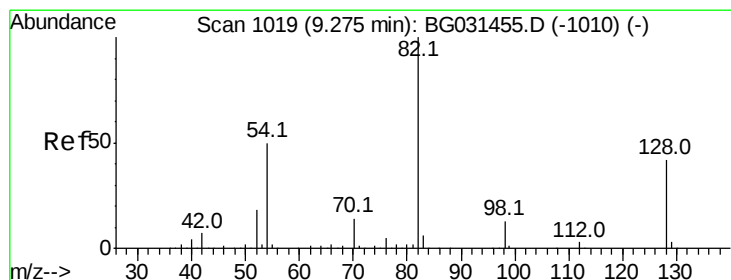
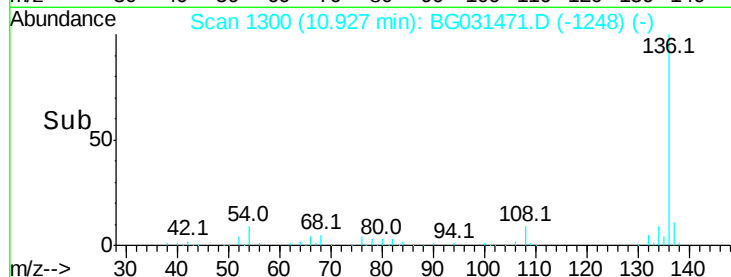
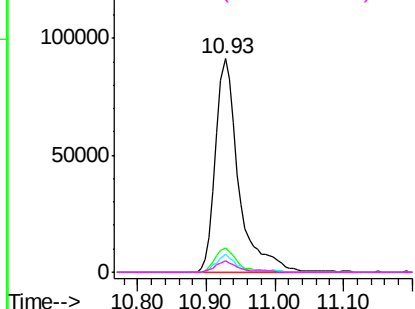
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.6	10.3	15.5
68	5.1	4.5	6.7

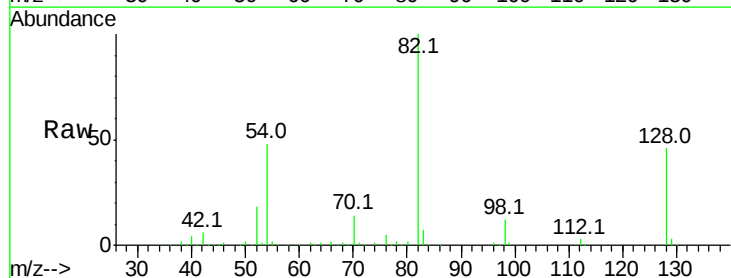


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

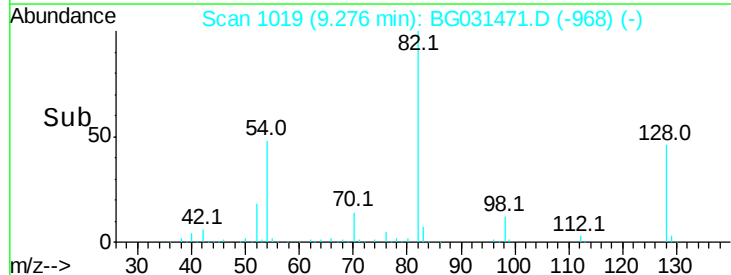
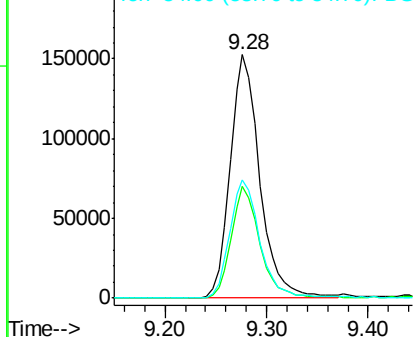


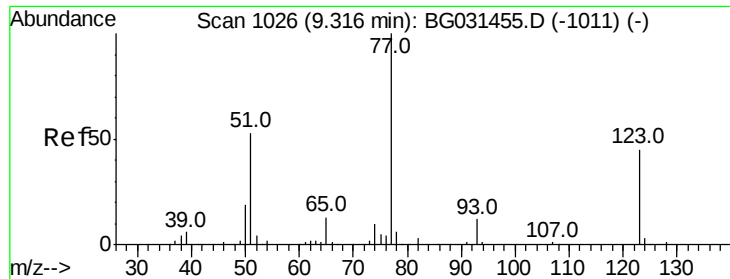
#23
Nitrobenzene-d5
Concen: 88.893 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5
54	48.3	43.1	64.7



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





#24

Nitrobenzene

Concen: 0.294 ng

RT: 9.28 min Scan# 1020

Delta R.T. -0.03 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampled :

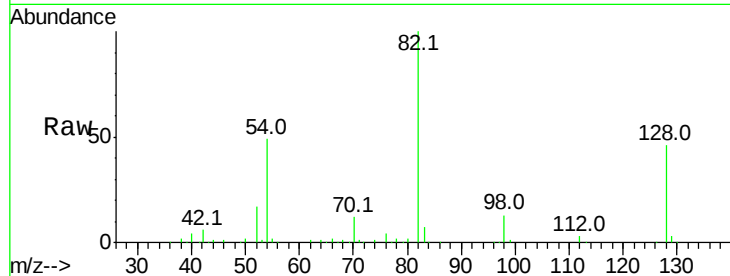
Tot Ion: 77 Resp: 1049

Ion Ratio Lower Upper

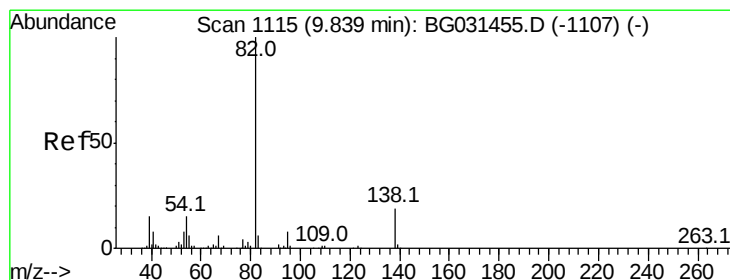
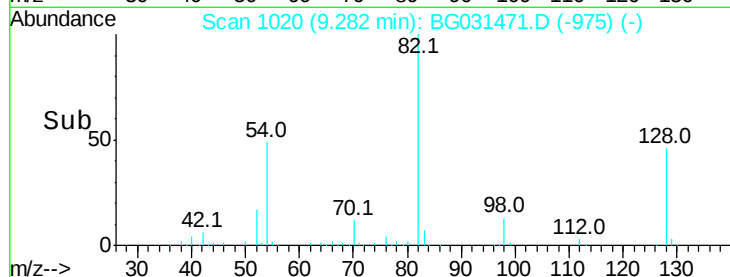
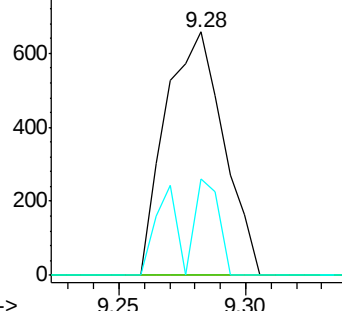
77 100

123 0.0 33.0 49.6#

65 39.4 13.0 19.6#



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



#25

Isophorone

Concen: 0.010 ng

RT: 9.86 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

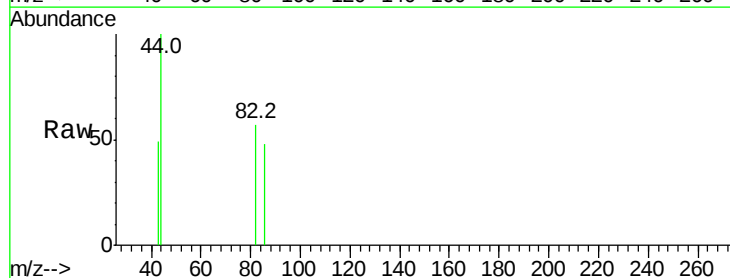
Tgt Ion: 82 Resp: 65

Ion Ratio Lower Upper

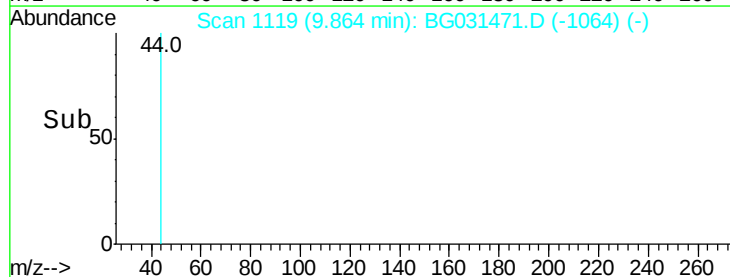
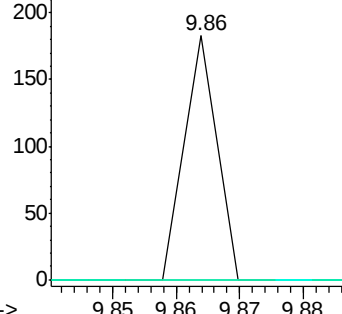
82 100

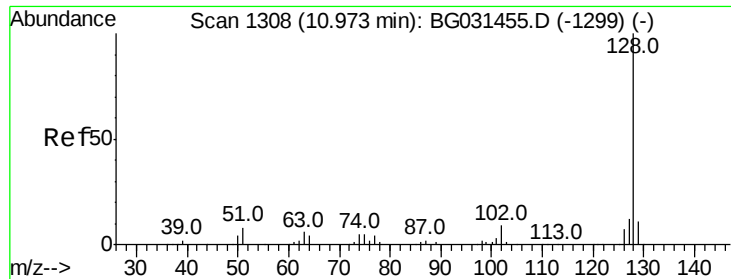
95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



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

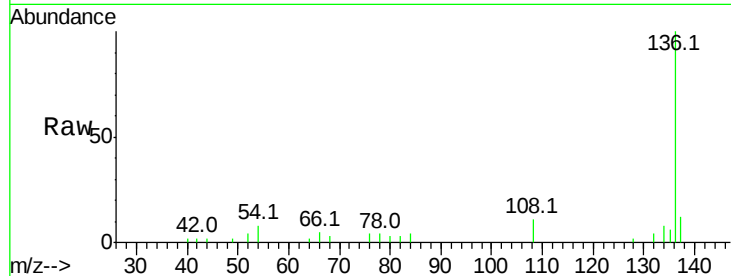




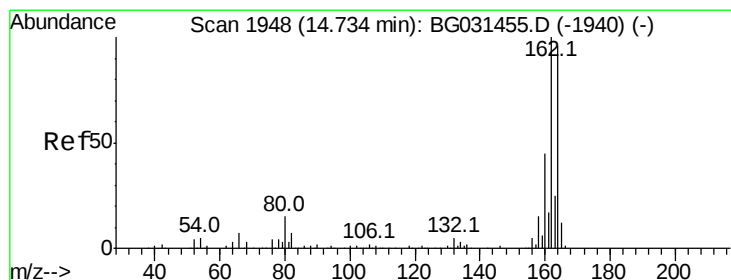
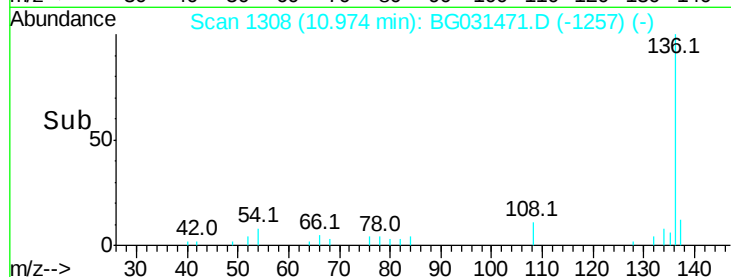
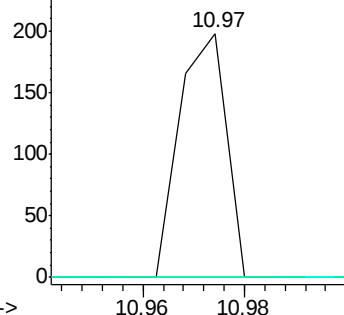
#31
Naphthalene
Concen: 0.012 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 128
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#

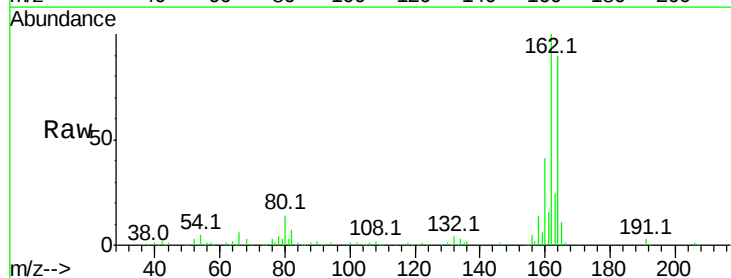


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

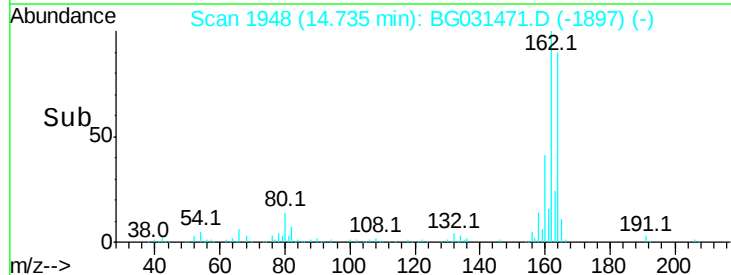
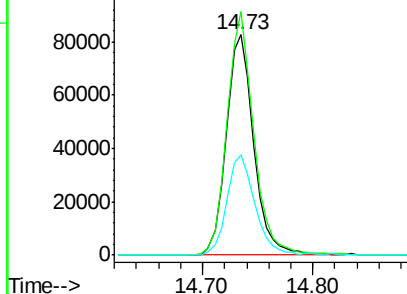


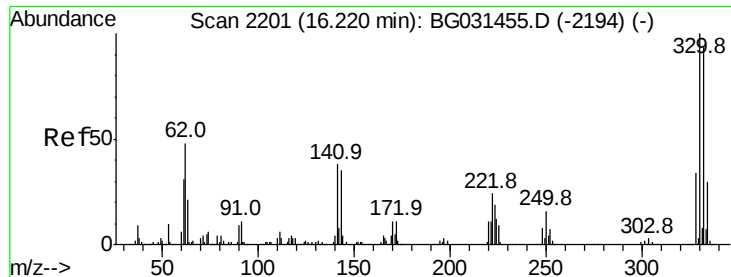
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Tgt Ion:164 Resp: 143659
Ion Ratio Lower Upper
164 100
162 110.7 78.8 118.2
160 45.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

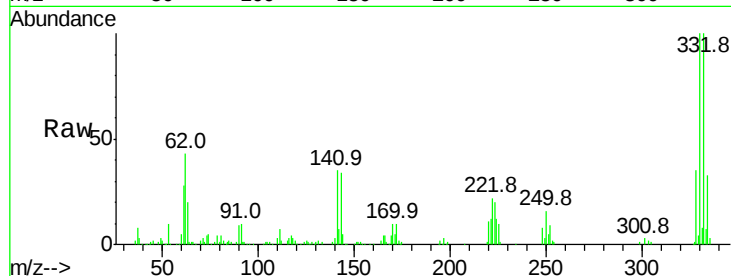




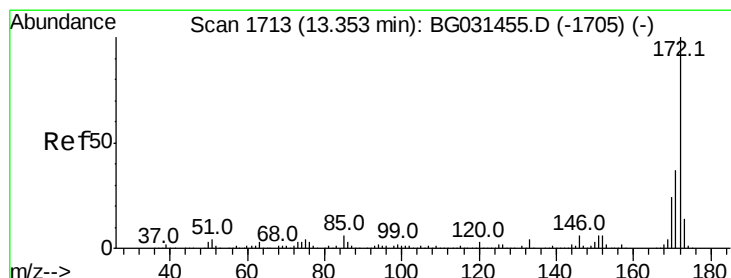
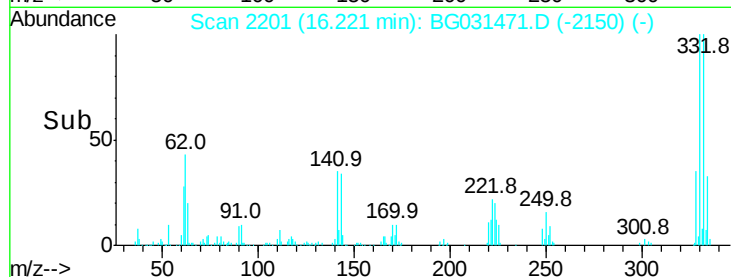
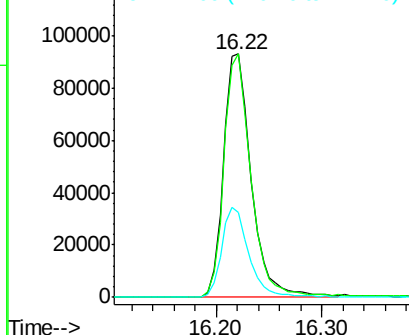
#41
 2,4,6-Tribromophenol
 Concen: 100.905 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031471.D
 Acq: 12 Dec 2017 1:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	36.5	25.2	37.8

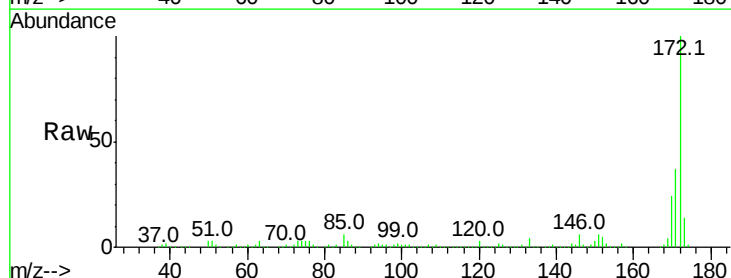


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

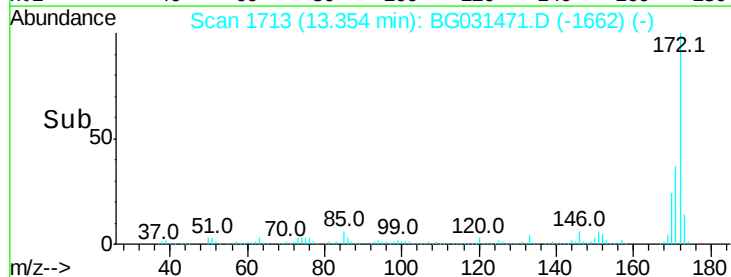
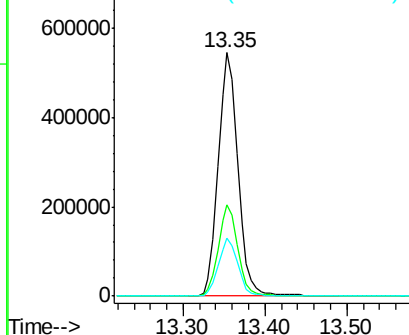


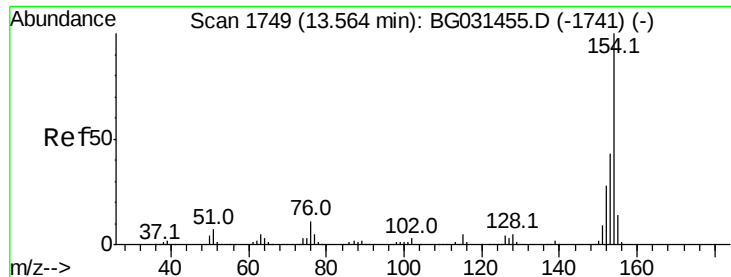
#44
 2-Fluorobiphenyl
 Concen: 94.289 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031471.D
 Acq: 12 Dec 2017 1:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.9	19.5	29.3



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





#45

1,1'-Biphenyl

Concen: 0.144 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.22 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampleId :

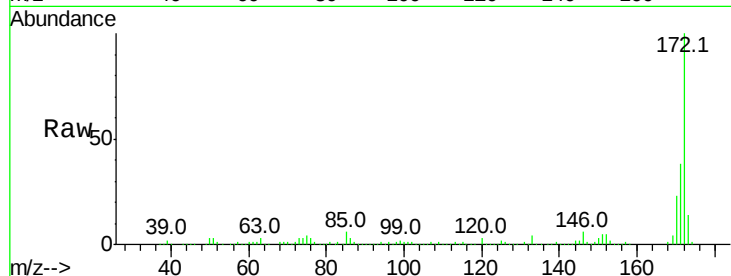
Tot Ion:154 Resp: 1695

Ion Ratio Lower Upper

154 100

153 767.2 19.8 59.8#

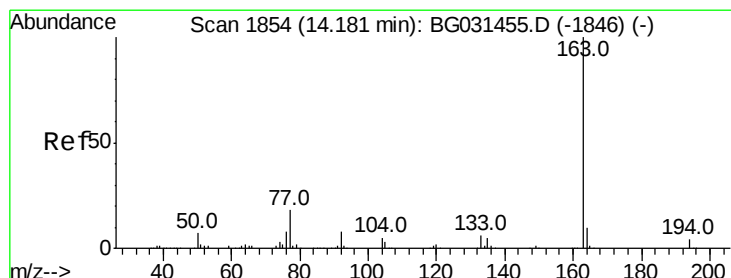
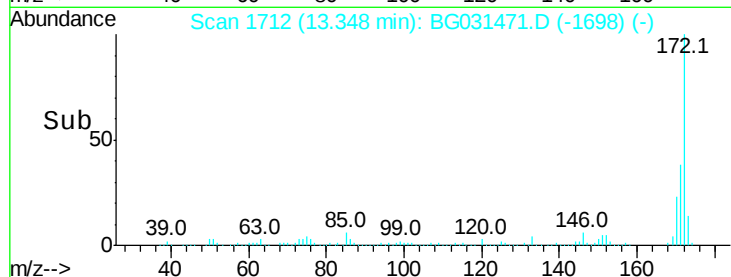
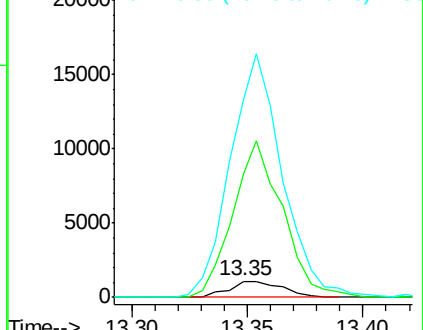
76 1227.4 0.0 31.9#



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): BGC



#49

Dimethylphthalate

Concen: 0.827 ng

RT: 14.21 min Scan# 1859

Delta R.T. 0.03 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

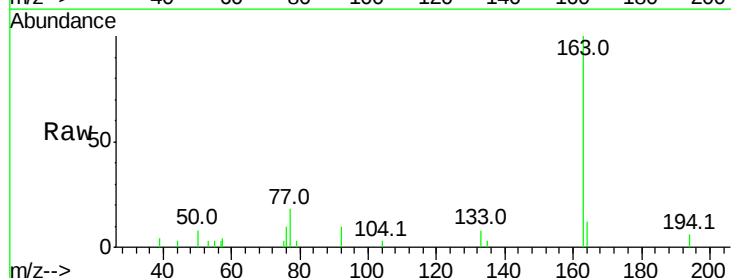
Tgt Ion:163 Resp: 9834

Ion Ratio Lower Upper

163 100

194 6.3 3.4 5.2#

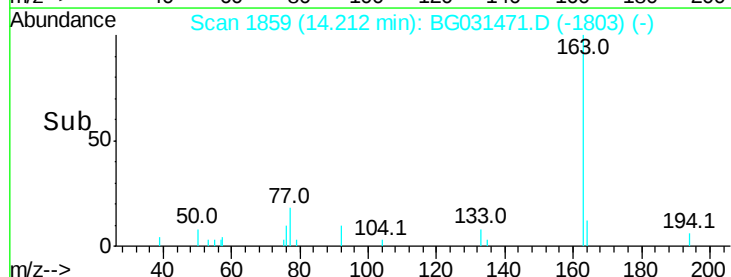
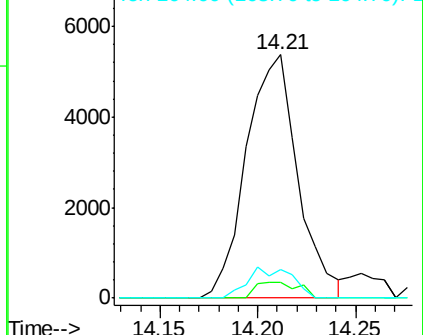
164 11.7 8.2 12.4

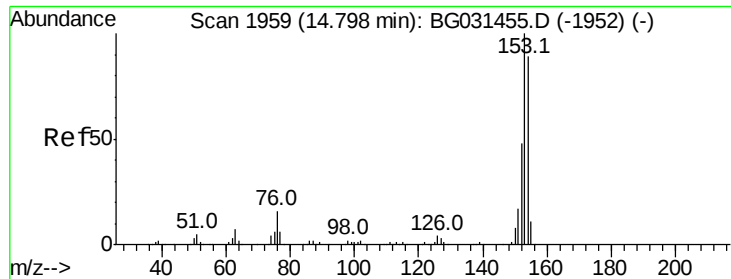


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.058 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.07 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampled :

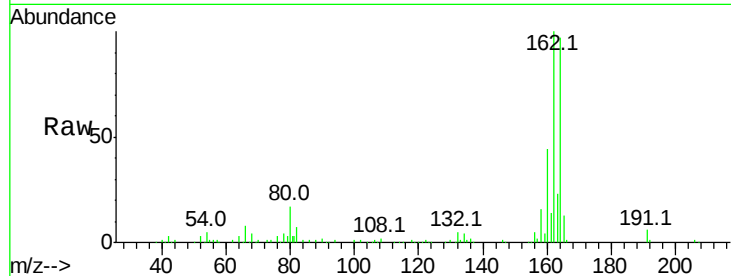
Tot Ion:154 Resp: 513

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

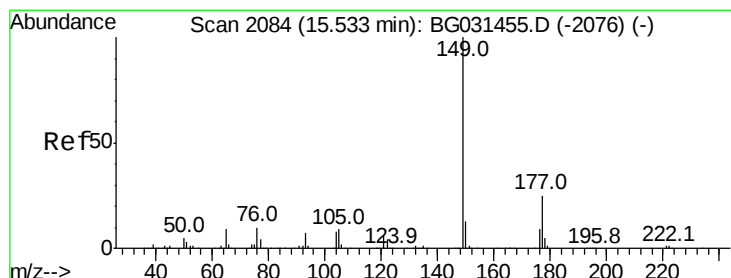
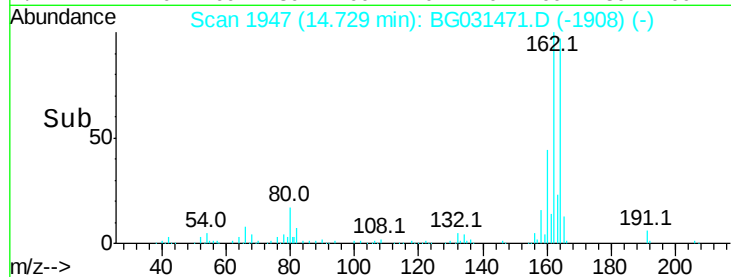
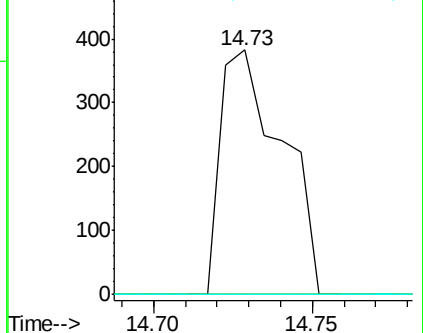
152 0.0 41.6 62.4#



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



#59

Diethylphthalate

Concen: 0.239 ng

RT: 15.55 min Scan# 2087

Delta R.T. 0.02 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

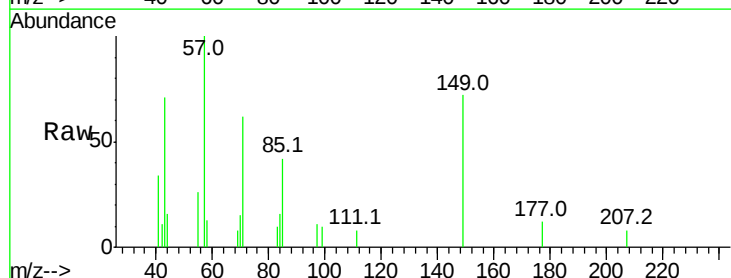
Tgt Ion:149 Resp: 2846

Ion Ratio Lower Upper

149 100

177 17.2 18.5 27.7#

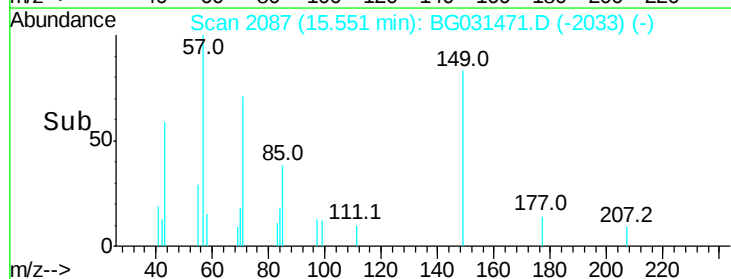
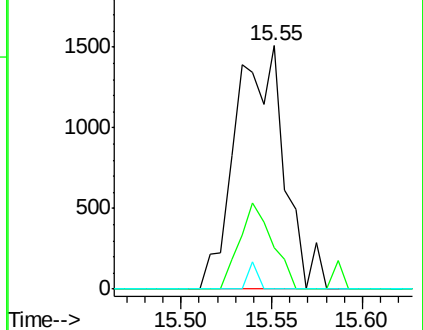
150 0.0 10.2 15.2#

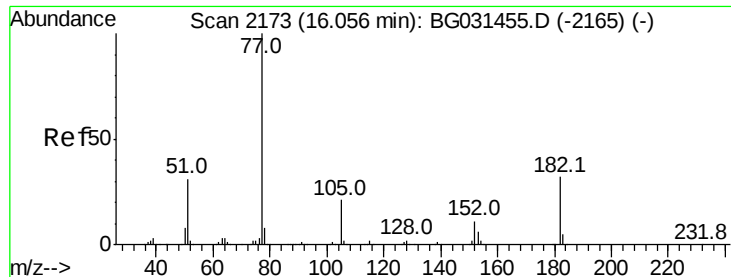


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.009 ng

RT: 16.12 min Scan# 2183

Delta R.T. 0.06 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 91

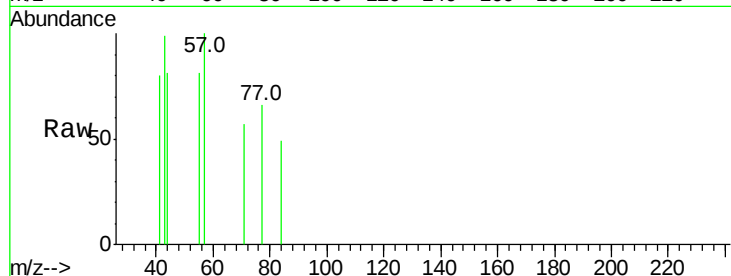
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#

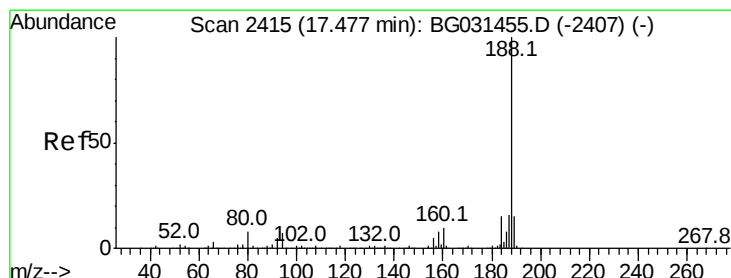
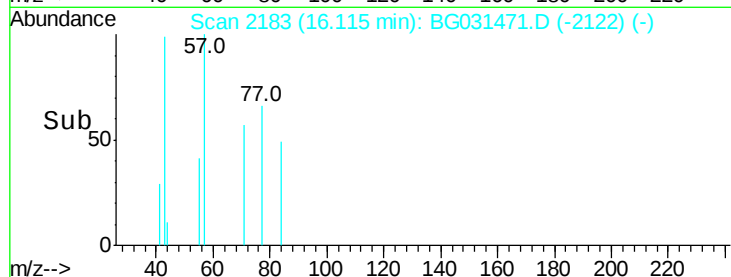
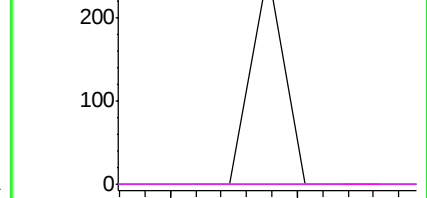


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

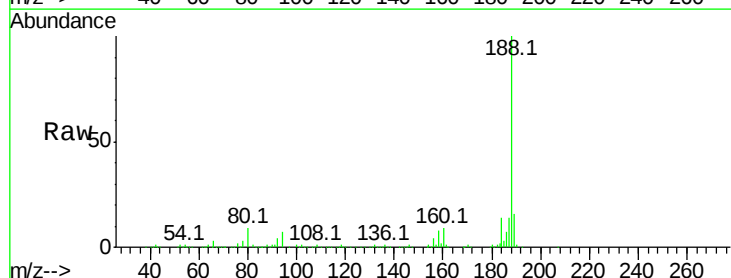
Tgt Ion: 188 Resp: 411647

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

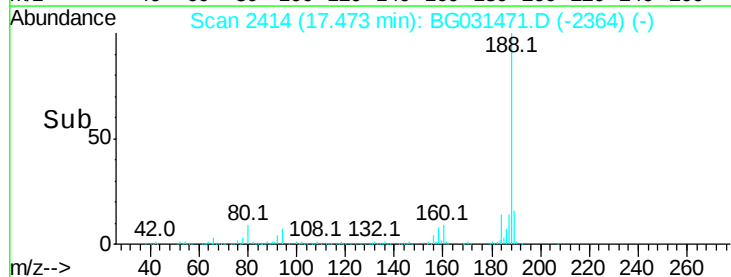
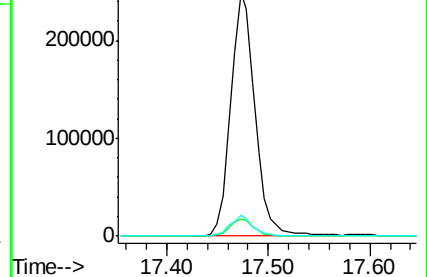
80 8.6 7.7 11.5

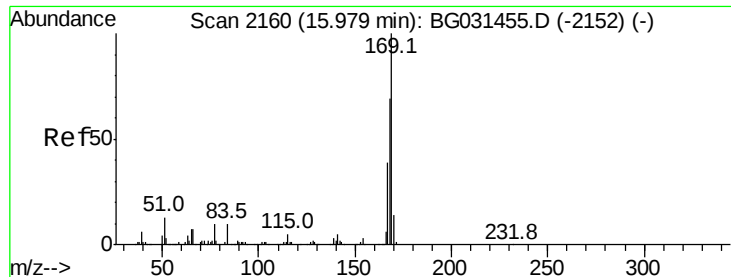


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

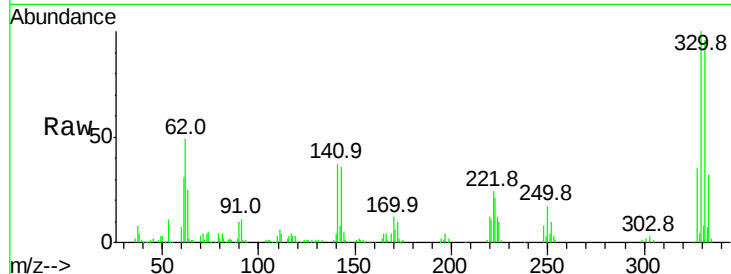




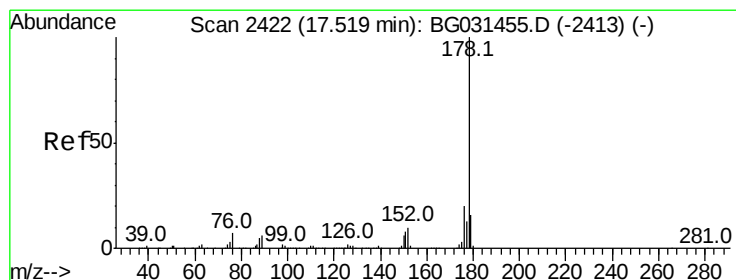
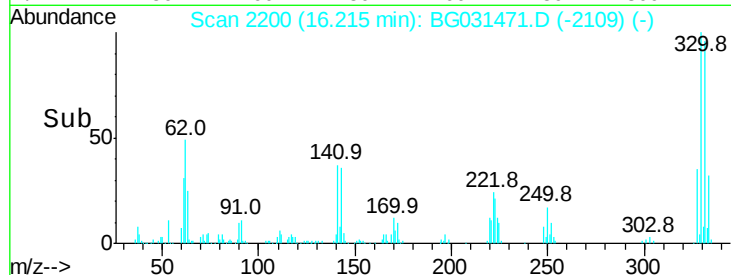
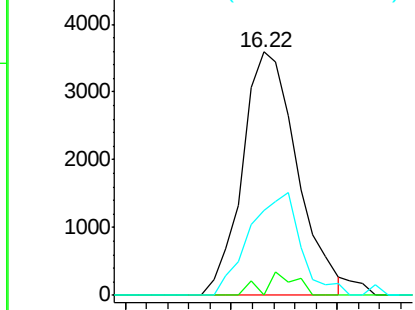
#65
n-Nitrosodiphenylamine
Concen: 0.534 ng
RT: 16.22 min Scan# 2200
Delta R.T. 0.24 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 6433
Ion Ratio Lower Upper
169 100
168 0.0 55.7 83.5#
167 34.8 30.1 45.1

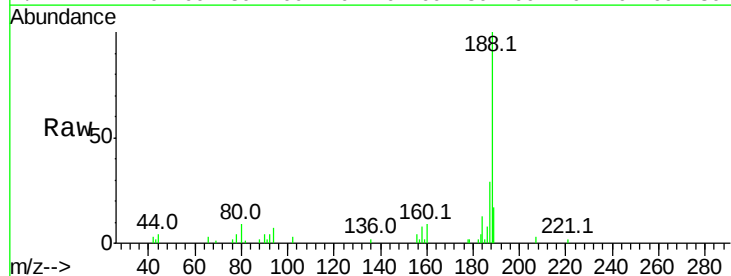


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

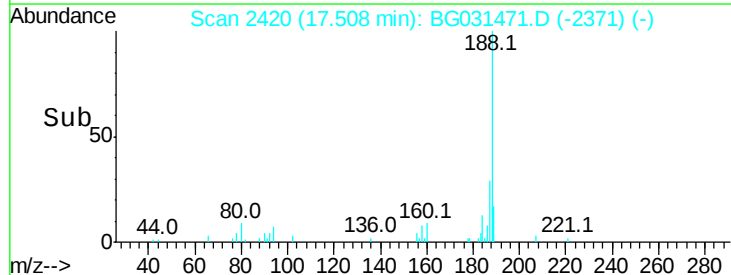
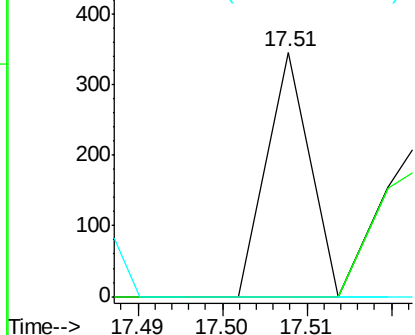


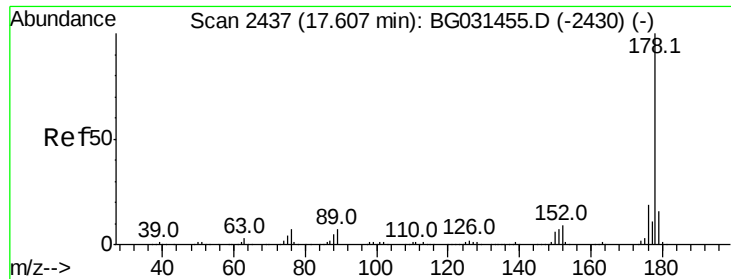
#70
Phenanthrene
Concen: 0.006 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Tgt Ion:178 Resp: 122
Ion Ratio Lower Upper
178 100
176 0.0 15.7 23.5#
179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

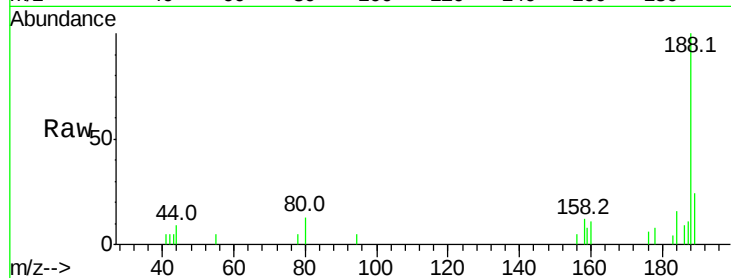




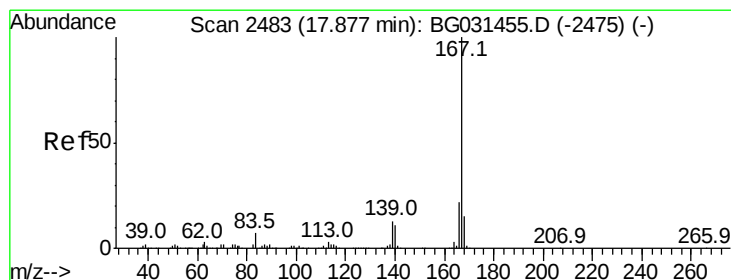
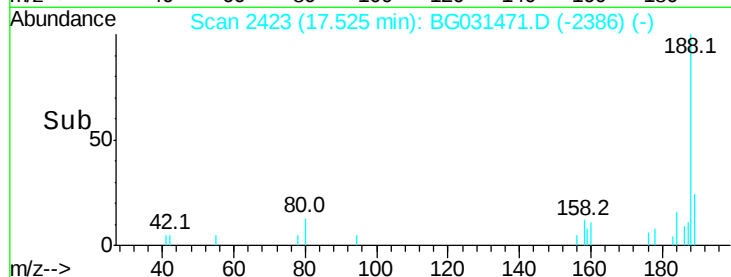
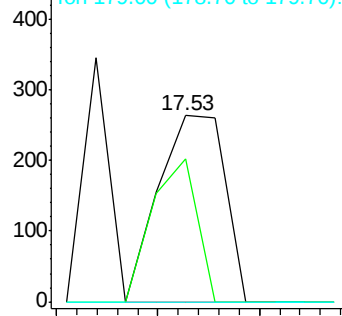
#71
 Anthracene
 Concen: 0.011 ng
 RT: 17.53 min Scan# 2423
 Delta R.T. -0.08 min
 Lab File: BG031471.D
 Acq: 12 Dec 2017 1:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 240
 Ion Ratio Lower Upper
 178 100
 176 76.5 16.0 24.0#
 179 0.0 12.5 18.7#

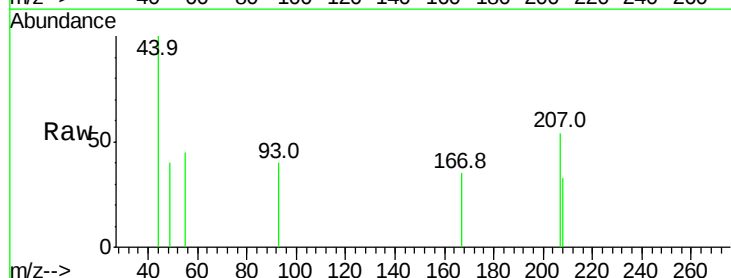


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

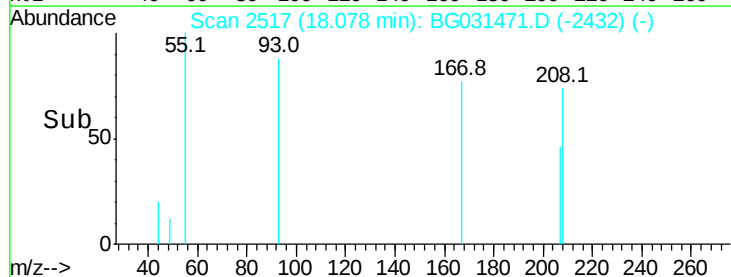
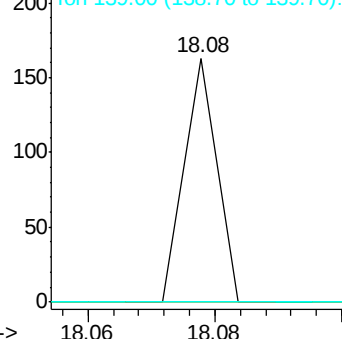


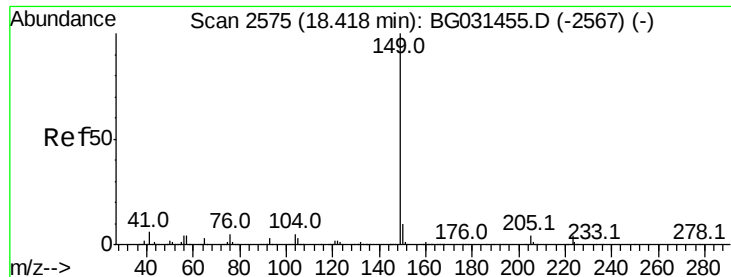
#72
 Carbazole
 Concen: 0.003 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. 0.20 min
 Lab File: BG031471.D
 Acq: 12 Dec 2017 1:57

Tgt Ion:167 Resp: 57
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 9.4 14.2#



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

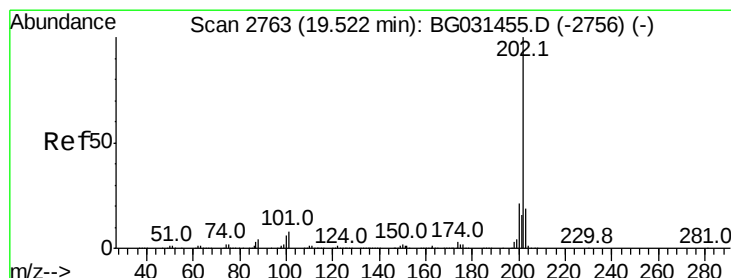
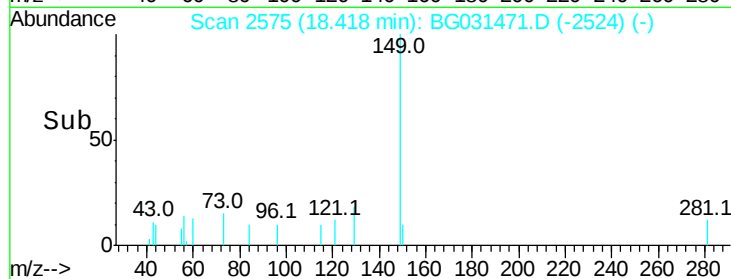
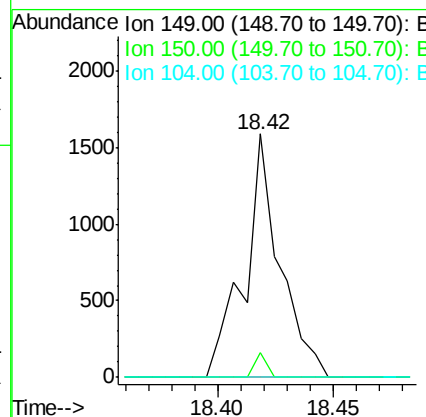
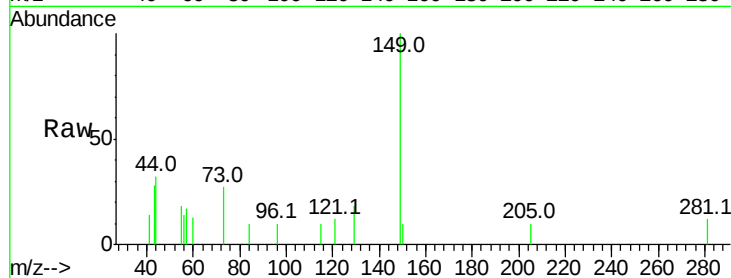




#73
Di-n-butylphthalate
Concen: 0.076 ng
RT: 18.42 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

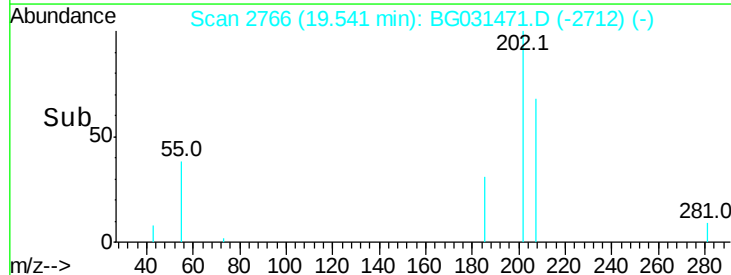
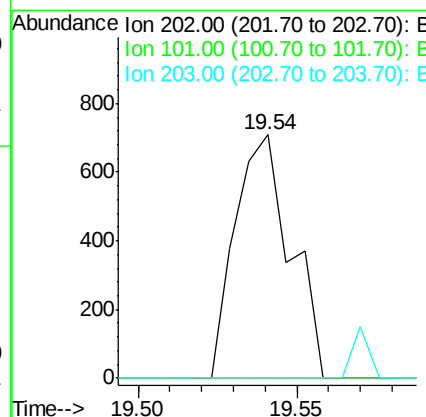
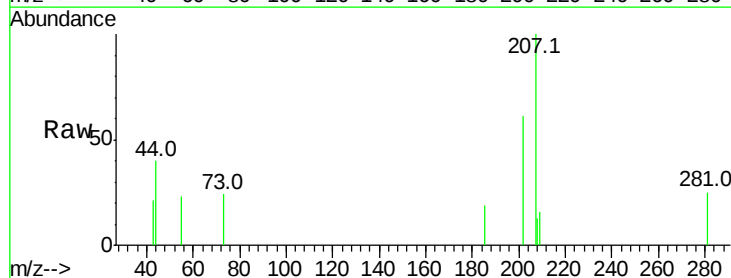
Instrument :
BNA_G
ClientSampleId :

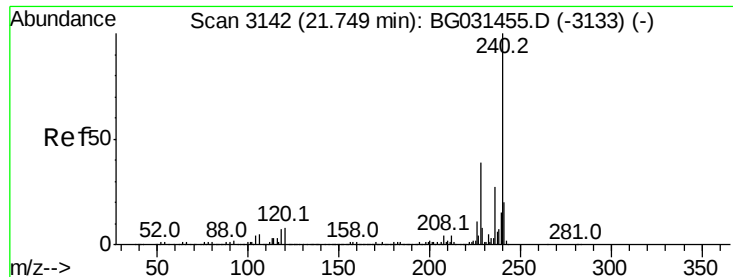
Tot Ion:149 Resp: 1689
Ion Ratio Lower Upper
149 100
150 10.3 7.8 11.6
104 0.0 3.9 5.9#



#74
Fluoranthene
Concen: 0.032 ng
RT: 19.54 min Scan# 2766
Delta R.T. 0.02 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Tgt Ion:202 Resp: 854
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.9
203 0.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampleId :

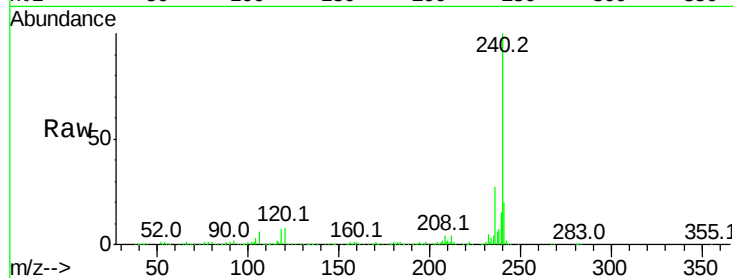
Tot Ion:240 Resp: 500016

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

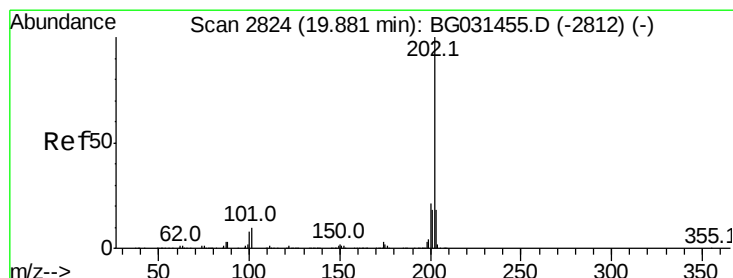
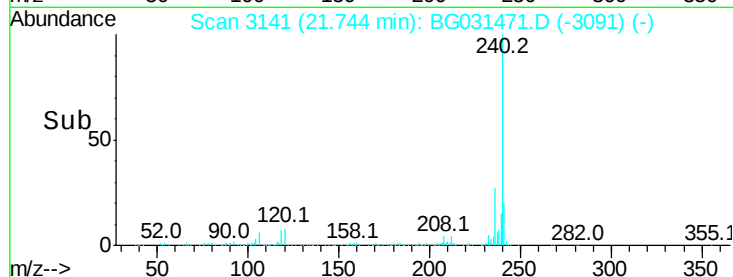
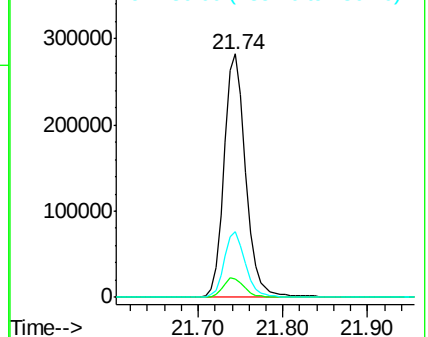
236 27.0 20.9 31.3



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

Pyrene

Concen: 0.024 ng

RT: 19.89 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

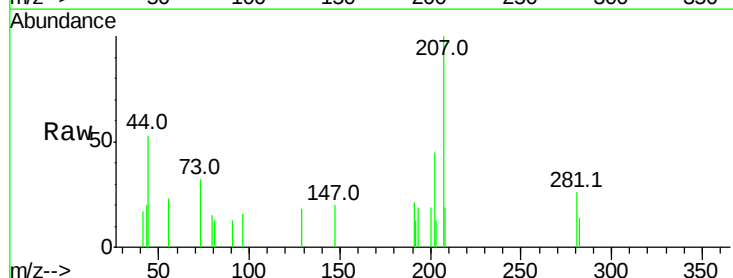
Tgt Ion:202 Resp: 752

Ion Ratio Lower Upper

202 100

200 41.2 16.9 25.3#

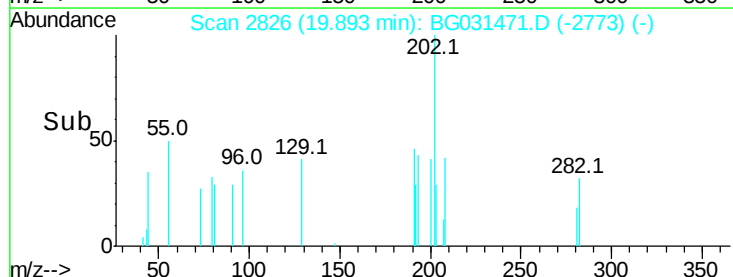
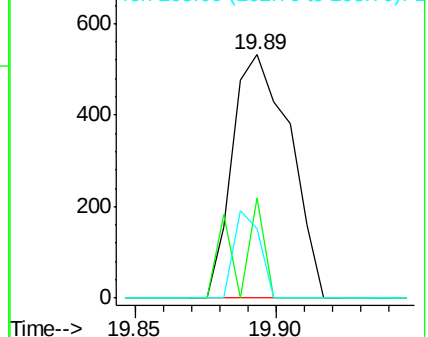
203 28.8 13.9 20.9#

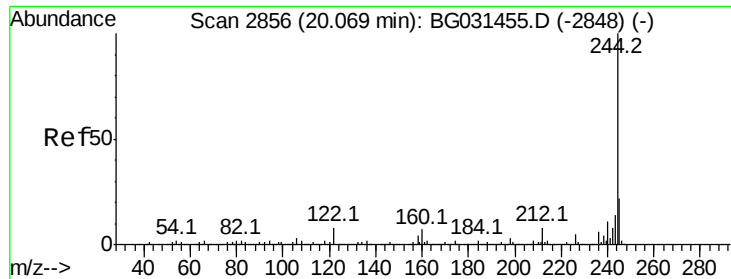


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.772 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampleId :

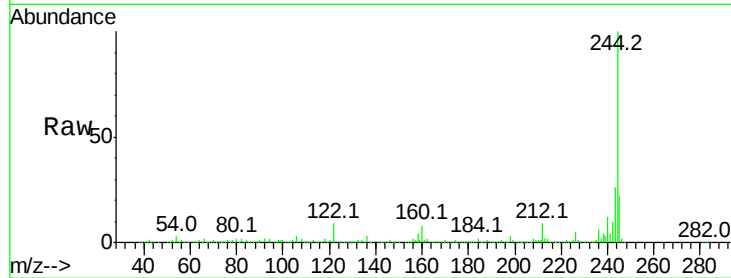
Tot Ion:244 Resp: 1775149

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

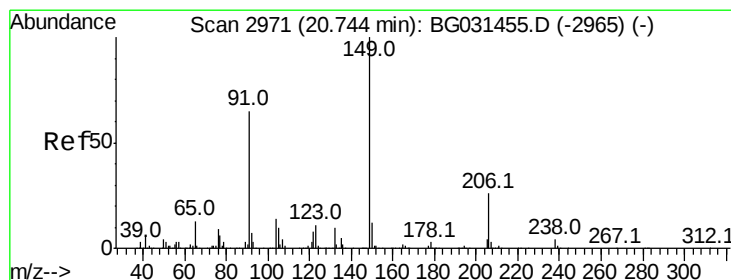
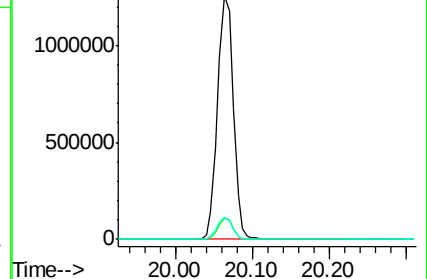
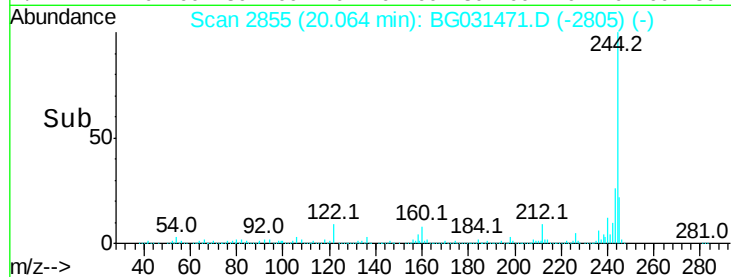
122 9.0 7.0 10.4



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



#79

Butylbenzylphthalate

Concen: 0.010 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.01 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

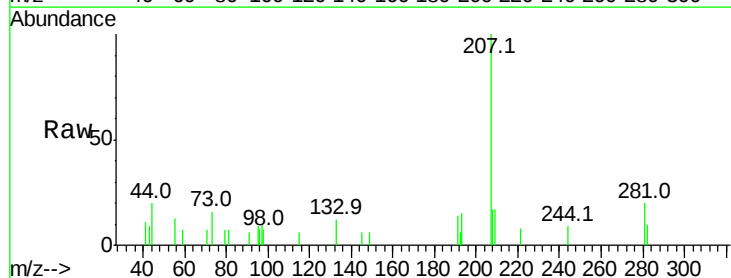
Tgt Ion:149 Resp: 113

Ion Ratio Lower Upper

149 100

91 92.8 62.2 93.2

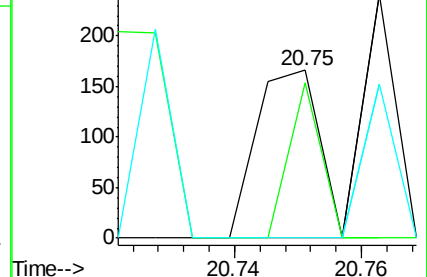
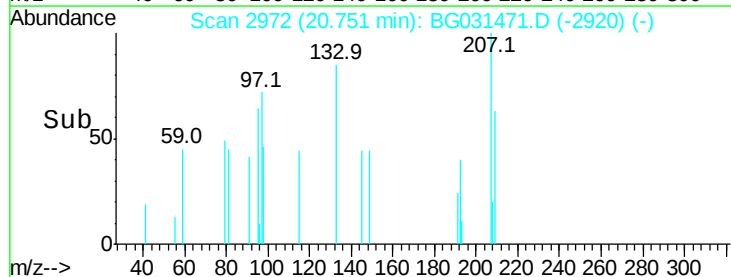
206 0.0 18.6 27.8#

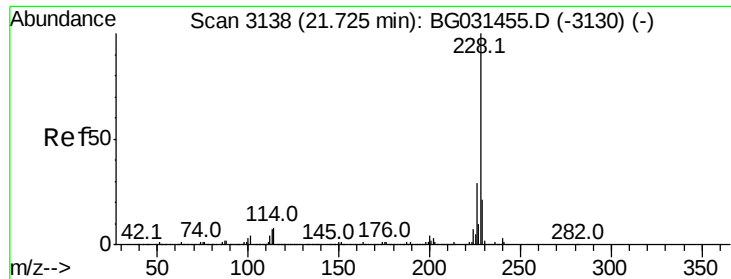


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

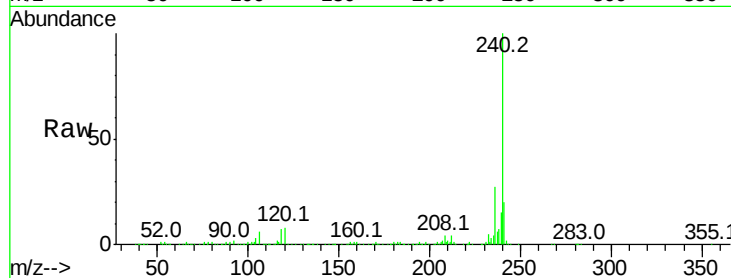




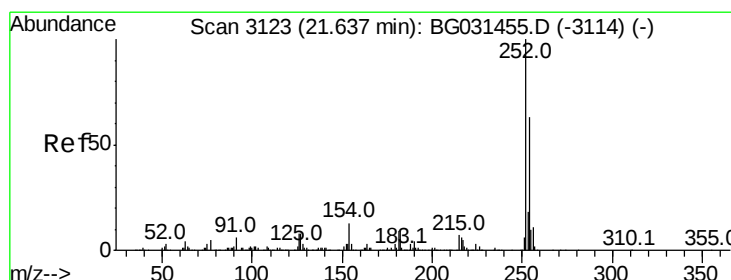
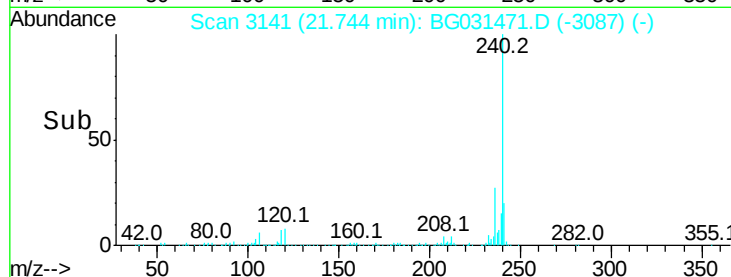
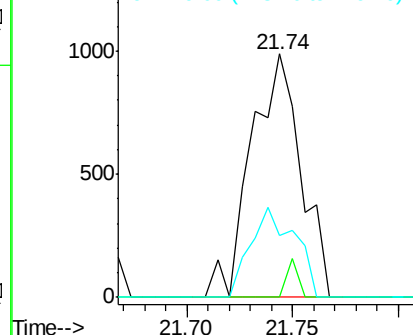
#80
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.74 min Scan# 3141
Delta R.T. 0.02 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1613
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 25.2 16.2 24.2#

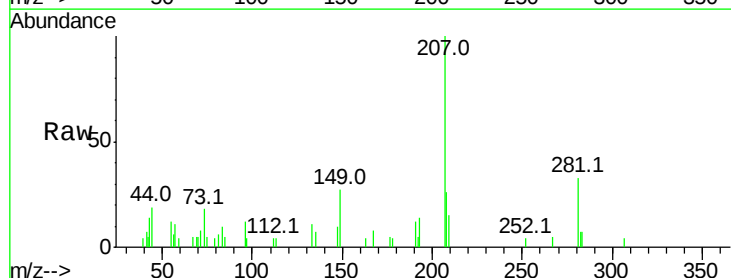


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

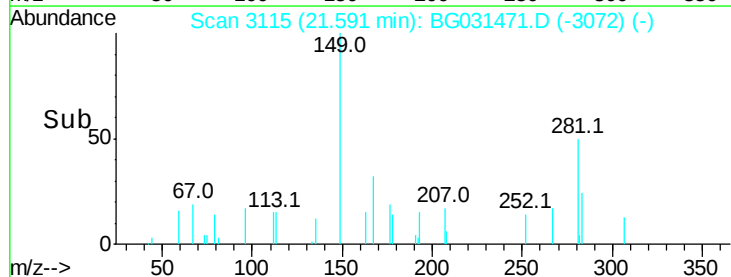
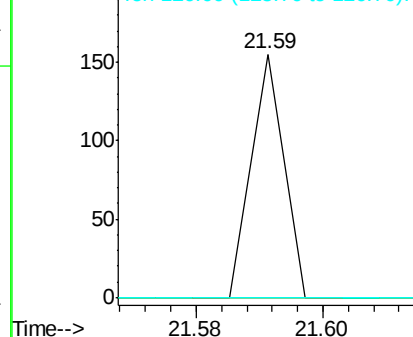


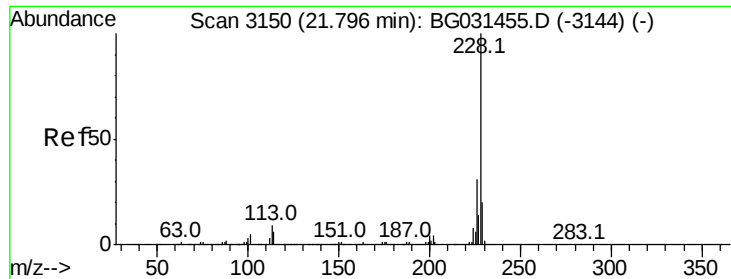
#81
3,3'-Dichlorobenzidine
Concen: 0.005 ng
RT: 21.59 min Scan# 3115
Delta R.T. -0.05 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Tgt Ion:252 Resp: 55
Ion Ratio Lower Upper
252 100
254 0.0 50.8 76.2#
126 0.0 7.4 11.2#



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





#82

Chrysene

Concen: 0.056 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.05 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampled :

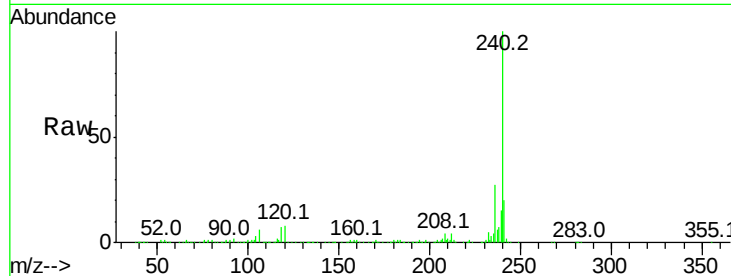
Tot Ion:228 Resp: 1613

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

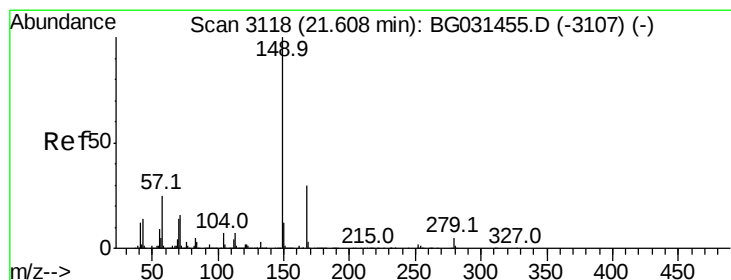
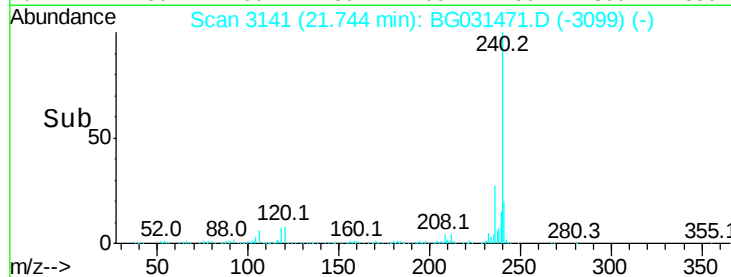
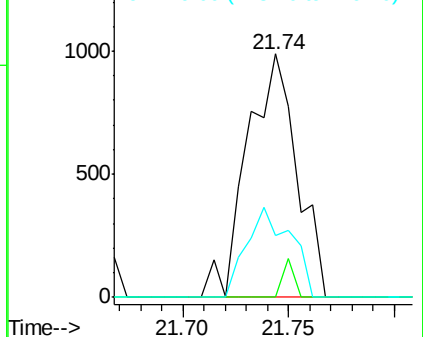
229 25.2 15.0 22.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.181 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

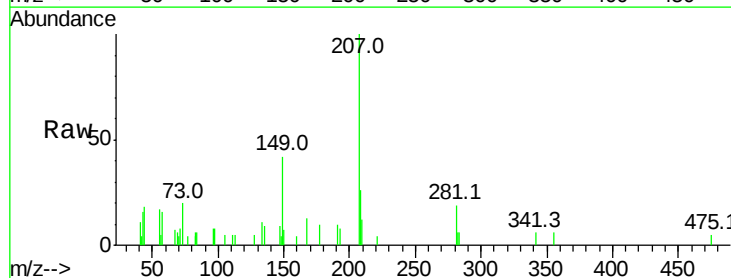
Tgt Ion:149 Resp: 2840

Ion Ratio Lower Upper

149 100

167 30.3 24.3 36.5

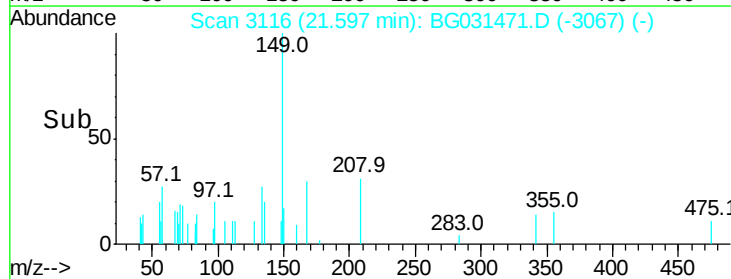
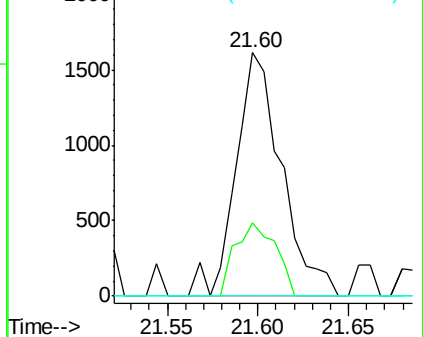
279 0.0 4.0 6.0#

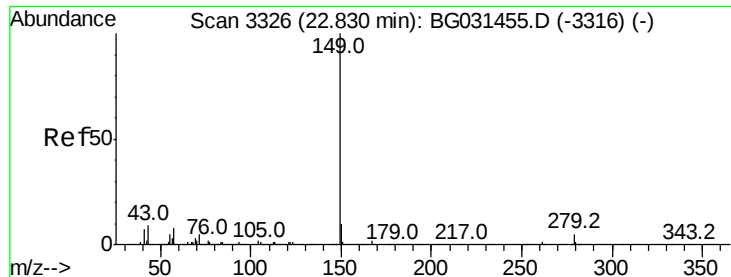


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

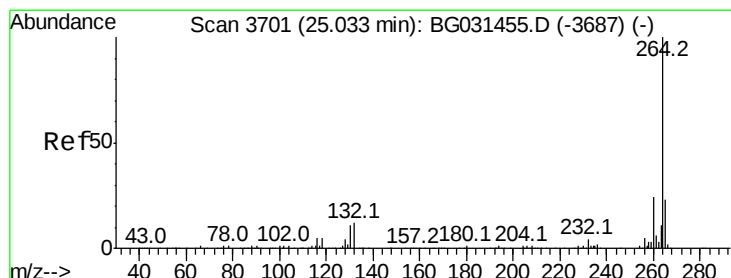
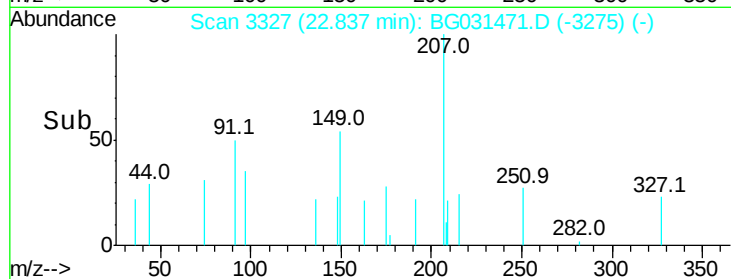
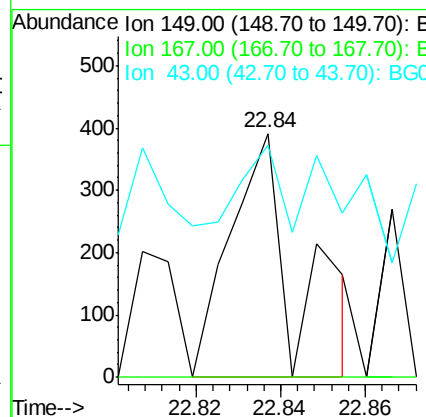
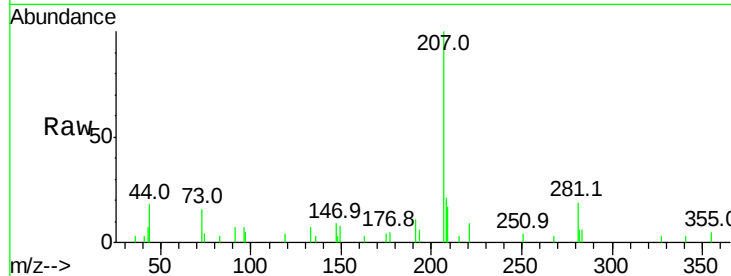




#84
Di-n-octyl phthalate
Concen: 0.017 ng
RT: 22.84 min Scan# 3327
Delta R.T. 0.01 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

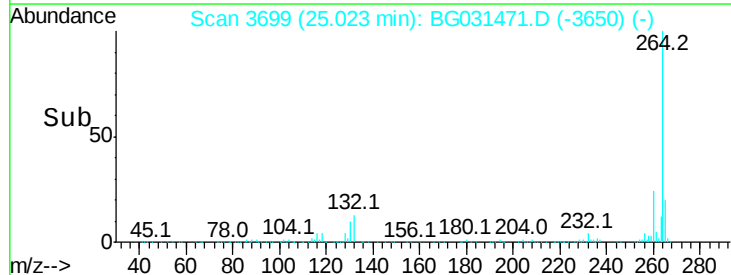
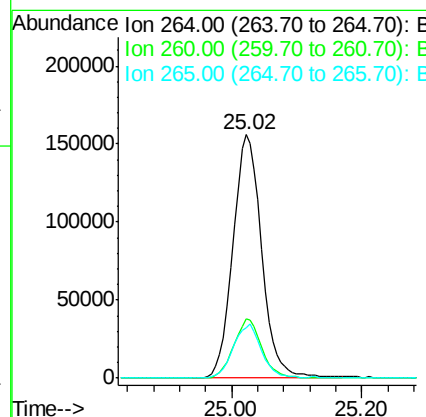
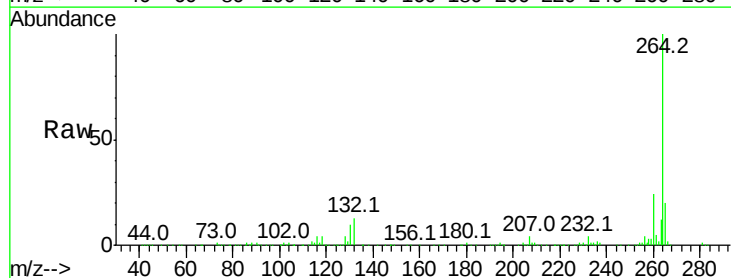
Instrument :
BNA_G
ClientSampleId :

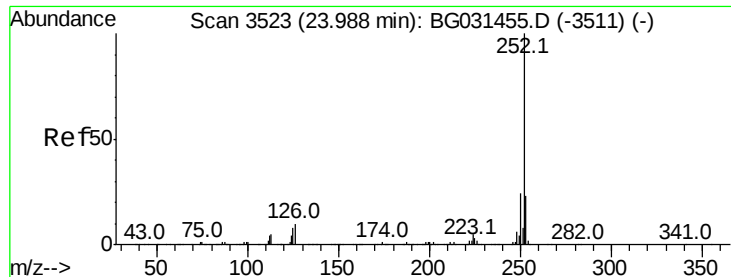
Tot Ion:149 Resp: 434
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 20.5 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031471.D
Acq: 12 Dec 2017 1:57

Tgt Ion:264 Resp: 476641
Ion Ratio Lower Upper
264 100
260 24.1 17.4 26.0
265 20.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 24.01 min Scan# 3526

Delta R.T. 0.02 min

Lab File: BG031471.D

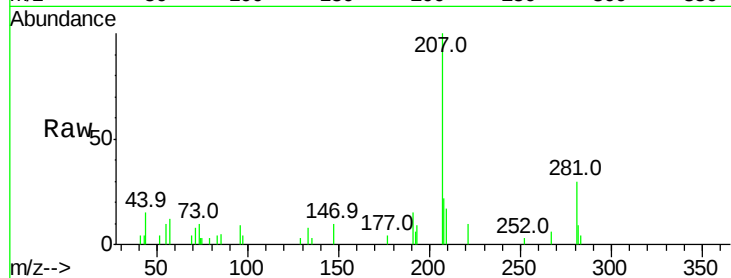
Acq: 12 Dec 2017 1:57

Instrument :

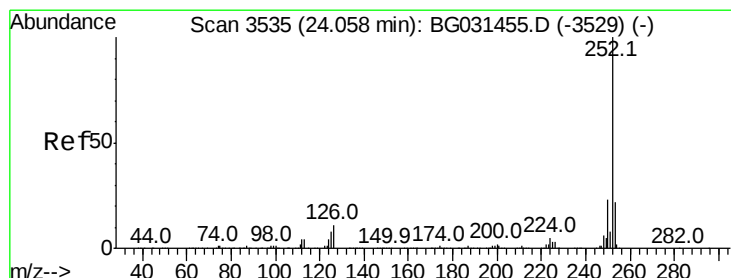
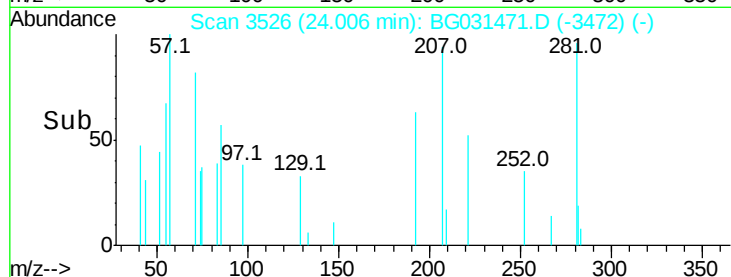
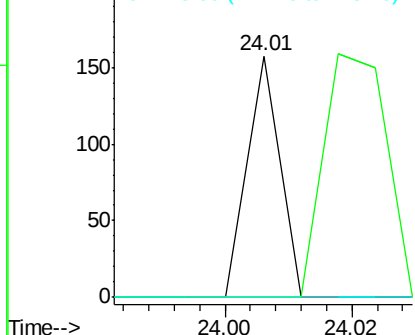
BNA_G

ClientSampleId :

Tot Ion:252	Resp:	56
Ion Ratio	Lower	Upper
252	100	
253	0.0	18.2 27.4#
125	0.0	7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 0.002 ng

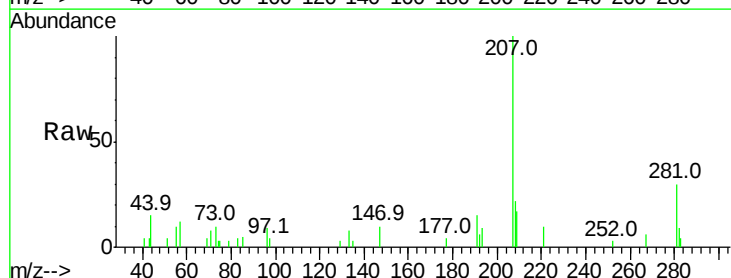
RT: 24.01 min Scan# 3526

Delta R.T. -0.05 min

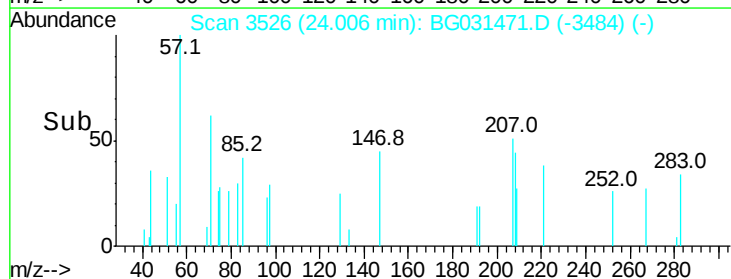
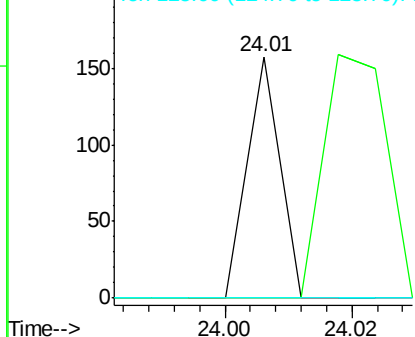
Lab File: BG031471.D

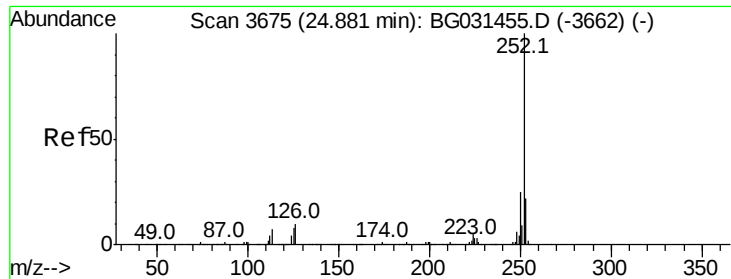
Acq: 12 Dec 2017 1:57

Tgt Ion:252	Resp:	56
Ion Ratio	Lower	Upper
252	100	
253	0.0	17.4 26.2#
125	0.0	6.6 9.8#



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(a)pyrene

Concen: 0.004 ng

RT: 24.73 min Scan# 3649

Delta R.T. -0.15 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Instrument :

BNA_G

ClientSampled :

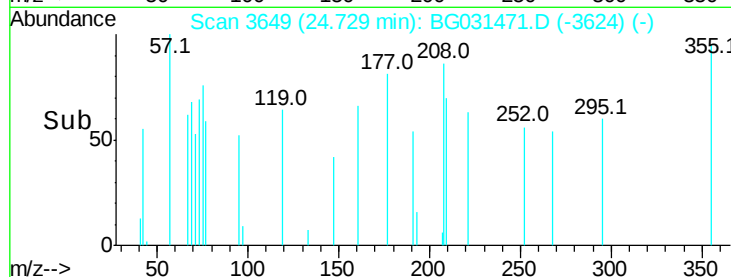
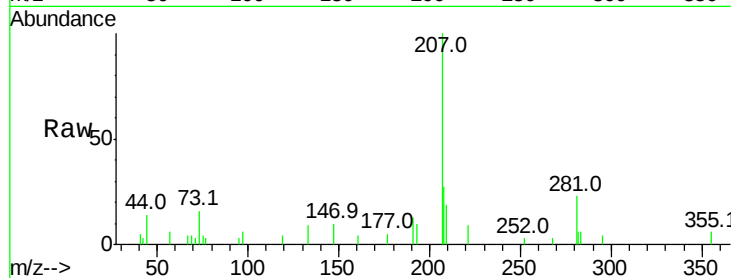
Tot Ion:252 Resp: 112

Ion Ratio Lower Upper

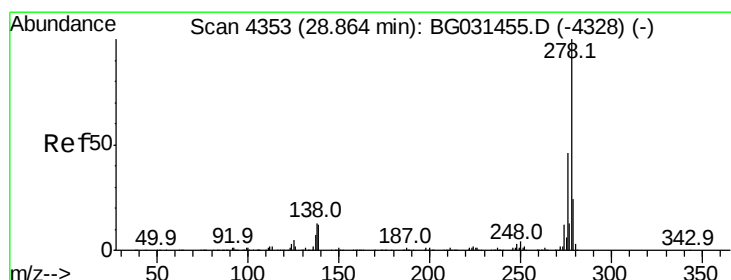
252 100

253 0.0 18.3 27.5#

125 0.0 7.3 10.9#



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 29.06 min Scan# 4387

Delta R.T. 0.20 min

Lab File: BG031471.D

Acq: 12 Dec 2017 1:57

Tgt Ion:278 Resp: 57

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

279 108.6 18.4 27.6#

