

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043658.D
 Acq On : 15 Nov 2019 19:54
 Operator : JU
 Sample : PB124785BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BL

Quant Time: Nov 16 01:12:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	24953	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	87167	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	64263	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	196496	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	213632	20.00	ng	-0.02
87) Perylene-d12	24.83	264	79557	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	77584	56.97	ng	0.00
7) Phenol-d6	7.19	99	66489	33.94	ng	0.00
23) Nitrobenzene-d5	9.16	82	141656	83.78	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	108917	89.06	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	415500	89.34	ng	-0.02
79) Terphenyl-d14	19.99	244	1013598	89.01	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	3161	5.957	ng	# 1
3) Pyridine	4.22	79	67	0.050	ng	# 22
4) n-Nitrosodimethylamine	3.76	42	56	0.083	ng	# 1
6) Aniline	7.44	93	62	0.027	ng	# 42
9) Benzaldehyde	7.18	77	62	0.064	ng	# 5
10) Phenol	7.55	94	242	0.135	ng	# 1
11) bis(2-Chloroethyl)ether	7.44	93	62	0.045	ng	# 21
15) Benzyl Alcohol	8.31	79	2660	1.933	ng	# 41
19) n-Nitroso-di-n-propylamine	9.16	70	19495	15.399	ng	# 80
22) Acetophenone	8.82	105	424	0.190	ng	# 52
24) Nitrobenzene	9.15	77	603	0.374	ng	# 40
25) Isophorone	9.64	82	267	0.086	ng	# 64
27) 2,4-Dimethylphenol	10.18	122	61	0.055	ng	# 1
32) Benzoic acid	10.18	122	61	9.107	ng	# 1
46) 1,1'-Biphenyl	13.46	154	67	0.014	ng	# 43
48) 2-Nitroaniline	13.25	65	510	0.459	ng	# 1
51) 2,6-Dinitrotoluene	14.62	165	8282	7.659	ng	# 22
52) Acenaphthene	14.63	154	172	0.049	ng	# 6
57) 2,4-Dinitrotoluene	14.62	165	8282	5.359	ng	# 25
58) Fluorene	16.11	166	2503	0.521	ng	# 69
63) Azobenzene	16.11	77	338	0.084	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.13	198	153	0.132	ng	# 26
66) n-Nitrosodiphenylamine	16.11	169	2513	0.453	ng	# 41
67) 4-Bromophenyl-phenylether	16.20	248	452	0.171	ng	# 40
74) Di-n-butylphthalate	18.36	149	63	0.006	ng	# 77
75) Fluoranthene	19.79	202	75	0.006	ng	# 65
77) Benzidine	19.98	184	14087	3.276	ng	# 90
78) Pyrene	19.99	202	3252	0.246	ng	# 79
80) Butylbenzylphthalate	20.67	149	55	0.011	ng	# 27
81) Benzo(a)anthracene	21.63	228	747	0.056	ng	# 16
82) 3,3'-Dichlorobenzidine	21.28	252	65	0.013	ng	# 25
83) Chrysene	21.69	228	73	0.005	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.52	149	639	0.090	ng	# 51
85) Di-n-octyl phthalate	22.73	149	390	0.032	ng	# 1

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QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.80	252	65	0.014	ng	# 60
89) Benzo(k)fluoranthene	23.89	252	145	0.032	ng	# 60
90) Benzo(a)pyrene	24.70	252	87	0.020	ng	# 60

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

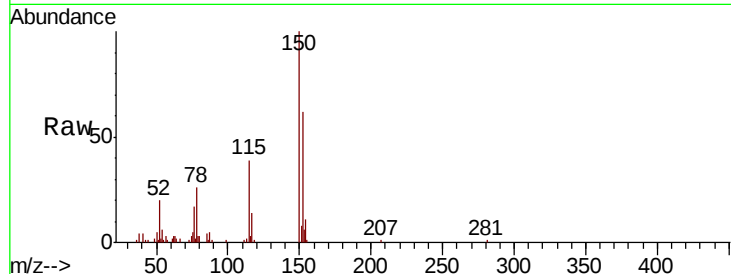


#1

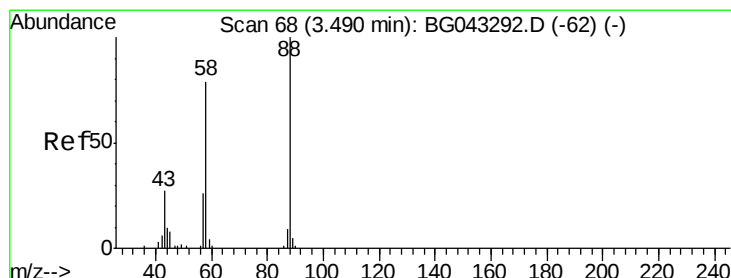
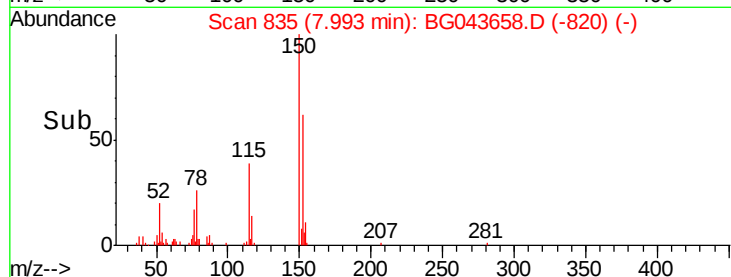
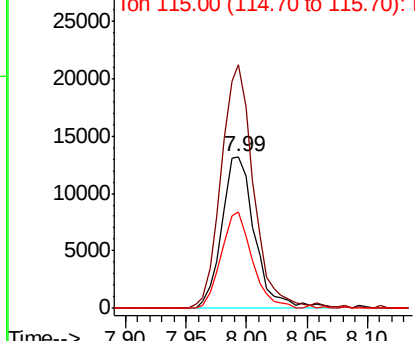
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Instrument :
BNA_G
ClientSampleId :
PB124785BL

Tot Ion:152 Resp: 24953
Ion Ratio Lower Upper
152 100
150 160.7 129.4 194.0
115 63.4 48.8 73.2



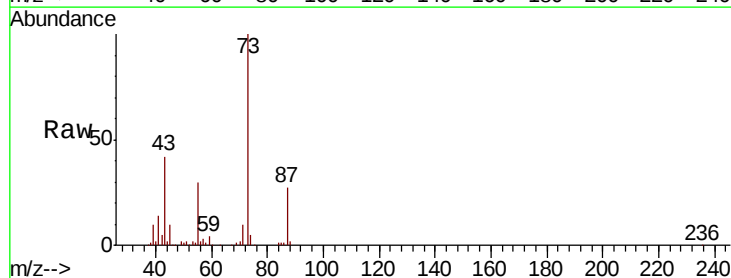
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



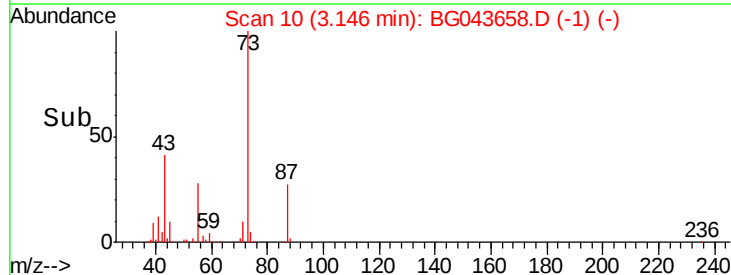
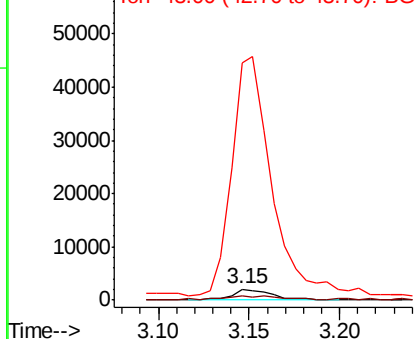
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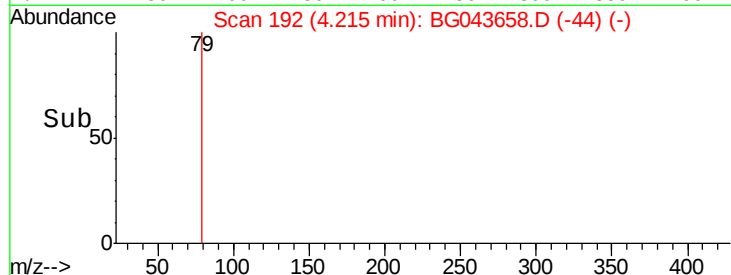
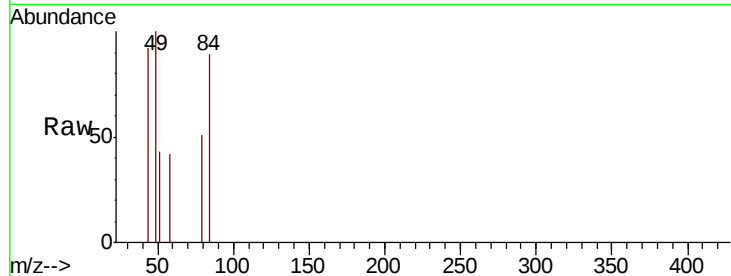
1,4-Dioxane
Concen: 5.957 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.33 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Tgt Ion: 88 Resp: 3161
Ion Ratio Lower Upper
88 100
58 55.6 62.7 94.1#
43 2216.7 23.7 35.5#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC

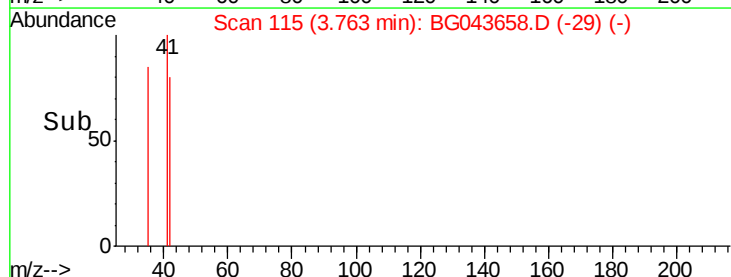
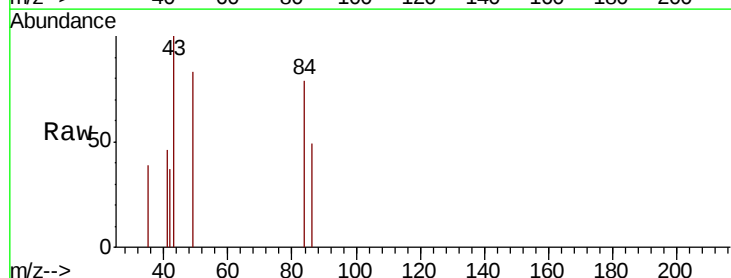
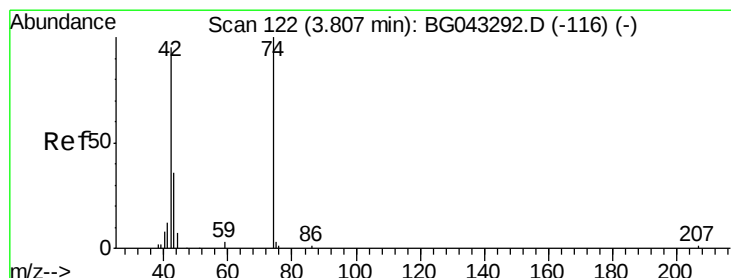
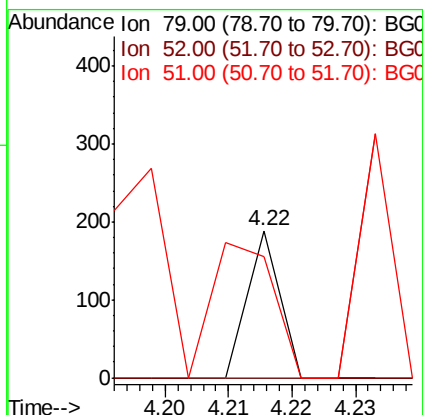




#3
Pvridine
Concen: 0.050 ng
RT: 4.22 min Scan# 192
Delta R.T. 0.34 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

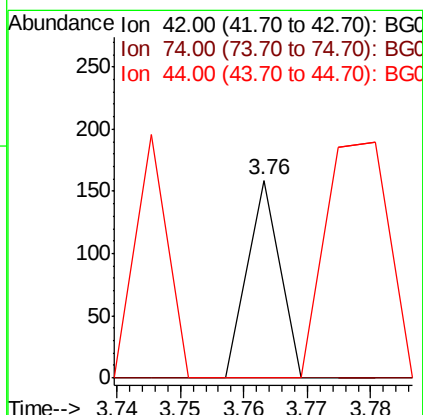
Tot Ion	Ratio	Lower	Upper
79	100		
52	0.0	56.5	84.7#
51	82.5	33.2	49.8#

Instrument :
BNA_G
ClientSampleId :
PB124785BL



#4
n-Nitrosodimethylamine
Concen: 0.083 ng
RT: 3.76 min Scan# 115
Delta R.T. -0.03 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.3	145.9#
44	0.0	4.4	6.6#





#5

2-Fluorophenol

Concen: 56.975 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

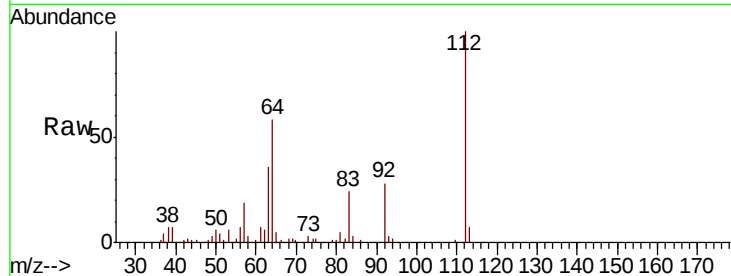
Tot Ion:112 Resp: 77584

Ion Ratio Lower Upper

112 100

64 58.3 50.0 75.0

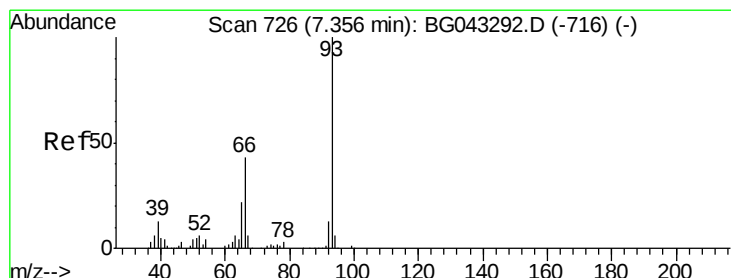
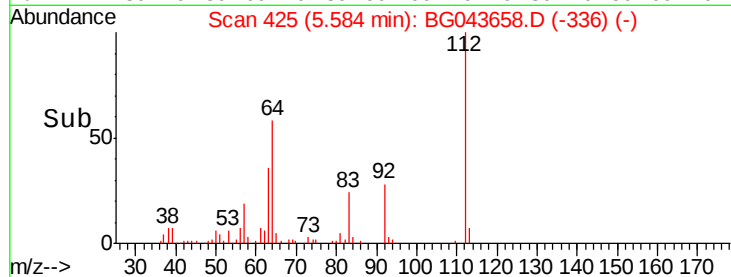
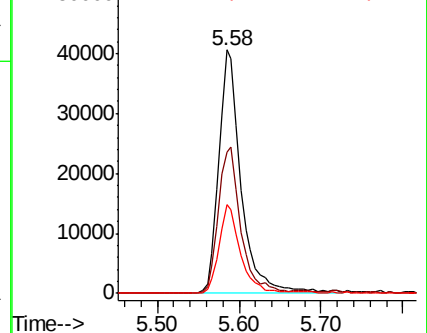
63 36.3 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.027 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.10 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

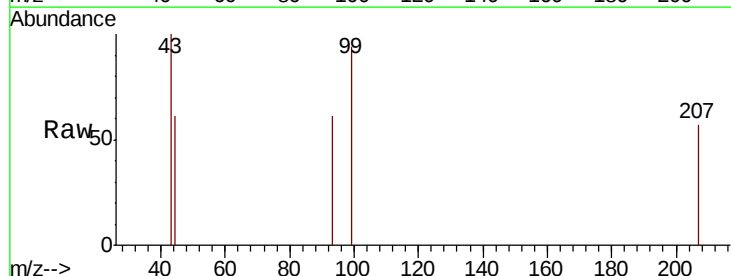
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

93 100

66 0.0 32.3 48.5#

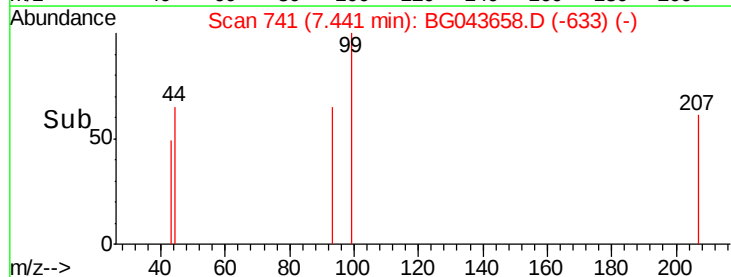
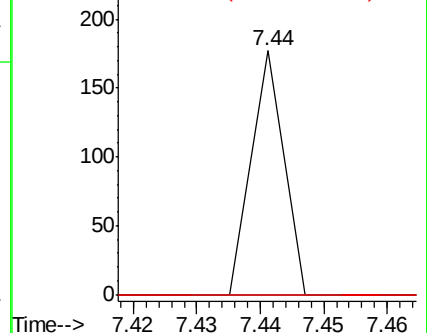
65 0.0 16.1 24.1#

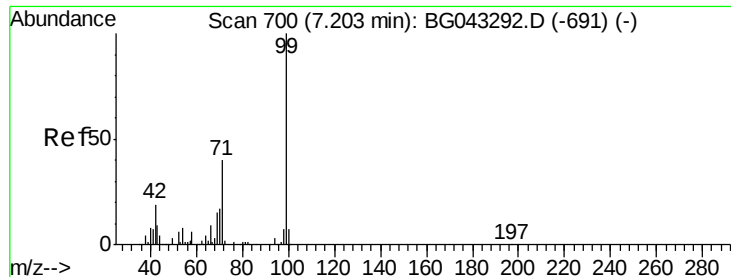


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 33.937 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

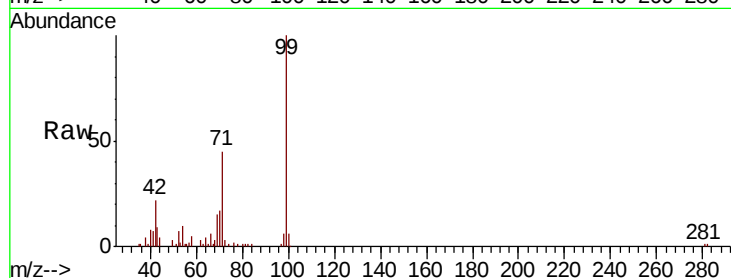
Tot Ion: 99 Resp: 66489

Ion Ratio Lower Upper

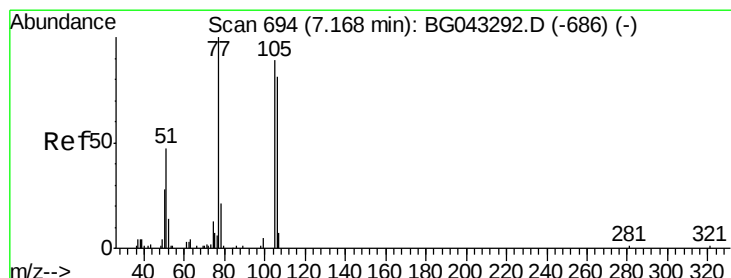
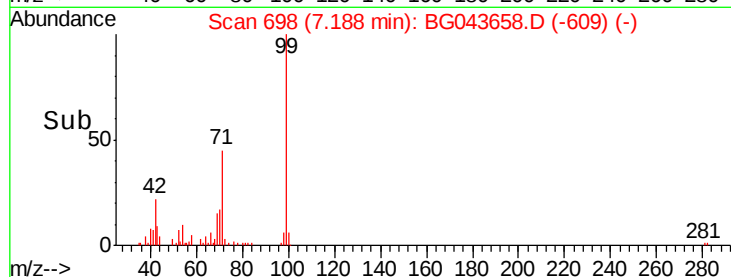
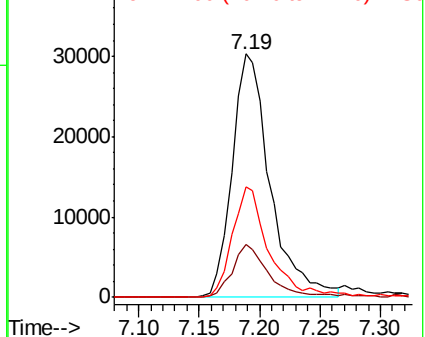
99 100

42 21.8 14.6 21.8

71 45.4 32.5 48.7



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



#9

Benzaldehyde

Concen: 0.064 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.03 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

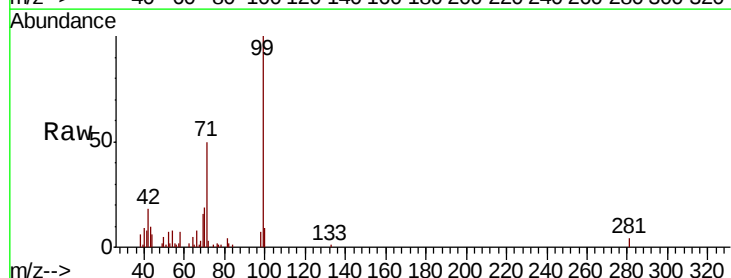
Tgt Ion: 77 Resp: 62

Ion Ratio Lower Upper

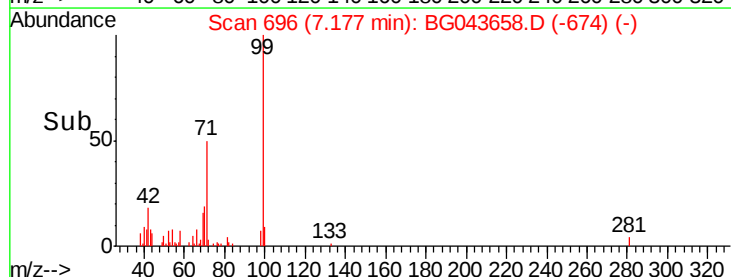
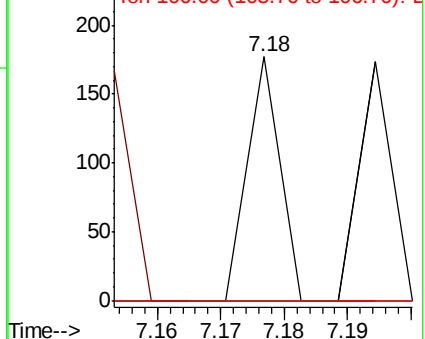
77 100

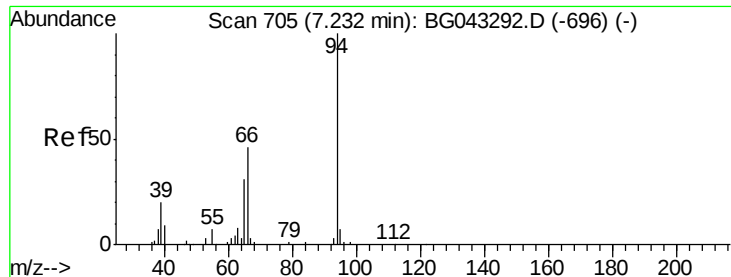
105 0.0 68.6 108.6#

106 0.0 69.9 109.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 0.135 ng

RT: 7.55 min Scan# 759

Delta R.T. 0.33 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

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ClientSampleId :

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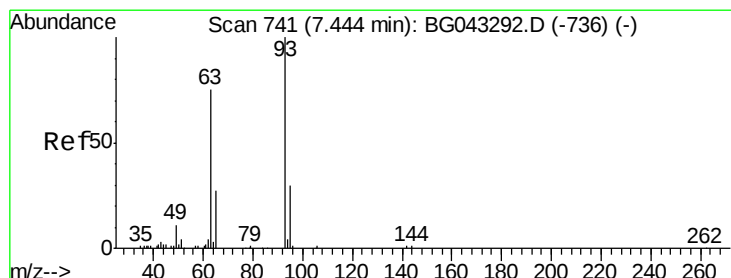
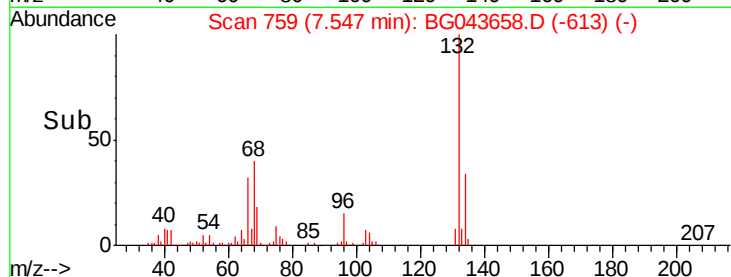
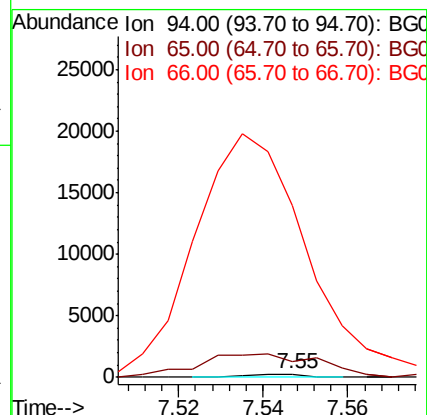
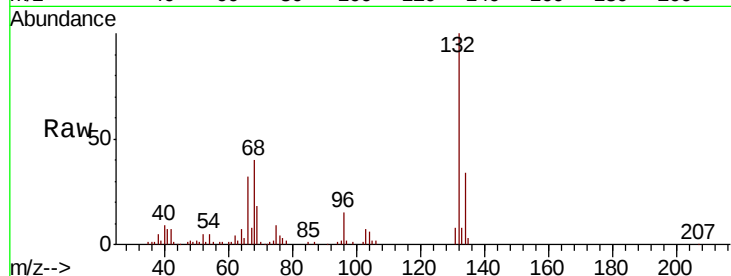
Tot Ion: 94 Resp: 242

Ion Ratio Lower Upper

94 100

65 473.4 12.6 52.6#

66 5113.5 30.7 70.7#



#11

bis(2-Chloroethyl)ether

Concen: 0.045 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

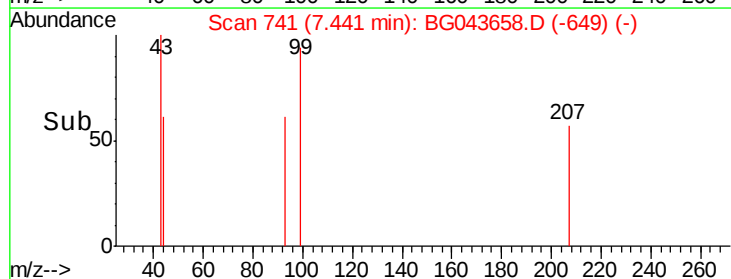
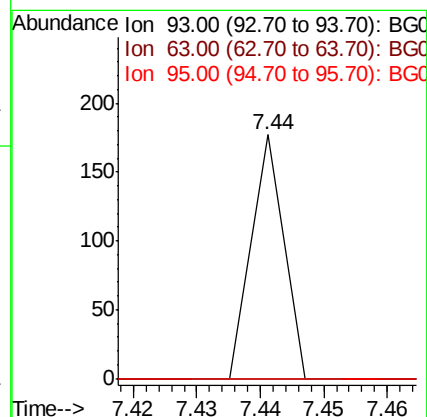
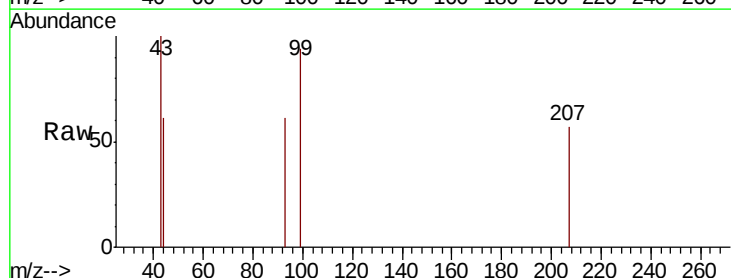
Tgt Ion: 93 Resp: 62

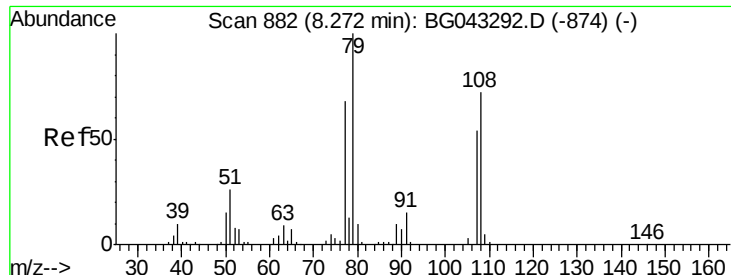
Ion Ratio Lower Upper

93 100

63 0.0 56.3 96.3#

95 0.0 12.2 52.2#





#15

Benzyl Alcohol

Concen: 1.933 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.06 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

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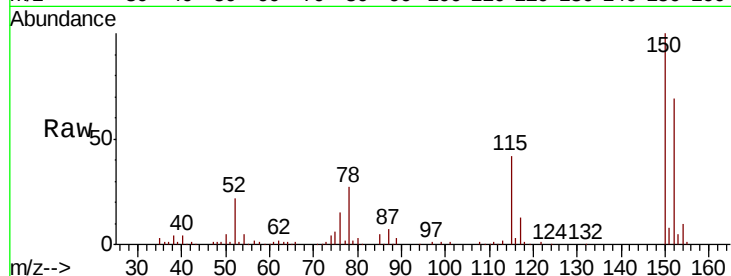
Tot Ion: 79 Resp: 2660

Ion Ratio Lower Upper

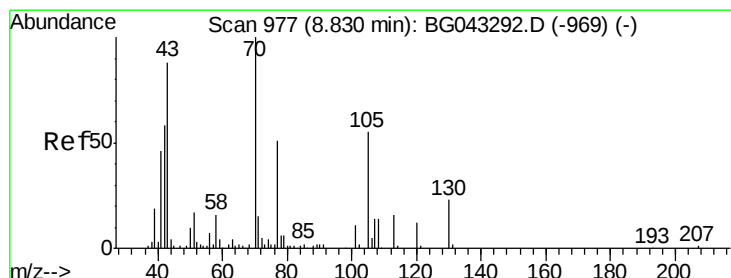
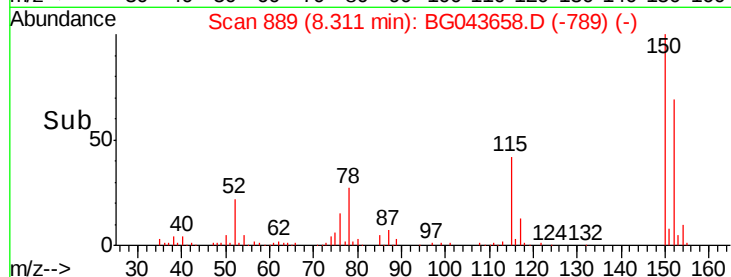
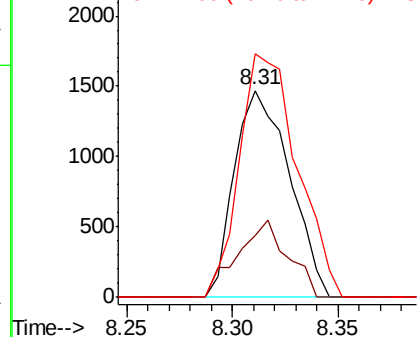
79 100

108 29.9 53.6 80.4#

77 117.7 49.6 74.4#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.399 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.34 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Tgt Ion: 70 Resp: 19495

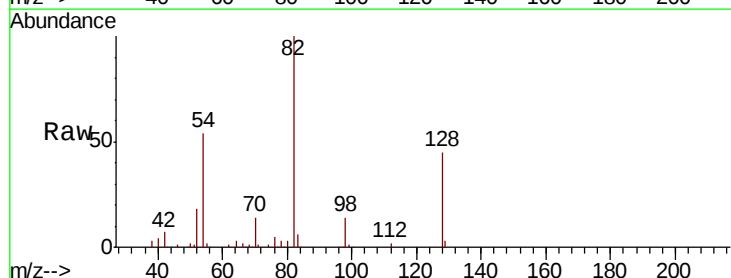
Ion Ratio Lower Upper

70 100

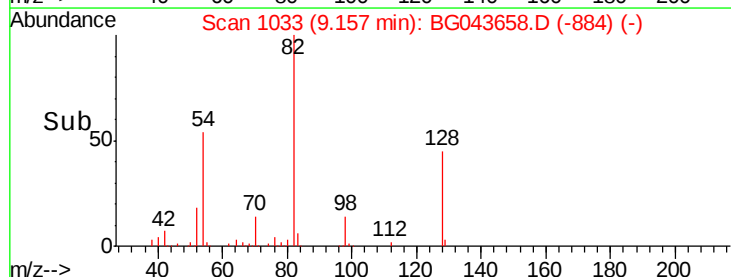
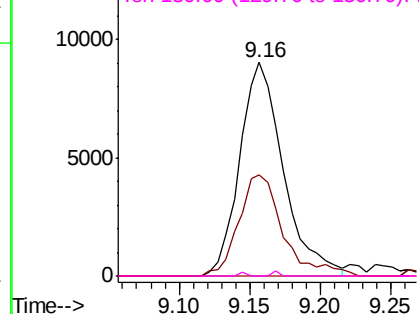
42 47.3 41.4 62.2

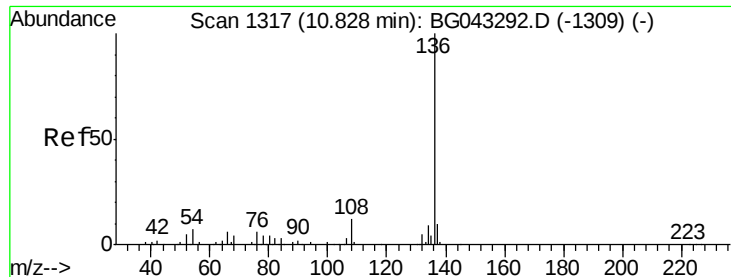
101 0.0 7.9 11.9#

130 0.0 19.0 28.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

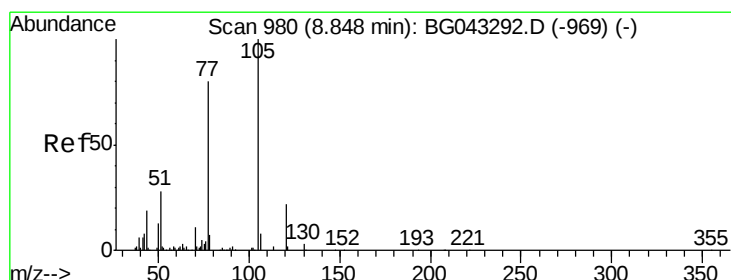
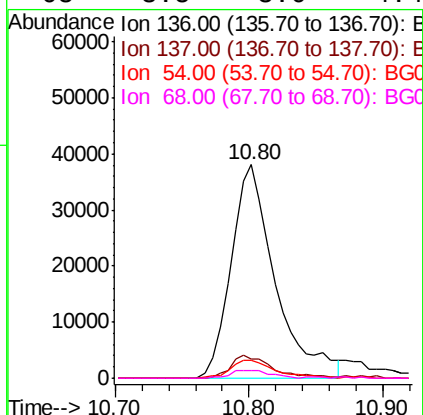
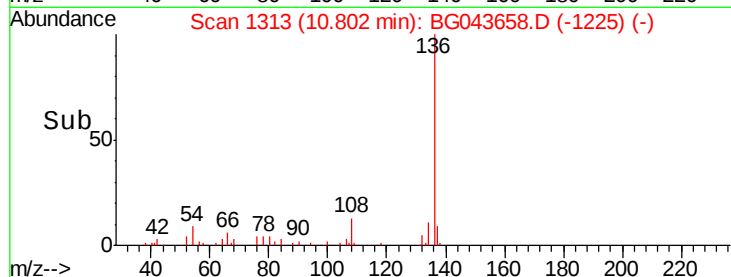
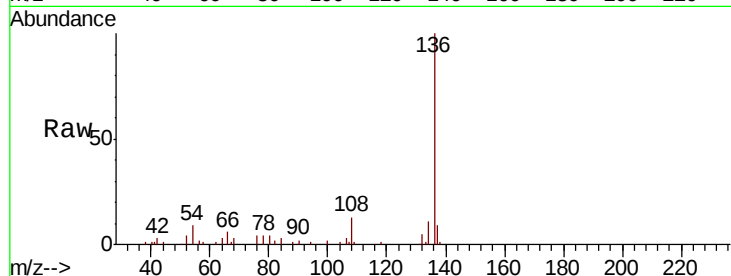




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

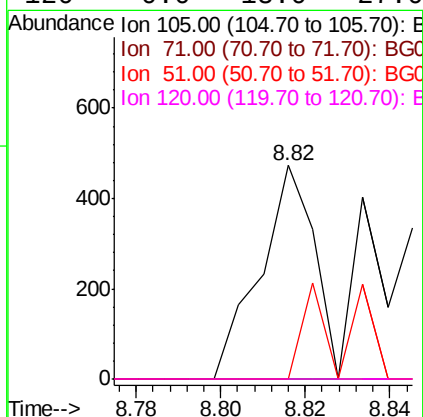
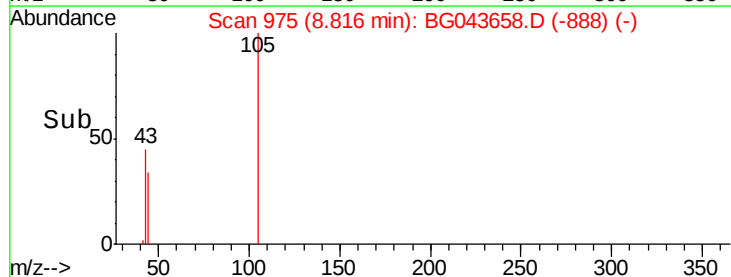
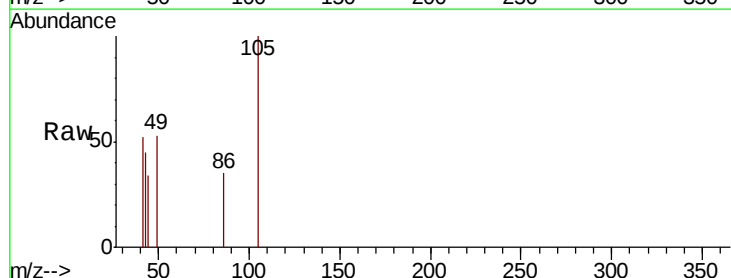
Instrument :
BNA_G
ClientSampleId :
PB124785BL

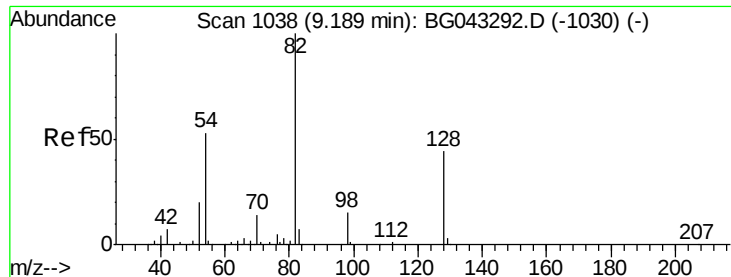
Tot Ion:136	Resp:	87167
Ion Ratio	Lower	Upper
136 100		
137 9.3	8.7	13.1
54 8.6	5.4	8.2#
68 3.5	3.0	4.4



#22
Acetophenone
Concen: 0.190 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Tgt	Ion:105	Resp:	424
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	0.0	21.0	31.4#
120	0.0	18.0	27.0#





#23

Nitrobenzene-d5

Concen: 83.782 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

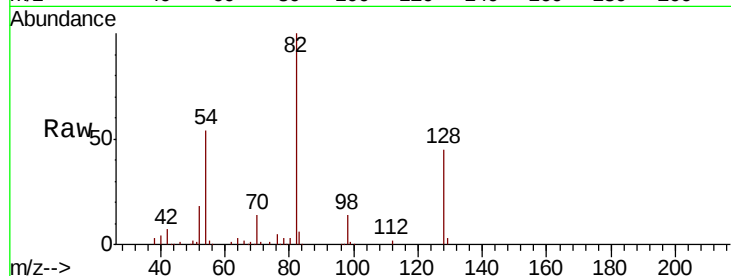
Tot Ion: 82 Resp: 141656

Ion Ratio Lower Upper

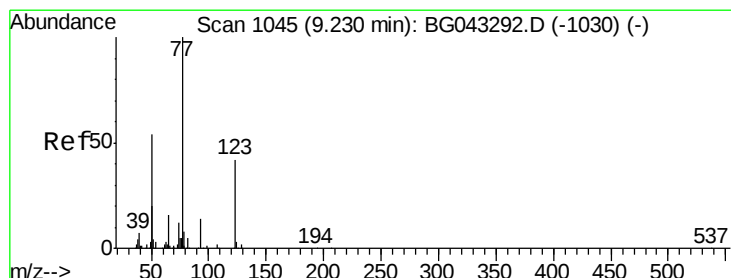
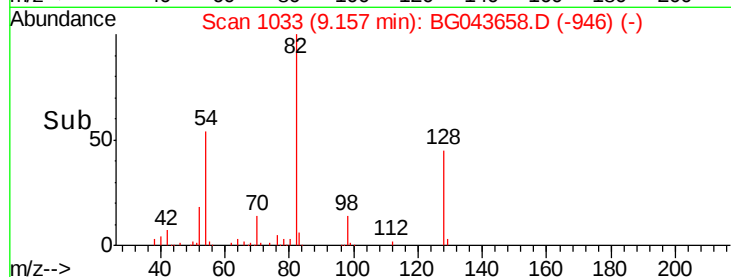
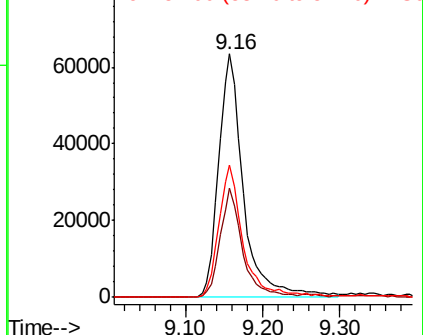
82 100

128 44.7 35.0 52.6

54 54.3 40.2 60.2



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: 0.374 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

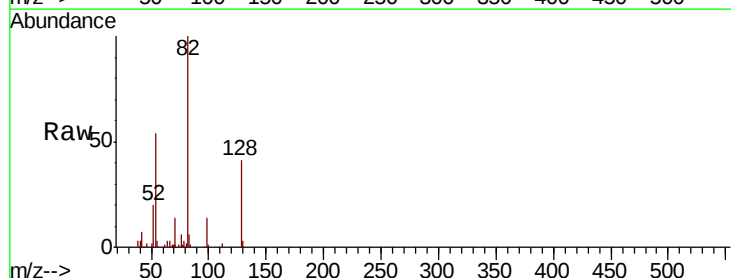
Tgt Ion: 77 Resp: 603

Ion Ratio Lower Upper

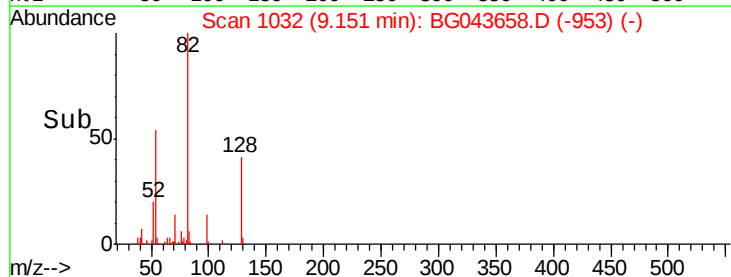
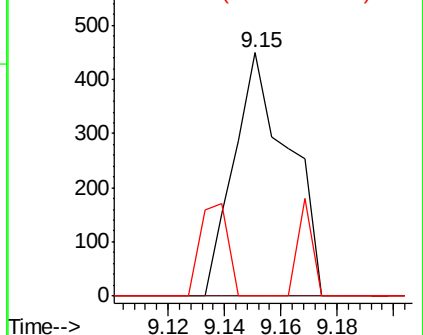
77 100

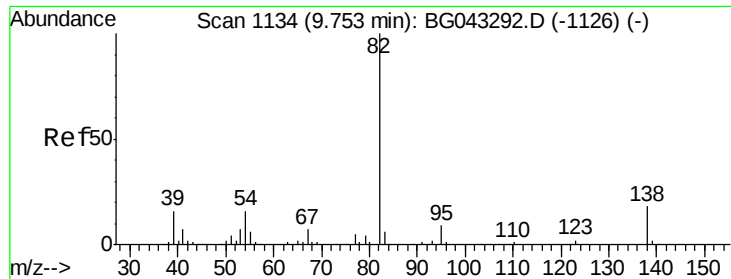
123 0.0 35.0 52.6#

65 0.0 9.5 14.3#



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: 0.086 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.10 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

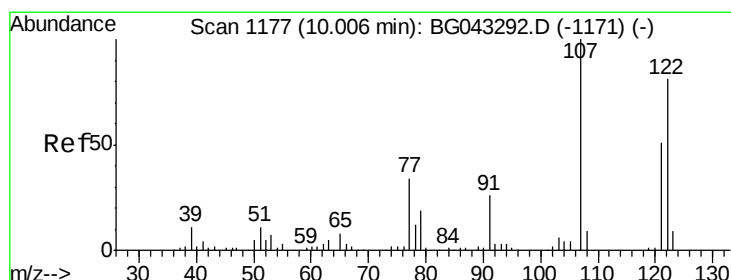
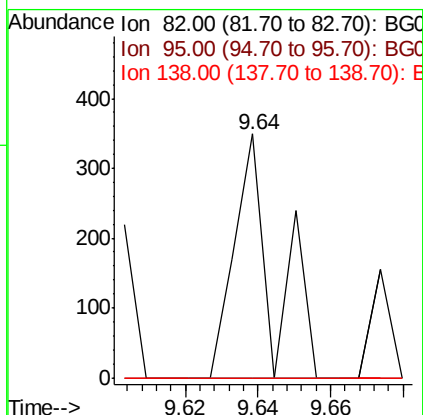
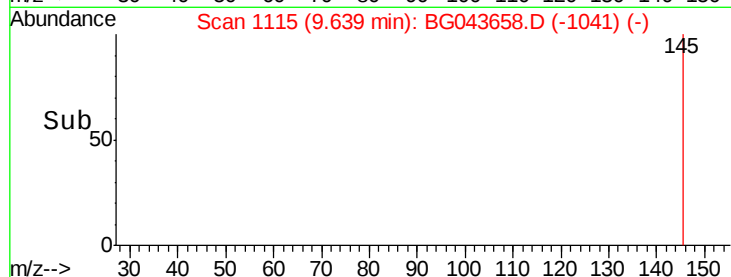
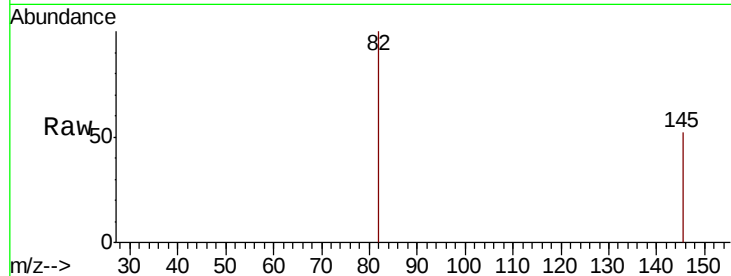
Tot Ion: 82 Resp: 267

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

138 0.0 15.2 22.8#



#27

2,4-Dimethylphenol

Concen: 0.055 ng

RT: 10.18 min Scan# 1207

Delta R.T. 0.18 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

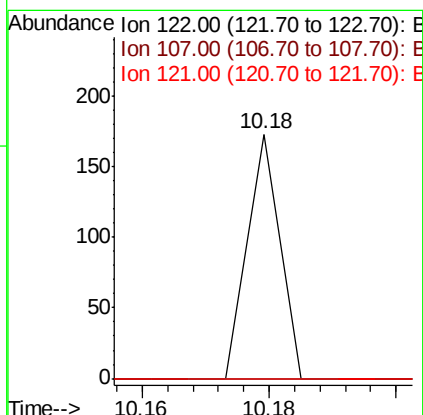
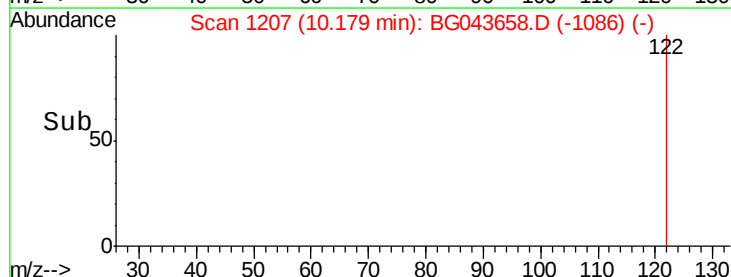
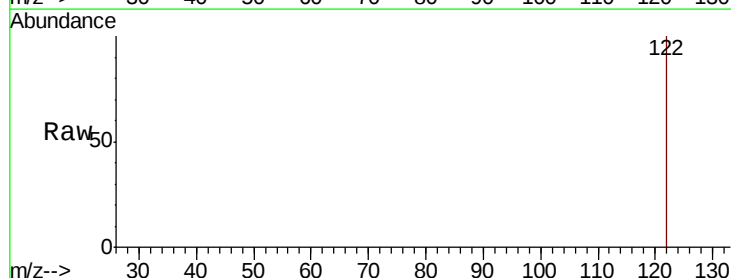
Tgt Ion: 122 Resp: 61

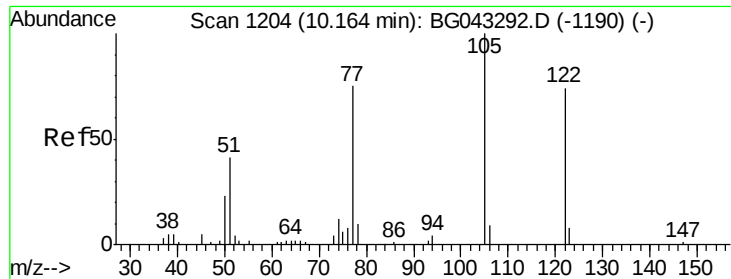
Ion Ratio Lower Upper

122 100

107 0.0 104.4 156.6#

121 0.0 47.2 70.8#

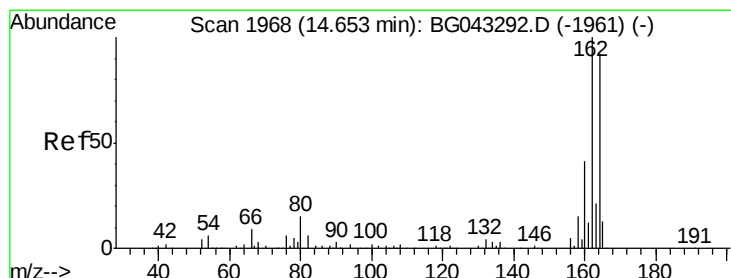
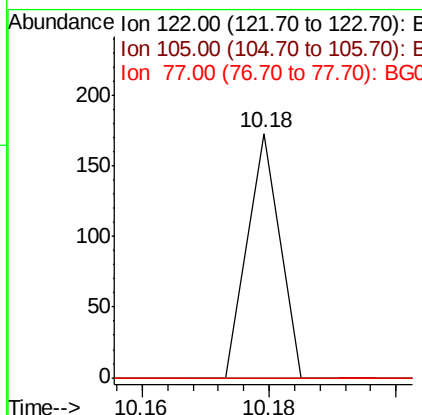
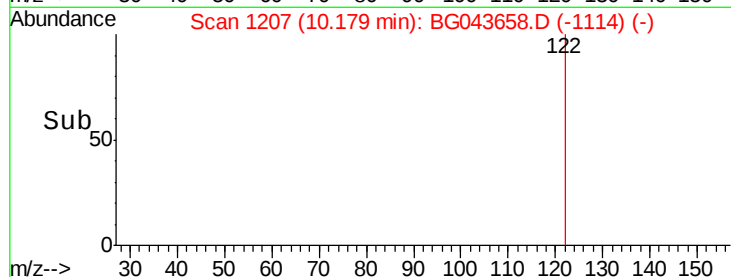
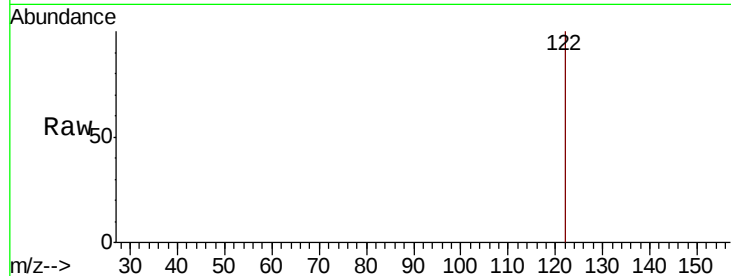




#32
Benzoic acid
Concen: 9.107 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

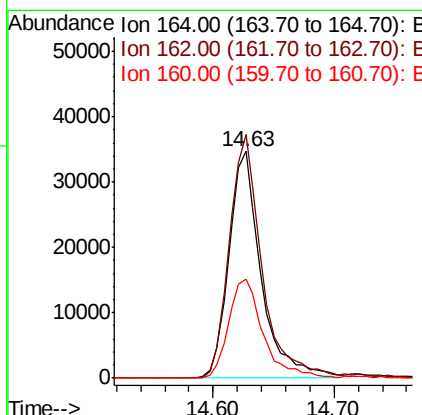
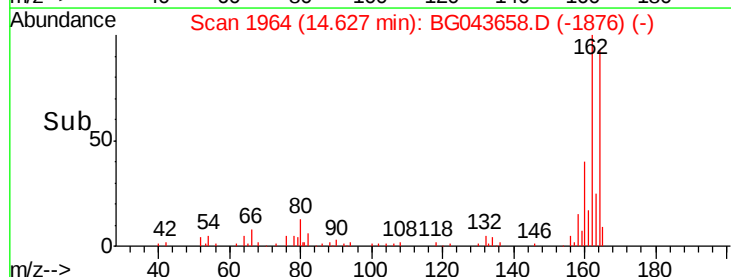
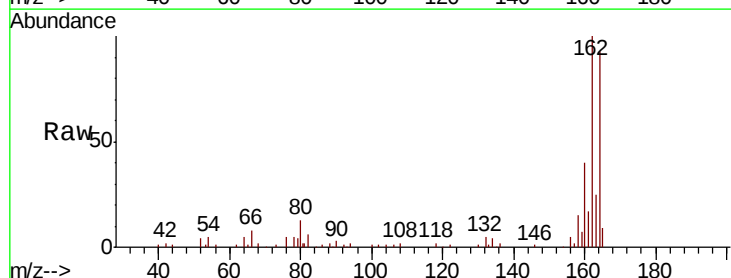
Instrument :
BNA_G
ClientSampleId :
PB124785BL

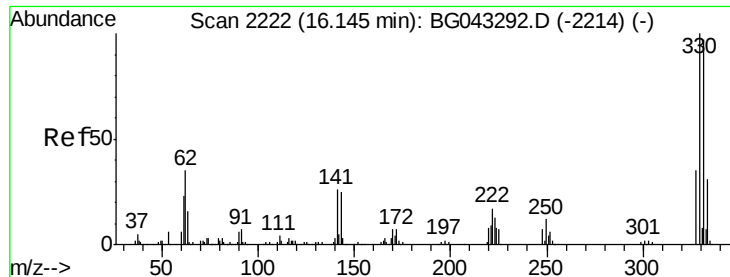
Tot Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 84.9 124.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Tgt Ion:164 Resp: 64263
Ion Ratio Lower Upper
164 100
162 107.5 83.5 125.3
160 43.5 36.5 54.7

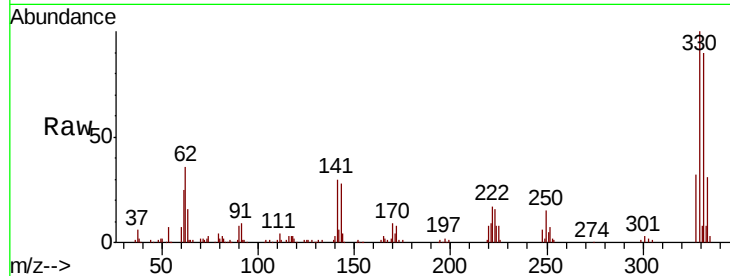




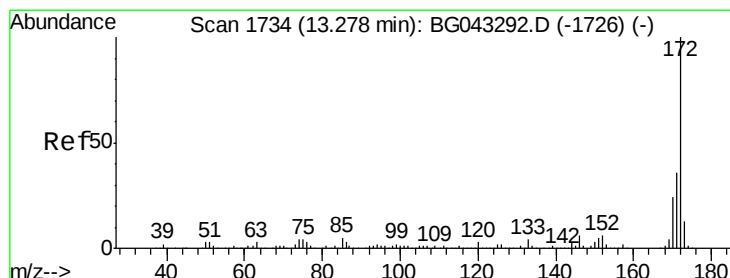
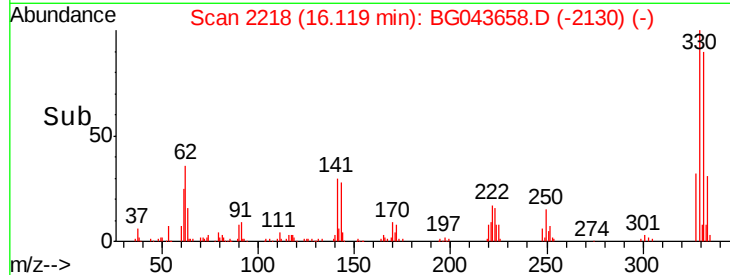
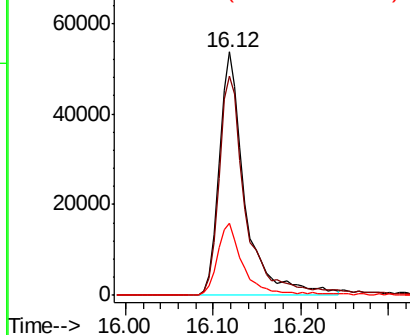
#42
 2,4,6-Tribromophenol
 Concen: 89.063 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.0
141	28.7	22.8	34.2

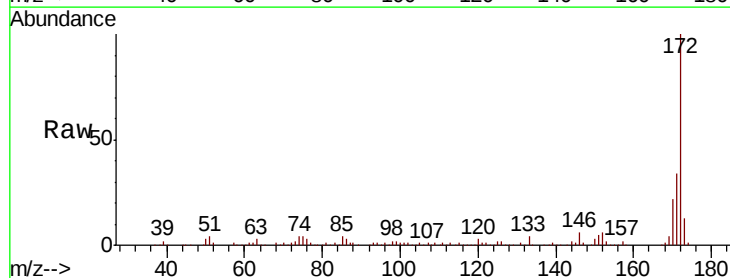


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

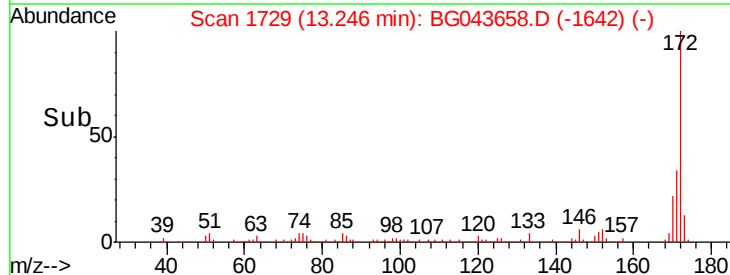
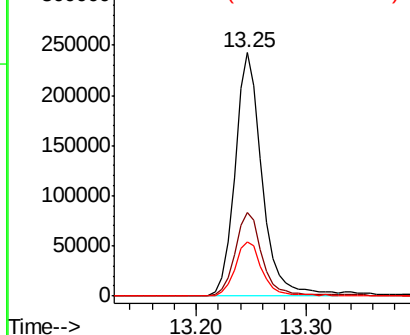


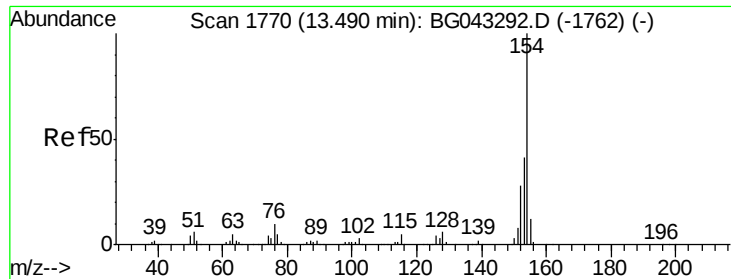
#45
 2-Fluorobiphenyl
 Concen: 89.342 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	22.4	18.5	27.7



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

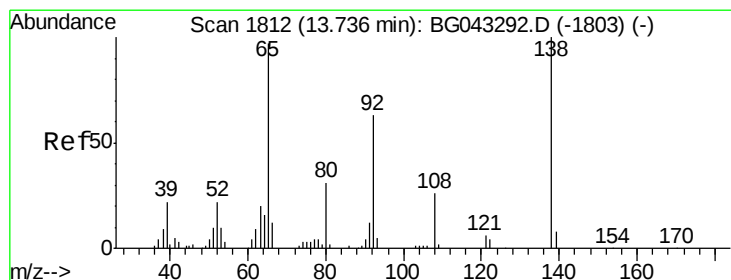
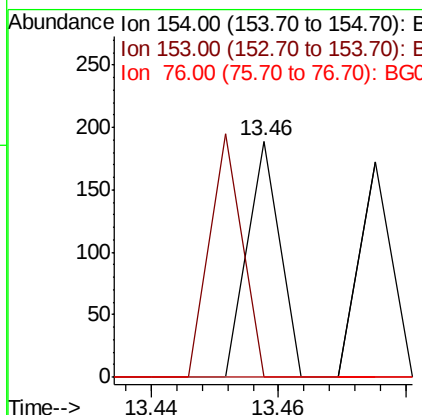
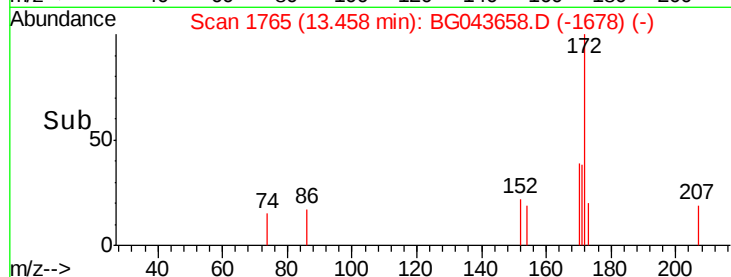
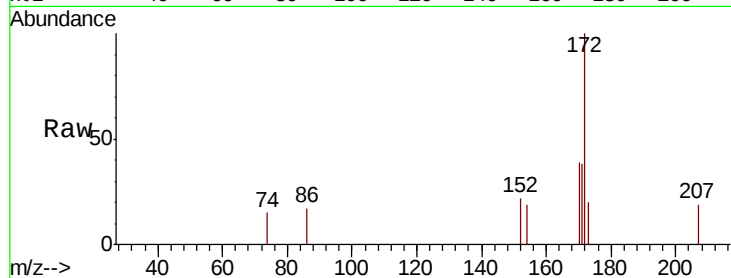




#46
 1,1'-Biphenyl
 Concen: 0.014 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

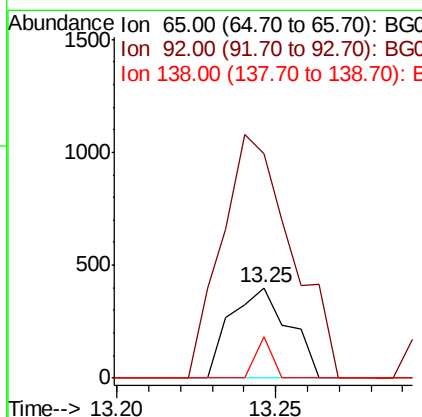
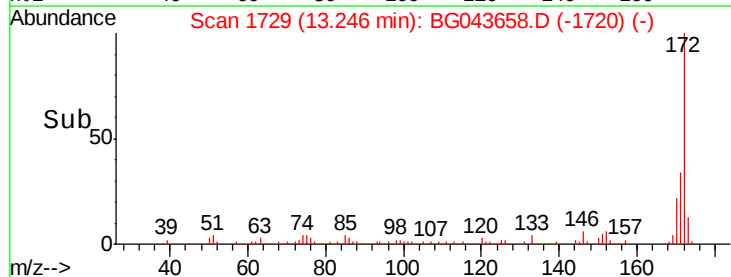
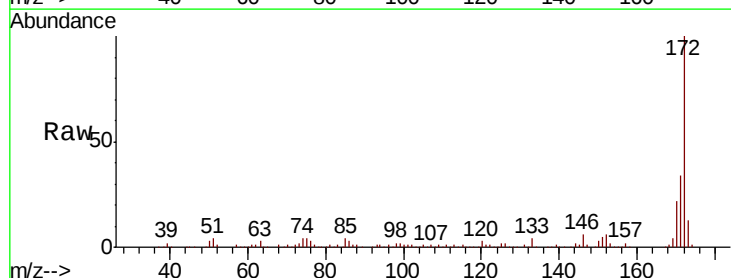
Instrument :
 BNA_G
 ClientSampleID :
 PB124785BL

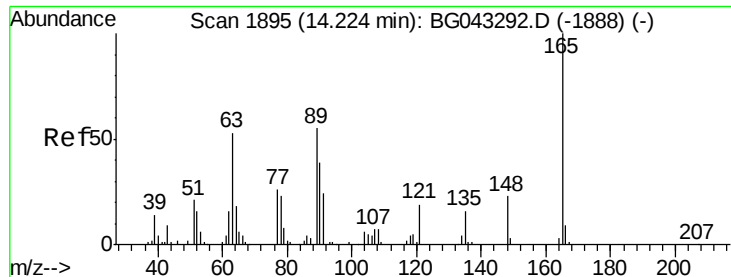
Tot Ion:154 Resp: 67
 Ion Ratio Lower Upper
 154 100
 153 0.0 19.9 59.9#
 76 0.0 0.0 29.4



#48
 2-Nitroaniline
 Concen: 0.459 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.48 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

Tgt Ion: 65 Resp: 510
 Ion Ratio Lower Upper
 65 100
 92 248.0 56.2 84.2#
 138 46.0 82.6 123.8#

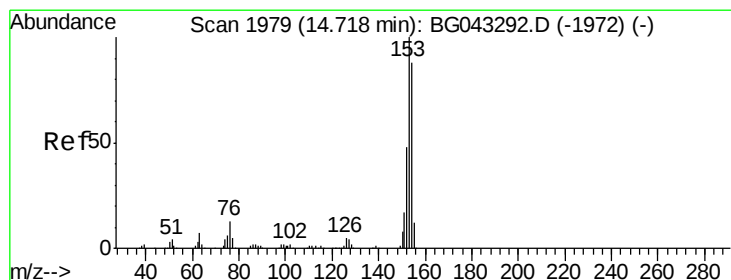
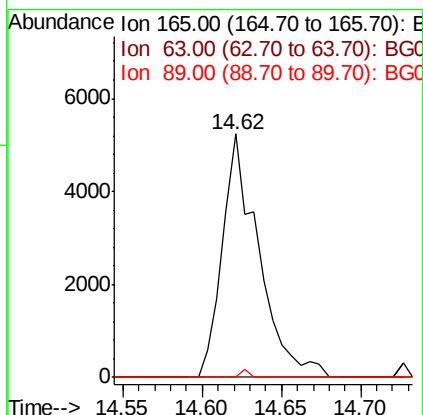
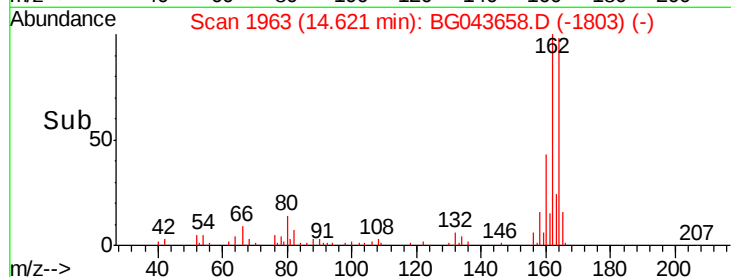
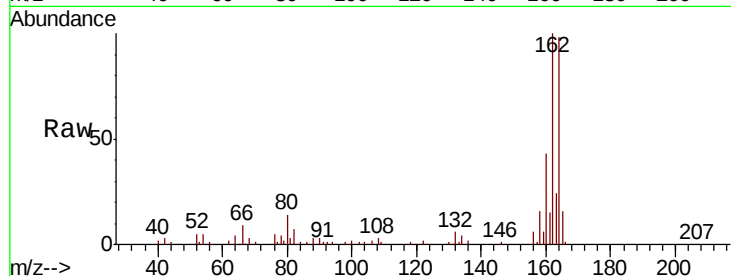




#51
 2,6-Dinitrotoluene
 Concen: 7.659 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.41 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

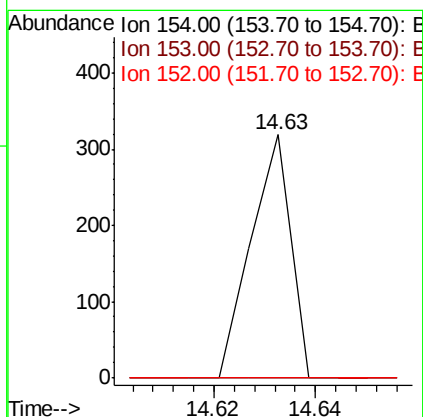
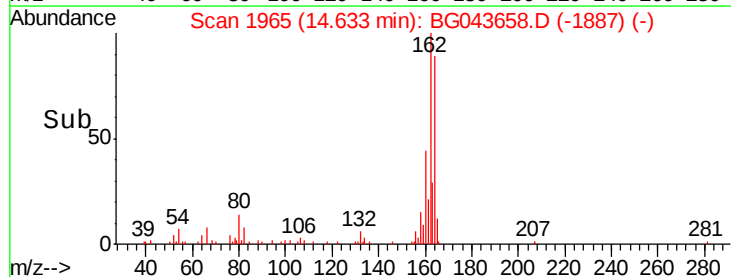
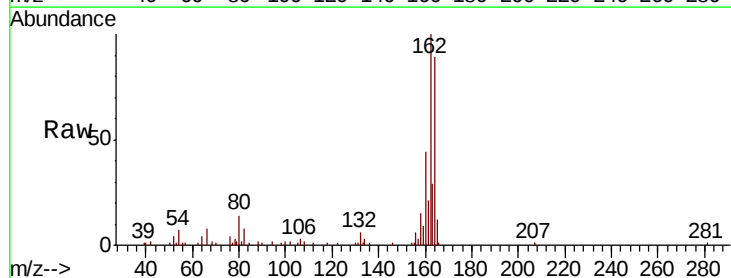
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BL

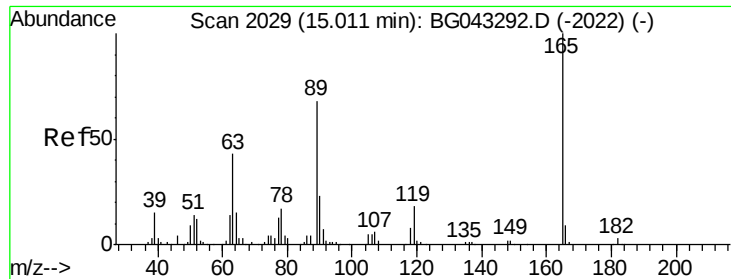
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	0.0	45.1	67.7#



#52
 Acenaphthene
 Concen: 0.049 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.07 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.2	132.2#
152	0.0	40.0	60.0#

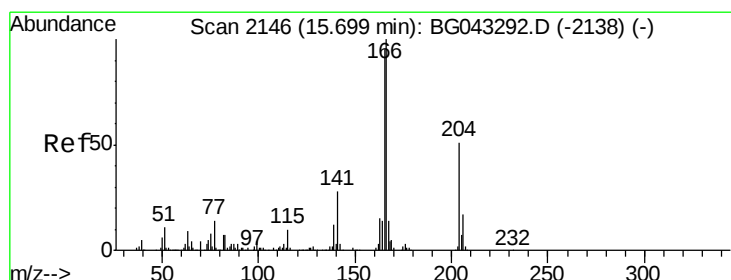
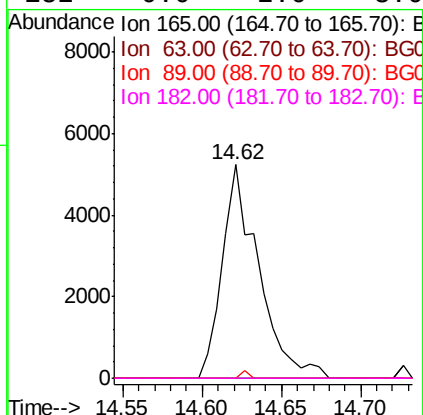
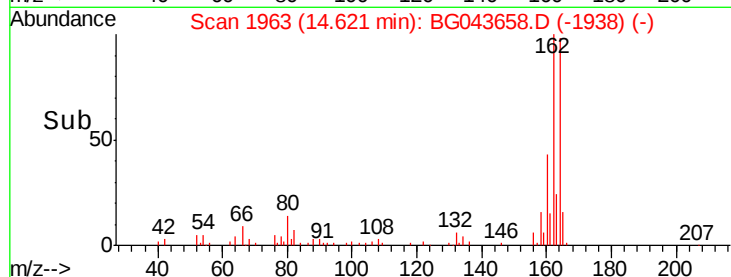
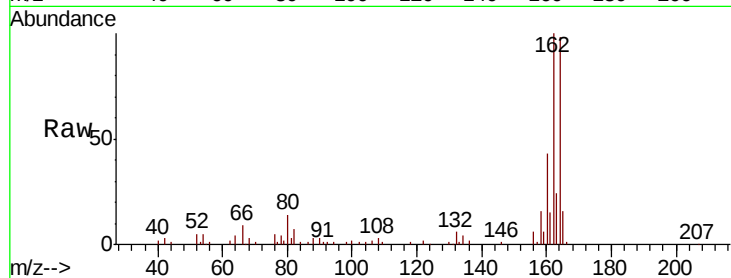




#57
 2,4-Dinitrotoluene
 Concen: 5.359 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.38 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

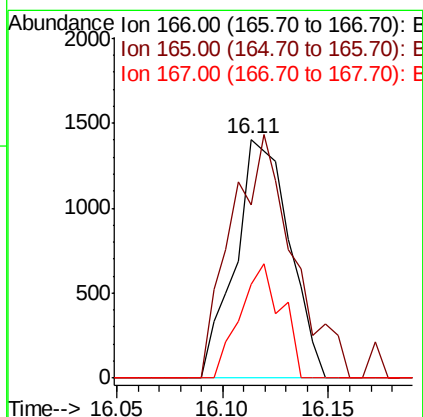
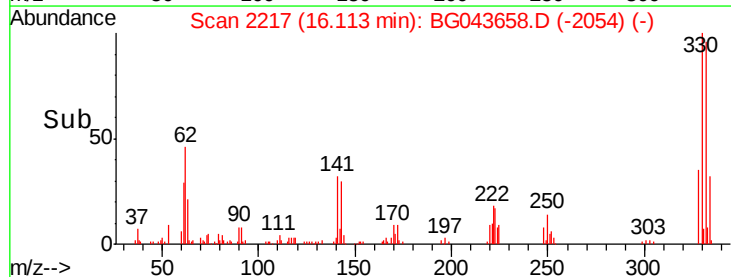
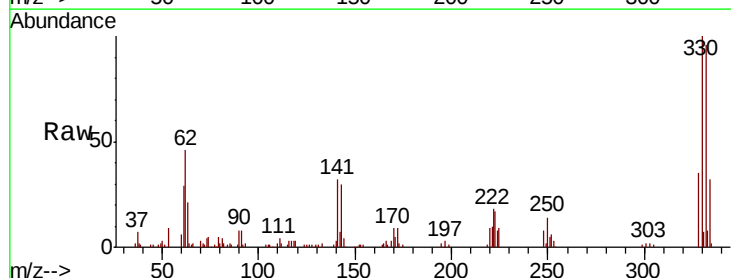
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BL

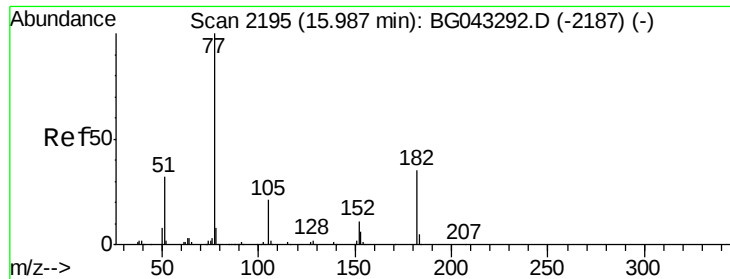
Tot Ion:165 Resp: 8282
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.2 49.8#
 89 0.0 52.2 78.4#
 182 0.0 2.0 3.0#



#58
 Fluorene
 Concen: 0.521 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.43 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

Tgt Ion:166 Resp: 2503
 Ion Ratio Lower Upper
 166 100
 165 72.4 79.0 118.6#
 167 39.2 10.5 15.7#

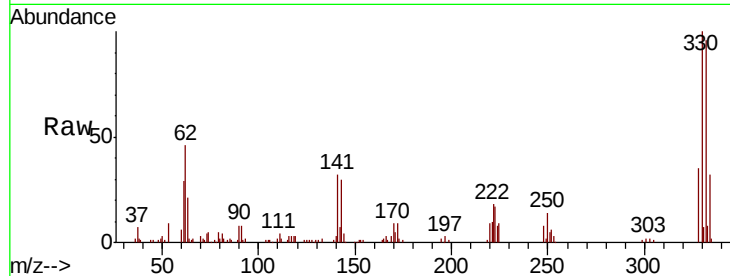




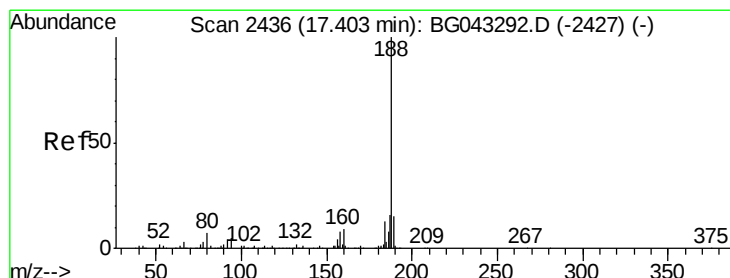
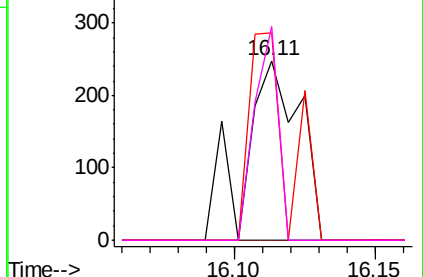
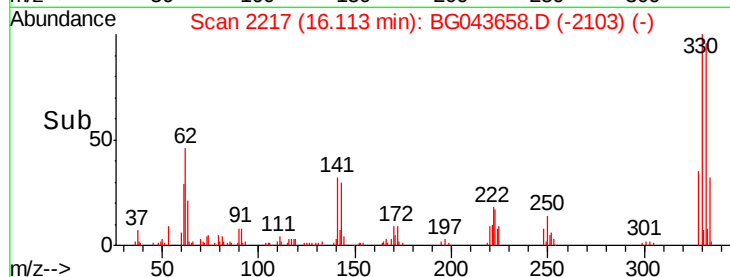
#63
Azobenzene
Concen: 0.084 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.14 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Instrument :
BNA_G
ClientSampleId :
PB124785BL

Tot Ion: 77 Resp: 338
Ion Ratio Lower Upper
77 100
182 0.0 13.7 53.7#
105 115.3 0.4 40.4#
51 119.0 11.0 51.0#

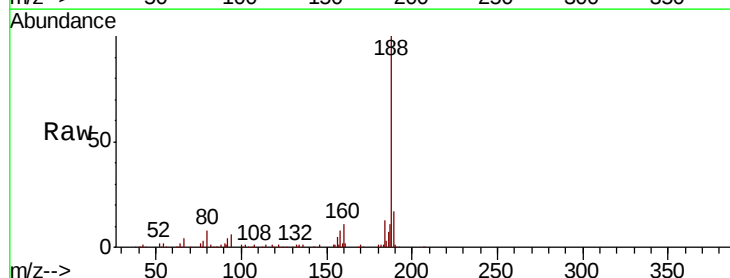


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

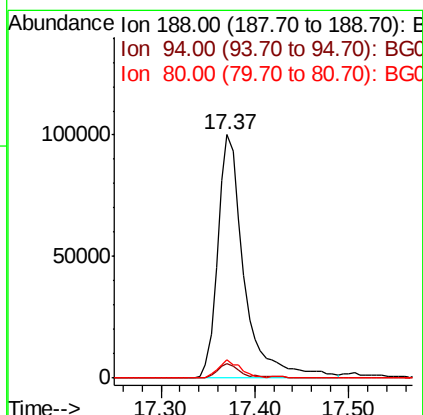
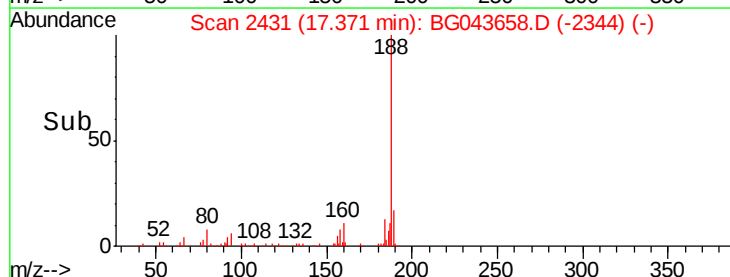


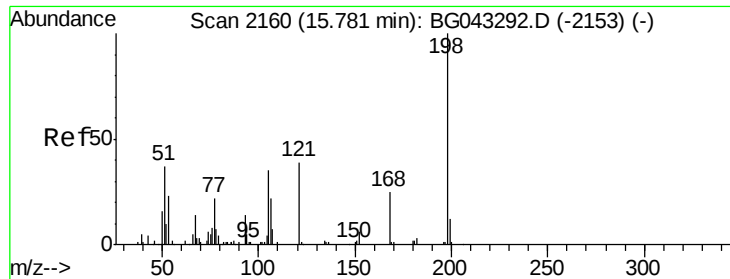
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Tgt Ion: 188 Resp: 196496
Ion Ratio Lower Upper
188 100
94 6.1 4.2 6.4
80 7.7 4.5 6.7#



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





#65

4,6-Dinitro-2-methylphenol

Concen: 0.132 ng

RT: 16.13 min Scan# 2219

Delta R.T. 0.35 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

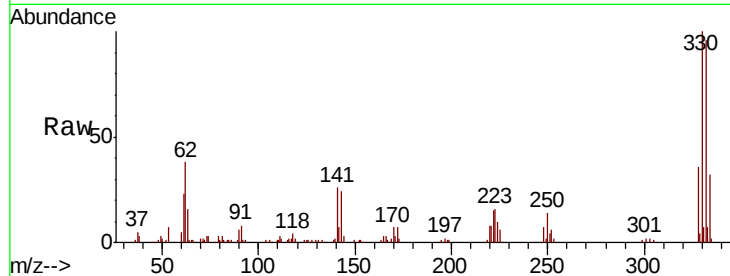
Tot Ion:198 Resp: 153

Ion Ratio Lower Upper

198 100

51 0.0 13.2 53.2#

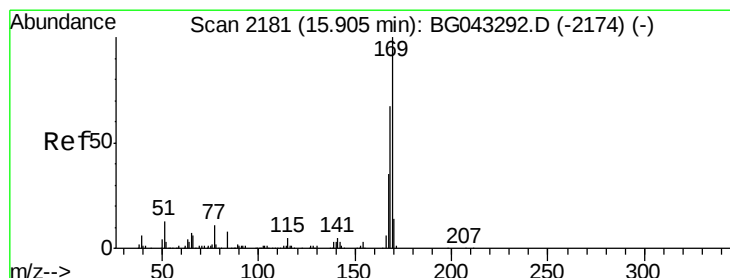
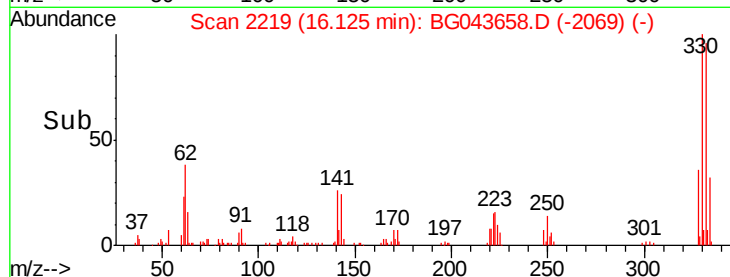
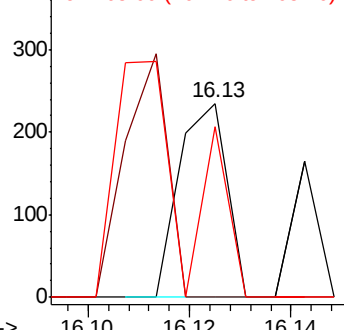
105 87.7 15.8 55.8#



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: 0.453 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.22 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

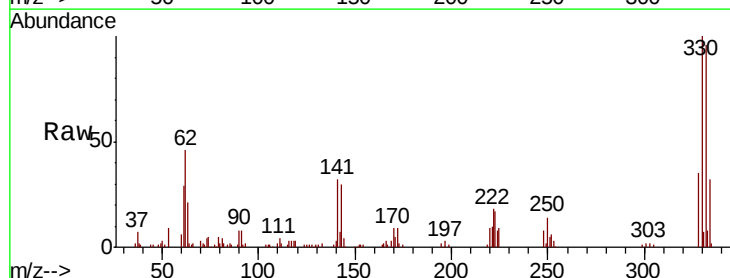
Tgt Ion:169 Resp: 2513

Ion Ratio Lower Upper

169 100

168 0.0 53.8 80.6#

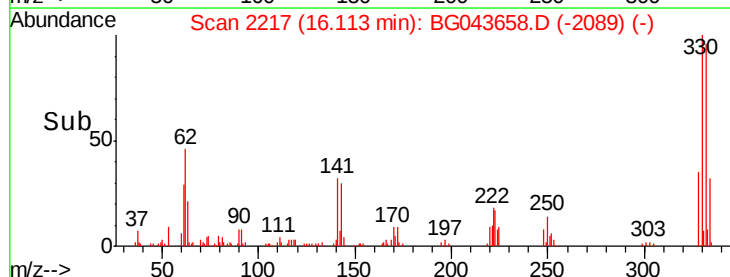
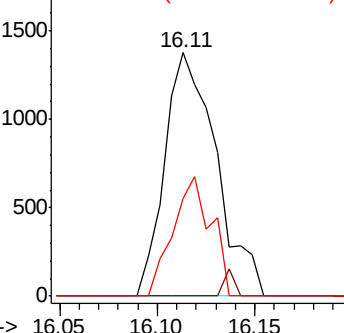
167 40.0 27.5 41.3

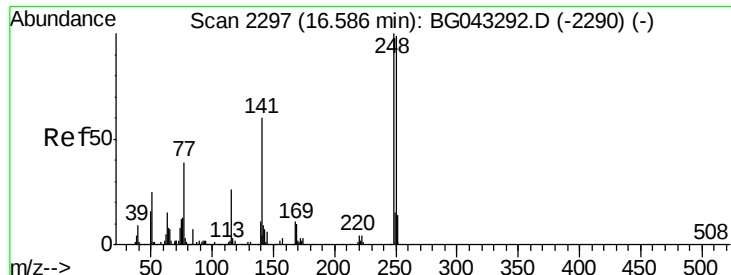


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

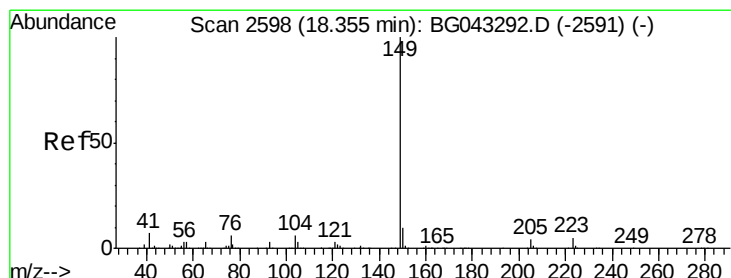
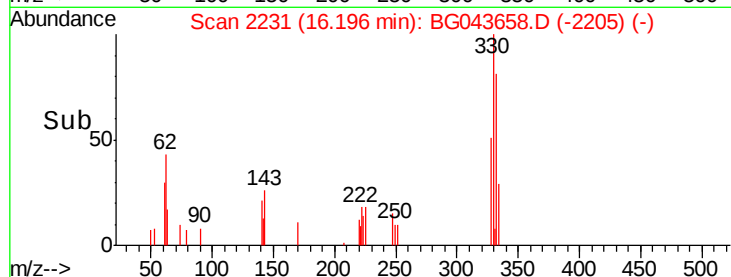
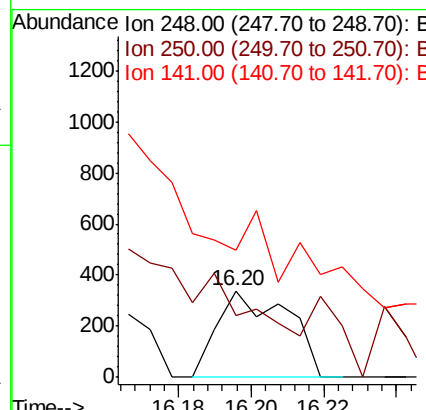
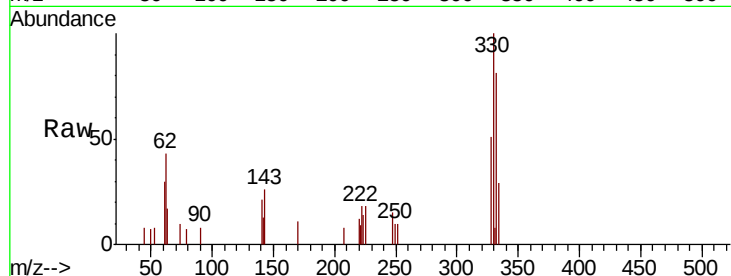




#67
 4-Bromophenyl-phenylether
 Concen: 0.171 ng
 RT: 16.20 min Scan# 2231
 Delta R.T. -0.38 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

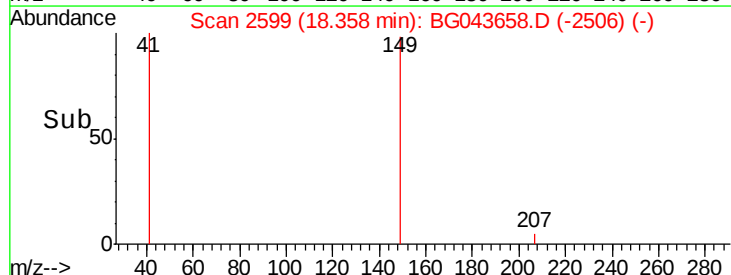
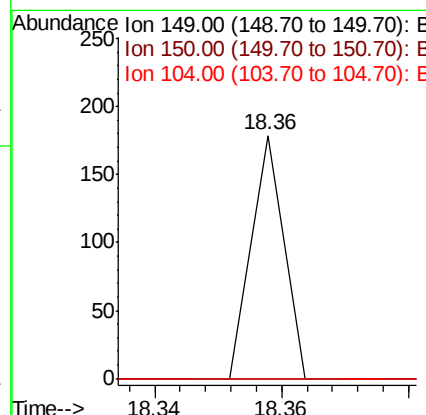
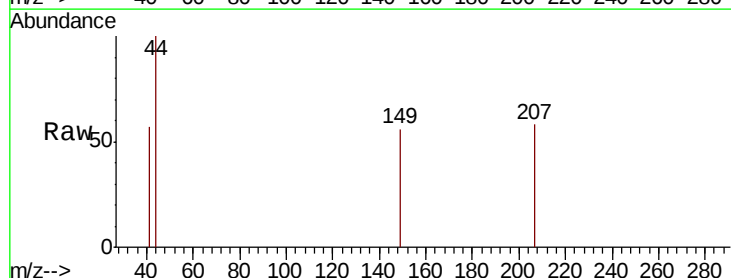
Instrument :
 BNA_G
 ClientSampleID :
 PB124785BL

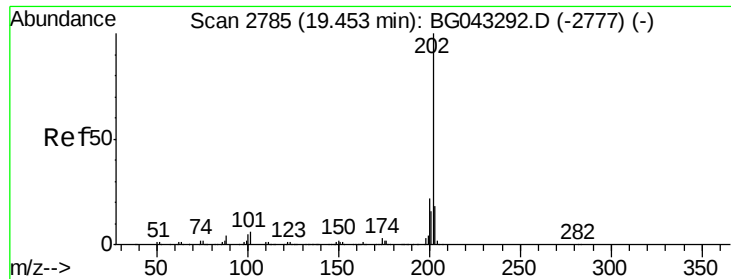
Tot Ion:248 Resp: 452
 Ion Ratio Lower Upper
 248 100
 250 71.1 77.0 115.4#
 141 146.0 47.5 71.3#



#74
 Di-n-butylphthalate
 Concen: 0.006 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. 0.02 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

Tgt Ion:149 Resp: 63
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.0 12.0#
 104 0.0 4.4 6.6#





#75

Fluoranthene

Concen: 0.006 ng

RT: 19.79 min Scan# 2842

Delta R.T. 0.34 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

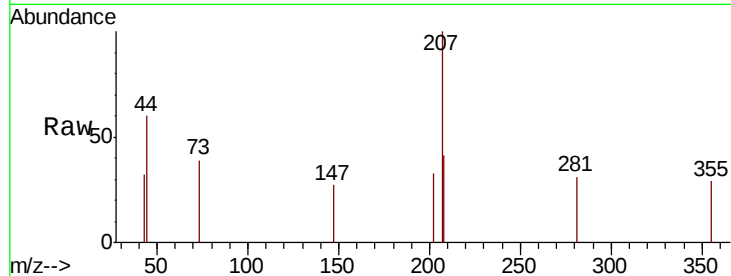
Tot Ion:202 Resp: 75

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.3

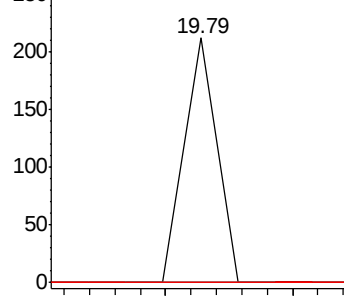
203 0.0 0.0 37.9



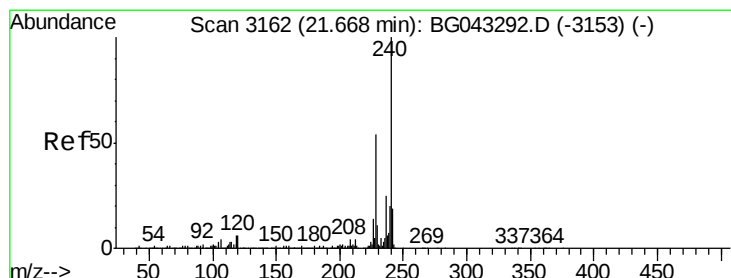
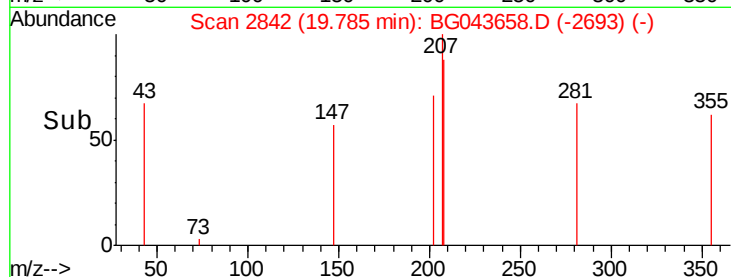
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

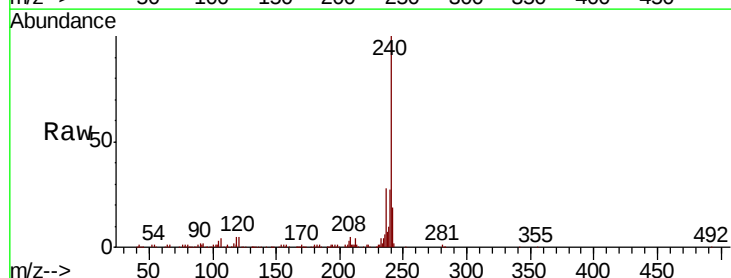
Tgt Ion:240 Resp: 213632

Ion Ratio Lower Upper

240 100

120 5.3 4.6 6.8

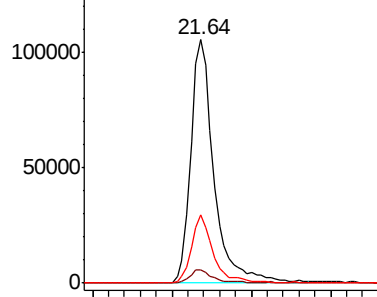
236 27.8 19.8 29.8



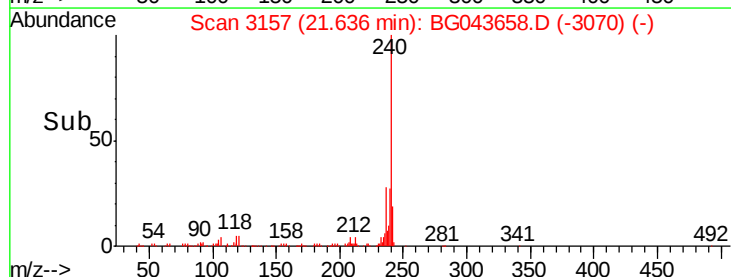
Abundance Ion 240.00 (239.70 to 240.70): E

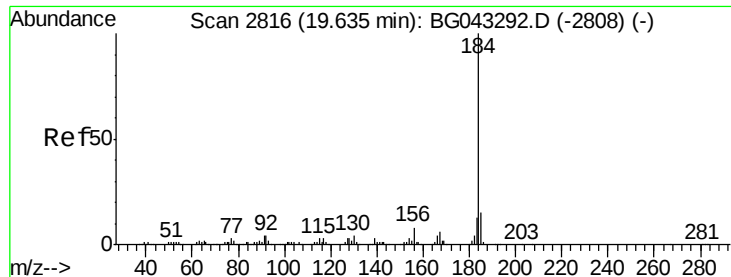
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 3.276 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.36 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

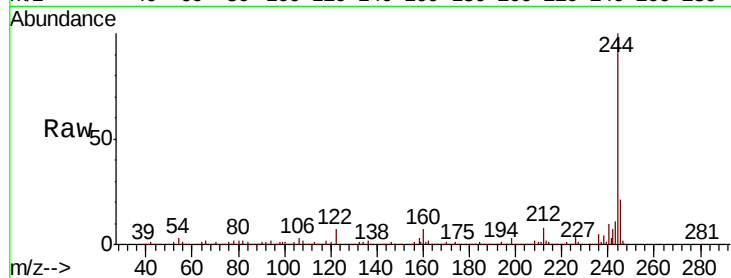
Tot Ion:184 Resp: 14087

Ion Ratio Lower Upper

184 100

185 16.7 11.0 16.4#

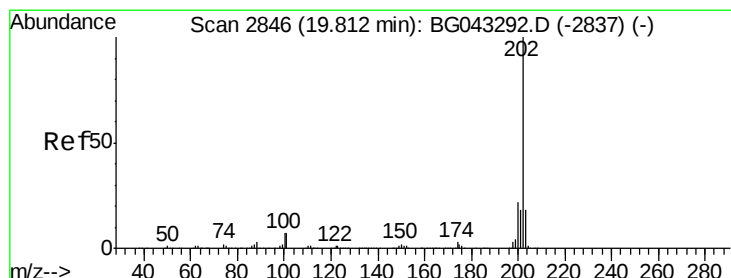
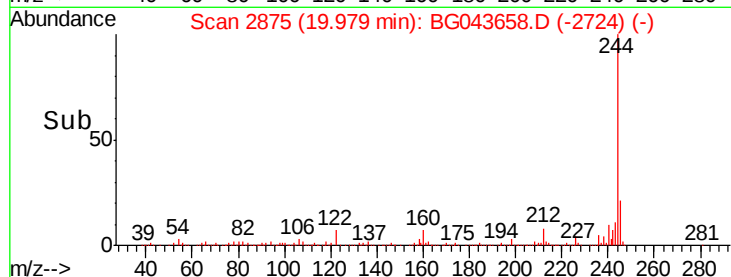
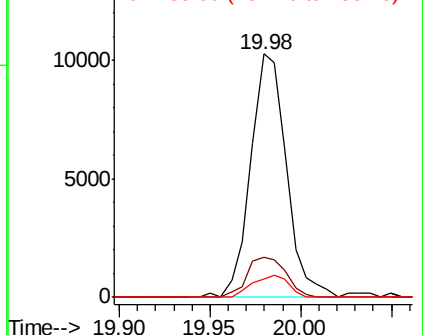
183 7.4 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.246 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.19 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

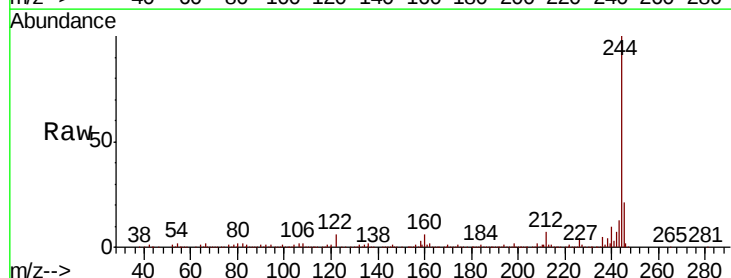
Tgt Ion:202 Resp: 3252

Ion Ratio Lower Upper

202 100

200 37.1 17.0 25.4#

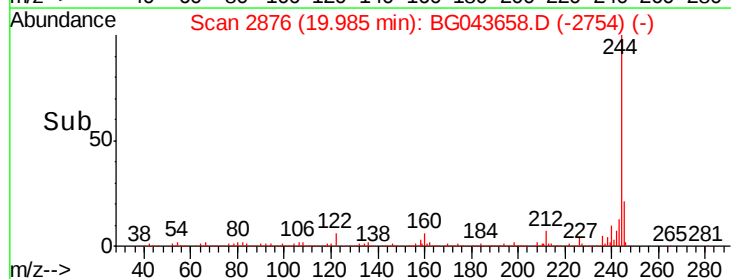
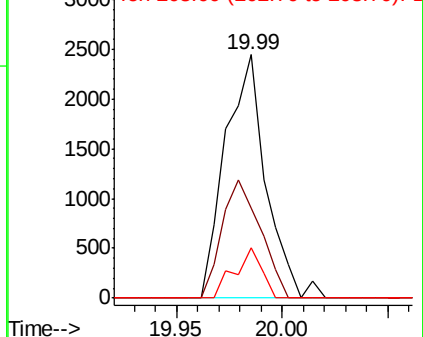
203 20.9 14.7 22.1

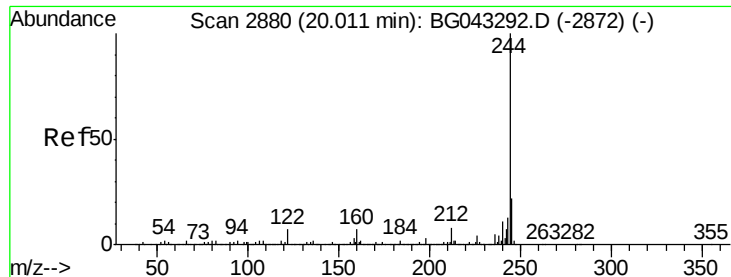


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.011 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

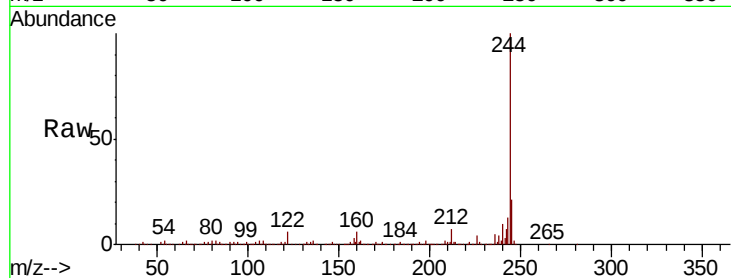
Tot Ion:244 Resp: 1013598

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

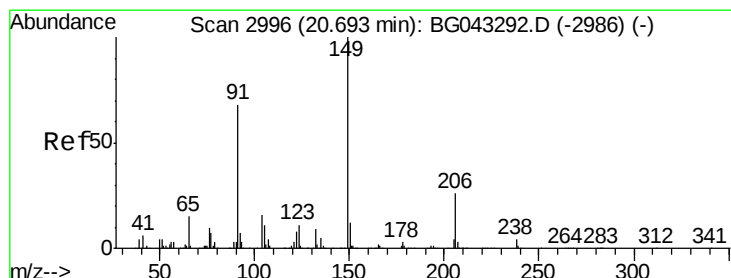
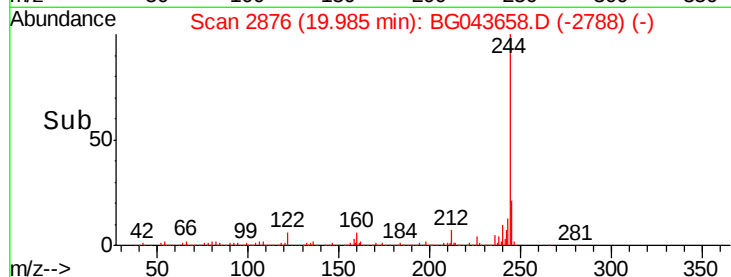
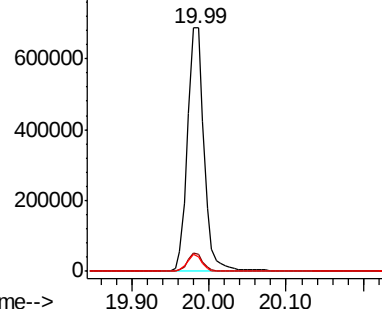
122 6.2 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.011 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

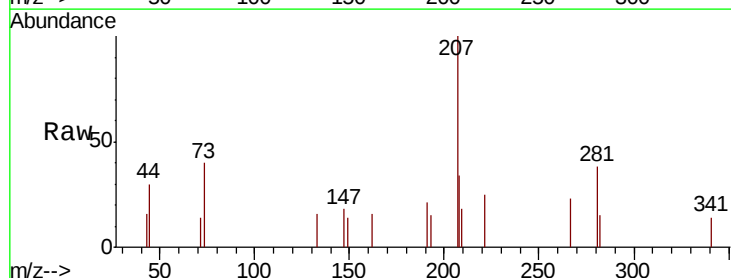
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

91 0.0 51.2 76.8#

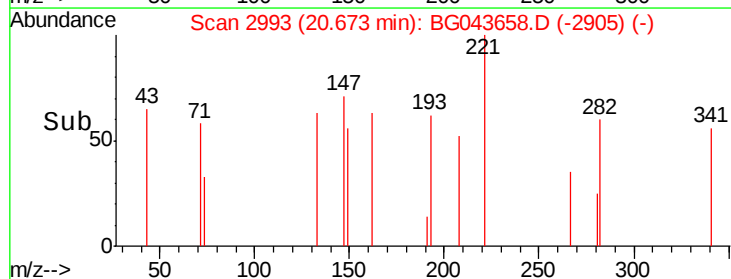
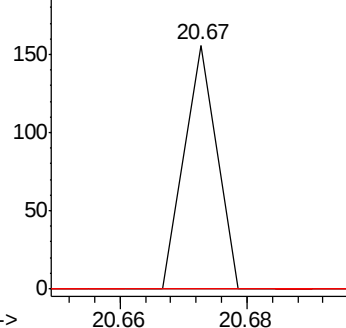
206 0.0 22.5 33.7#

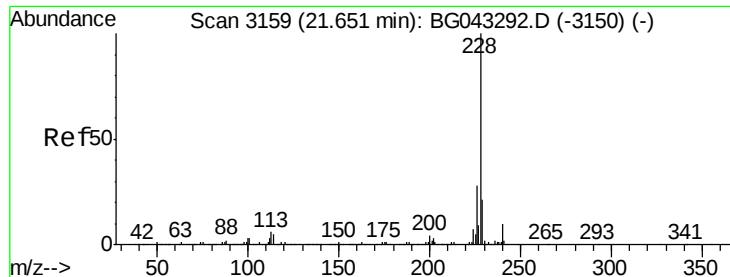


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.056 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

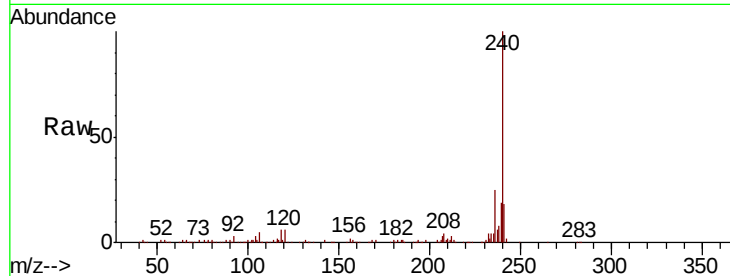
Tot Ion:228 Resp: 747

Ion Ratio Lower Upper

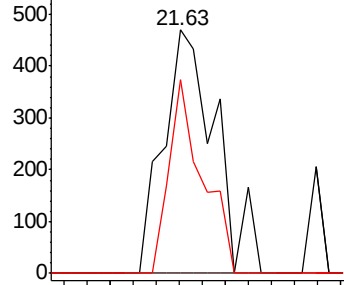
228 100

226 0.0 22.2 33.2#

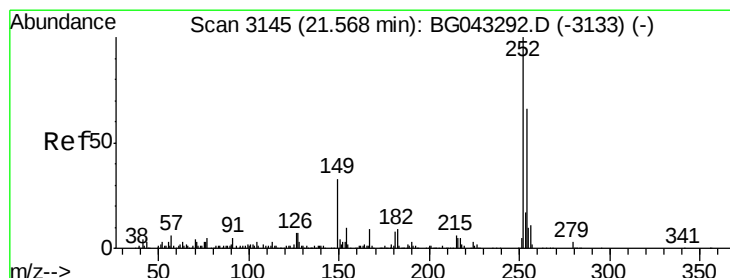
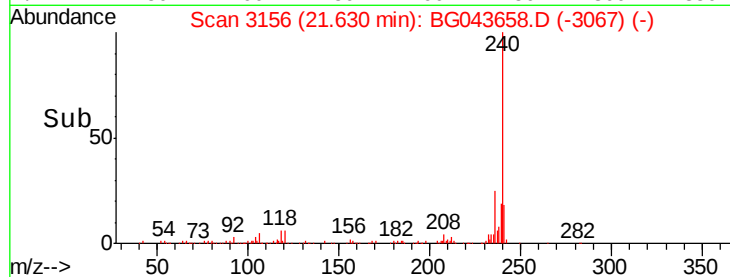
229 79.8 17.0 25.4#



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



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.013 ng

RT: 21.28 min Scan# 3096

Delta R.T. -0.27 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

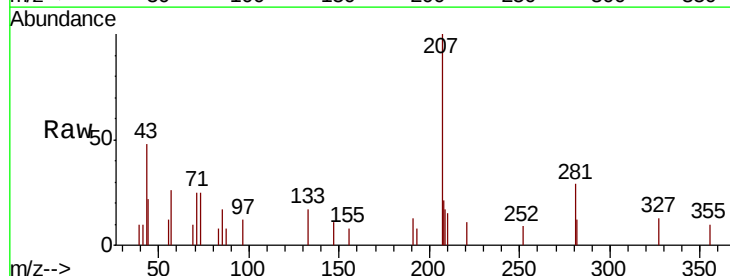
Tgt Ion:252 Resp: 65

Ion Ratio Lower Upper

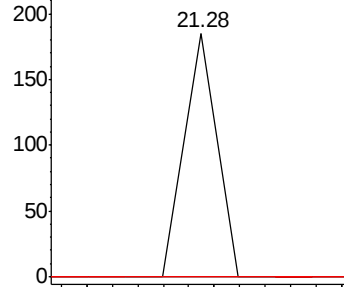
252 100

254 0.0 50.8 76.2#

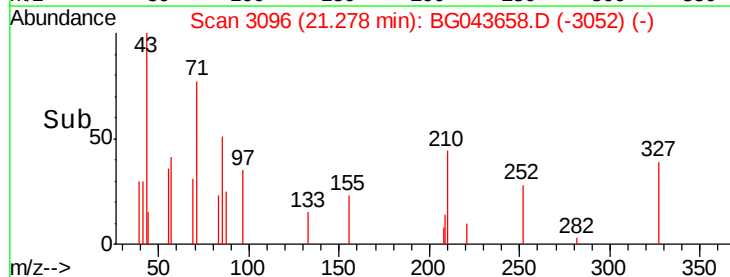
126 0.0 6.1 9.1#

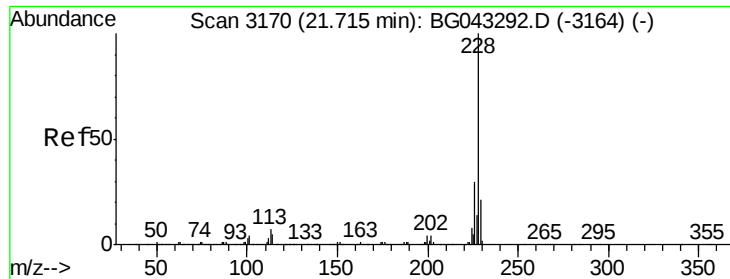


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 0.005 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

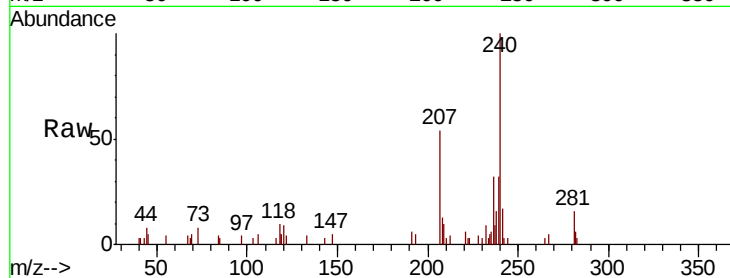
Tot Ion:228 Resp: 73

Ion Ratio Lower Upper

228 100

226 0.0 25.1 37.7#

229 0.0 17.0 25.4#

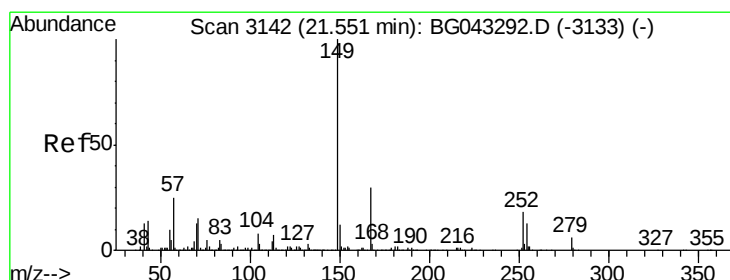
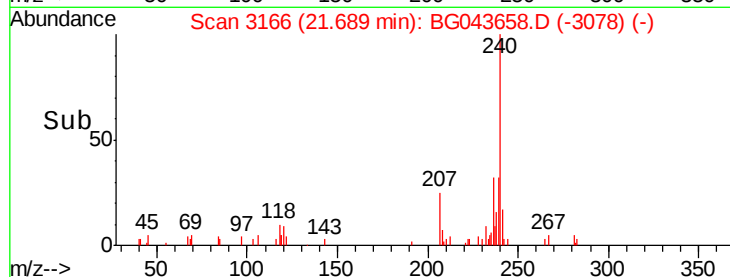
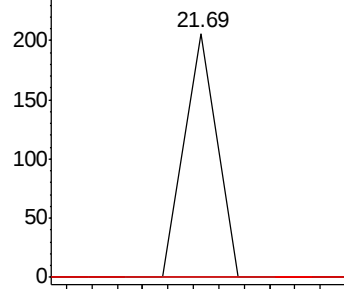


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.090 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

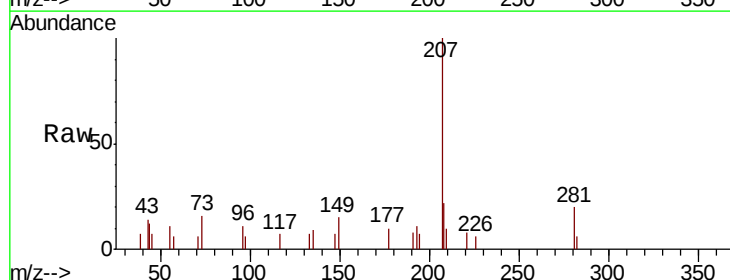
Tgt Ion:149 Resp: 639

Ion Ratio Lower Upper

149 100

167 0.0 24.0 36.0#

279 0.0 5.4 8.2#

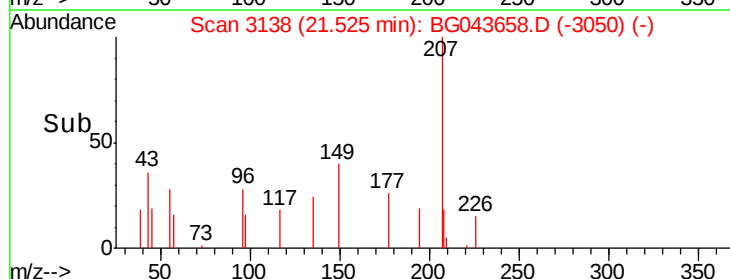
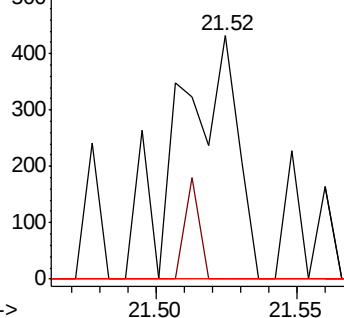


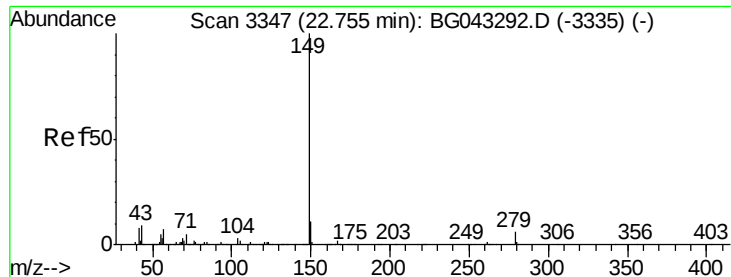
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.032 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

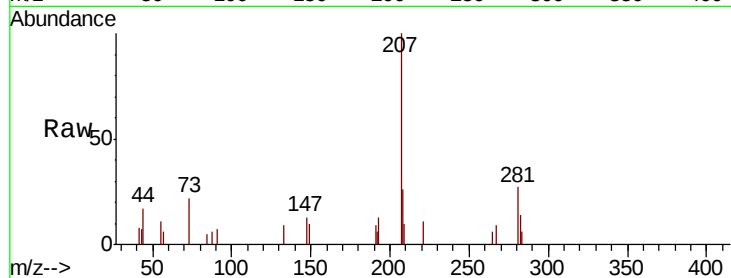
Tot Ion:149 Resp: 390

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

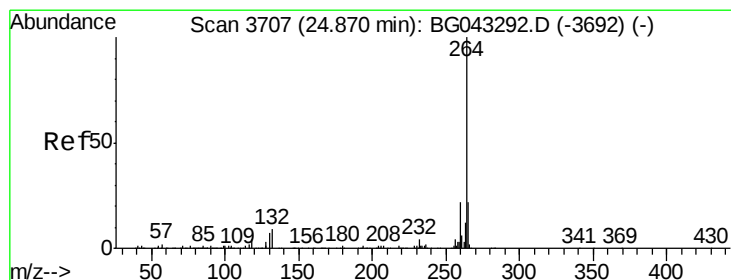
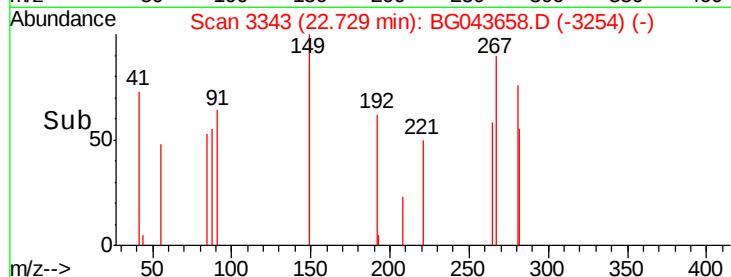
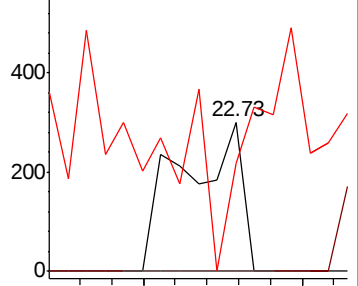
43 167.4 7.0 10.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

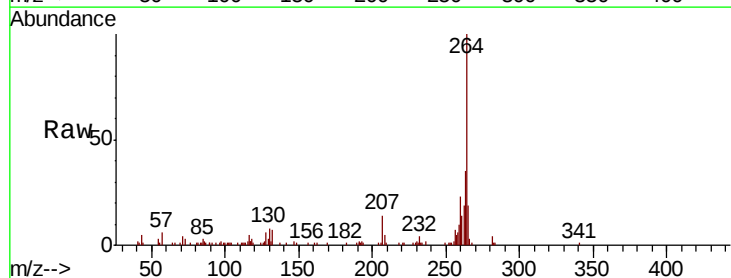
Tgt Ion:264 Resp: 79557

Ion Ratio Lower Upper

264 100

260 22.6 17.5 26.3

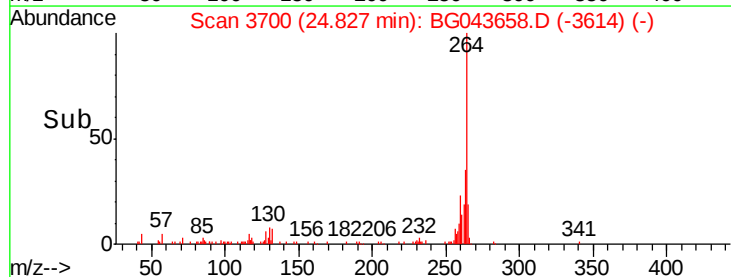
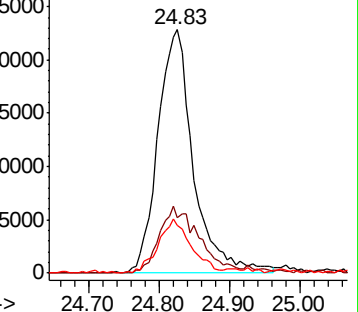
265 19.5 17.4 26.0

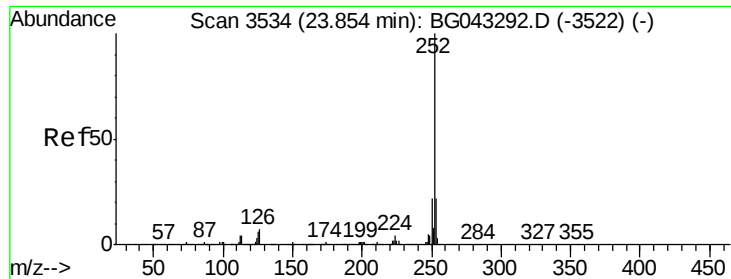


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.014 ng

RT: 23.80 min Scan# 3526

Delta R.T. -0.04 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

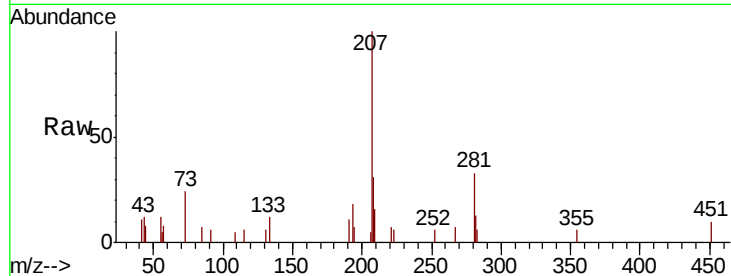
Tot Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

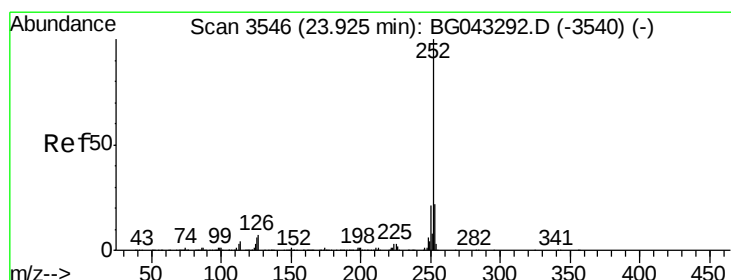
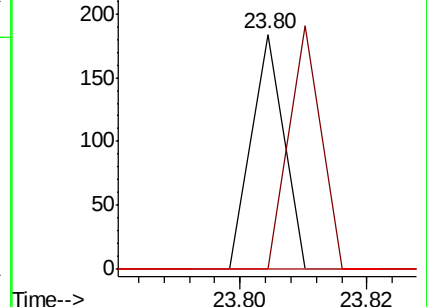
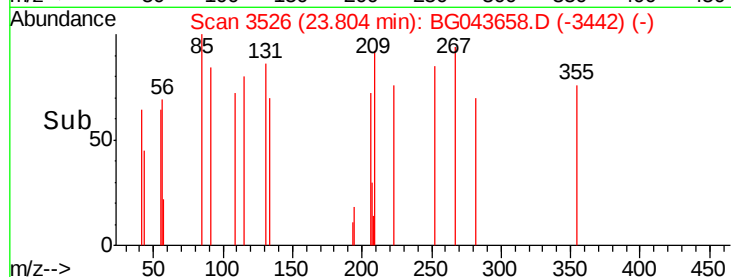
125 0.0 4.5 6.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.032 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

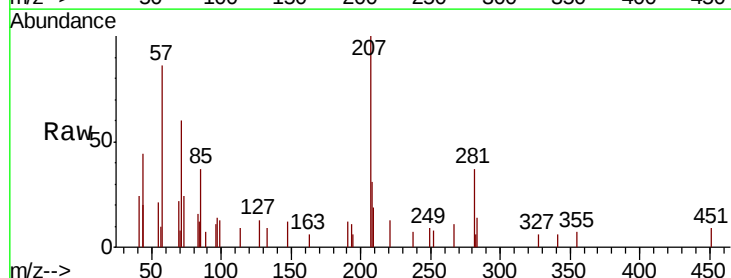
Tgt Ion:252 Resp: 145

Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

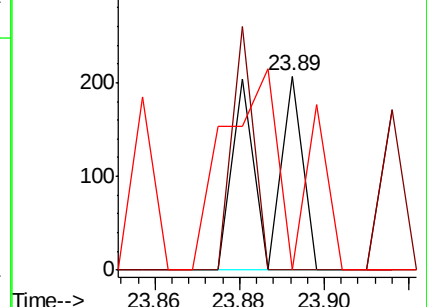
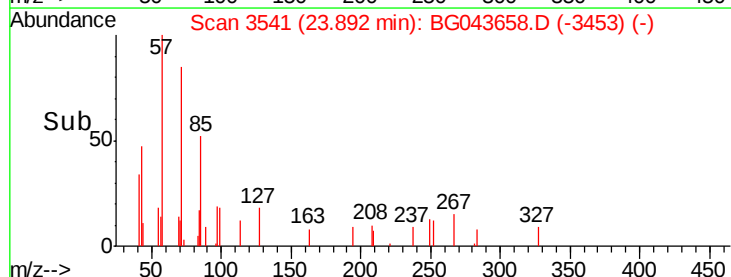
125 0.0 4.6 6.8#

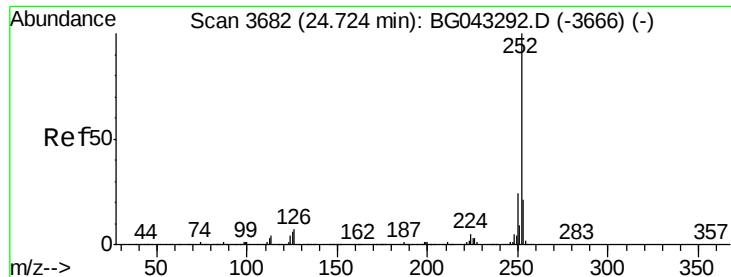


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.020 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

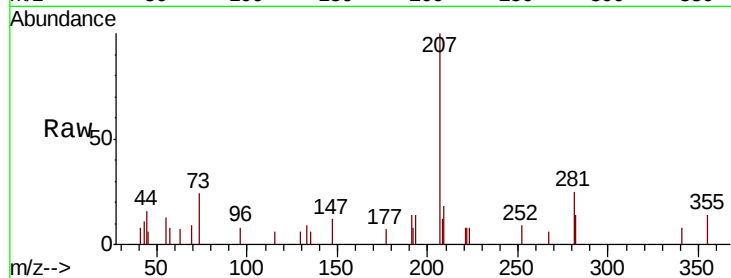
Tot Ion: 252 Resp: 87

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 5.4 8.2#



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

