

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043661.D
 Acq On : 15 Nov 2019 21:50
 Operator : JU
 Sample : PB124780BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

Quant Time: Nov 16 01:13:47 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	20931	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	75883	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	55462	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	152080	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	188672	20.00	ng	-0.02
87) Perylene-d12	24.82	264	215160	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	164348	143.88	ng	0.00
7) Phenol-d6	7.19	99	218683	133.07	ng	0.00
23) Nitrobenzene-d5	9.16	82	131178	89.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	138744	131.46	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	363667	90.61	ng	-0.02
79) Terphenyl-d14	19.98	244	972661	96.72	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	4203	9.442	ng	# 1
3) Pyridine	3.87	79	56	0.050	ng	# 22
4) n-Nitrosodimethylamine	3.79	42	223	0.394	ng	# 1
6) Aniline	7.33	93	505	0.267	ng	# 79
8) 2-Chlorophenol	7.62	128	60	0.048	ng	# 36
9) Benzaldehyde	7.16	77	71	0.088	ng	# 5
10) Phenol	7.53	94	169	0.113	ng	# 1
11) bis(2-Chloroethyl)ether	7.33	93	505	0.435	ng	# 21
15) Benzyl Alcohol	8.31	79	2366	2.050	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	8.53	45	58	0.034	ng	# 66
19) n-Nitroso-di-n-propylamine	9.16	70	18499	17.420	ng	# 76
24) Nitrobenzene	9.16	77	348	0.248	ng	# 40
25) Isophorone	9.56	82	360	0.134	ng	# 64
46) 1,1'-Biphenyl	13.47	154	695	0.165	ng	# 86
48) 2-Nitroaniline	13.79	65	58	0.060	ng	# 5
51) 2,6-Dinitrotoluene	14.62	165	7697	8.247	ng	# 25
52) Acenaphthene	14.63	154	65	0.021	ng	# 6
55) Dibenzofuran	15.06	168	60	0.012	ng	# 44
56) 4-Nitrophenol	15.14	139	53	0.088	ng	# 1
57) 2,4-Dinitrotoluene	14.62	165	7697	5.771	ng	# 28
58) Fluorene	16.11	166	3755	0.906	ng	# 95
60) Diethylphthalate	15.44	149	66	0.015	ng	# 56
63) Azobenzene	16.11	77	531	0.152	ng	# 48
65) 4,6-Dinitro-2-methylphenol	16.13	198	67	0.075	ng	# 13
66) n-Nitrosodiphenylamine	16.12	169	3946	0.919	ng	# 47
67) 4-Bromophenyl-phenylether	16.12	248	9197	4.494	ng	# 1
71) Phenanthrene	17.42	178	93	0.012	ng	# 60
72) Anthracene	17.42	178	93	0.012	ng	# 59
74) Di-n-butylphthalate	18.35	149	662	0.077	ng	# 77
75) Fluoranthene	19.44	202	138	0.014	ng	# 65
77) Benzidine	19.61	184	120674	31.781	ng	# 97
78) Pyrene	19.98	202	3303	0.283	ng	# 73
80) Butylbenzylphthalate	20.69	149	97	0.022	ng	# 81
81) Benzo(a)anthracene	21.63	228	822	0.070	ng	# 50

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 Response via : Initial Calibration

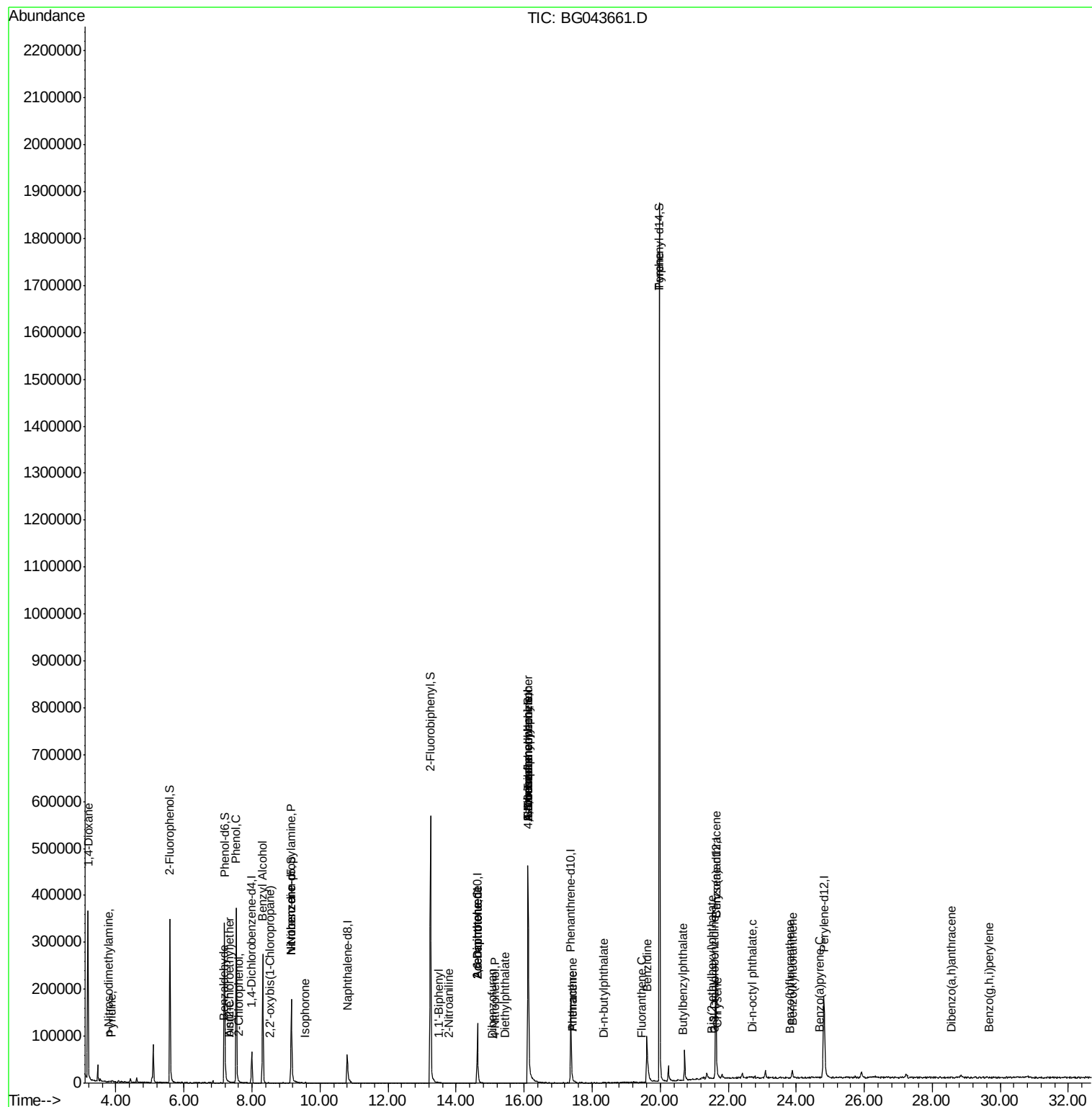
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	21.58	252	475	0.104	nq	# 77
83) Chrysene	21.69	228	330	0.028	nq	# 48
84) Bis(2-ethylhexyl)phthalate	21.52	149	1005	0.160	nq	# 81
85) Di-n-octyl phthalate	22.72	149	112	0.011	nq	# 79
88) Benzo(b)fluoranthene	23.80	252	81	0.007	nq	# 60
89) Benzo(k)fluoranthene	23.89	252	141	0.011	nq	# 60
90) Benzo(a)pyrene	24.70	252	71	0.006	nq	# 60
91) Dibenzo(a,h)anthracene	28.56	278	54	0.005	nq	# 58
92) Benzo(a,h,i)perylene	29.67	276	63	0.005	nq	# 58

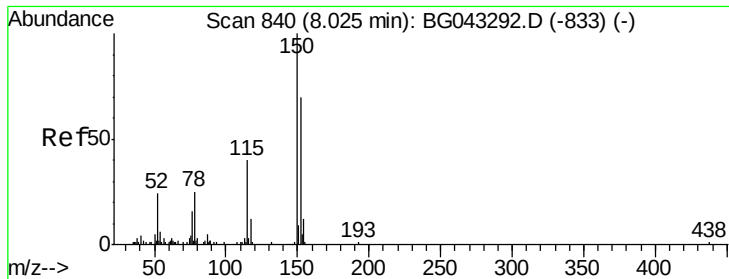
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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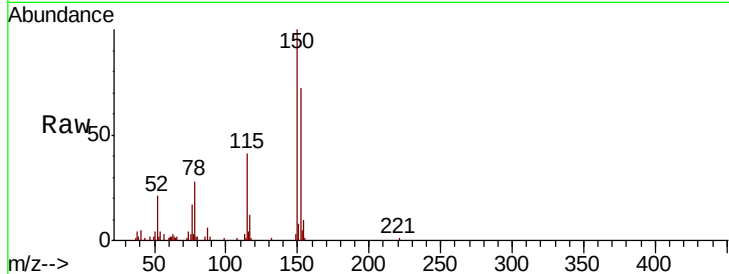


#1

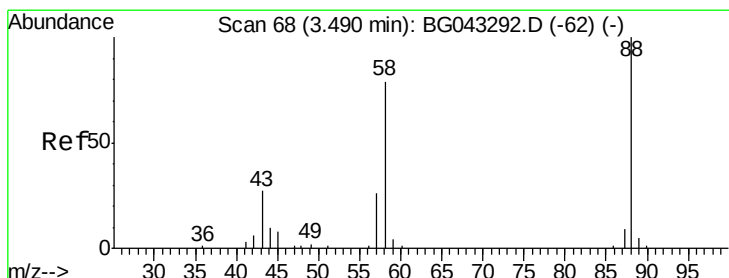
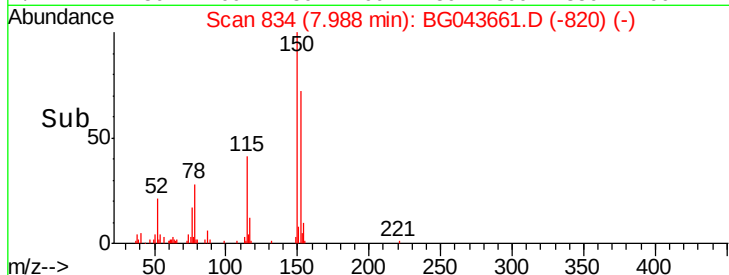
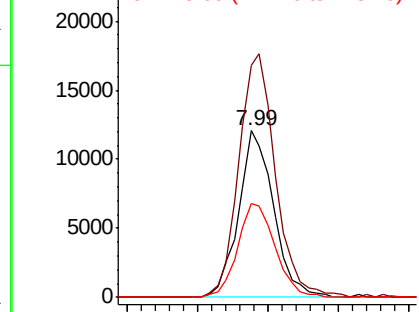
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Instrument :
BNA_G
ClientSampleId :
PB124780BL

Tot Ion:152 Resp: 20931
Ion Ratio Lower Upper
152 100
150 139.0 129.4 194.0
115 56.6 48.8 73.2



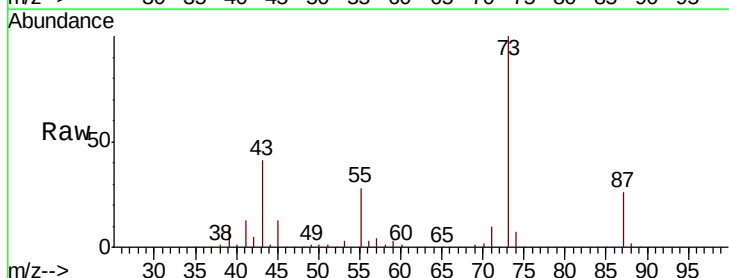
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



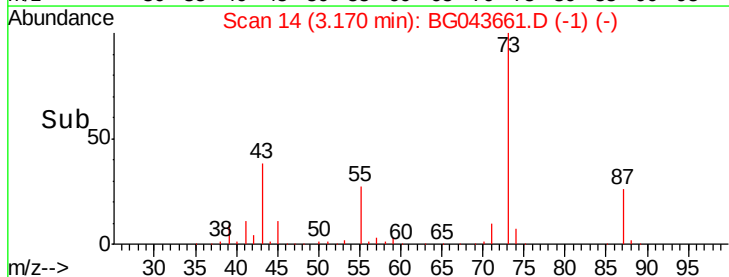
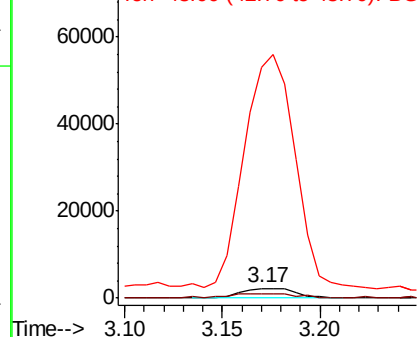
#2

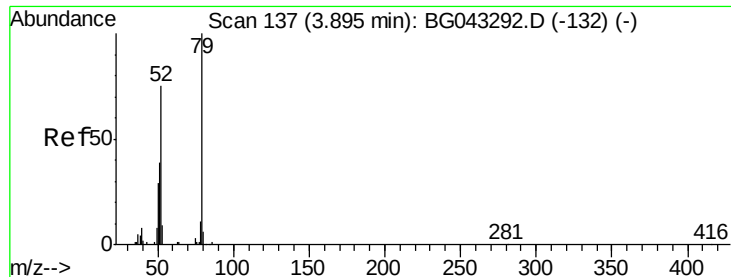
1,4-Dioxane
Concen: 9.442 ng
RT: 3.17 min Scan# 14
Delta R.T. -0.30 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Tgt Ion: 88 Resp: 4203
Ion Ratio Lower Upper
88 100
58 68.0 62.7 94.1
43 2302.9 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: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

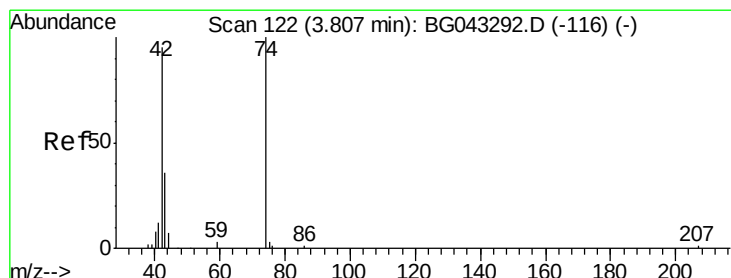
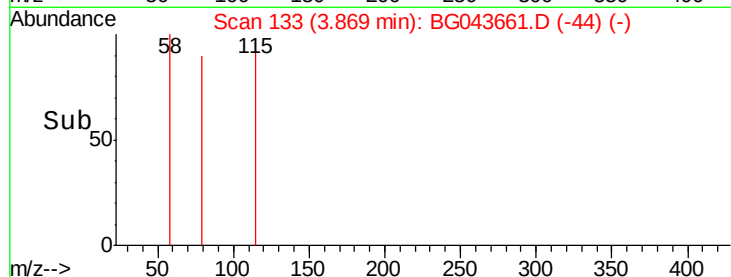
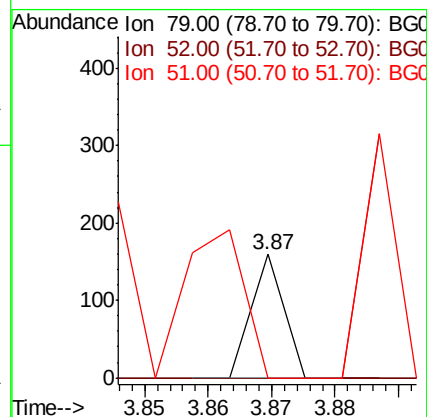
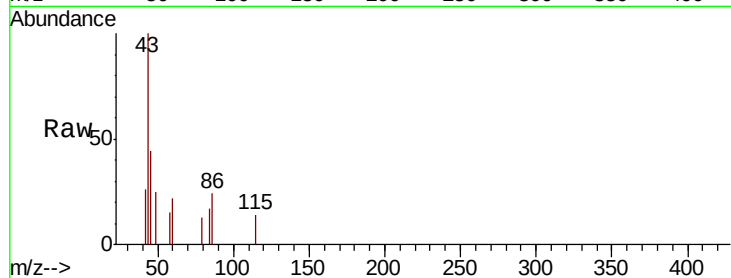
Tot Ion: 79 Resp: 56

Ion Ratio Lower Upper

79 100

52 0.0 56.5 84.7#

51 0.0 33.2 49.8#



#4

n-Nitrosodimethylamine

Concen: 0.394 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

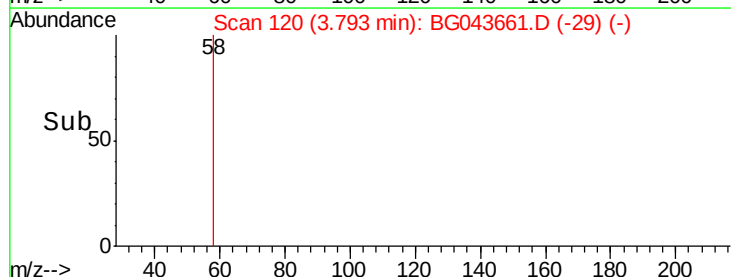
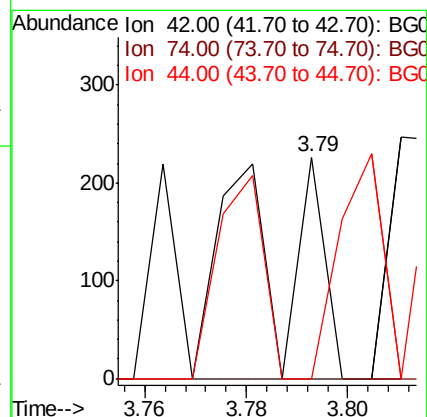
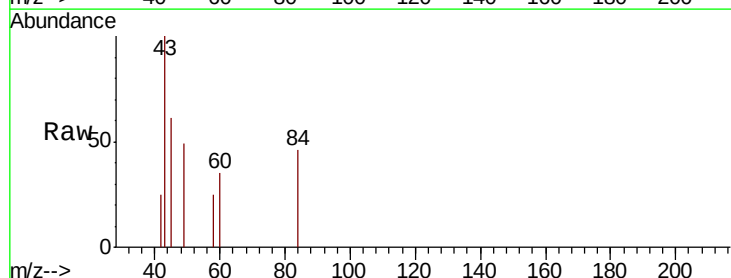
Tgt Ion: 42 Resp: 223

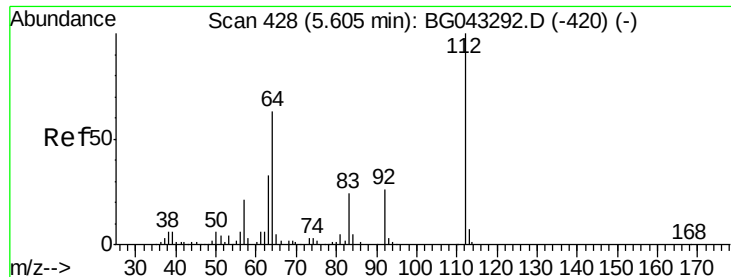
Ion Ratio Lower Upper

42 100

74 0.0 97.3 145.9#

44 0.0 4.4 6.6#





#5

2-Fluorophenol

Concen: 143.882 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

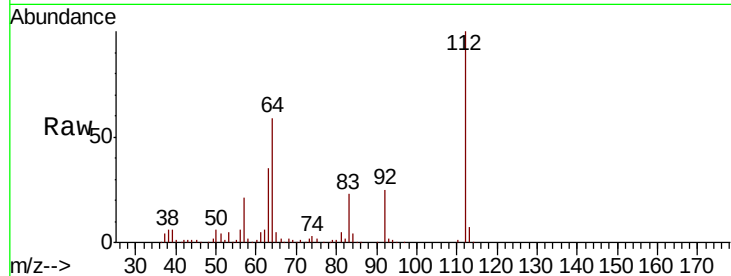
Tot Ion:112 Resp: 164348

Ion Ratio Lower Upper

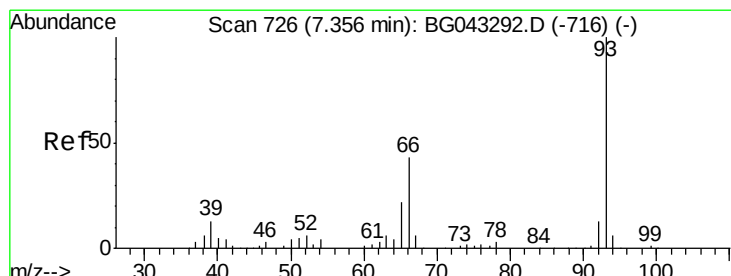
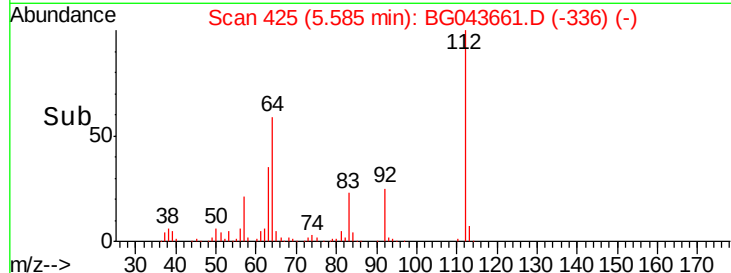
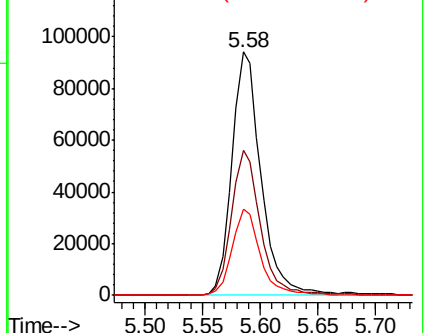
112 100

64 59.4 50.0 75.0

63 35.4 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.267 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

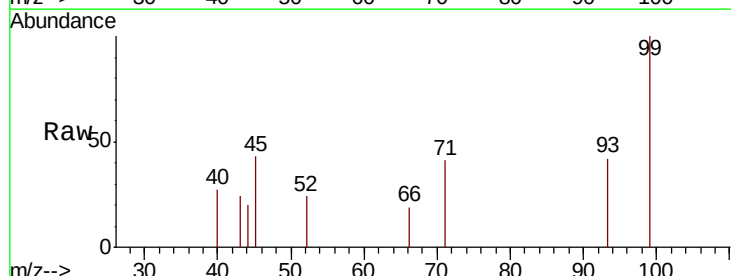
Tgt Ion: 93 Resp: 505

Ion Ratio Lower Upper

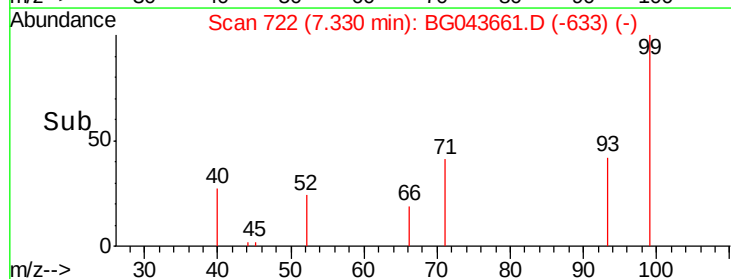
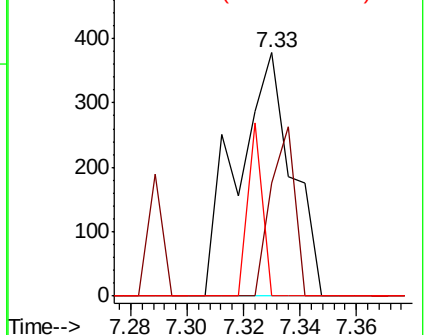
93 100

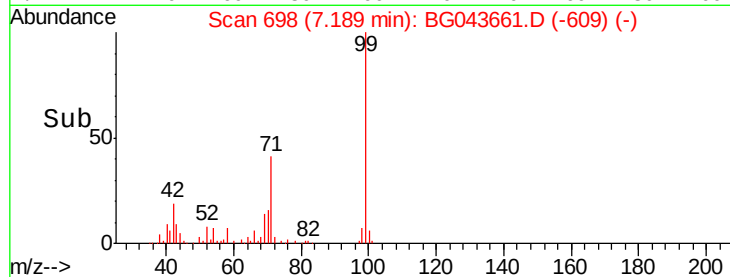
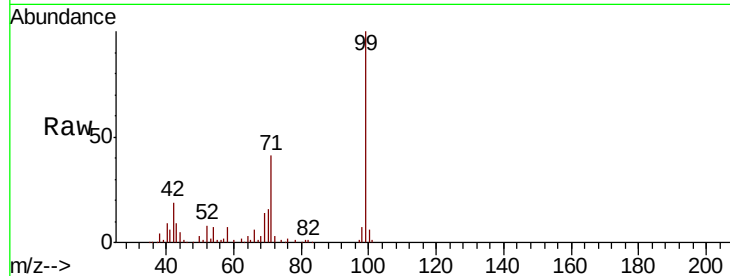
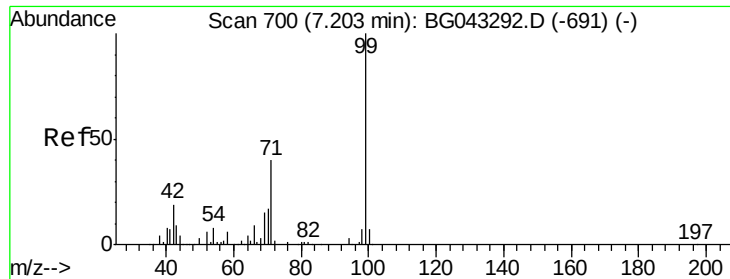
66 46.3 32.3 48.5

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: 133.066 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

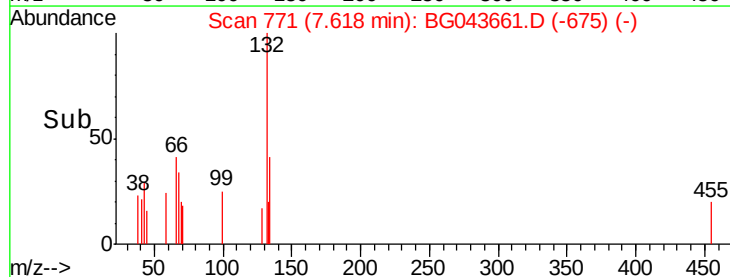
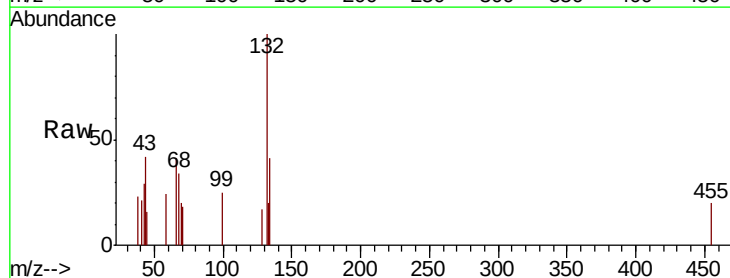
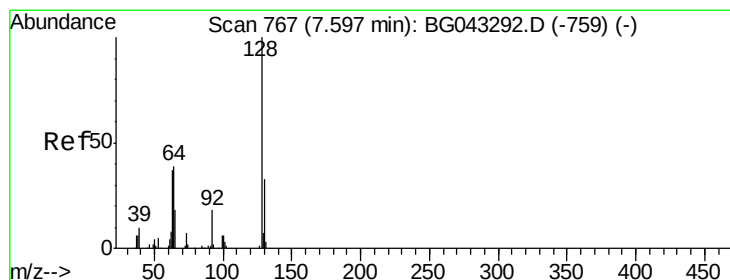
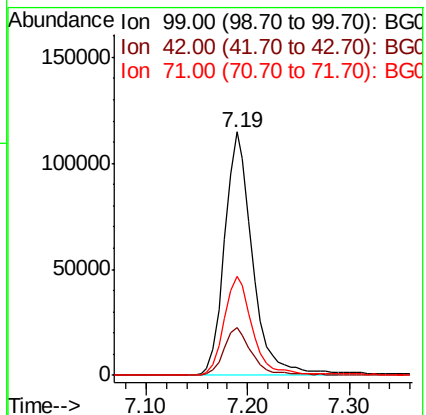
Tot Ion: 99 Resp: 218683

Ion Ratio Lower Upper

99 100

42 19.4 14.6 21.8

71 40.8 32.5 48.7



#8

2-Chlorophenol

Concen: 0.048 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.03 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

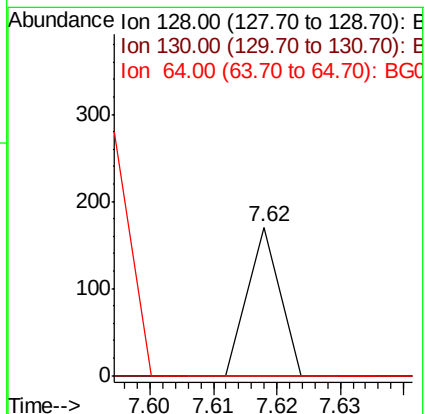
Tgt Ion: 128 Resp: 60

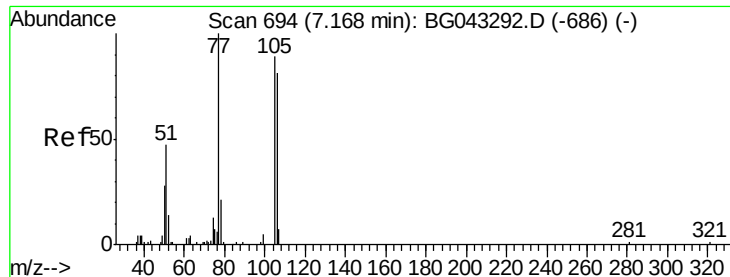
Ion Ratio Lower Upper

128 100

130 0.0 12.5 52.5#

64 0.0 25.3 65.3#





#9

Benzaldehyde

Concen: 0.088 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleID :

PB124780BL

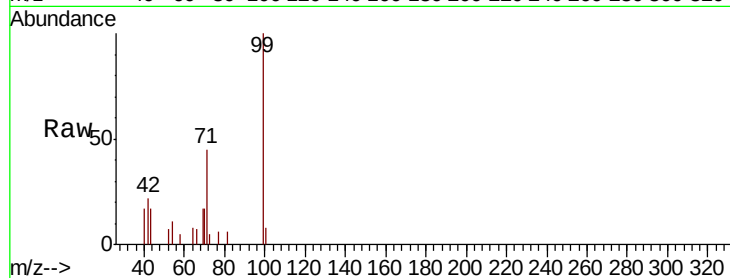
Tot Ion: 77 Resp: 71

Ion Ratio Lower Upper

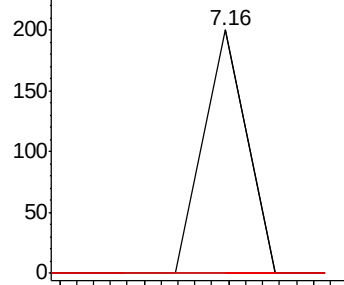
77 100

105 0.0 68.6 108.6#

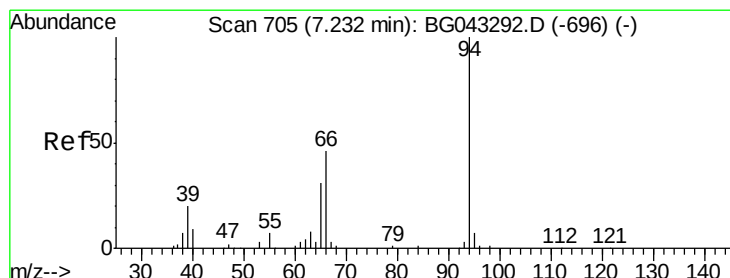
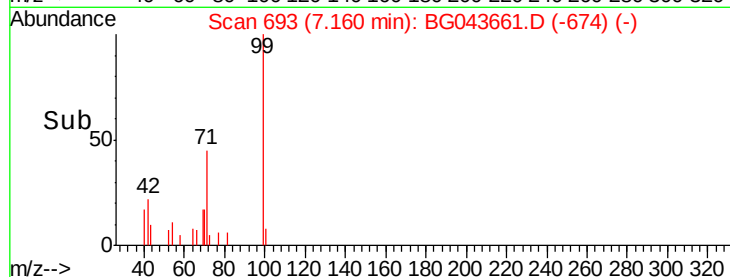
106 0.0 69.9 109.9#



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



Time--> 7.14 7.15 7.16 7.17



#10

Phenol

Concen: 0.113 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.31 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

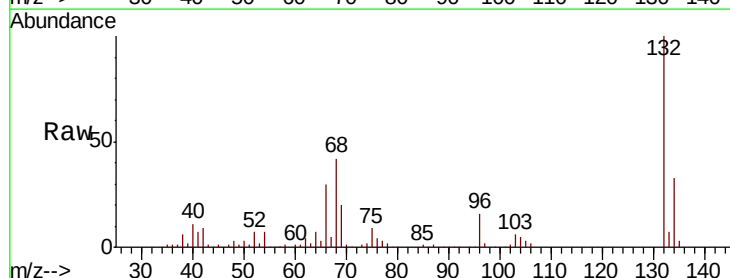
Tgt Ion: 94 Resp: 169

Ion Ratio Lower Upper

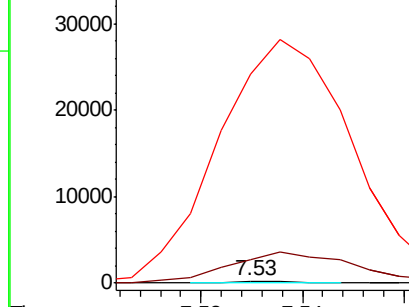
94 100

65 1120.3 12.6 52.6#

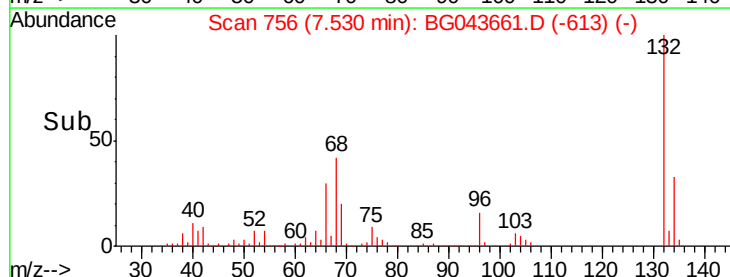
66 10028.2 30.7 70.7#

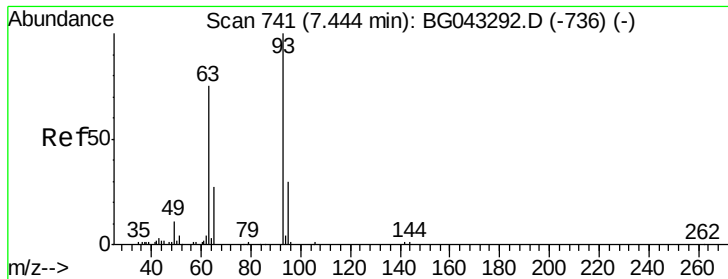


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.52 7.54

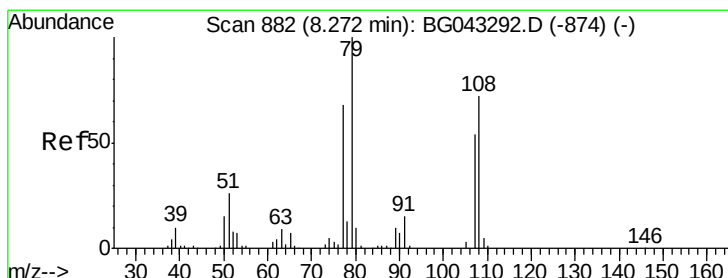
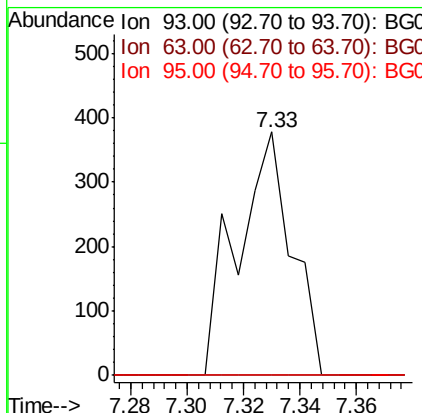
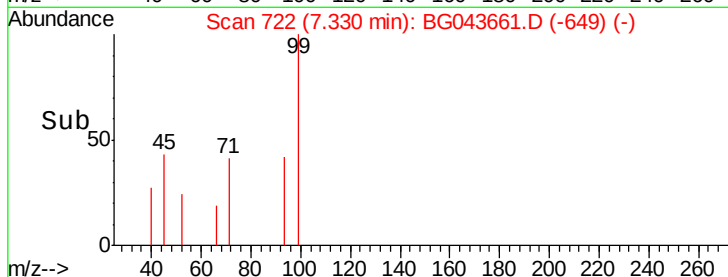
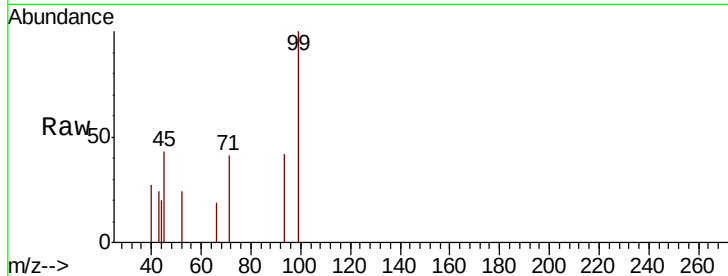




#11
bis(2-Chloroethyl)ether
Concen: 0.435 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.10 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

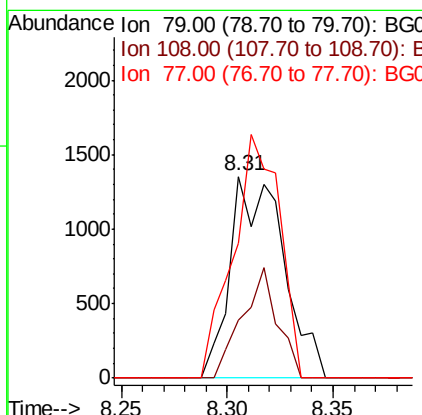
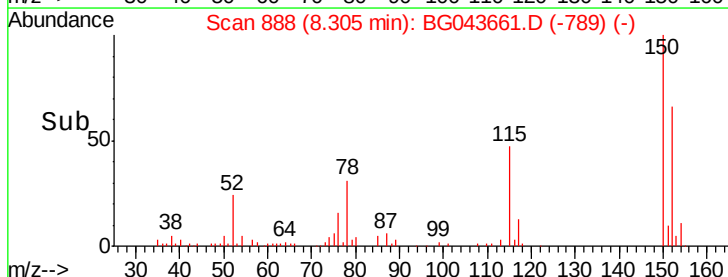
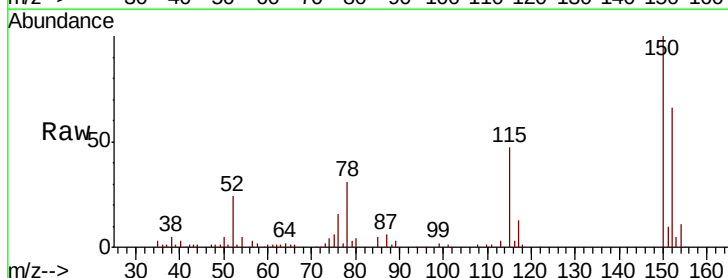
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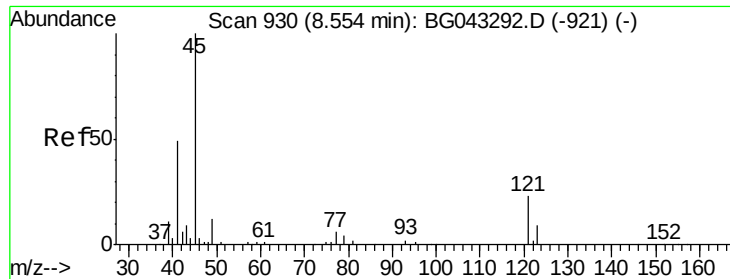
Tot Ion: 93 Resp: 505
Ion Ratio Lower Upper
93 100
63 0.0 56.3 96.3#
95 0.0 12.2 52.2#



#15
Benzyl Alcohol
Concen: 2.050 ng
RT: 8.31 min Scan# 888
Delta R.T. 0.05 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Tgt Ion: 79 Resp: 2366
Ion Ratio Lower Upper
79 100
108 28.6 53.6 80.4#
77 66.8 49.6 74.4

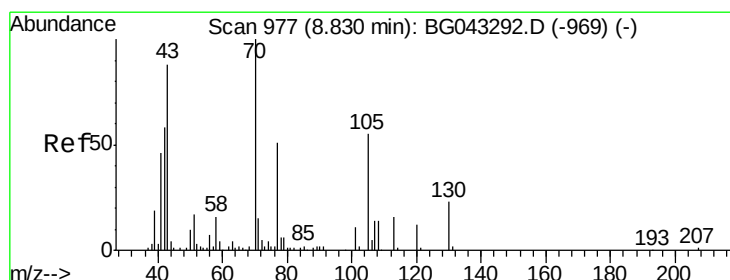
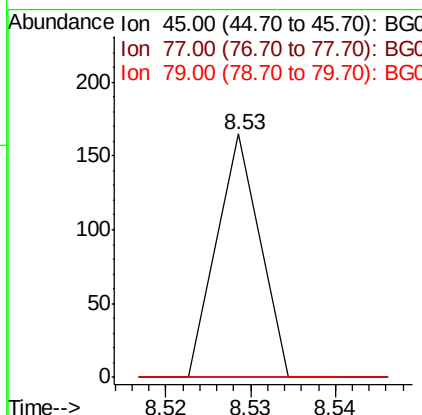
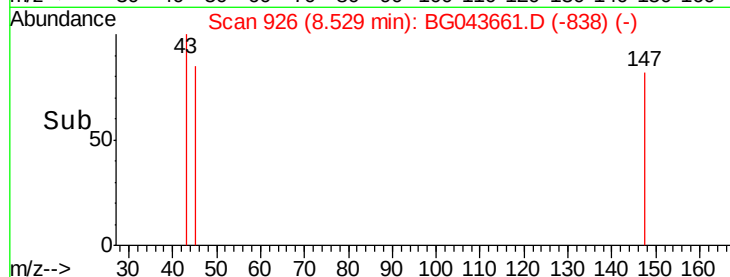
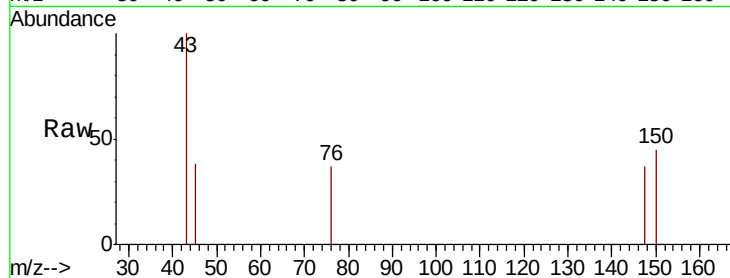




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.034 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG043661.D
 Acq: 15 Nov 2019 21:50

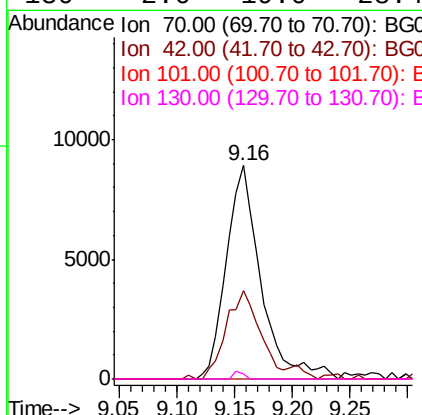
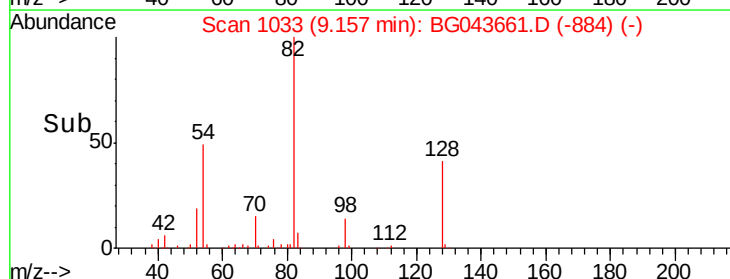
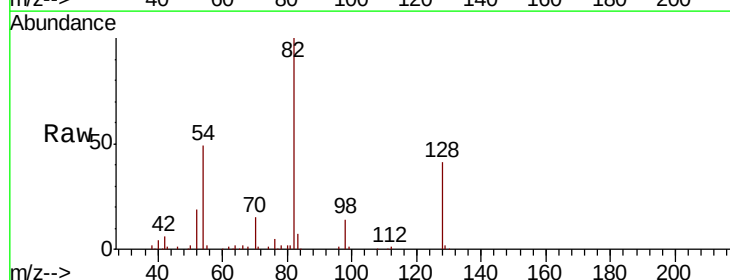
Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

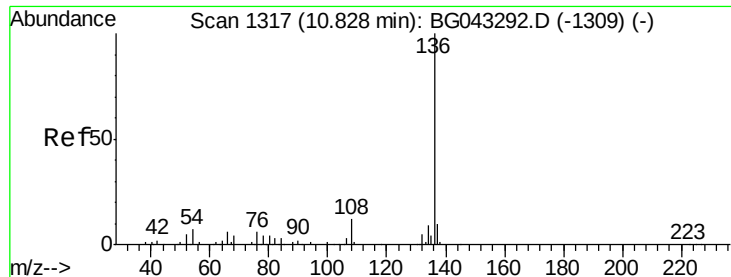
Tot Ion:	45	Resp:	58
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	34.9
79	0.0	0.0	33.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.420 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.34 min
 Lab File: BG043661.D
 Acq: 15 Nov 2019 21:50

Tgt Ion:	70	Resp:	18499
Ion	Ratio	Lower	Upper
70	100		
42	41.3	41.4	62.2#
101	0.0	7.9	11.9#
130	2.6	19.0	28.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

Tot Ion:136 Resp: 75883

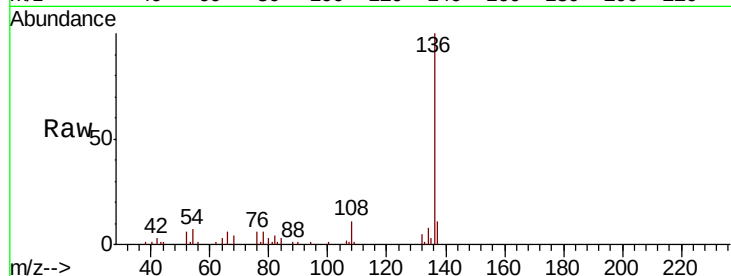
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.3 5.4 8.2

68 4.0 3.0 4.4

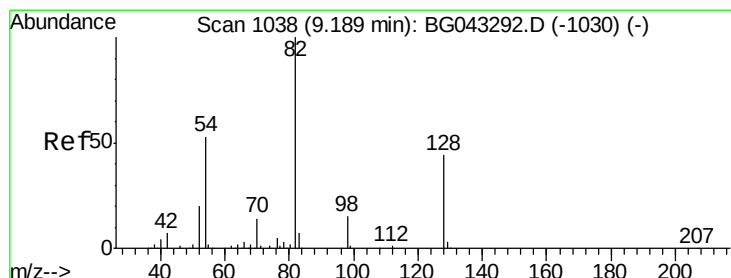
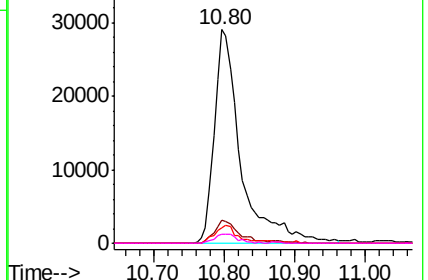
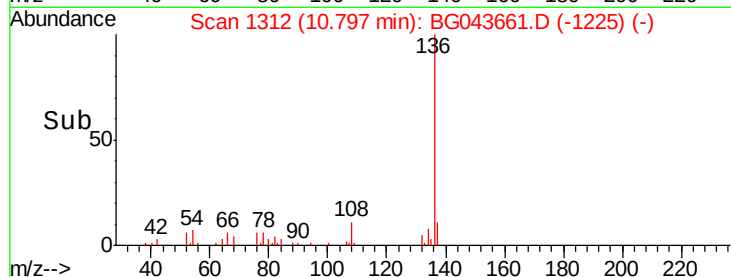


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 89.122 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

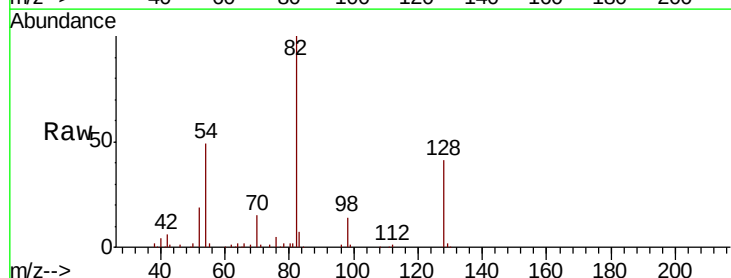
Tgt Ion: 82 Resp: 131178

Ion Ratio Lower Upper

82 100

128 41.4 35.0 52.6

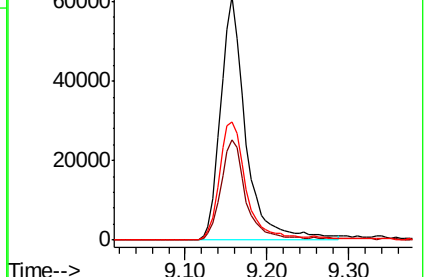
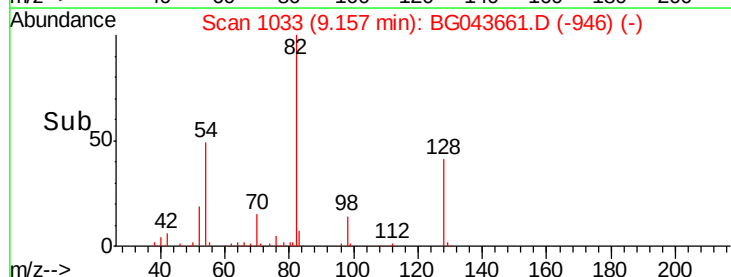
54 48.5 40.2 60.2

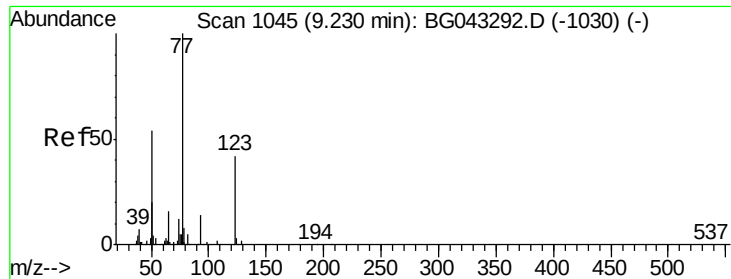


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

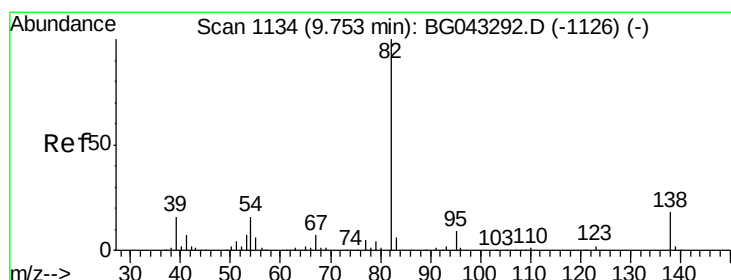
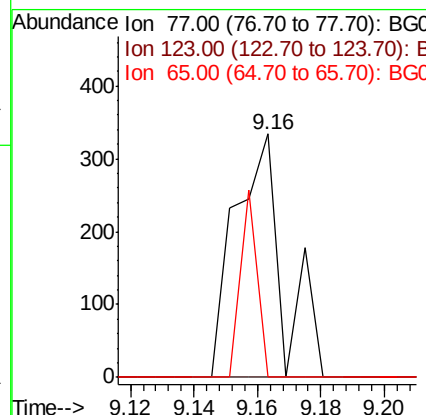
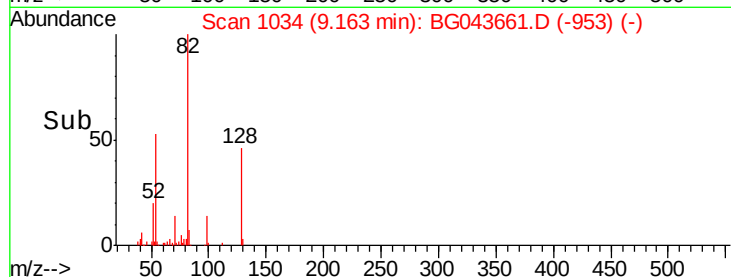
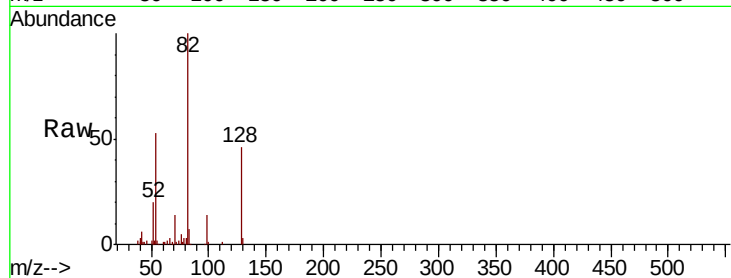




#24
 Nitrobenzene
 Concen: 0.248 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BG043661.D
 Acq: 15 Nov 2019 21:50

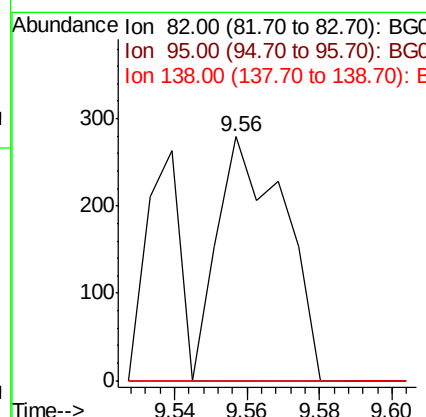
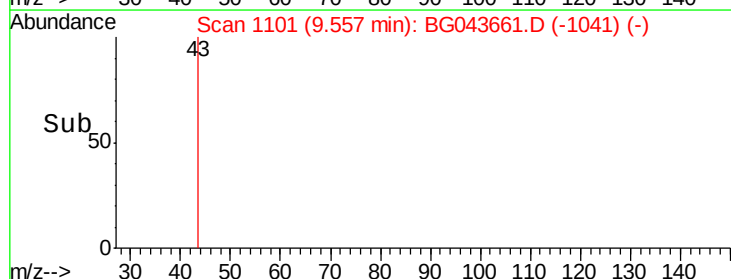
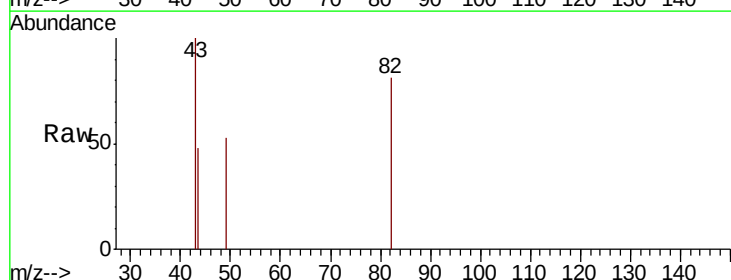
Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

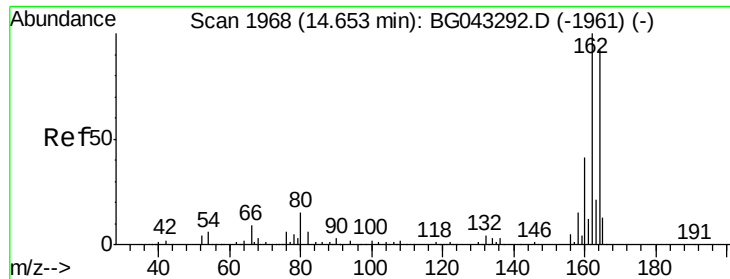
Tot Ion: 77 Resp: 348
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.0 52.6#
 65 0.0 9.5 14.3#



#25
 Isophorone
 Concen: 0.134 ng
 RT: 9.56 min Scan# 1101
 Delta R.T. -0.18 min
 Lab File: BG043661.D
 Acq: 15 Nov 2019 21:50

Tgt Ion: 82 Resp: 360
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 15.2 22.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

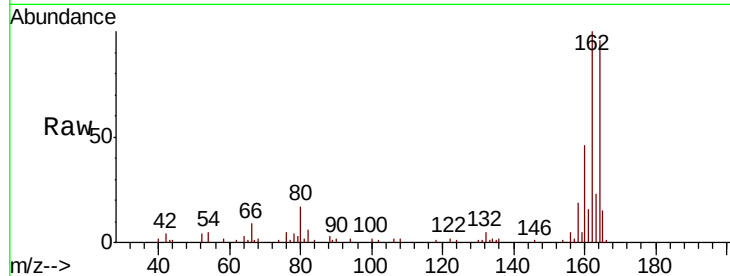
Tot Ion:164 Resp: 55462

Ion Ratio Lower Upper

164 100

162 103.7 83.5 125.3

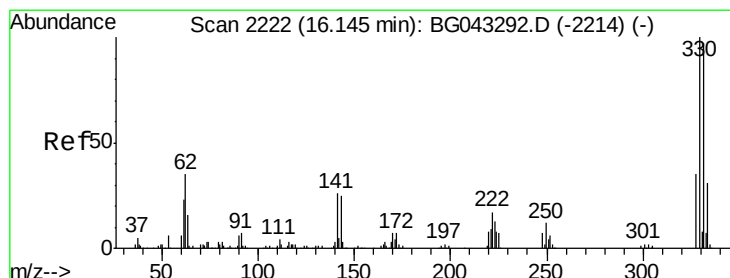
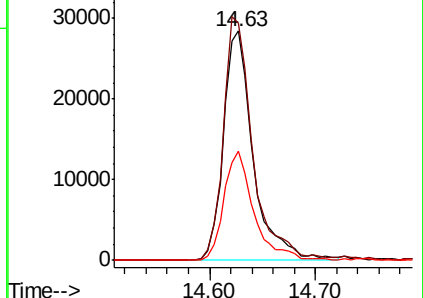
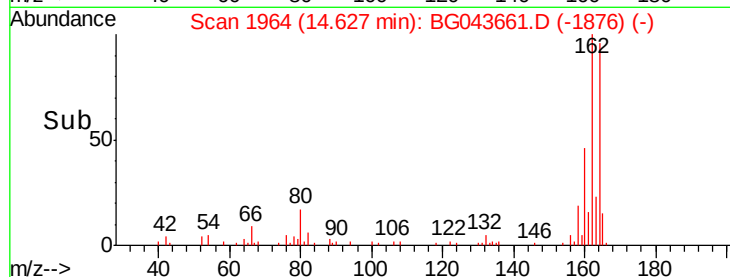
160 47.8 36.5 54.7



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



#42

2,4,6-Tribromophenol

Concen: 131.456 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

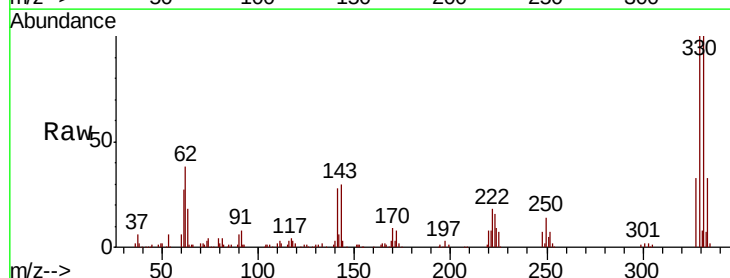
Tgt Ion:330 Resp: 138744

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

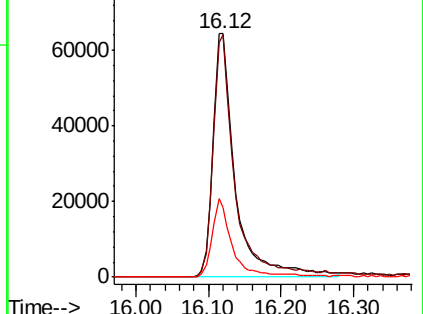
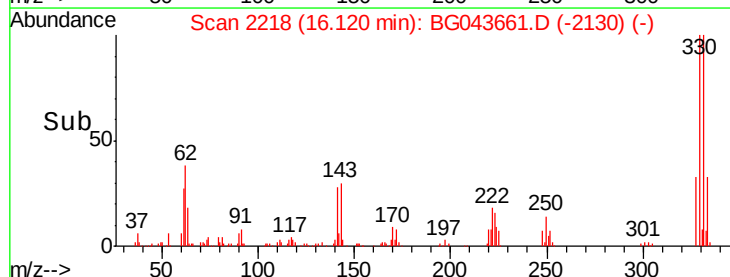
141 28.8 22.8 34.2

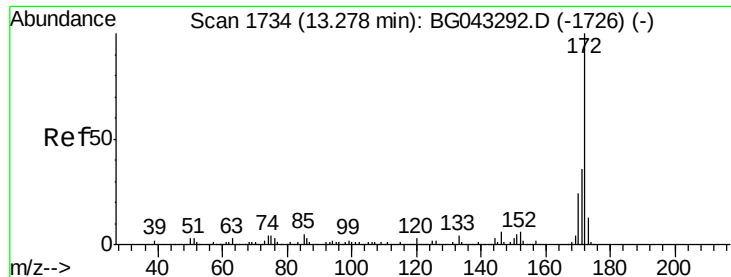


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

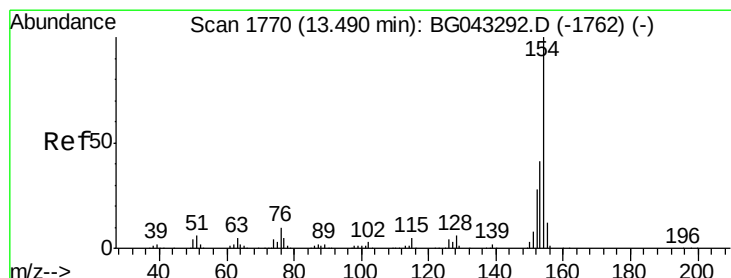
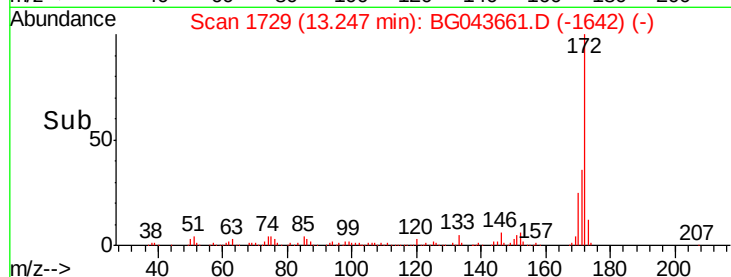
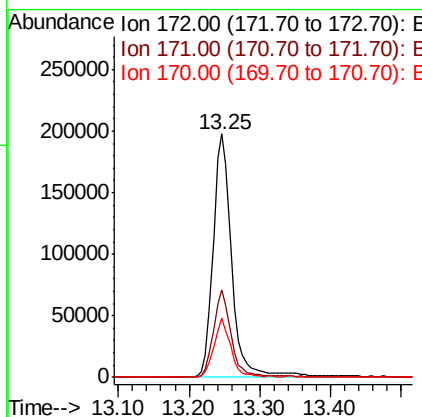
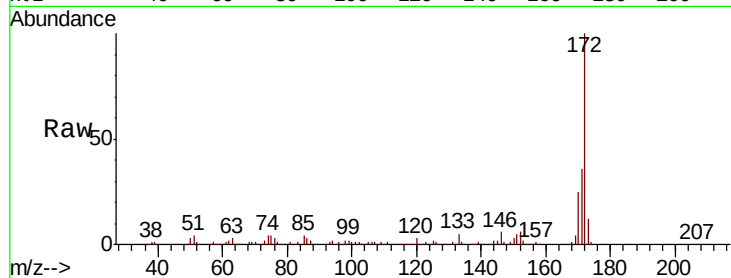




#45
2-Fluorobiphenyl
Concen: 90.606 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

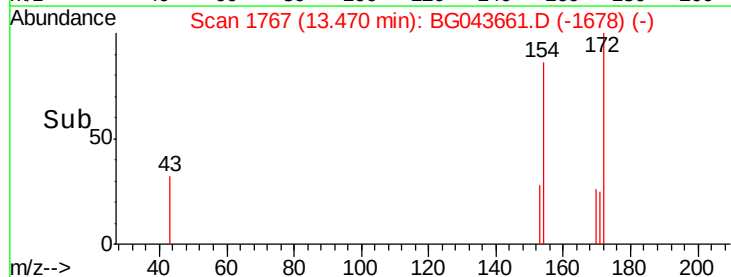
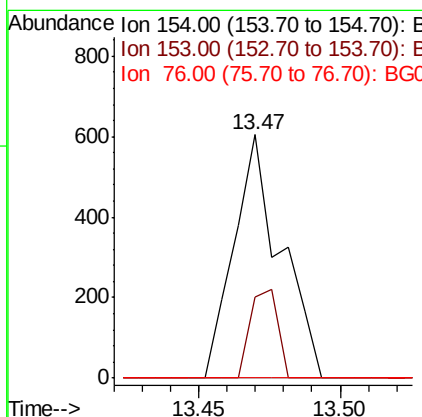
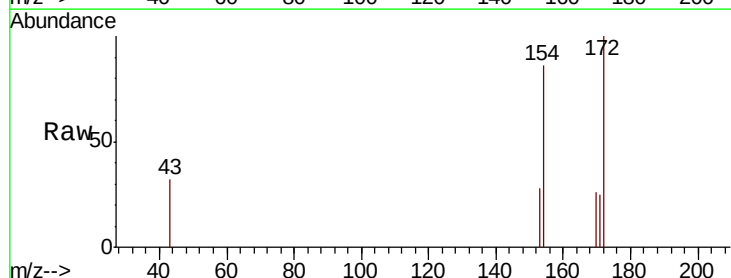
Instrument :
BNA_G
ClientSampleId :
PB124780BL

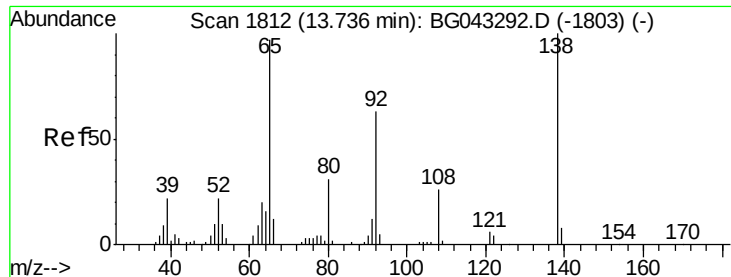
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.5	18.5	27.7



#46
1,1'-Biphenyl
Concen: 0.165 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	33.1	19.9	59.9
76	0.0	0.0	29.4

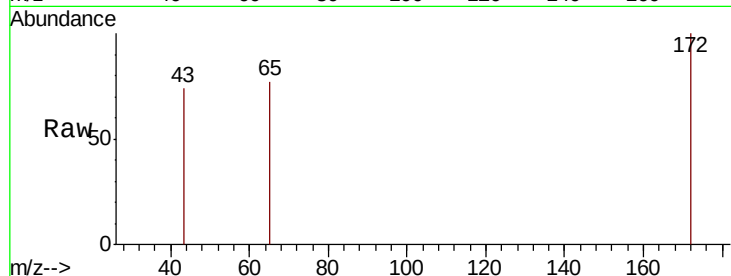




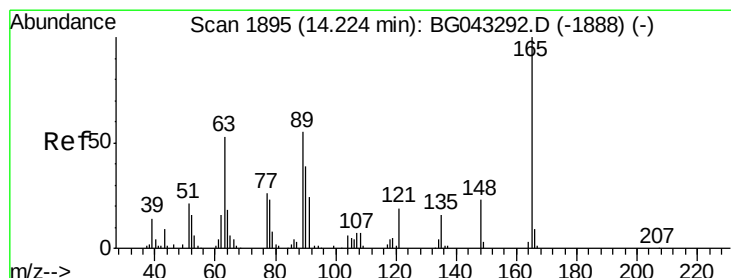
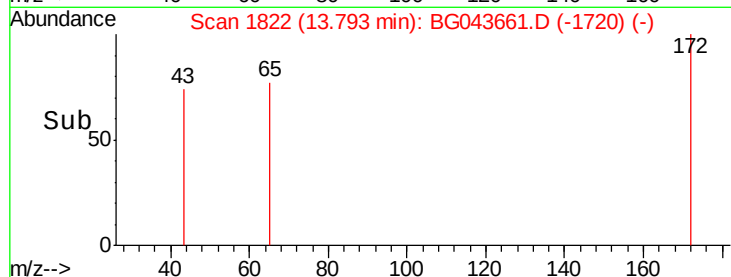
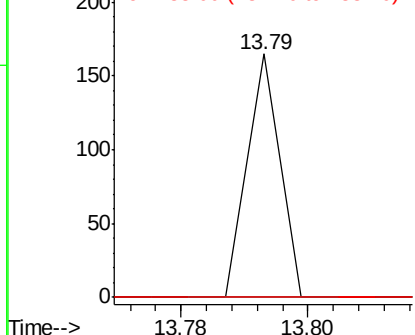
#48
2-Nitroaniline
Concen: 0.060 ng
RT: 13.79 min Scan# 1822
Delta R.T. 0.07 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Instrument :
BNA_G
ClientSampleId :
PB124780BL

Tot Ion: 65 Resp: 58
Ion Ratio Lower Upper
65 100
92 0.0 56.2 84.2#
138 0.0 82.6 123.8#

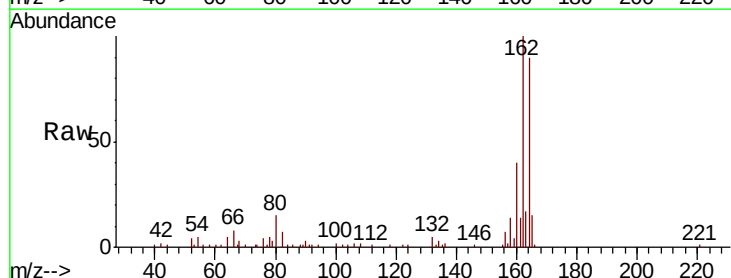


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

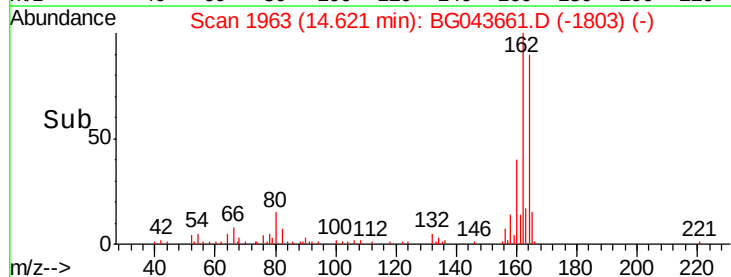
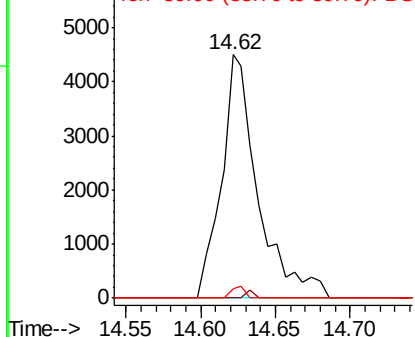


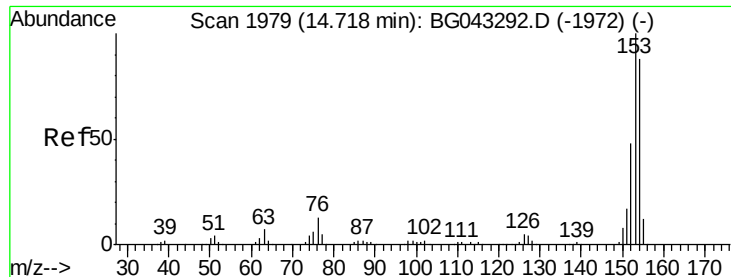
#51
2,6-Dinitrotoluene
Concen: 8.247 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.41 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Tgt Ion: 165 Resp: 7697
Ion Ratio Lower Upper
165 100
63 0.0 46.6 69.8#
89 3.7 45.1 67.7#



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





#52

Acenaphthene

Concen: 0.021 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.08 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

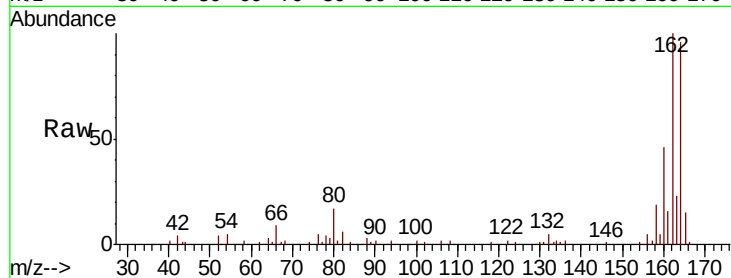
Tot Ion:154 Resp: 65

Ion Ratio Lower Upper

154 100

153 0.0 88.2 132.2#

152 0.0 40.0 60.0#

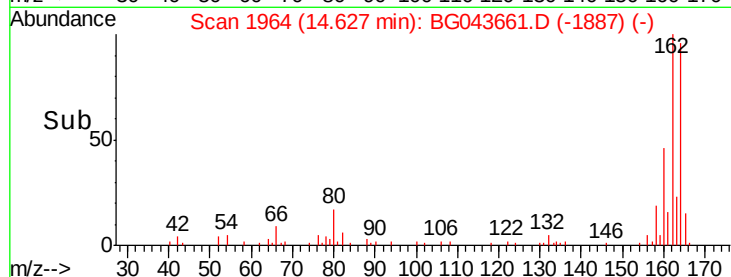


Abundance Ion 154.00 (153.70 to 154.70): E

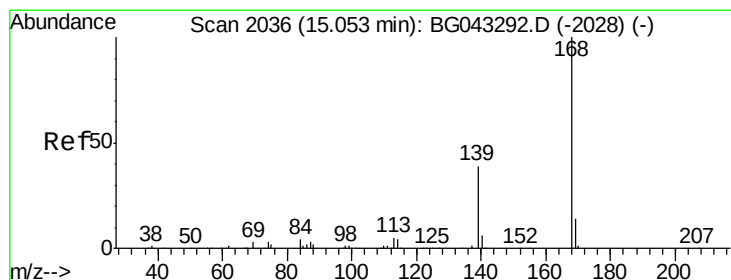
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.63



Time-->



#55

Dibenzofuran

Concen: 0.012 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

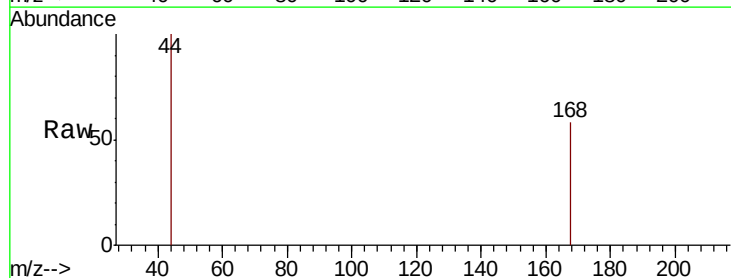
Tgt Ion:168 Resp: 60

Ion Ratio Lower Upper

168 100

139 0.0 31.0 46.6#

169 0.0 11.7 17.5#

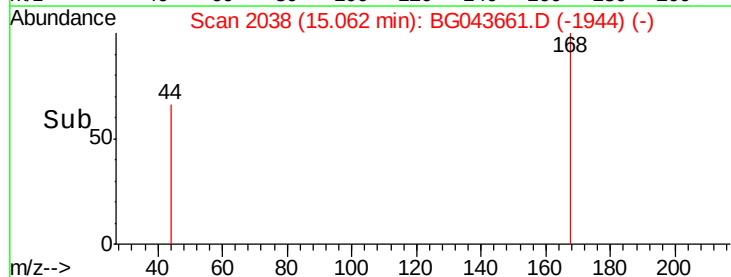


Abundance Ion 168.00 (167.70 to 168.70): E

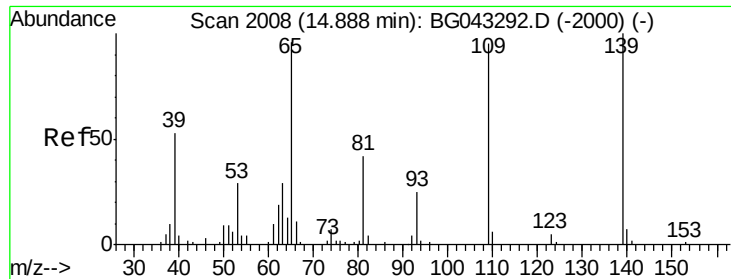
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.06



Time-->



#56

4-Nitrophenol

Concen: 0.088 ng

RT: 15.14 min Scan# 2051

Delta R.T. 0.26 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

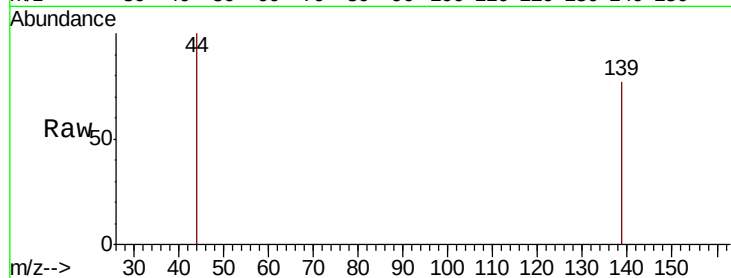
Tot Ion:139 Resp: 53

Ion Ratio Lower Upper

139 100

109 0.0 87.2 127.2#

65 0.0 83.8 123.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

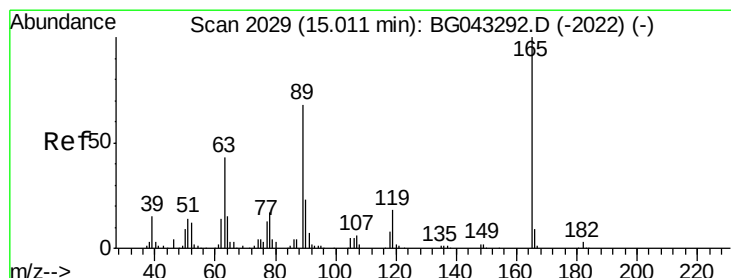
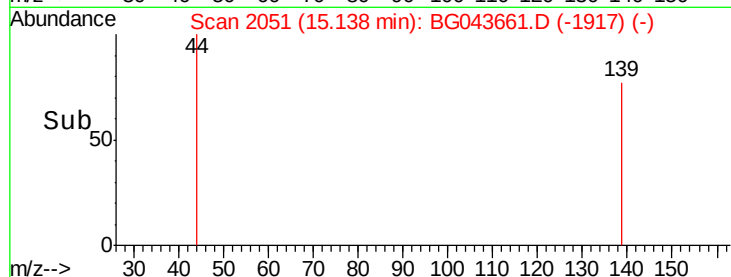
15.14

100

50

0

Time--> 15.12 15.14



#57

2,4-Dinitrotoluene

Concen: 5.771 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.38 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Tgt Ion:165 Resp: 7697

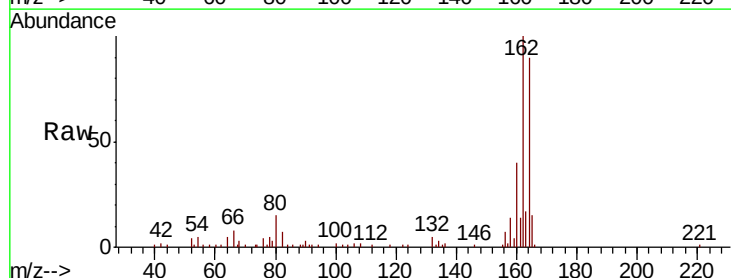
Ion Ratio Lower Upper

165 100

63 0.0 33.2 49.8#

89 3.7 52.2 78.4#

182 0.0 2.0 3.0#



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

Ion 182.00 (181.70 to 182.70): E

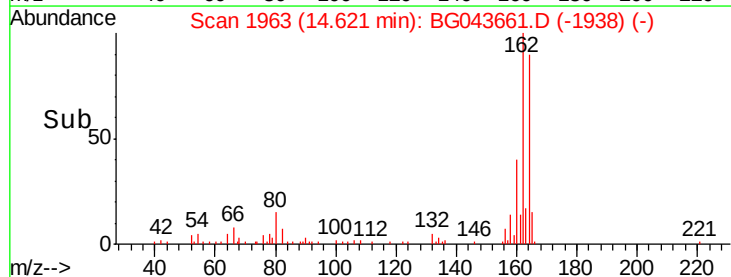
14.62

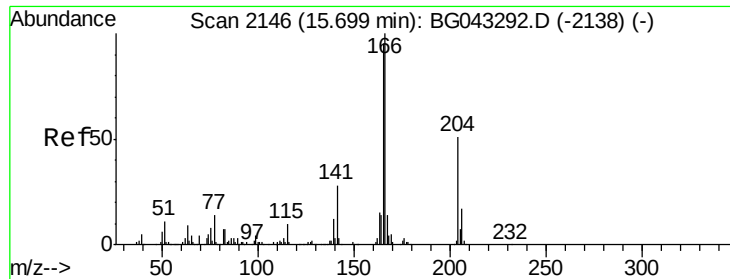
4000

2000

0

Time--> 14.55 14.60 14.65 14.70





#58

Fluorene

Concen: 0.906 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.43 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

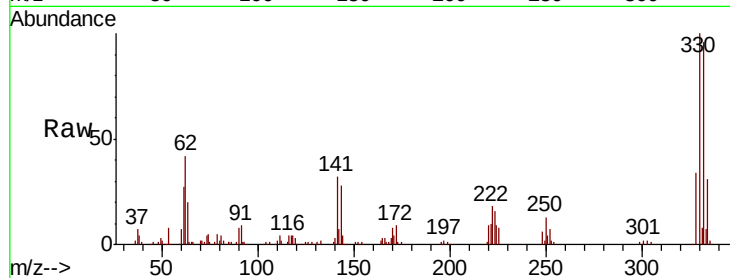
Tot Ion:166 Resp: 3755

Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.6

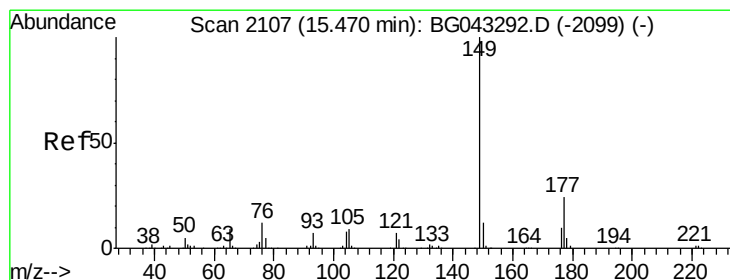
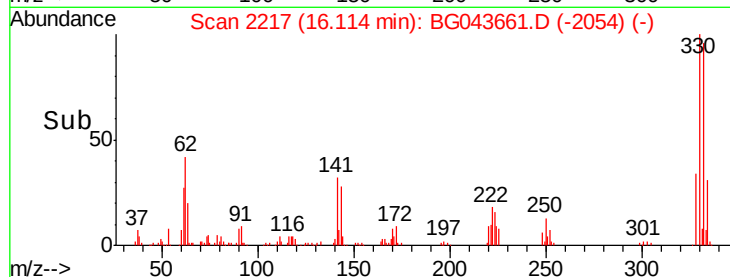
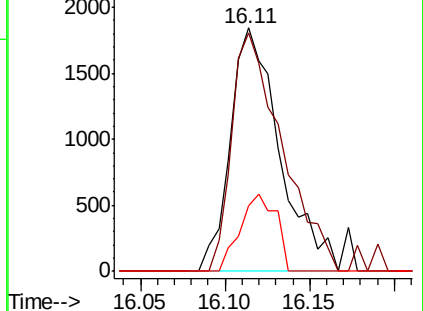
167 26.9 10.5 15.7#



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: 0.015 ng

RT: 15.44 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

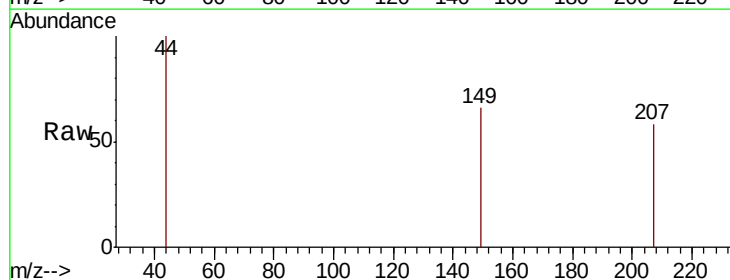
Tgt Ion:149 Resp: 66

Ion Ratio Lower Upper

149 100

177 0.0 19.6 29.4#

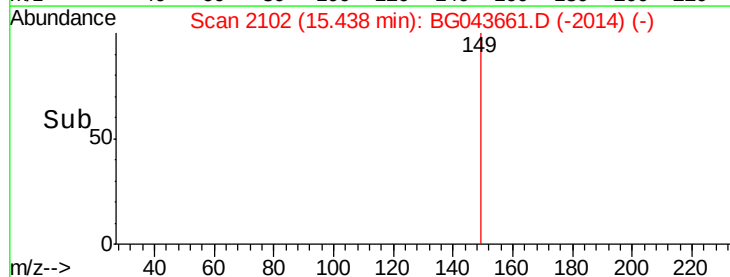
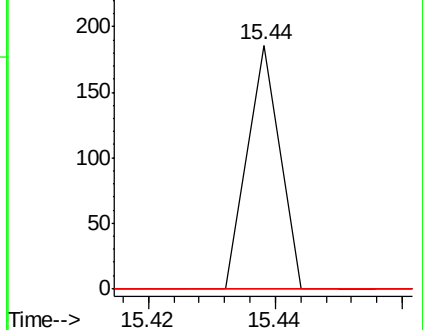
150 0.0 10.8 16.2#

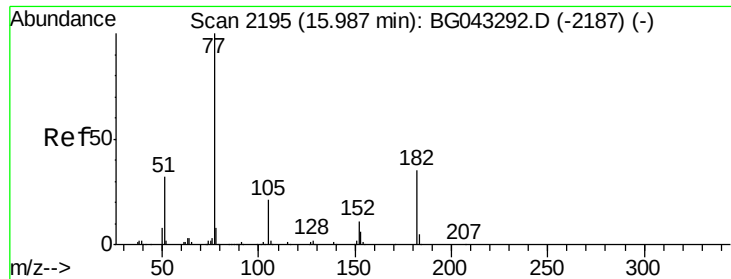


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.152 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.13 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

Tot Ion: 77 Resp: 531

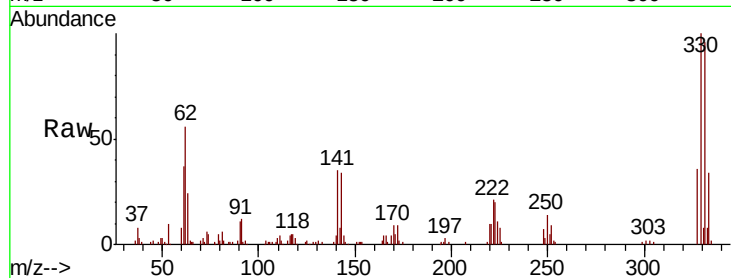
Ion Ratio Lower Upper

77 100

182 0.0 13.7 53.7#

105 53.8 0.4 40.4#

51 48.0 11.0 51.0

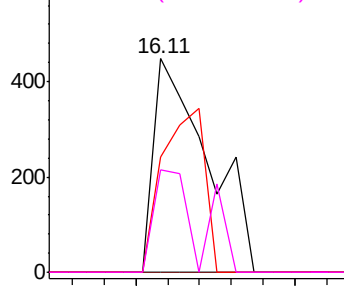


Abundance Ion 77.00 (76.70 to 77.70): BGC

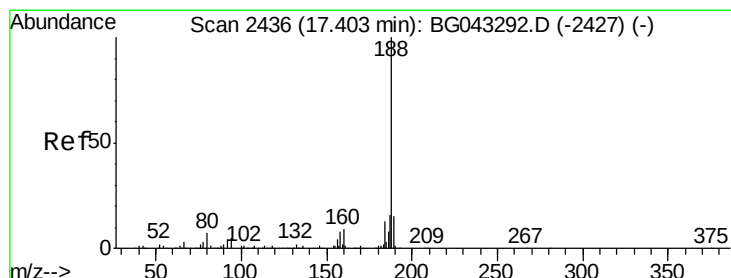
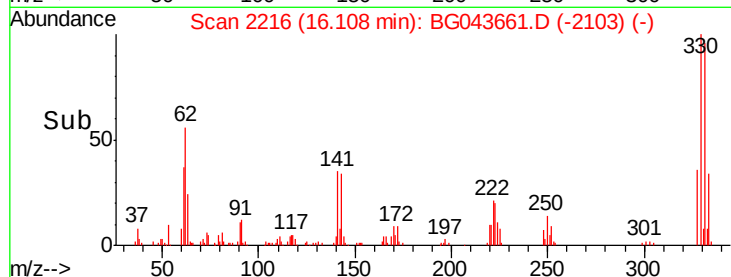
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

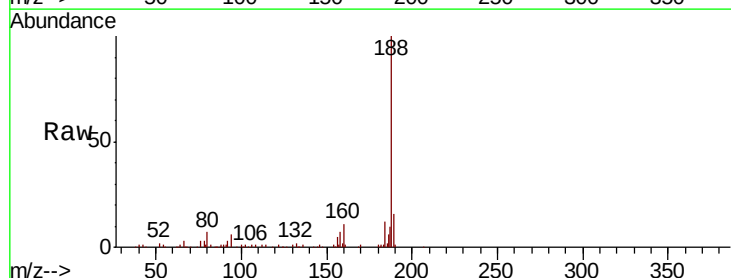
Tgt Ion: 188 Resp: 152080

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.4#

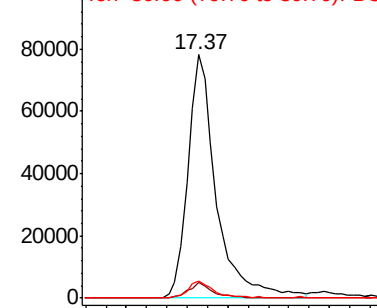
80 7.1 4.5 6.7#



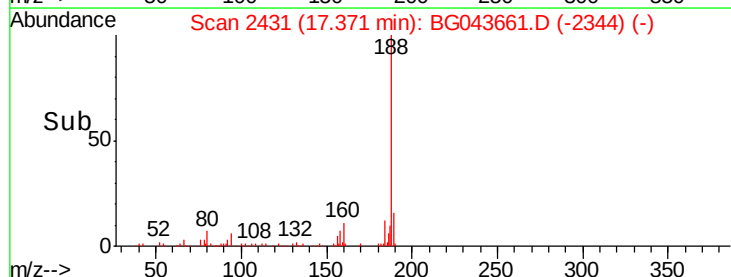
Abundance Ion 188.00 (187.70 to 188.70): BGC

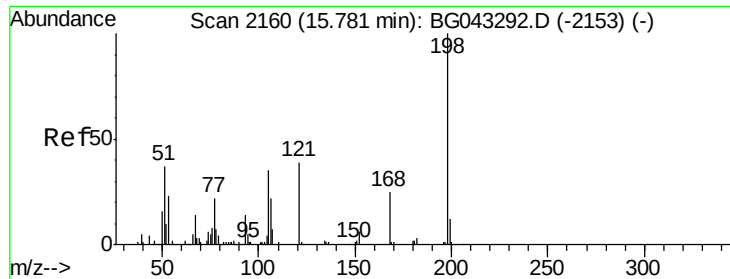
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 0.075 ng

RT: 16.13 min Scan# 2219

Delta R.T. 0.35 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

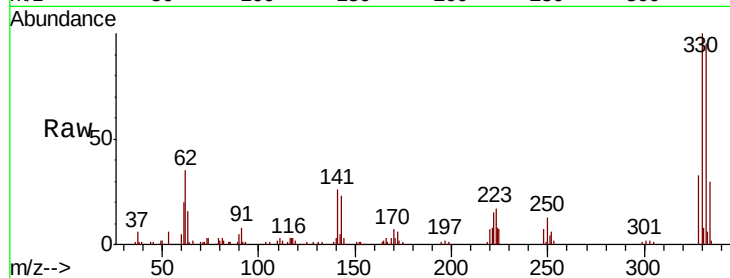
Tot Ion:198 Resp: 67

Ion Ratio Lower Upper

198 100

51 98.4 13.2 53.2#

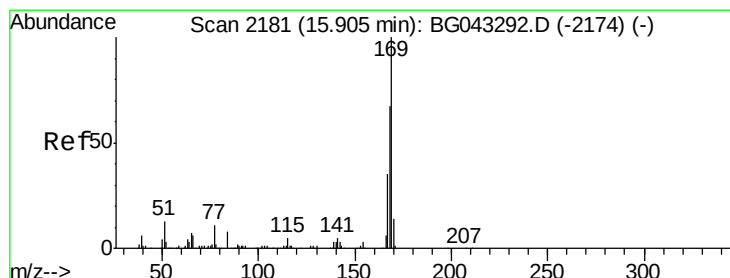
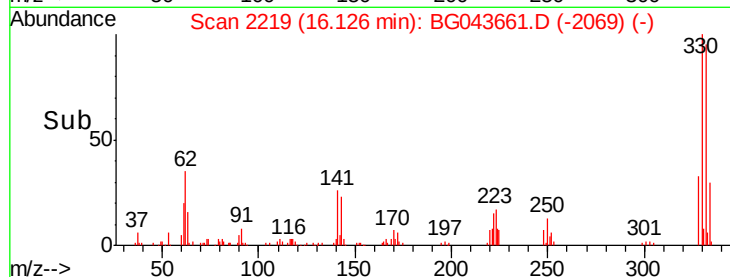
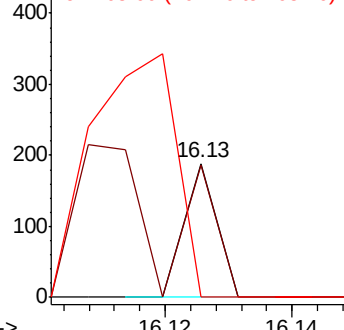
105 0.0 15.8 55.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.919 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.23 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

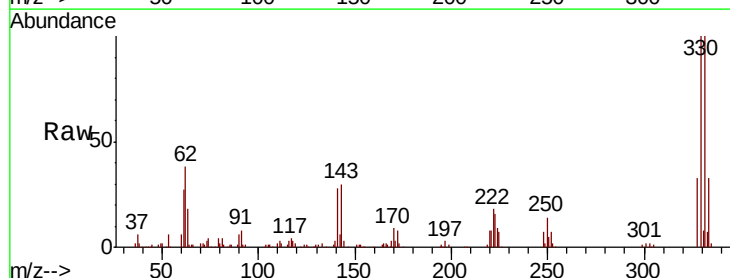
Tgt Ion:169 Resp: 3946

Ion Ratio Lower Upper

169 100

168 8.0 53.8 80.6#

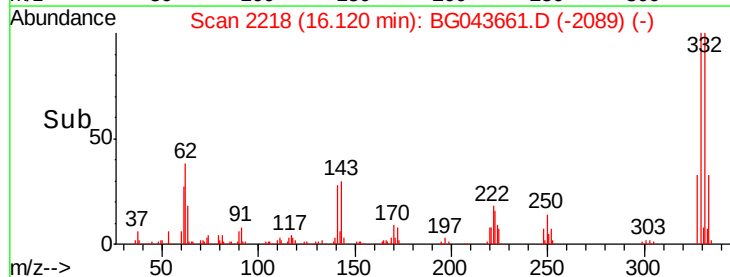
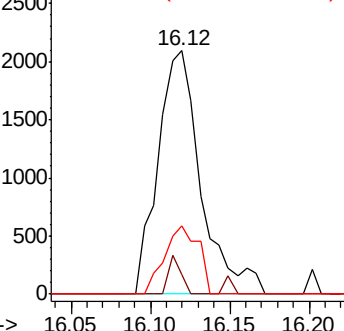
167 28.0 27.5 41.3

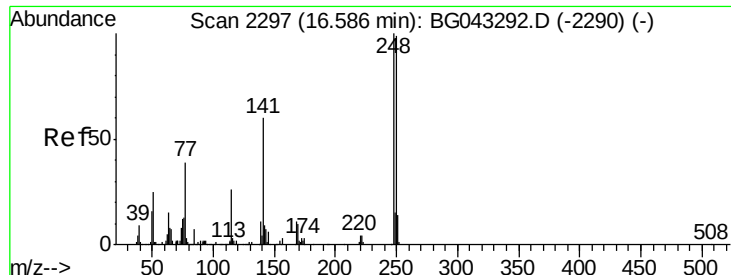


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

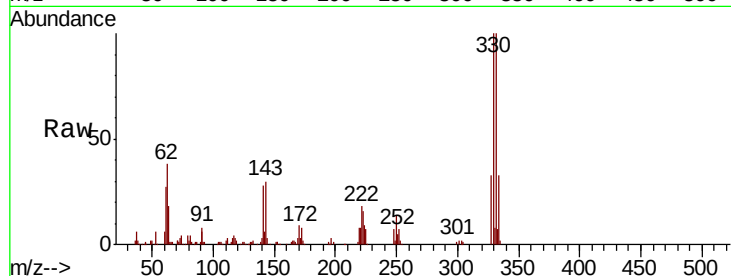




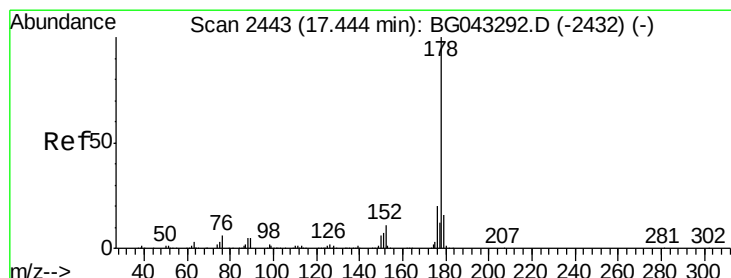
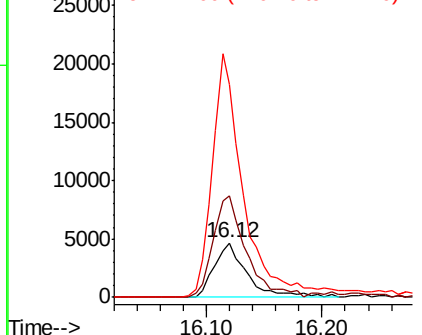
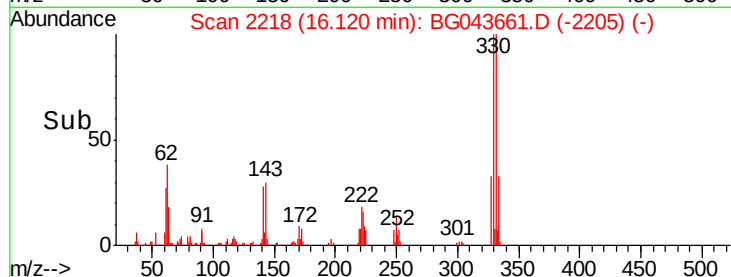
#67
4-Bromophenyl-phenylether
Concen: 4.494 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Instrument :
BNA_G
ClientSampled :
PB124780BL

Tot Ion:248 Resp: 9197
Ion Ratio Lower Upper
248 100
250 187.8 77.0 115.4#
141 393.7 47.5 71.3#

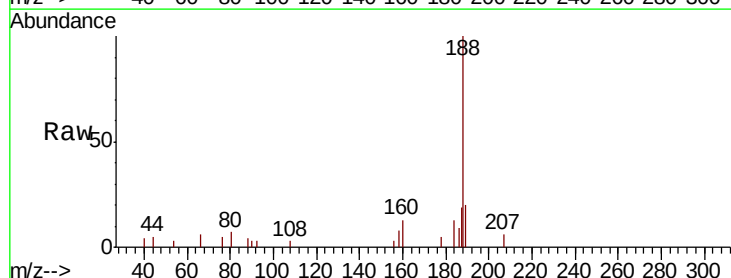


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

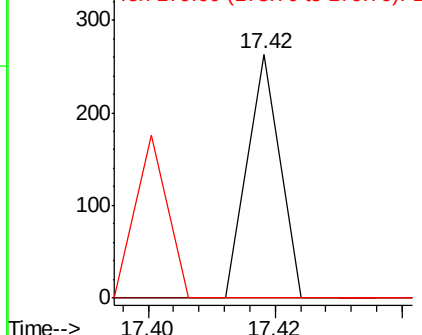
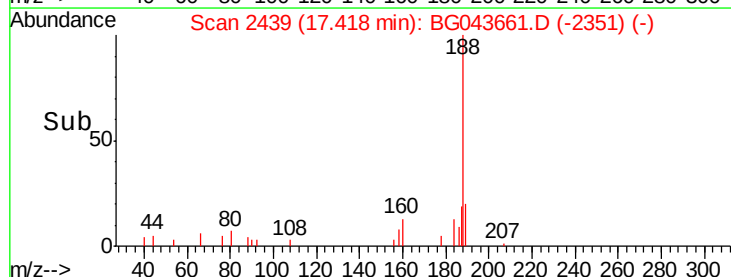


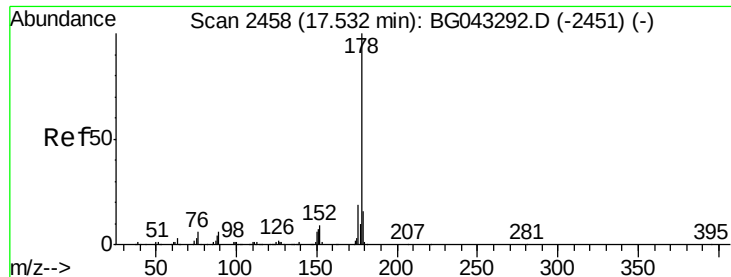
#71
Phenanthrene
Concen: 0.012 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Tgt Ion:178 Resp: 93
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 0.0 13.0 19.6#



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: 0.012 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.10 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

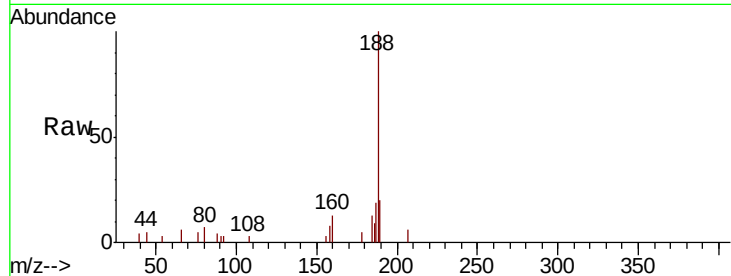
Instrument :

BNA_G

ClientSampleId :

PB124780BL

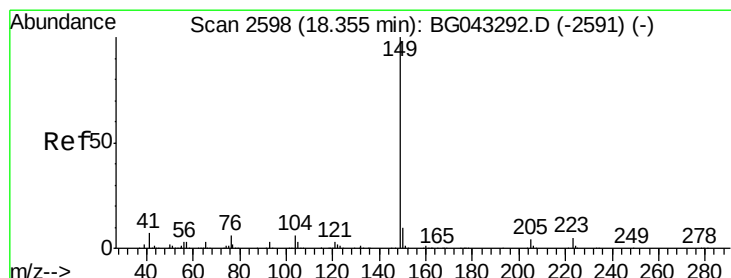
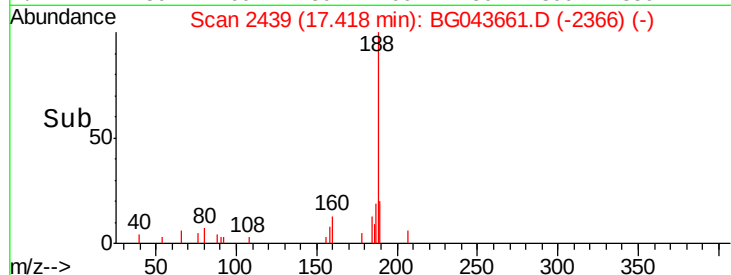
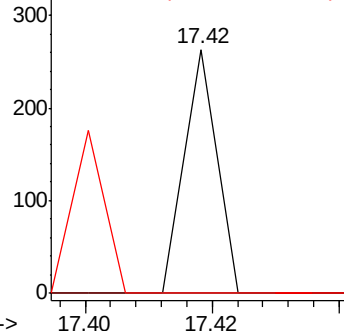
Tot Ion:	178	Resp:	93
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	0.0	13.7	20.5#



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



#74

Di-n-butylphthalate

Concen: 0.077 ng

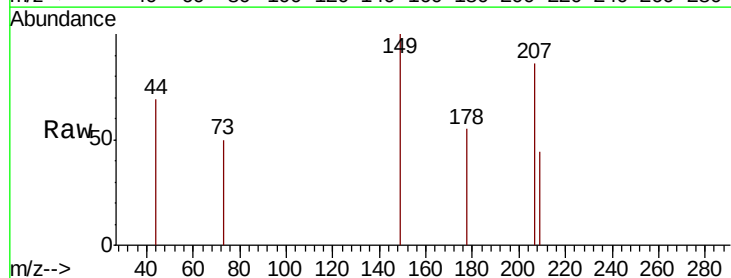
RT: 18.35 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

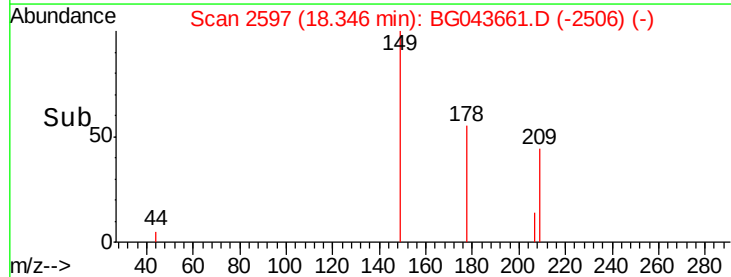
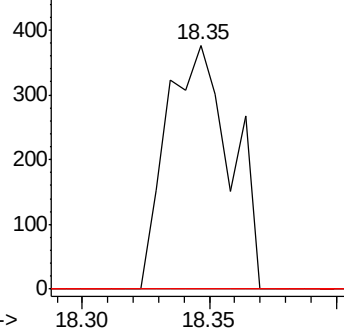
Tgt Ion:	149	Resp:	662
Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.0	12.0#
104	0.0	4.4	6.6#

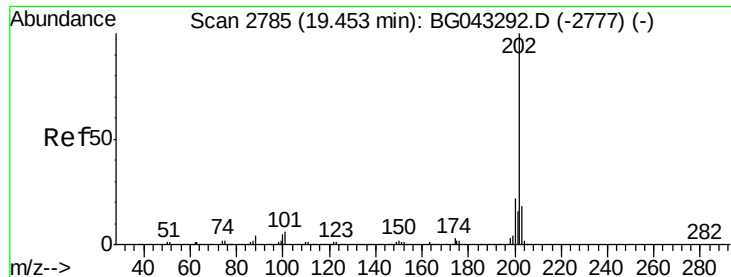


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.014 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

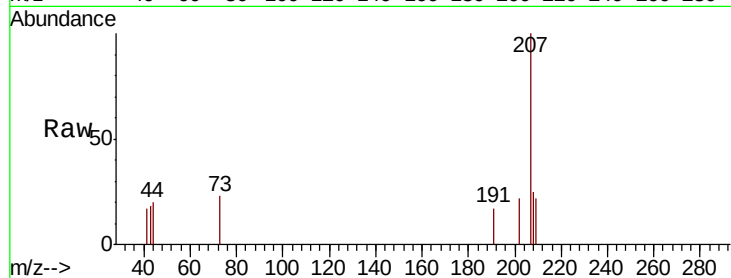
Tot Ion:202 Resp: 138

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.3

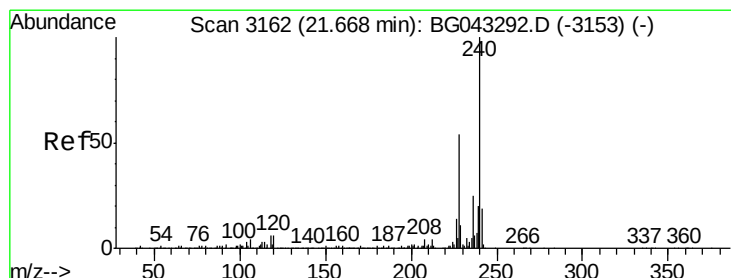
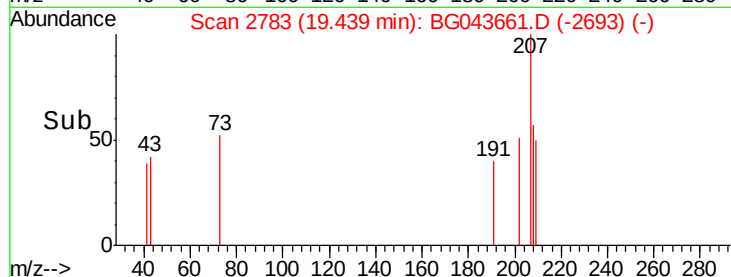
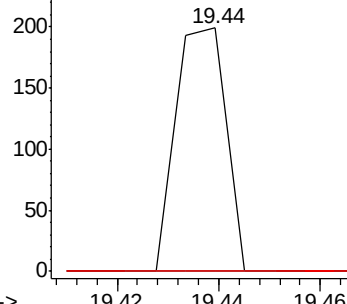
203 0.0 0.0 37.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

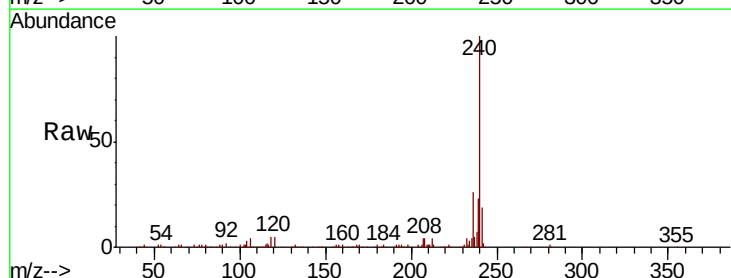
Tgt Ion:240 Resp: 188672

Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

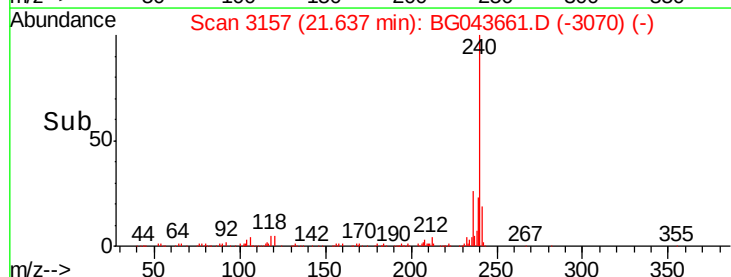
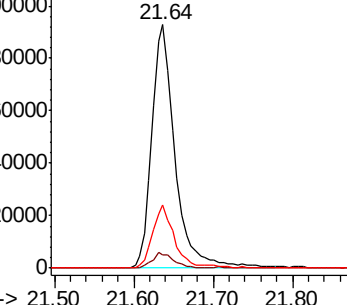
236 26.1 19.8 29.8

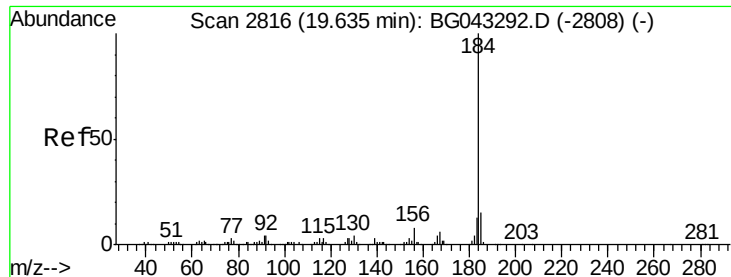


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.781 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

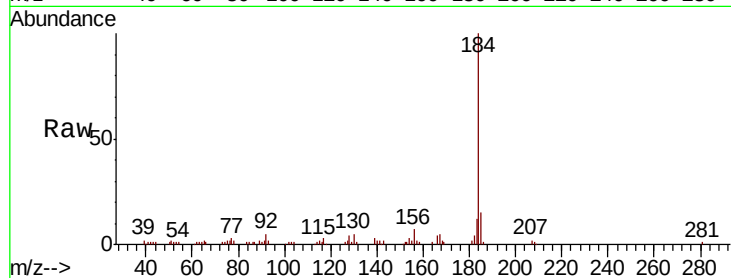
Tot Ion:184 Resp: 120674

Ion Ratio Lower Upper

184 100

185 15.3 11.0 16.4

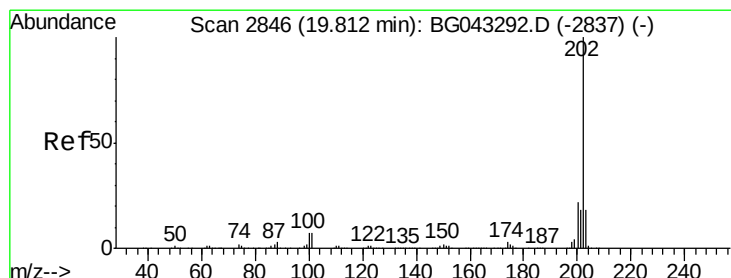
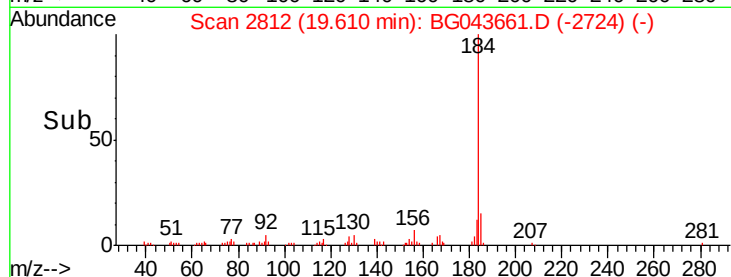
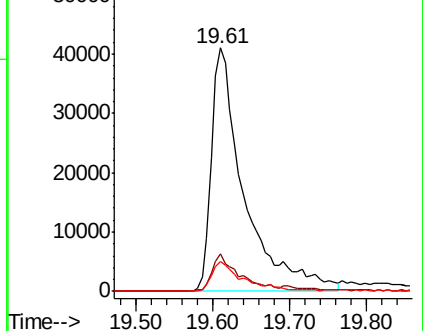
183 12.1 10.0 15.0



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: 0.283 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.18 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

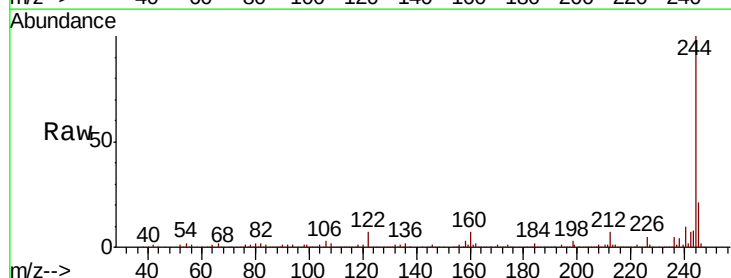
Tgt Ion:202 Resp: 3303

Ion Ratio Lower Upper

202 100

200 42.1 17.0 25.4#

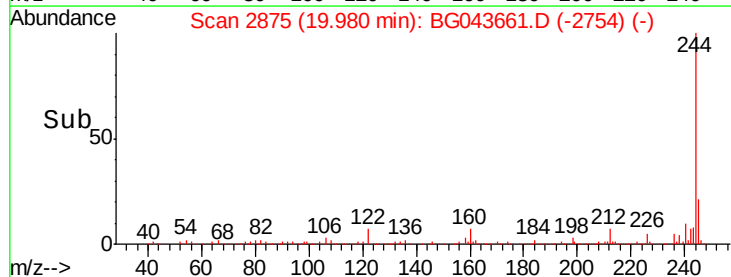
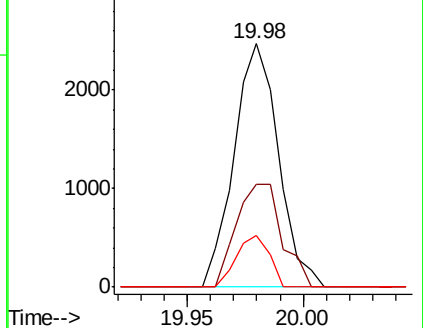
203 21.1 14.7 22.1

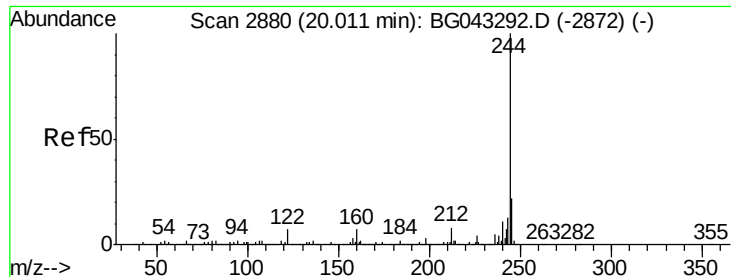


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.716 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

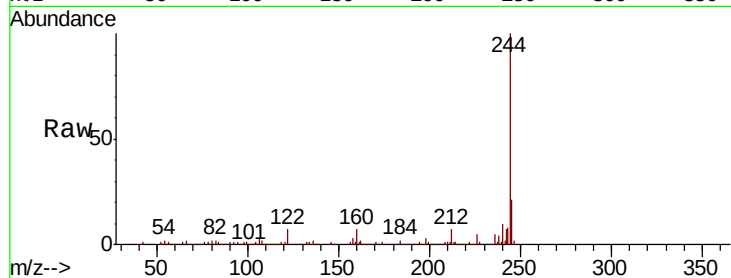
Tot Ion:244 Resp: 972661

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

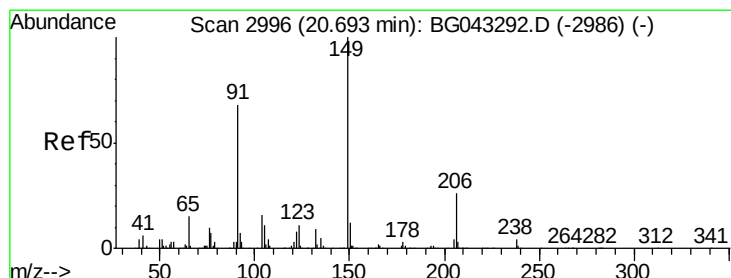
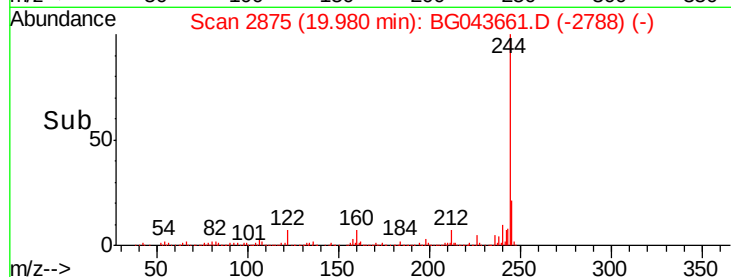
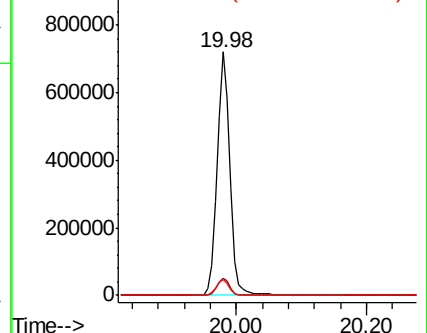
122 6.7 5.4 8.2



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: 0.022 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

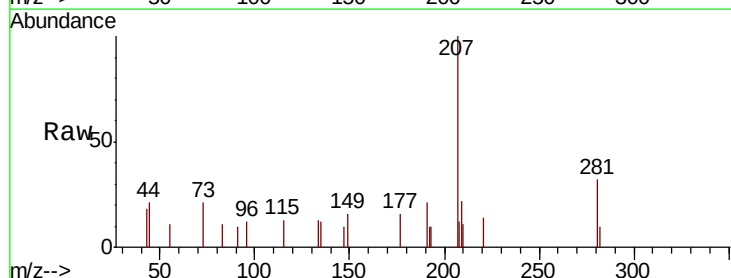
Tgt Ion:149 Resp: 97

Ion Ratio Lower Upper

149 100

91 61.2 51.2 76.8

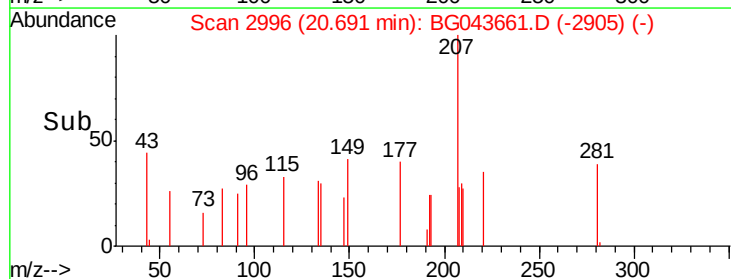
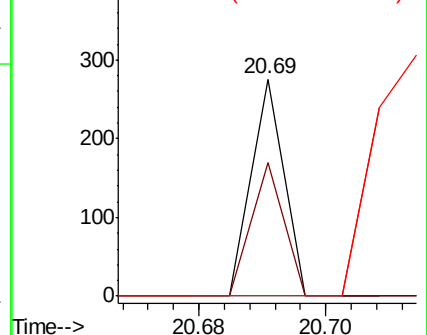
206 0.0 22.5 33.7#

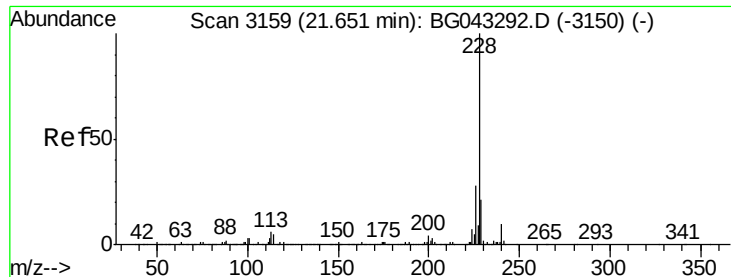


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.070 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

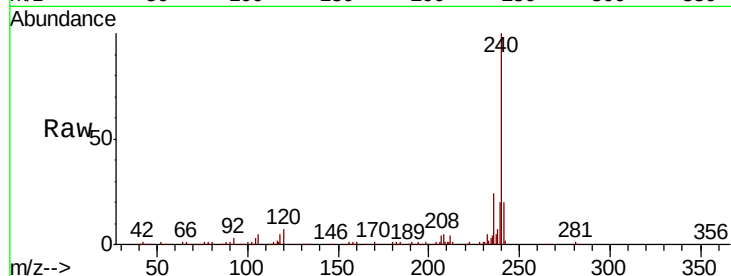
Tot Ion:228 Resp: 822

Ion Ratio Lower Upper

228 100

226 0.0 22.2 33.2#

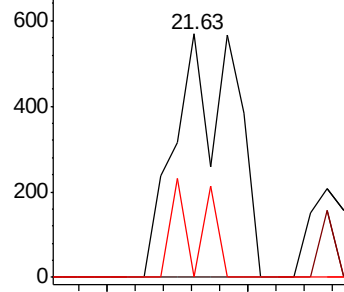
229 0.0 17.0 25.4#



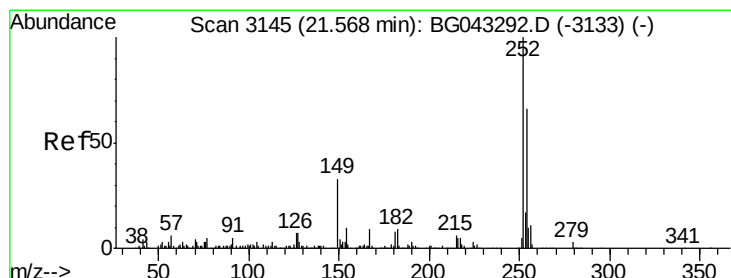
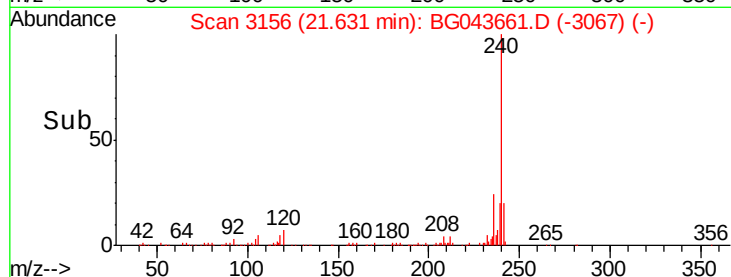
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.104 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.03 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

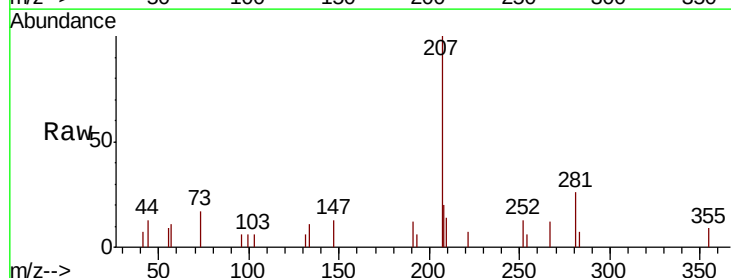
Tgt Ion:252 Resp: 475

Ion Ratio Lower Upper

252 100

254 45.7 50.8 76.2#

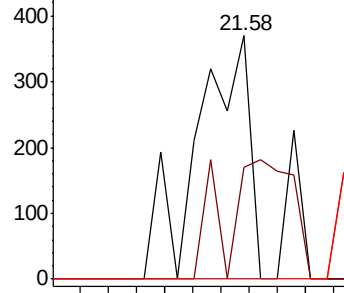
126 0.0 6.1 9.1#



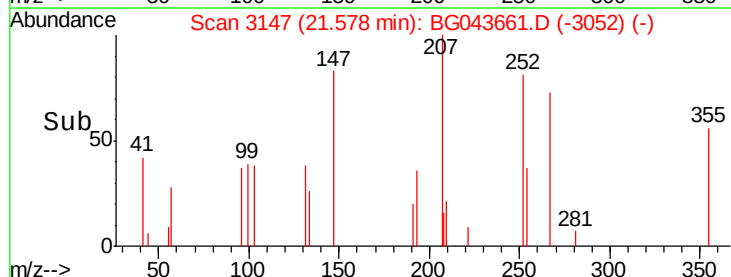
Abundance Ion 252.00 (251.70 to 252.70): E

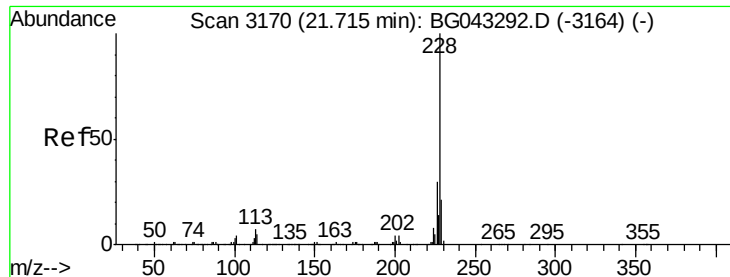
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 0.028 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

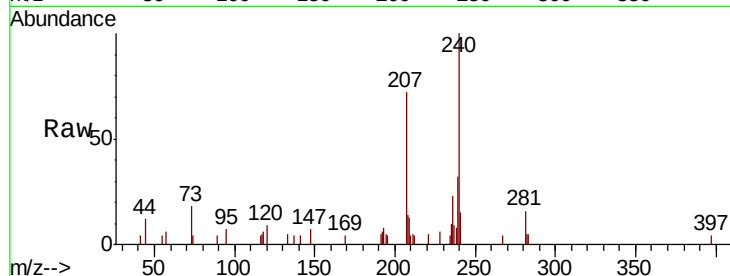
Tot Ion:228 Resp: 330

Ion Ratio Lower Upper

228 100

226 0.0 25.1 37.7#

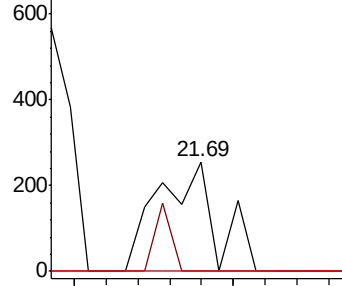
229 0.0 17.0 25.4#



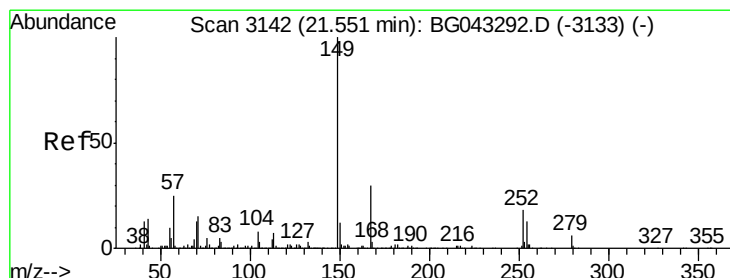
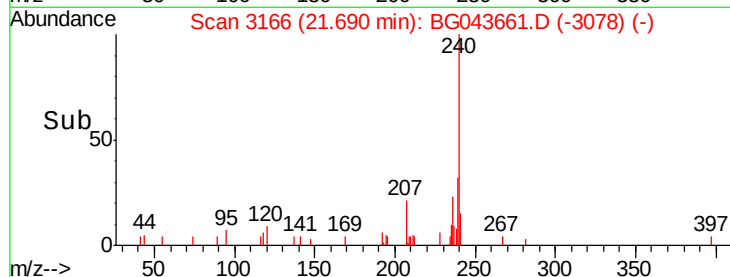
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.160 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

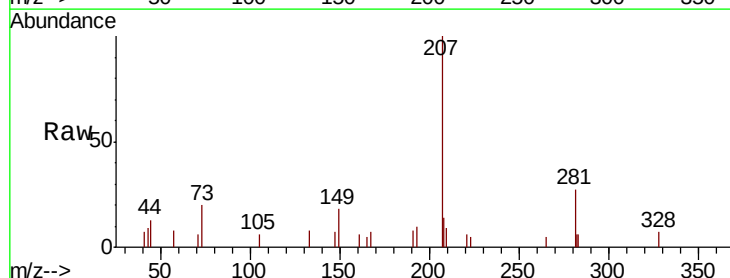
Tgt Ion:149 Resp: 1005

Ion Ratio Lower Upper

149 100

167 39.9 24.0 36.0#

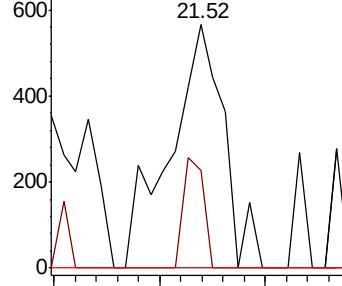
279 0.0 5.4 8.2#



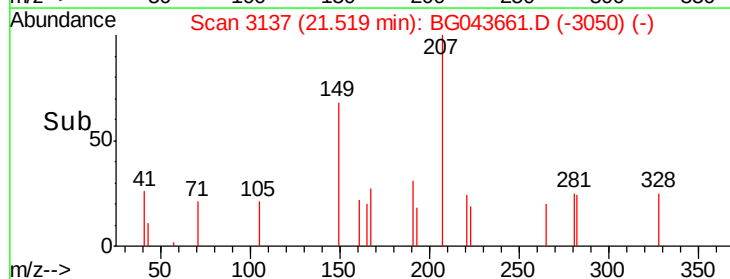
Abundance Ion 149.00 (148.70 to 149.70): E

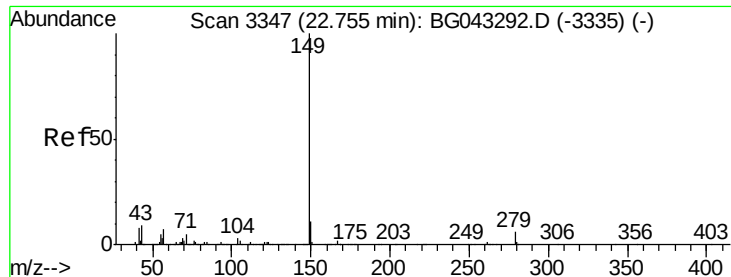
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 0.011 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

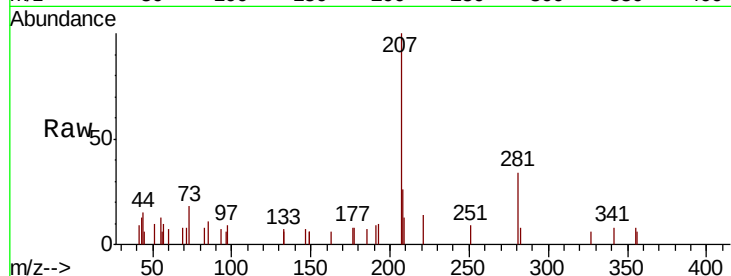
Tot Ion:149 Resp: 112

Ion Ratio Lower Upper

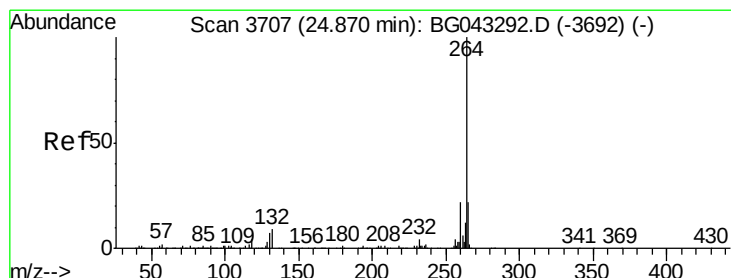
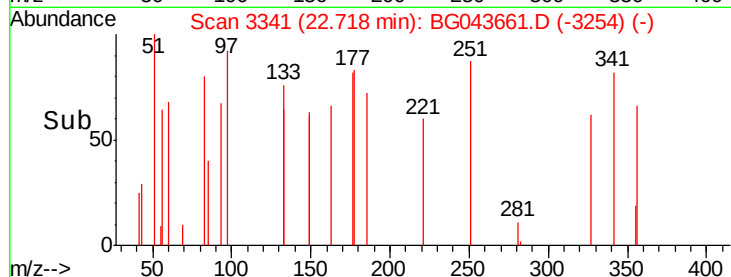
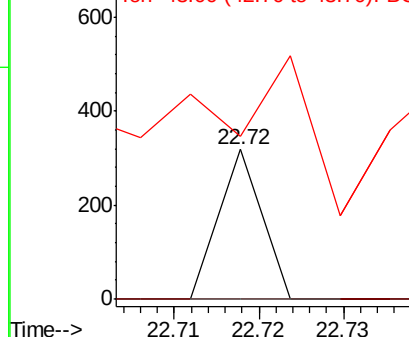
149 100

167 0.0 1.4 2.2#

43 0.0 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): BG



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

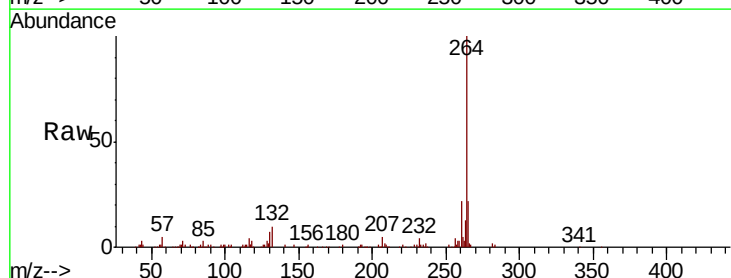
Tgt Ion:264 Resp: 215160

Ion Ratio Lower Upper

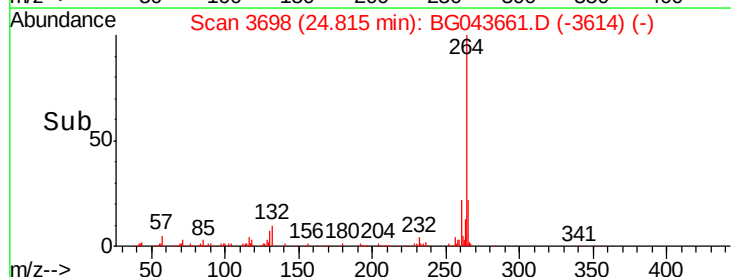
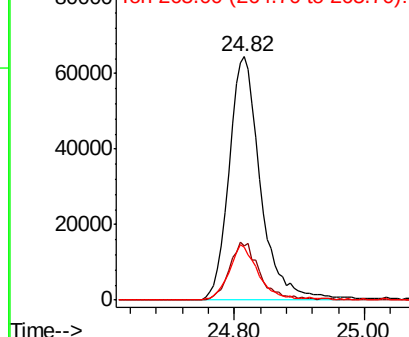
264 100

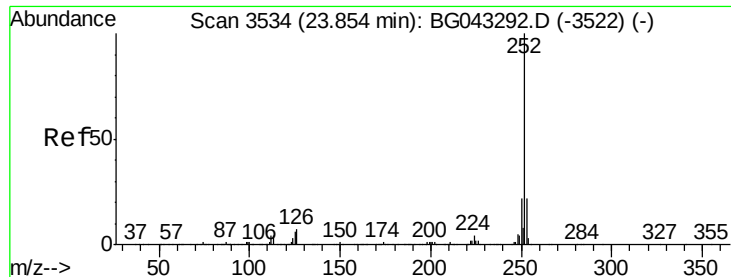
260 22.2 17.5 26.3

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: 0.007 ng

RT: 23.80 min Scan# 3526

Delta R.T. -0.04 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

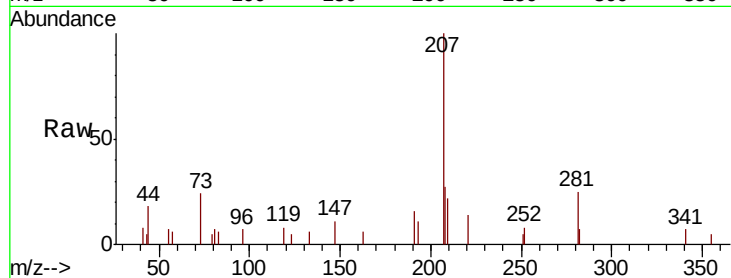
Tot Ion:252 Resp: 81

Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

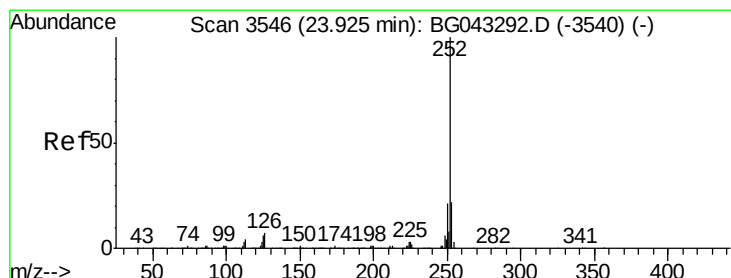
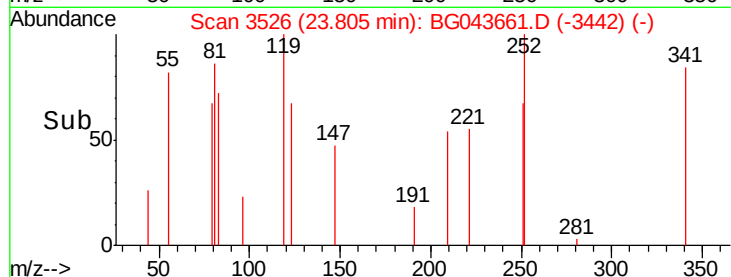
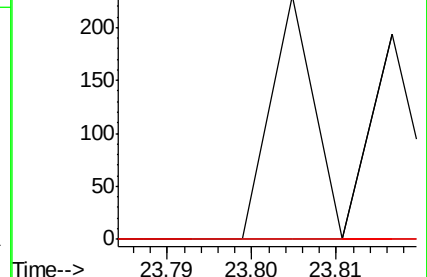
125 0.0 4.5 6.7#



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: 0.011 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

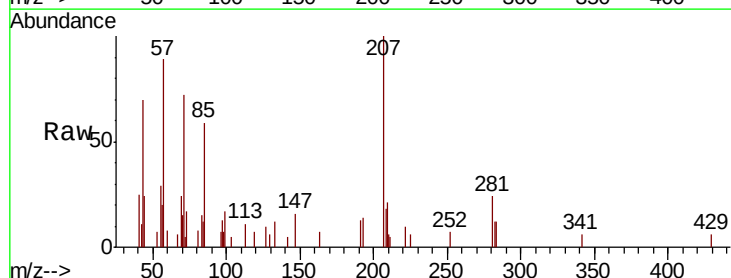
Tgt Ion:252 Resp: 141

Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

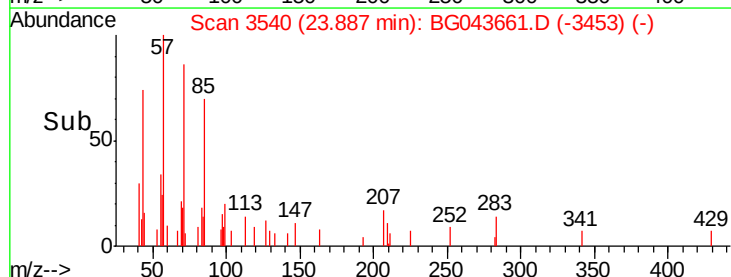
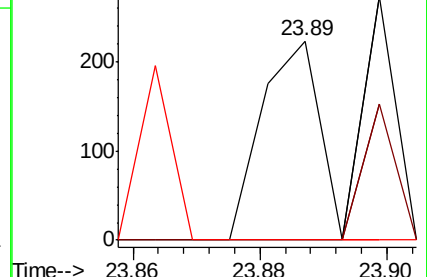
125 0.0 4.6 6.8#

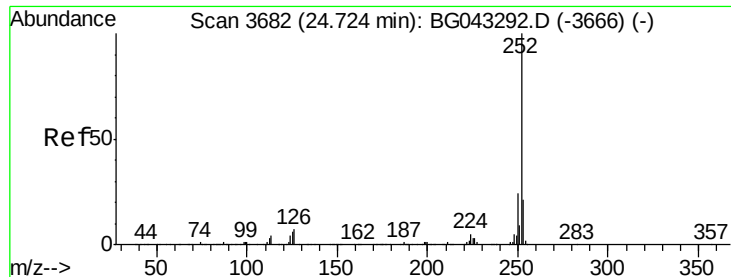


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.006 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

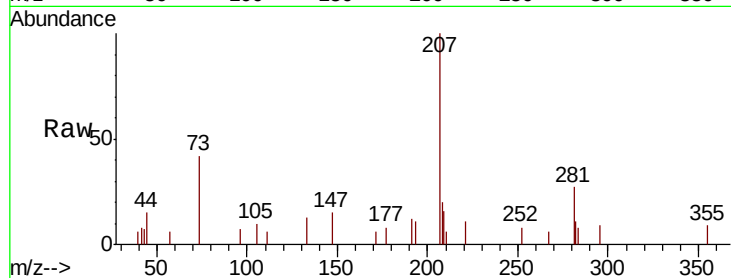
Tot Ion:252 Resp: 71

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 5.4 8.2#

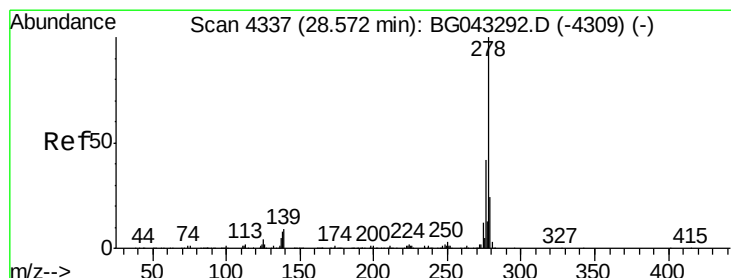
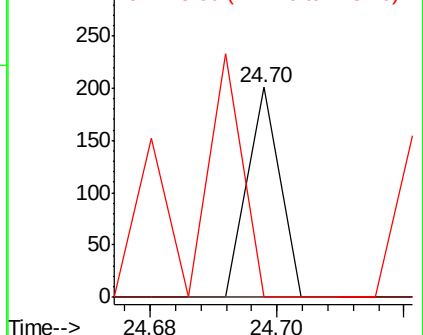
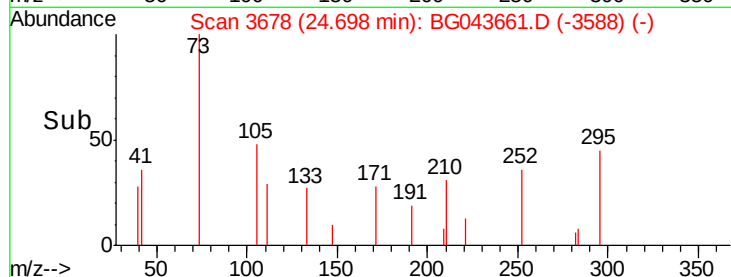


Abundance

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



#91

Dibenzo(a,h)anthracene

Concen: 0.005 ng

RT: 28.56 min Scan# 4336

Delta R.T. 0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

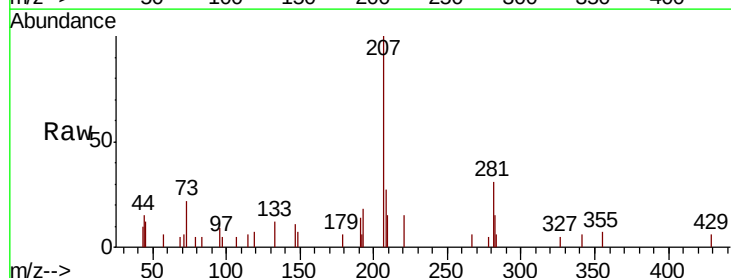
Tgt Ion:278 Resp: 54

Ion Ratio Lower Upper

278 100

139 0.0 7.4 11.0#

279 0.0 19.1 28.7#

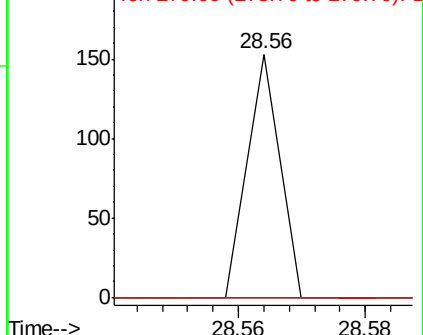
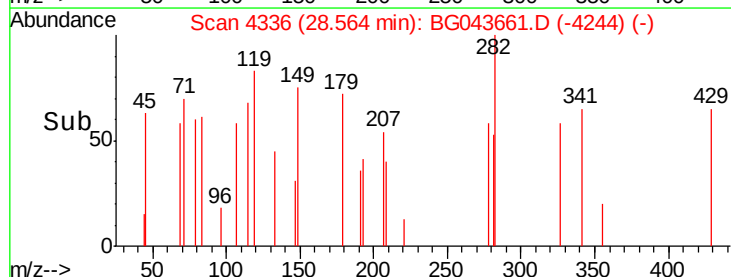


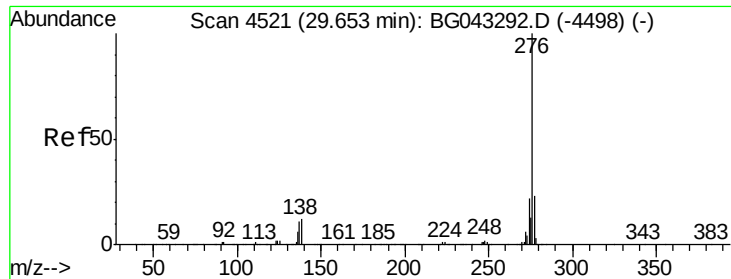
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.005 ng

RT: 29.67 min Scan# 4525

Delta R.T. 0.05 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

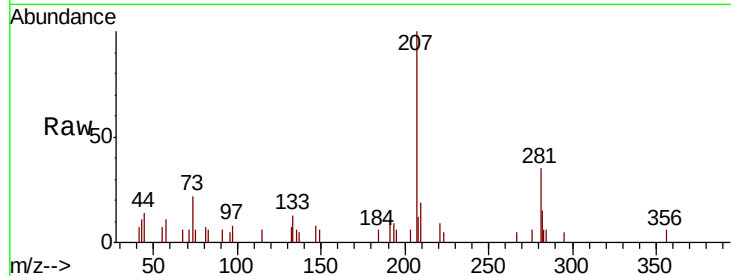
Tot Ion:276 Resp: 63

Ion Ratio Lower Upper

276 100

277 0.0 18.9 28.3#

138 0.0 8.9 13.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

