

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042333.D
 Acq On : 19 Aug 2019 19:14
 Operator : HP/JU
 Sample : K4237-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 04:23:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	62234	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	239559	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	182566	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	418133	20.00	ng	0.00
76) Chrysene-d12	21.69	240	429669	20.00	ng	0.00
87) Perylene-d12	24.94	264	503687	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	435880	141.91	ng	0.00
7) Phenol-d6	7.17	99	600500	143.95	ng	0.00
23) Nitrobenzene-d5	9.18	82	344431	101.12	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	344103	138.39	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	760705	70.51	ng	0.00
79) Terphenyl-d14	20.03	244	1462534	74.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	314	0.237	ng	# 1
4) n-Nitrosodimethylamine	3.74	42	119	0.102	ng	# 1
6) Aniline	7.20	93	60	0.011	ng	# 1
9) Benzaldehyde	7.17	77	985	0.420	ng	# 1
10) Phenol	7.20	94	4526	1.067	ng	# 70
11) bis(2-Chloroethyl)ether	7.54	93	723	0.216	ng	# 1
15) Benzyl Alcohol	8.33	79	4355	1.518	ng	# 54
19) n-Nitroso-di-n-propylamine	9.18	70	42787	15.946	ng	# 73
24) Nitrobenzene	9.18	77	933	0.269	ng	# 33
25) Isophorone	9.53	82	206	0.030	ng	# 59
46) 1,1'-Biphenyl	13.51	154	990	0.083	ng	# 80
48) 2-Nitroaniline	14.11	65	1326	0.553	ng	# 1
50) Dimethylphthalate	14.11	163	208858	16.100	ng	# 99
51) 2,6-Dinitrotoluene	14.10	165	2419	0.797	ng	# 17
52) Acenaphthene	14.67	154	410	0.044	ng	# 5
57) 2,4-Dinitrotoluene	14.66	165	23150	5.454	ng	# 37
58) Fluorene	16.16	166	13606	1.103	ng	# 87
60) Diethylphthalate	15.48	149	136	0.011	ng	# 55
61) 4-Chlorophenyl-phenylether	15.34	204	197	0.027	ng	# 33
63) Azobenzene	16.16	77	1020	0.117	ng	# 14
65) 4,6-Dinitro-2-methylphenol	16.16	198	620	0.243	ng	# 1
66) n-Nitrosodiphenylamine	16.16	169	10319	0.882	ng	# 45
67) 4-Bromophenyl-phenylether	16.16	248	25049	4.707	ng	# 1
71) Phenanthrene	17.45	178	822	0.039	ng	# 58
72) Anthracene	17.55	178	74	0.004	ng	# 59
74) Di-n-butylphthalate	18.38	149	1372	0.064	ng	# 76
75) Fluoranthene	19.47	202	2315	0.092	ng	# 91
77) Benzidine	20.03	184	18168	1.595	ng	# 93
78) Pyrene	19.47	202	2315	0.088	ng	# 97
80) Butylbenzylphthalate	20.72	149	110	0.010	ng	# 29
81) Benzo(a)anthracene	21.68	228	2541	0.096	ng	# 89
83) Chrysene	21.74	228	1008	0.040	ng	# 78
84) Bis(2-ethylhexyl)phthalate	21.58	149	2504	0.171	ng	# 96
85) Di-n-octyl phthalate	22.79	149	338	0.014	ng	# 83

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QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

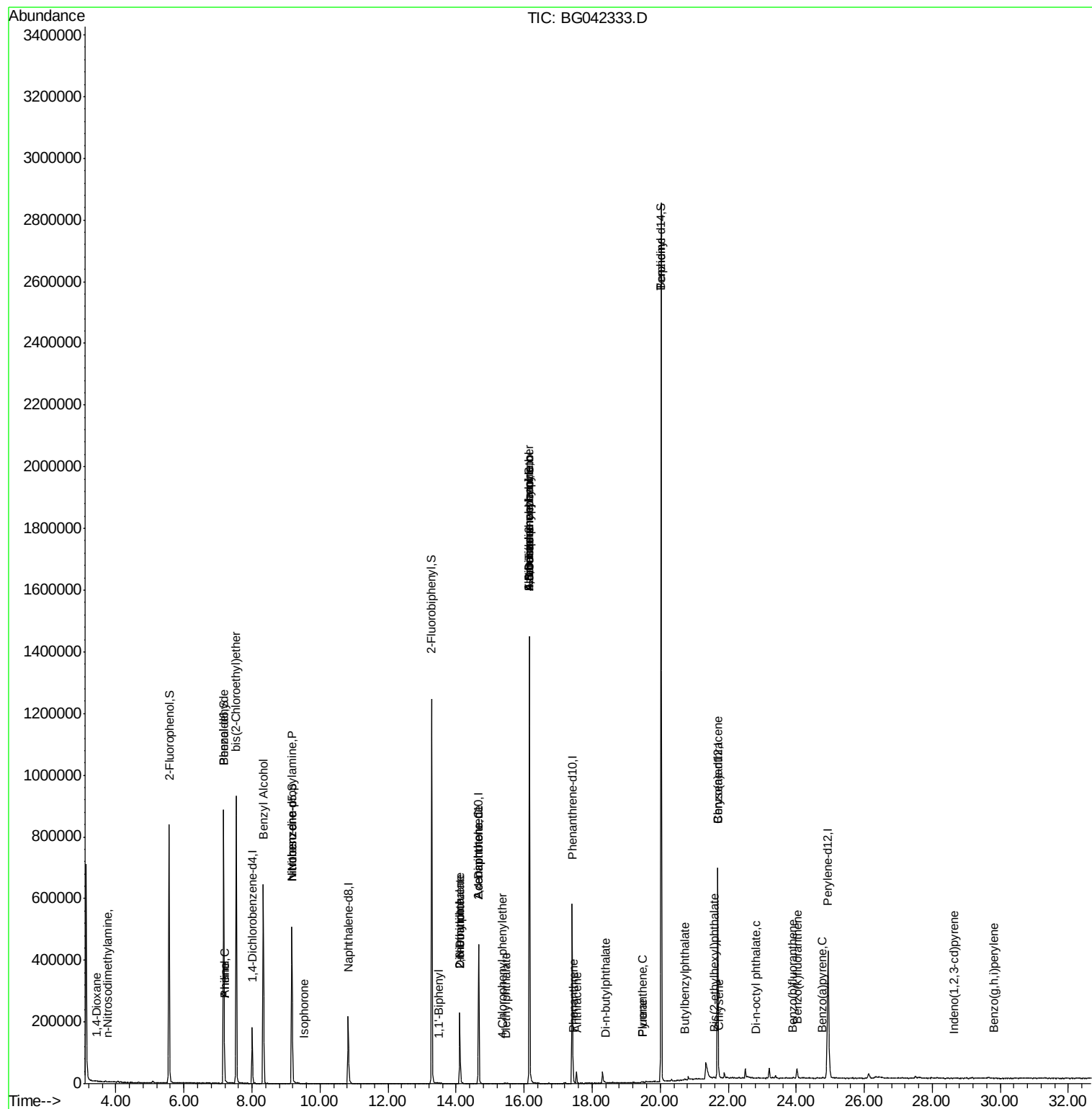
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	28.65	276	212	0.006	ng	# 53
88) Benzo(b)fluoranthene	23.91	252	1415	0.051	ng	# 58
89) Benzo(k)fluoranthene	24.03	252	53	0.002	ng	# 1
90) Benzo(a)pyrene	24.77	252	878	0.033	ng	# 60
92) Benzo(g,h,i)perylene	29.80	276	278	0.011	ng	# 55

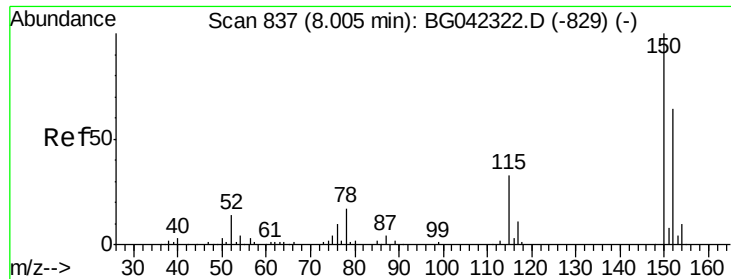
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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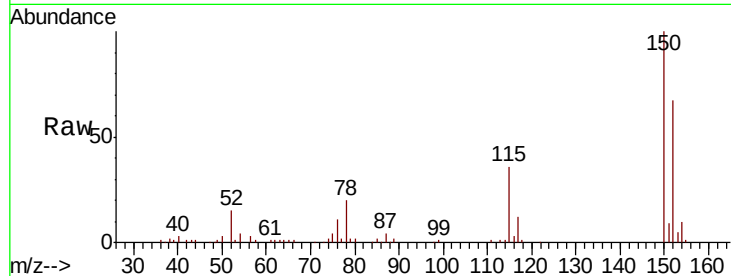


#1

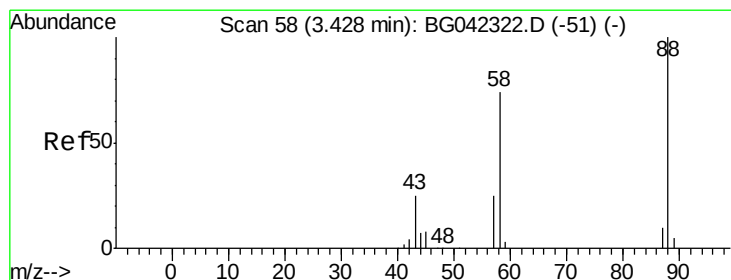
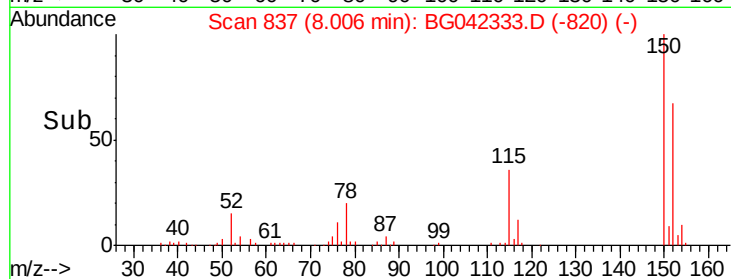
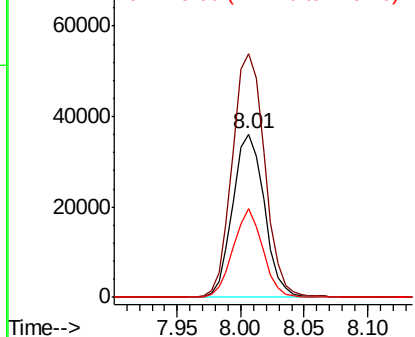
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62234
Ion Ratio Lower Upper
152 100
150 149.3 124.3 186.5
115 54.1 40.5 60.7



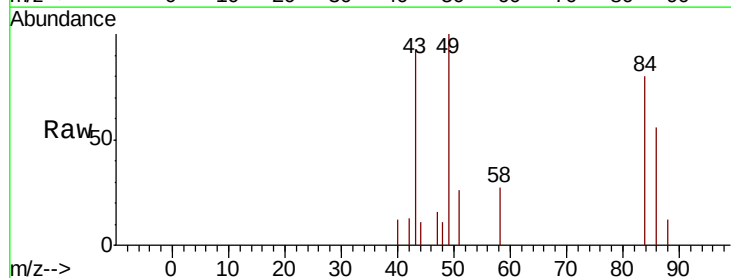
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



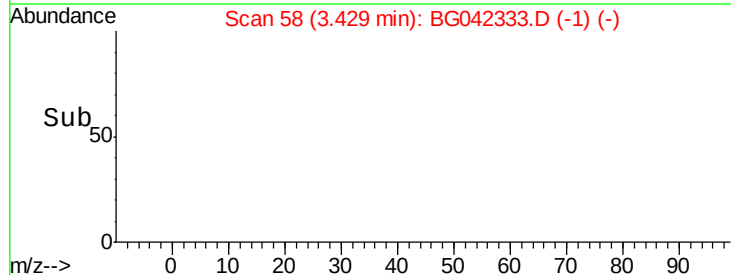
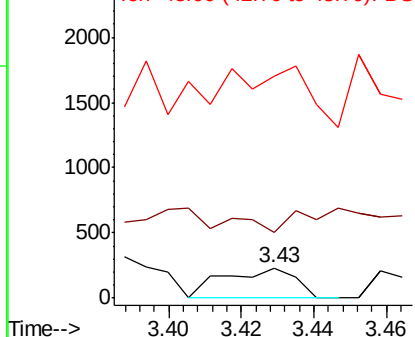
#2

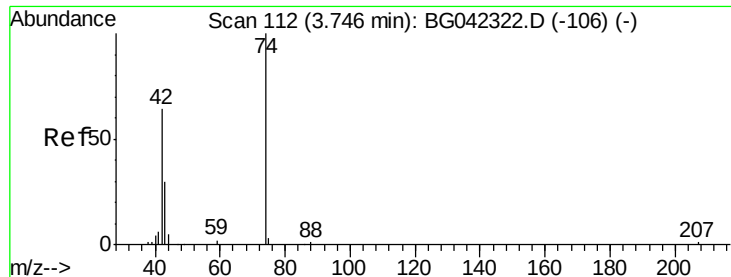
1,4-Dioxane
Concen: 0.237 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.00 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

Tgt Ion: 88 Resp: 314
Ion Ratio Lower Upper
88 100
58 226.4 58.6 88.0#
43 0.0 19.4 29.0#



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



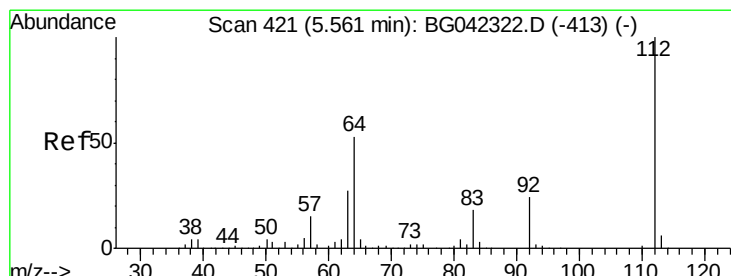
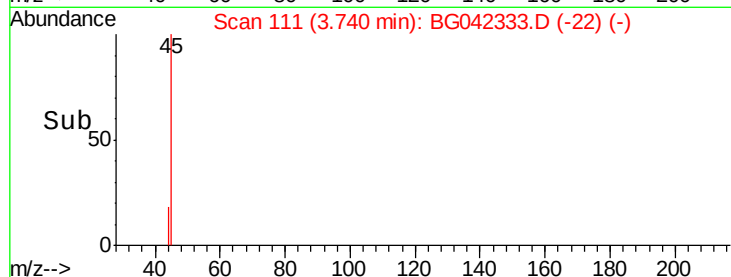
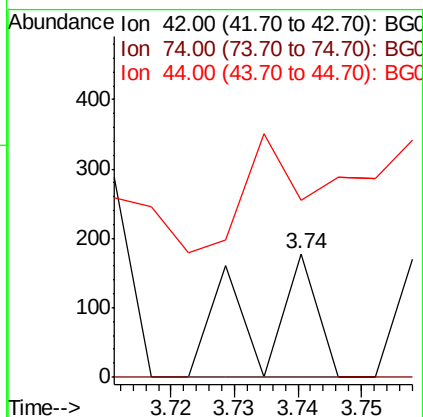
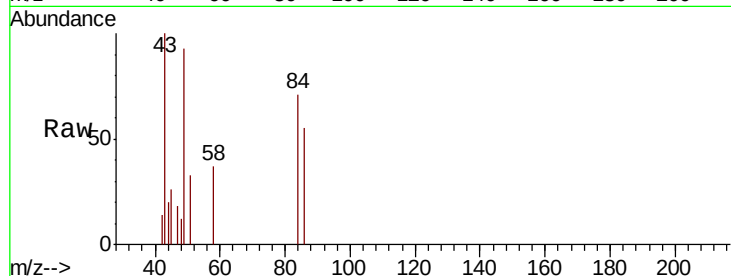


#4

n-Nitrosodimethylamine
 Concen: 0.102 ng
 RT: 3.74 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Instrument :
 BNA_G
 ClientSampled :

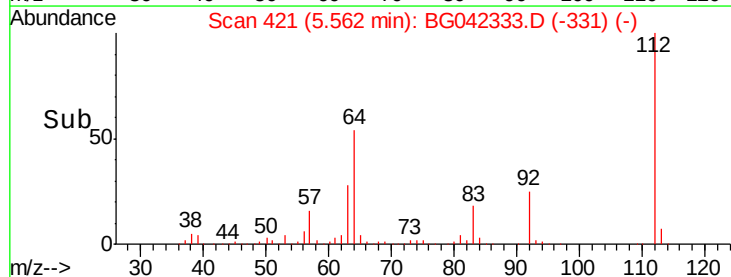
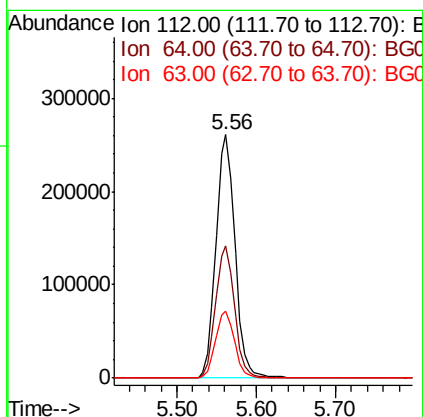
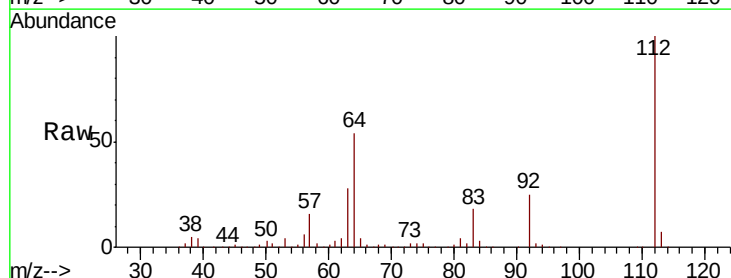
Tot Ion: 42 Resp: 119
 Ion Ratio Lower Upper
 42 100
 74 0.0 124.2 186.2#
 44 143.3 6.5 9.7#

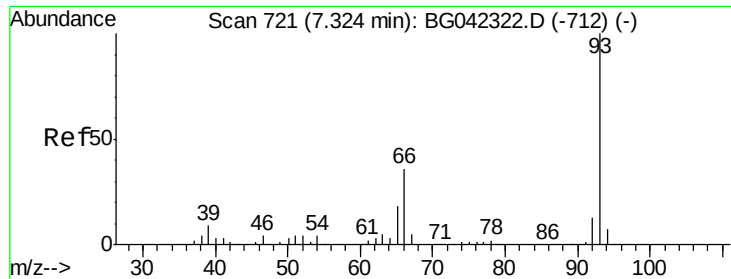


#5

2-Fluorophenol
 Concen: 141.905 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Tgt Ion: 112 Resp: 435880
 Ion Ratio Lower Upper
 112 100
 64 54.5 42.5 63.7
 63 27.5 21.7 32.5





#6

Aniline

Concen: 0.011 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.13 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

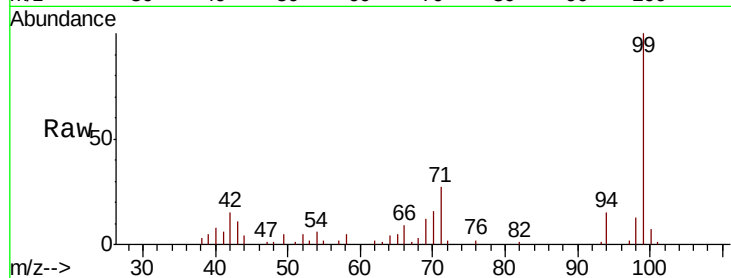
Tot Ion: 93 Resp: 60

Ion Ratio Lower Upper

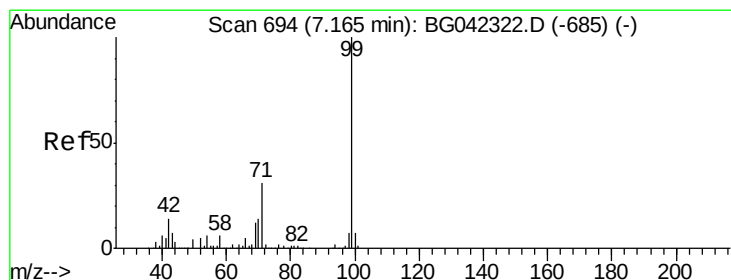
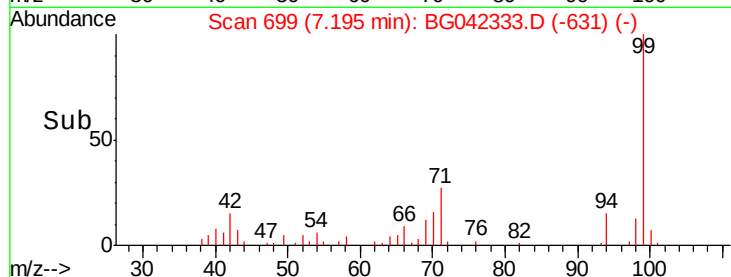
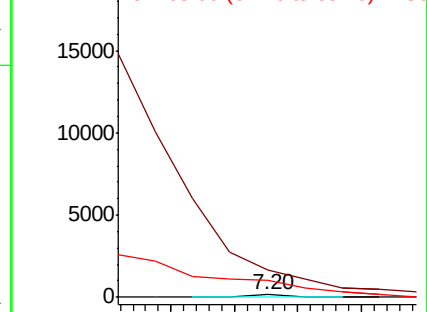
93 100

66 982.4 29.1 43.7#

65 608.8 14.7 22.1#



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: 143.948 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

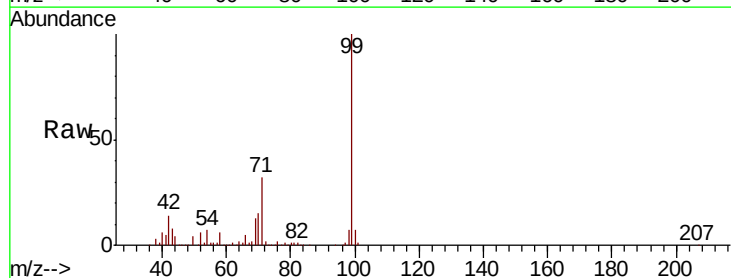
Tgt Ion: 99 Resp: 600500

Ion Ratio Lower Upper

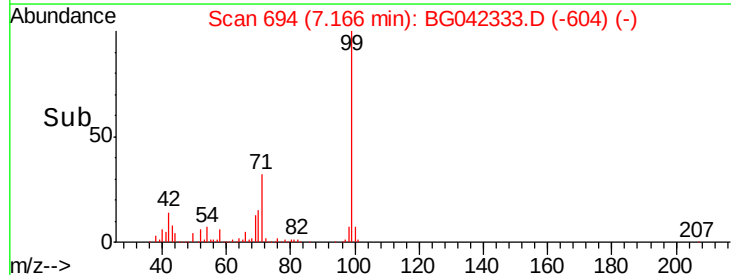
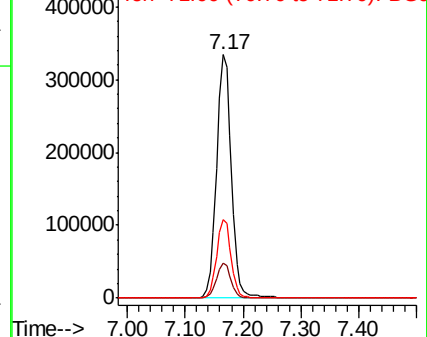
99 100

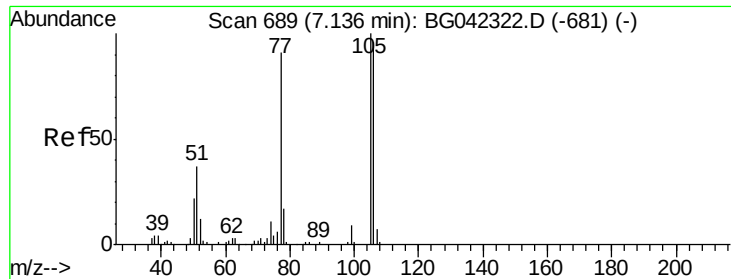
42 14.4 11.4 17.0

71 32.2 25.1 37.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.420 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.03 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

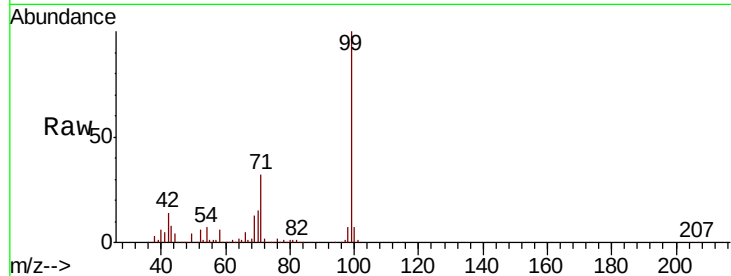
Tot Ion: 77 Resp: 985

Ion Ratio Lower Upper

77 100

105 0.0 89.8 129.8#

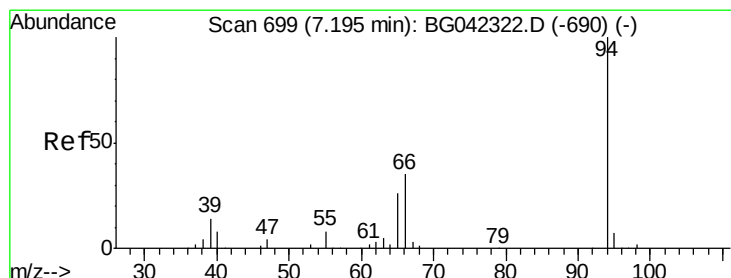
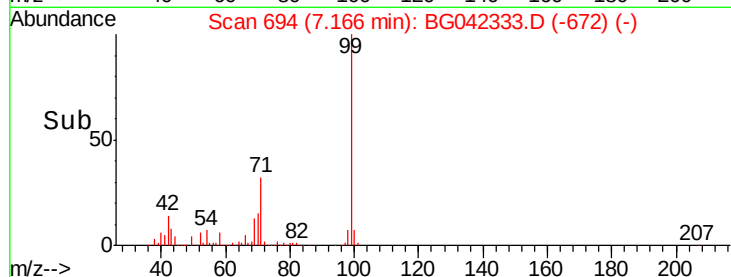
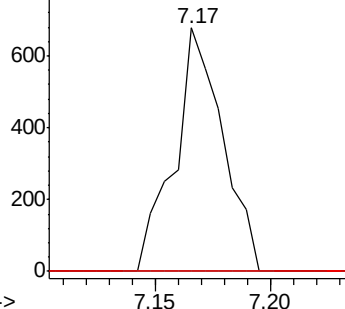
106 0.0 85.1 125.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 1.067 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

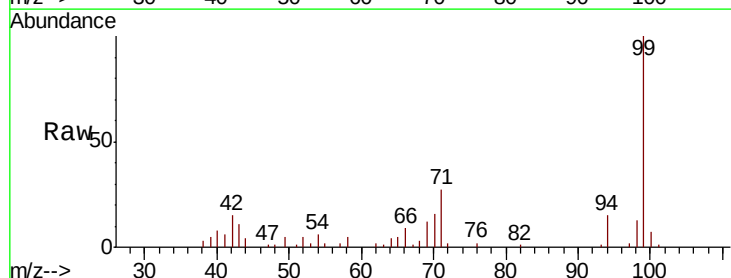
Tgt Ion: 94 Resp: 4526

Ion Ratio Lower Upper

94 100

65 35.9 6.1 46.1

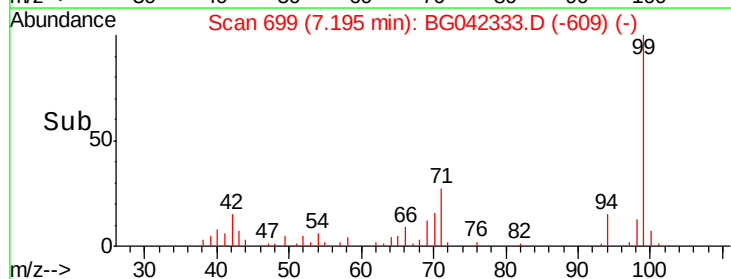
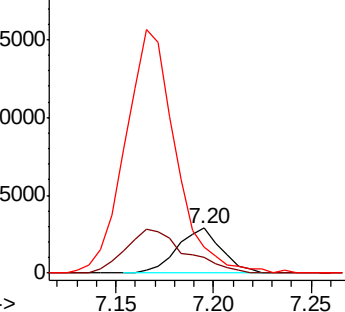
66 58.0 15.7 55.7#

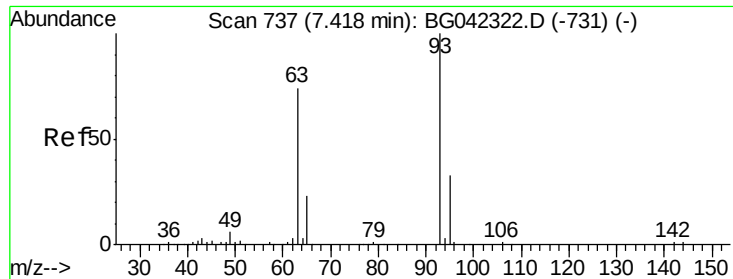


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

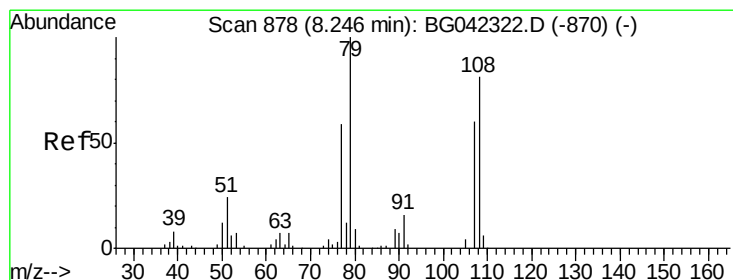
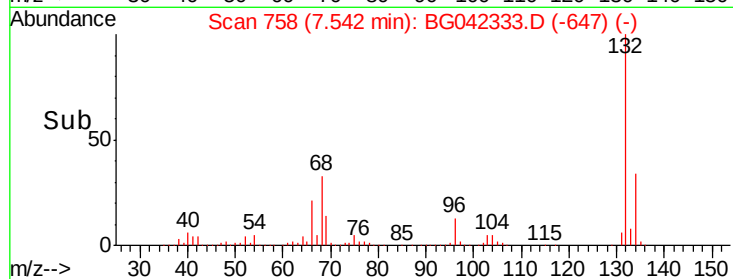
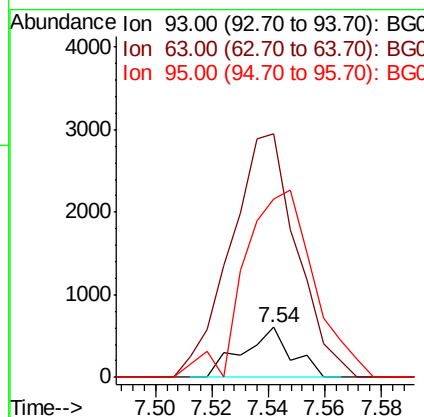
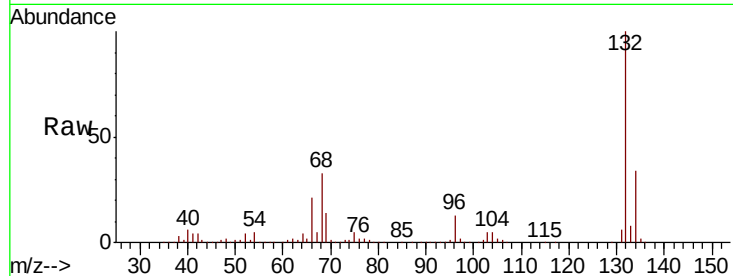




#11
 bis(2-Chloroethyl)ether
 Concen: 0.216 ng
 RT: 7.54 min Scan# 758
 Delta R.T. 0.12 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

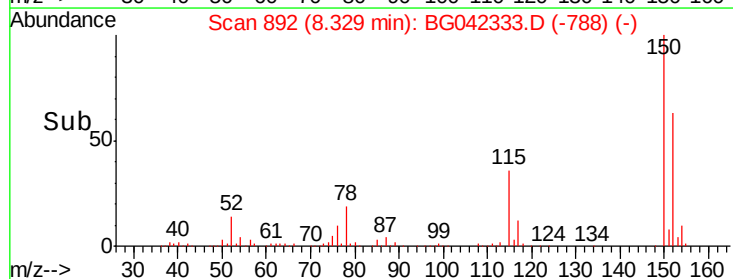
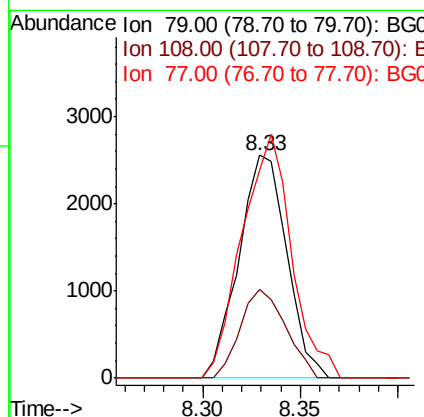
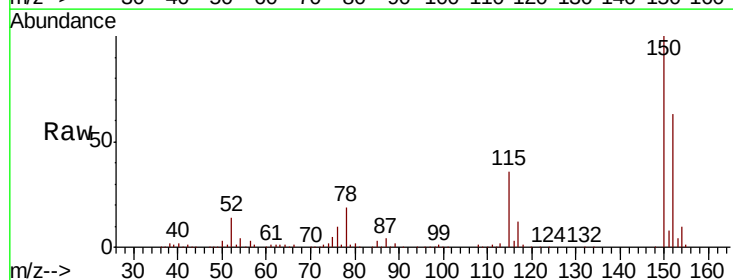
Instrument :
 BNA_G
 ClientSampleId :

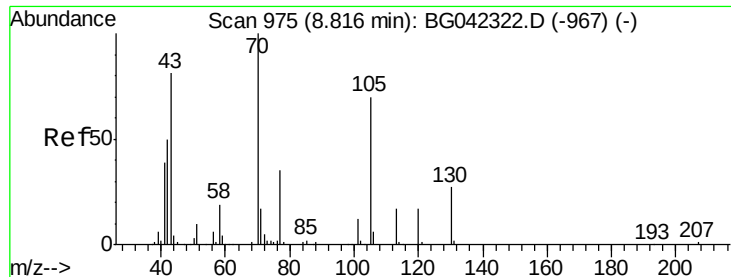
Tot Ion	Ratio	Lower	Upper
93	100		
63	490.2	53.0	93.0#
95	357.8	13.0	53.0#



#15
 Benzyl Alcohol
 Concen: 1.518 ng
 RT: 8.33 min Scan# 892
 Delta R.T. 0.08 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Tgt Ion	Ratio	Lower	Upper
79	100		
108	39.7	64.8	97.2#
77	93.4	47.6	71.4#





#19

n-Nitroso-di-n-propylamine

Concen: 15.946 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 42787

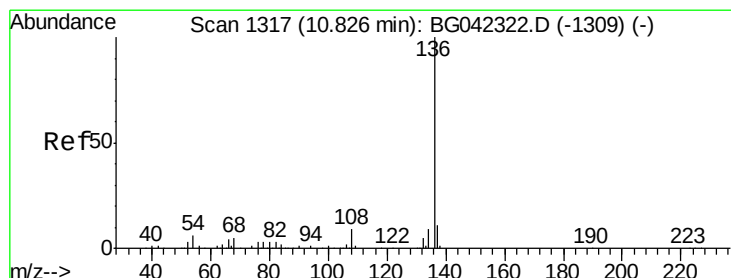
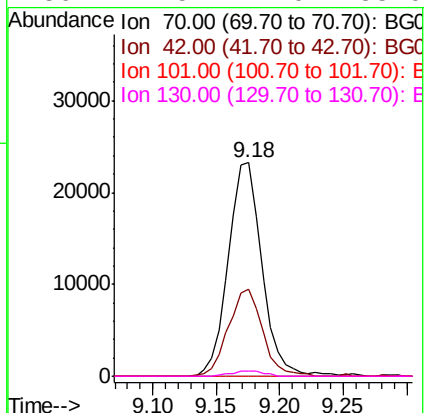
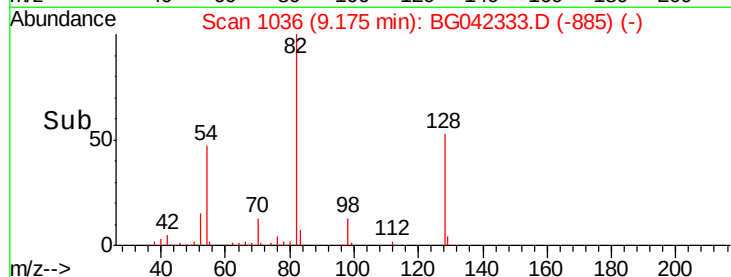
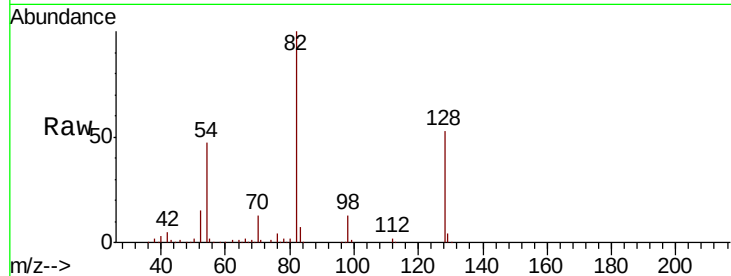
Ion Ratio Lower Upper

70 100

42 40.6 40.5 60.7

101 0.0 9.3 13.9#

130 2.5 22.0 33.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Tgt Ion: 136 Resp: 239559

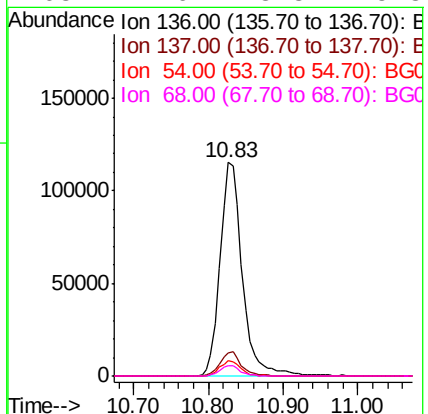
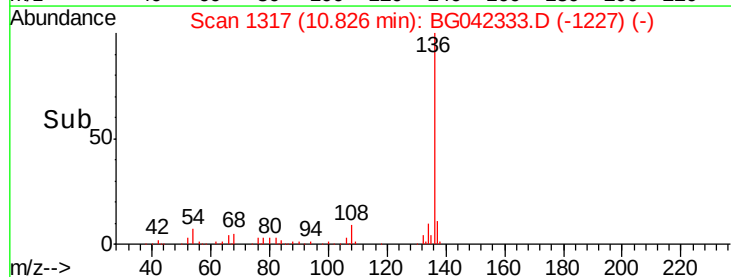
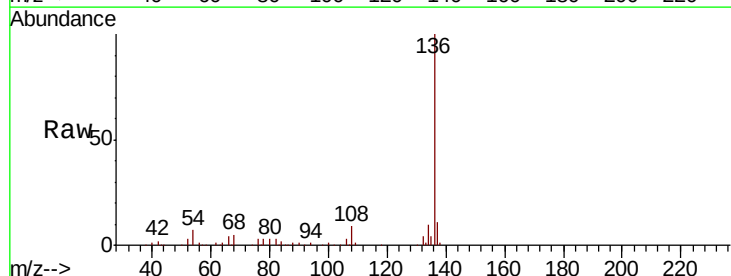
Ion Ratio Lower Upper

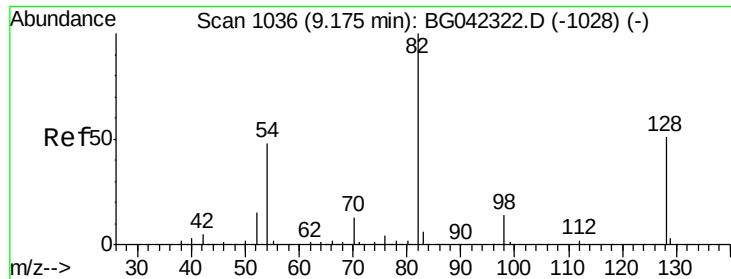
136 100

137 10.9 8.4 12.6

54 7.1 5.0 7.4

68 4.6 3.8 5.8

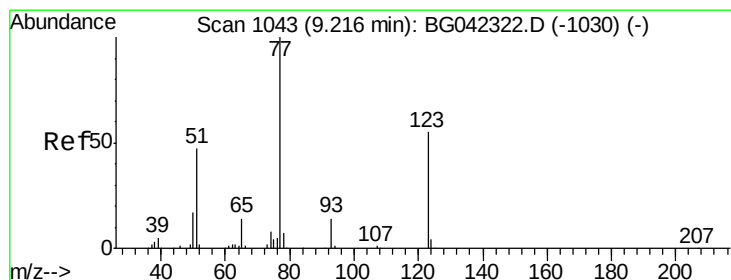
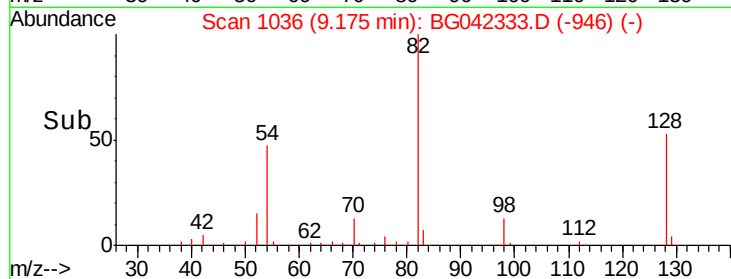
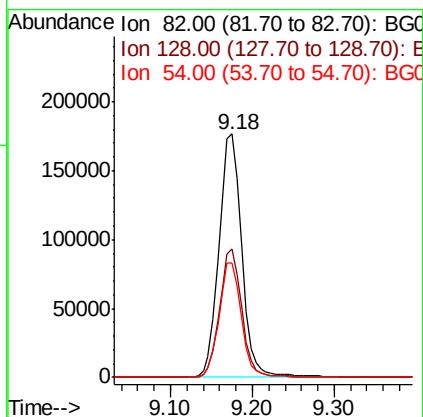
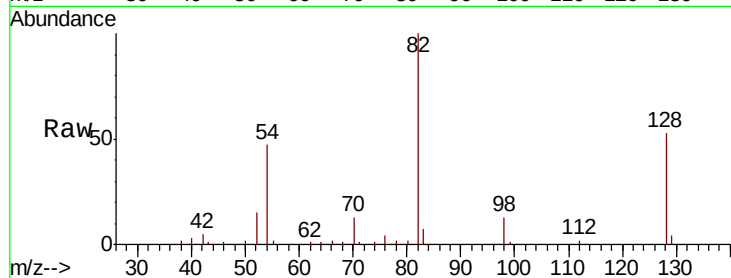




#23
 Nitrobenzene-d5
 Concen: 101.123 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

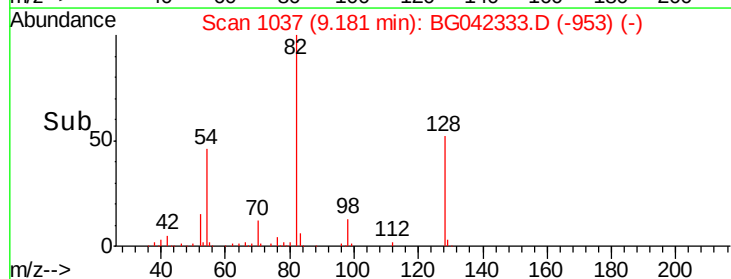
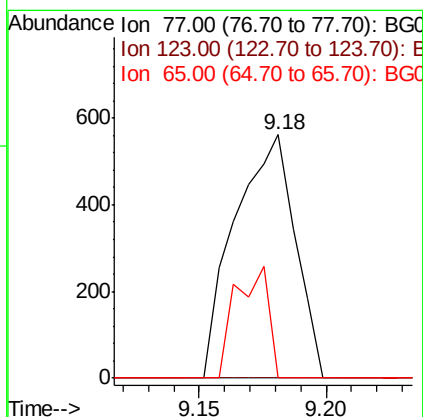
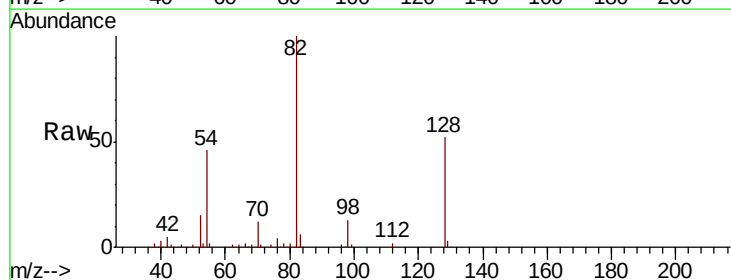
Instrument :
 BNA_G
 ClientSampled :

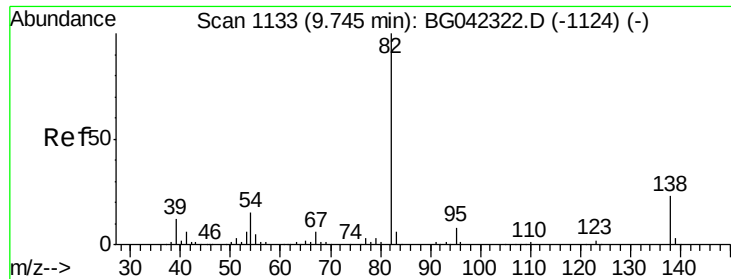
Tot Ion	82	Resp	344431
Ion Ratio	Lower	Upper	
82	100		
128	52.8	41.0	61.4
54	46.9	38.0	57.0



#24
 Nitrobenzene
 Concen: 0.269 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Tgt Ion	77	Resp	933
Ion Ratio	Lower	Upper	
77	100		
123	0.0	43.7	65.5#
65	0.0	10.9	16.3#

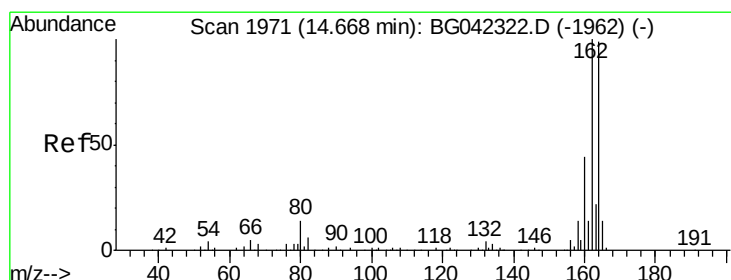
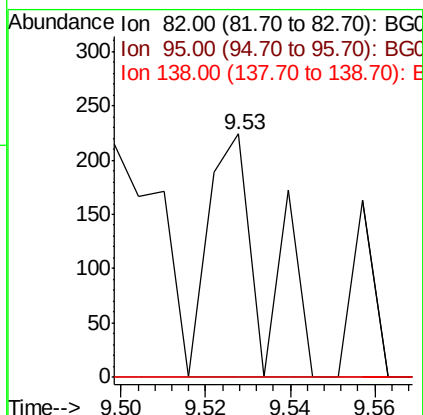
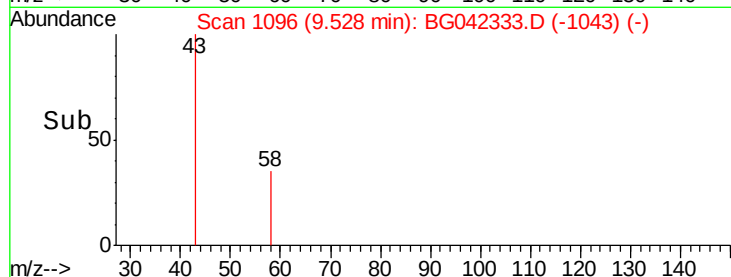
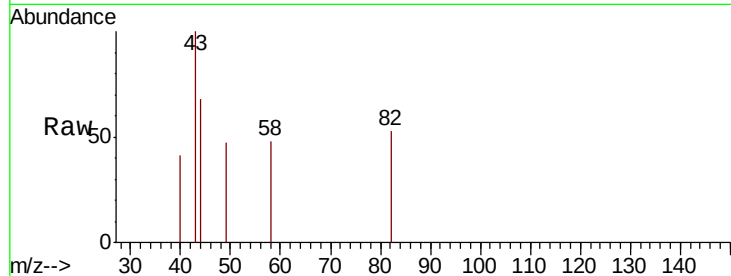




#25
Isophorone
Concen: 0.030 ng
RT: 9.53 min Scan# 1096
Delta R.T. -0.22 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

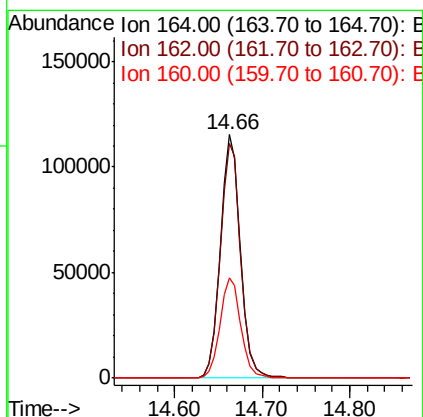
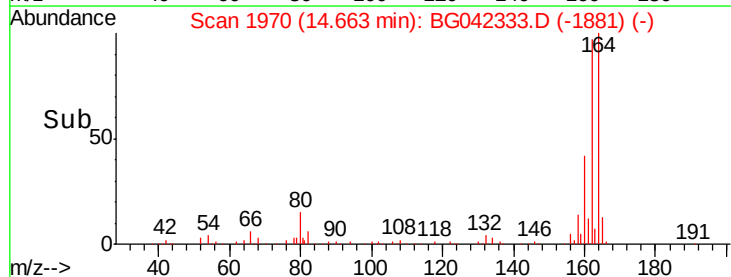
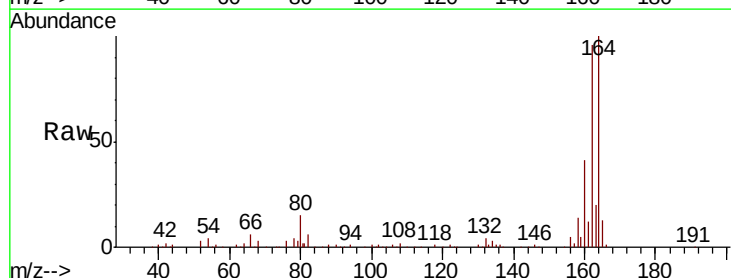
Instrument :
BNA_G
ClientSampleId :

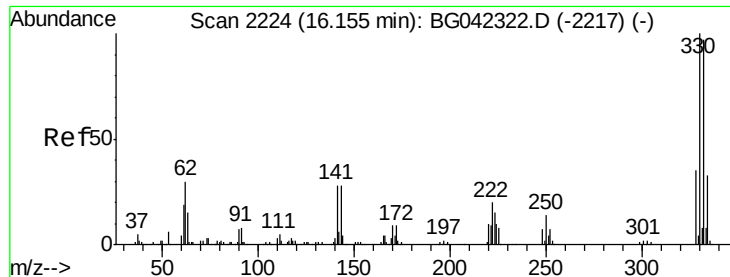
Tot Ion: 82 Resp: 206
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 18.2 27.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

Tgt Ion: 164 Resp: 182566
Ion Ratio Lower Upper
164 100
162 96.2 80.6 120.8
160 41.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 138.388 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampled :

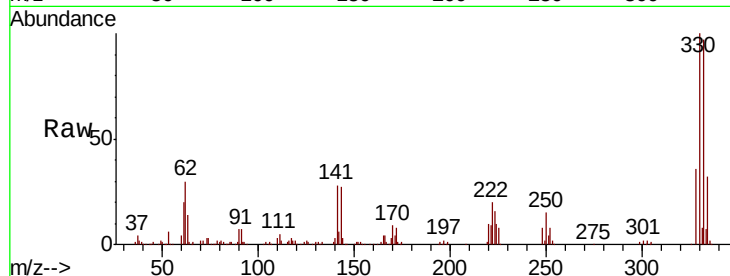
Tot Ion:330 Resp: 344103

Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

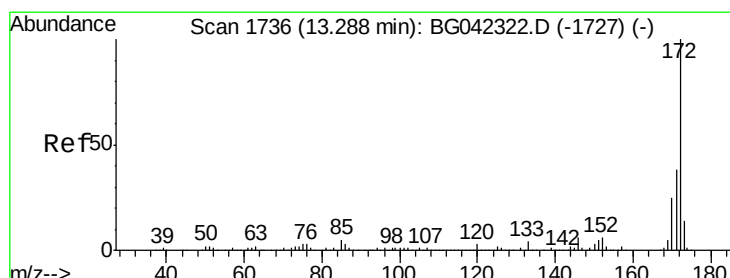
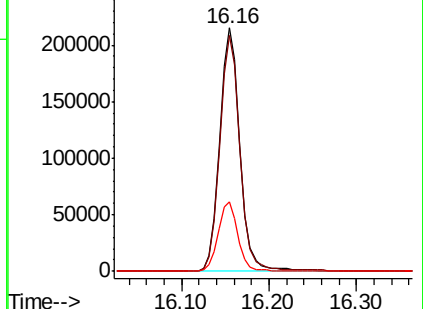
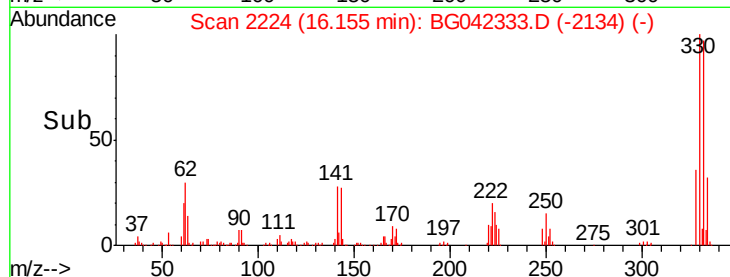
141 28.2 21.8 32.6



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



#45

2-Fluorobiphenyl

Concen: 70.508 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

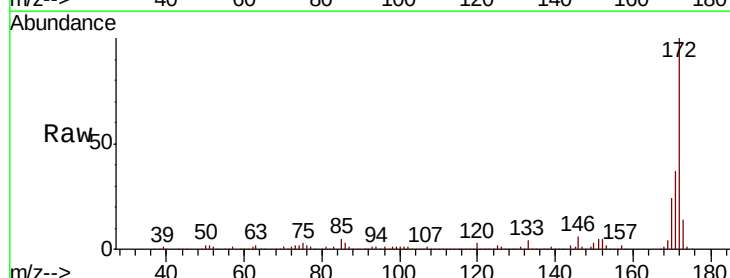
Tgt Ion:172 Resp: 760705

Ion Ratio Lower Upper

172 100

171 36.9 30.3 45.5

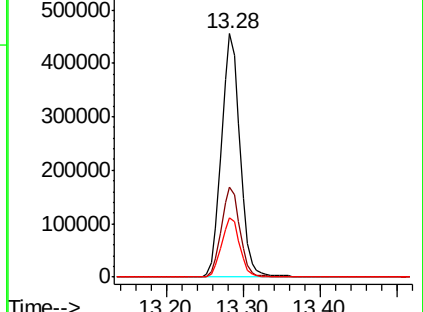
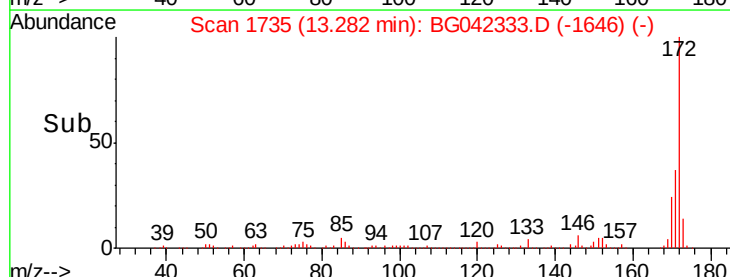
170 24.4 20.0 30.0

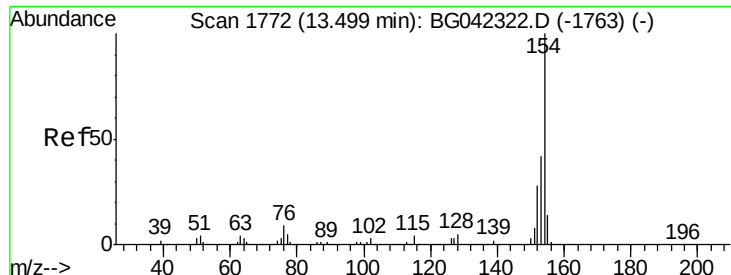


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 0.083 ng

RT: 13.51 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

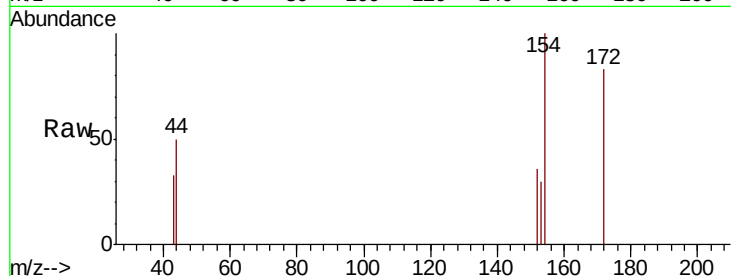
Tot Ion:154 Resp: 990

Ion Ratio Lower Upper

154 100

153 29.7 21.9 61.9

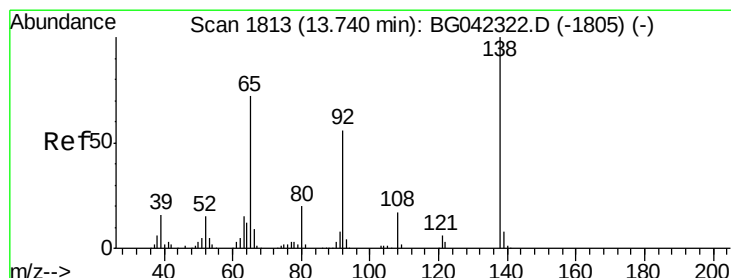
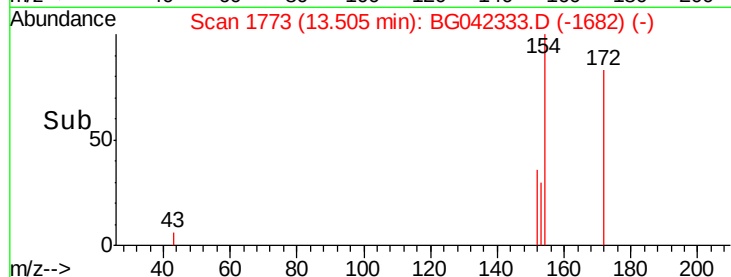
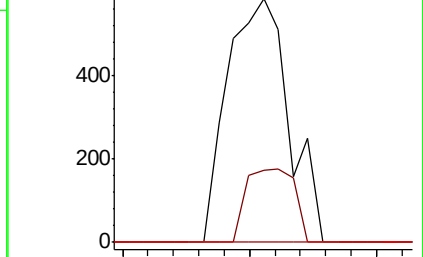
76 0.0 0.0 29.3



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



#48

2-Nitroaniline

Concen: 0.553 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.37 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

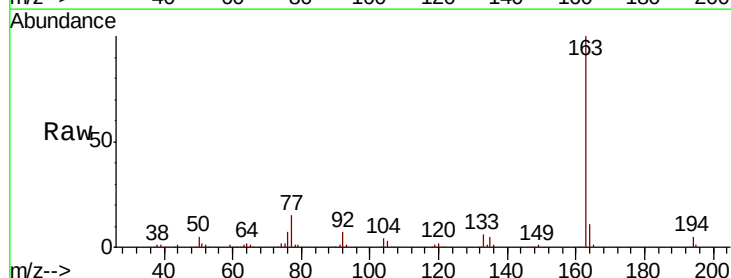
Tgt Ion: 65 Resp: 1326

Ion Ratio Lower Upper

65 100

92 967.7 62.6 94.0#

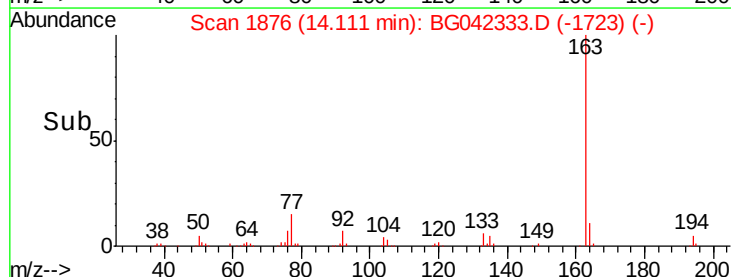
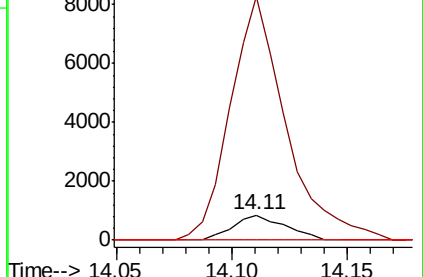
138 0.0 111.5 167.3#

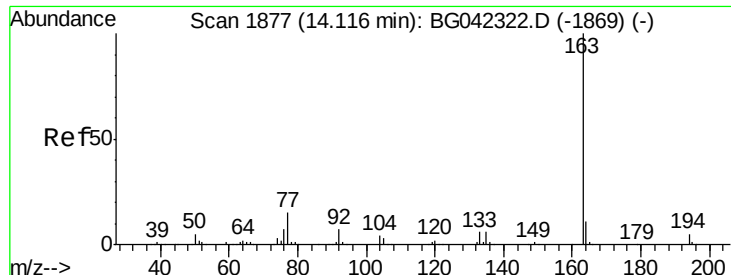


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 16.100 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

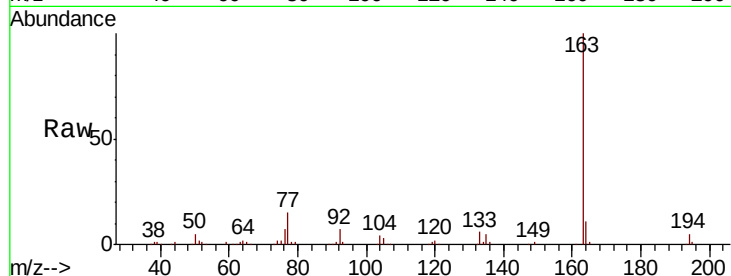
Tot Ion:163 Resp: 208858

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

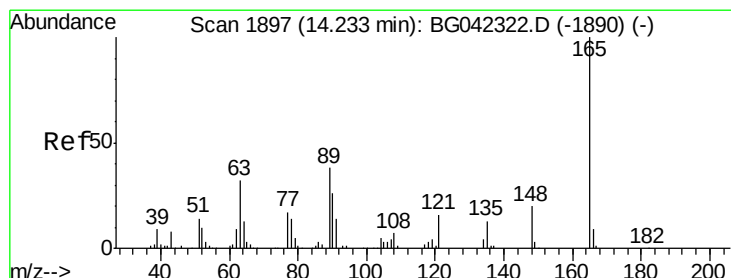
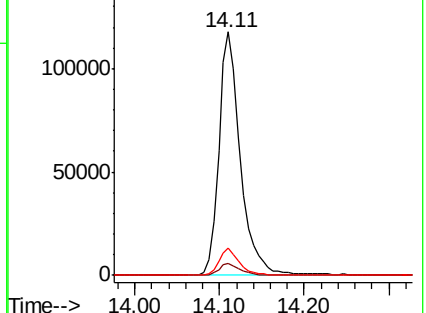
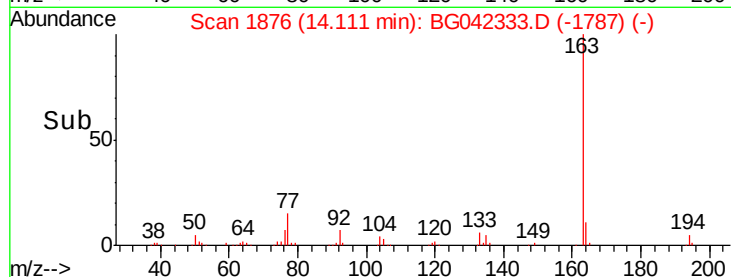
164 11.1 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.797 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.13 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

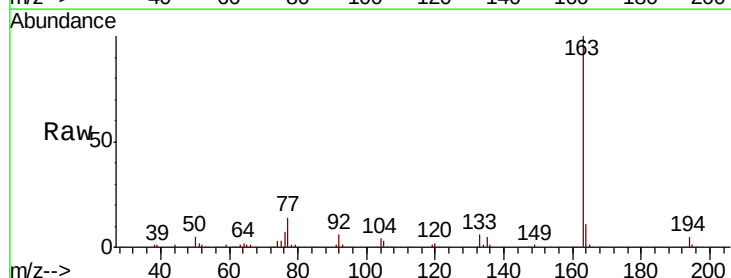
Tgt Ion:165 Resp: 2419

Ion Ratio Lower Upper

165 100

63 96.4 28.2 42.2#

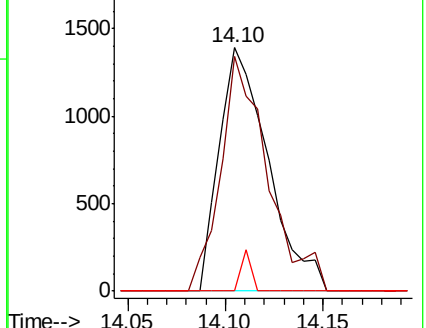
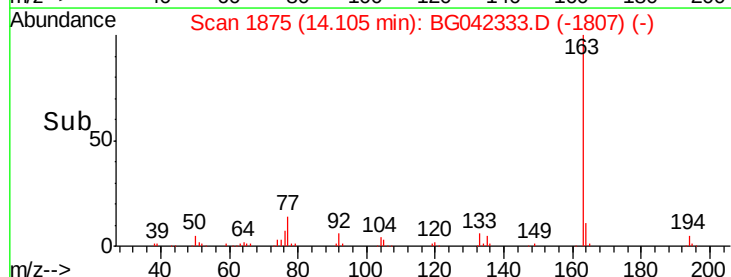
89 0.0 30.0 45.0#

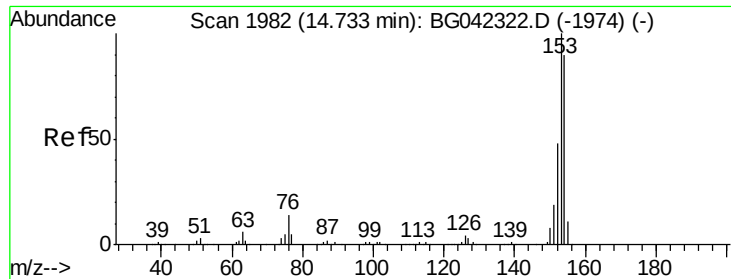


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.044 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.06 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampled :

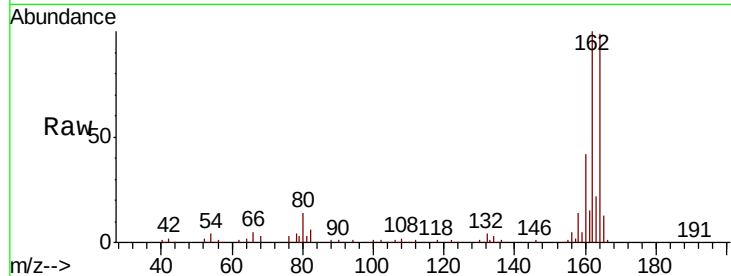
Tot Ion:154 Resp: 410

Ion Ratio Lower Upper

154 100

153 0.0 89.4 134.0#

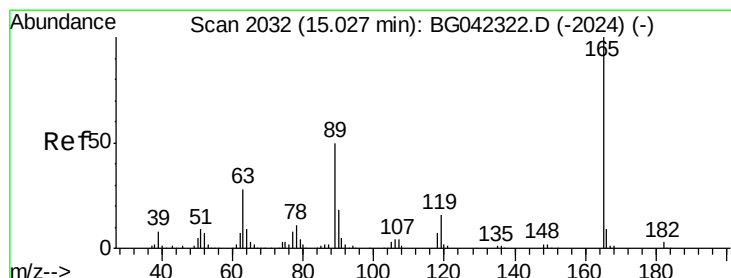
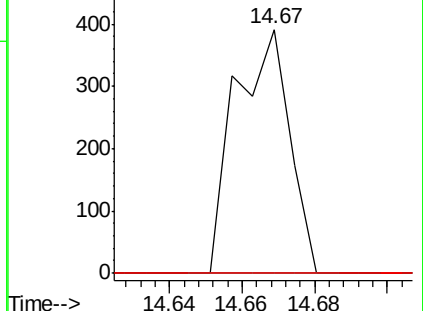
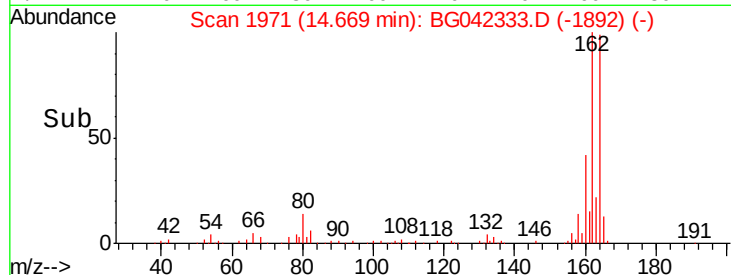
152 0.0 43.1 64.7#



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



#57

2,4-Dinitrotoluene

Concen: 5.454 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.36 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Tgt Ion:165 Resp: 23150

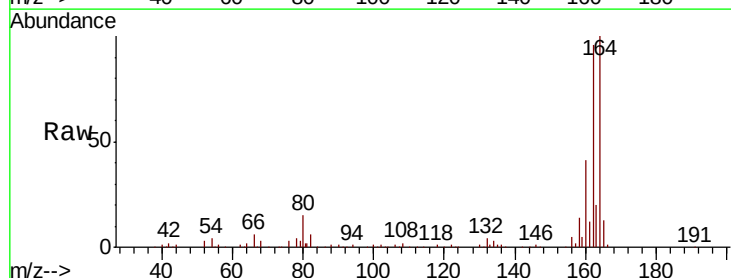
Ion Ratio Lower Upper

165 100

63 1.2 22.4 33.6#

89 0.0 40.2 60.2#

182 0.0 2.6 3.8#

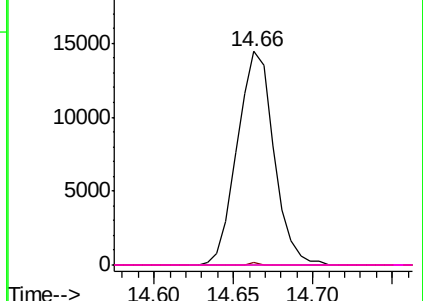
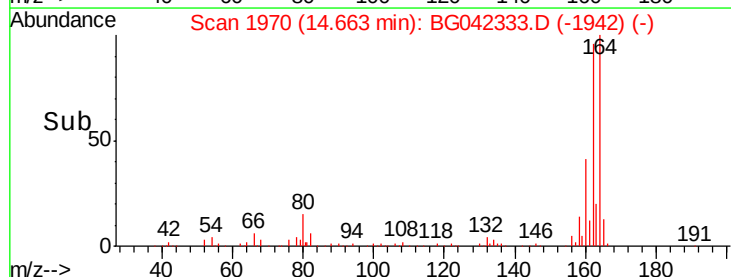


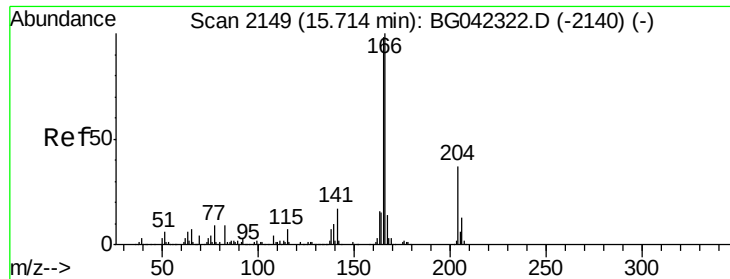
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

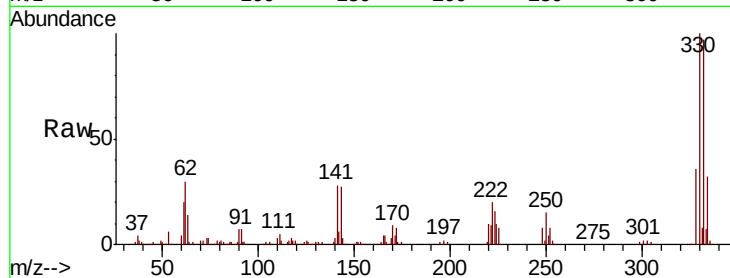




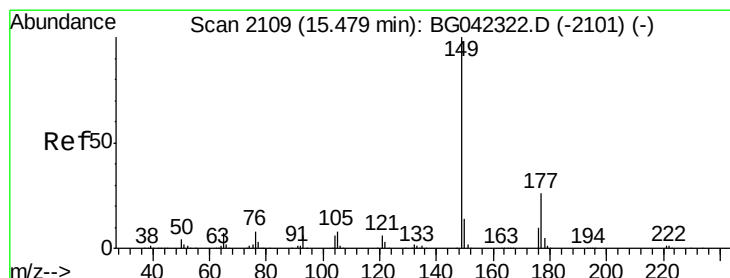
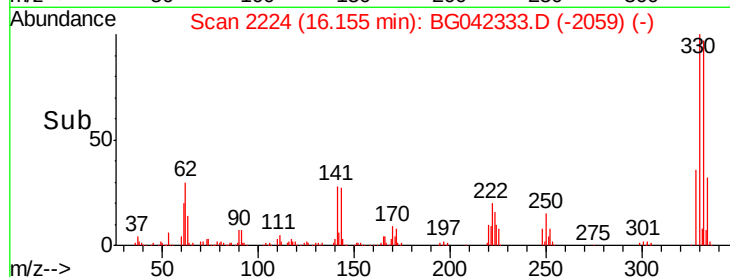
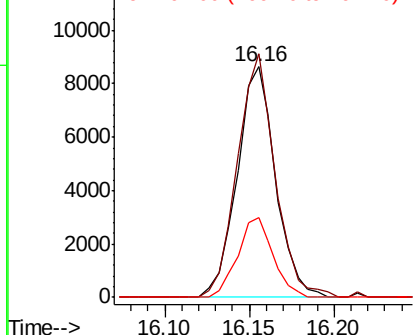
#58
 Fluorene
 Concen: 1.103 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.44 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 13606
 Ion Ratio Lower Upper
 166 100
 165 105.8 78.7 118.1
 167 34.7 11.1 16.7#

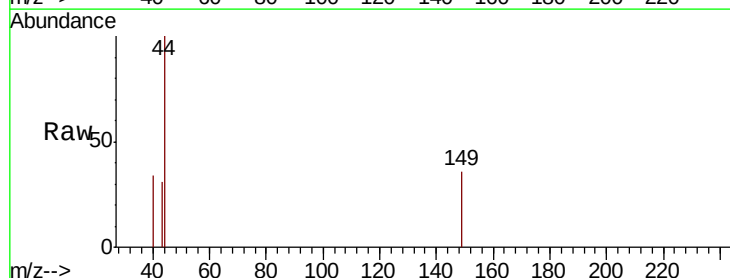


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

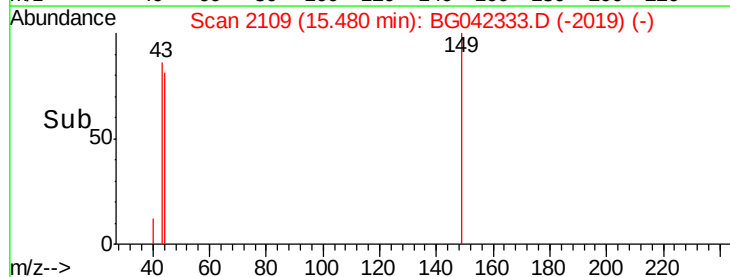
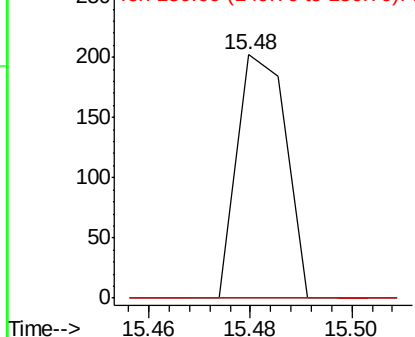


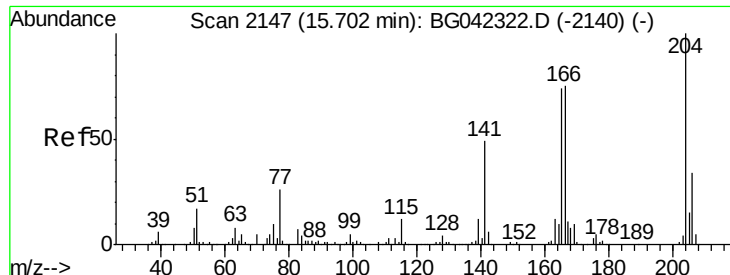
#60
 Diethylphthalate
 Concen: 0.011 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Tgt Ion:149 Resp: 136
 Ion Ratio Lower Upper
 149 100
 177 0.0 20.7 31.1#
 150 0.0 11.0 16.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

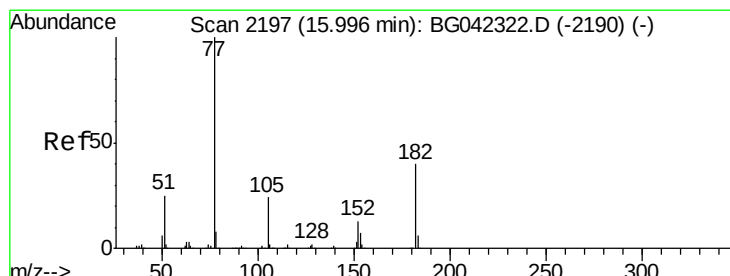
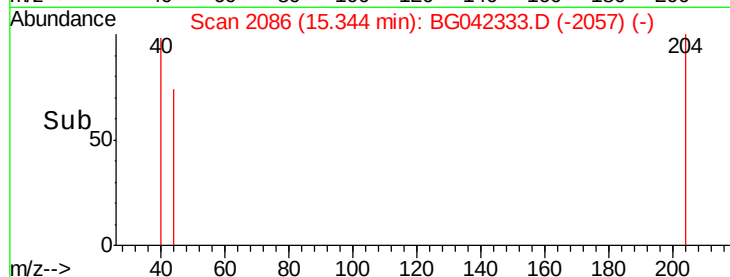
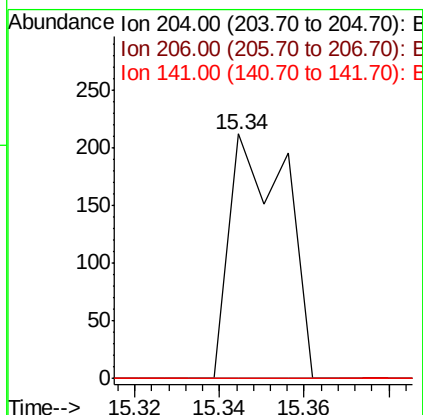
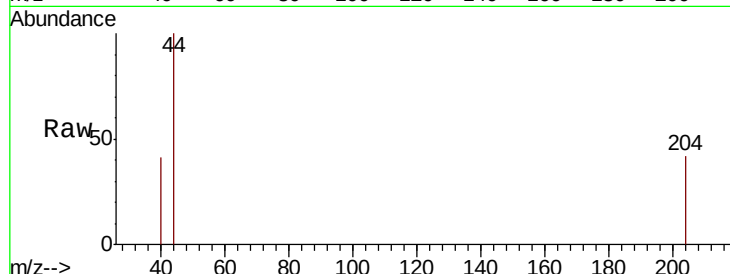




#61
 4-Chlorophenyl-phenylether
 Concen: 0.027 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. -0.36 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

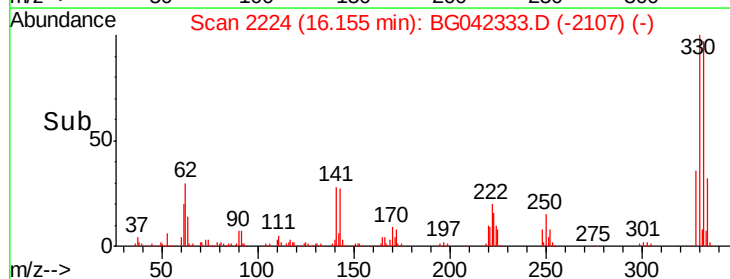
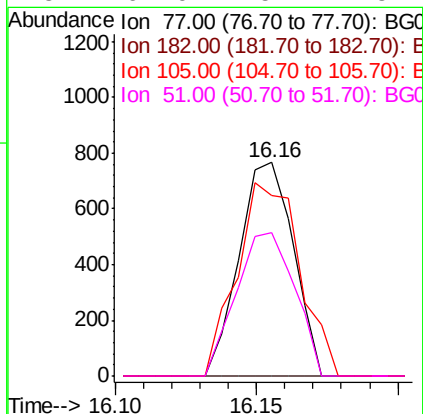
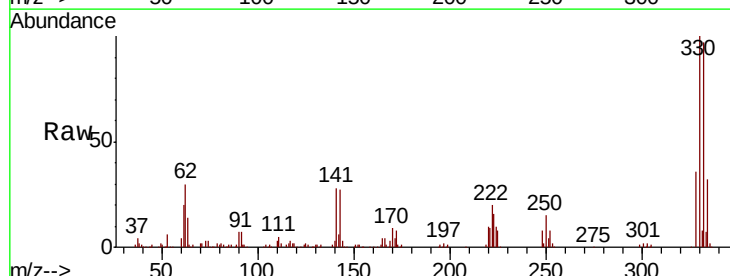
Instrument :
 BNA_G
 ClientSampled :

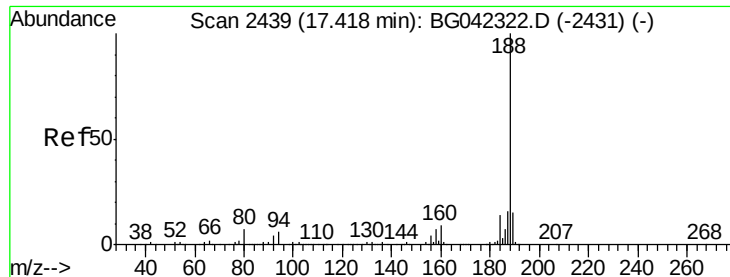
Tot Ion:	204	Resp:	197
Ion	Ratio	Lower	Upper
204	100		
206	0.0	27.5	41.3#
141	0.0	38.8	58.2#



#63
 Azobenzene
 Concen: 0.117 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.16 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Tgt Ion:	77	Resp:	1020
Ion	Ratio	Lower	Upper
77	100		
182	0.0	19.7	59.7#
105	84.4	3.5	43.5#
51	67.0	5.4	45.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

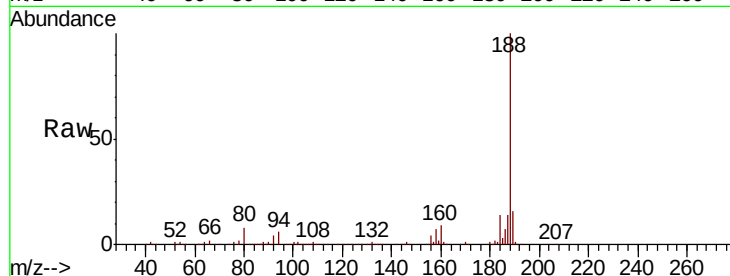
Tot Ion:188 Resp: 418133

Ion Ratio Lower Upper

188 100

94 6.4 4.9 7.3

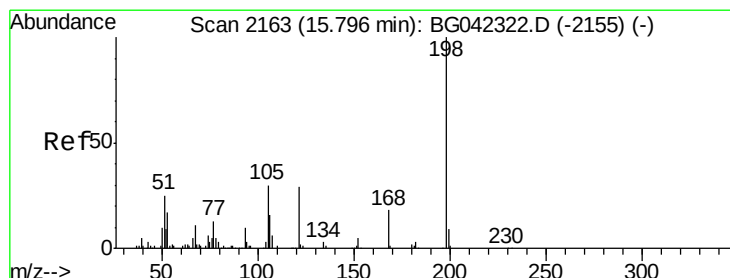
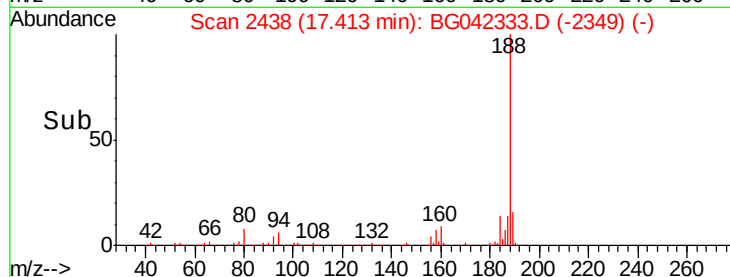
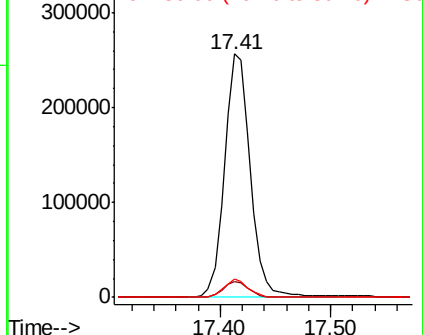
80 7.6 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.243 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.36 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

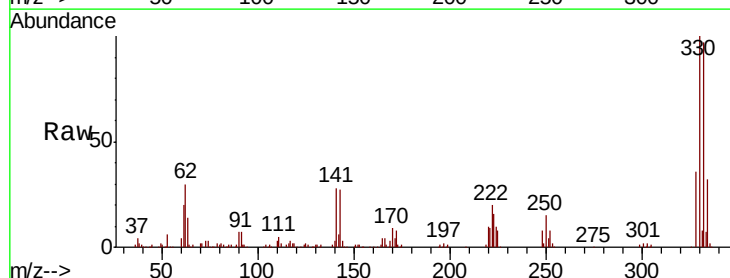
Tgt Ion:198 Resp: 620

Ion Ratio Lower Upper

198 100

51 101.0 6.4 46.4#

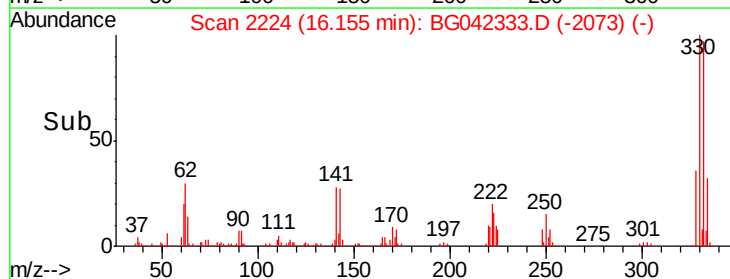
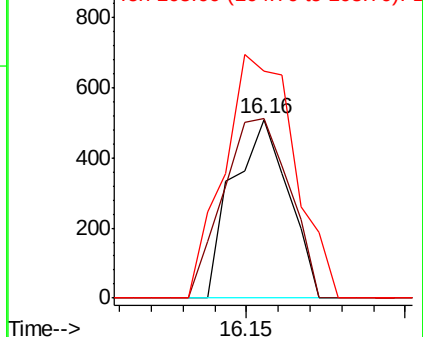
105 127.1 10.0 50.0#

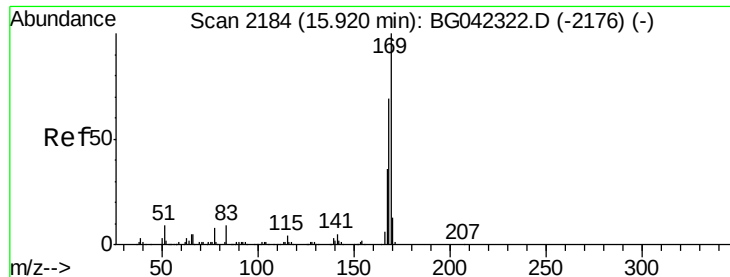


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

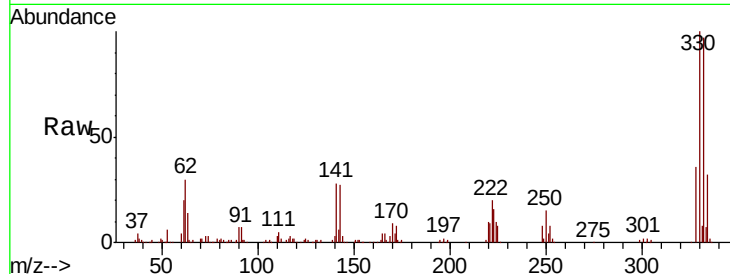




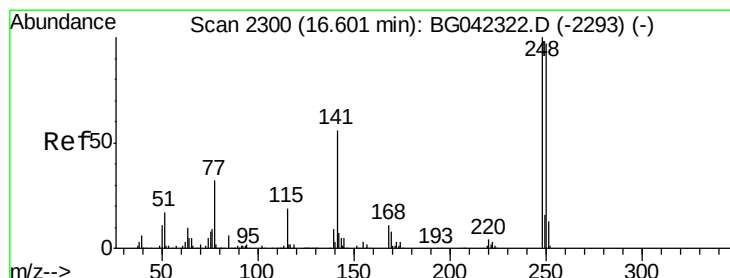
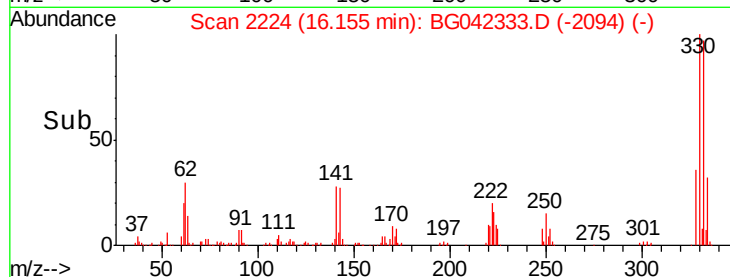
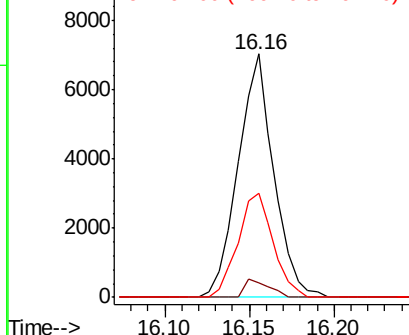
#66
 n-Nitrosodiphenylamine
 Concen: 0.882 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.24 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	169	Resp	10319
Ion Ratio	100	Lower	Upper
168	6.0	55.5	83.3#
167	42.5	28.9	43.3

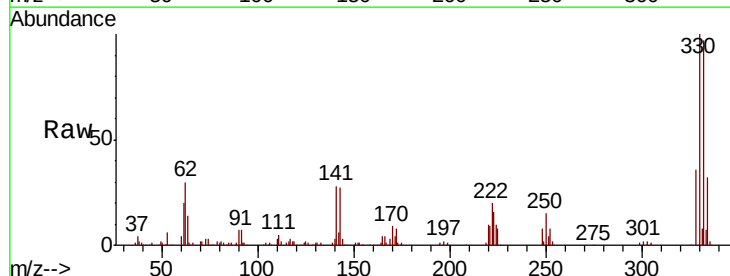


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

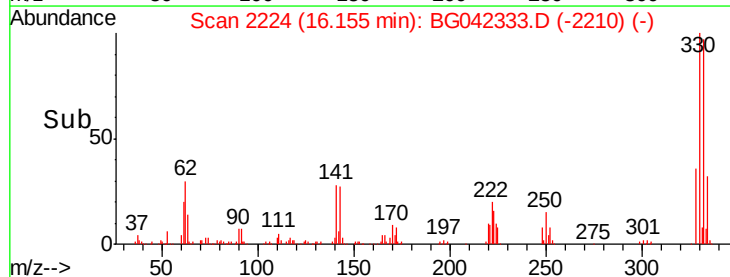
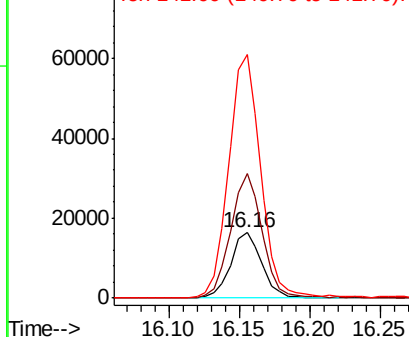


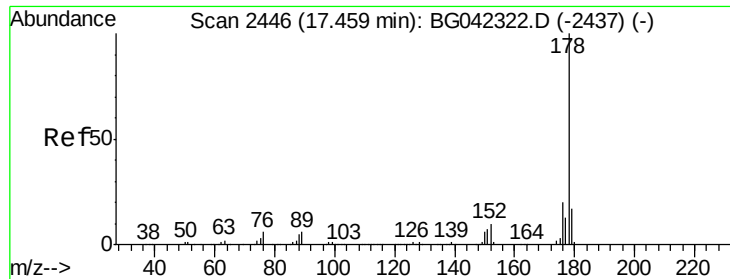
#67
 4-Bromophenyl-phenylether
 Concen: 4.707 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Tgt Ion	248	Resp	25049
Ion Ratio	100	Lower	Upper
250	192.0	78.0	117.0#
141	373.8	44.9	67.3#



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

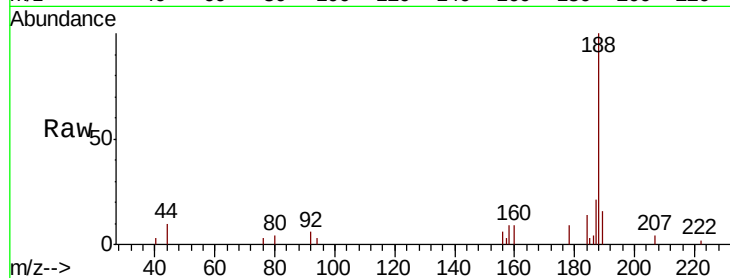




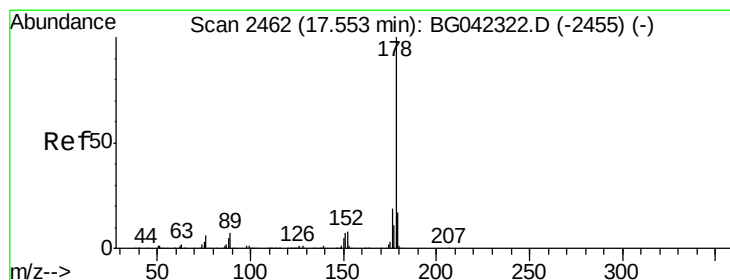
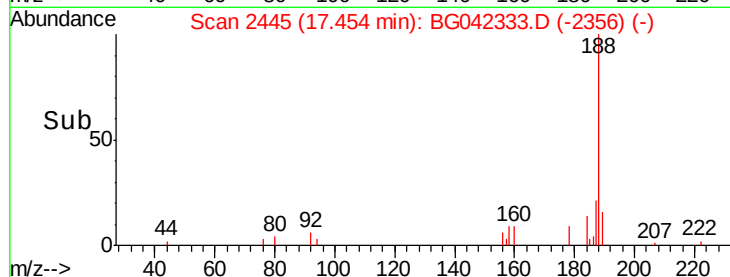
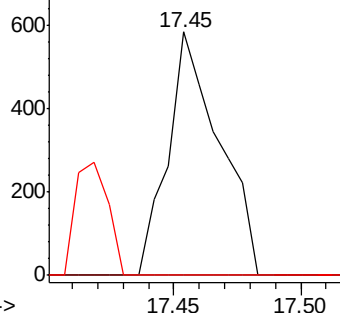
#71
 Phenanthrene
 Concen: 0.039 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	0.0	13.7	20.5#

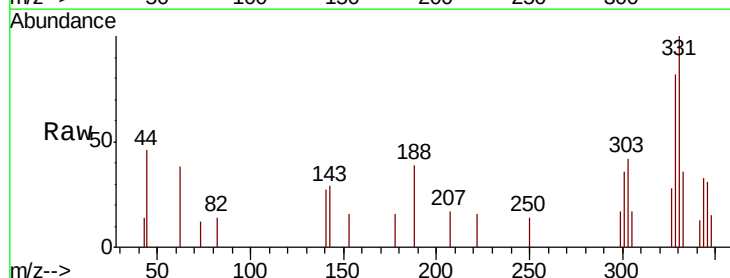


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

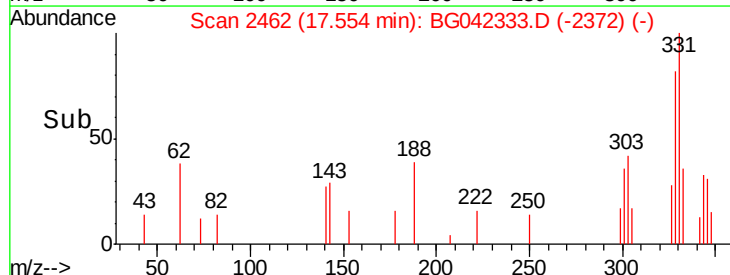
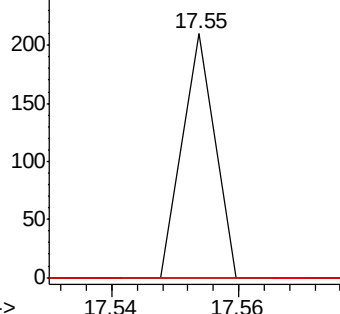


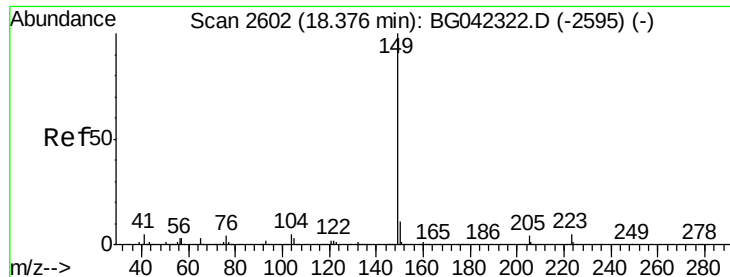
#72
 Anthracene
 Concen: 0.004 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	0.0	13.6	20.4#



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





#74

Di-n-butylphthalate

Concen: 0.064 ng

RT: 18.38 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampled :

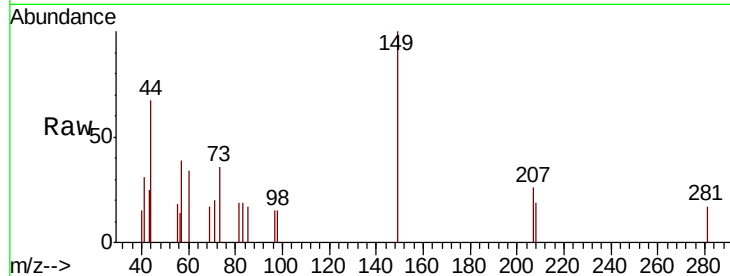
Tot Ion:149 Resp: 1372

Ion Ratio Lower Upper

149 100

150 0.0 8.4 12.6#

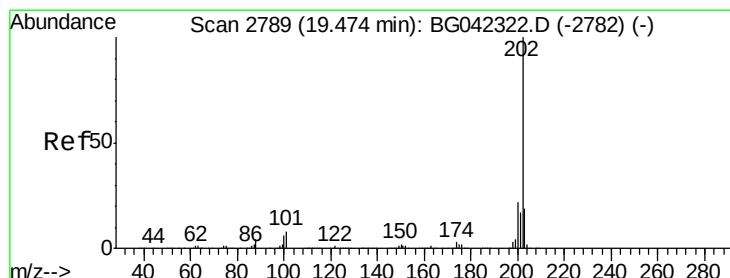
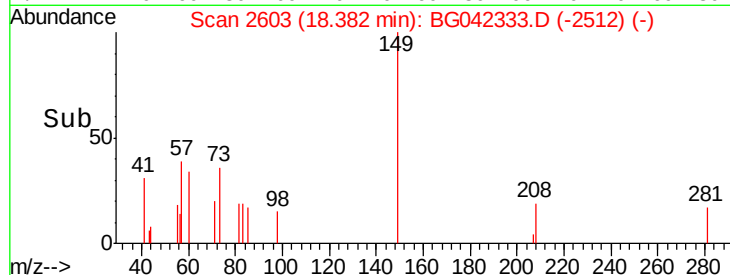
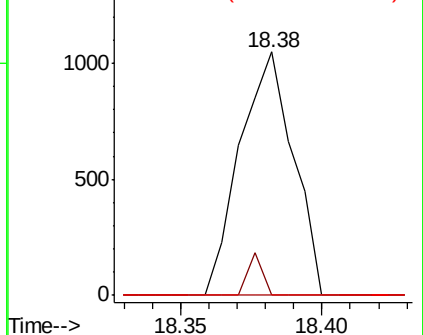
104 0.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.092 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

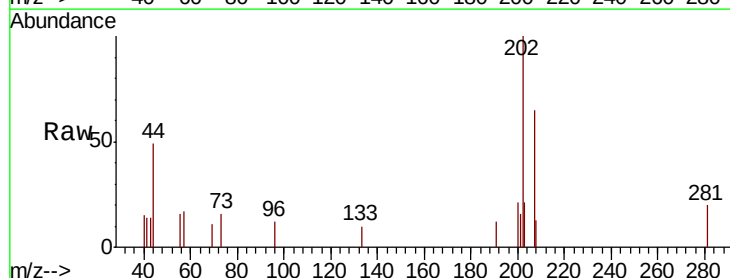
Tgt Ion:202 Resp: 2315

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.0

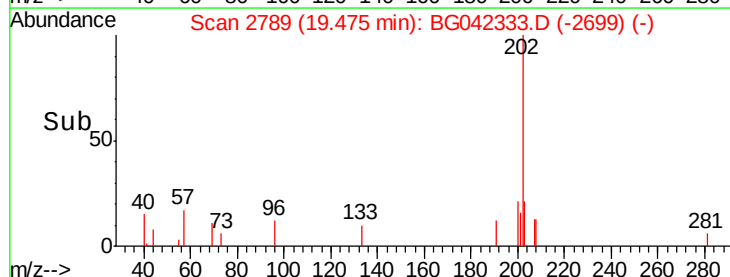
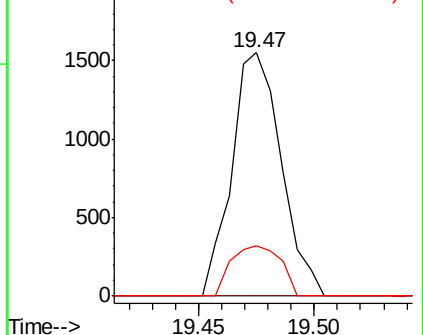
203 20.9 0.0 39.1

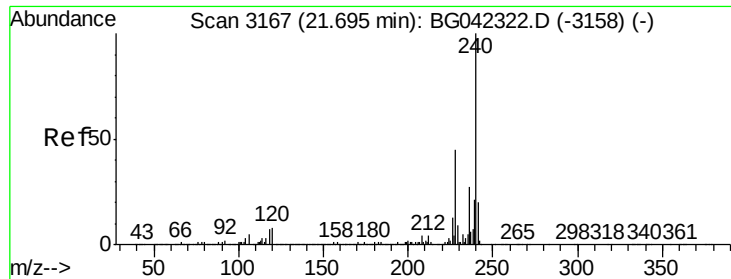


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

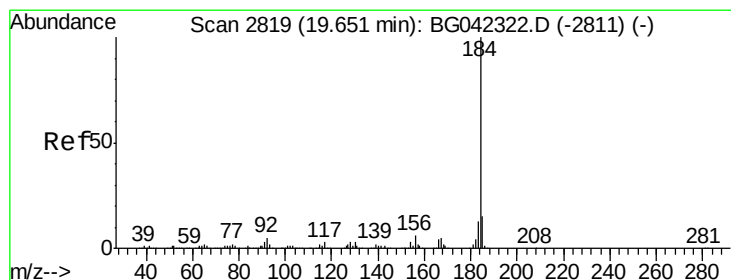
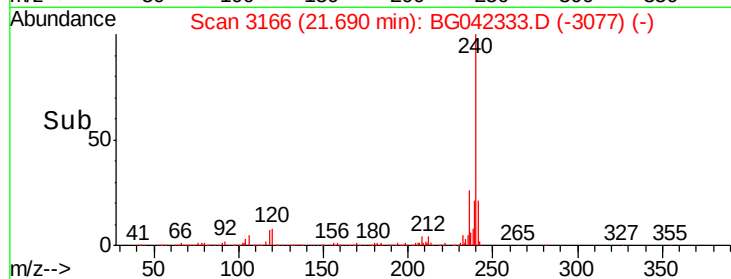
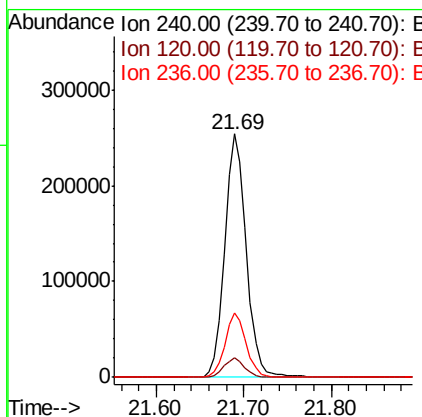
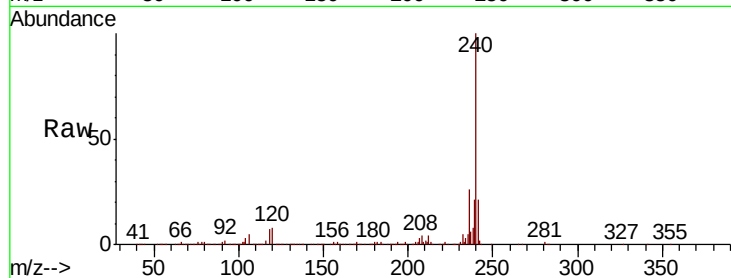




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

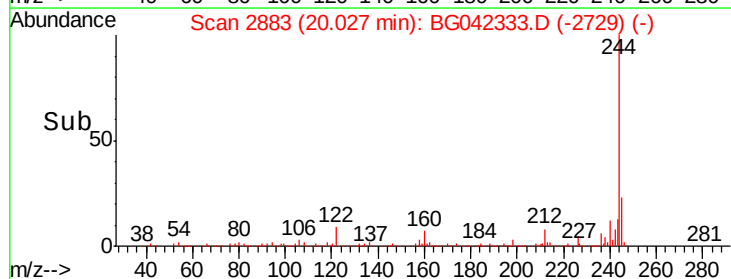
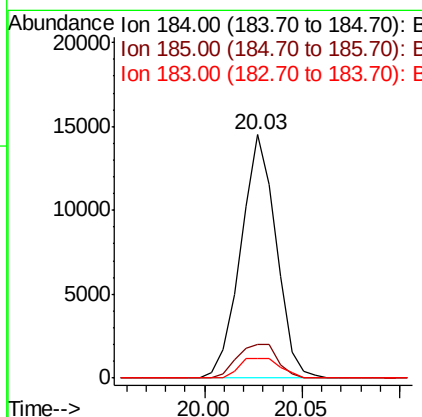
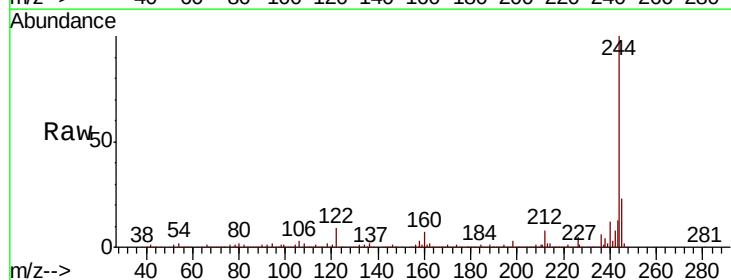
Instrument :
BNA_G
ClientSampleId :

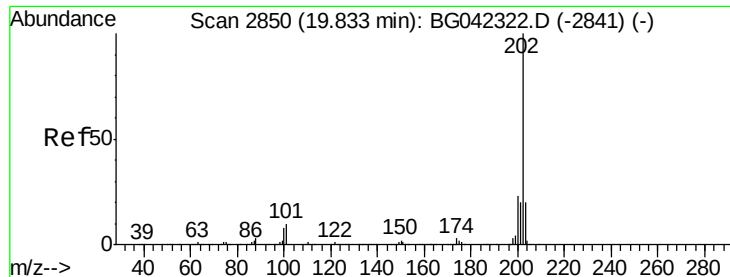
Tot Ion:240 Resp: 429669
Ion Ratio Lower Upper
240 100
120 8.0 6.0 9.0
236 26.4 21.6 32.4



#77
Benzidine
Concen: 1.595 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.38 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

Tgt Ion:184 Resp: 18168
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 8.1 10.6 15.8#





#78

Pvrene

Concen: 0.088 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.36 min

Lab File: BG042333.D

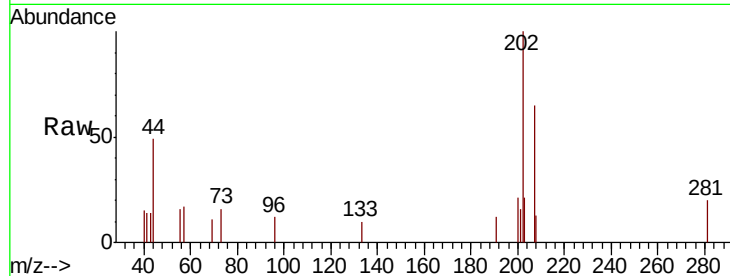
Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	2315
Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.1	27.1
203	20.9	15.8	23.8

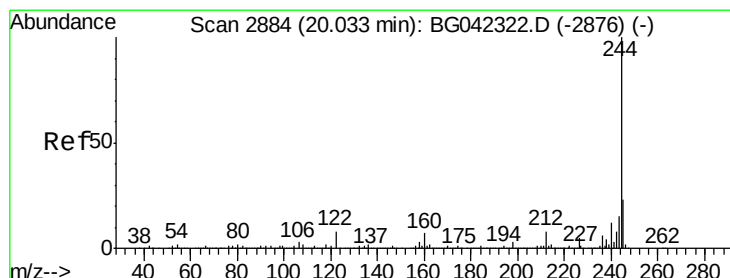
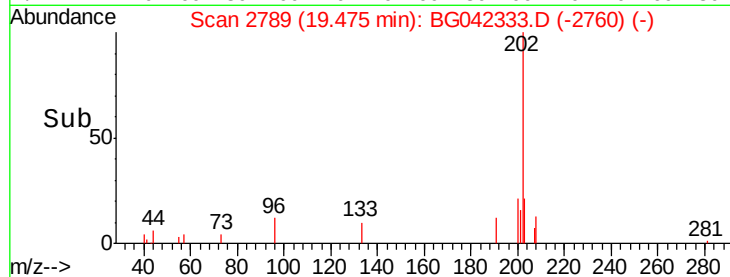
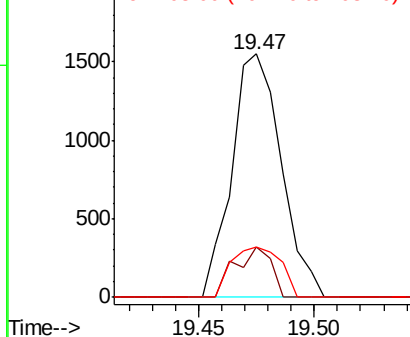


Abundance

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: 74.554 ng

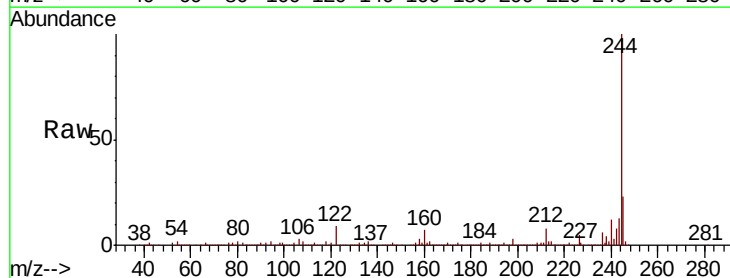
RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Tgt Ion:	244	Resp:	1462534
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	8.9	6.6	10.0

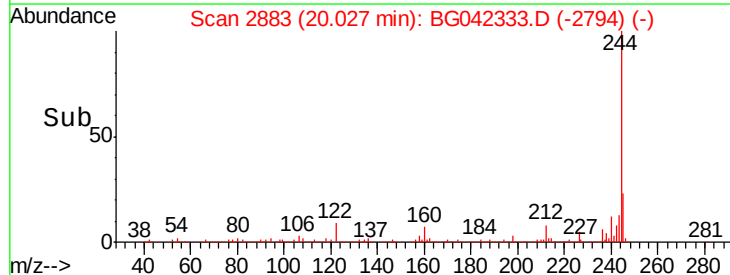
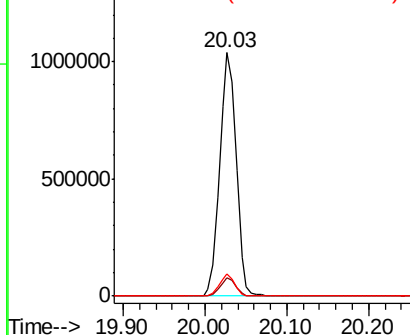


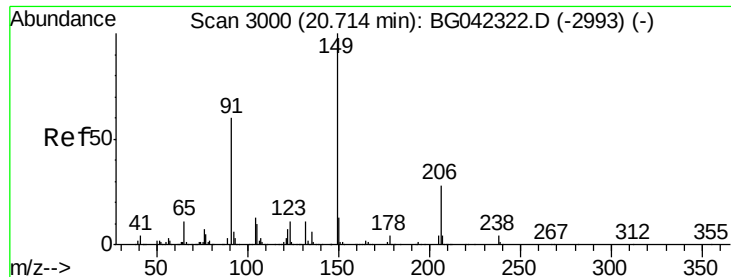
Abundance

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

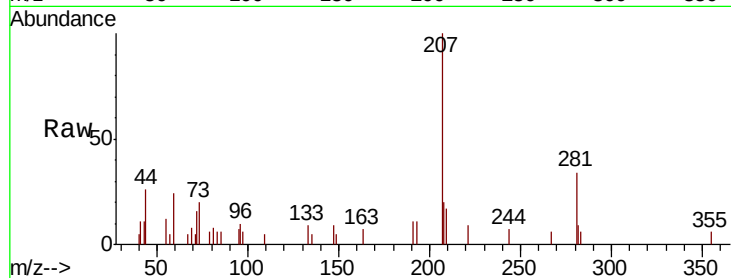




#80
Butylbenzylphthalate
Concen: 0.010 ng
RT: 20.72 min Scan# 3001
Delta R.T. 0.01 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

Instrument :
BNA_G
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	47.8	71.6#
206	0.0	22.6	33.8#

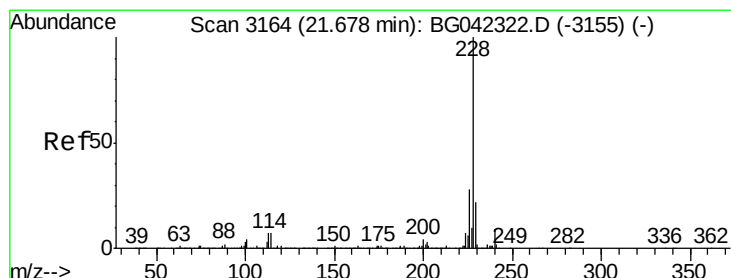
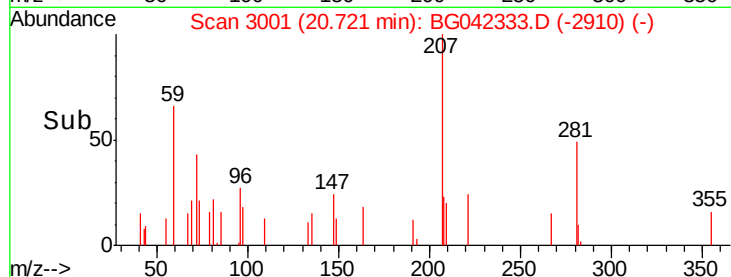
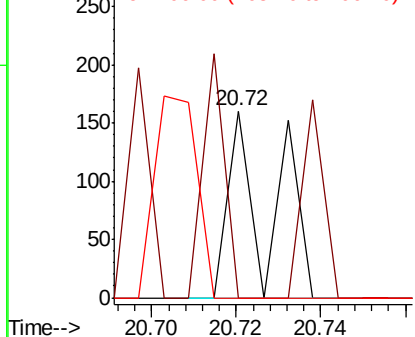


Abundance

Ion 149.00 (148.70 to 149.70): E

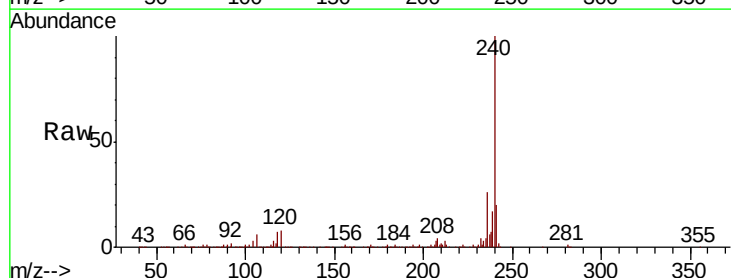
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81
Benzo(a)anthracene
Concen: 0.096 ng
RT: 21.68 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	19.1	22.7	34.1#
229	22.4	17.4	26.2

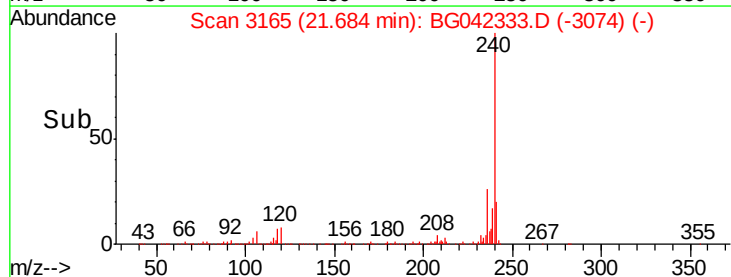
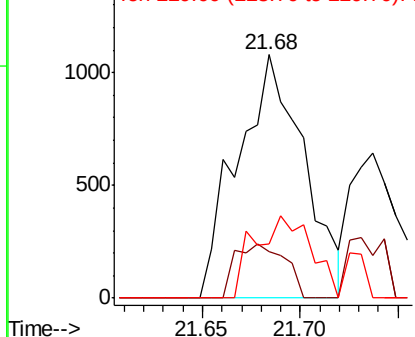


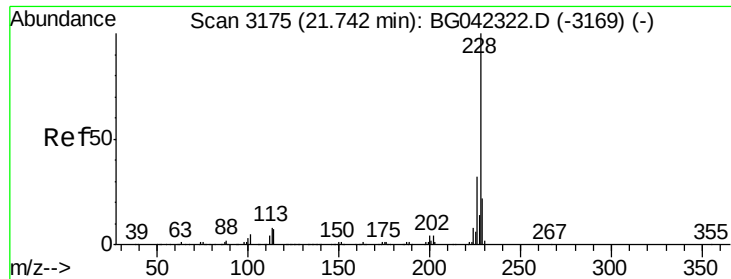
Abundance

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

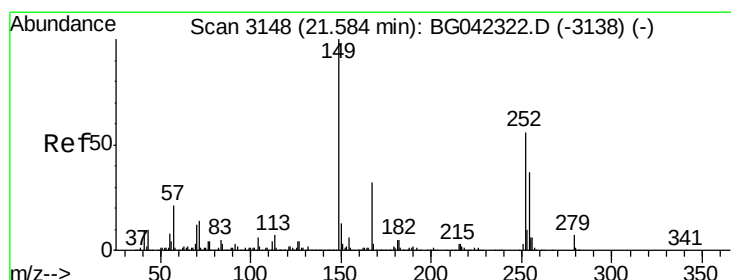
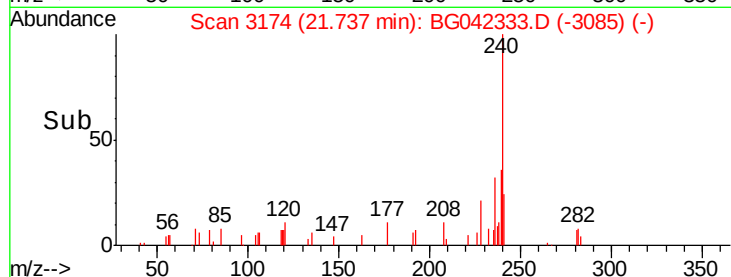
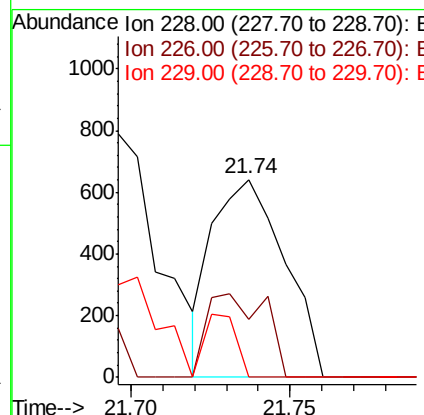
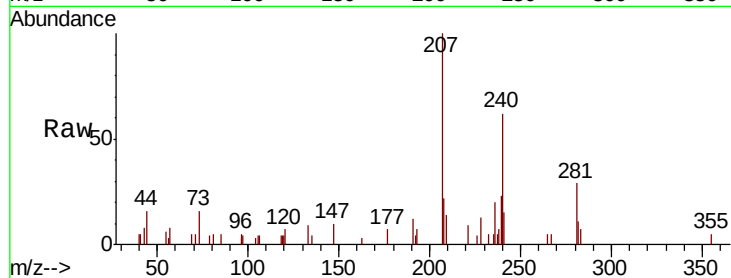




#83
 Chrysene
 Concen: 0.040 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

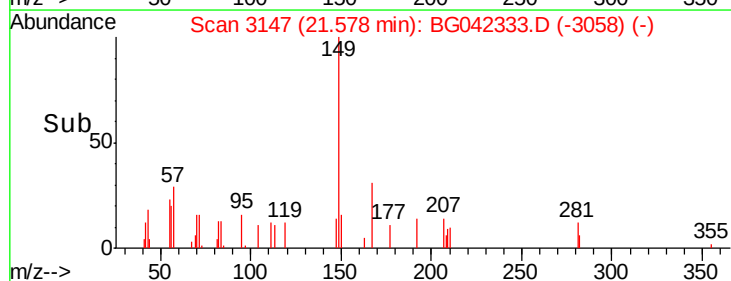
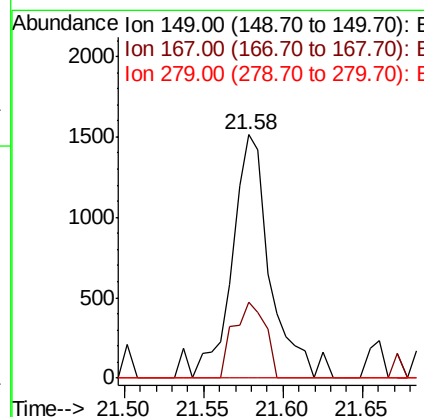
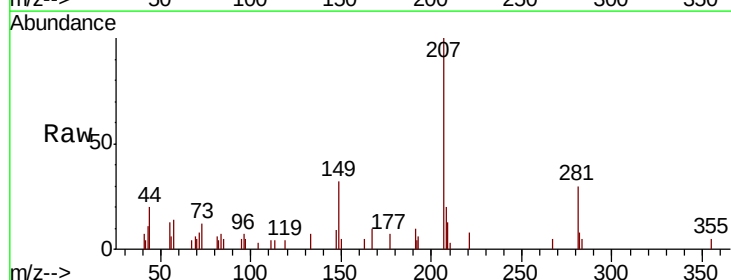
Instrument :
 BNA_G
 ClientSampled :

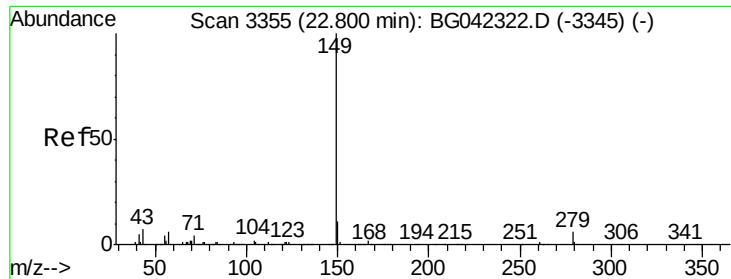
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.6	38.4
229	0.0	17.8	26.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.171 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG042333.D
 Acq: 19 Aug 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	25.4	38.0
279	0.0	5.8	8.6#

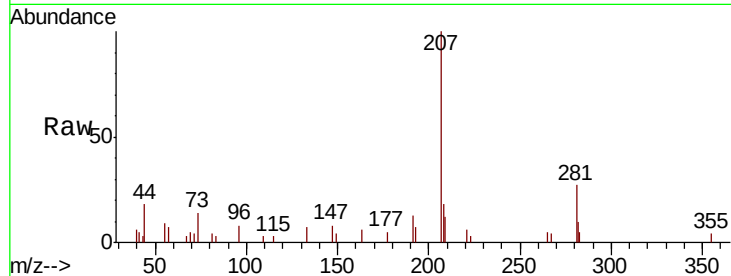




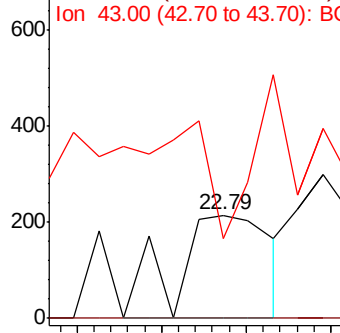
#85
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

Instrument :
BNA_G
ClientSampled :

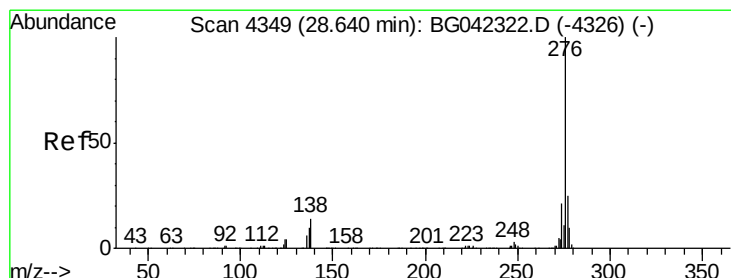
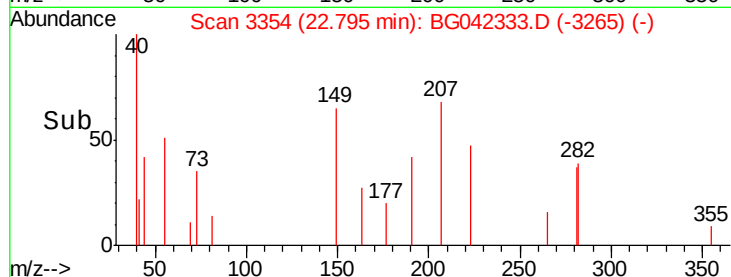
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	0.0	5.4	8.2#



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): BG0

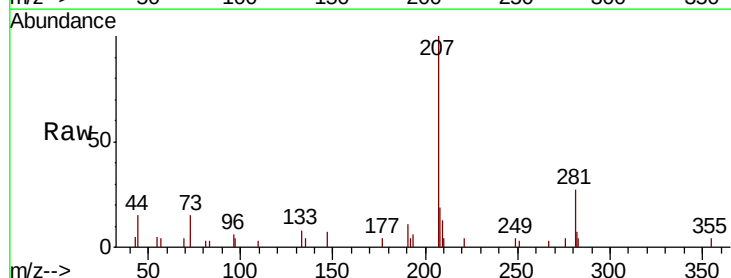


Time-->

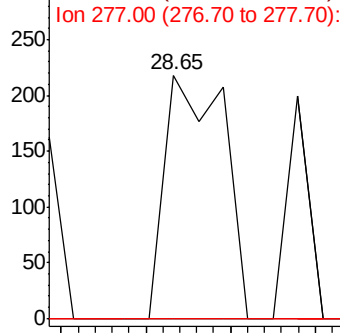


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng
RT: 28.65 min Scan# 4350
Delta R.T. 0.01 min
Lab File: BG042333.D
Acq: 19 Aug 2019 19:14

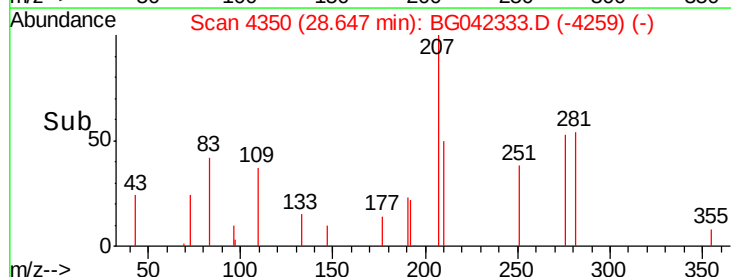
Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.5	21.7#
277	0.0	21.0	31.4#

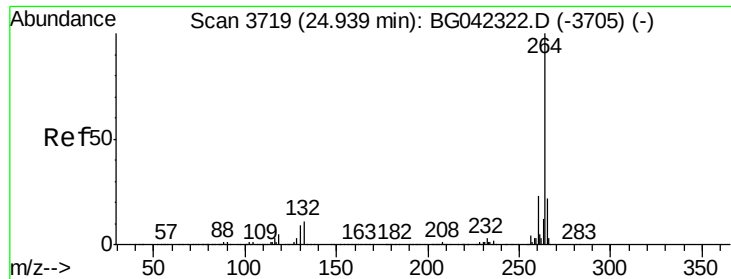


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

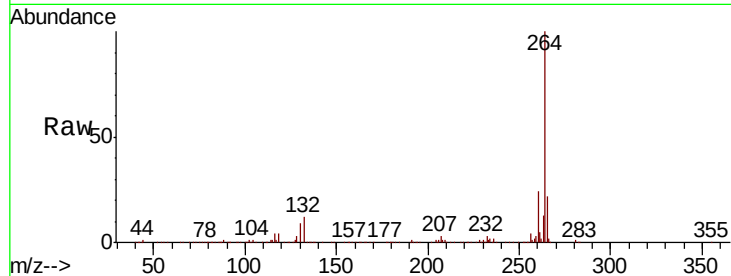
Tot Ion:264 Resp: 503687

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

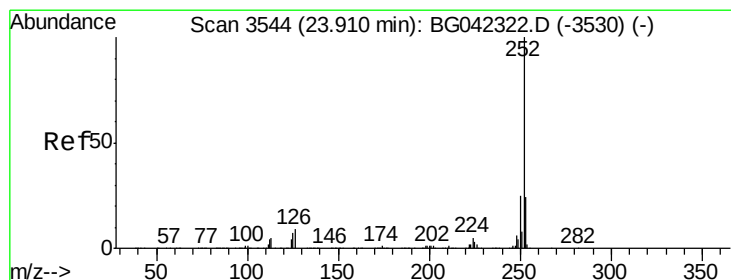
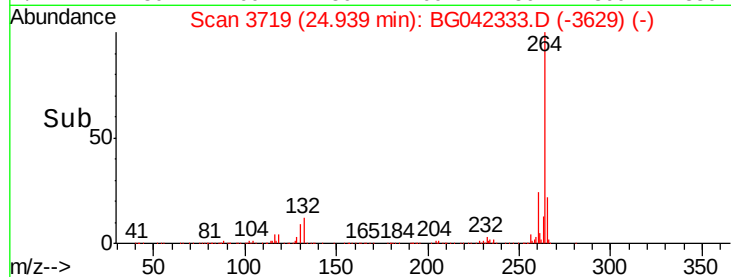
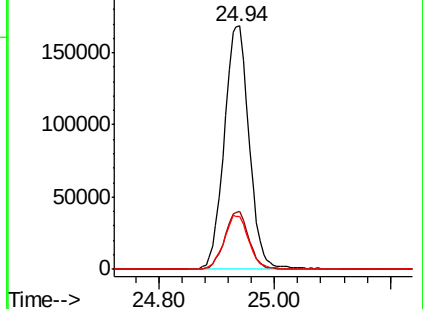
265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.051 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

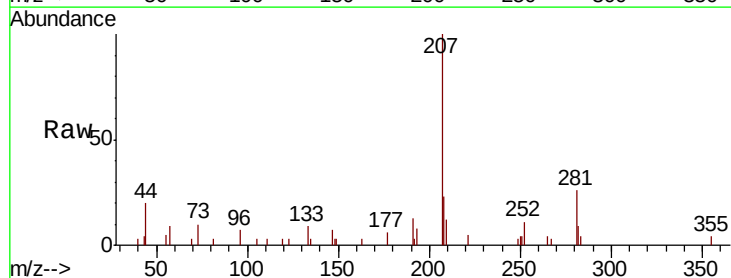
Tgt Ion:252 Resp: 1415

Ion Ratio Lower Upper

252 100

253 0.0 18.9 28.3#

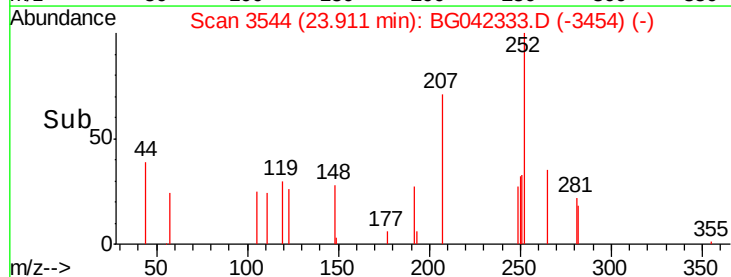
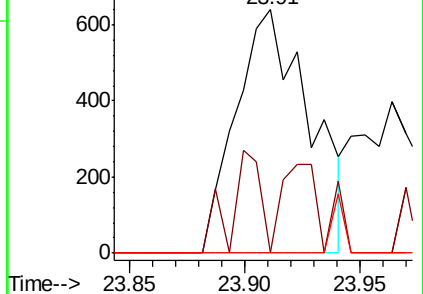
125 0.0 5.8 8.6#

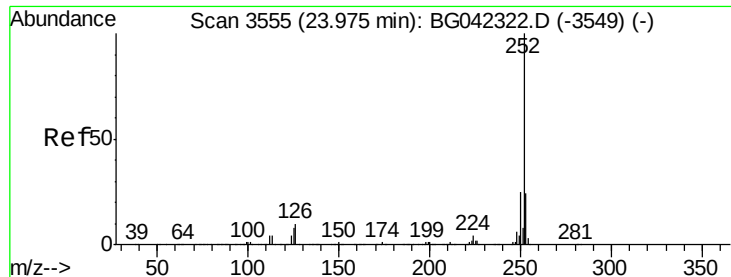


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 24.03 min Scan# 3564

Delta R.T. 0.05 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampled :

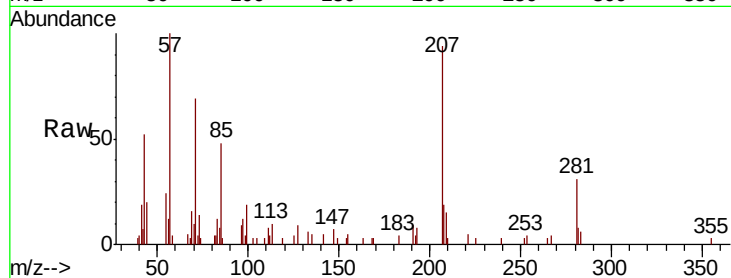
Tot Ion:252 Resp: 53

Ion Ratio Lower Upper

252 100

253 151.7 19.0 28.4#

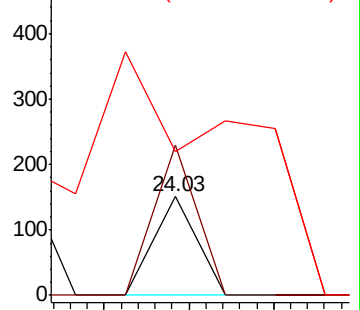
125 145.0 6.0 9.0#



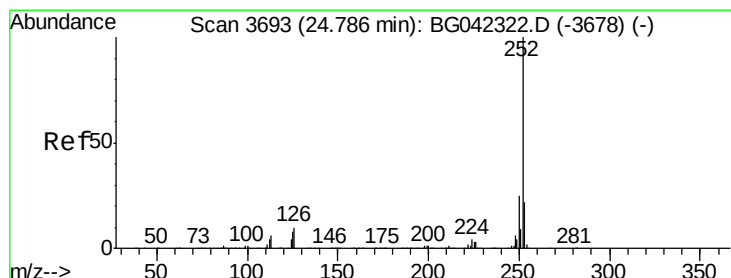
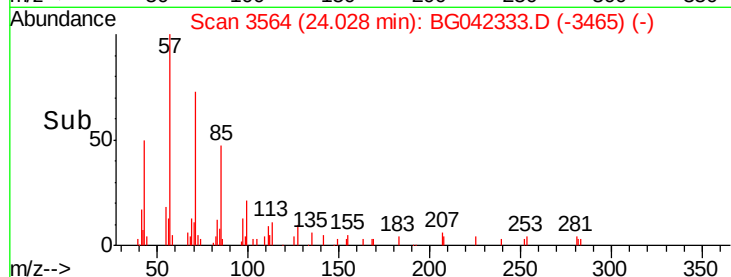
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 0.033 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

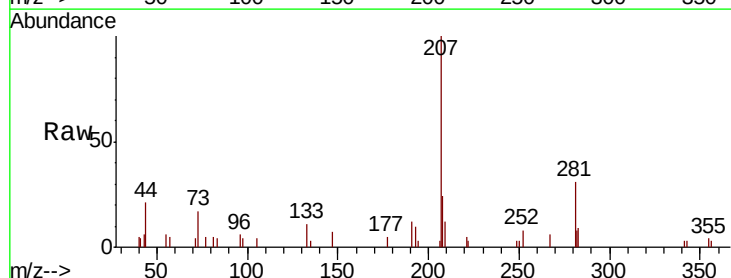
Tgt Ion:252 Resp: 878

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

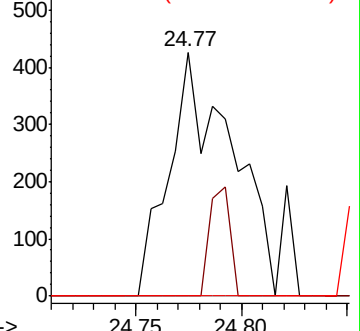
125 0.0 6.7 10.1#



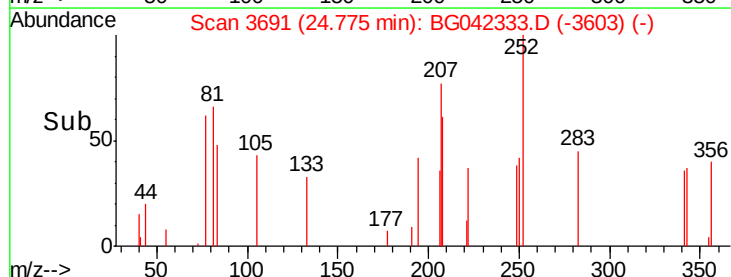
Abundance Ion 252.00 (251.70 to 252.70): E

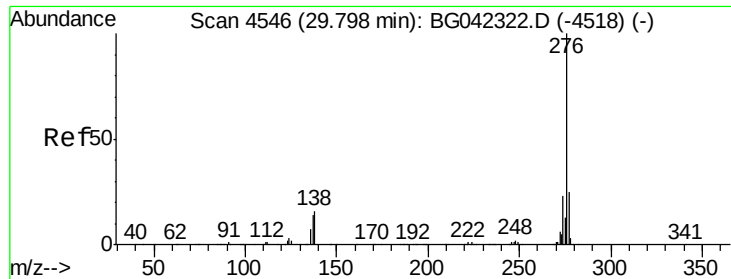
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#92

Benzo(a,h,i)perylene

Concen: 0.011 ng

RT: 29.80 min Scan# 4547

Delta R.T. 0.01 min

Lab File: BG042333.D

Acq: 19 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

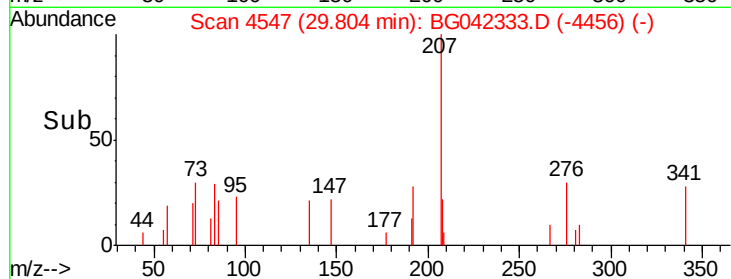
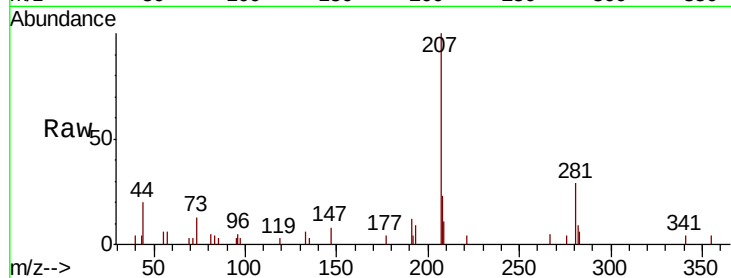
Tot Ion: 276 Resp: 278

Ion Ratio Lower Upper

276 100

277 0.0 19.8 29.8#

138 0.0 12.8 19.2#



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

