

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043656.D
 Acq On : 15 Nov 2019 18:36
 Operator : JU
 Sample : PB124801BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

Quant Time: Nov 16 01:12:18 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	21383	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	73338	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	62077	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	165236	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	188544	20.00	ng	-0.02
87) Perylene-d12	24.82	264	219580	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	99899	85.61	ng	0.00
7) Phenol-d6	7.19	99	85531	50.94	ng	-0.01
23) Nitrobenzene-d5	9.15	82	145314	102.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	162739	137.76	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	420036	93.50	ng	-0.02
79) Terphenyl-d14	19.98	244	1078893	107.35	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	4550	10.006	ng	# 1
3) Pyridine	3.73	79	57	0.050	ng	# 1
4) n-Nitrosodimethylamine	3.78	42	69	0.119	ng	# 1
6) Aniline	7.54	93	302	0.156	ng	# 1
10) Phenol	7.54	94	379	0.247	ng	# 1
11) bis(2-Chloroethyl)ether	7.54	93	302	0.255	ng	# 1
12) 1,3-Dichlorobenzene	8.03	146	67	0.042	ng	# 27
13) 1,4-Dichlorobenzene	8.03	146	67	0.041	ng	# 25
14) 1,2-Dichlorobenzene	8.36	146	55	0.034	ng	# 23
15) Benzyl Alcohol	8.31	79	2550	2.163	ng	# 44
19) n-Nitroso-di-n-propylamine	9.16	70	20560	18.951	ng	# 78
20) 3+4-Methylphenols	9.19	107	55	0.036	ng	# 21
22) Acetophenone	8.83	105	499	0.266	ng	# 30
24) Nitrobenzene	9.17	77	501	0.370	ng	# 40
25) Isophorone	9.57	82	442	0.170	ng	# 64
28) bis(2-Chloroethoxy)methane	10.39	93	60	0.042	ng	# 49
31) Naphthalene	10.86	128	55	0.015	ng	# 68
46) 1,1'-Biphenyl	13.47	154	399	0.084	ng	# 25
48) 2-Nitroaniline	13.24	65	632	0.588	ng	# 1
51) 2,6-Dinitrotoluene	14.62	165	8208	7.858	ng	# 22
52) Acenaphthene	14.62	154	305	0.089	ng	# 6
54) 2,4-Dinitrophenol	14.30	184	57	7.362	ng	# 17
57) 2,4-Dinitrotoluene	14.62	165	8208	5.498	ng	# 25
58) Fluorene	16.12	166	4276	0.922	ng	# 75
60) Diethylphthalate	15.45	149	133	0.028	ng	# 56
63) Azobenzene	16.12	77	628	0.161	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.12	198	257	0.264	ng	# 1
66) n-Nitrosodiphenylamine	16.12	169	4193	0.899	ng	# 48
67) 4-Bromophenyl-phenylether	16.19	248	367	0.165	ng	# 1
73) Carbazole	17.37	167	77	0.010	ng	# 58
74) Di-n-butylphthalate	18.34	149	189	0.020	ng	# 77
75) Fluoranthene	19.37	202	66	0.006	ng	# 65
77) Benzidine	19.98	184	15312	4.035	ng	# 92
78) Pyrene	19.98	202	3501	0.300	ng	# 59

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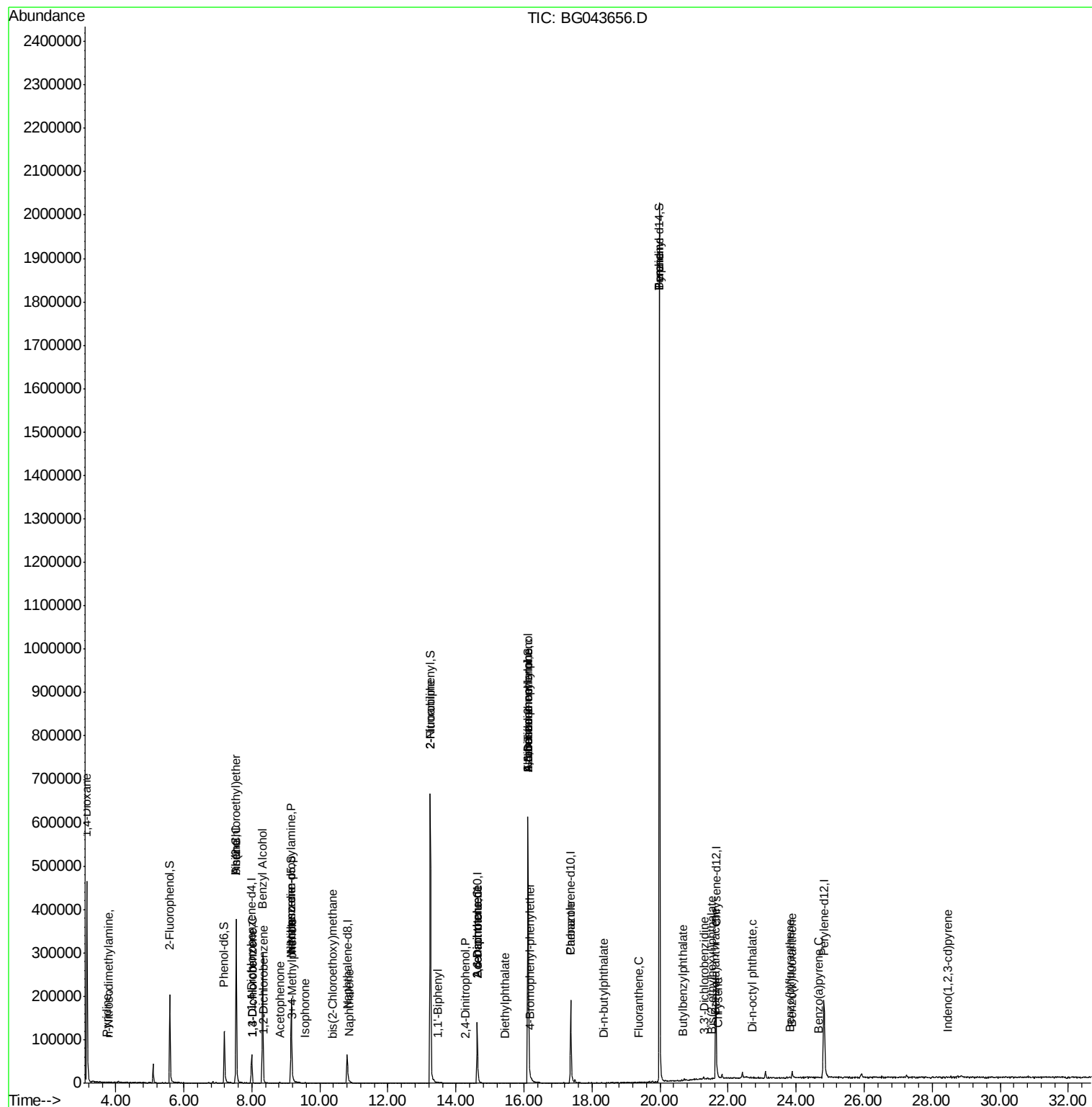
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.68	149	278	0.063	ng	# 27
81) Benzo(a)anthracene	21.61	228	108	0.009	ng	# 50
82) 3,3'-Dichlorobenzidine	21.30	252	55	0.012	ng	# 25
83) Chrysene	21.70	228	54	0.005	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.52	149	753	0.120	ng	# 84
85) Di-n-octyl phthalate	22.70	149	401	0.038	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.46	276	67	0.005	ng	# 56
88) Benzo(b)fluoranthene	23.81	252	144	0.012	ng	# 60
89) Benzo(k)fluoranthene	23.88	252	63	0.005	ng	# 1
90) Benzo(a)pyrene	24.66	252	76	0.006	ng	# 6

(#) = 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: BG043656.D

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BNA_G

ClientSampleId :

PB124801BL

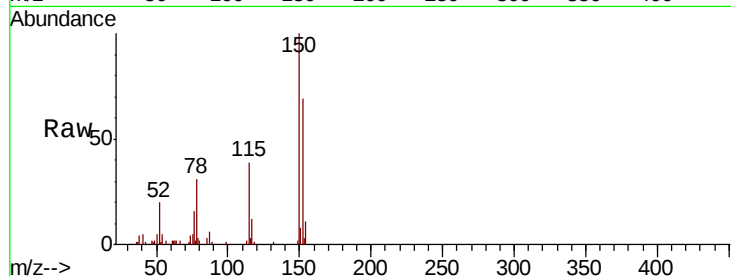
Tot Ion:152 Resp: 21383

Ion Ratio Lower Upper

152 100

150 145.8 129.4 194.0

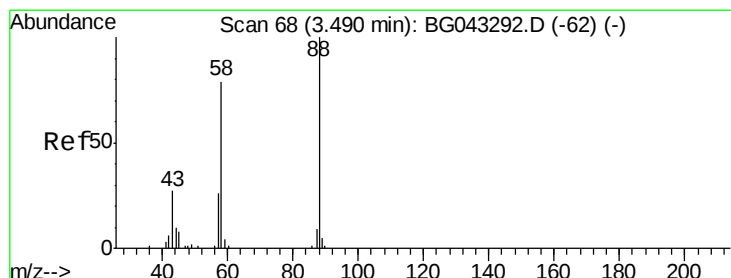
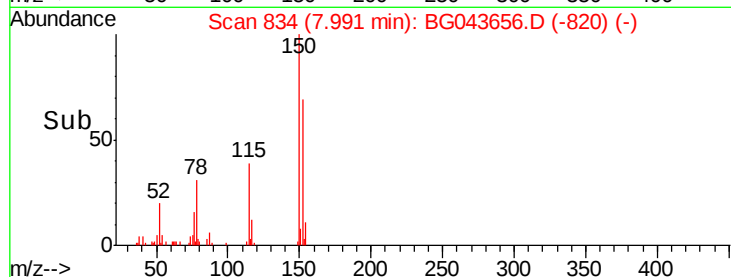
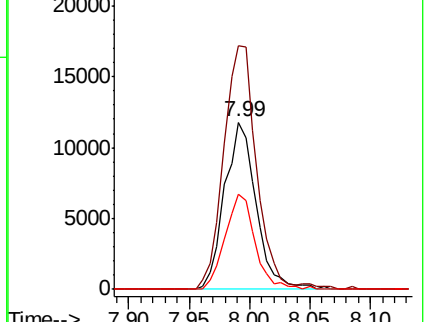
115 57.2 48.8 73.2



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: 10.006 ng

RT: 3.15 min Scan# 10

Delta R.T. -0.32 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

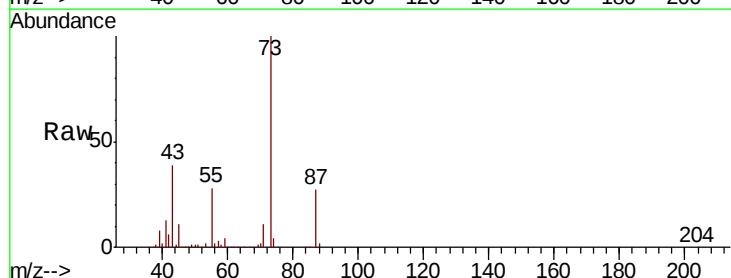
Tgt Ion: 88 Resp: 4550

Ion Ratio Lower Upper

88 100

58 29.5 62.7 94.1#

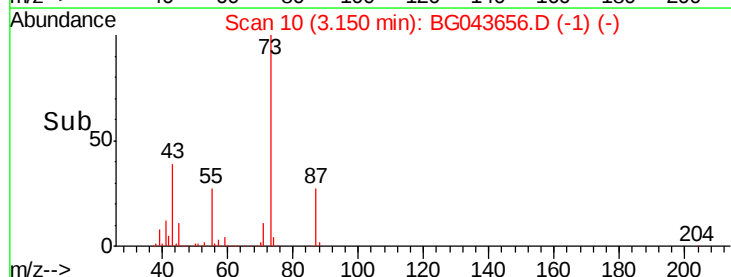
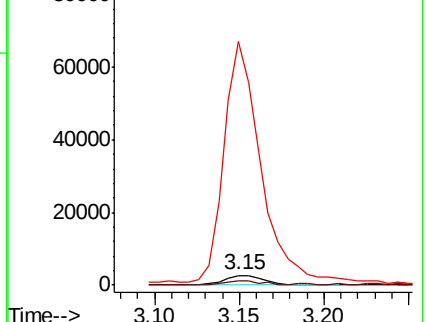
43 2253.6 23.7 35.5#



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: 3.73 min Scan# 108

Delta R.T. -0.15 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

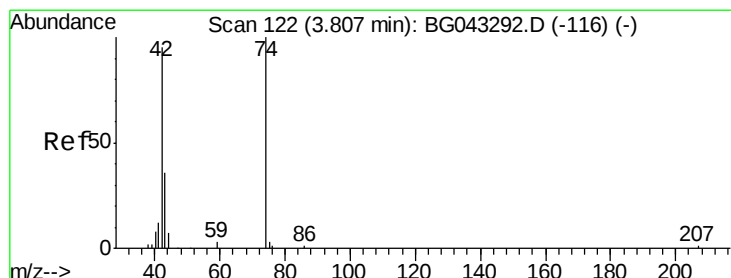
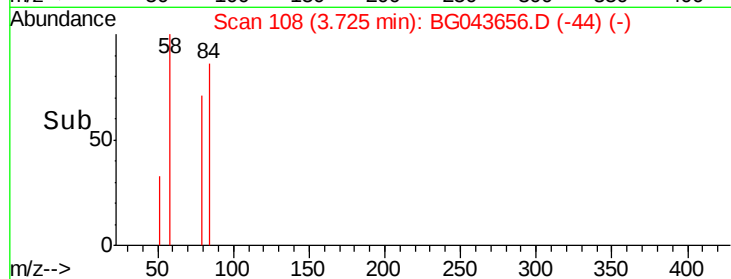
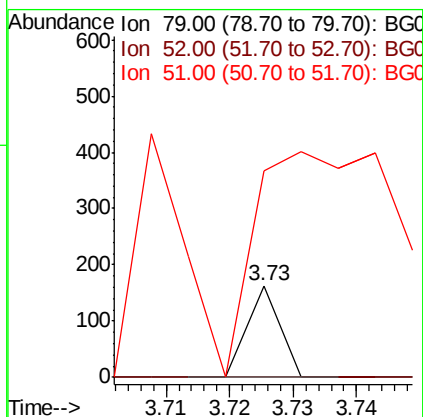
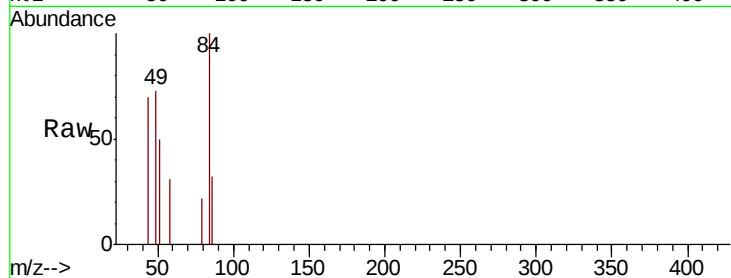
Tot Ion: 79 Resp: 57

Ion Ratio Lower Upper

79 100

52 0.0 56.5 84.7#

51 225.2 33.2 49.8#



#4

n-Nitrosodimethylamine

Concen: 0.119 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

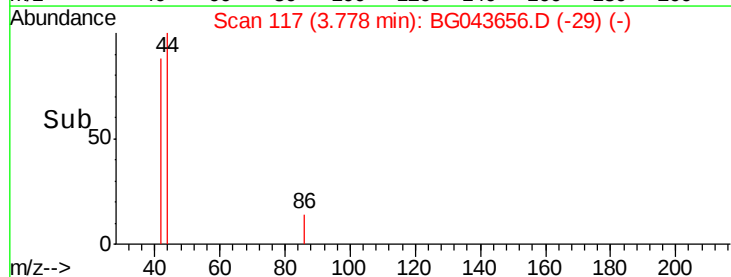
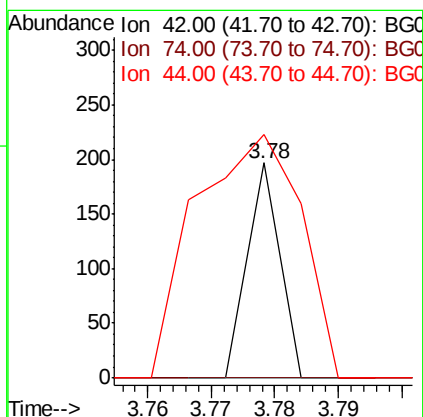
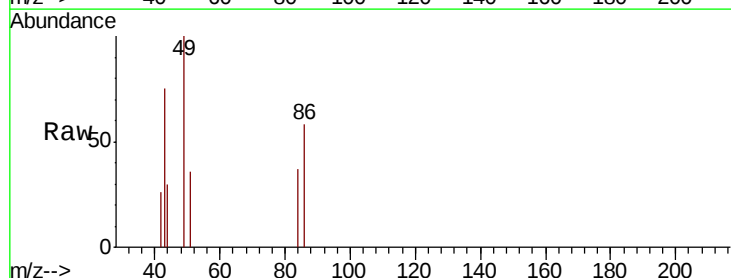
Tgt Ion: 42 Resp: 69

Ion Ratio Lower Upper

42 100

74 0.0 97.3 145.9#

44 113.2 4.4 6.6#





#5

2-Fluorophenol

Concen: 85.610 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

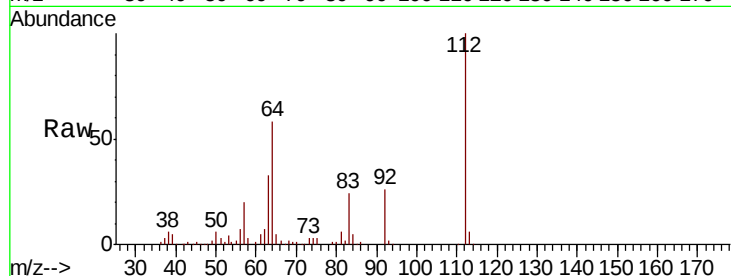
Tot Ion:112 Resp: 99899

Ion Ratio Lower Upper

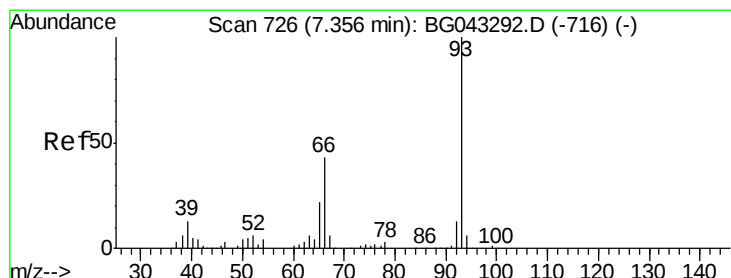
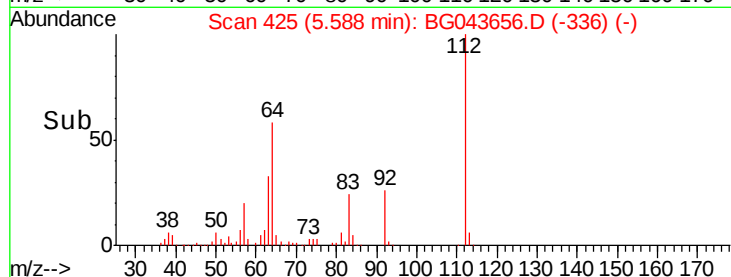
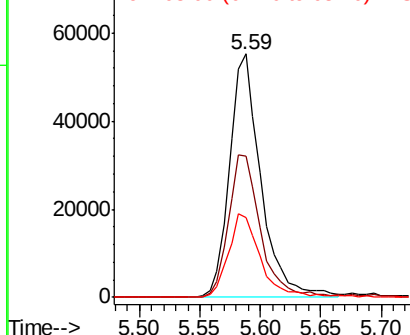
112 100

64 57.9 50.0 75.0

63 32.6 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: 0.156 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.20 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

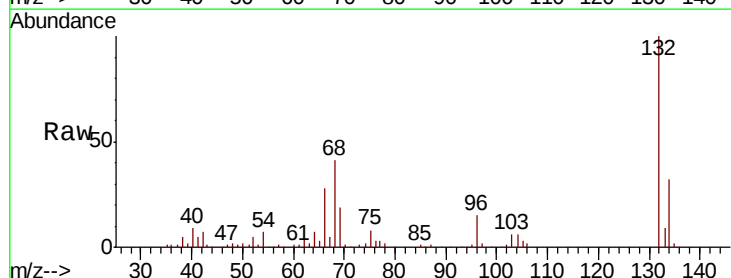
Tgt Ion: 93 Resp: 302

Ion Ratio Lower Upper

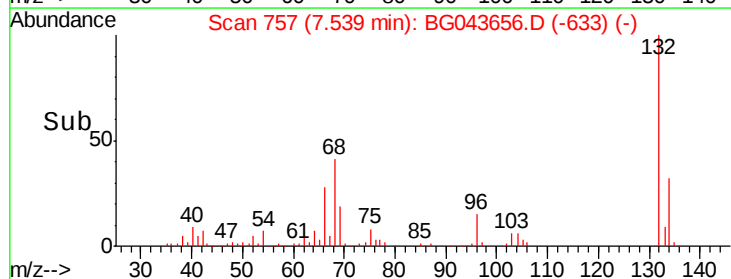
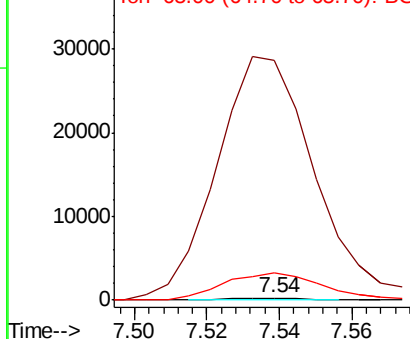
93 100

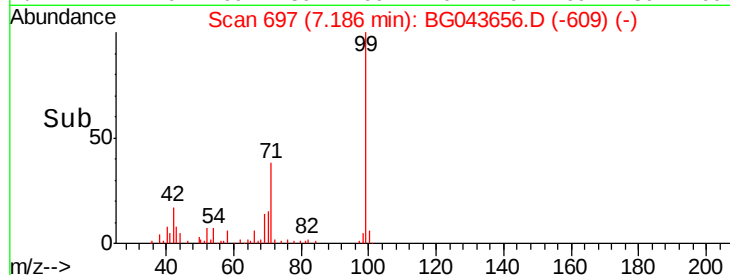
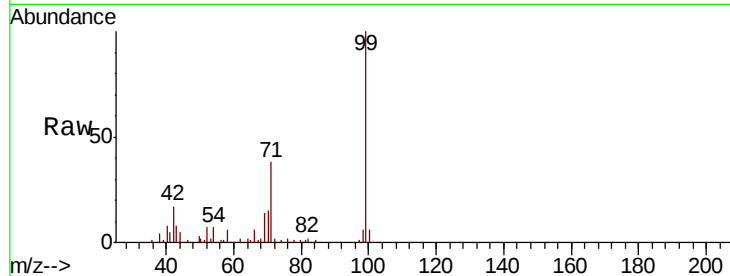
66 11085.3 32.3 48.5#

65 1276.0 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

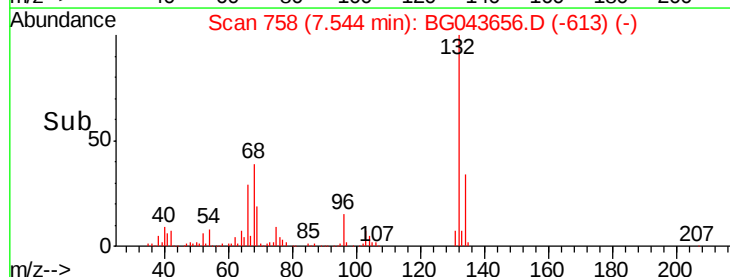
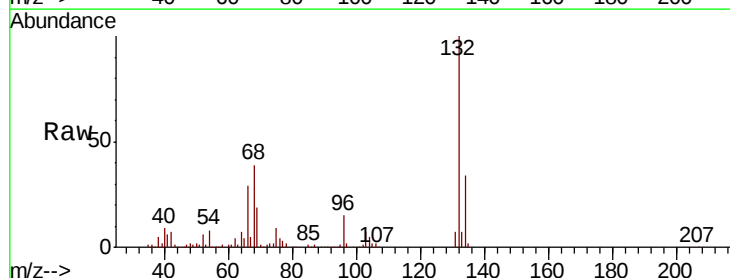
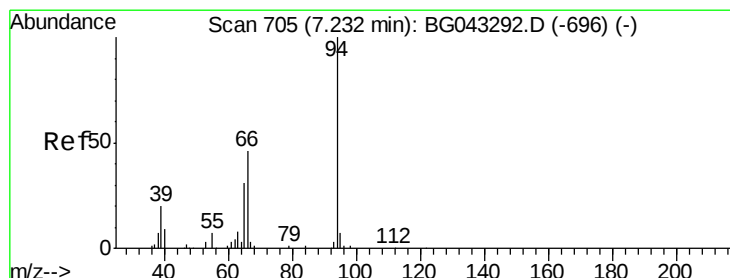
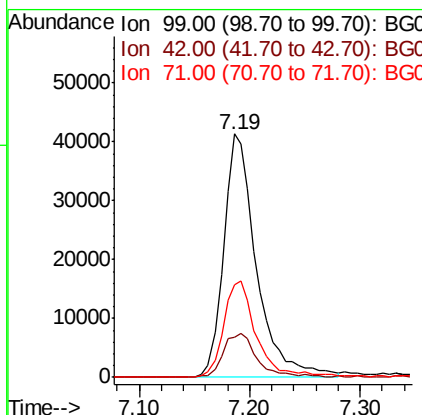




#7
Phenol-d6
Concen: 50.944 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG043656.D
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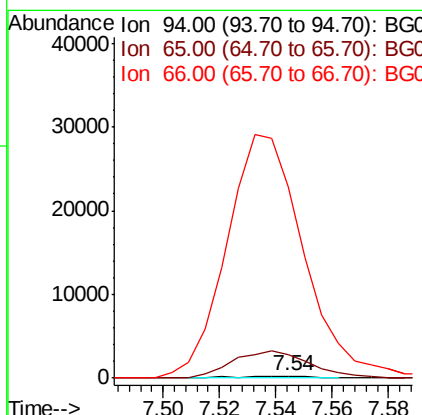
Instrument :
BNA_G
ClientSampled :
PB124801BL

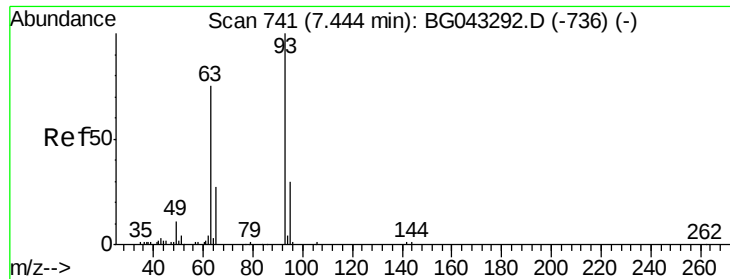
Tot Ion	99	Resp	85531
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.6	21.8
71	38.1	32.5	48.7



#10
Phenol
Concen: 0.247 ng
RT: 7.54 min Scan# 758
Delta R.T. 0.32 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

Tgt Ion	94	Resp	379
Ion Ratio	Lower	Upper	
94	100		
65	1159.0	12.6	52.6#
66	9331.1	30.7	70.7#

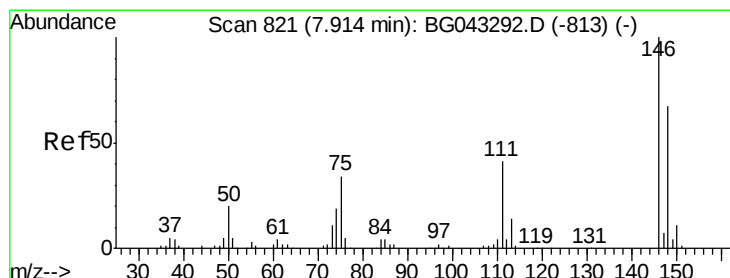
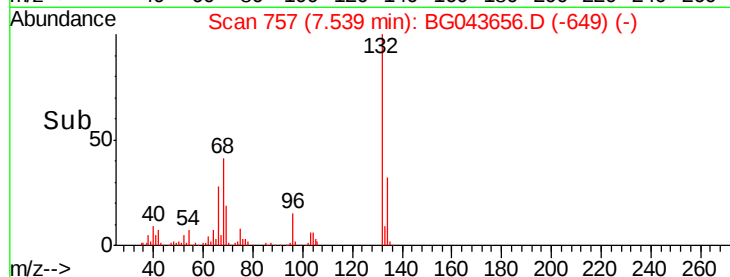
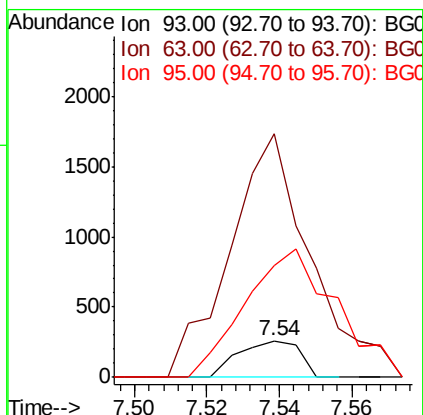
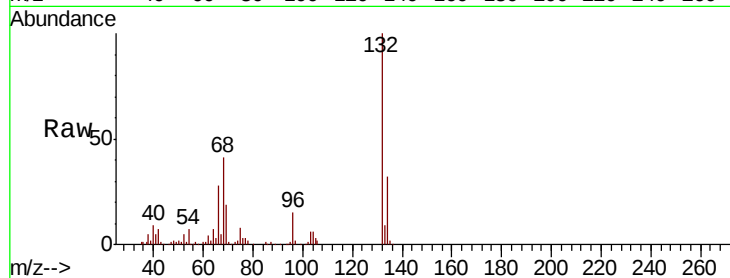




#11
bis(2-Chloroethyl)ether
Concen: 0.255 ng
RT: 7.54 min Scan# 757
Delta R.T. 0.11 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

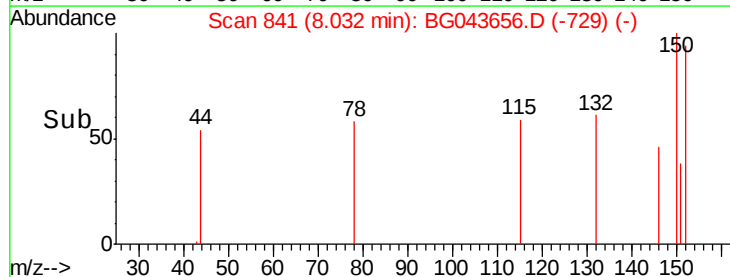
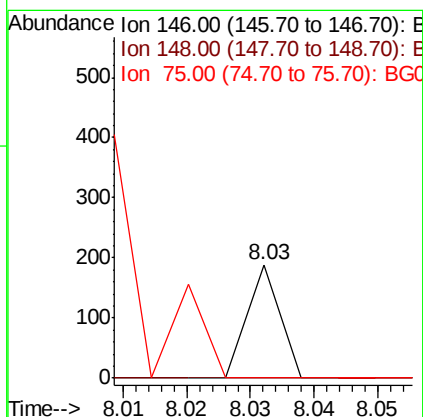
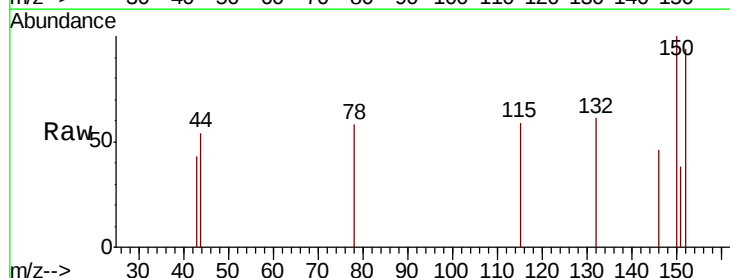
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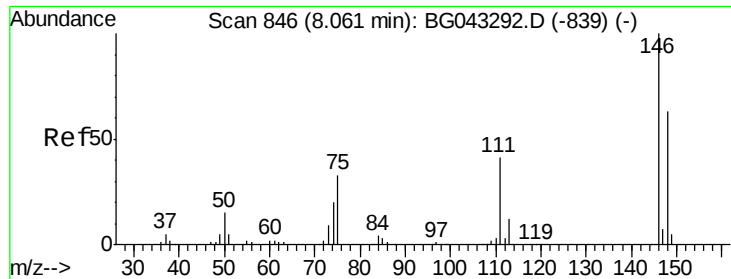
Tot Ion: 93 Resp: 302
Ion Ratio Lower Upper
93 100
63 671.7 56.3 96.3#
95 308.9 12.2 52.2#



#12
1,3-Dichlorobenzene
Concen: 0.042 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.13 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

Tgt Ion: 146 Resp: 67
Ion Ratio Lower Upper
146 100
148 0.0 50.3 75.5#
75 0.0 24.6 37.0#

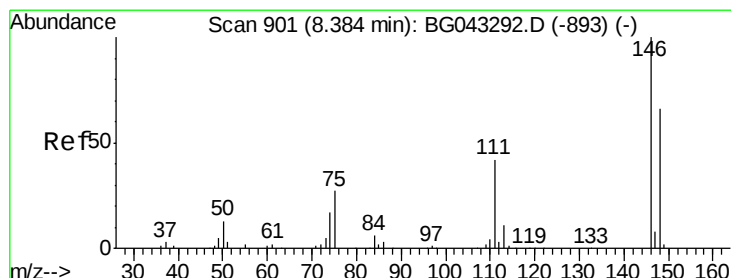
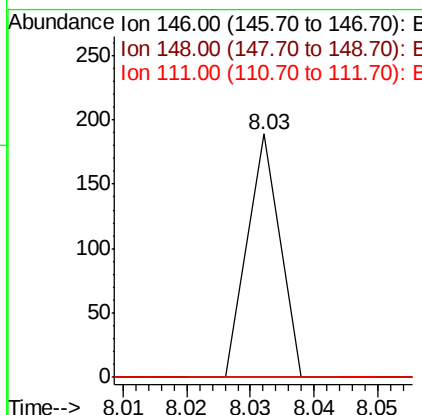
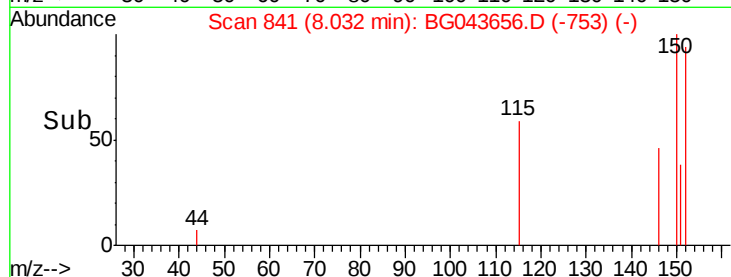
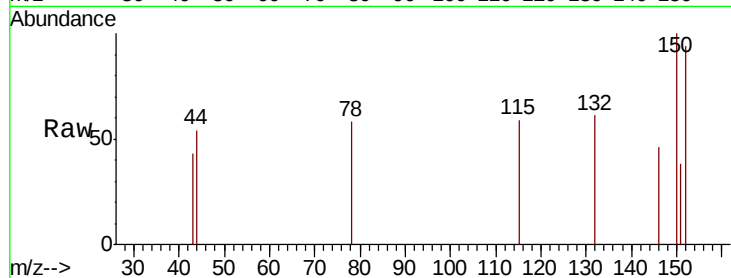




#13
 1,4-Dichlorobenzene
 Concen: 0.041 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

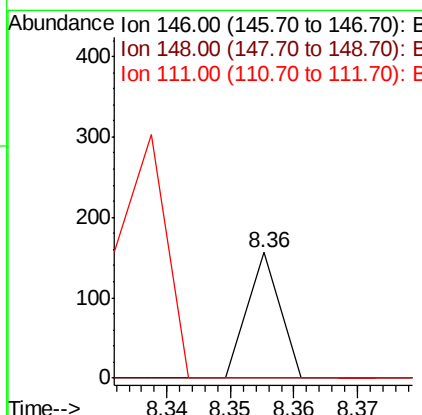
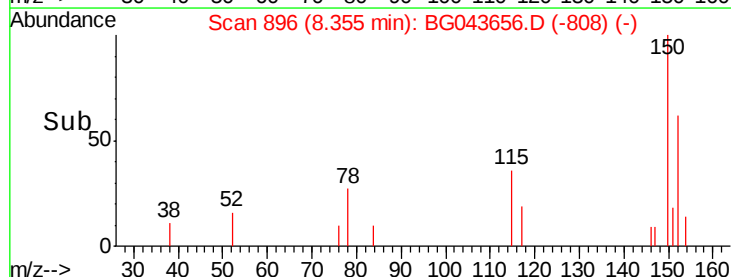
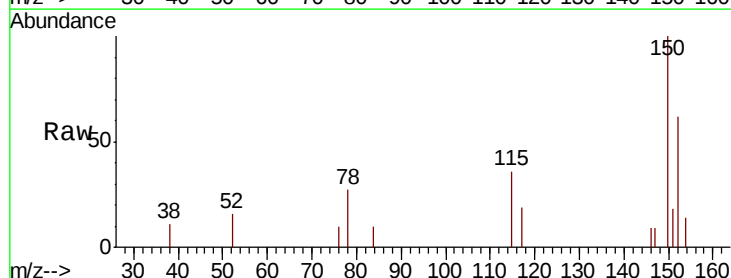
Instrument :
 BNA_G
 ClientSampleID :
 PB124801BL

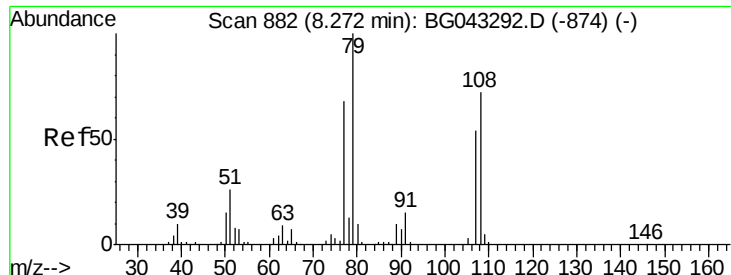
Tot Ion:146 Resp: 67
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.7 76.1#
 111 0.0 33.4 50.2#



#14
 1,2-Dichlorobenzene
 Concen: 0.034 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

Tgt Ion:146 Resp: 55
 Ion Ratio Lower Upper
 146 100
 148 0.0 53.2 79.8#
 111 0.0 35.8 53.6#





#15

Benzyl Alcohol

Concen: 2.163 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.06 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

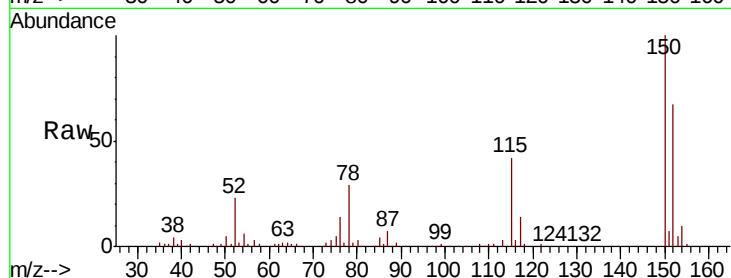
Tot Ion: 79 Resp: 2550

Ion Ratio Lower Upper

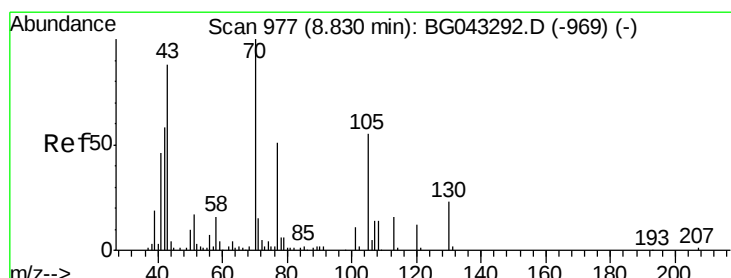
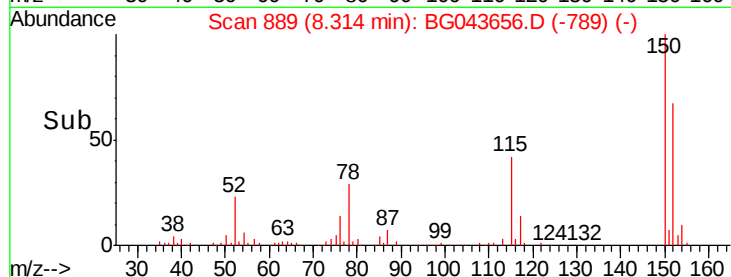
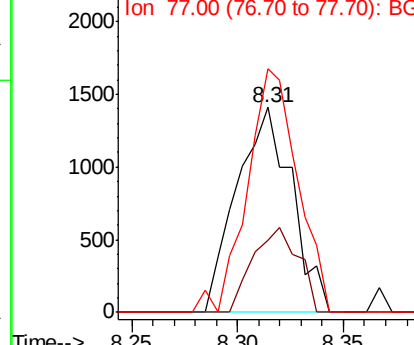
79 100

108 35.1 53.6 80.4#

77 118.8 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: 18.951 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.35 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Tgt Ion: 70 Resp: 20560

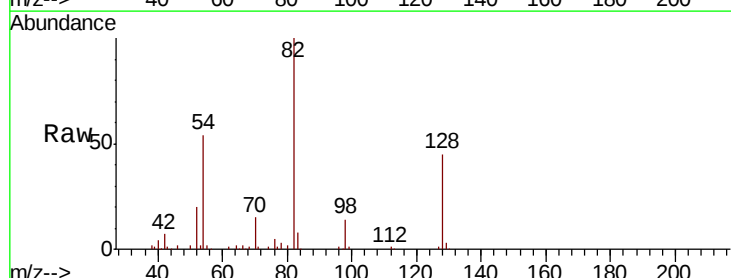
Ion Ratio Lower Upper

70 100

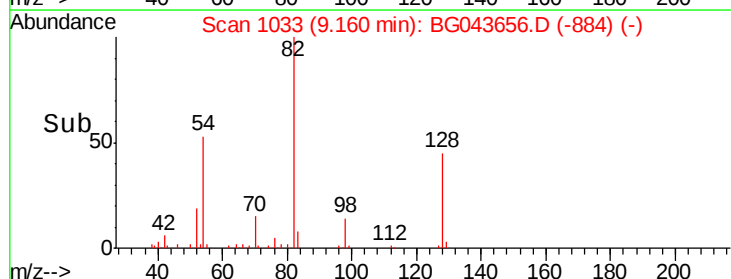
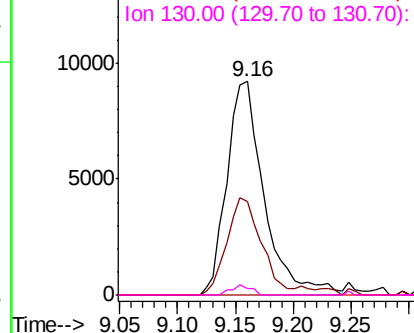
42 44.0 41.4 62.2

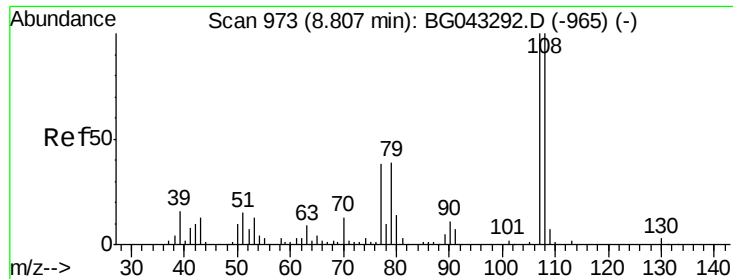
101 0.0 7.9 11.9#

130 2.9 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





#20

3+4-Methylphenols

Concen: 0.036 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.39 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

Tot Ion:107 Resp: 55

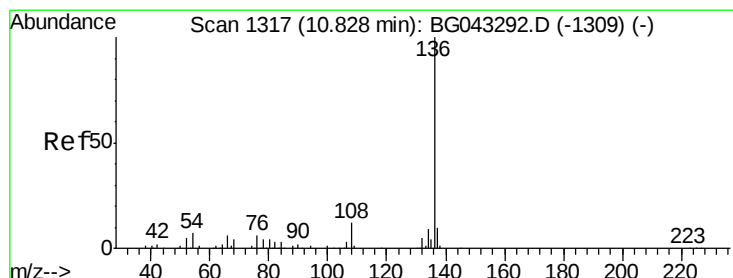
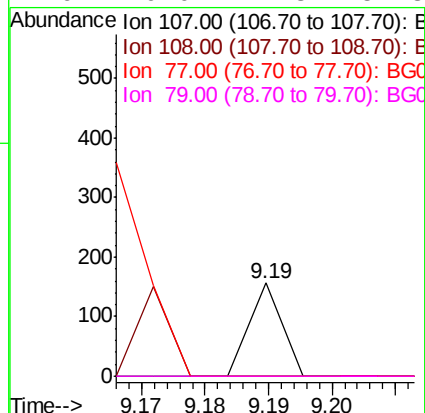
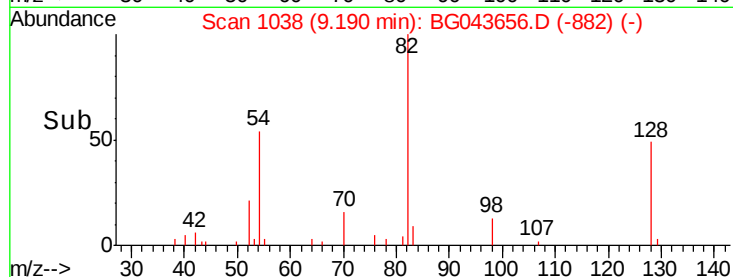
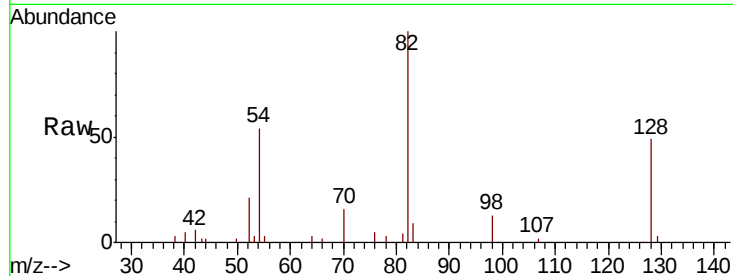
Ion Ratio Lower Upper

107 100

108 0.0 66.6 106.6#

77 0.0 20.9 60.9#

79 0.0 11.3 51.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Tgt Ion:136 Resp: 73338

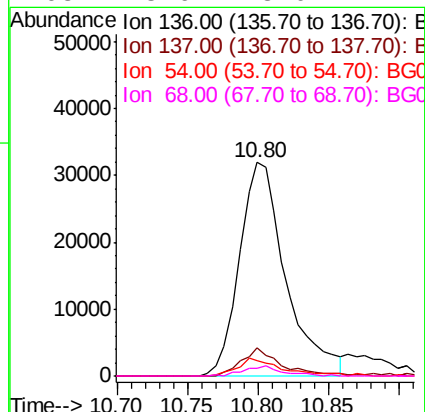
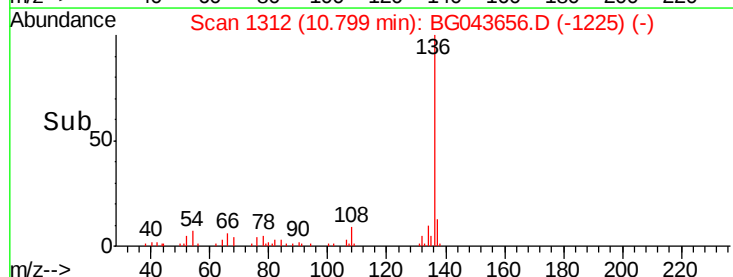
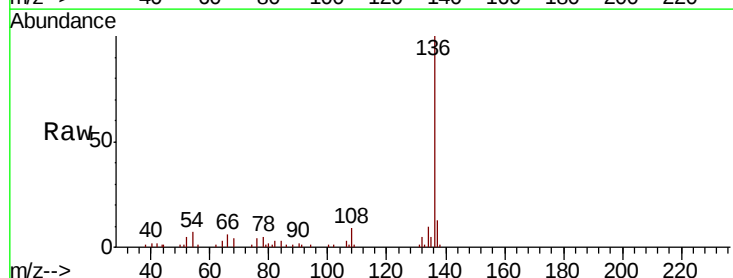
Ion Ratio Lower Upper

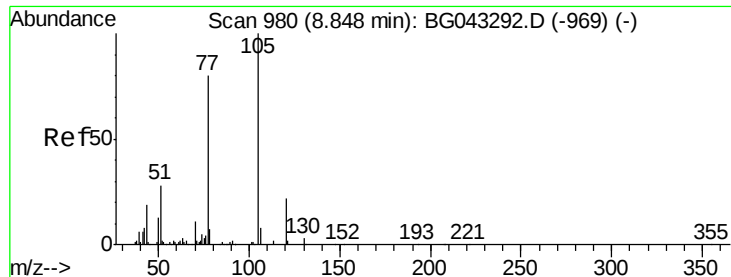
136 100

137 13.1 8.7 13.1#

54 7.5 5.4 8.2

68 3.6 3.0 4.4





#22

Acetophenone

Concen: 0.266 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

Tot Ion:105 Resp: 499

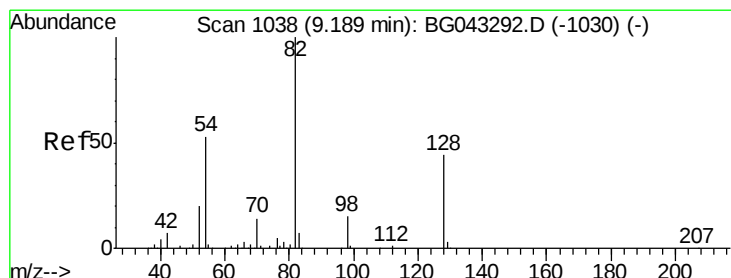
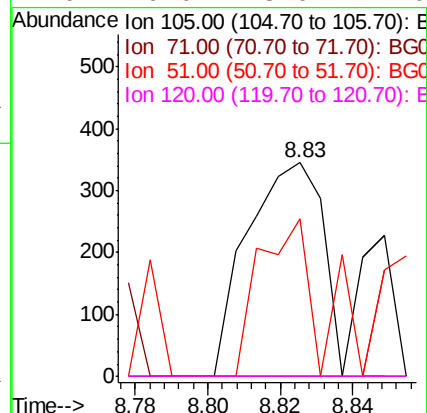
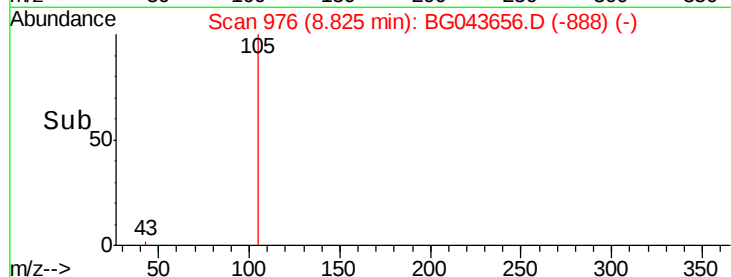
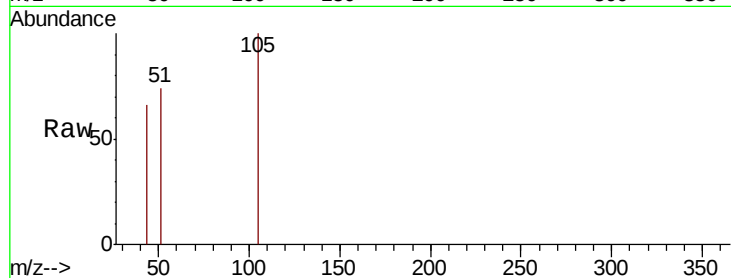
Ion Ratio Lower Upper

105 100

71 0.0 0.8 1.2#

51 73.9 21.0 31.4#

120 0.0 18.0 27.0#



#23

Nitrobenzene-d5

Concen: 102.152 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

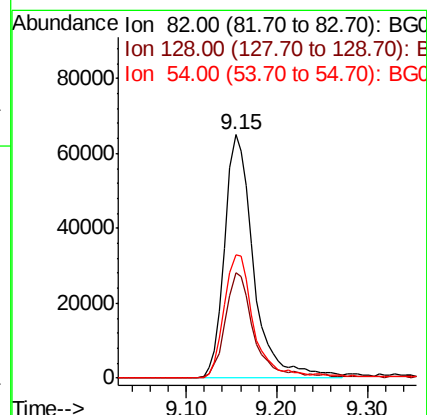
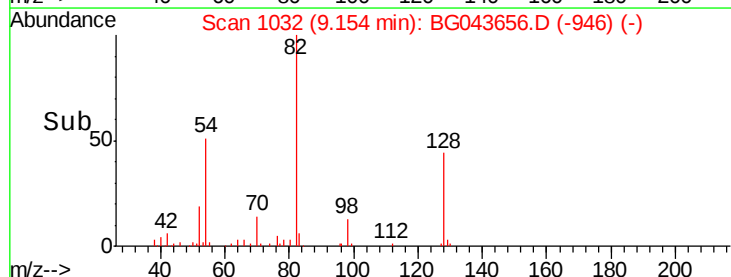
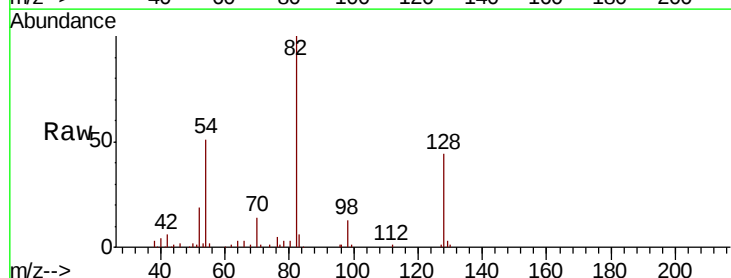
Tgt Ion: 82 Resp: 145314

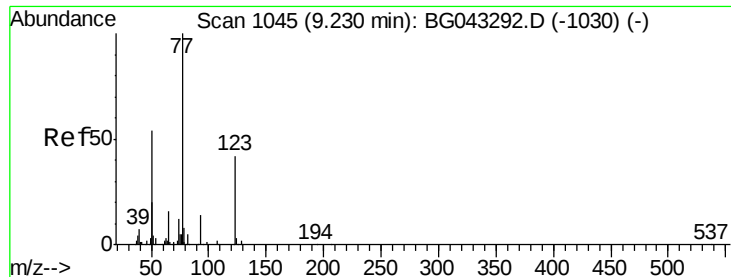
Ion Ratio Lower Upper

82 100

128 43.5 35.0 52.6

54 50.6 40.2 60.2

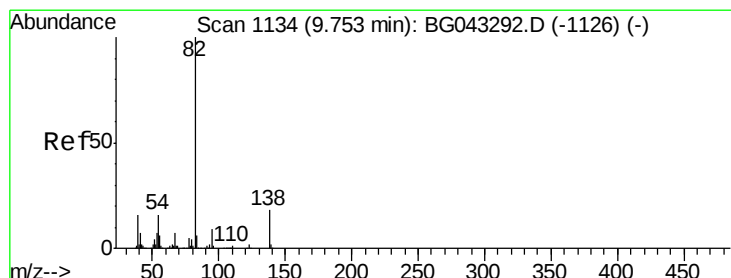
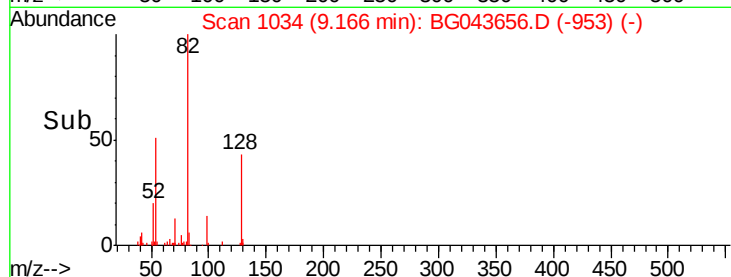
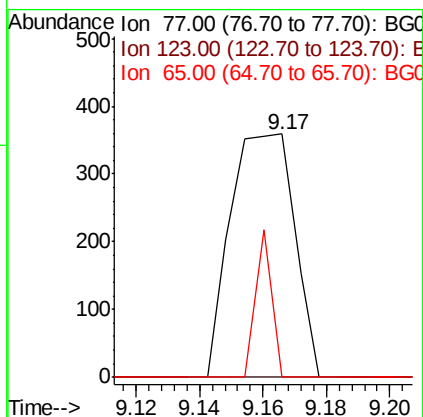
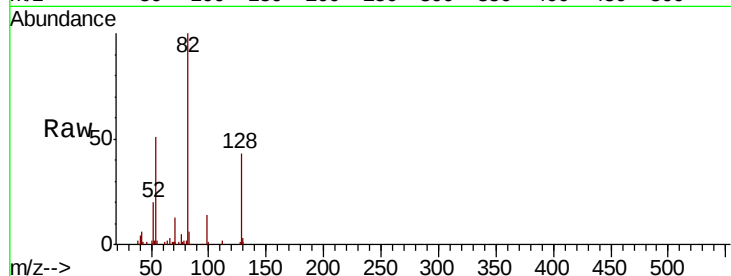




#24
 Nitrobenzene
 Concen: 0.370 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

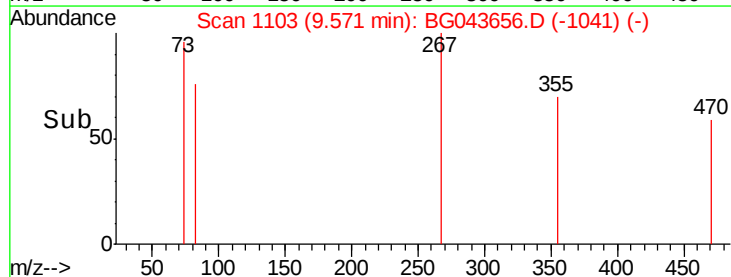
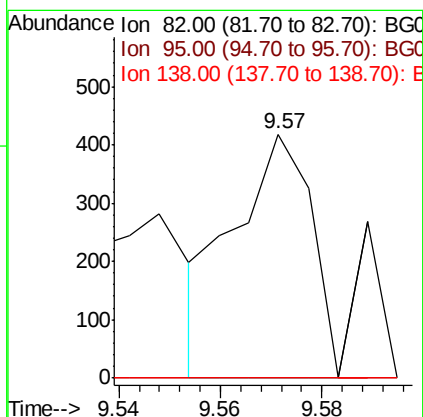
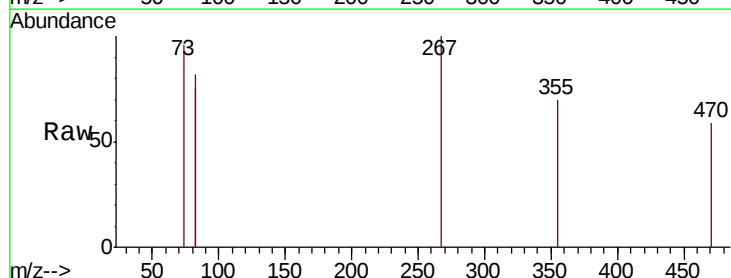
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

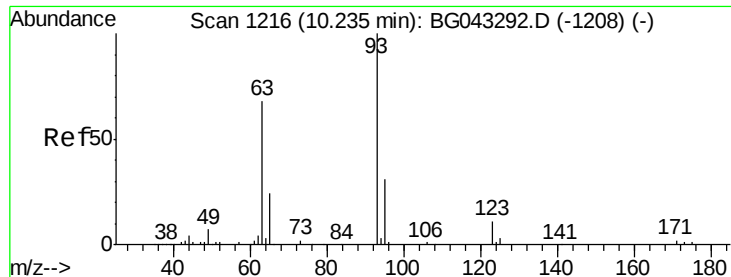
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.6#
65	0.0	9.5	14.3#



#25
 Isophorone
 Concen: 0.170 ng
 RT: 9.57 min Scan# 1103
 Delta R.T. -0.16 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

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

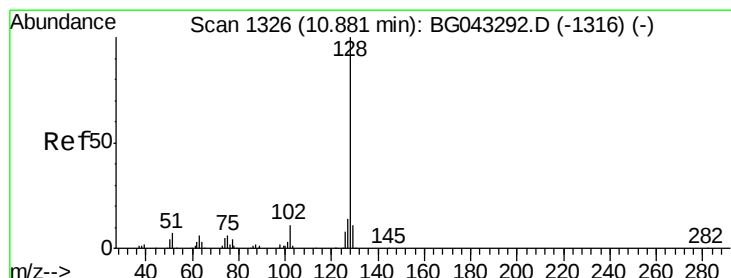
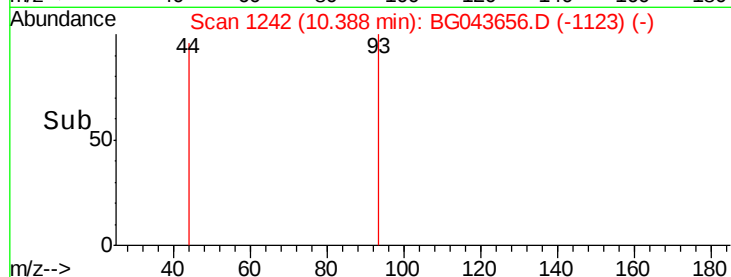
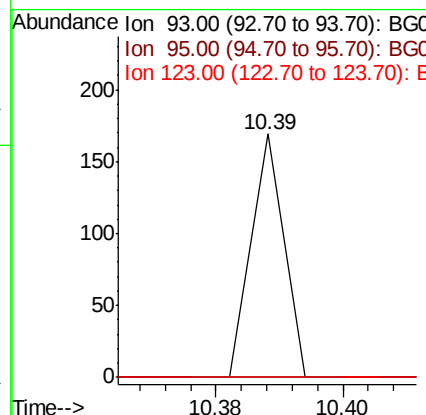
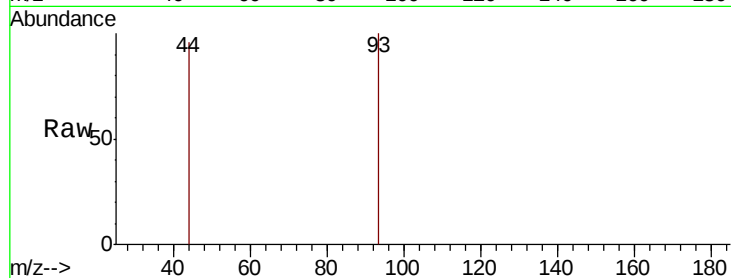




#28
bis(2-Chloroethoxy)methane
Concen: 0.042 ng
RT: 10.39 min Scan# 1242
Delta R.T. 0.17 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

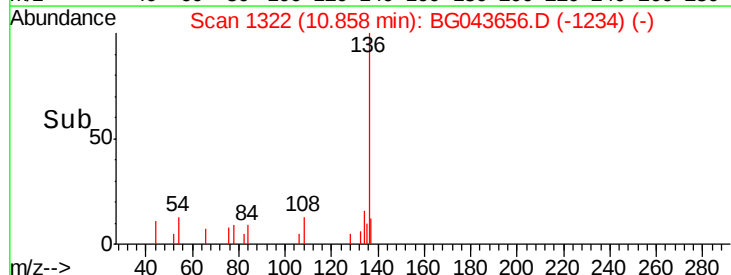
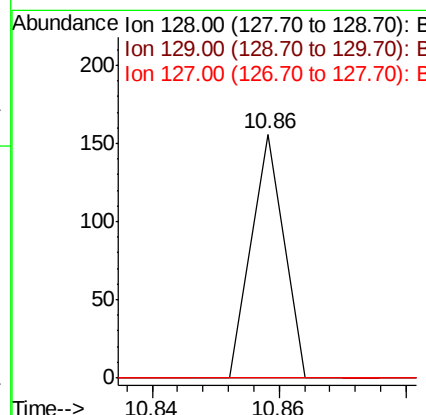
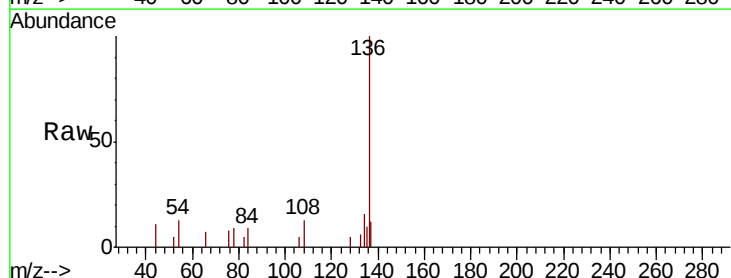
Instrument :
BNA_G
ClientSampleId :
PB124801BL

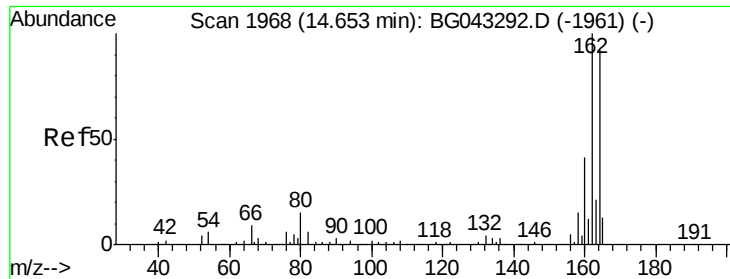
Tot Ion: 93 Resp: 60
Ion Ratio Lower Upper
93 100
95 0.0 26.0 39.0#
123 0.0 10.6 15.8#



#31
Naphthalene
Concen: 0.015 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

Tgt Ion:128 Resp: 55
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.0#
127 0.0 11.1 16.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

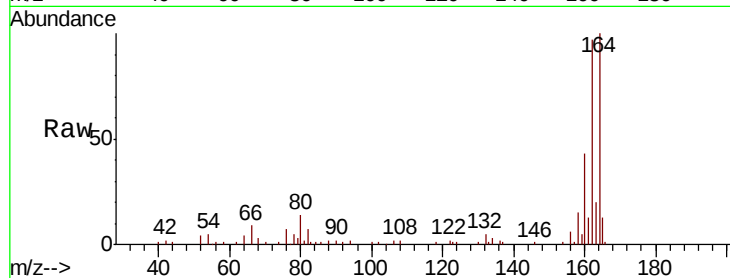
BNA_G

ClientSampleId :

PB124801BL

Tot Ion:164 Resp: 62077

Ion	Ratio	Lower	Upper
164	100		
162	97.0	83.5	125.3
160	43.5	36.5	54.7

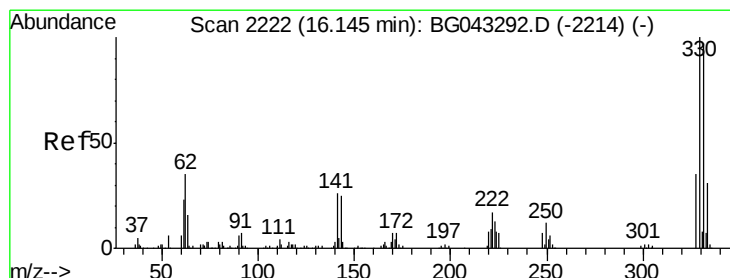
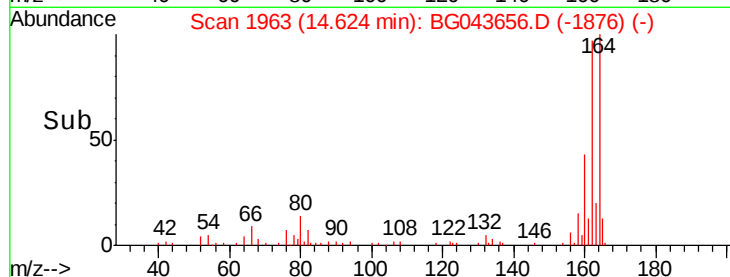
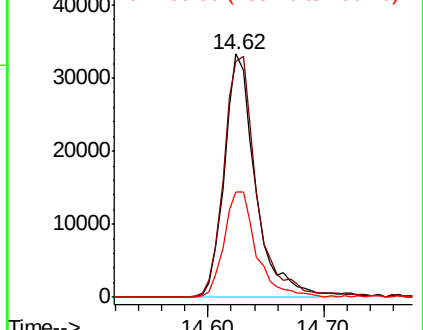


Abundance

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: 137.759 ng

RT: 16.12 min Scan# 2217

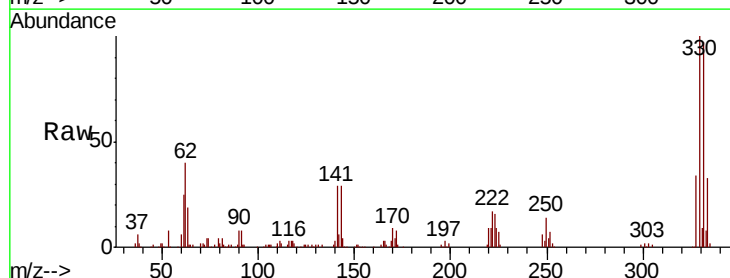
Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Tgt Ion:330 Resp: 162739

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.4	116.0
141	28.7	22.8	34.2

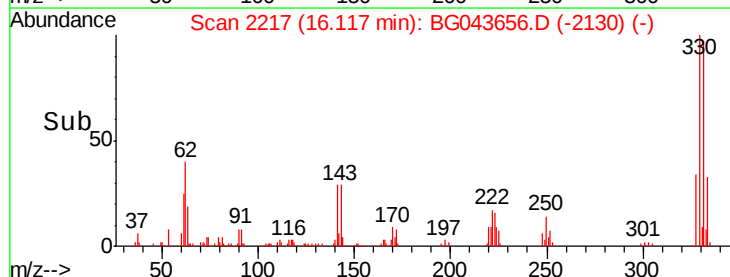
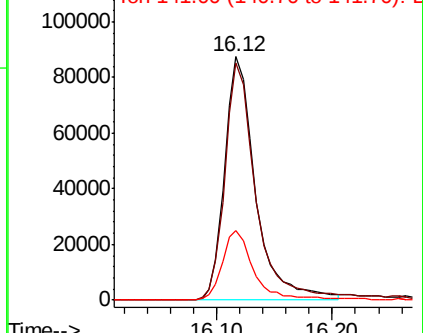


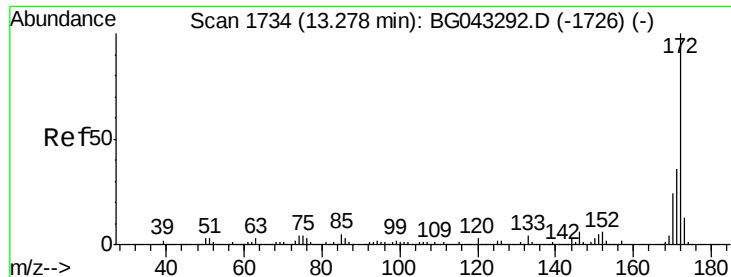
Abundance

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

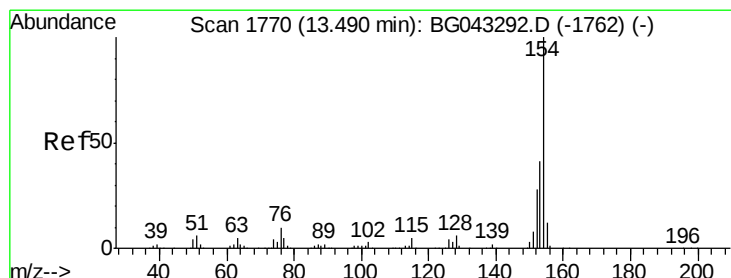
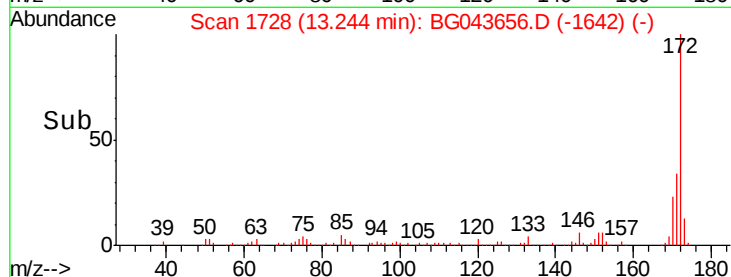
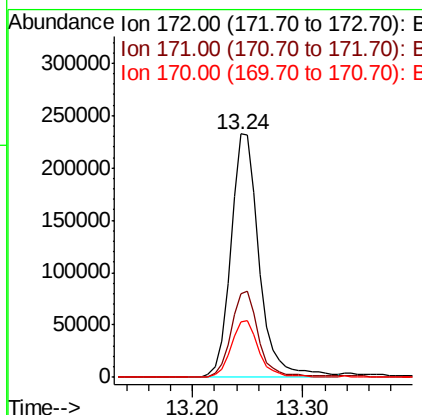
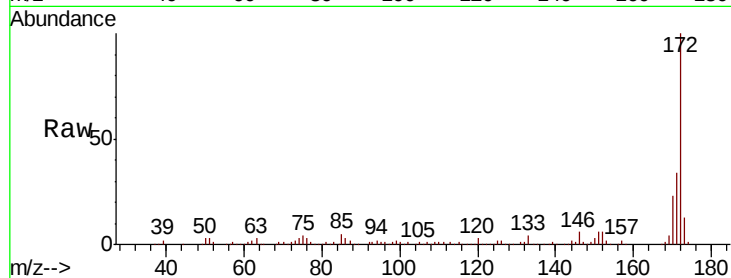




#45
 2-Fluorobiphenyl
 Concen: 93.498 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

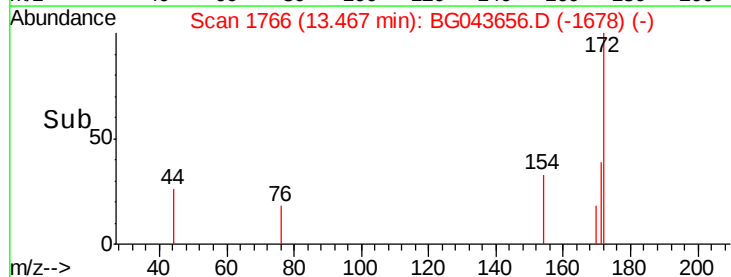
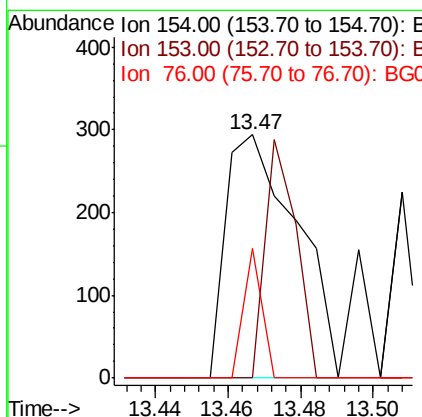
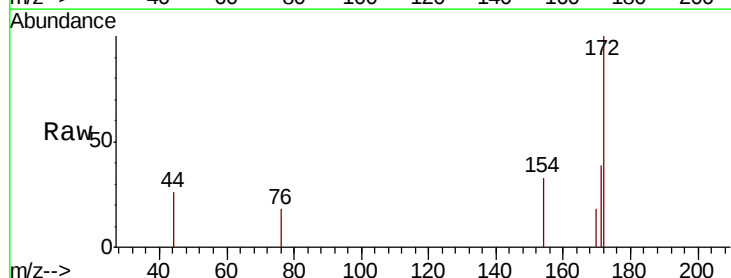
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

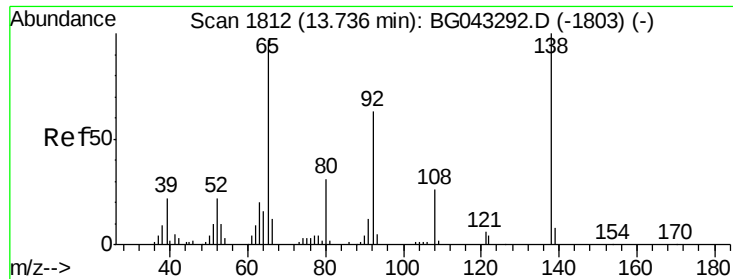
Tot Ion:172 Resp: 420036
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.9 43.3
 170 22.7 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 0.084 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

Tgt Ion:154 Resp: 399
 Ion Ratio Lower Upper
 154 100
 153 0.0 19.9 59.9#
 76 53.1 0.0 29.4#

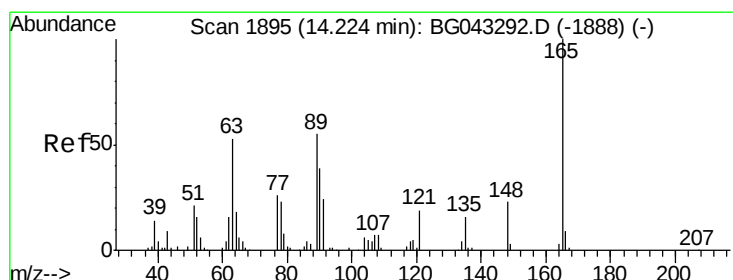
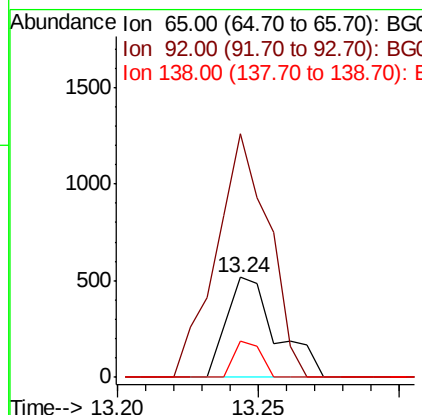
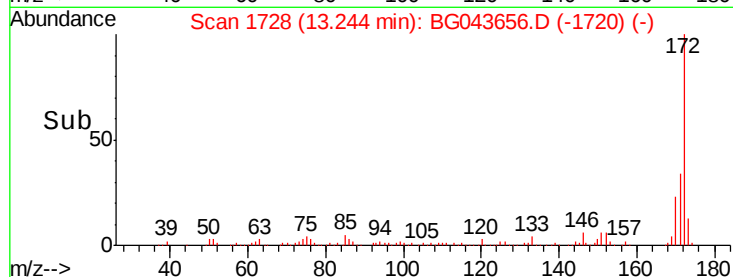
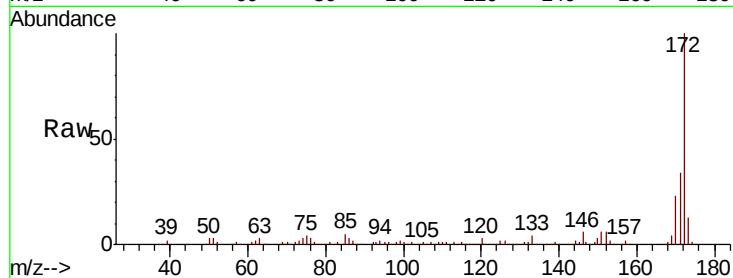




#48
2-Nitroaniline
Concen: 0.588 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.48 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

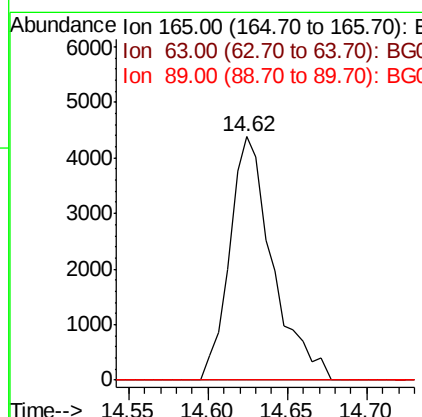
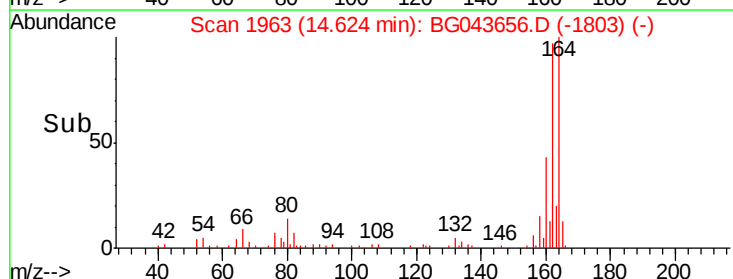
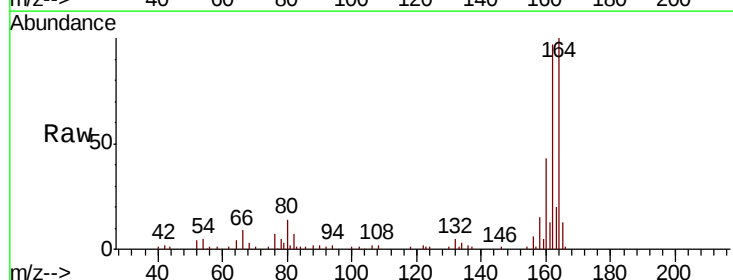
Instrument :
BNA_G
ClientSampleId :
PB124801BL

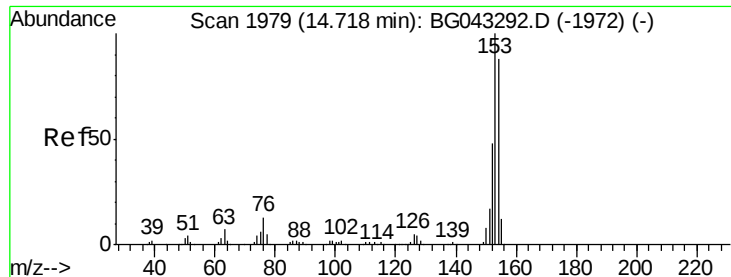
Tot Ion: 65 Resp: 632
Ion Ratio Lower Upper
65 100
92 244.0 56.2 84.2#
138 35.9 82.6 123.8#



#51
2,6-Dinitrotoluene
Concen: 7.858 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.41 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

Tgt Ion: 165 Resp: 8208
Ion Ratio Lower Upper
165 100
63 0.0 46.6 69.8#
89 0.0 45.1 67.7#





#52

Acenaphthene

Concen: 0.089 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.09 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

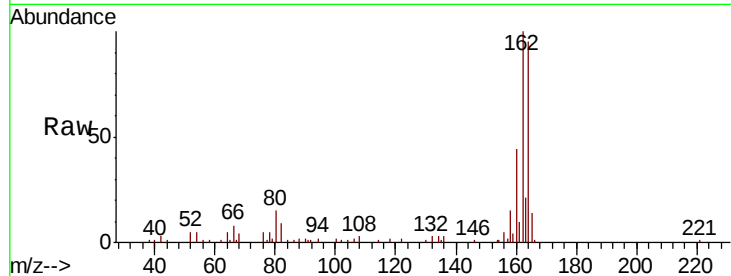
Tot Ion:154 Resp: 305

Ion Ratio Lower Upper

154 100

153 0.0 88.2 132.2#

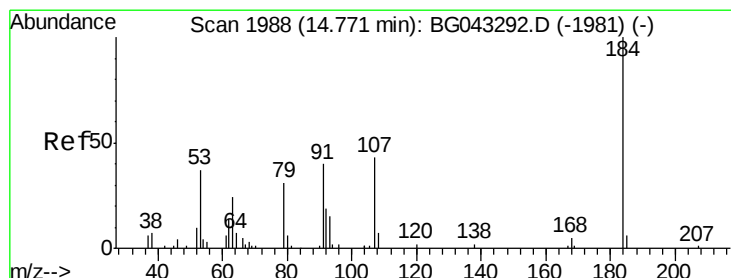
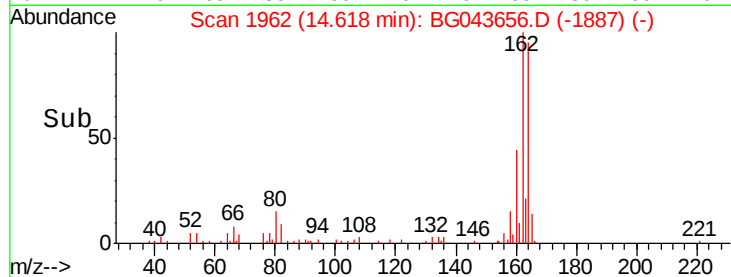
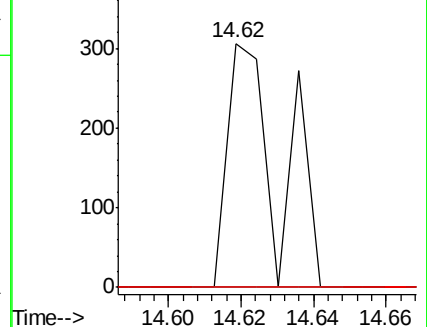
152 0.0 40.0 60.0#



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



#54

2,4-Dinitrophenol

Concen: 7.362 ng

RT: 14.30 min Scan# 1907

Delta R.T. -0.46 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

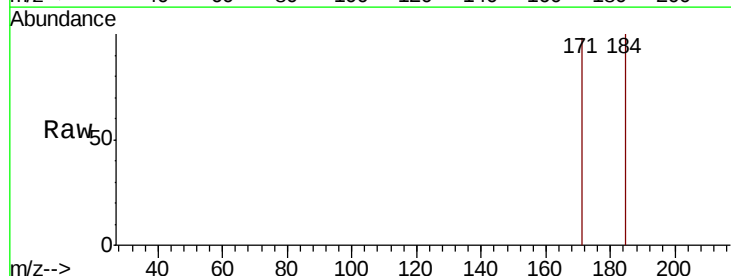
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 51.3 76.9#

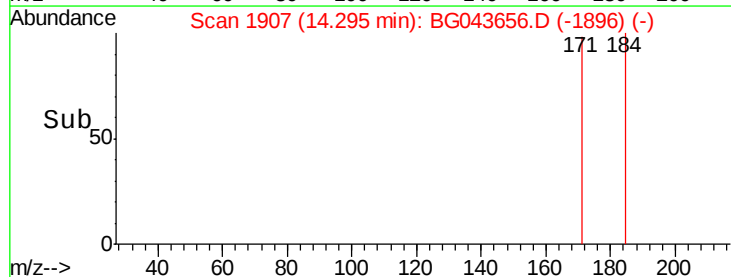
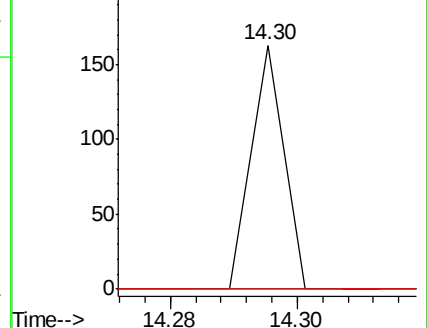
154 0.0 55.4 83.0#

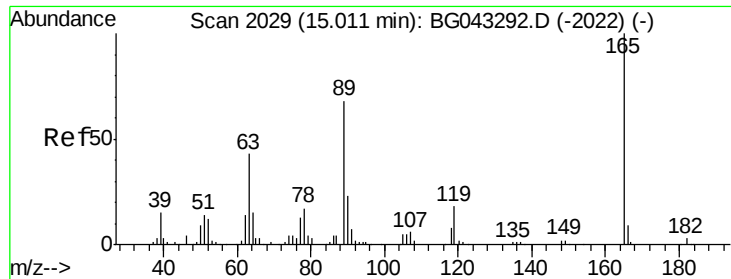


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

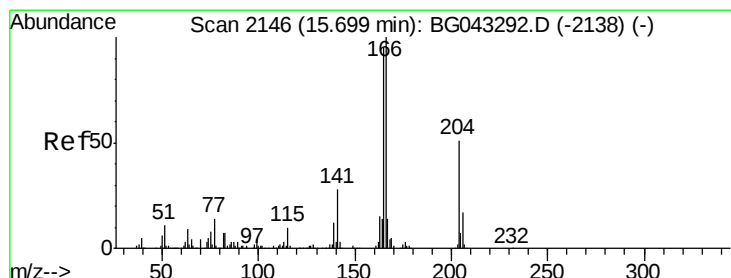
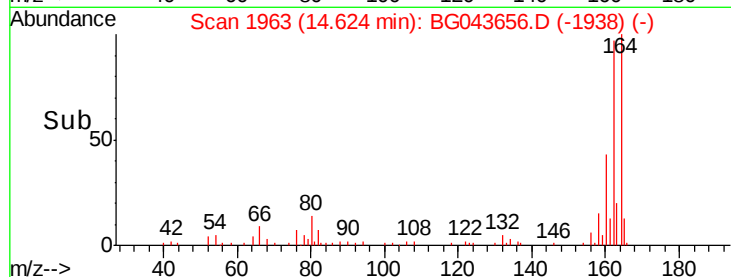
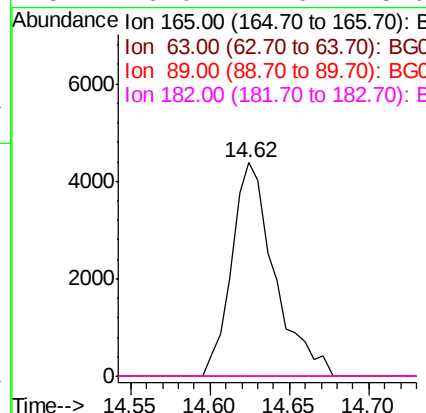
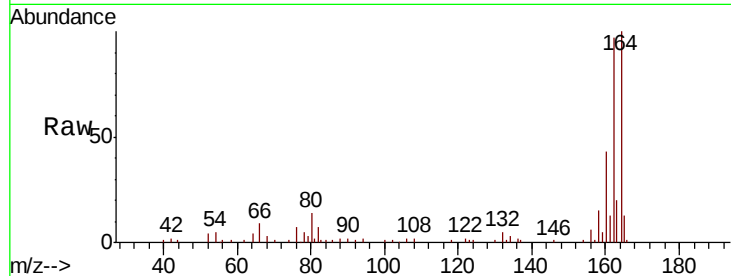




#57
 2,4-Dinitrotoluene
 Concen: 5.498 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.38 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

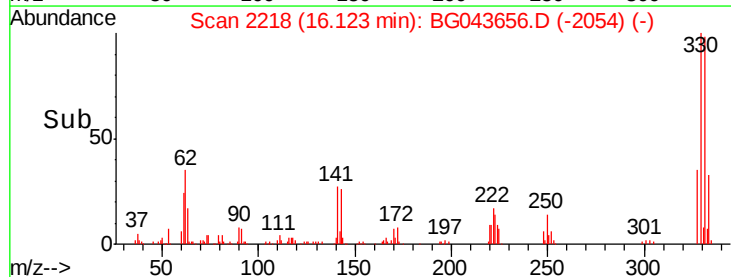
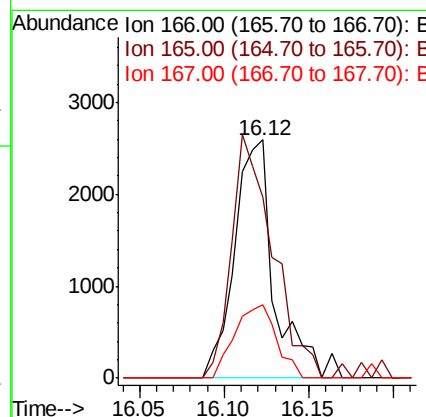
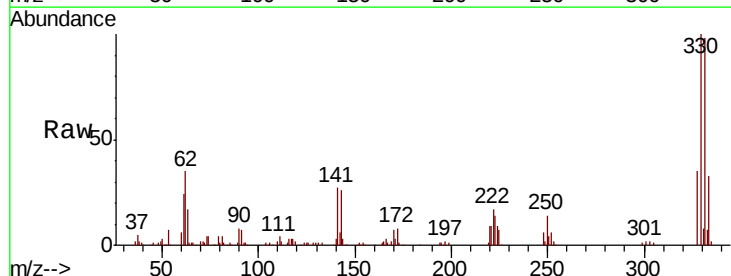
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

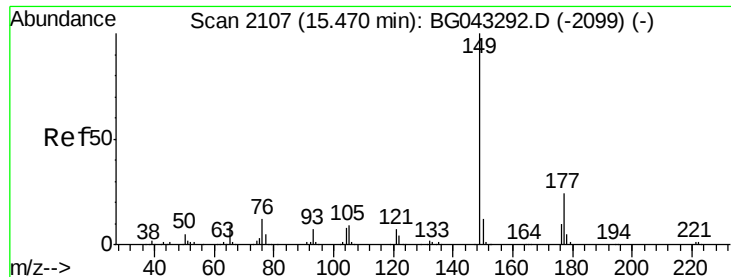
Tot Ion:165	Resp: 8208
Ion Ratio	Lower Upper
165 100	
63 0.0	33.2 49.8#
89 0.0	52.2 78.4#
182 0.0	2.0 3.0#



#58
 Fluorene
 Concen: 0.922 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. 0.44 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

Tgt	Ion:166	Resp:	4276
Ion	Ratio	Lower	Upper
166	100		
165	76.1	79.0	118.6#
167	31.0	10.5	15.7#





#60

Diethylphthalate

Concen: 0.028 ng

RT: 15.45 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

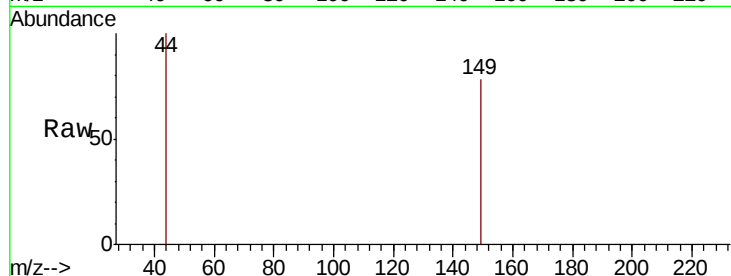
Tot Ion:149 Resp: 133

Ion Ratio Lower Upper

149 100

177 0.0 19.6 29.4#

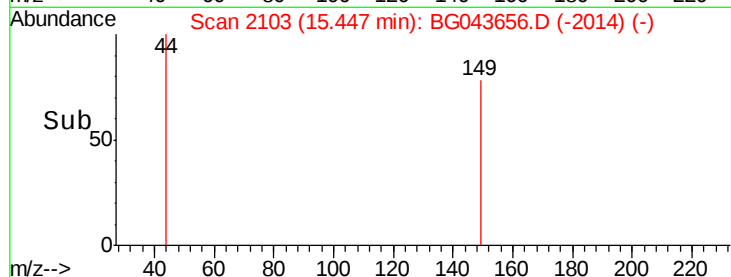
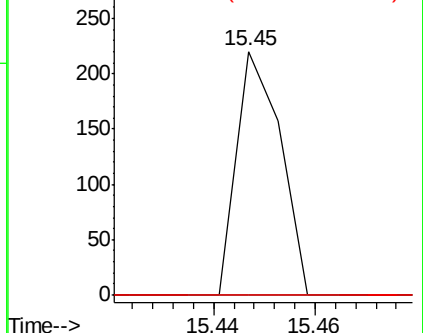
150 0.0 10.8 16.2#



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: 0.161 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.15 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Tgt Ion: 77 Resp: 628

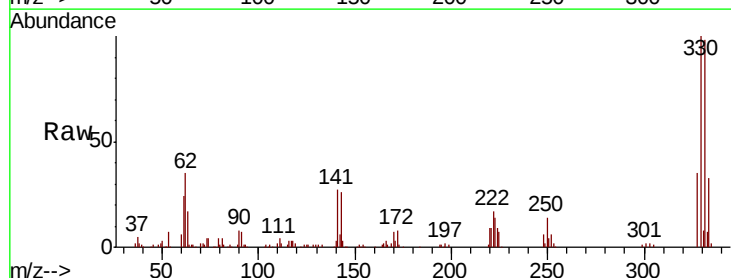
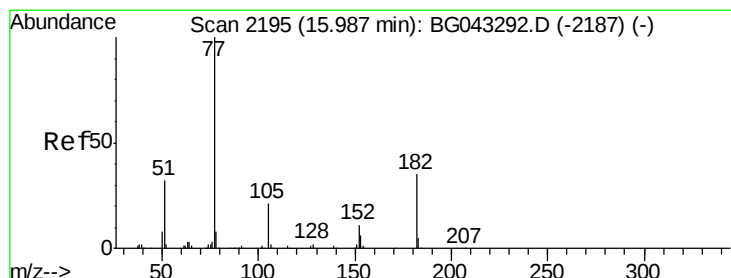
Ion Ratio Lower Upper

77 100

182 0.0 13.7 53.7#

105 79.6 0.4 40.4#

51 57.7 11.0 51.0#

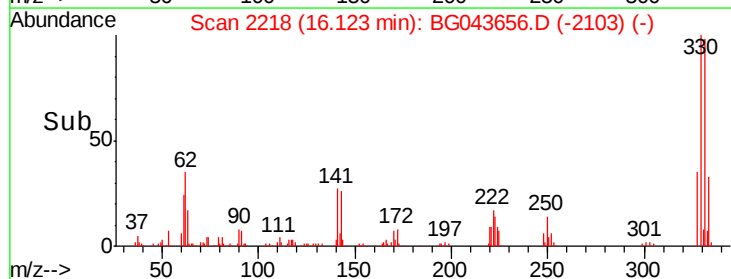
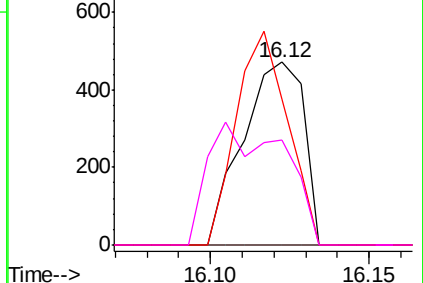


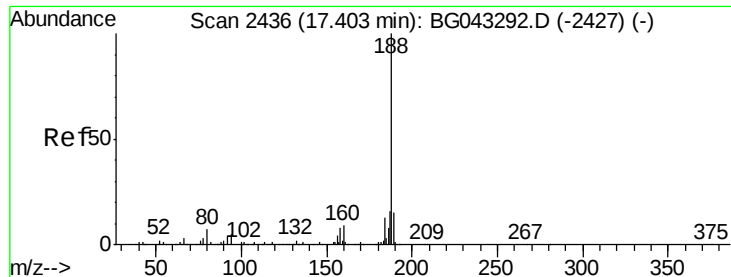
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

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: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

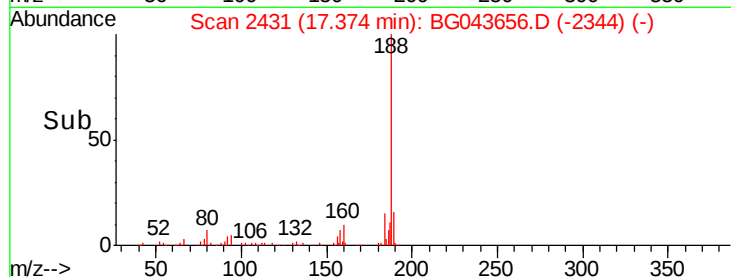
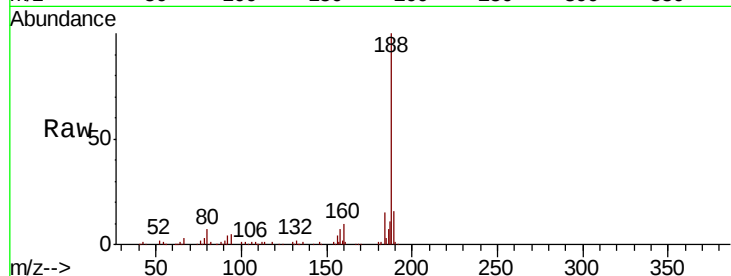
Tot Ion:188 Resp: 165236

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

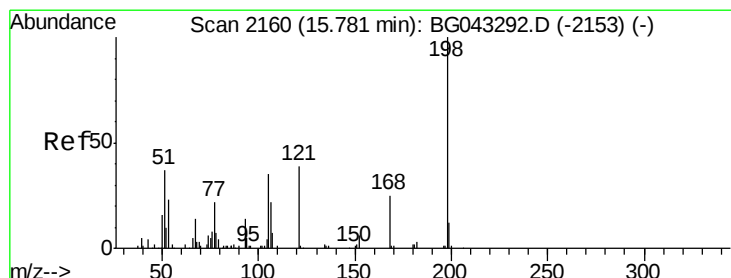
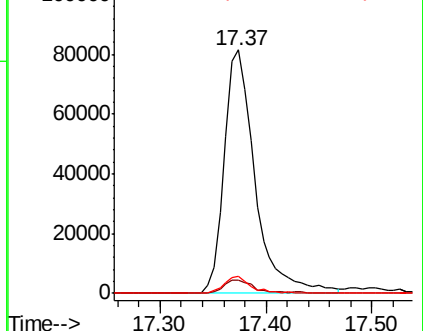
80 6.8 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.264 ng

RT: 16.12 min Scan# 2217

Delta R.T. 0.34 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

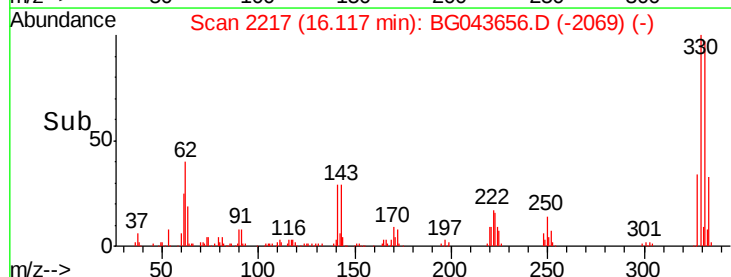
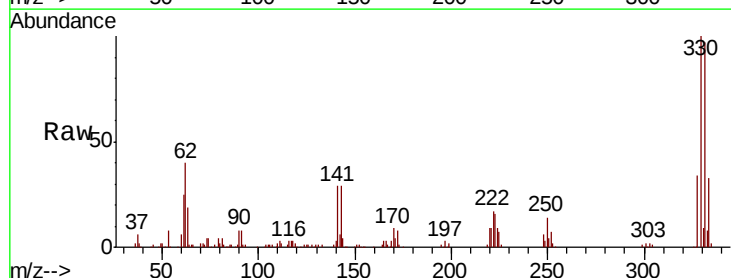
Tgt Ion:198 Resp: 257

Ion Ratio Lower Upper

198 100

51 92.6 13.2 53.2#

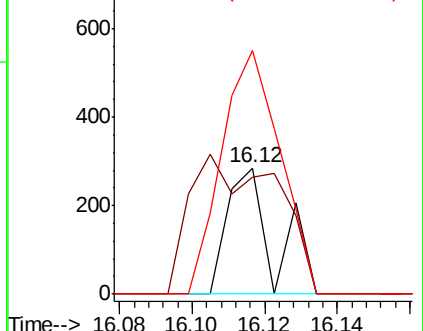
105 193.3 15.8 55.8#

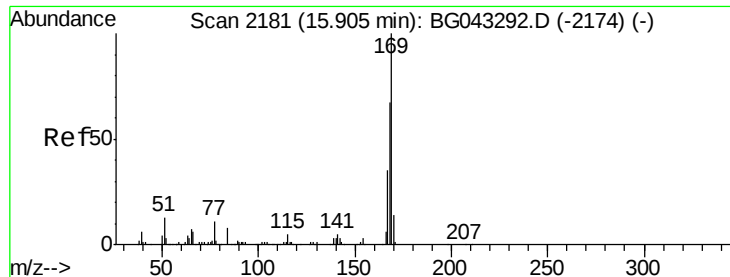


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

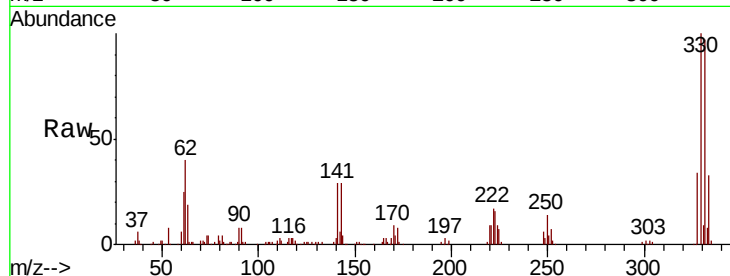




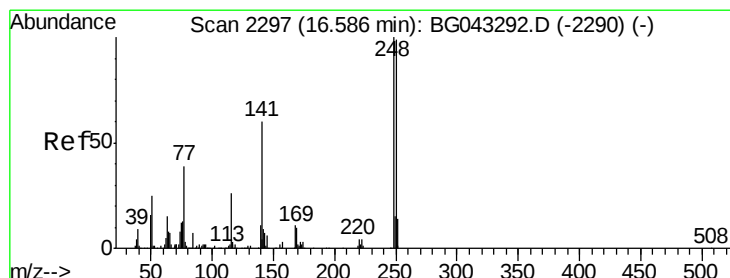
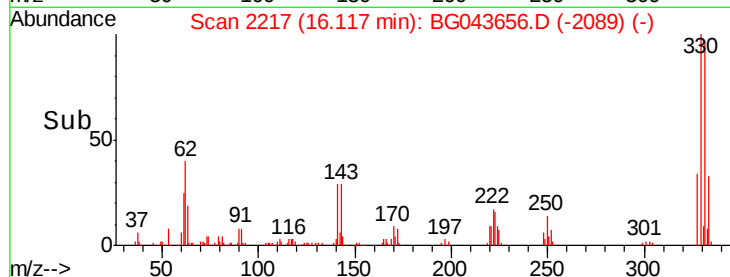
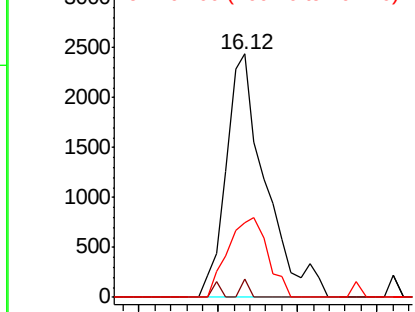
#66
 n-Nitrosodiphenylamine
 Concen: 0.899 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. 0.22 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

Tot Ion:169 Resp: 4193
 Ion Ratio Lower Upper
 169 100
 168 7.5 53.8 80.6#
 167 30.5 27.5 41.3

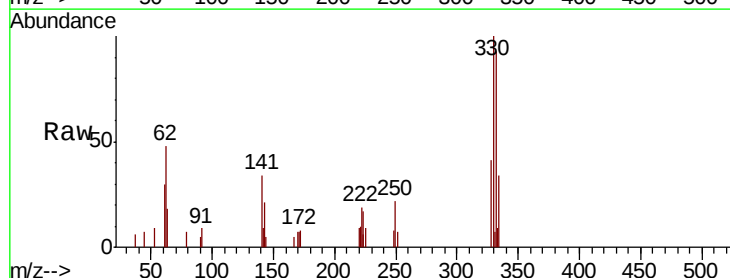


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

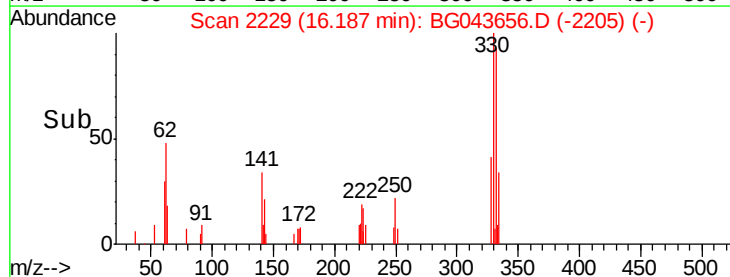
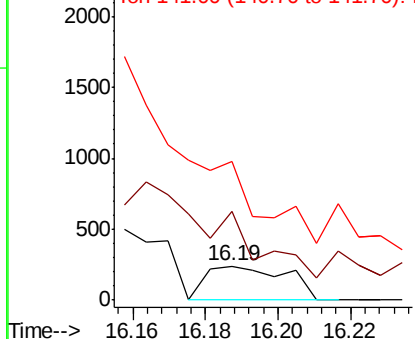


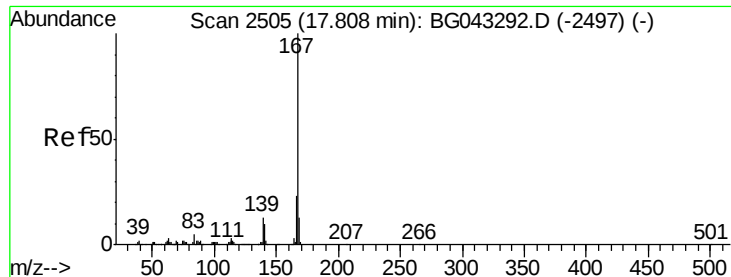
#67
 4-Bromophenyl-phenylether
 Concen: 0.165 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.39 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

Tgt Ion:248 Resp: 367
 Ion Ratio Lower Upper
 248 100
 250 260.4 77.0 115.4#
 141 406.7 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

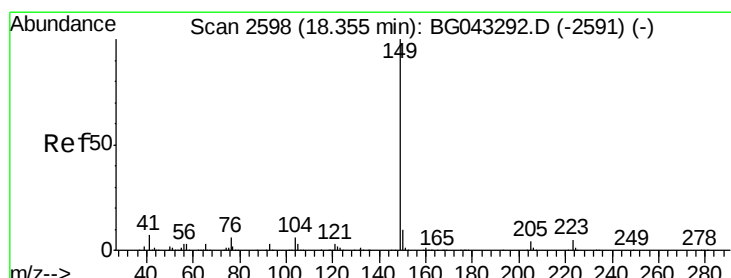
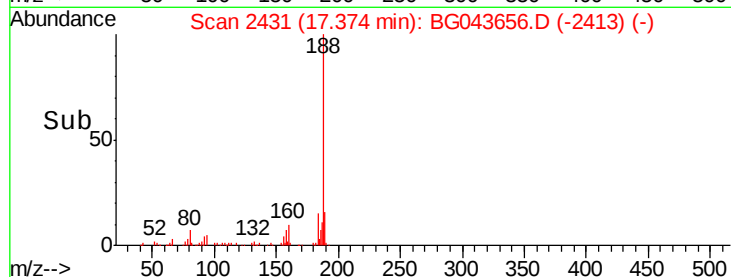
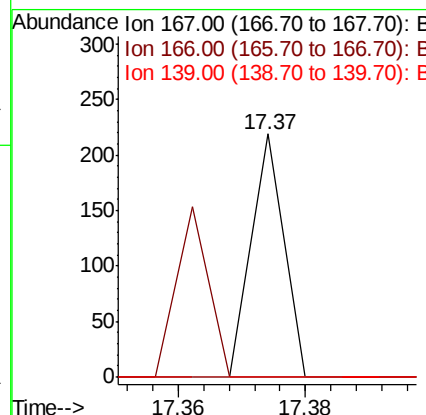
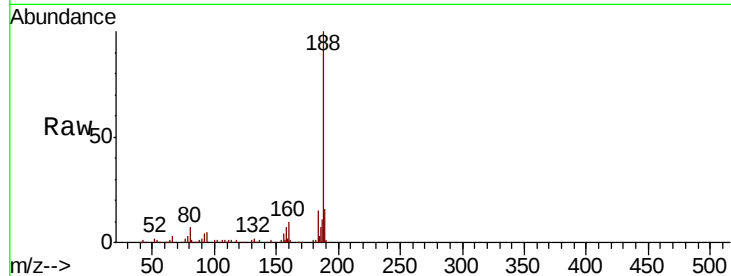




#73
 Carbazole
 Concen: 0.010 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.42 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

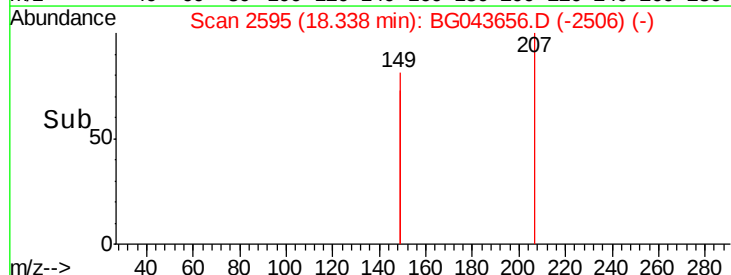
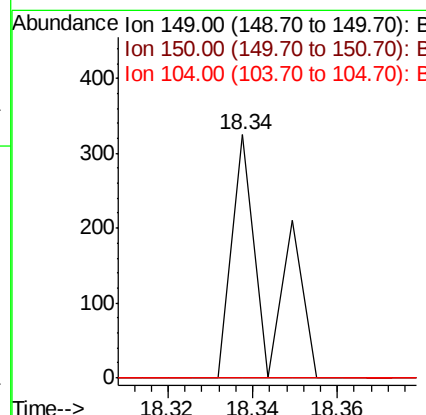
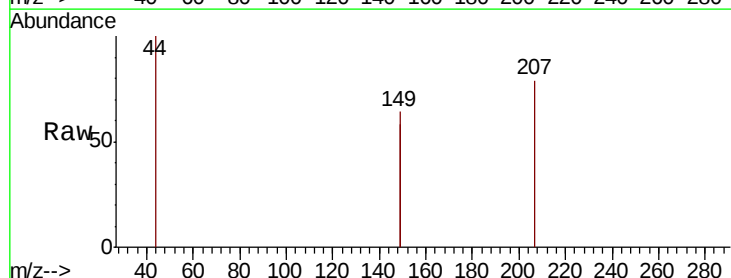
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

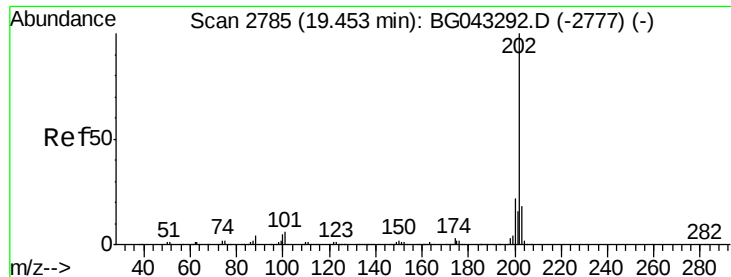
Tot Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.7	28.1#
139	0.0	10.0	15.0#



#74
 Di-n-butylphthalate
 Concen: 0.020 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG043656.D
 Acq: 15 Nov 2019 18:36

Tgt 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: 19.37 min Scan# 2771

Delta R.T. -0.07 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

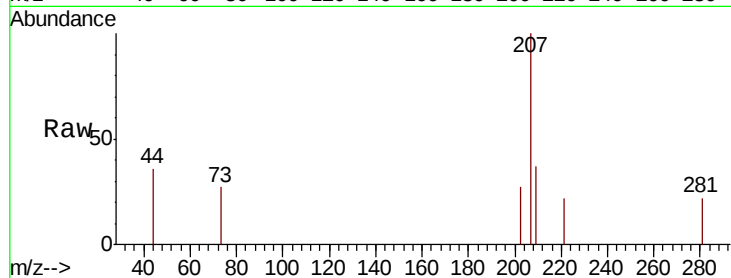
Tot Ion:202 Resp: 66

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.3

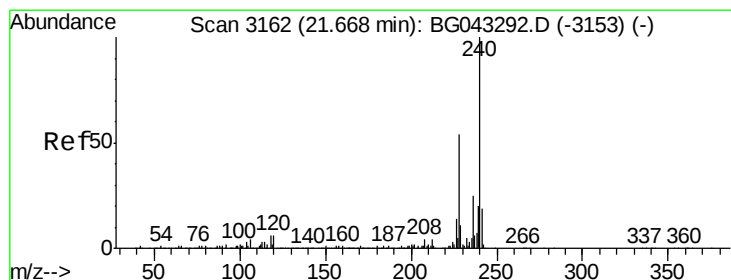
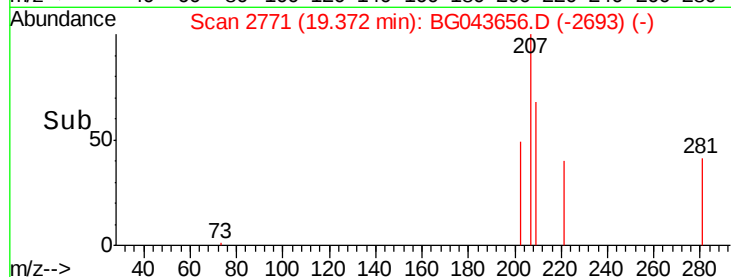
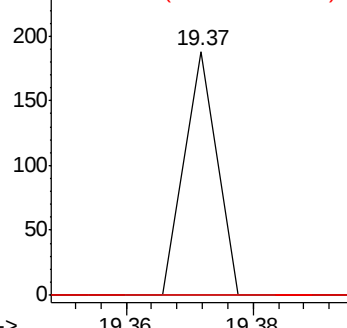
203 0.0 0.0 37.9



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: BG043656.D

Acq: 15 Nov 2019 18:36

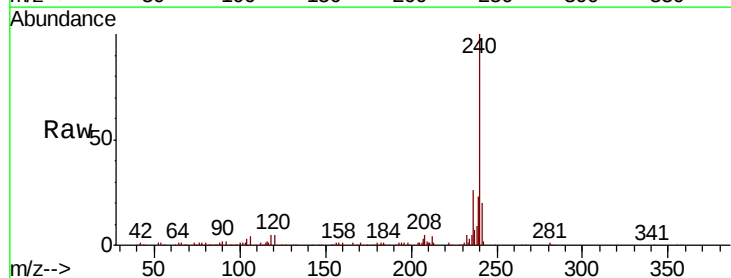
Tgt Ion:240 Resp: 188544

Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

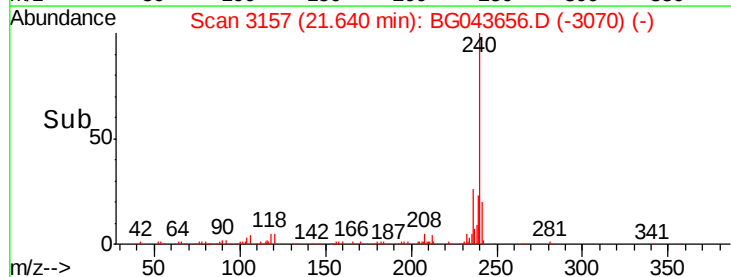
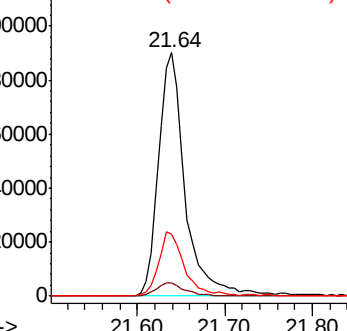
236 25.6 19.8 29.8

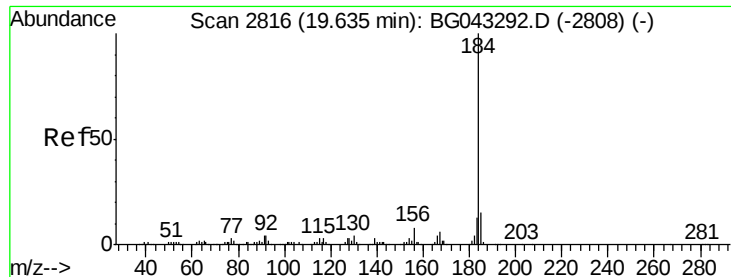


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.035 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.36 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

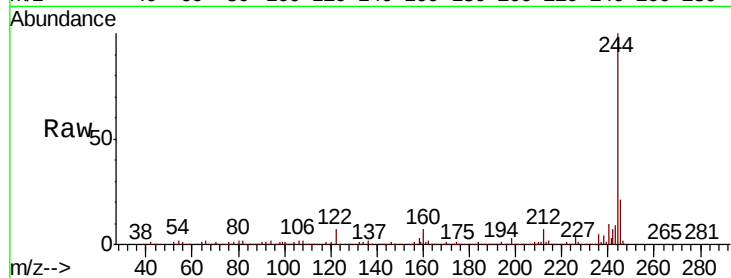
Tot Ion:184 Resp: 15312

Ion Ratio Lower Upper

184 100

185 15.4 11.0 16.4

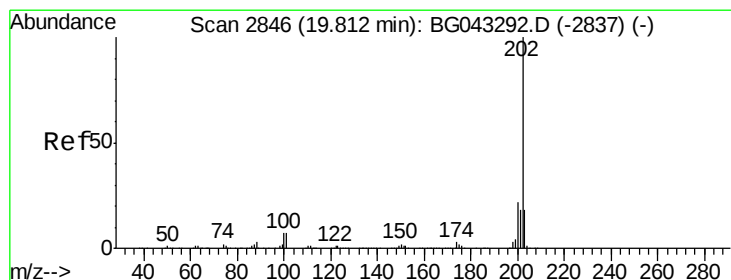
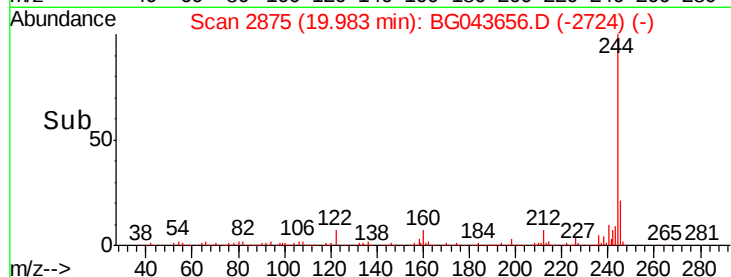
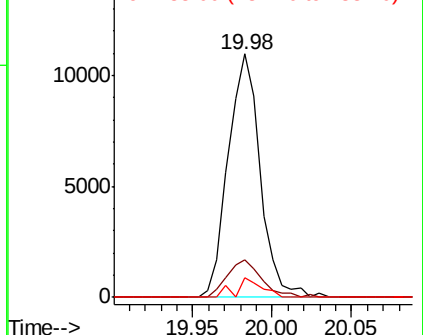
183 8.1 10.0 15.0#



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: 0.300 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.18 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

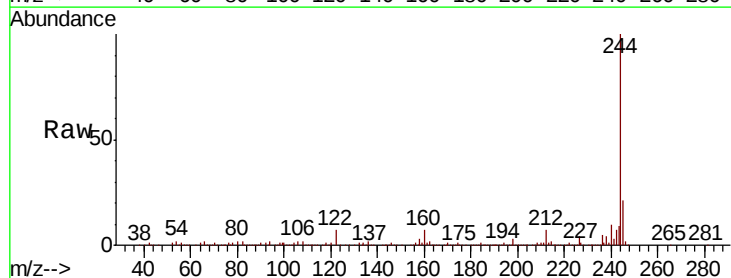
Tgt Ion:202 Resp: 3501

Ion Ratio Lower Upper

202 100

200 54.4 17.0 25.4#

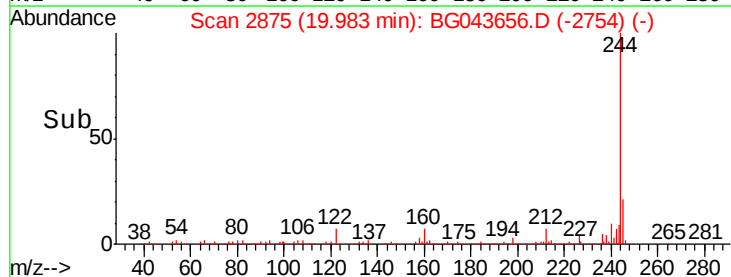
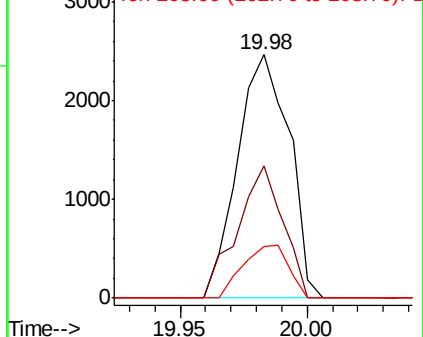
203 21.4 14.7 22.1

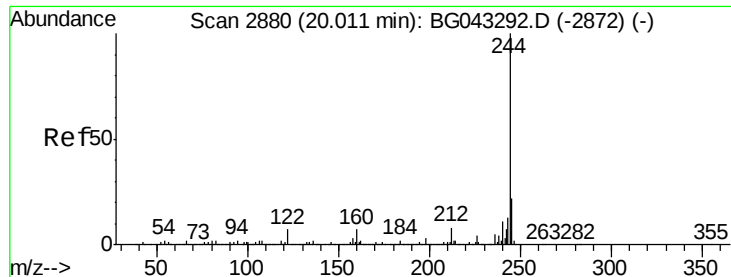


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.352 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

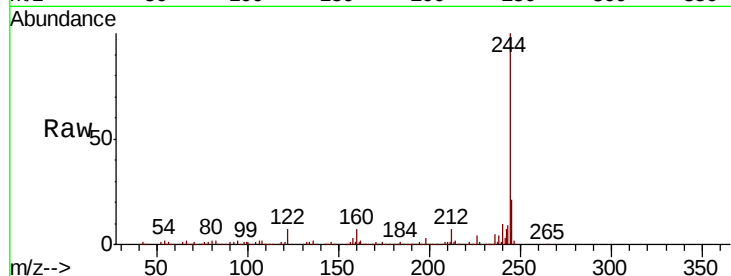
Tot Ion:244 Resp: 1078893

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

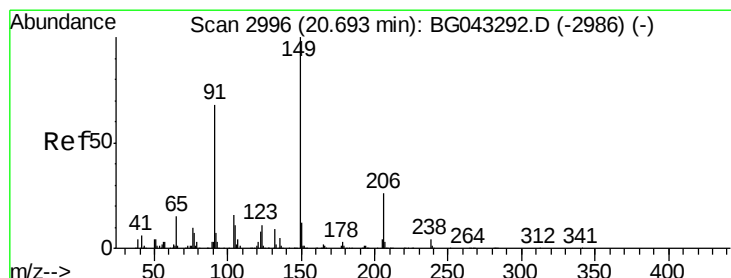
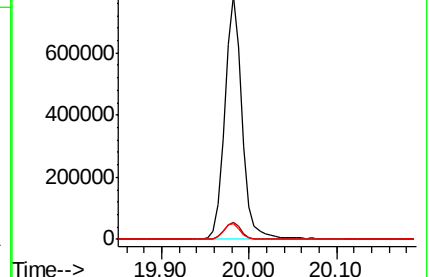
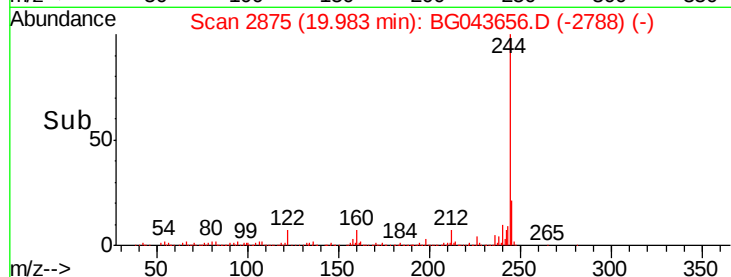
122 6.7 5.4 8.2



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: 0.063 ng

RT: 20.68 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

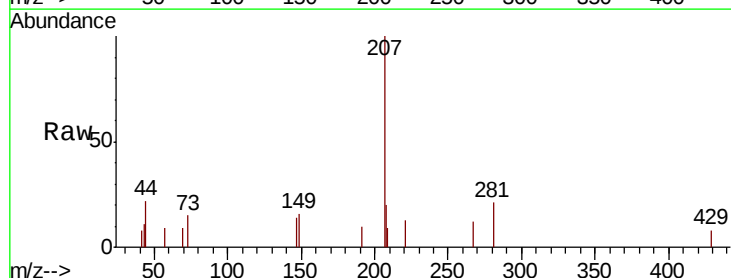
Tgt Ion:149 Resp: 278

Ion Ratio Lower Upper

149 100

91 0.0 51.2 76.8#

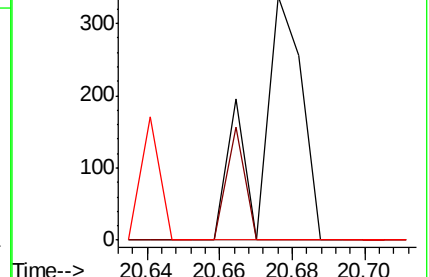
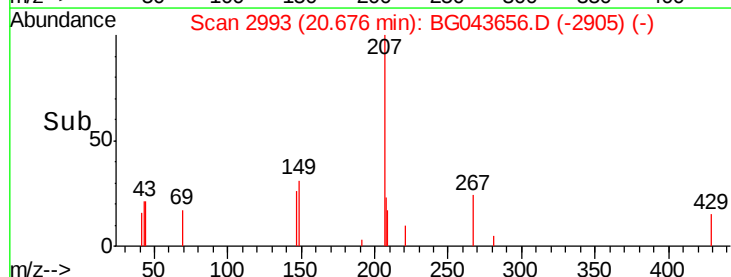
206 0.0 22.5 33.7#

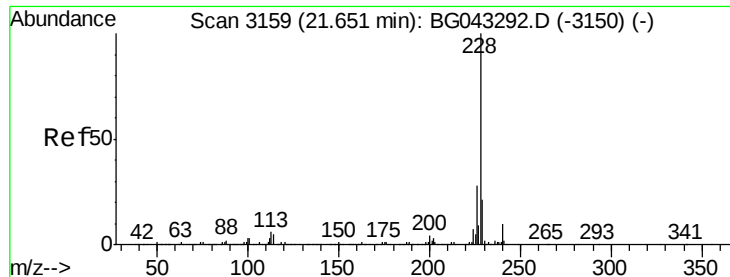


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.009 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

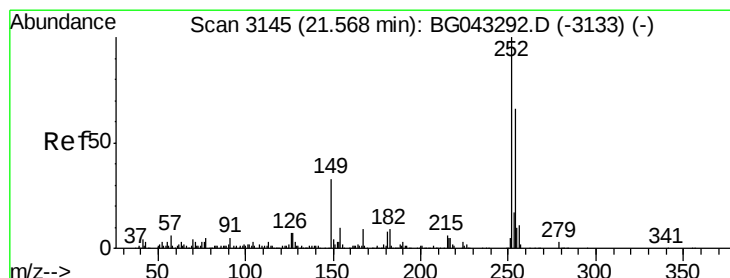
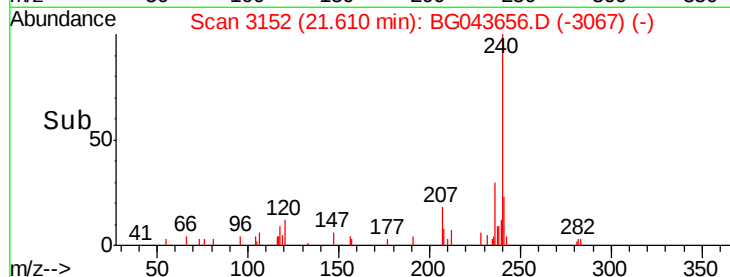
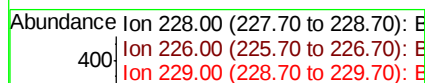
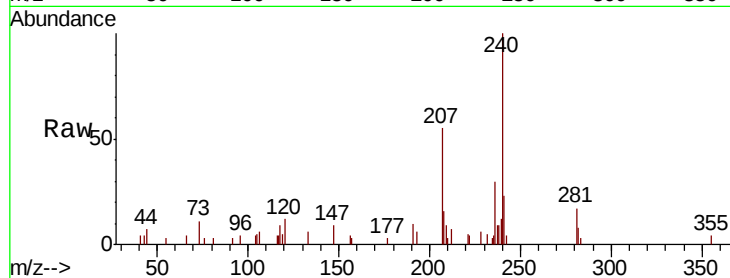
Tot Ion:228 Resp: 108

Ion Ratio Lower Upper

228 100

226 0.0 22.2 33.2#

229 0.0 17.0 25.4#



#82

3,3'-Dichlorobenzidine

Concen: 0.012 ng

RT: 21.30 min Scan# 3100

Delta R.T. -0.25 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

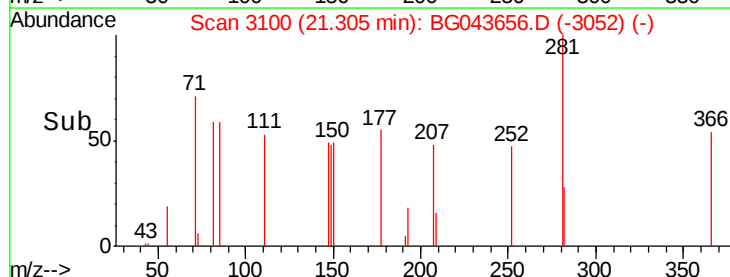
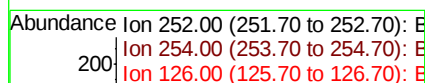
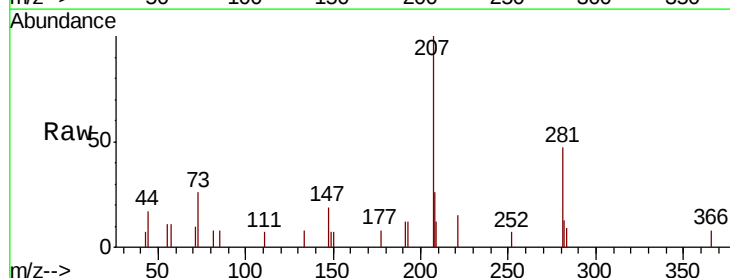
Tgt Ion:252 Resp: 55

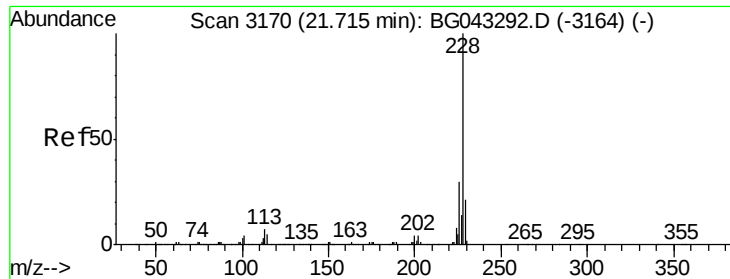
Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

126 0.0 6.1 9.1#





#83

Chrysene

Concen: 0.005 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

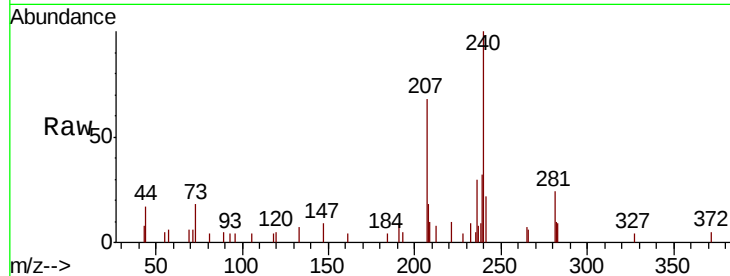
Tot Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

226 0.0 25.1 37.7#

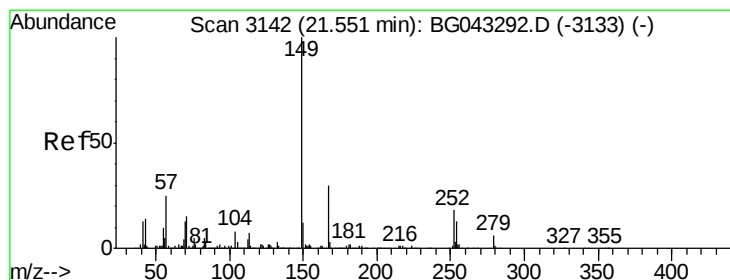
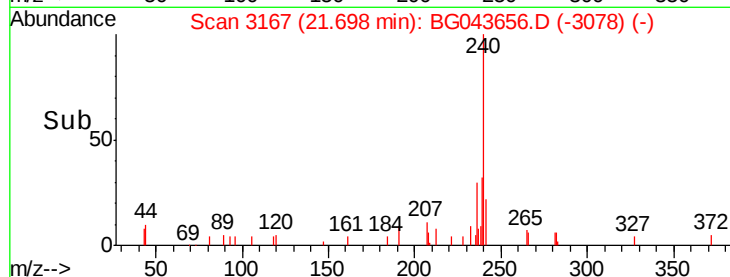
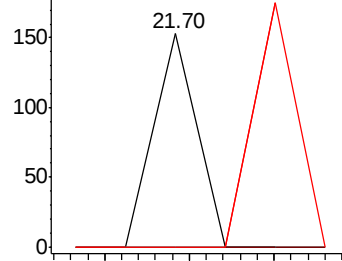
229 0.0 17.0 25.4#



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: 0.120 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

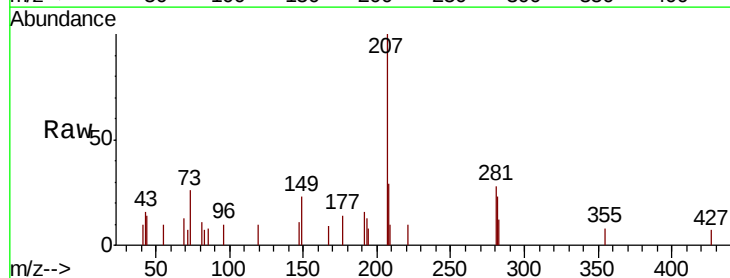
Tgt Ion:149 Resp: 753

Ion Ratio Lower Upper

149 100

167 38.0 24.0 36.0#

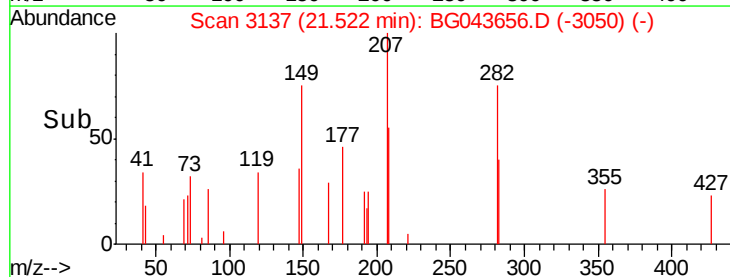
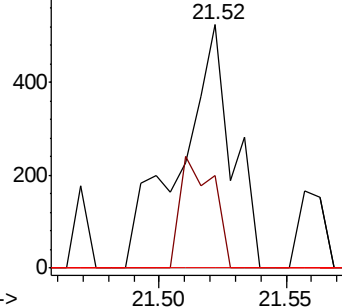
279 0.0 5.4 8.2#

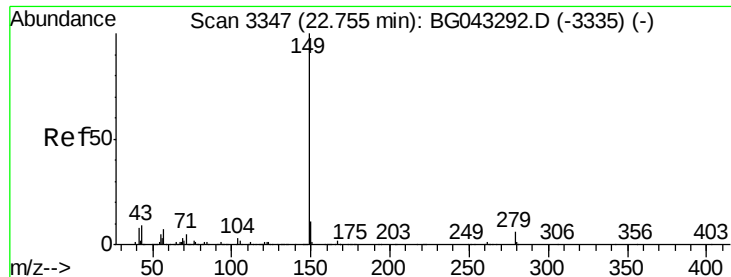


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.038 ng

RT: 22.70 min Scan# 3337

Delta R.T. -0.04 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

BNA_G

ClientSampleId :

PB124801BL

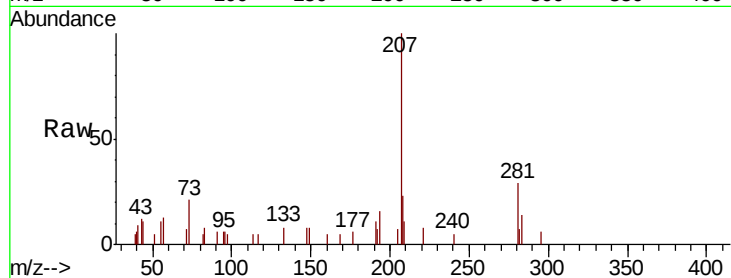
Tot Ion:149 Resp: 401

Ion Ratio Lower Upper

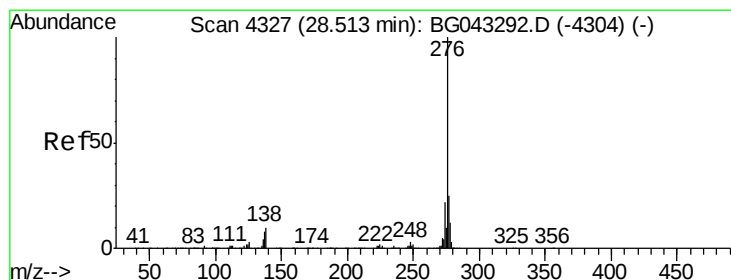
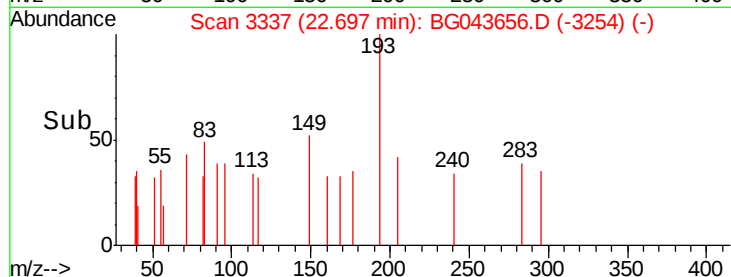
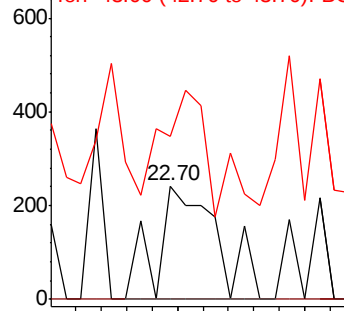
149 100

167 0.0 1.4 2.2#

43 77.8 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



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.005 ng

RT: 28.46 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

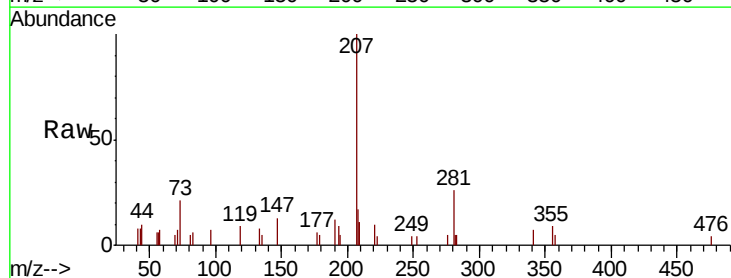
Tgt Ion:276 Resp: 67

Ion Ratio Lower Upper

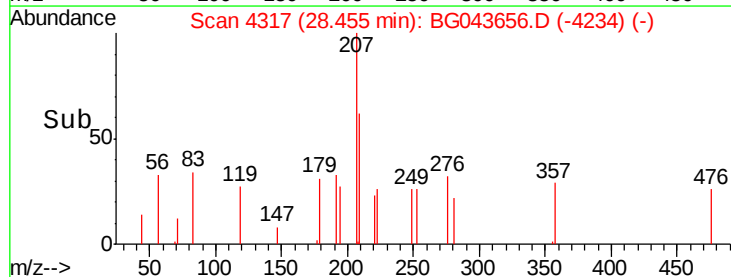
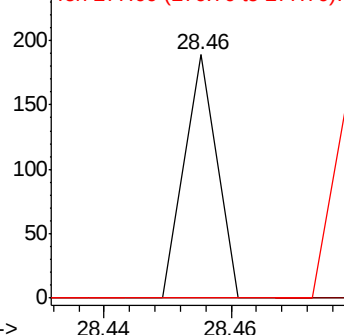
276 100

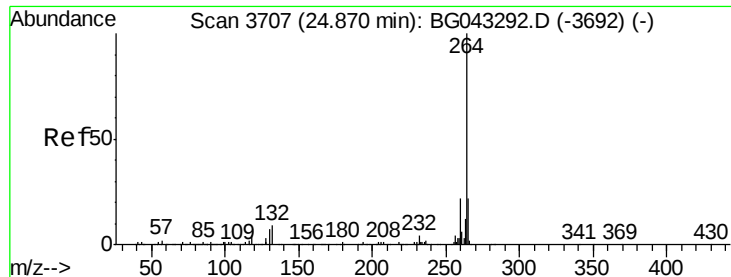
138 0.0 6.8 10.2#

277 0.0 20.9 31.3#



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.03 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Instrument :

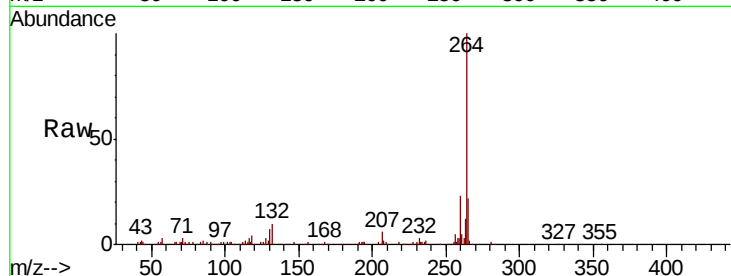
BNA_G

ClientSampleId :

PB124801BL

Tot Ion:264 Resp: 219580

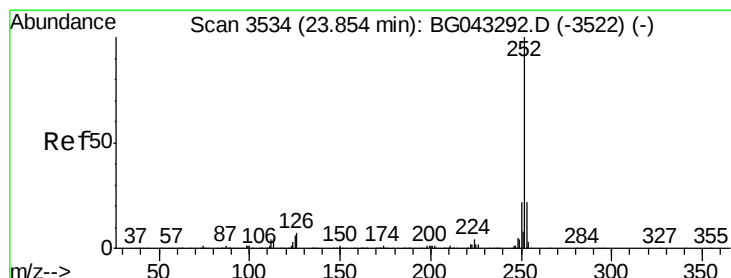
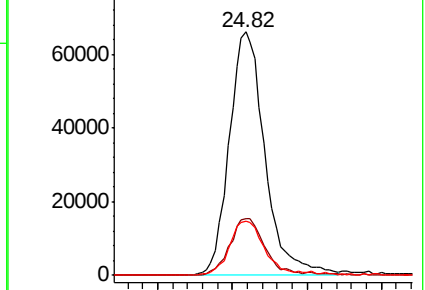
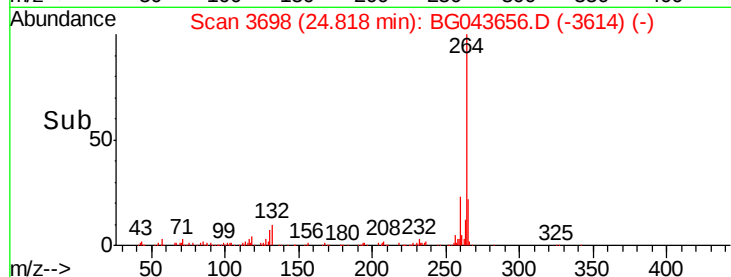
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.5	26.3
265	22.1	17.4	26.0



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: 0.012 ng

RT: 23.81 min Scan# 3526

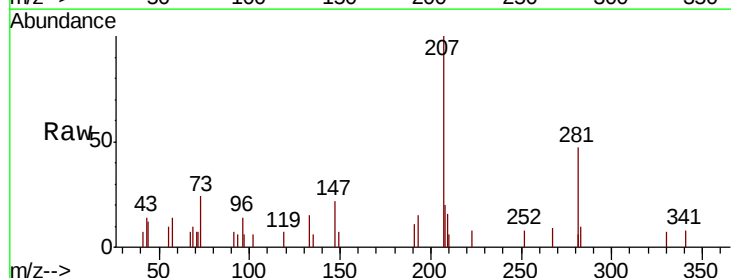
Delta R.T. -0.03 min

Lab File: BG043656.D

Acq: 15 Nov 2019 18:36

Tgt Ion:252 Resp: 144

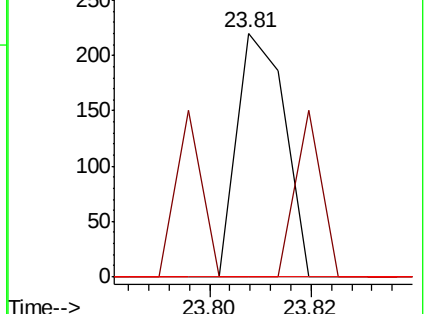
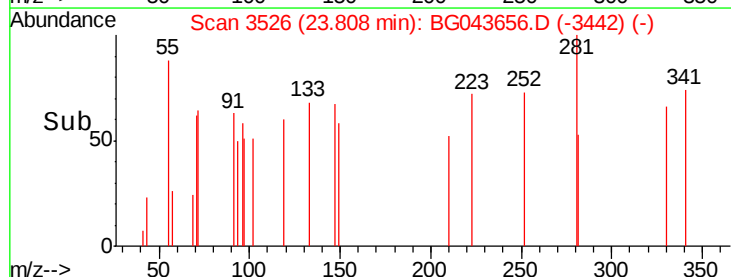
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	0.0	4.5	6.7#

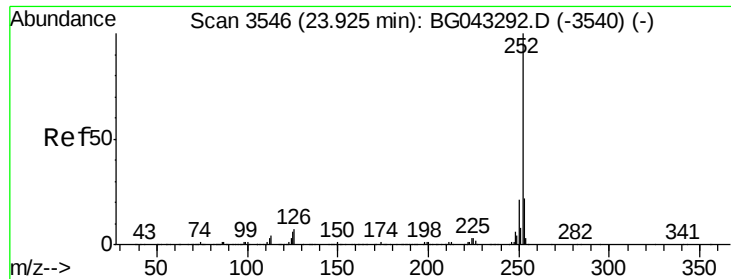


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

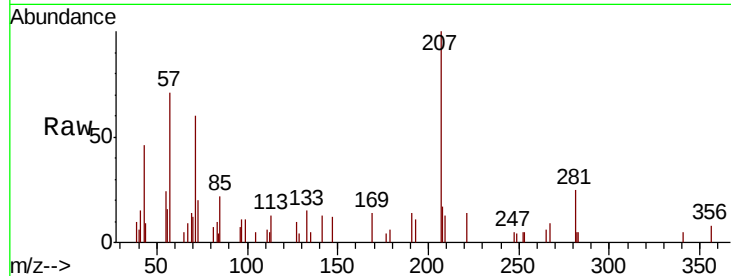




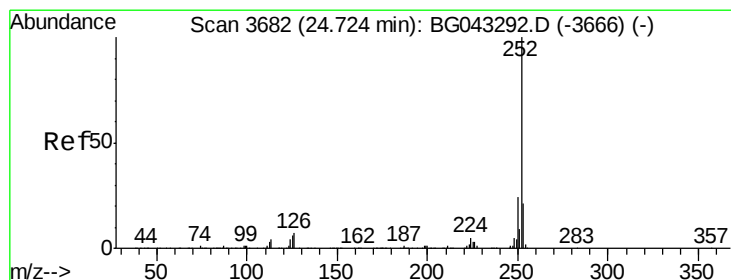
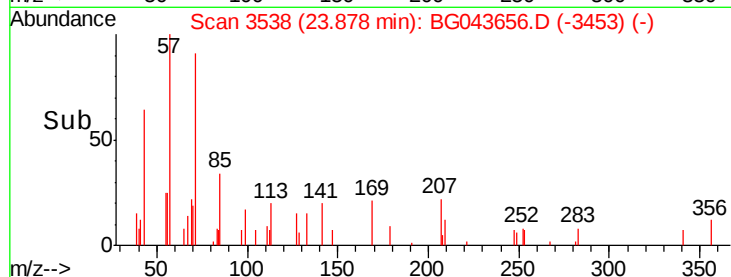
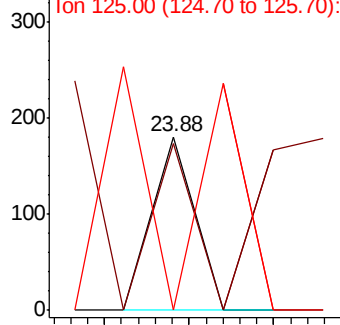
#89
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

Instrument :
BNA_G
ClientSampleId :
PB124801BL

Tot Ion:252 Resp: 63
Ion Ratio Lower Upper
252 100
253 96.1 17.3 25.9#
125 0.0 4.6 6.8#

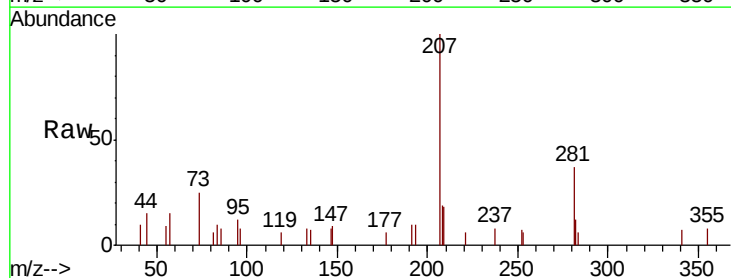


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.006 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.04 min
Lab File: BG043656.D
Acq: 15 Nov 2019 18:36

Tgt Ion:252 Resp: 76
Ion Ratio Lower Upper
252 100
253 78.3 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

