

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042341.D
 Acq On : 20 Aug 2019 00:21
 Operator : HP/JU
 Sample : K4331-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 04:26:30 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	67625	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	263434	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	195859	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	428694	20.00	ng	0.00
76) Chrysene-d12	21.69	240	430411	20.00	ng	0.00
87) Perylene-d12	24.94	264	519752	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	215313	64.51	ng	0.00
7) Phenol-d6	7.17	99	178546	39.39	ng	0.00
23) Nitrobenzene-d5	9.17	82	399464	106.65	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	400030	149.96	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1246502	107.69	ng	0.00
79) Terphenyl-d14	20.03	244	1904251	96.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	17281	12.006	ng	# 1
4) n-Nitrosodimethylamine	3.75	42	97	0.076	ng	# 1
6) Aniline	7.54	93	562	0.094	ng	# 1
9) Benzaldehyde	7.16	77	56	0.022	ng	# 1
10) Phenol	7.20	94	4485	0.973	ng	# 86
11) bis(2-Chloroethyl)ether	7.54	93	562	0.154	ng	# 1
15) Benzyl Alcohol	8.33	79	6595	2.115	ng	# 55
16) 2,2'-oxybis(1-Chloropropan	8.15	45	53	0.011	ng	# 67
19) n-Nitroso-di-n-propylamine	9.17	70	51288	17.591	ng	# 72
22) Acetophenone	8.83	105	3883	0.694	ng	# 95
24) Nitrobenzene	9.18	77	1153	0.302	ng	# 30
25) Isophorone	9.49	82	244	0.033	ng	# 59
46) 1,1'-Biphenyl	13.50	154	1755	0.137	ng	# 90
48) 2-Nitroaniline	14.11	65	626	0.243	ng	# 1
50) Dimethylphthalate	14.11	163	74942	5.385	ng	# 99
51) 2,6-Dinitrotoluene	14.11	165	887	0.272	ng	# 38
52) Acenaphthene	14.66	154	578	0.058	ng	# 5
57) 2,4-Dinitrotoluene	14.67	165	25473	5.594	ng	# 36
58) Fluorene	16.16	166	15217	1.150	ng	# 91
60) Diethylphthalate	15.48	149	1588	0.118	ng	# 95
63) Azobenzene	16.16	77	1066	0.114	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.15	198	891	0.341	ng	# 1
66) n-Nitrosodiphenylamine	16.16	169	12160	1.014	ng	# 49
67) 4-Bromophenyl-phenylether	16.16	248	28470	5.219	ng	# 1
71) Phenanthrene	17.46	178	331	0.016	ng	# 58
72) Anthracene	17.46	178	331	0.016	ng	# 59
73) Carbazole	17.70	167	113	0.006	ng	# 57
74) Di-n-butylphthalate	18.38	149	16841	0.763	ng	# 94
75) Fluoranthene	19.47	202	69	0.003	ng	# 64
77) Benzidine	19.72	184	1996	0.175	ng	# 91
78) Pyrene	20.03	202	6655	0.251	ng	# 63
80) Butylbenzylphthalate	20.69	149	7693	0.733	ng	# 51
81) Benzo(a)anthracene	21.69	228	1461	0.055	ng	# 61
82) 3,3'-Dichlorobenzidine	21.71	252	71	0.007	ng	# 23

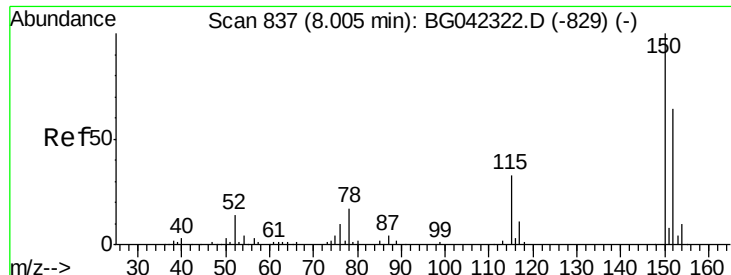
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042341.D
Acq On : 20 Aug 2019 00:21
Operator : HP/JU
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
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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)
83) Chrysene	21.69	228	1461	0.058	ng	# 58
84) Bis(2-ethylhexyl)phthalate	21.58	149	2726	0.186	ng	# 96
85) Di-n-octyl phthalate	22.80	149	261	0.010	ng	# 83
88) Benzo(b)fluoranthene	23.91	252	74	0.003	ng	# 58
89) Benzo(k)fluoranthene	23.91	252	74	0.003	ng	# 58
90) Benzo(a)pyrene	24.93	252	1952	0.071	ng	# 67

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

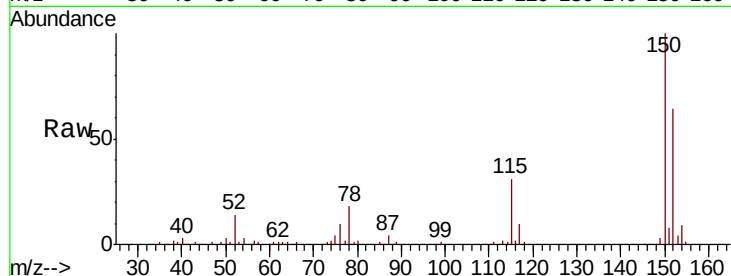


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.3	186.5
115	48.9	40.5	60.7

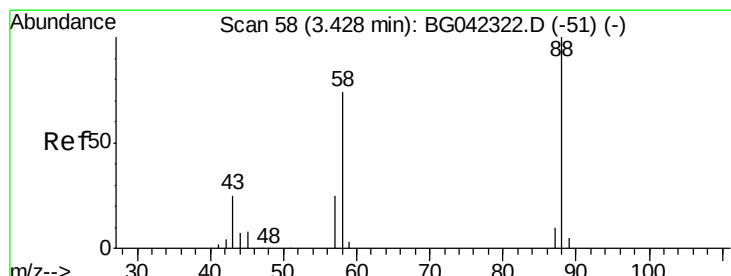
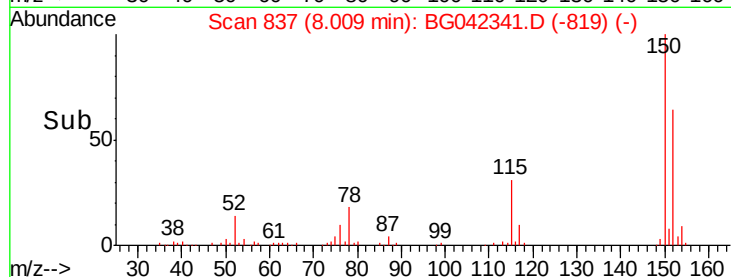
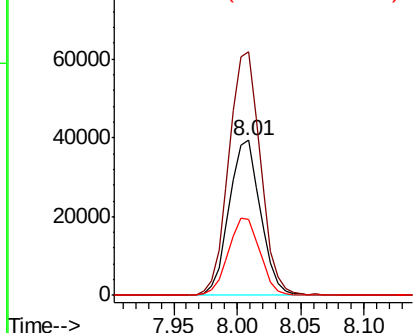


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

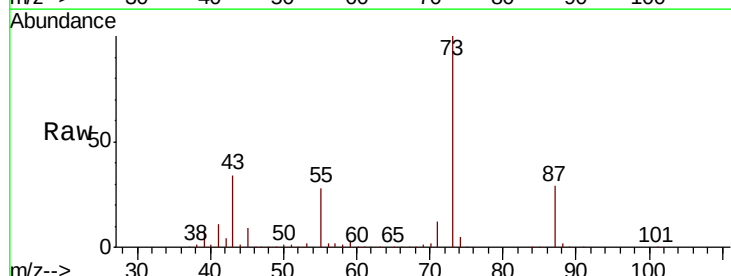
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 12.006 ng
RT: 3.13 min Scan# 6
Delta R.T. -0.30 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	27.6	58.6	88.0#
43	2031.0	19.4	29.0#

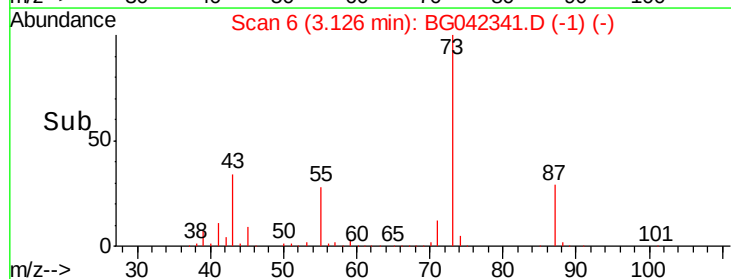
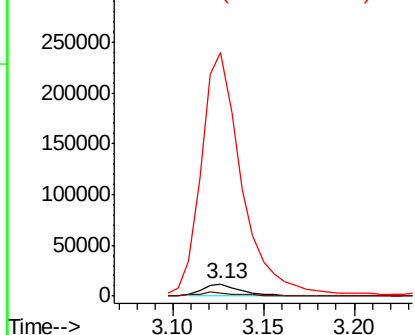


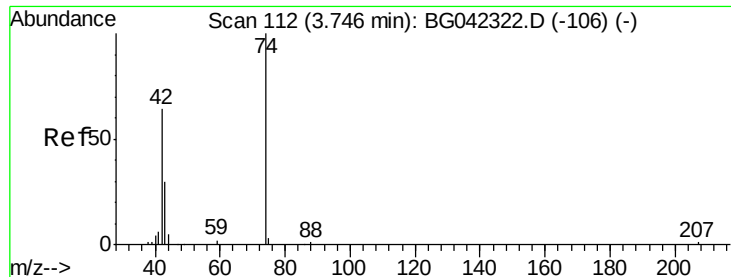
Abundance

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



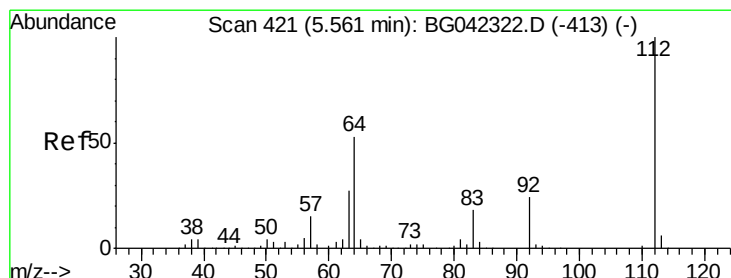
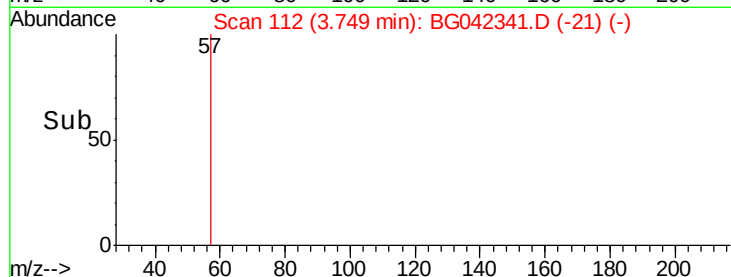
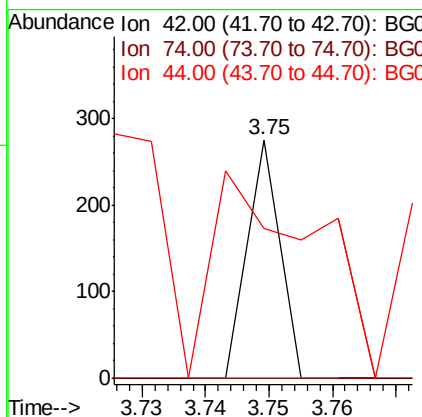
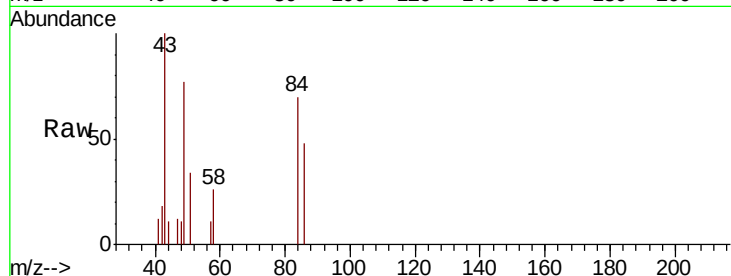


#4

n-Nitrosodimethylamine
 Concen: 0.076 ng
 RT: 3.75 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Instrument :
 BNA_G
 ClientSampleId :

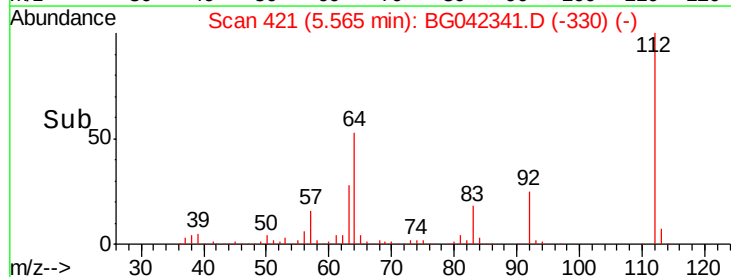
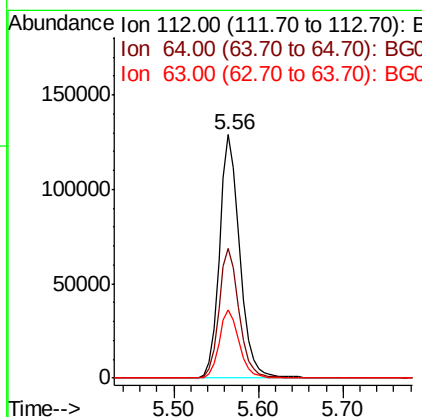
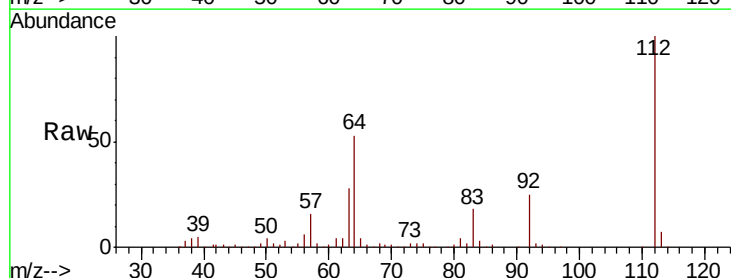
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	124.2	186.2#
44	62.9	6.5	9.7#

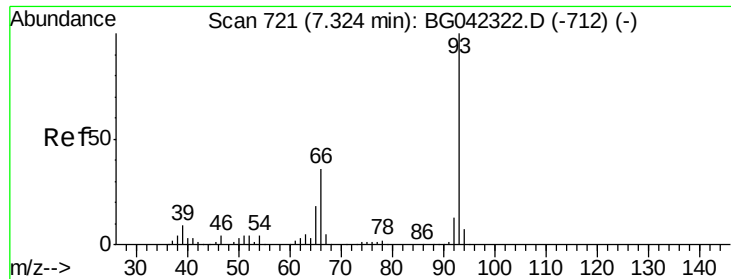


#5

2-Fluorophenol
 Concen: 64.509 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.5	63.7
63	28.0	21.7	32.5





#6

Aniline

Concen: 0.094 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

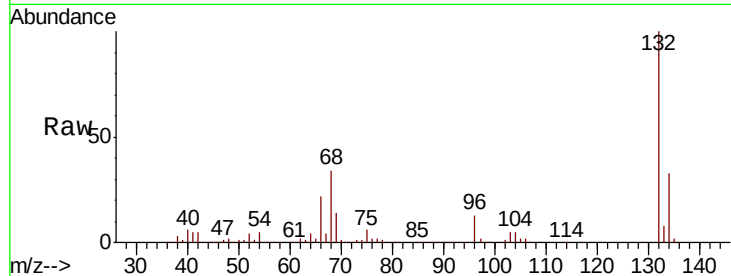
Tot Ion: 93 Resp: 562

Ion Ratio Lower Upper

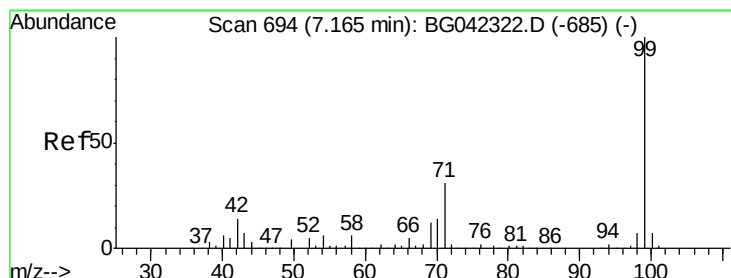
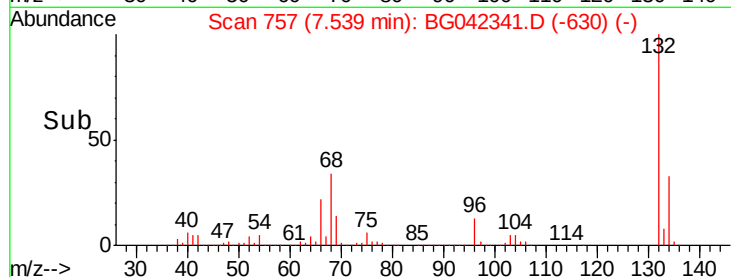
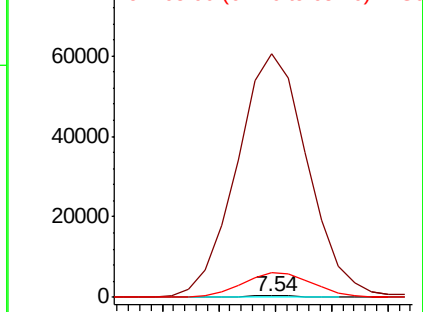
93 100

66 17489.0 29.1 43.7#

65 1743.6 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: 39.388 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

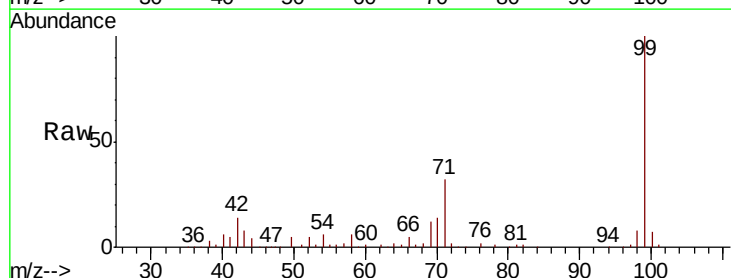
Tgt Ion: 99 Resp: 178546

Ion Ratio Lower Upper

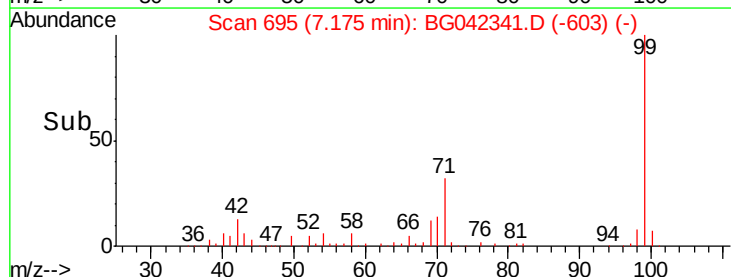
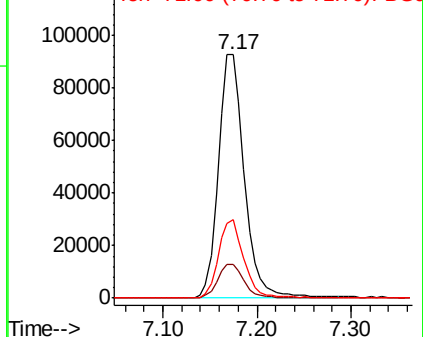
99 100

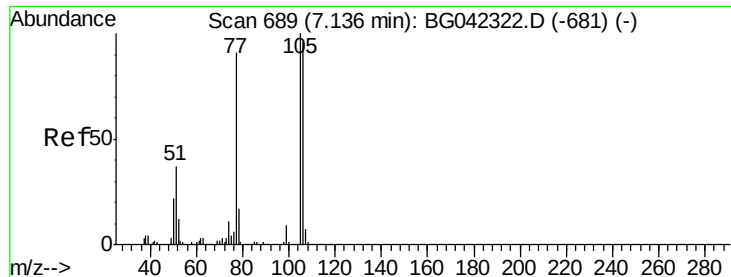
42 13.7 11.4 17.0

71 32.3 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: 0.022 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.02 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampled :

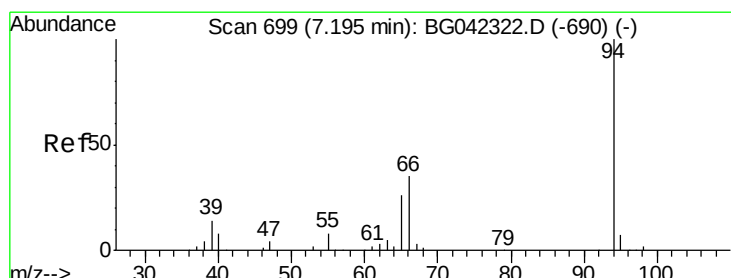
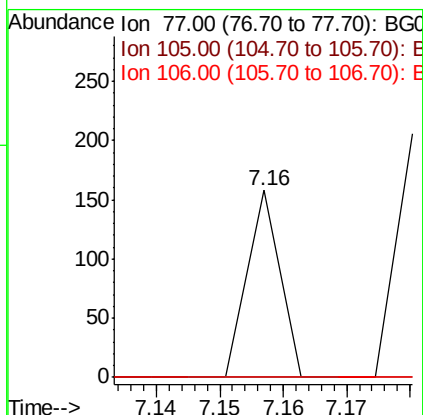
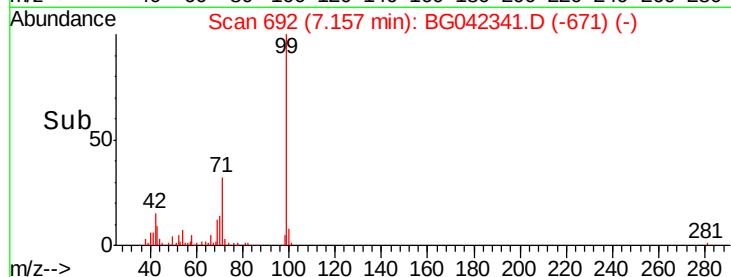
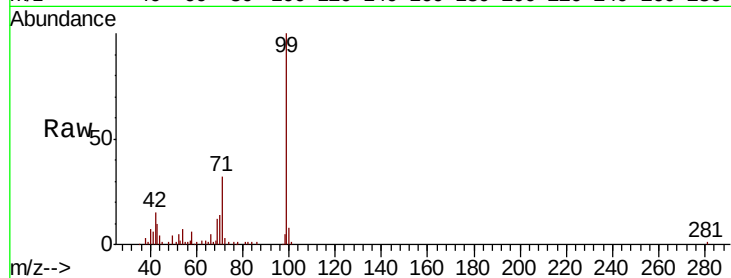
Tot Ion: 77 Resp: 56

Ion Ratio Lower Upper

77 100

105 0.0 89.8 129.8#

106 0.0 85.1 125.1#



#10

Phenol

Concen: 0.973 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

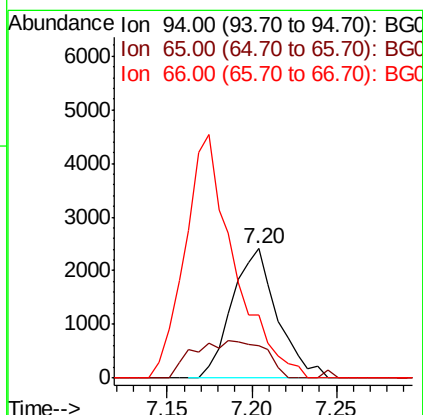
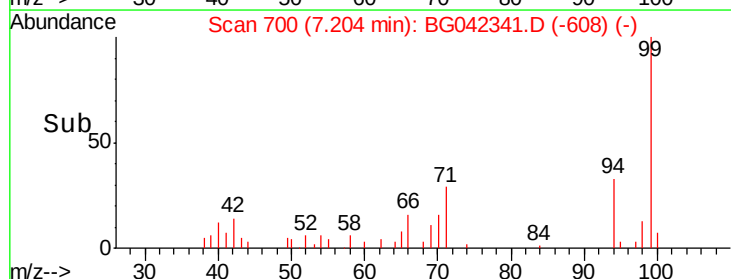
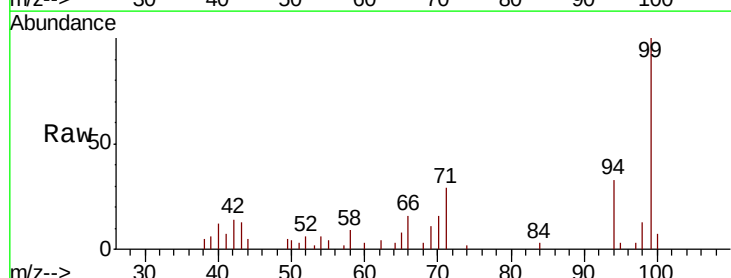
Tgt Ion: 94 Resp: 4485

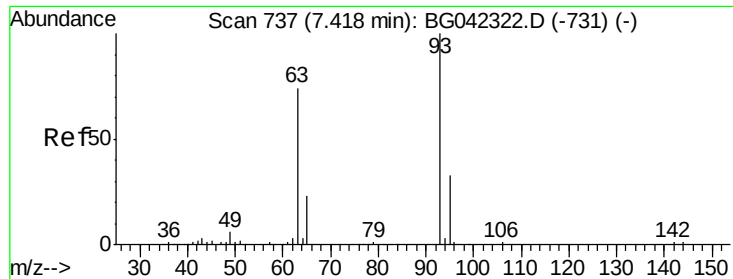
Ion Ratio Lower Upper

94 100

65 25.0 6.1 46.1

66 48.8 15.7 55.7

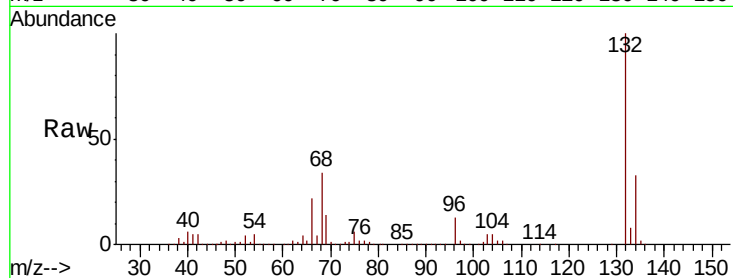




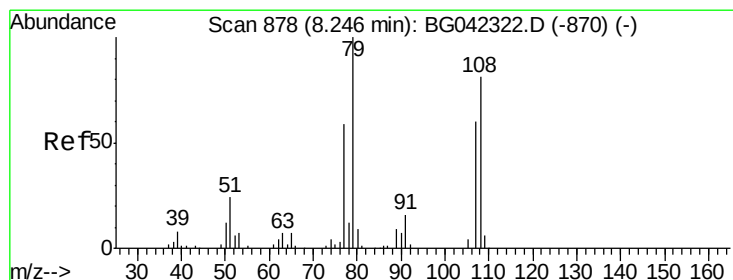
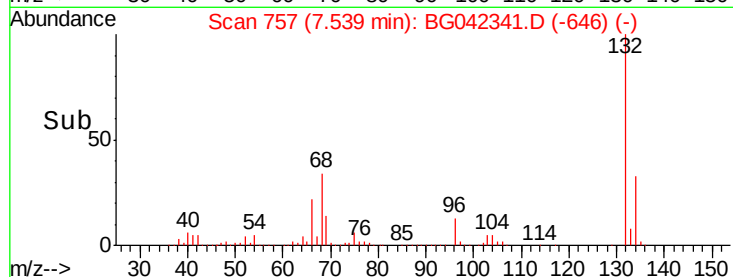
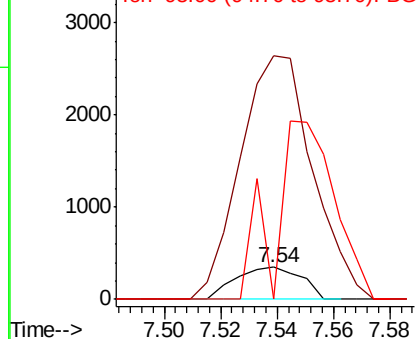
#11
bis(2-Chloroethyl)ether
Concen: 0.154 ng
RT: 7.54 min Scan# 757
Delta R.T. 0.12 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 562
Ion Ratio Lower Upper
93 100
63 762.7 53.0 93.0#
95 0.0 13.0 53.0#

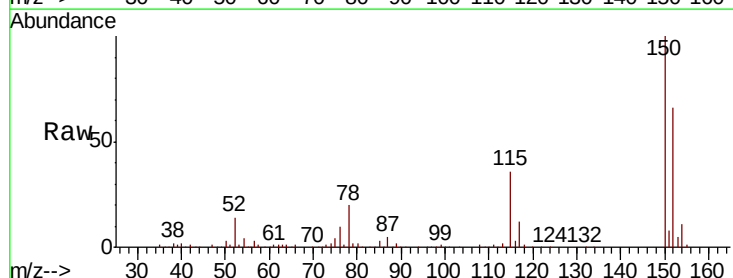


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

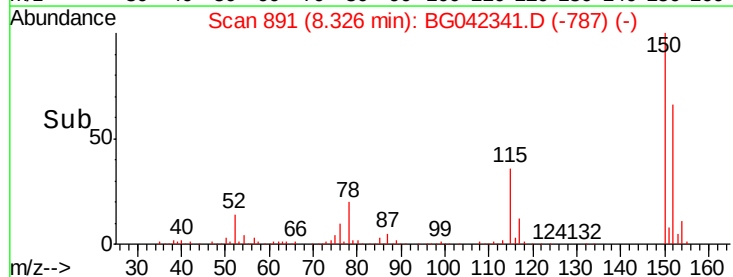
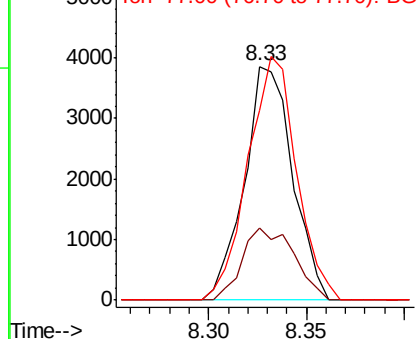


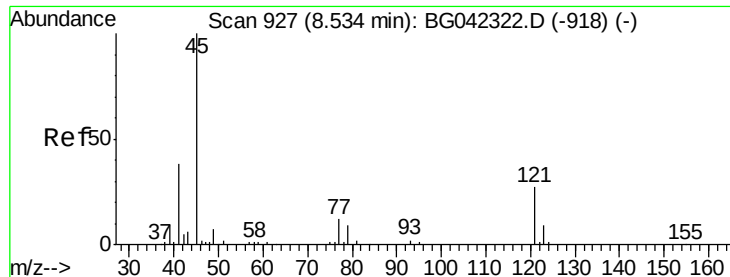
#15
Benzyl Alcohol
Concen: 2.115 ng
RT: 8.33 min Scan# 891
Delta R.T. 0.08 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Tgt Ion: 79 Resp: 6595
Ion Ratio Lower Upper
79 100
108 30.7 64.8 97.2#
77 81.3 47.6 71.4#



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

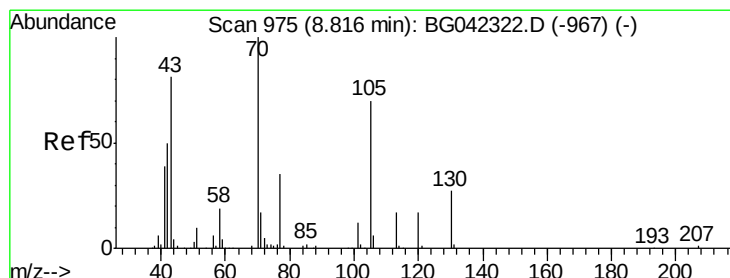
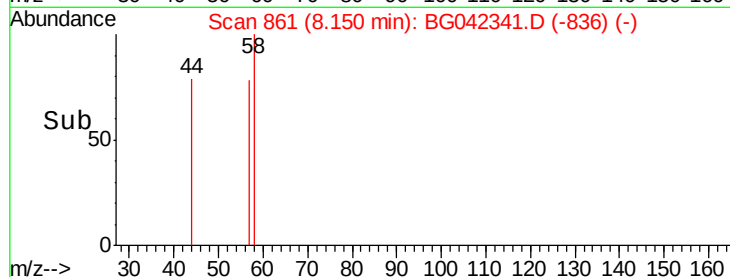
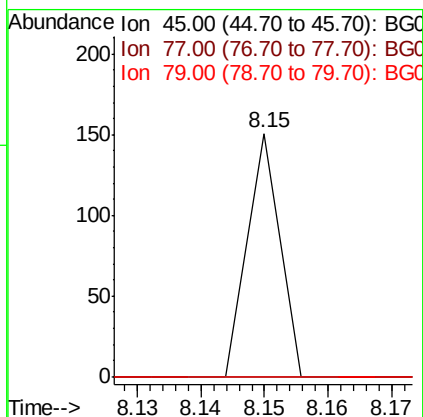
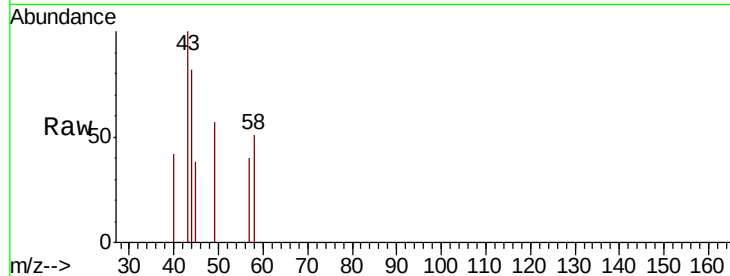




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.011 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.38 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

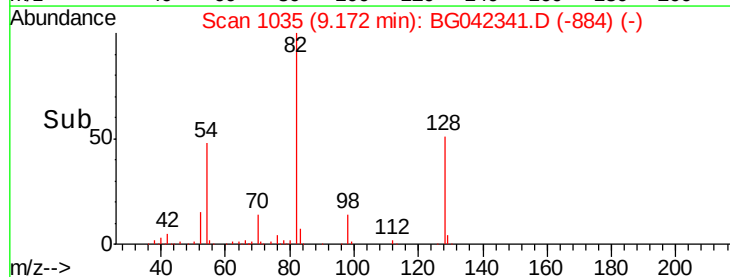
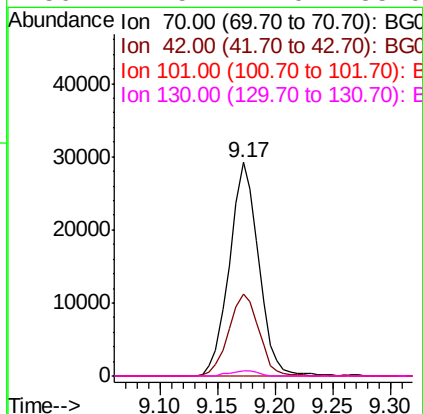
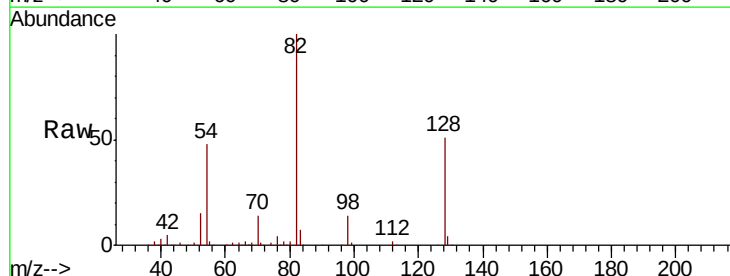
Instrument :
 BNA_G
 ClientSampleId :

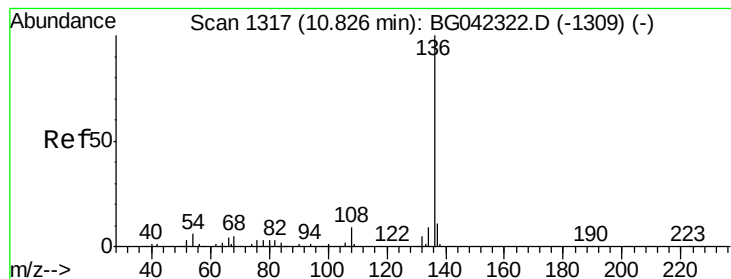
Tot Ion:	45	Resp:	53
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	34.6
79	0.0	0.0	31.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.591 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.36 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Tgt Ion:	70	Resp:	51288
Ion	Ratio	Lower	Upper
70	100		
42	38.5	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: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 263434

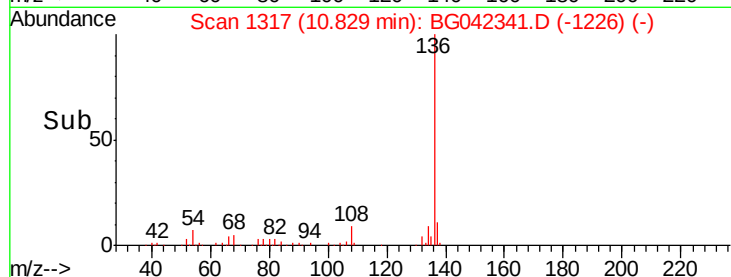
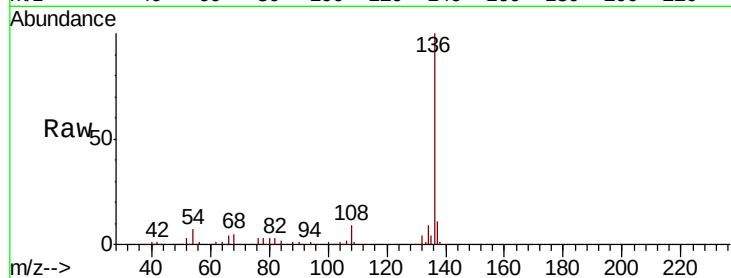
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 6.7 5.0 7.4

68 5.0 3.8 5.8



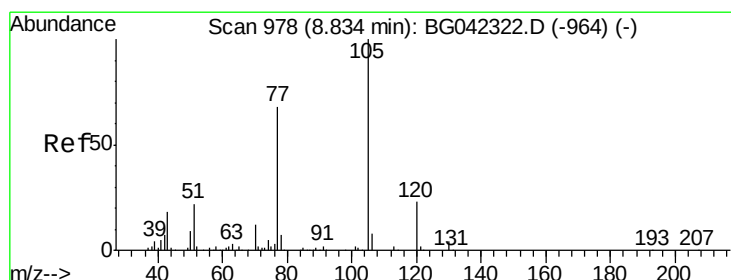
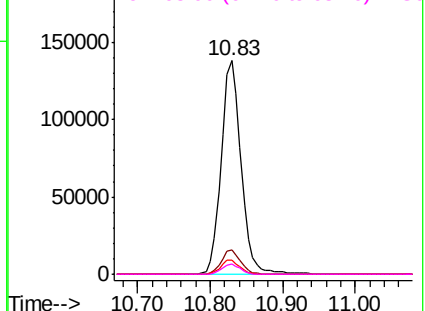
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.694 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Tgt Ion:105 Resp: 3883

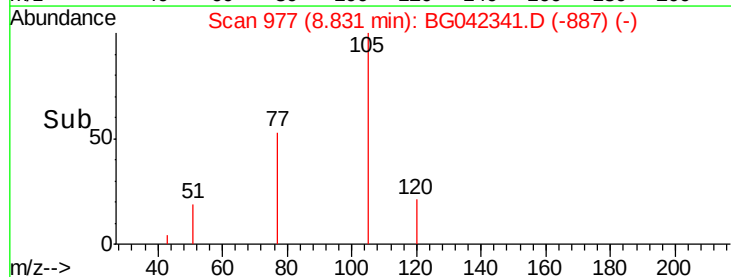
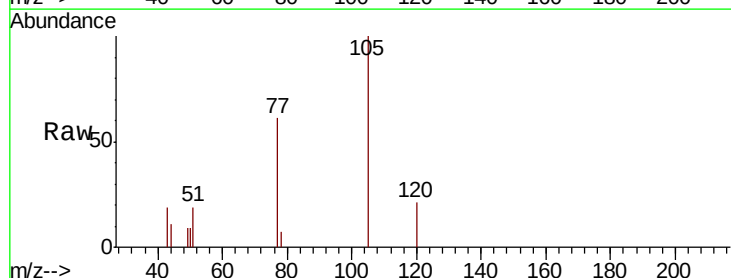
Ion Ratio Lower Upper

105 100

71 0.0 1.8 2.8#

51 19.5 17.5 26.3

120 20.8 18.4 27.6



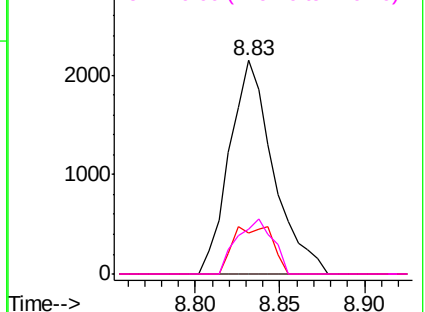
Abundance

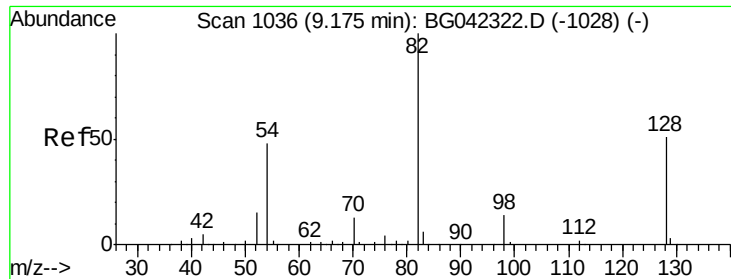
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

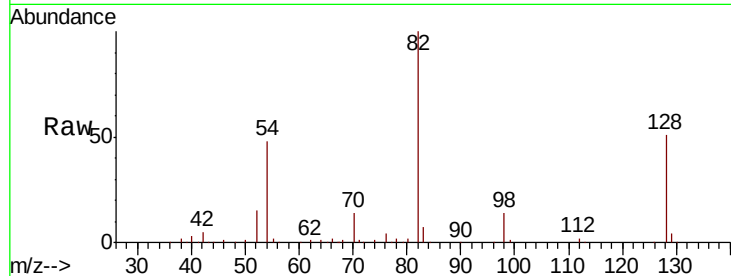




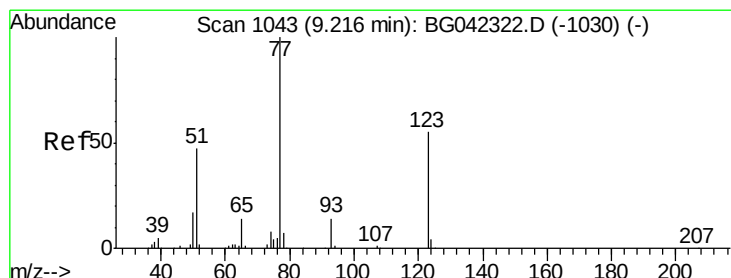
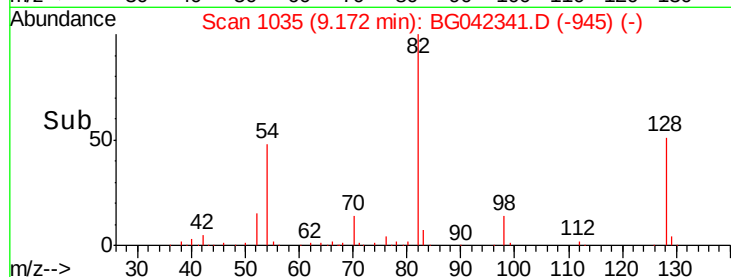
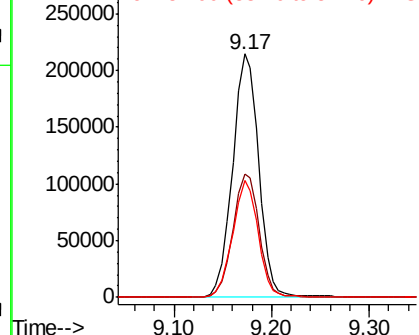
#23
 Nitrobenzene-d5
 Concen: 106.651 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	399464
Ion Ratio	100	Lower	Upper
128	50.9	41.0	61.4
54	48.0	38.0	57.0

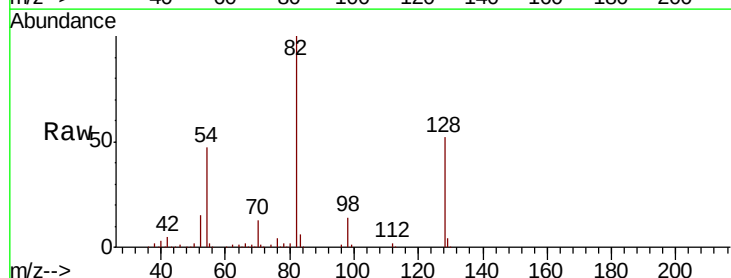


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

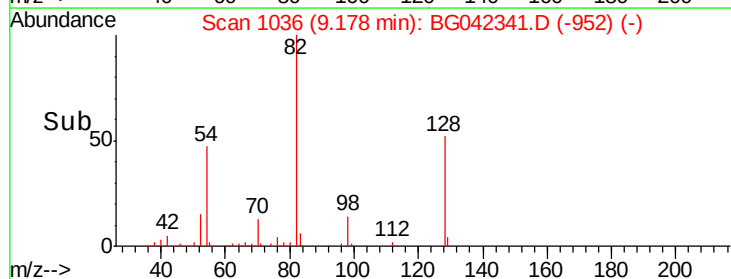
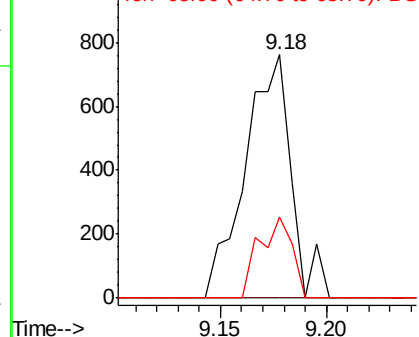


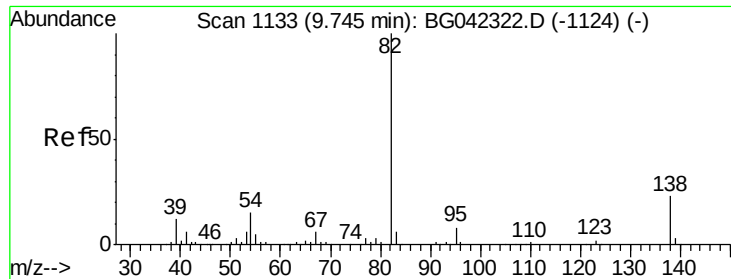
#24
 Nitrobenzene
 Concen: 0.302 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.04 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Tgt Ion	77	Resp	1153
Ion Ratio	100	Lower	Upper
123	0.0	43.7	65.5#
65	33.2	10.9	16.3#



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: 0.033 ng

RT: 9.49 min Scan# 1089

Delta R.T. -0.26 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

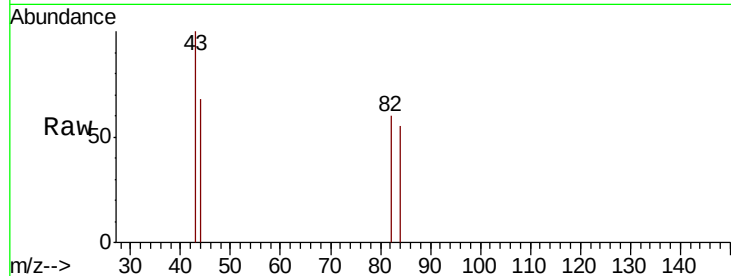
Tot Ion: 82 Resp: 244

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 18.2 27.2#

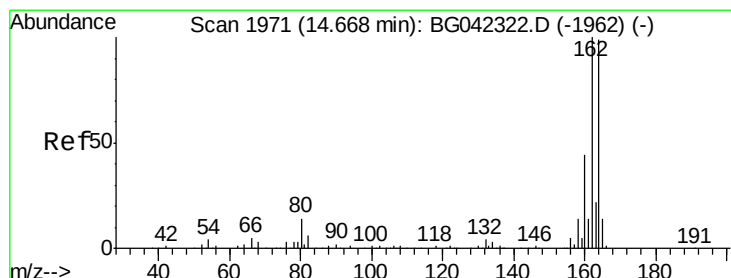
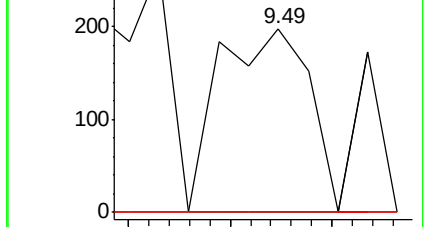
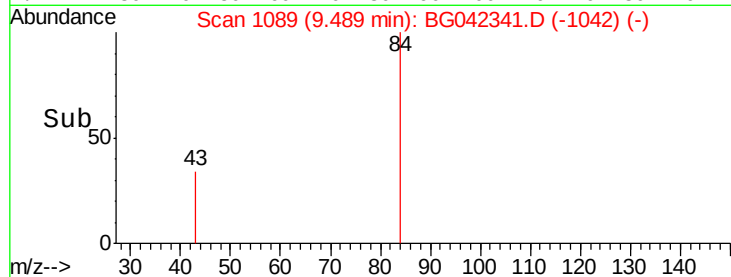


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

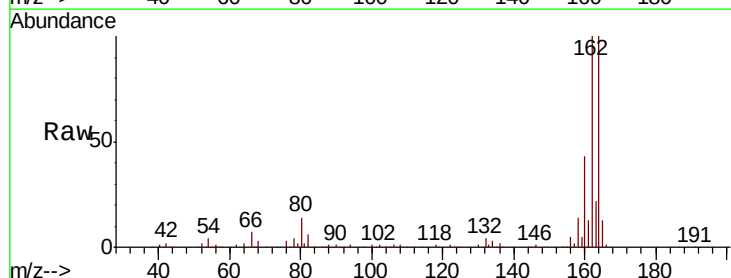
Tgt Ion:164 Resp: 195859

Ion Ratio Lower Upper

164 100

162 99.6 80.6 120.8

160 42.8 35.7 53.5

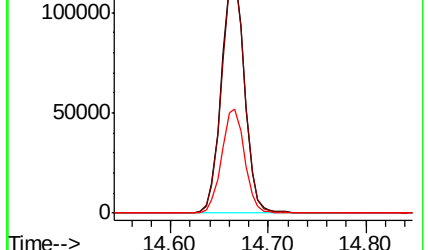
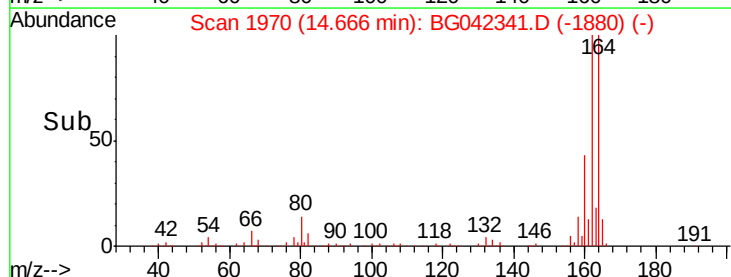


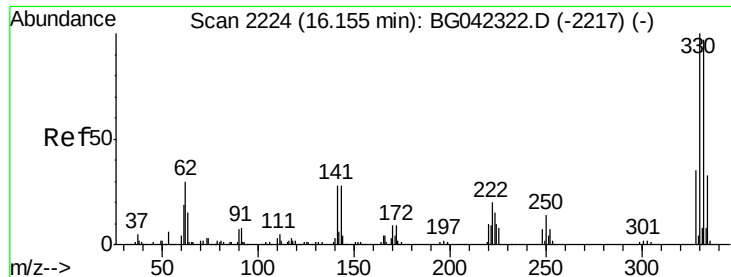
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->





#42

2,4,6-Tribromophenol

Concen: 149.961 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042341.D

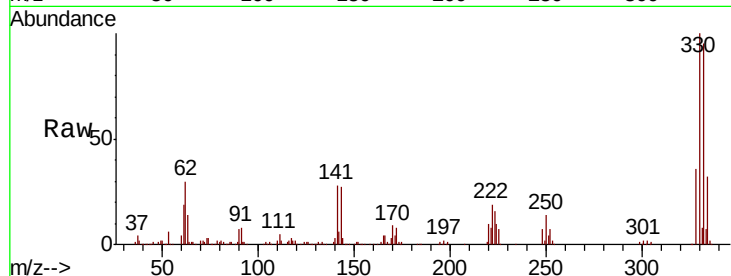
Acq: 20 Aug 2019 00:21

Instrument :

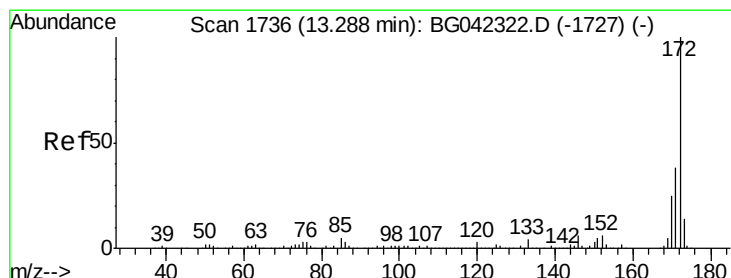
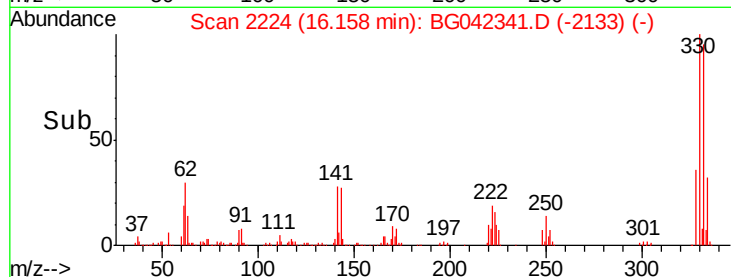
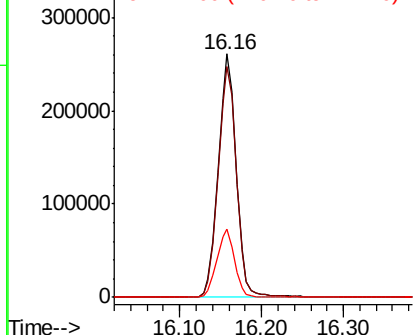
BNA_G

ClientSampleId :

Tot Ion:330	Resp:	400030
Ion Ratio	Lower	Upper
330	100	
332	97.0	76.9 115.3
141	28.0	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: 107.694 ng

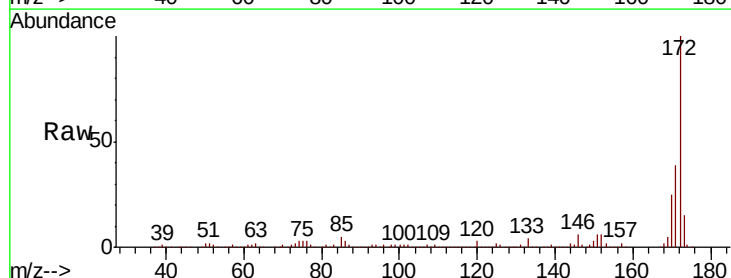
RT: 13.29 min Scan# 1735

Delta R.T. -0.00 min

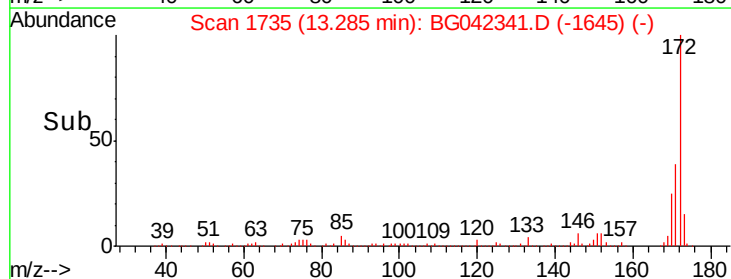
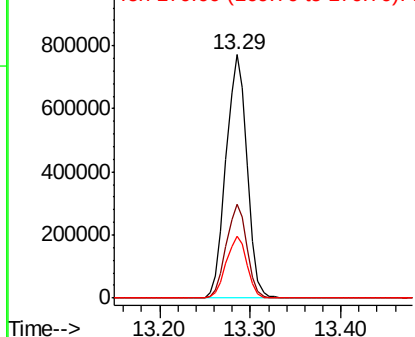
Lab File: BG042341.D

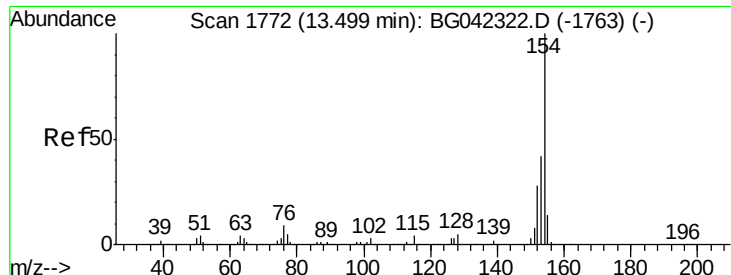
Acq: 20 Aug 2019 00:21

Tgt Ion:172	Resp:	1246502
Ion Ratio	Lower	Upper
172	100	
171	38.6	30.3 45.5
170	25.3	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

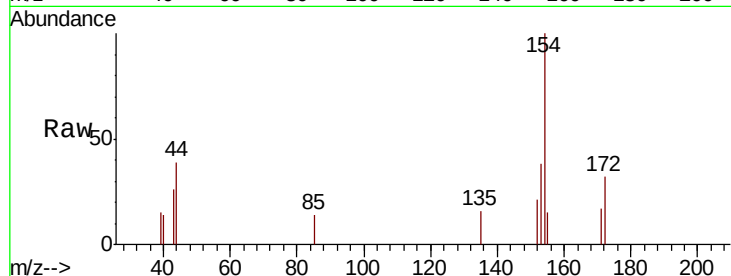




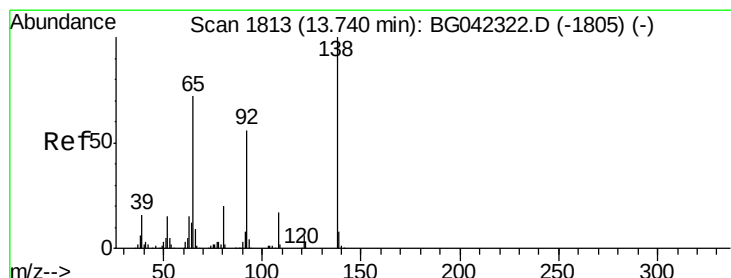
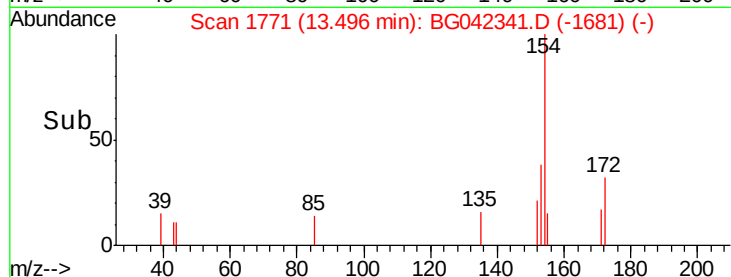
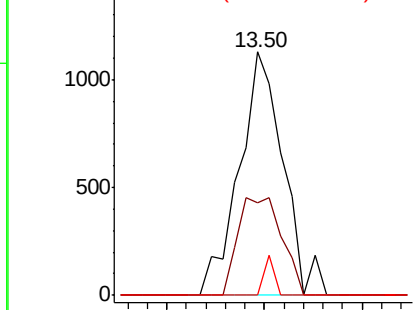
#46
 1,1'-Biphenyl
 Concen: 0.137 ng
 RT: 13.50 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.8	21.9	61.9
76	0.0	0.0	29.3

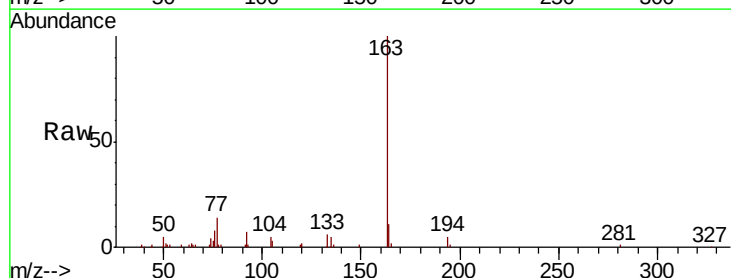


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

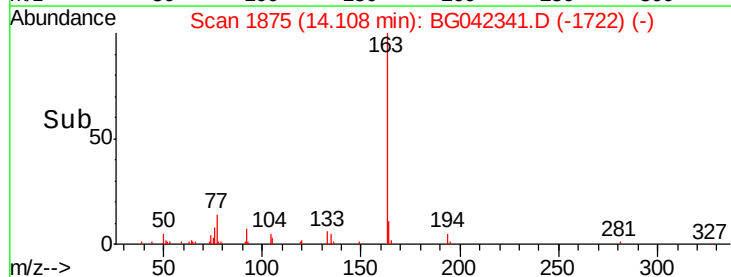
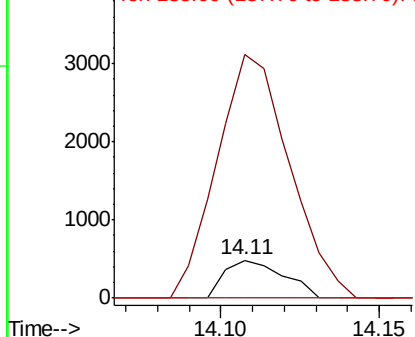


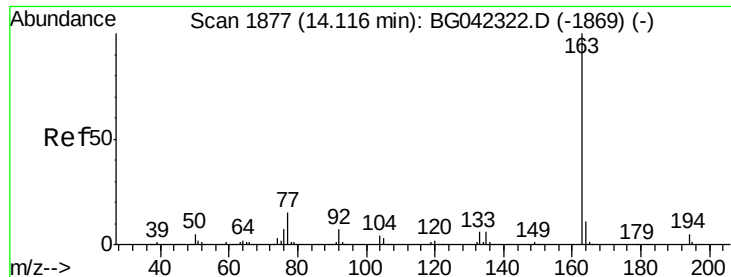
#48
 2-Nitroaniline
 Concen: 0.243 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. 0.37 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	648.0	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: 5.385 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

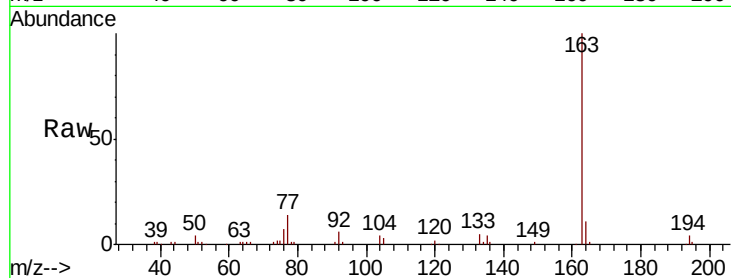
Tot Ion:163 Resp: 74942

Ion Ratio Lower Upper

163 100

194 4.4 4.2 6.2

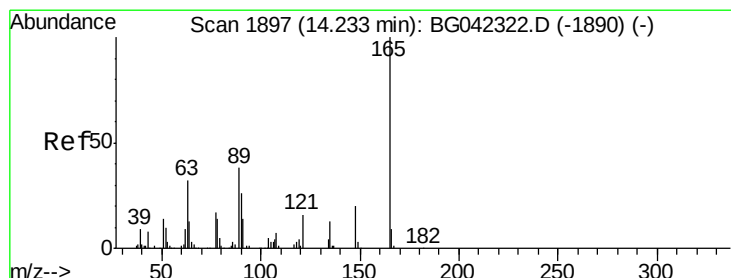
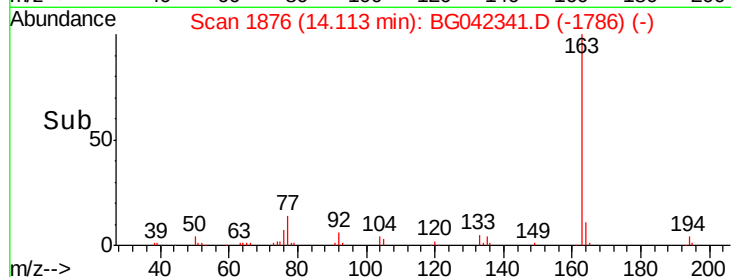
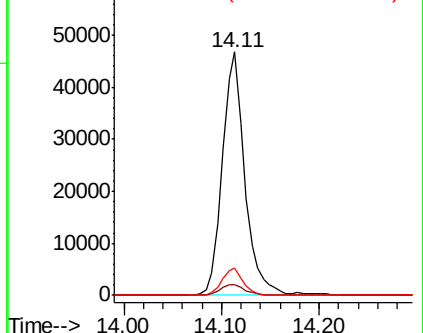
164 11.0 8.8 13.2



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: 0.272 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.13 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

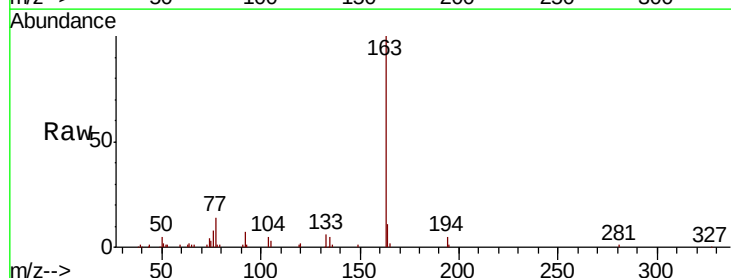
Tgt Ion:165 Resp: 887

Ion Ratio Lower Upper

165 100

63 70.7 28.2 42.2#

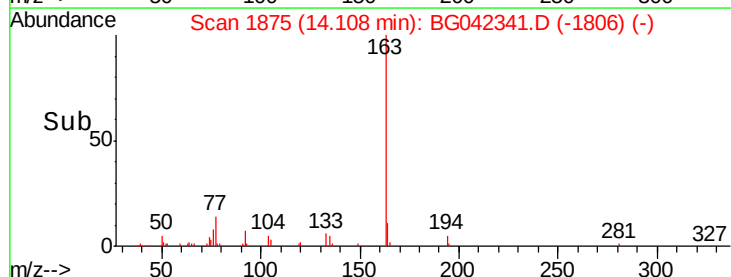
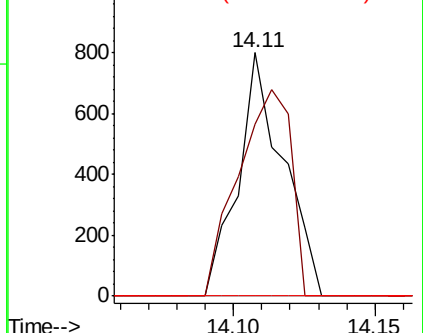
89 0.0 30.0 45.0#

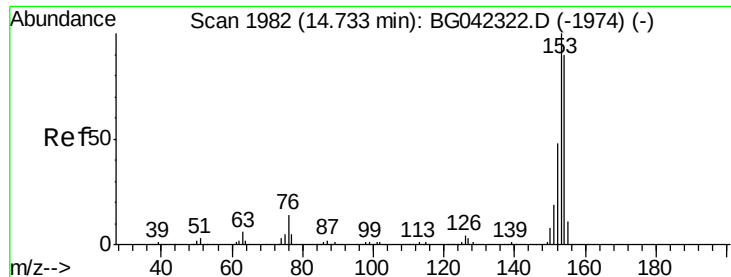


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.058 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.07 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

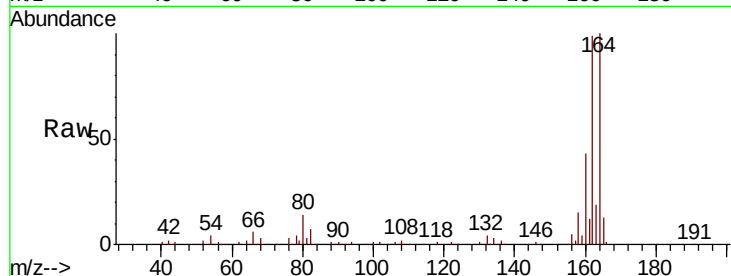
Tot Ion:154 Resp: 578

Ion Ratio Lower Upper

154 100

153 0.0 89.4 134.0#

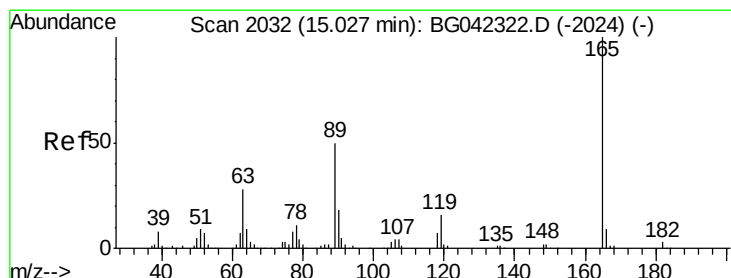
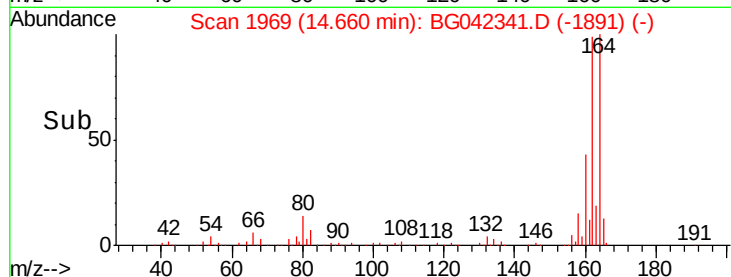
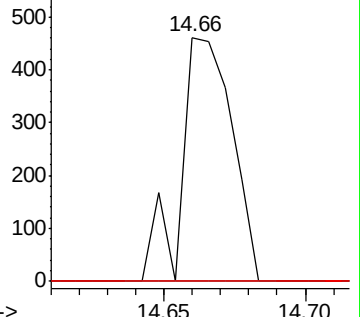
152 0.0 43.1 64.7#



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: 5.594 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.36 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Tgt Ion:165 Resp: 25473

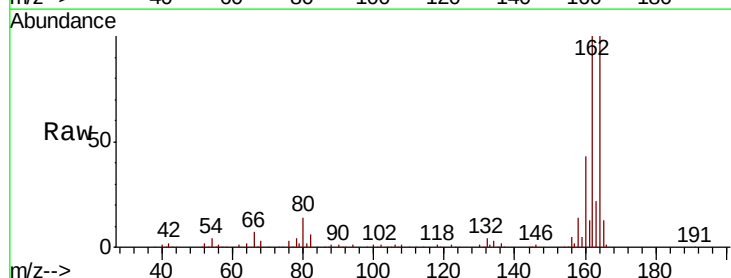
Ion Ratio Lower Upper

165 100

63 0.0 22.4 33.6#

89 0.0 40.2 60.2#

182 0.0 2.6 3.8#

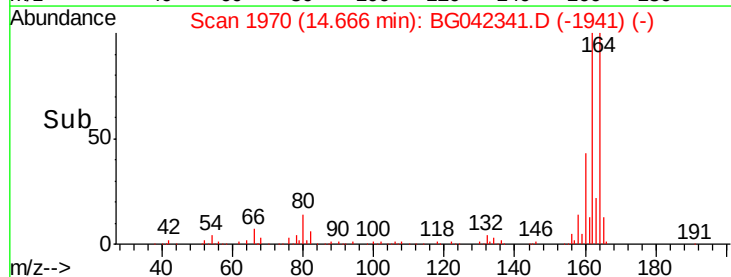
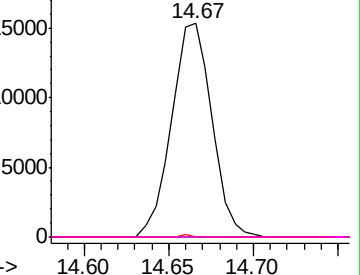


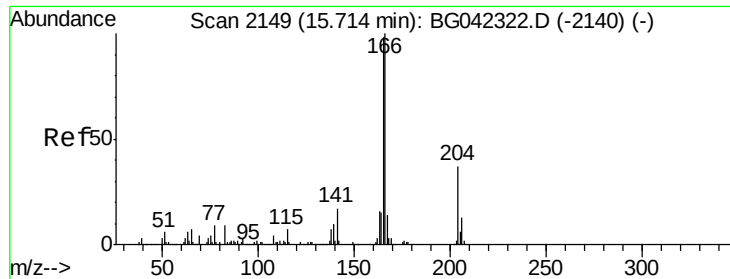
Abundance Ion 165.00 (164.70 to 165.70): E

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

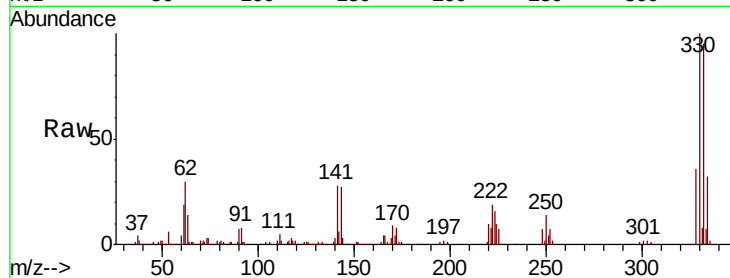




#58
 Fluorene
 Concen: 1.150 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.44 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.7	118.1
167	32.7	11.1	16.7#

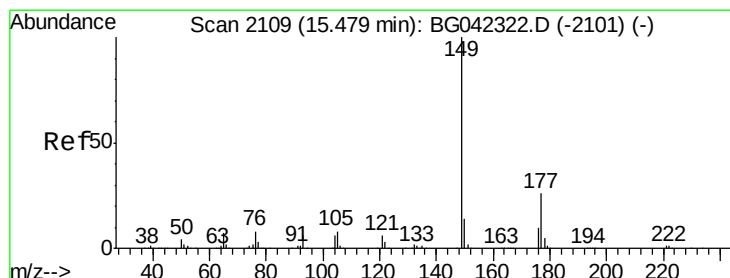
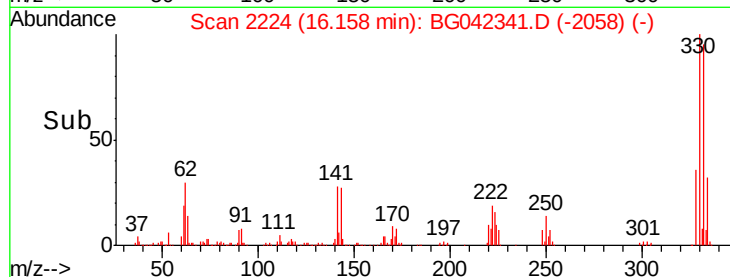
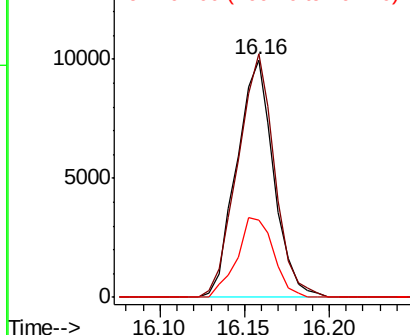


Abundance

Ion 166.00 (165.70 to 166.70): E

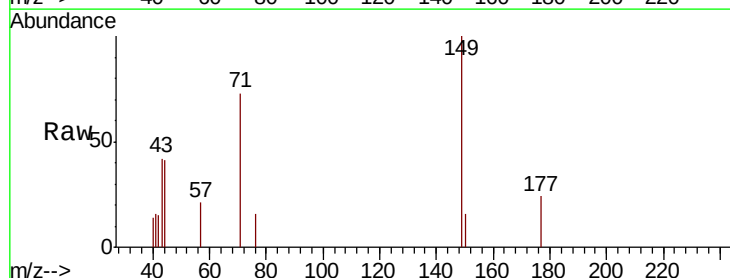
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60
 Diethylphthalate
 Concen: 0.118 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	20.7	31.1
150	16.3	11.0	16.4

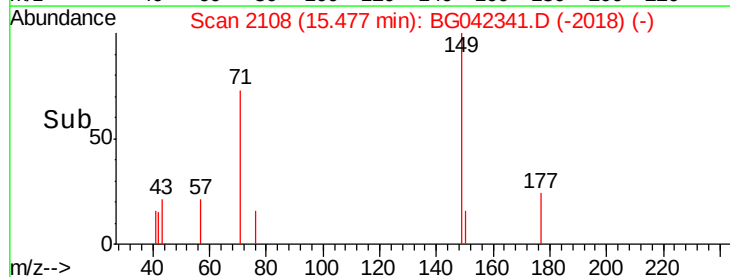
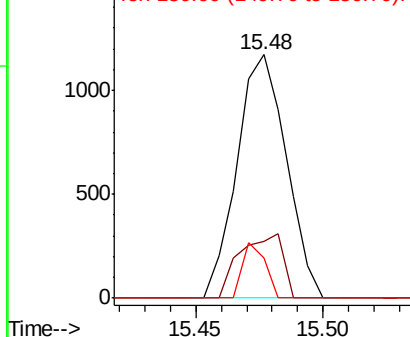


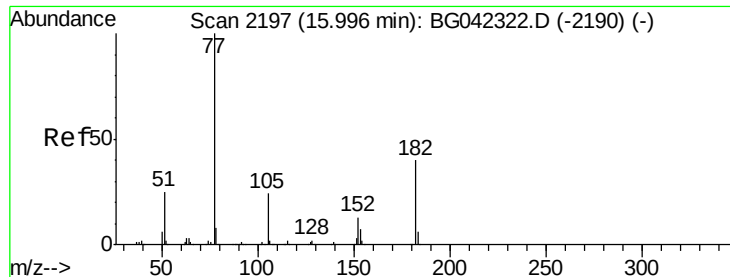
Abundance

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

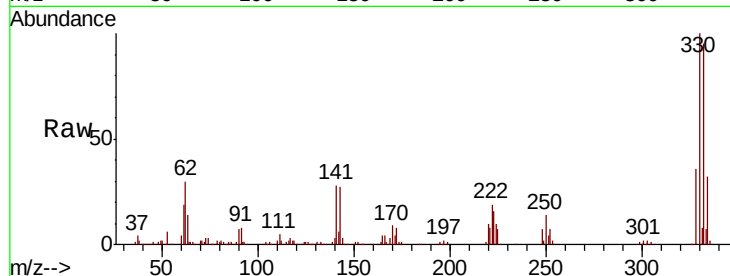




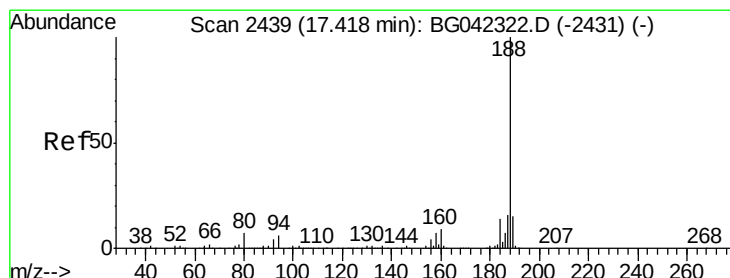
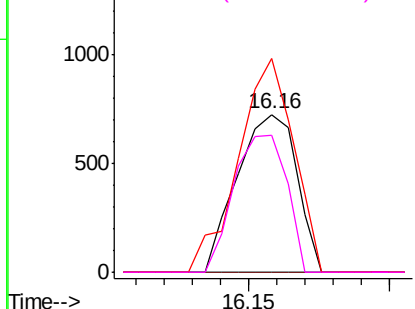
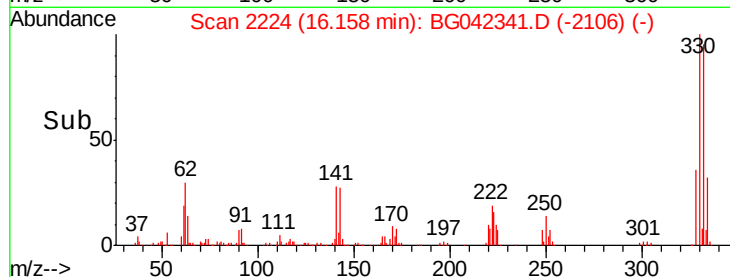
#63
Azobenzene
Concen: 0.114 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.16 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 1066
Ion Ratio Lower Upper
77 100
182 21.1 19.7 59.7
105 135.2 3.5 43.5#
51 86.9 5.4 45.4#

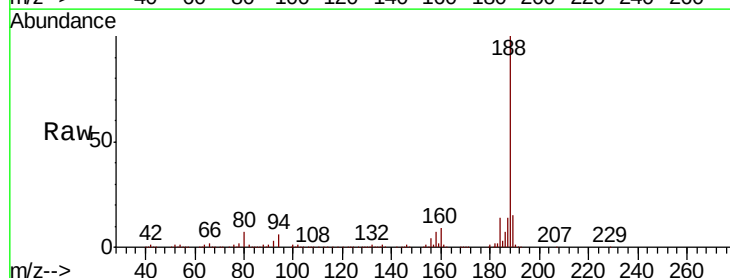


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

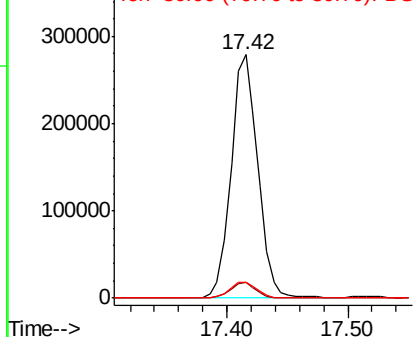
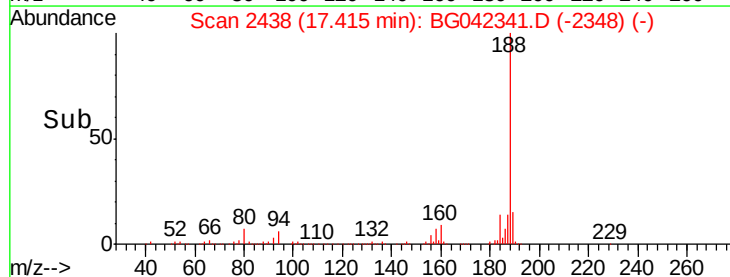


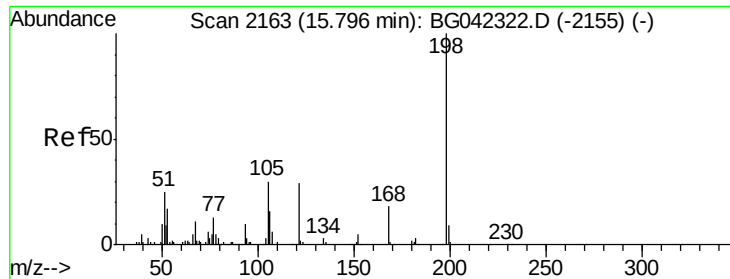
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Tgt Ion: 188 Resp: 428694
Ion Ratio Lower Upper
188 100
94 6.3 4.9 7.3
80 6.7 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 0.341 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.36 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

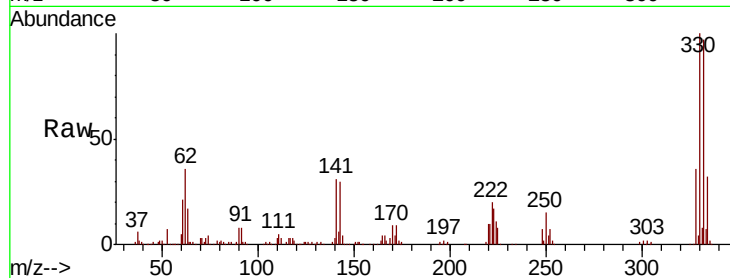
Tot Ion:198 Resp: 891

Ion Ratio Lower Upper

198 100

51 98.6 6.4 46.4#

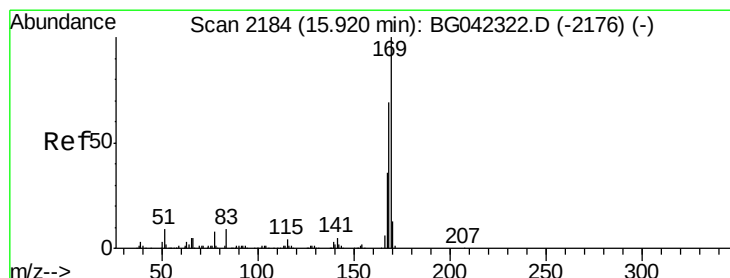
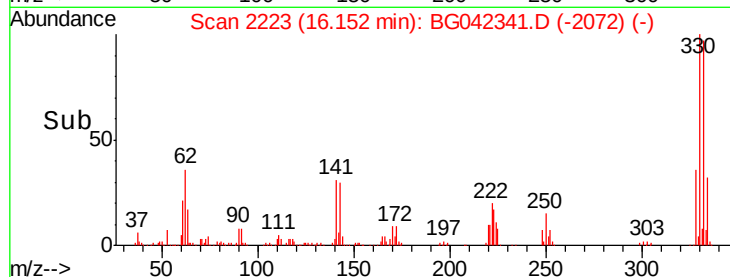
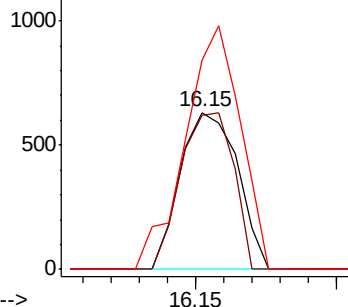
105 133.3 10.0 50.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 1.014 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.24 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

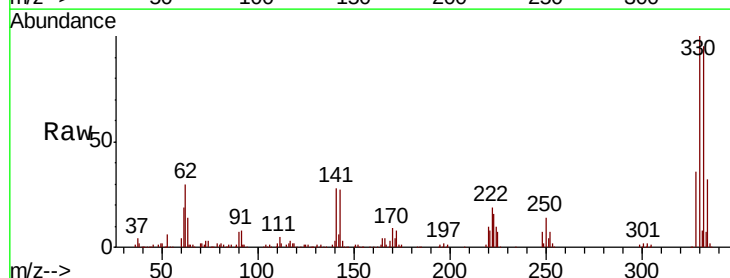
Tgt Ion:169 Resp: 12160

Ion Ratio Lower Upper

169 100

168 8.0 55.5 83.3#

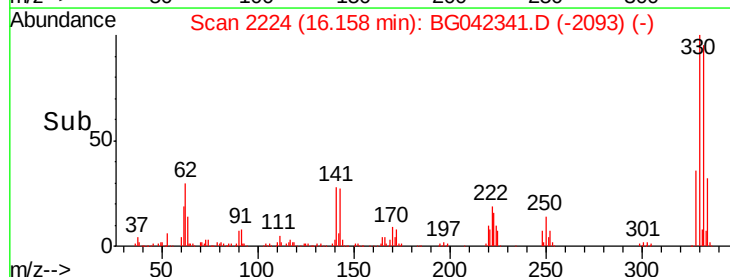
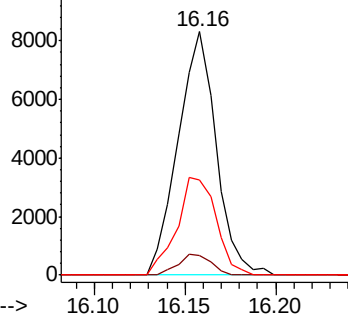
167 39.2 28.9 43.3

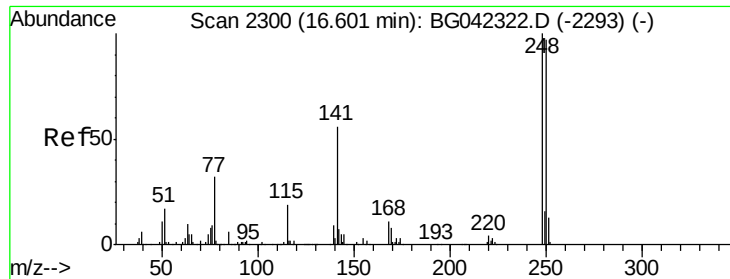


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

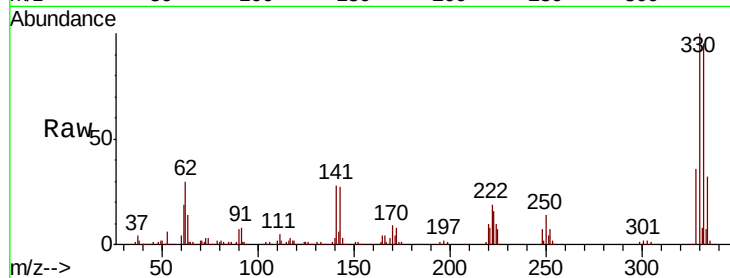




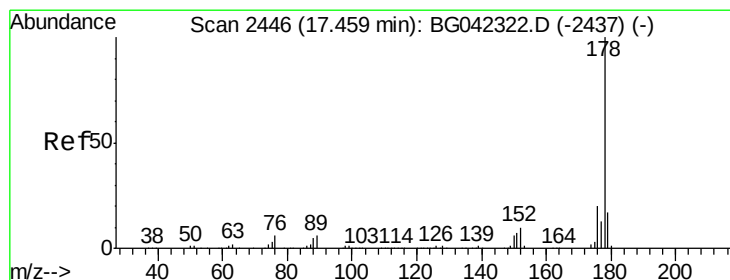
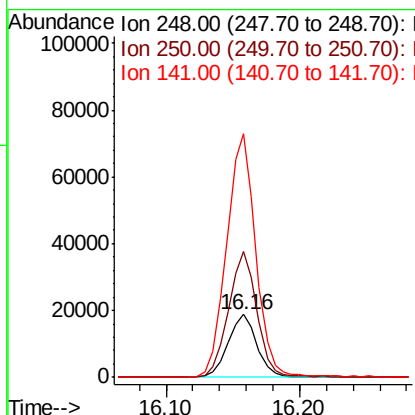
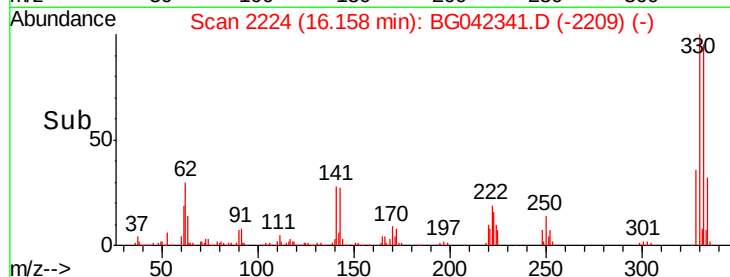
#67
 4-Bromophenyl-phenylether
 Concen: 5.219 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.44 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 28470
 Ion Ratio Lower Upper
 248 100
 250 201.4 78.0 117.0#
 141 389.1 44.9 67.3#

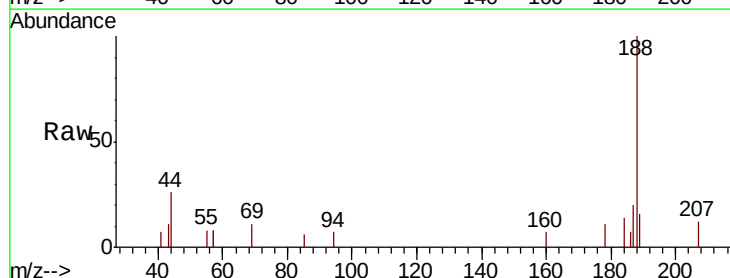


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

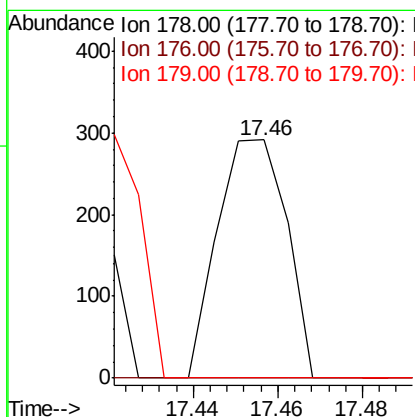
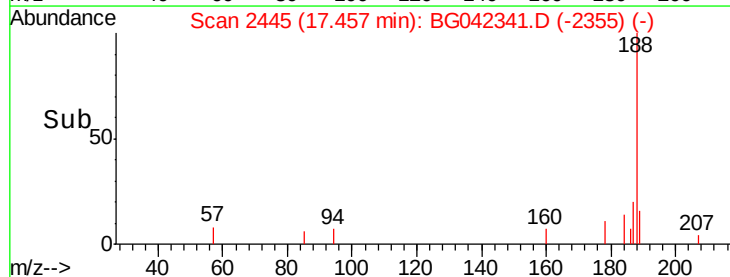


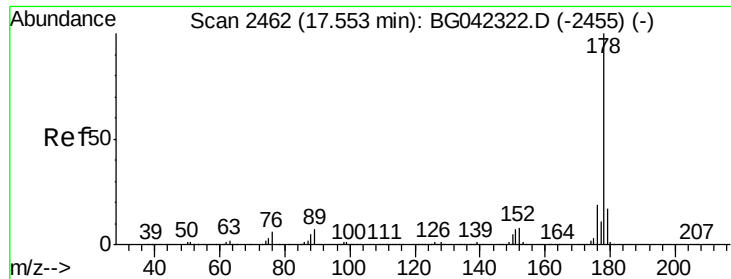
#71
 Phenanthrene
 Concen: 0.016 ng
 RT: 17.46 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Tgt Ion:178 Resp: 331
 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: 0.016 ng

RT: 17.46 min Scan# 2445

Delta R.T. -0.10 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

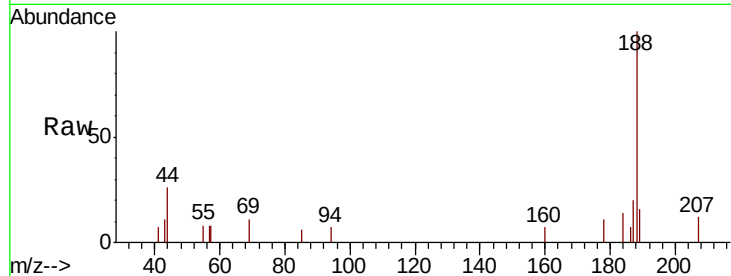
Tot Ion:178 Resp: 331

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

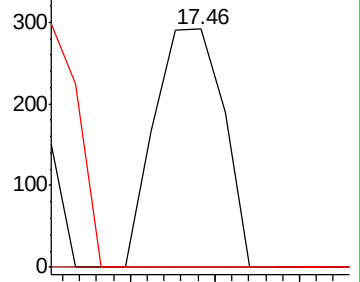
179 0.0 13.6 20.4#



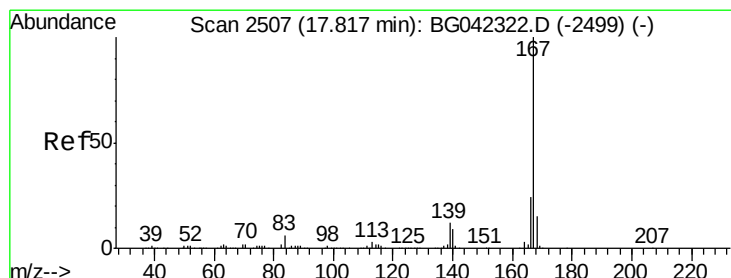
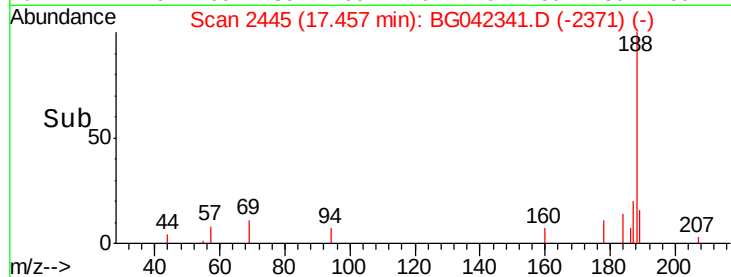
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 0.006 ng

RT: 17.70 min Scan# 2486

Delta R.T. -0.12 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

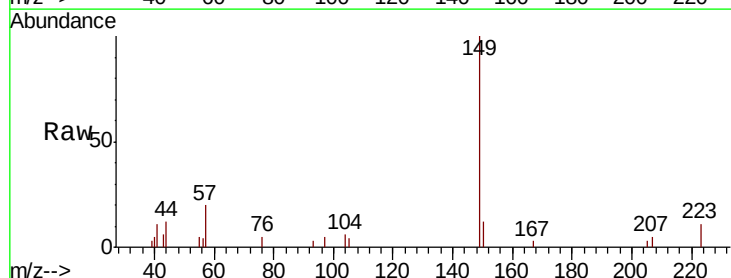
Tgt Ion:167 Resp: 113

Ion Ratio Lower Upper

167 100

166 0.0 19.0 28.6#

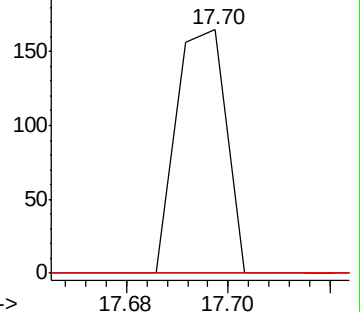
139 0.0 9.7 14.5#



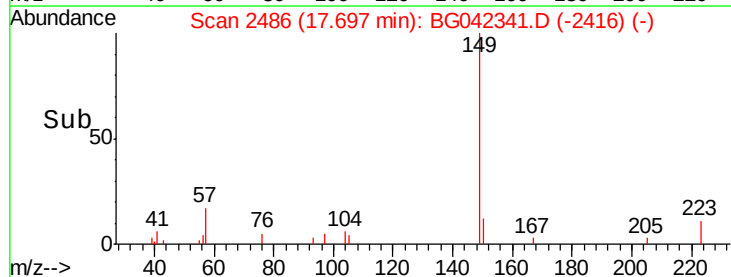
Abundance Ion 167.00 (166.70 to 167.70): E

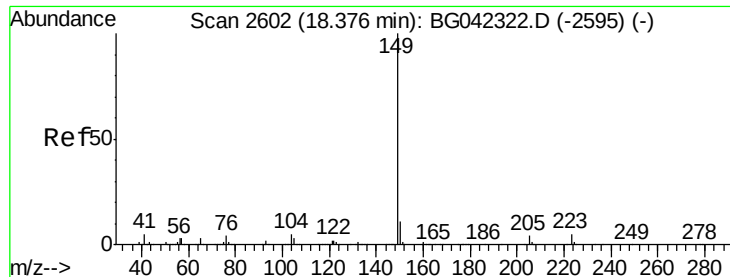
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

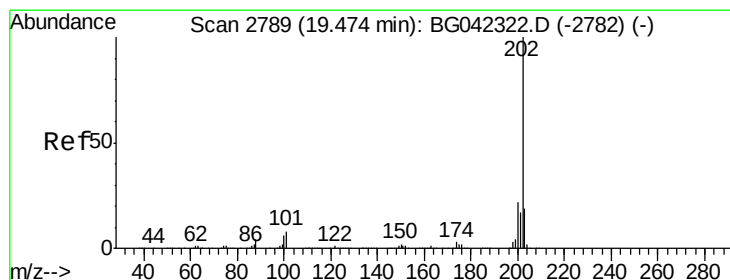
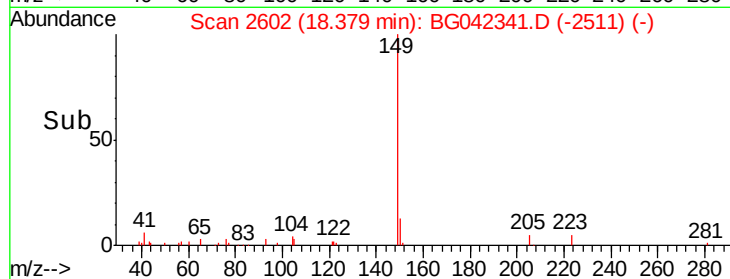
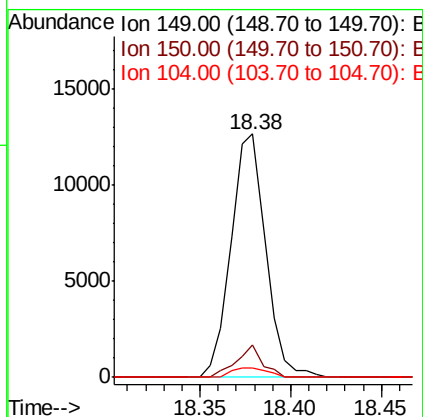
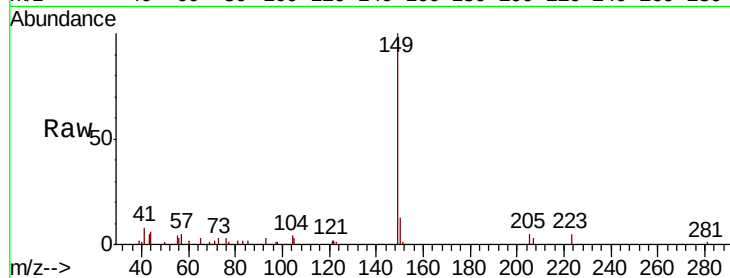




#74
Di-n-butylphthalate
Concen: 0.763 ng
RT: 18.38 min Scan# 2602
Delta R.T. 0.00 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

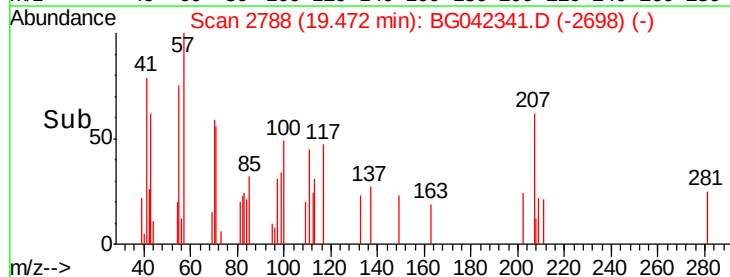
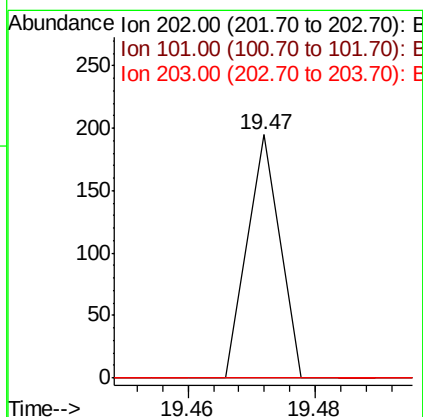
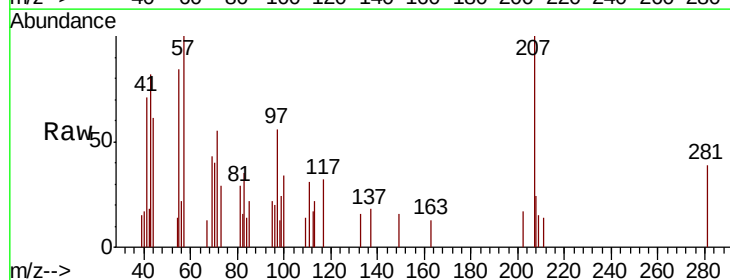
Instrument :
BNA_G
ClientSampleId :

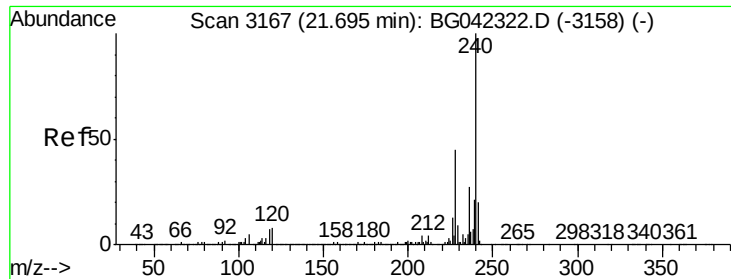
Tot Ion:149 Resp: 16841
Ion Ratio Lower Upper
149 100
150 13.2 8.4 12.6#
104 3.9 3.7 5.5



#75
Fluoranthene
Concen: 0.003 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Tgt Ion:202 Resp: 69
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.0
203 0.0 0.0 39.1

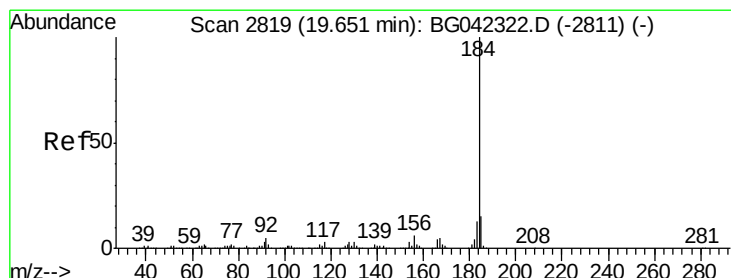
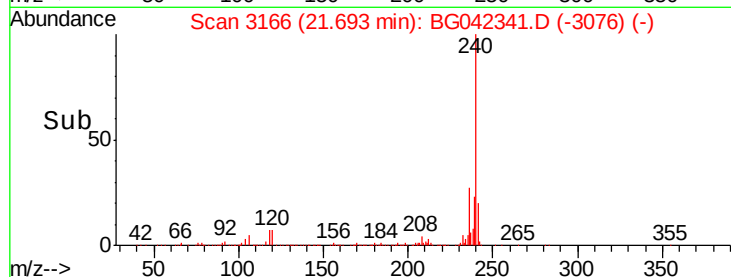
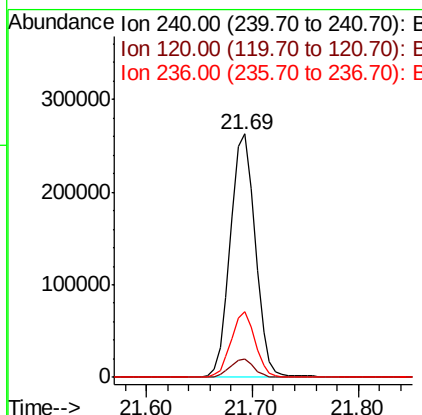
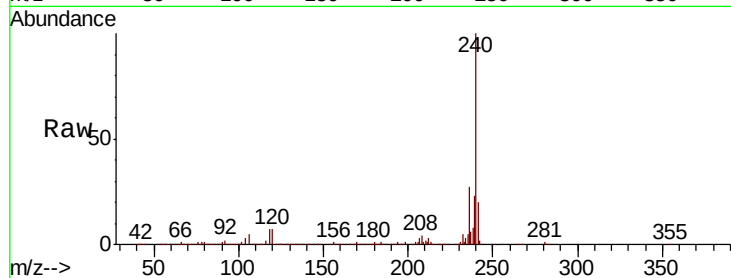




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

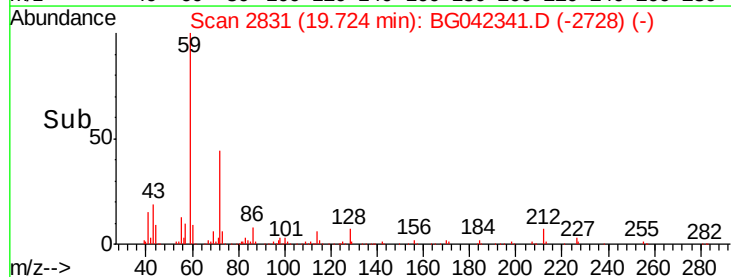
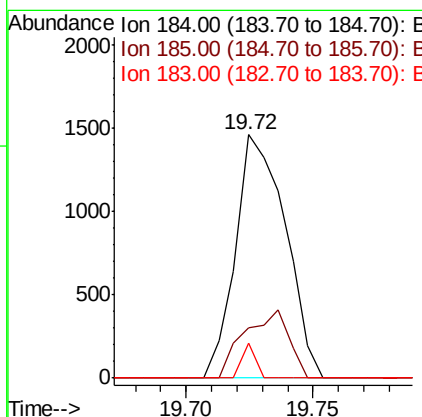
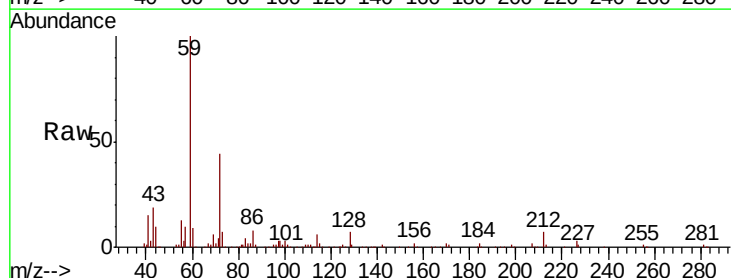
Instrument :
BNA_G
ClientSampleId :

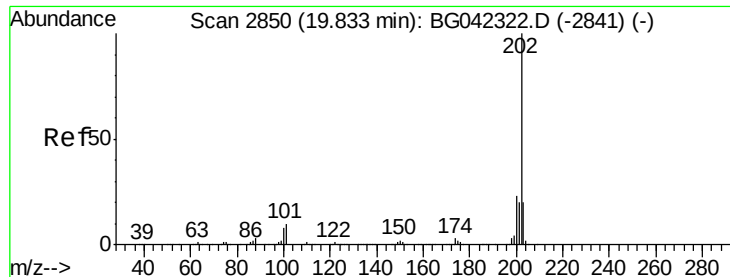
Tot Ion:240 Resp: 430411
Ion Ratio Lower Upper
240 100
120 7.4 6.0 9.0
236 26.9 21.6 32.4



#77
Benzidine
Concen: 0.175 ng
RT: 19.72 min Scan# 2831
Delta R.T. 0.07 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Tgt Ion:184 Resp: 1996
Ion Ratio Lower Upper
184 100
185 20.5 11.8 17.6#
183 14.5 10.6 15.8





#78

Pvrene

Concen: 0.251 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.20 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

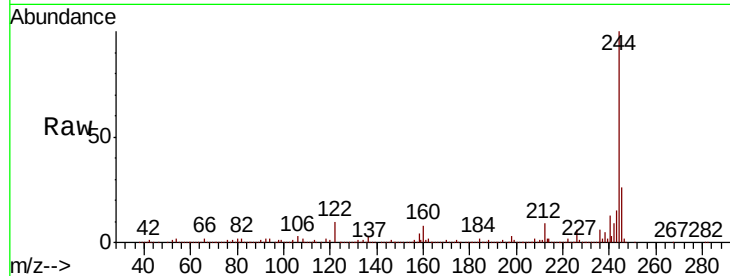
Tot Ion:202 Resp: 6655

Ion Ratio Lower Upper

202 100

200 52.1 18.1 27.1#

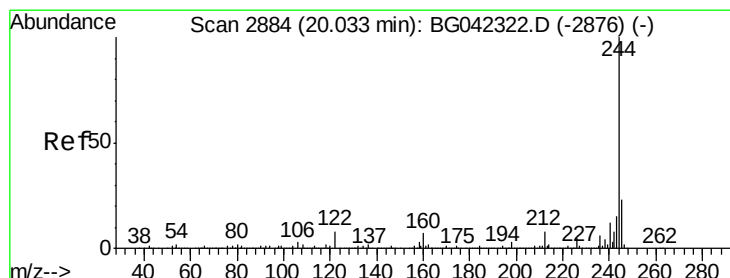
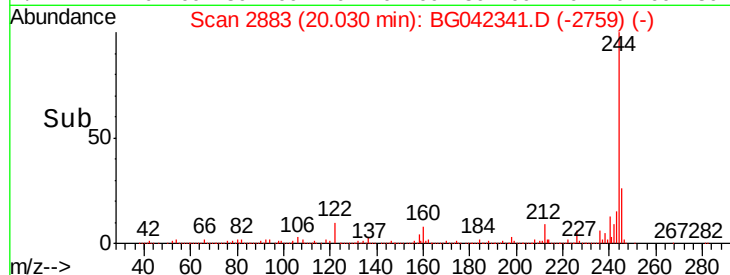
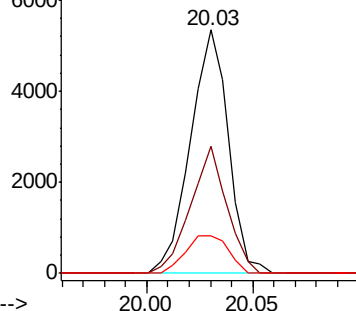
203 15.6 15.8 23.8#



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: 96.904 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

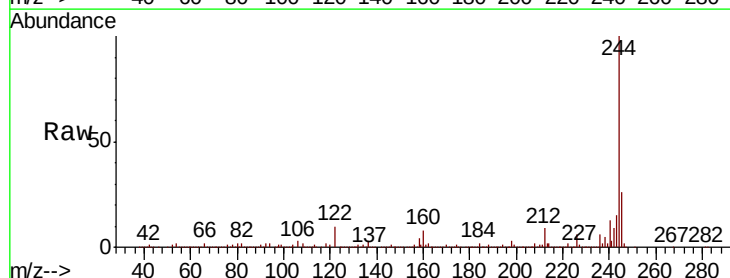
Tgt Ion:244 Resp: 1904251

Ion Ratio Lower Upper

244 100

212 8.9 6.4 9.6

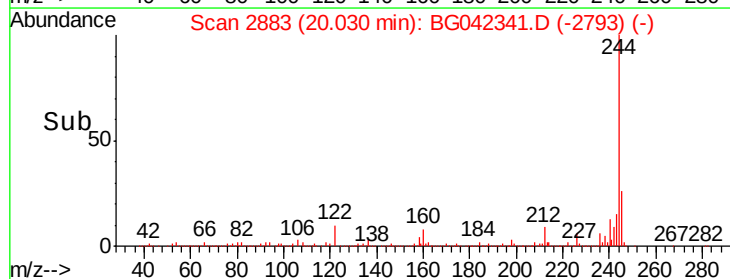
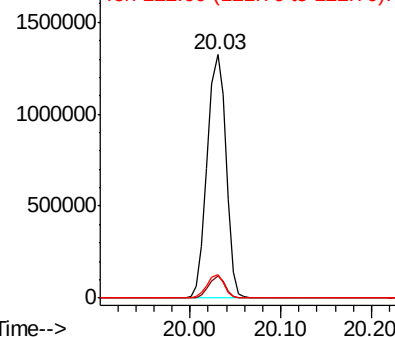
122 9.6 6.6 10.0

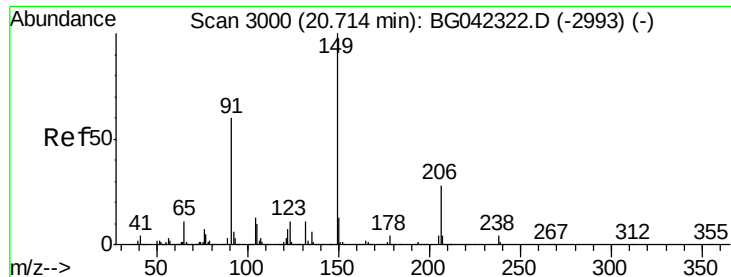


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

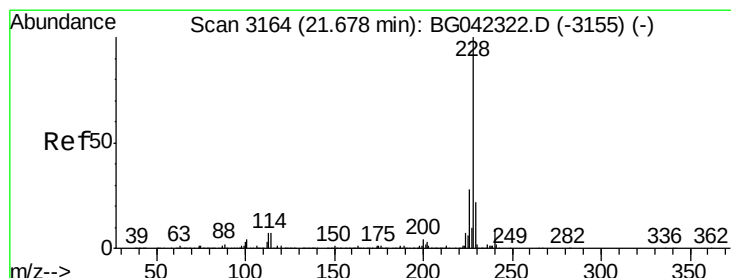
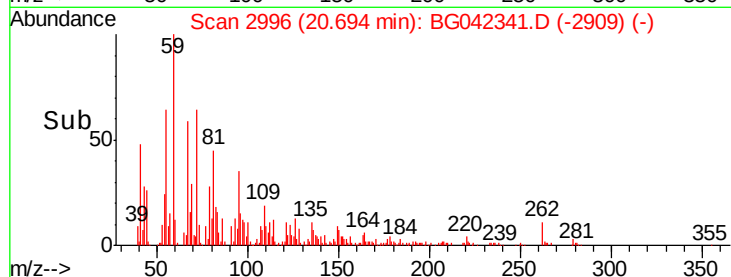
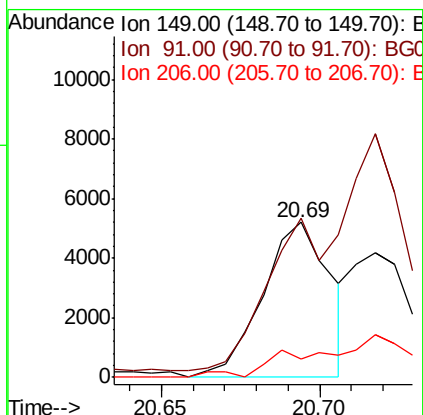
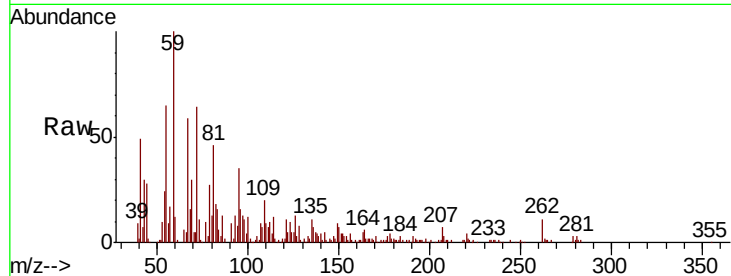




#80
Butylbenzylphthalate
Concen: 0.733 ng
RT: 20.69 min Scan# 2996
Delta R.T. -0.02 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

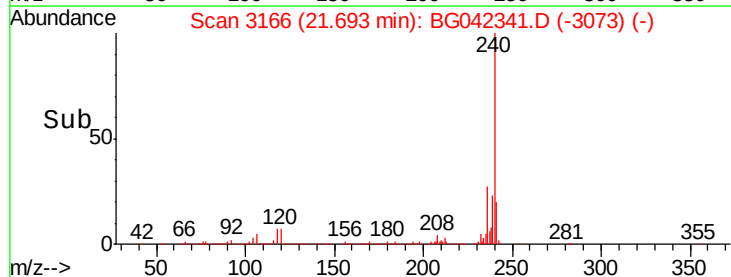
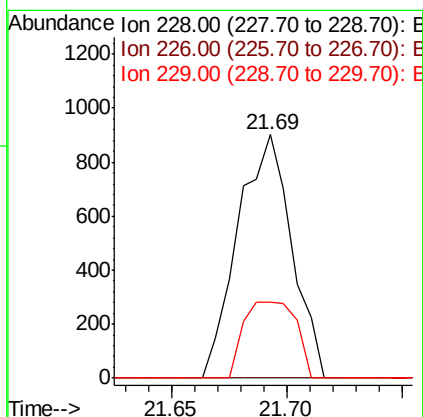
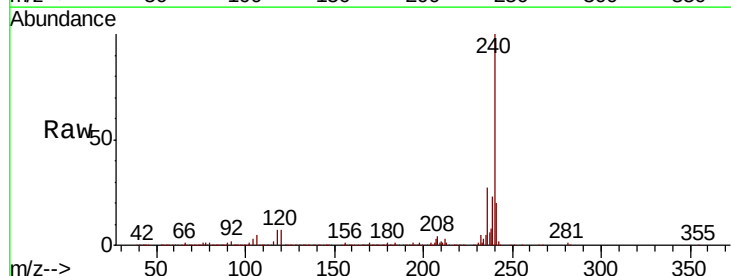
Instrument :
BNA_G
ClientSampleId :

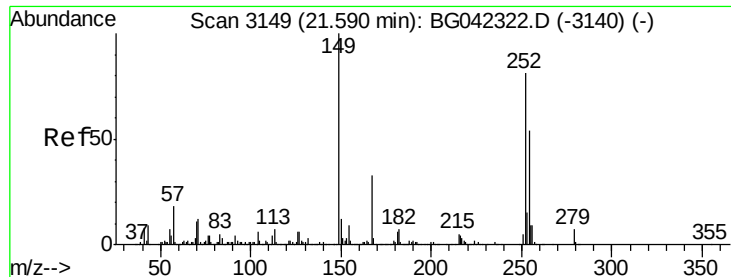
Tot Ion	Ratio	Lower	Upper
149	100		
91	102.8	47.8	71.6#
206	12.0	22.6	33.8#



#81
Benzo(a)anthracene
Concen: 0.055 ng
RT: 21.69 min Scan# 3166
Delta R.T. 0.02 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	31.3	17.4	26.2#

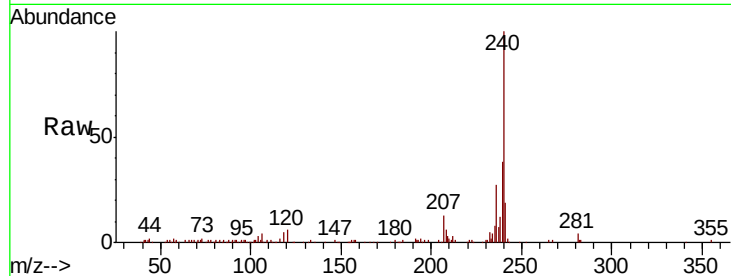




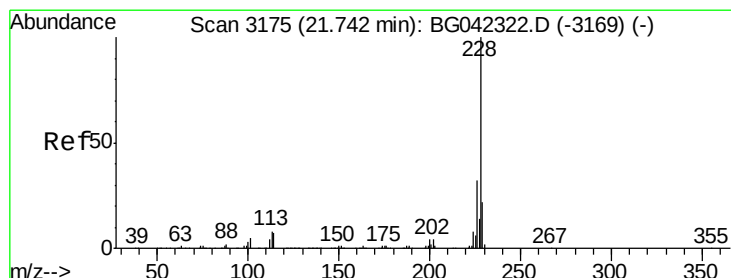
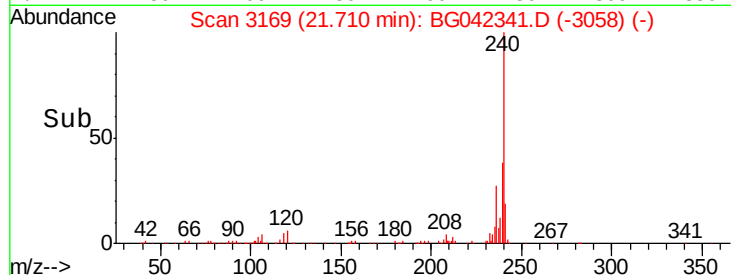
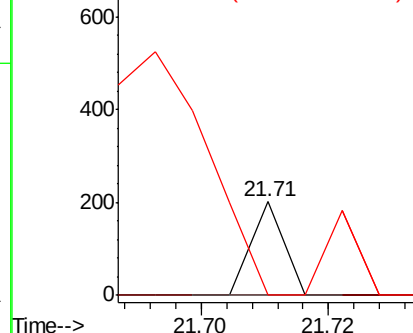
#82
 3,3'-Dichlorobenzidine
 Concen: 0.007 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. 0.12 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 71
 Ion Ratio Lower Upper
 252 100
 254 0.0 53.0 79.6#
 126 0.0 6.2 9.2#

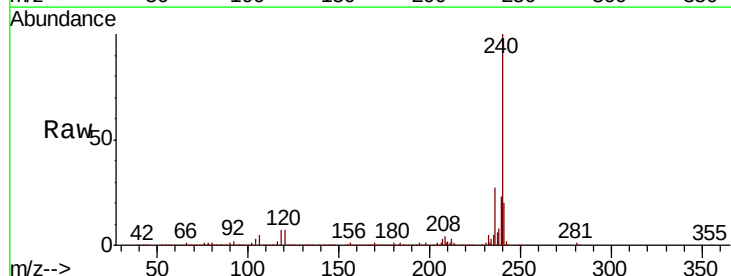


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

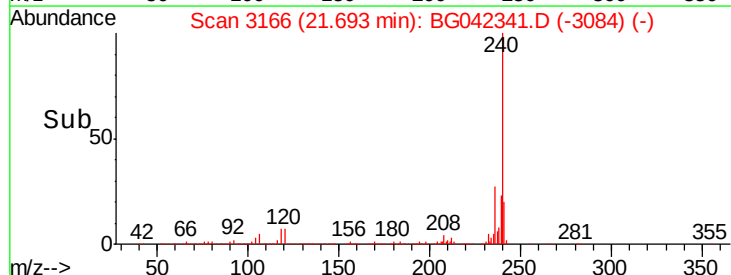
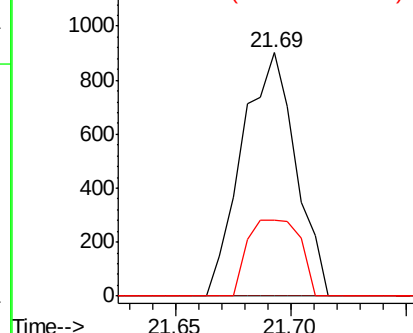


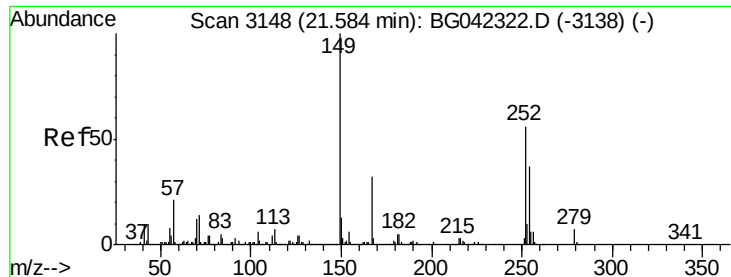
#83
 Chrysene
 Concen: 0.058 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.05 min
 Lab File: BG042341.D
 Acq: 20 Aug 2019 00:21

Tgt Ion:228 Resp: 1461
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.6 38.4#
 229 31.3 17.8 26.6#



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.186 ng

RT: 21.58 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

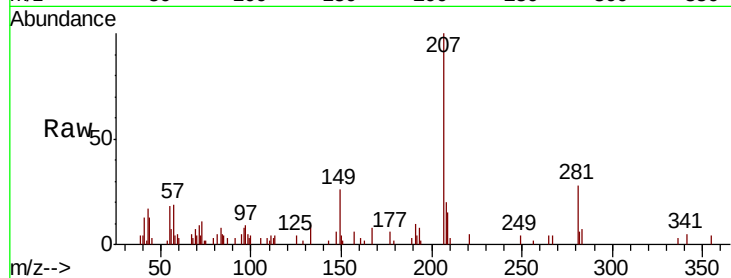
Tot Ion:149 Resp: 2726

Ion Ratio Lower Upper

149 100

167 31.7 25.4 38.0

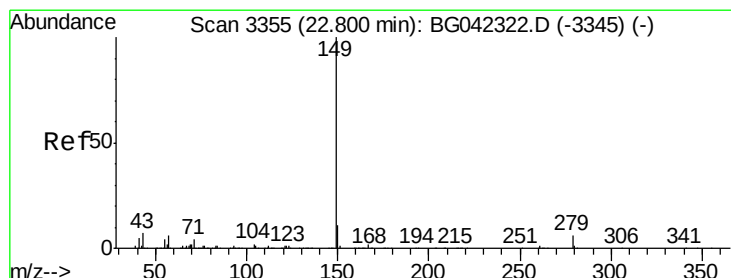
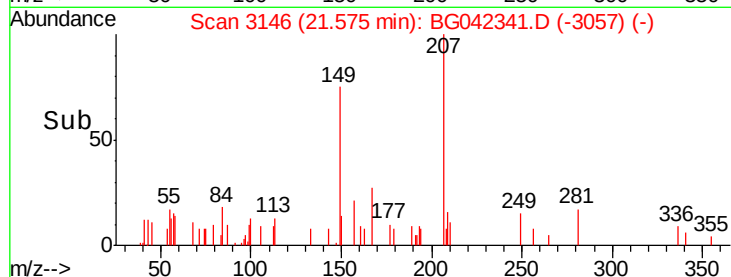
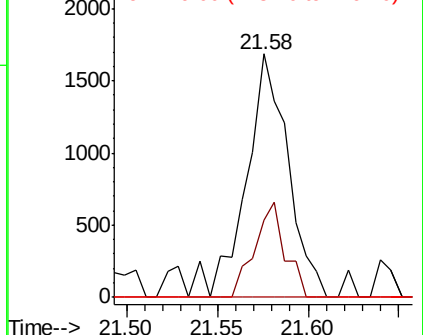
279 0.0 5.8 8.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.010 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

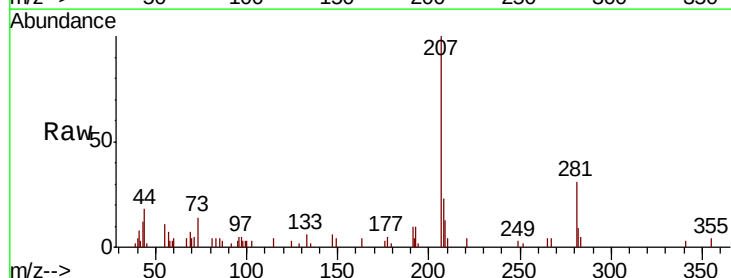
Tgt Ion:149 Resp: 261

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

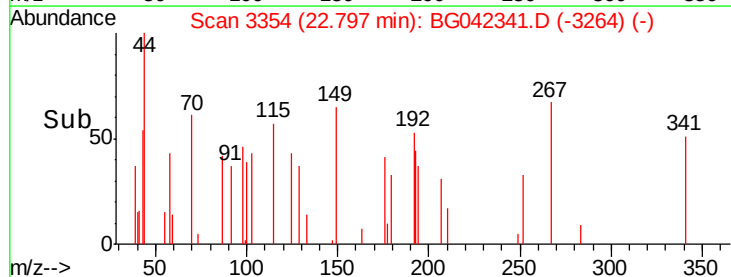
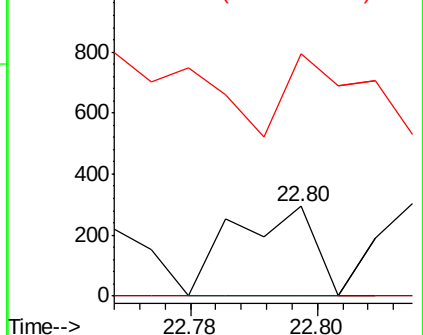
43 0.0 5.4 8.2#

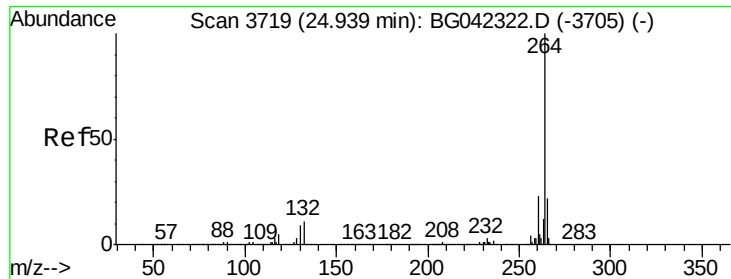


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

Instrument :

BNA_G

ClientSampleId :

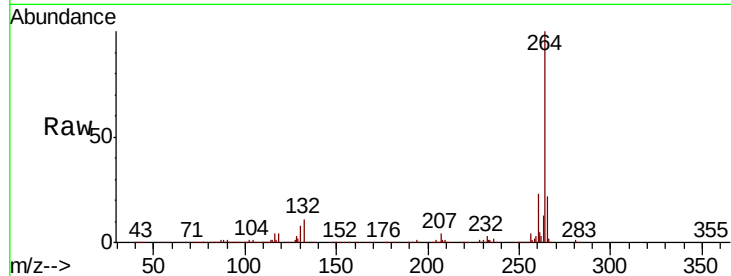
Tot Ion:264 Resp: 519752

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.8 17.4 26.0

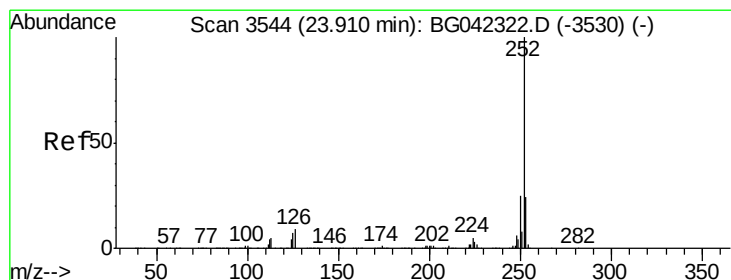
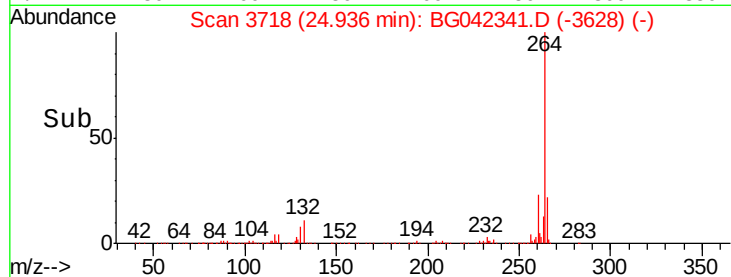
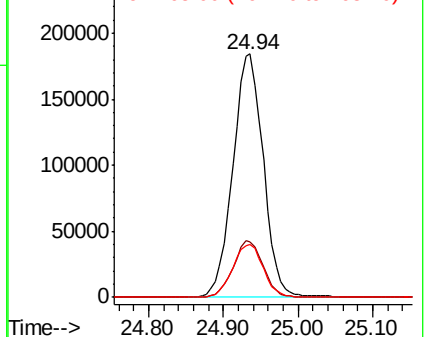


Abundance

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: 0.003 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042341.D

Acq: 20 Aug 2019 00:21

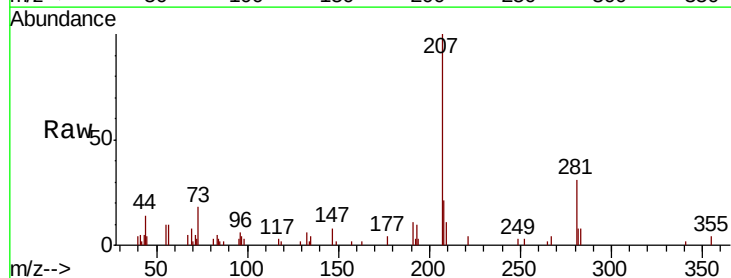
Tgt Ion:252 Resp: 74

Ion Ratio Lower Upper

252 100

253 0.0 18.9 28.3#

125 0.0 5.8 8.6#

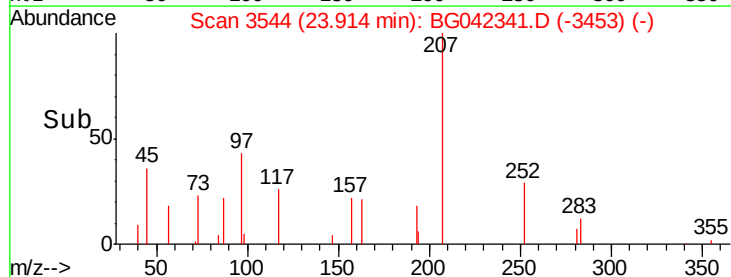
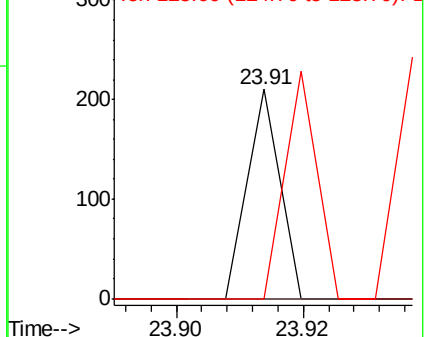


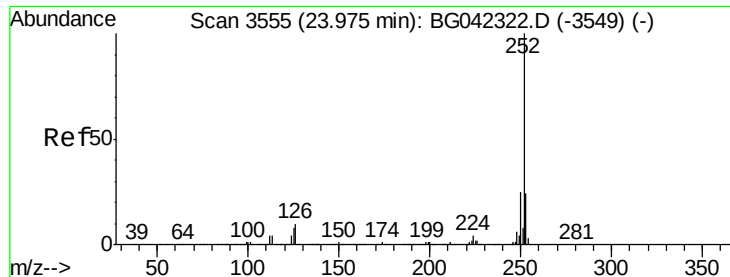
Abundance

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

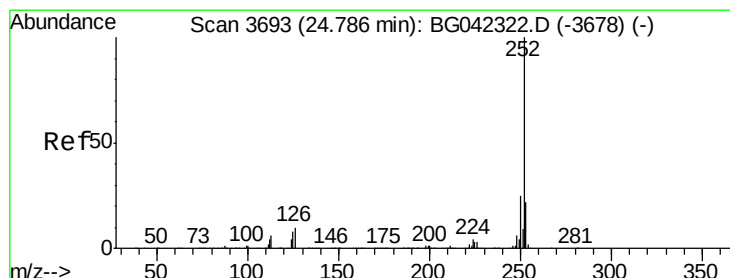
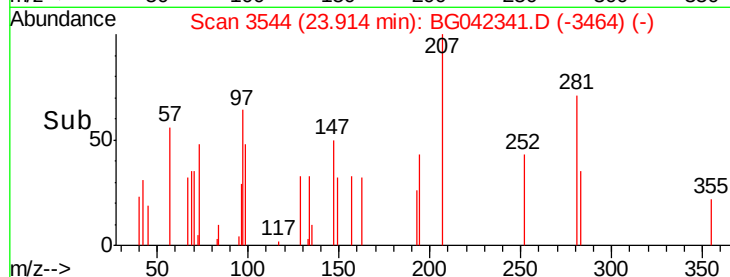
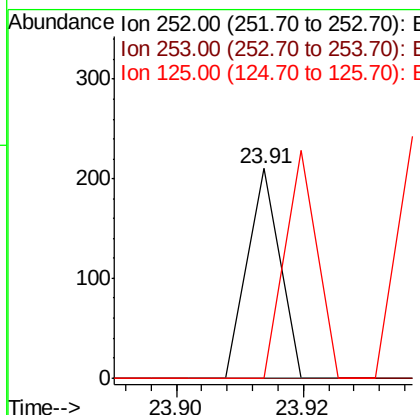
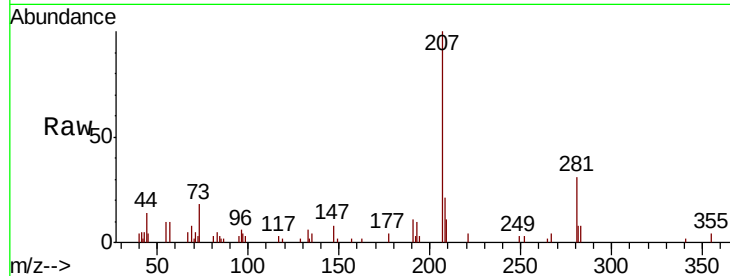




#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.06 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 74
Ion Ratio Lower Upper
252 100
253 0.0 19.0 28.4#
125 0.0 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 0.071 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.14 min
Lab File: BG042341.D
Acq: 20 Aug 2019 00:21

Tgt Ion:252 Resp: 1952
Ion Ratio Lower Upper
252 100
253 30.5 17.9 26.9#
125 35.9 6.7 10.1#

