

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044255.D
 Acq On : 31 Jan 2020 11:37
 Operator : CG/JU
 Sample : PB126472BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 23:28:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	86732	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	337424	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	211373	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	488971	20.00	ng	0.00
76) Chrysene-d12	21.54	240	472408	20.00	ng	0.00
87) Perylene-d12	24.64	264	526429	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	734502	149.46	ng	0.00
7) Phenol-d6	7.09	99	923510	139.94	ng	0.00
23) Nitrobenzene-d5	9.07	82	565359	94.59	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	354561	142.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1255269	99.45	ng	0.00
79) Terphenyl-d14	19.91	244	2102759	91.55	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	224	0.101	ng	# 1
4) n-Nitrosodimethylamine	3.70	42	329	0.134	ng	# 1
9) Benzaldehyde	7.09	77	1701	0.453	ng	# 1
10) Phenol	7.09	94	55	0.008	ng	# 1
12) 1,3-Dichlorobenzene	8.24	146	61	0.009	ng	# 1
13) 1,4-Dichlorobenzene	8.24	146	61	0.010	ng	# 1
14) 1,2-Dichlorobenzene	8.24	146	61	0.010	ng	# 1
15) Benzyl Alcohol	8.24	79	9451	2.023	ng	# 46
19) n-Nitroso-di-n-propylamine	9.07	70	71793	16.323	ng	# 77
24) Nitrobenzene	9.07	77	1688	0.289	ng	# 38
25) Isophorone	9.52	82	148	0.013	ng	# 64
46) 1,1'-Biphenyl	13.38	154	3074	0.202	ng	# 96
48) 2-Nitroaniline	13.17	65	1850	0.517	ng	# 1
51) 2,6-Dinitrotoluene	14.55	165	27579	8.141	ng	# 29
52) Acenaphthene	14.55	154	862	0.075	ng	# 5
57) 2,4-Dinitrotoluene	14.55	165	27579	5.808	ng	# 27
58) Fluorene	16.04	166	15251	1.109	ng	# 93
63) Azobenzene	16.05	77	1854	0.140	ng	# 40
65) 4,6-Dinitro-2-methylphenol	16.04	198	1149	0.426	ng	# 1
66) n-Nitrosodiphenylamine	16.04	169	12403	0.905	ng	# 48
67) 4-Bromophenyl-phenylether	16.04	248	24459	4.591	ng	# 1
77) Benzidine	19.91	184	36637	2.796	ng	# 91
78) Pyrene	19.91	202	8258	0.272	ng	# 74
80) Butylbenzylphthalate	20.61	149	286	0.021	ng	# 25
81) Benzo(a)anthracene	21.54	228	2321	0.080	ng	# 74
82) 3,3'-Dichlorobenzidine	21.46	252	66	0.006	ng	# 25
83) Chrysene	21.59	228	1100	0.039	ng	# 46
84) Bis(2-ethylhexyl)phthalate	21.45	149	826	0.043	ng	# 50
85) Di-n-octyl phthalate	22.62	149	1419	0.043	ng	# 45
86) Indeno(1,2,3-cd)pyrene	28.14	276	3885	0.106	ng	# 59
88) Benzo(b)fluoranthene	23.67	252	1385	0.046	ng	# 86
89) Benzo(k)fluoranthene	23.73	252	1576	0.053	ng	# 87
90) Benzo(a)pyrene	24.48	252	821	0.029	ng	# 67
91) Dibenzo(a,h)anthracene	28.21	278	2152	0.076	ng	# 56

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

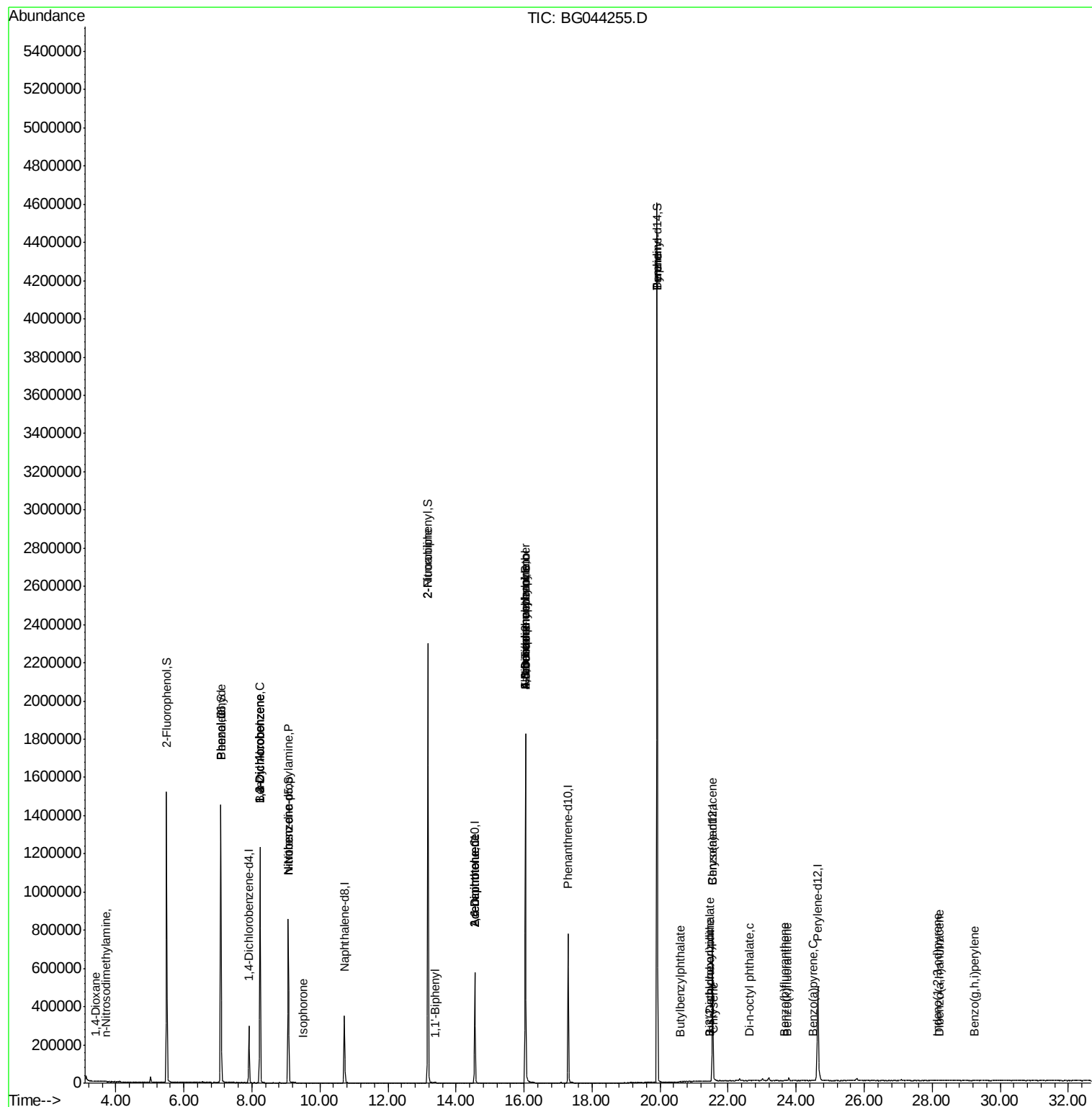
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(q,h,i)perylene	29.24	276	4255	0.150	ng	# 74

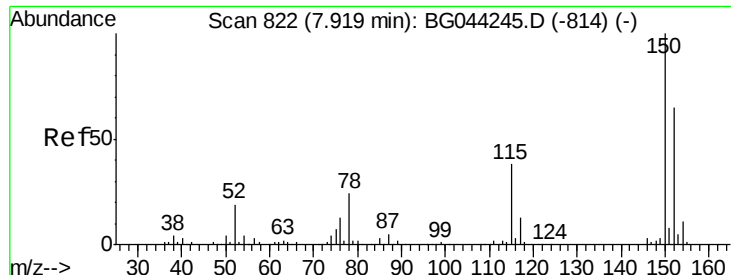
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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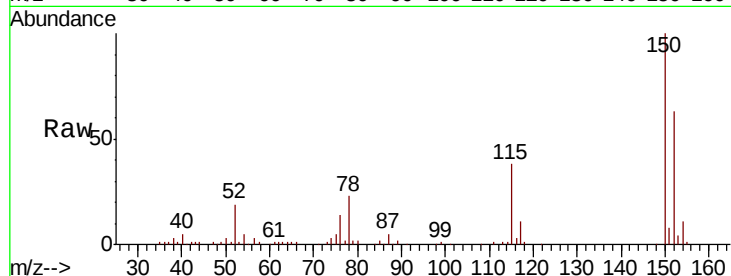


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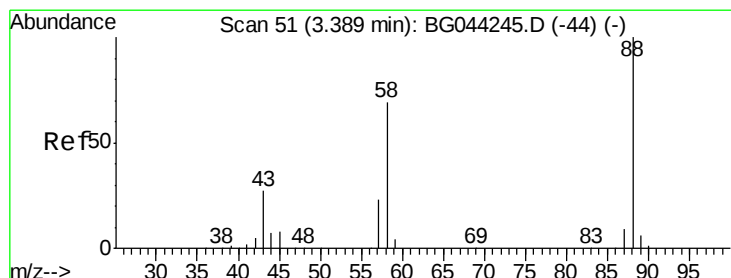
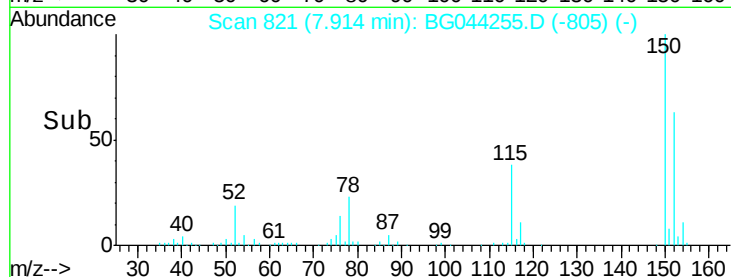
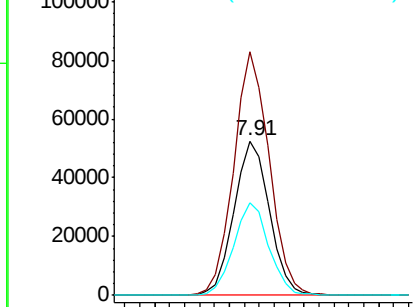
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 86732
Ion Ratio Lower Upper
152 100
150 157.7 122.6 183.8
115 60.1 46.0 69.0



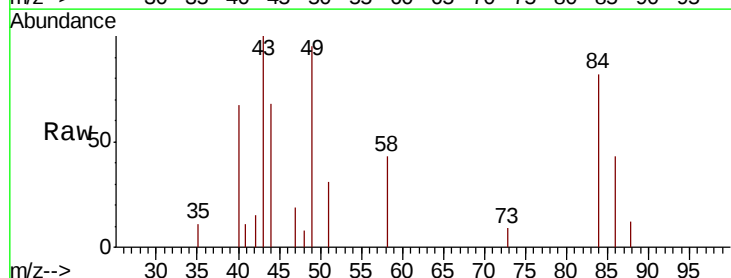
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



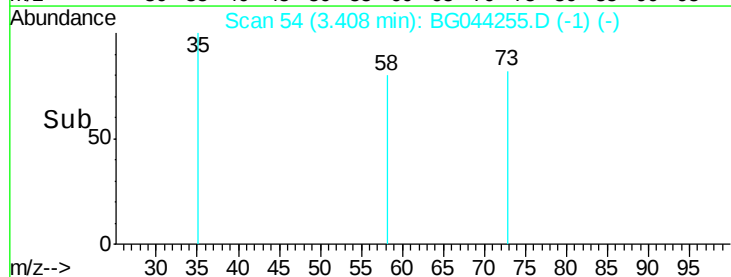
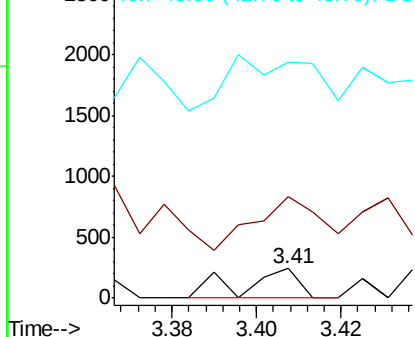
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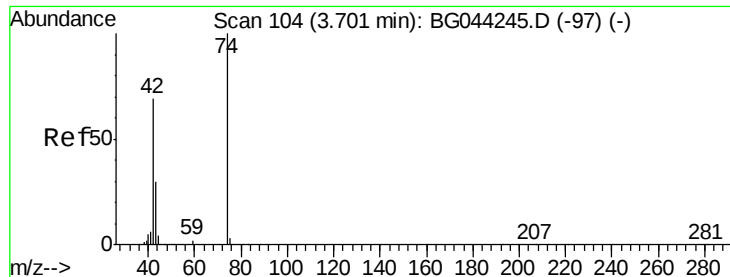
1,4-Dioxane
Concen: 0.101 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.02 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion: 88 Resp: 224
Ion Ratio Lower Upper
88 100
58 212.9 55.8 83.6#
43 267.9 21.6 32.4#



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



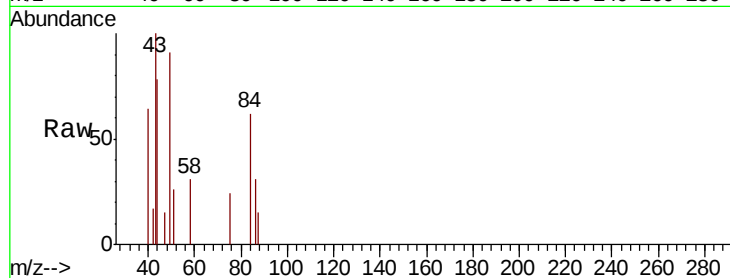


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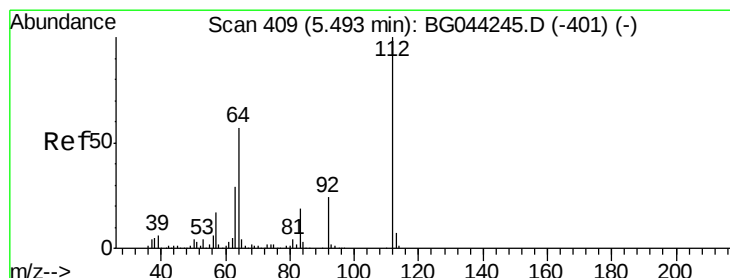
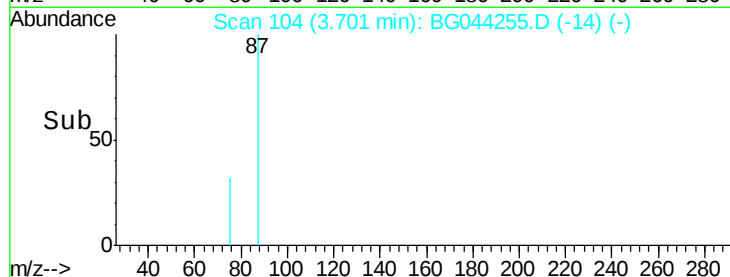
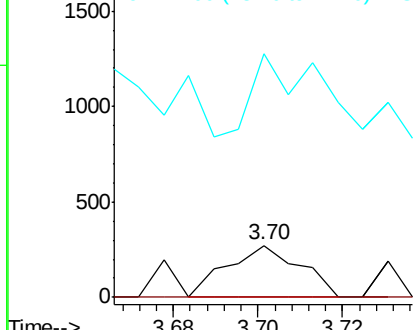
n-Nitrosodimethylamine
 Concen: 0.134 ng
 RT: 3.70 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BG044255.D
 Acq: 31 Jan 2020 11:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 42 Resp: 329
 Ion Ratio Lower Upper
 42 100
 74 0.0 115.1 172.7#
 44 465.7 5.6 8.4#



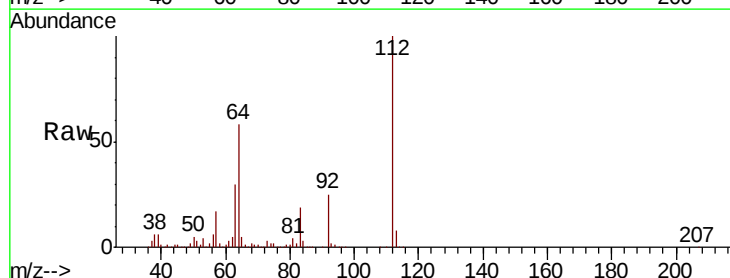
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



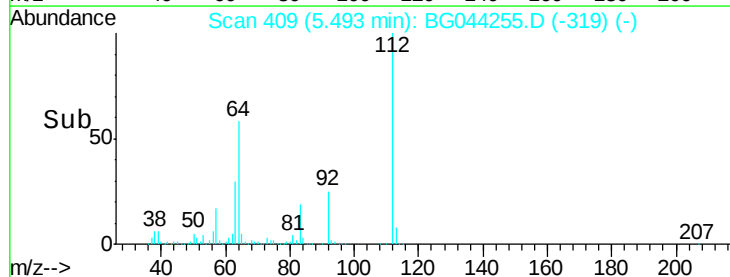
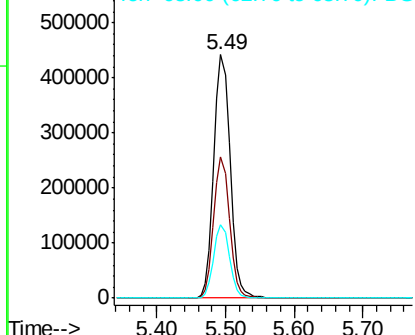
#5

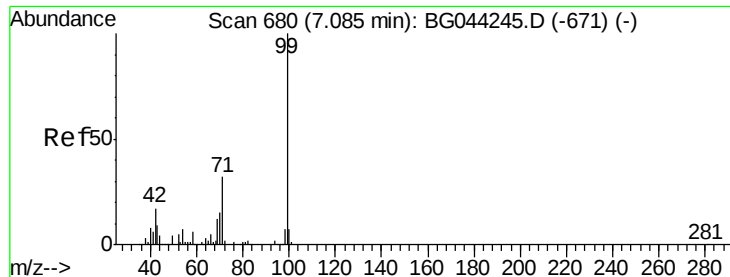
2-Fluorophenol
 Concen: 149.458 ng
 RT: 5.49 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BG044255.D
 Acq: 31 Jan 2020 11:37

Tgt Ion: 112 Resp: 734502
 Ion Ratio Lower Upper
 112 100
 64 57.9 45.4 68.2
 63 30.1 22.9 34.3



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





#7

Phenol-d6

Concen: 139.940 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

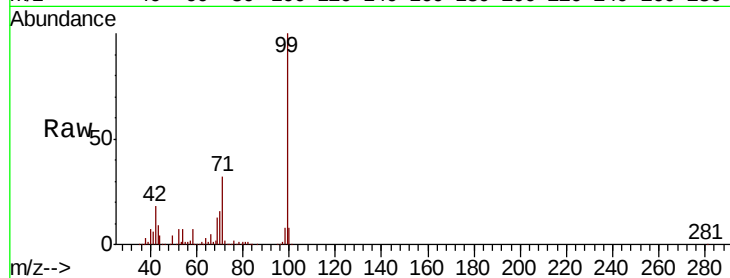
Tot Ion: 99 Resp: 923510

Ion Ratio Lower Upper

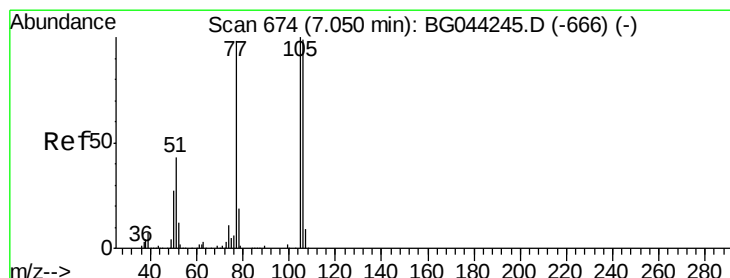
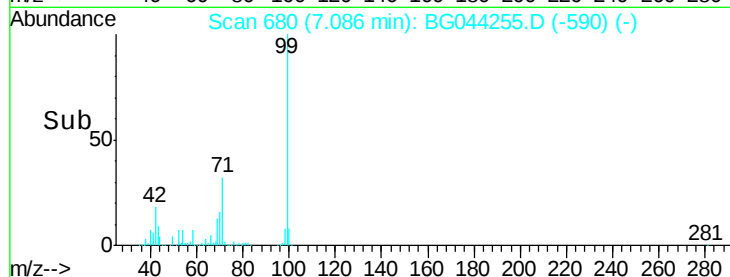
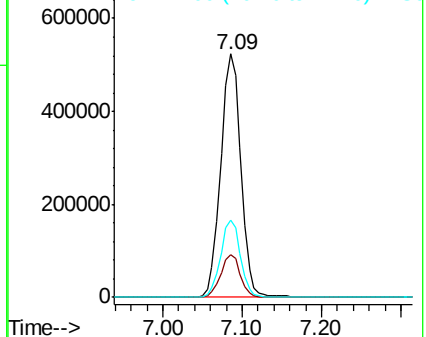
99 100

42 17.7 13.8 20.6

71 31.8 25.5 38.3



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



#9

Benzaldehyde

Concen: 0.453 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.04 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

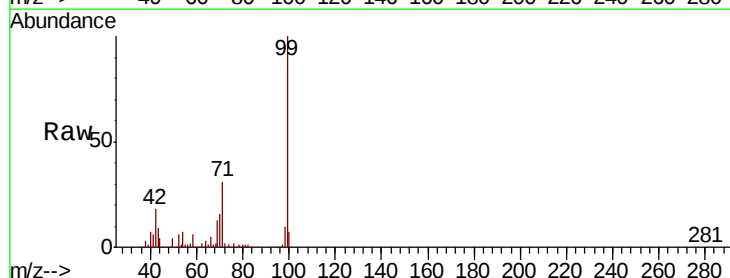
Tgt Ion: 77 Resp: 1701

Ion Ratio Lower Upper

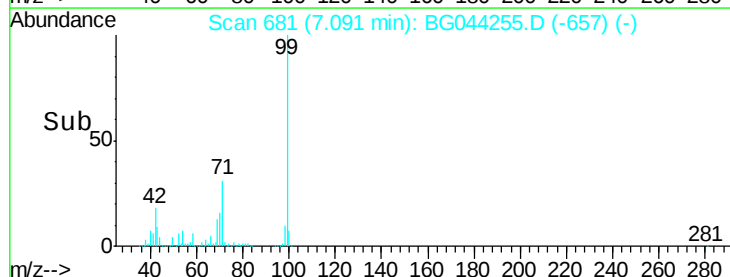
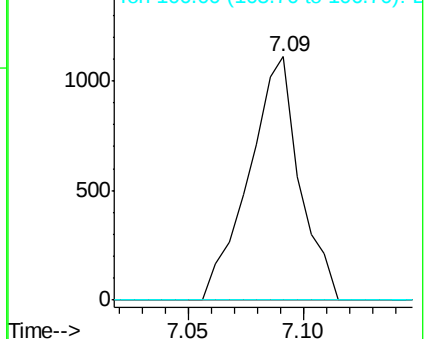
77 100

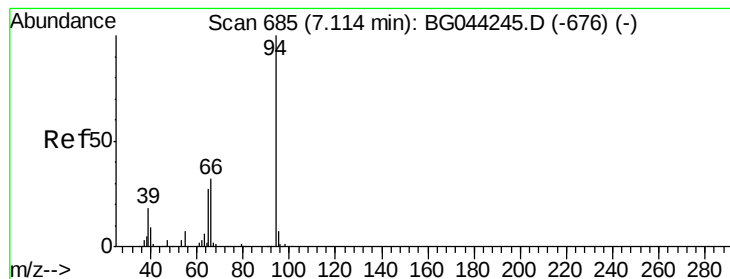
105 0.0 82.0 122.0#

106 0.0 80.7 120.7#



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





#10

Phenol

Concen: 0.008 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

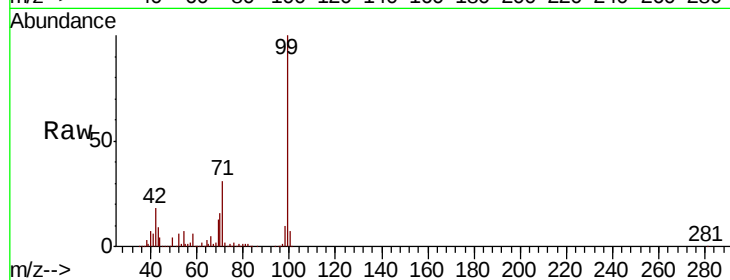
Tot Ion: 94 Resp: 55

Ion Ratio Lower Upper

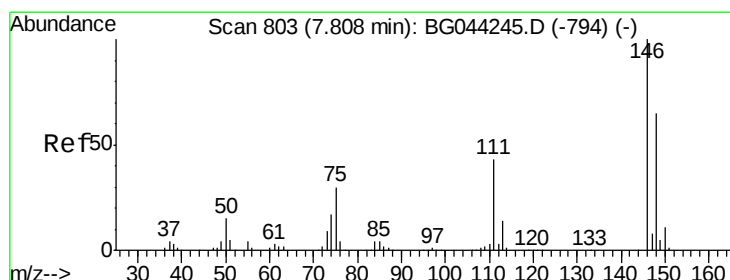
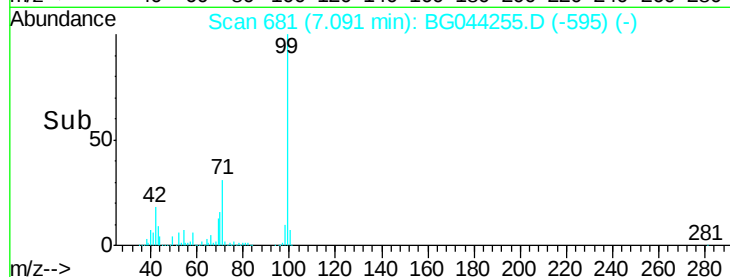
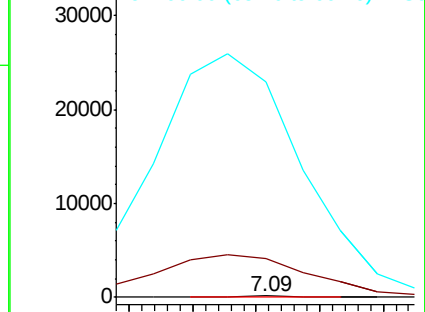
94 100

65 2631.4 7.0 47.0#

66 14764.1 12.7 52.7#



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



#12

1,3-Dichlorobenzene

Concen: 0.009 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.44 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

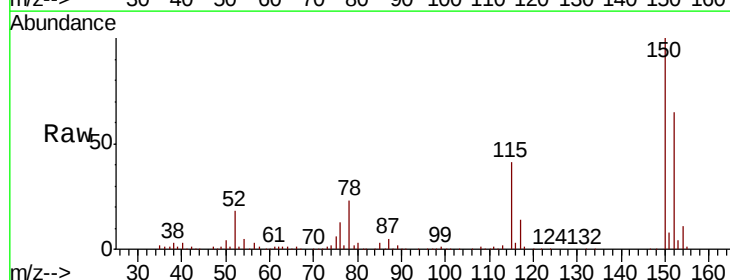
Tgt Ion: 146 Resp: 61

Ion Ratio Lower Upper

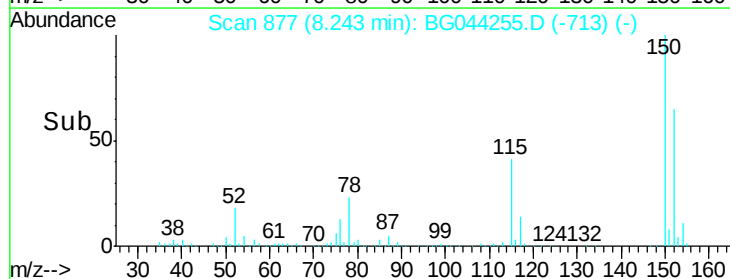
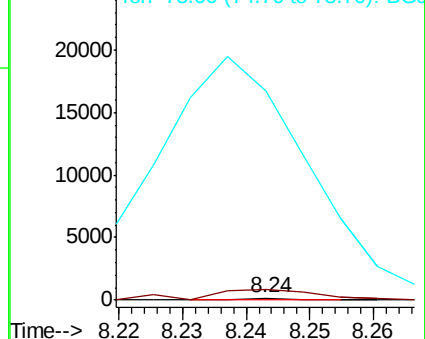
146 100

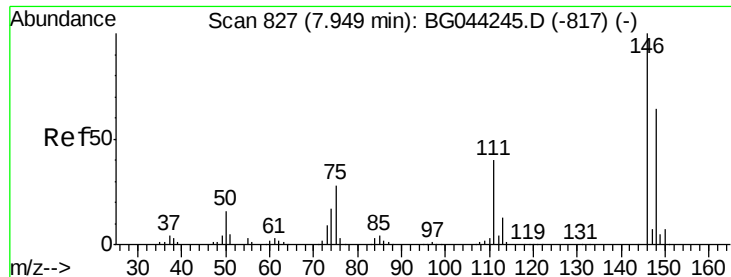
148 501.7 51.8 77.8#

75 9687.9 23.7 35.5#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 0.010 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.29 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampled :

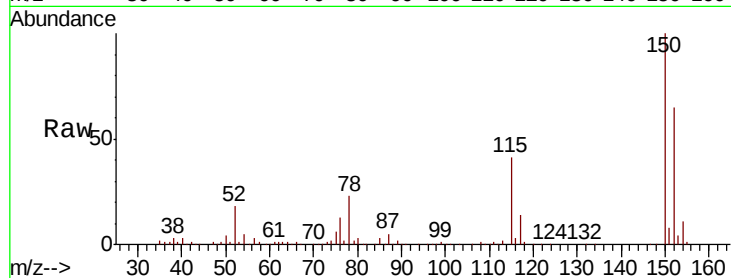
Tot Ion:146 Resp: 61

Ion Ratio Lower Upper

146 100

148 501.7 51.4 77.0#

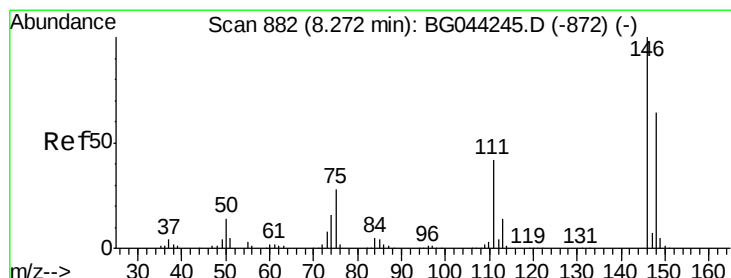
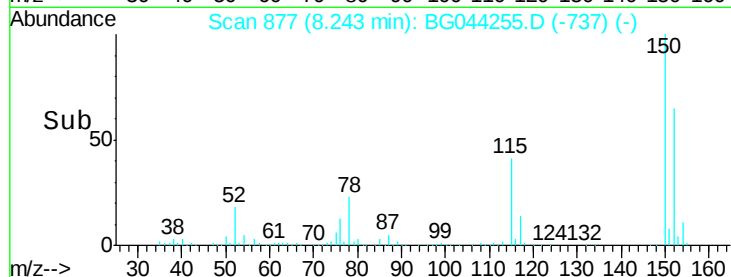
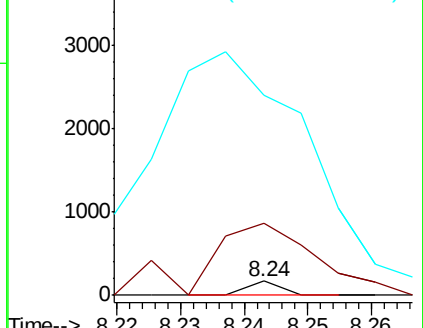
111 1388.4 31.8 47.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.010 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.03 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

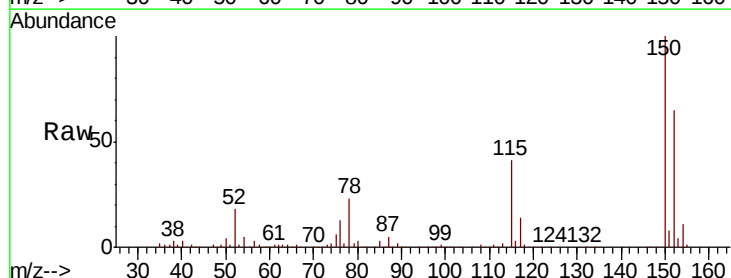
Tgt Ion:146 Resp: 61

Ion Ratio Lower Upper

146 100

148 501.7 51.2 76.8#

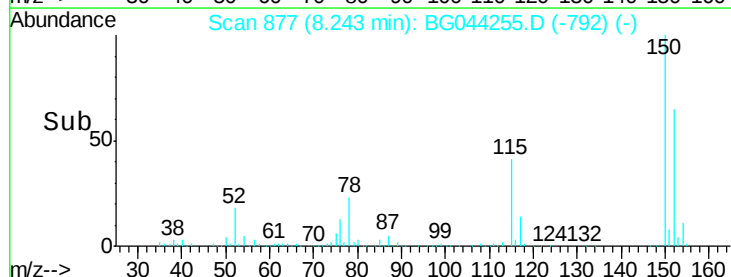
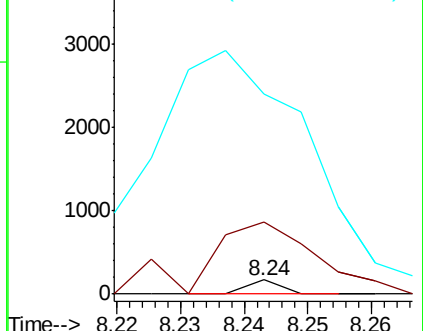
111 1388.4 34.0 51.0#

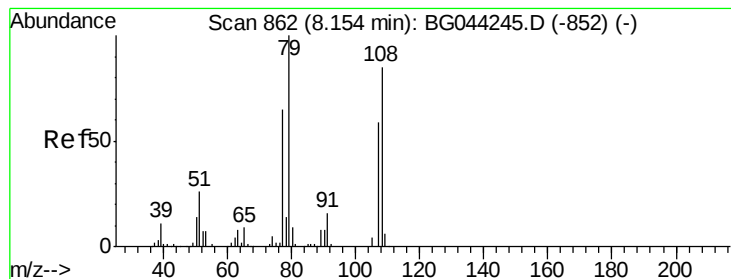


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.023 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.08 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampled :

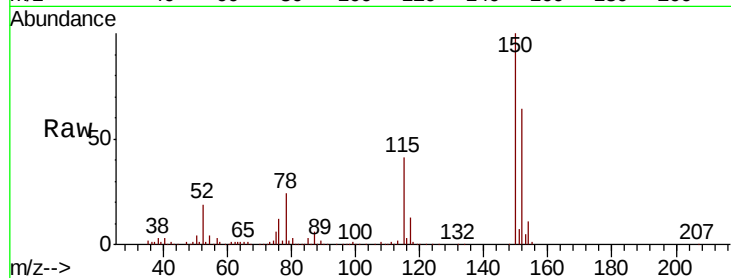
Tot Ion: 79 Resp: 9451

Ion Ratio Lower Upper

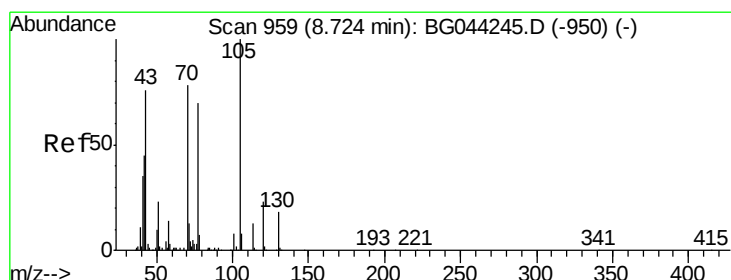
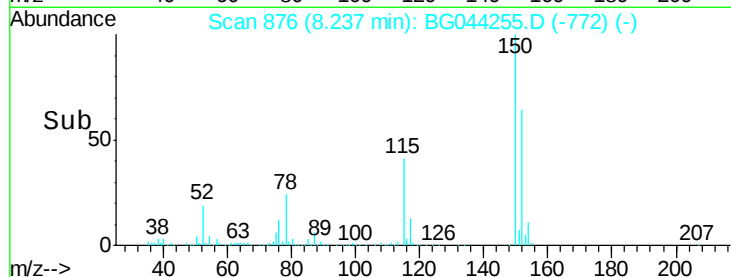
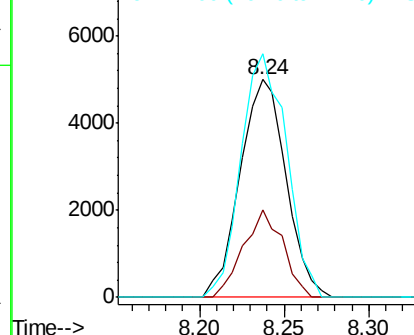
79 100

108 40.2 68.3 102.5#

77 111.9 51.8 77.8#



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: 16.323 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Tgt Ion: 70 Resp: 71793

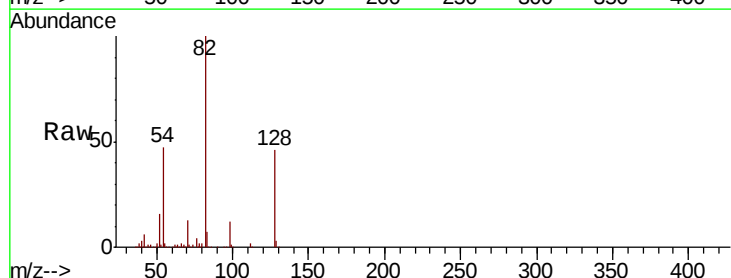
Ion Ratio Lower Upper

70 100

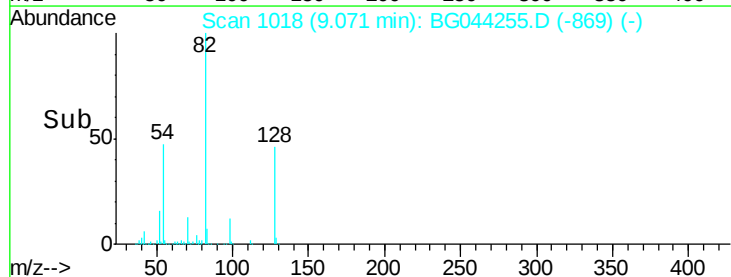
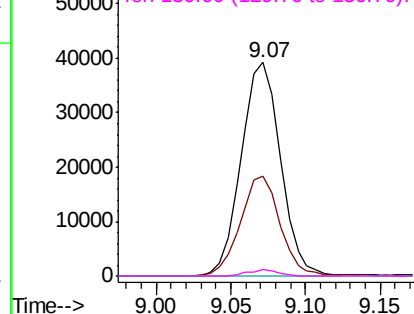
42 47.0 46.2 69.2

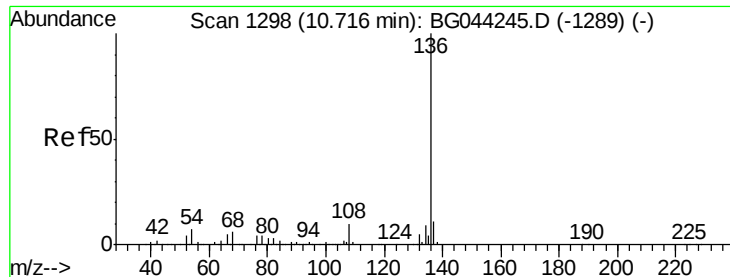
101 0.0 8.4 12.6#

130 2.8 17.8 26.8#



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

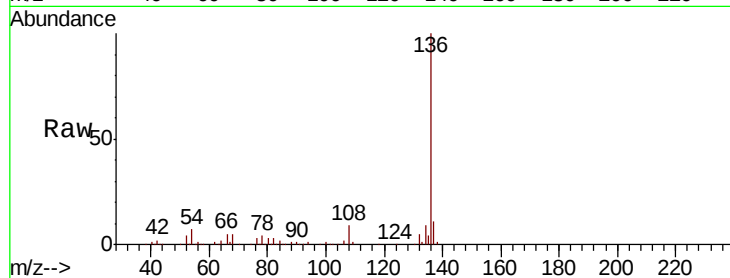




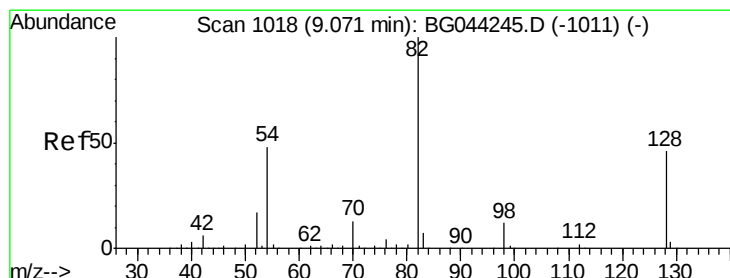
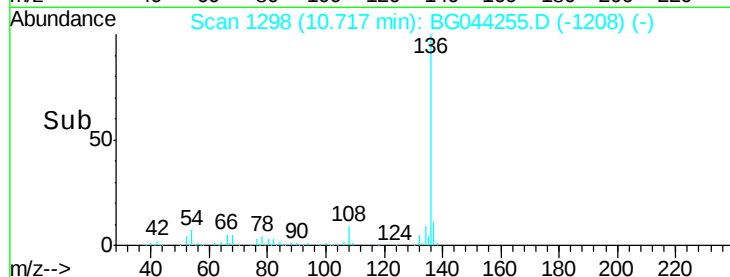
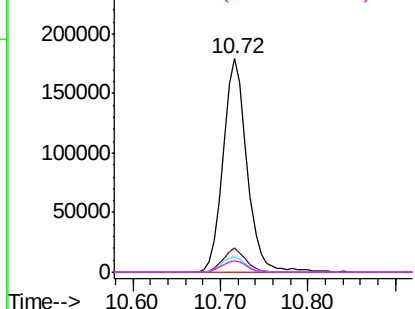
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	337424
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 7.2	5.8	8.8
68 5.2	4.6	6.8

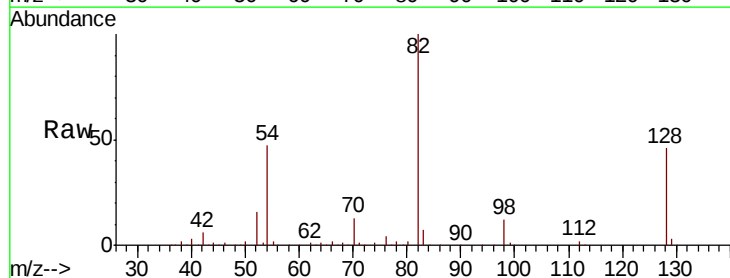


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

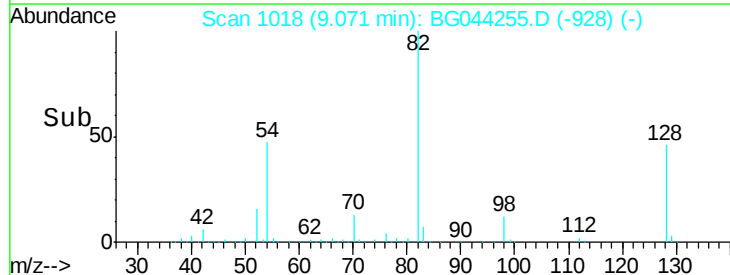
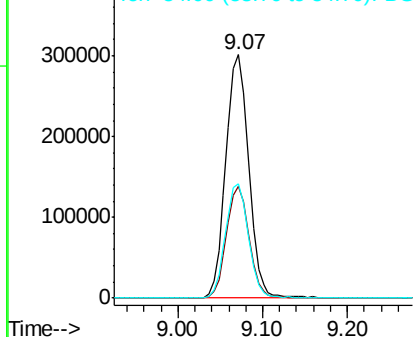


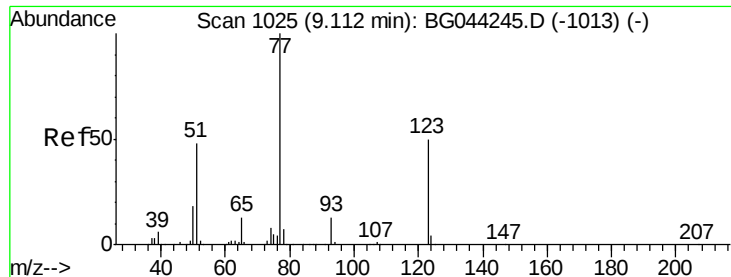
#23
Nitrobenzene-d5
Concen: 94.593 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt	Ion: 82	Resp:	565359
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	46.9	38.6	58.0



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

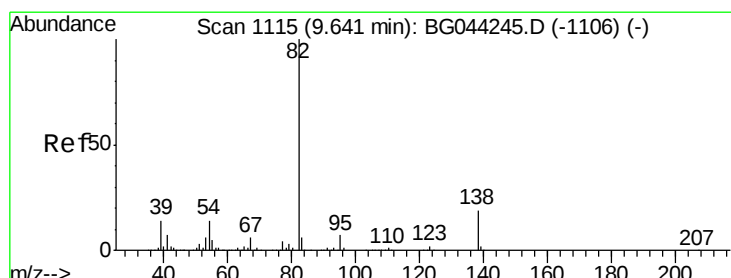
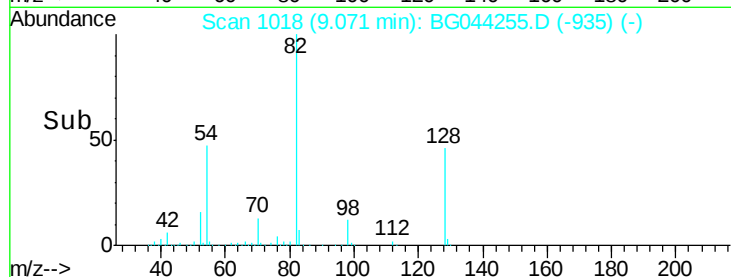
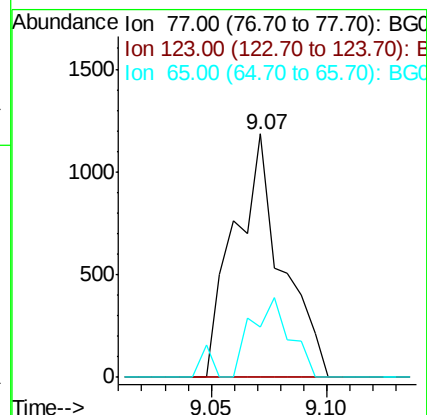
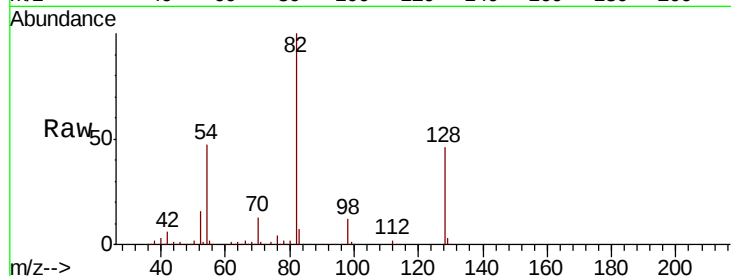




#24
Nitrobenzene
Concen: 0.289 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.04 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

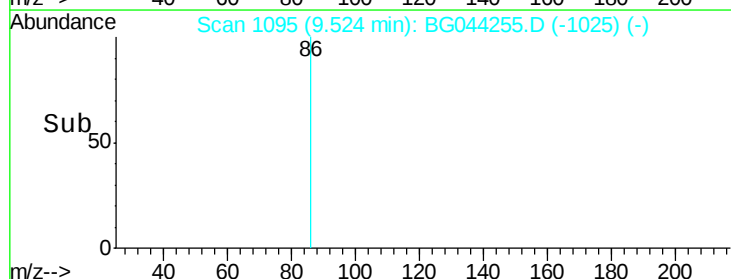
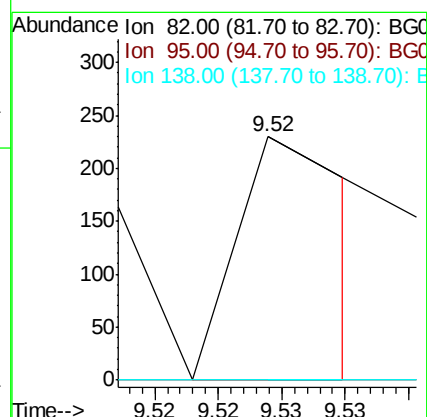
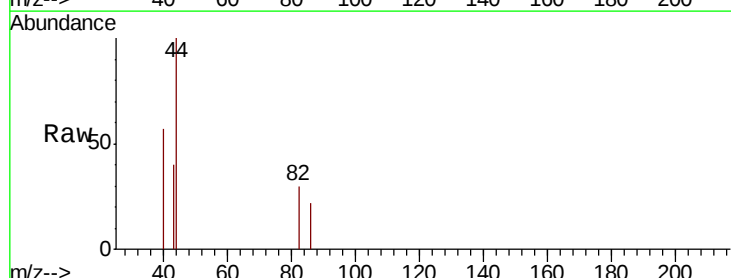
Instrument :
BNA_G
ClientSampleId :

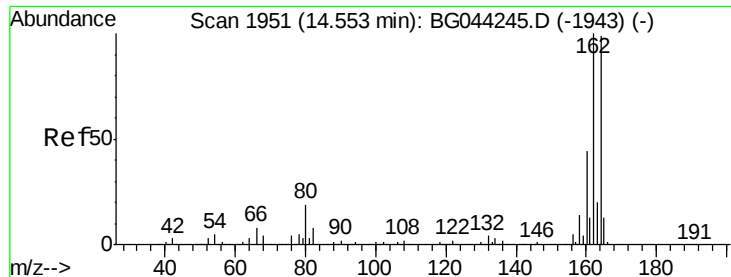
Tot Ion: 77 Resp: 1688
Ion Ratio Lower Upper
77 100
123 0.0 39.9 59.9#
65 20.7 10.4 15.6#



#25
Isophorone
Concen: 0.013 ng
RT: 9.52 min Scan# 1095
Delta R.T. -0.12 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion: 82 Resp: 148
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.4#

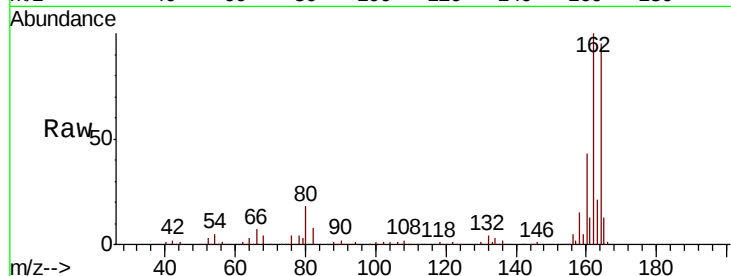




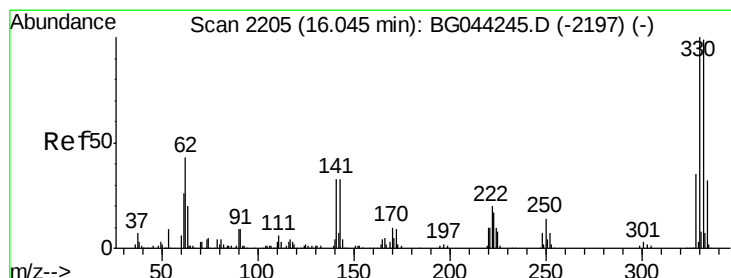
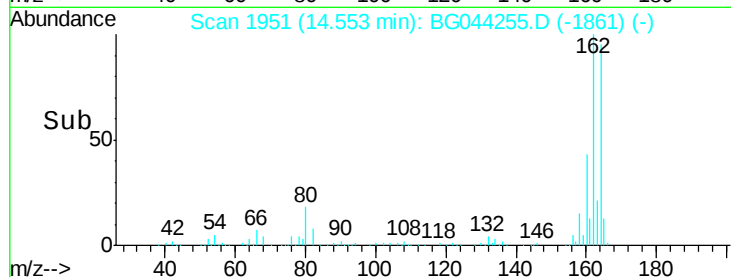
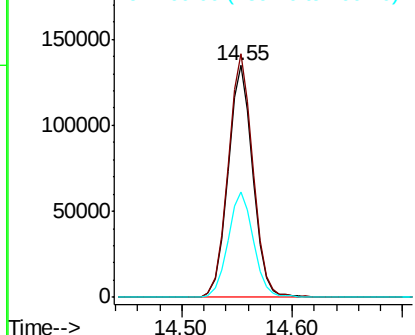
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	45.4	35.3	52.9

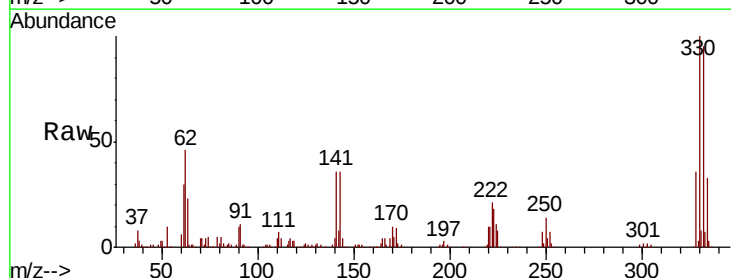


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

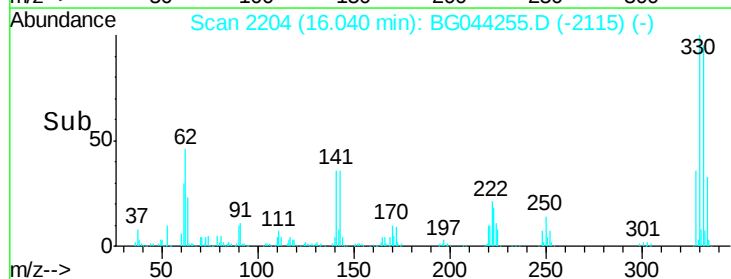
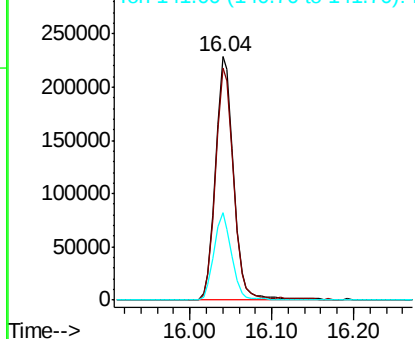


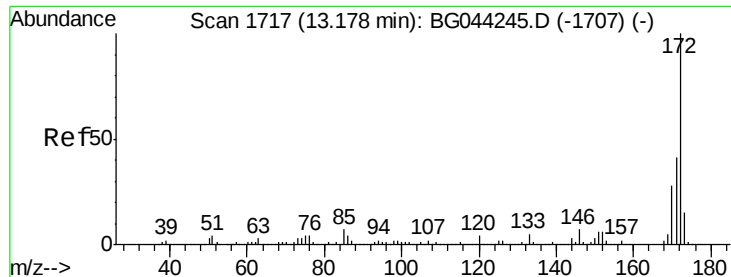
#42
2,4,6-Tribromophenol
Concen: 142.888 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	35.1	28.3	42.5



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

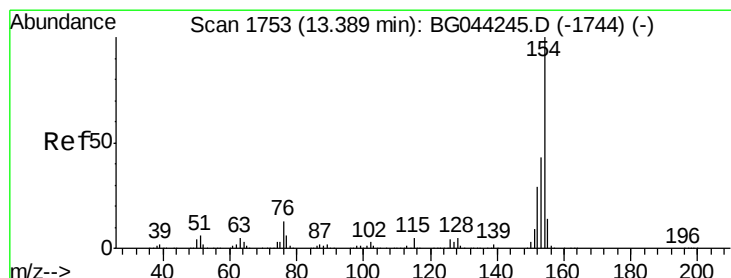
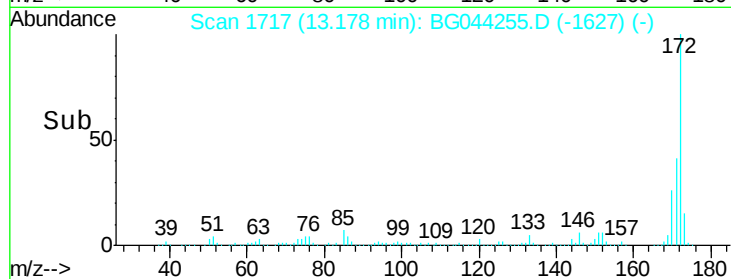
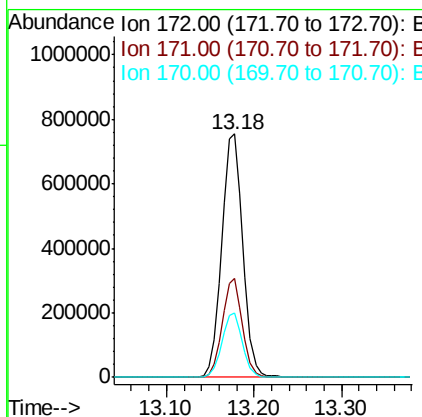
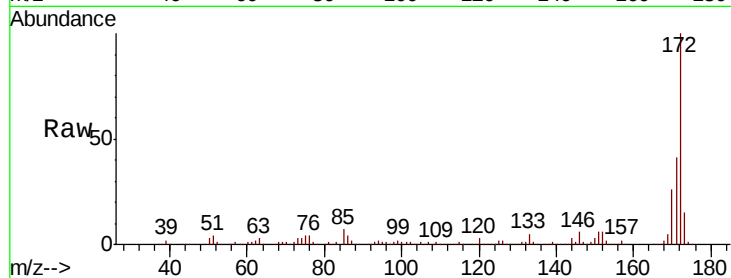




#45
2-Fluorobiphenyl
Concen: 99.446 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

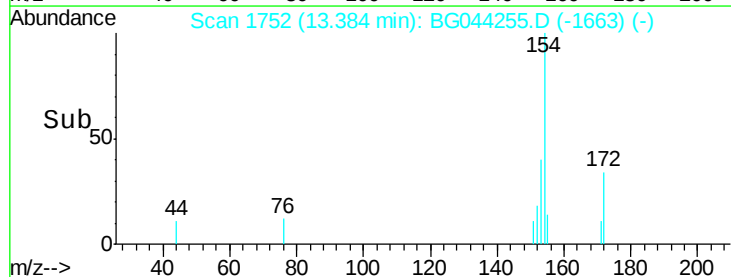
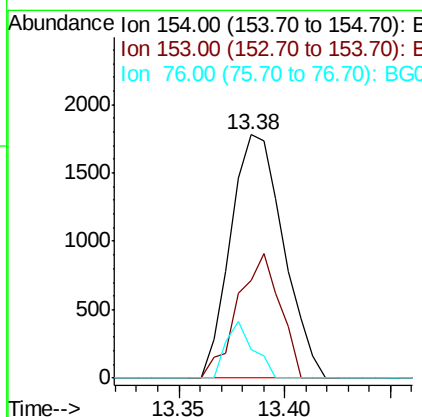
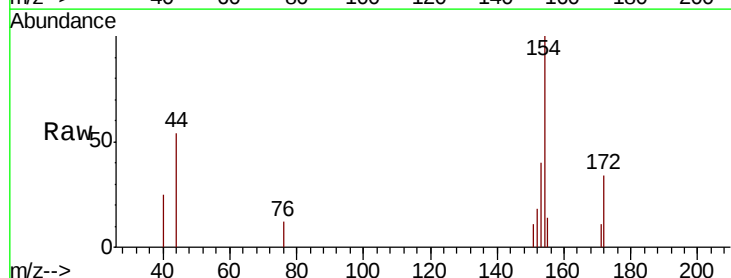
Instrument :
BNA_G
ClientSampled :

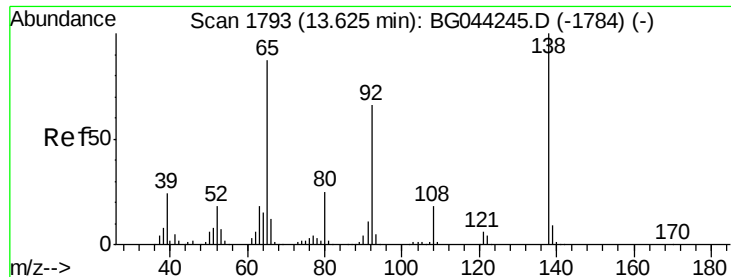
Tot Ion:172 Resp: 1255269
Ion Ratio Lower Upper
172 100
171 40.6 32.9 49.3
170 26.3 22.0 33.0



#46
1,1'-Biphenyl
Concen: 0.202 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion:154 Resp: 3074
Ion Ratio Lower Upper
154 100
153 39.9 22.7 62.7
76 11.7 0.0 32.9

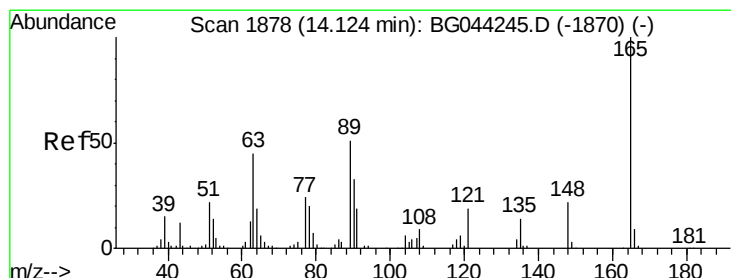
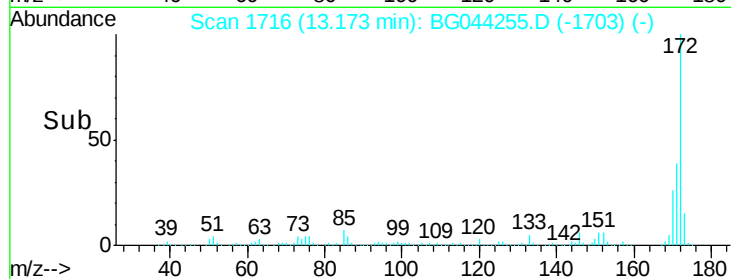
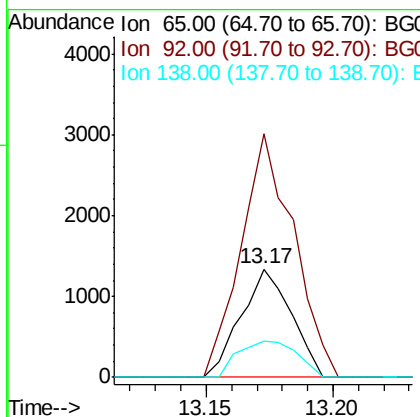
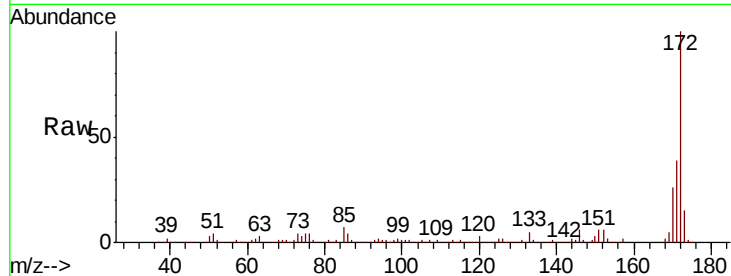




#48
2-Nitroaniline
Concen: 0.517 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.45 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

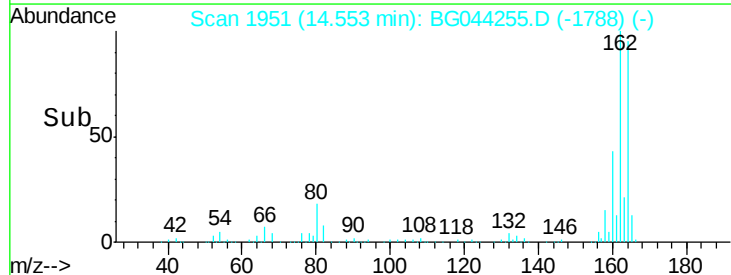
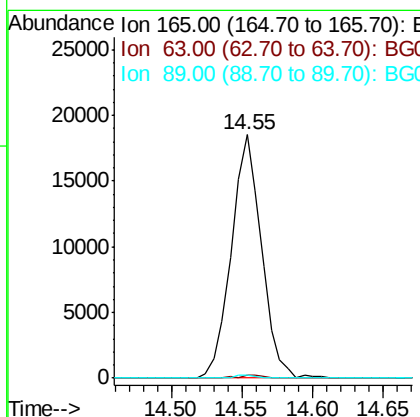
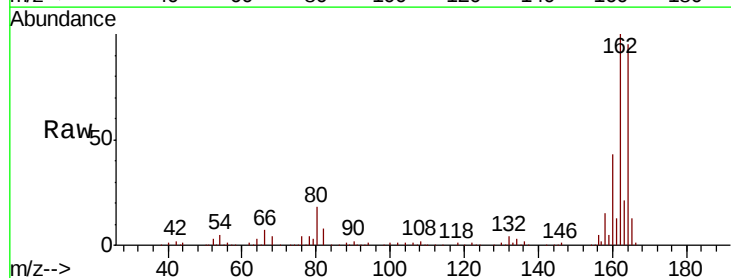
Instrument :
BNA_G
ClientSampleId :

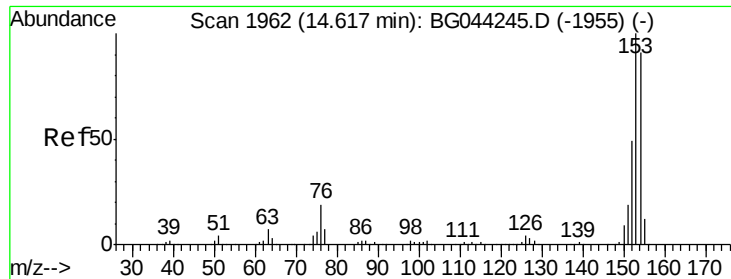
Tot Ion: 65 Resp: 1850
Ion Ratio Lower Upper
65 100
92 224.7 60.3 90.5#
138 33.4 91.9 137.9#



#51
2,6-Dinitrotoluene
Concen: 8.141 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.43 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion:165 Resp: 27579
Ion Ratio Lower Upper
165 100
63 1.0 38.7 58.1#
89 1.3 40.4 60.6#





#52

Acenaphthene

Concen: 0.075 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.06 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

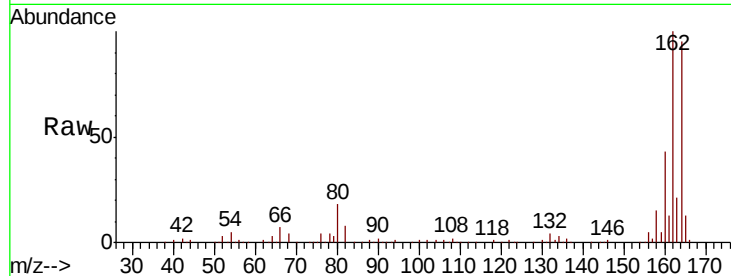
Tot Ion:154 Resp: 862

Ion Ratio Lower Upper

154 100

153 0.0 87.9 131.9#

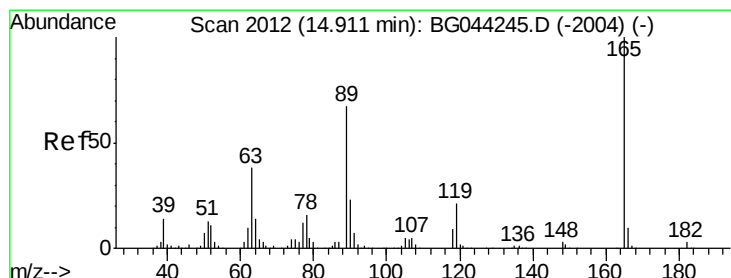
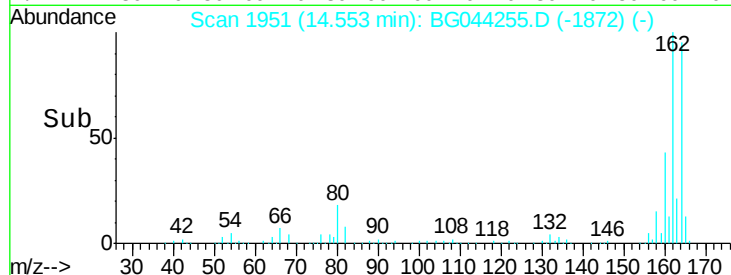
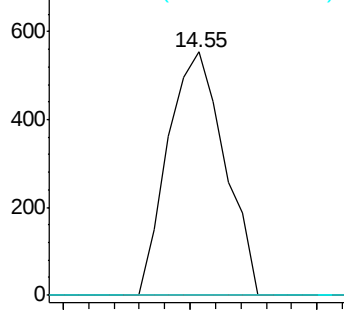
152 0.0 43.1 64.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 5.808 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.36 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Tgt Ion:165 Resp: 27579

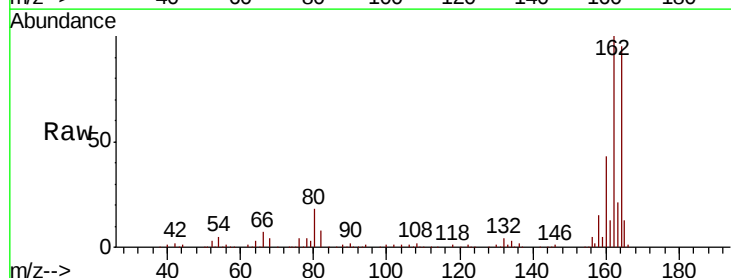
Ion Ratio Lower Upper

165 100

63 1.0 30.3 45.5#

89 1.3 53.4 80.2#

182 0.0 2.1 3.1#

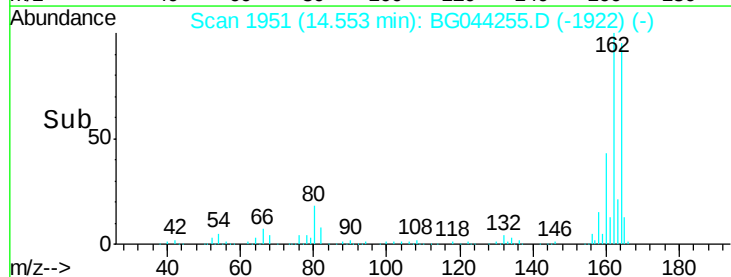
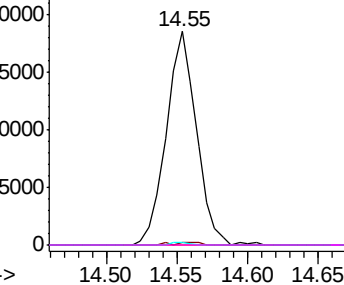


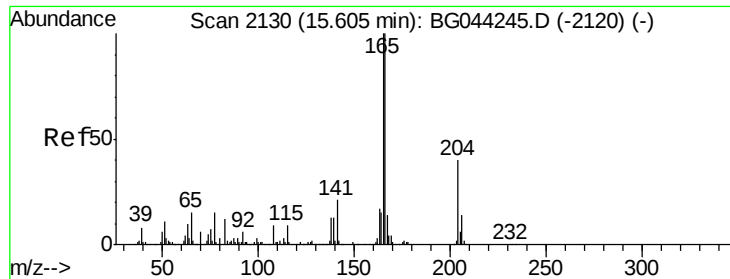
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 1.109 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.44 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

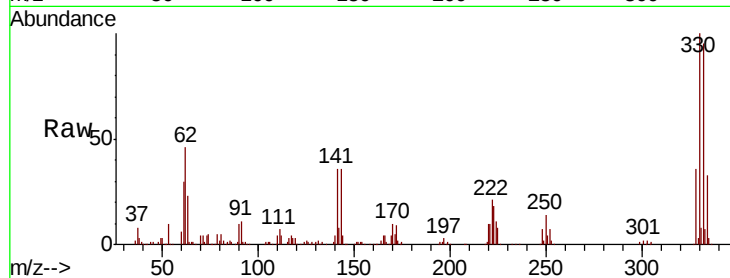
Tot Ion:166 Resp: 15251

Ion Ratio Lower Upper

166 100

165 98.2 79.9 119.9

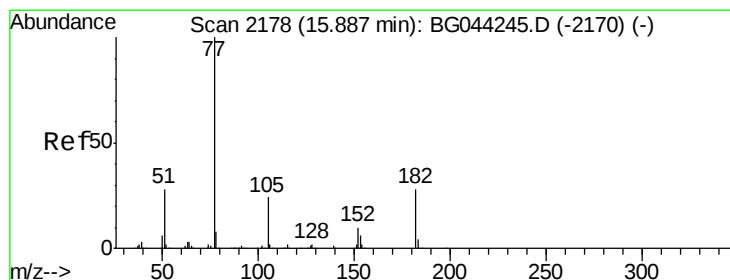
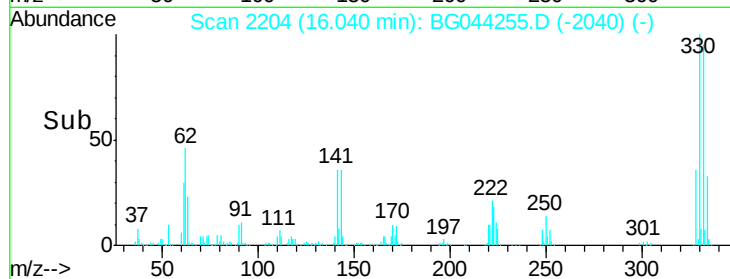
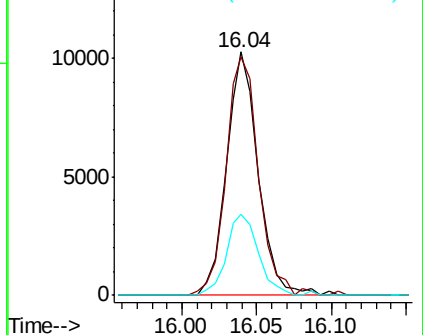
167 33.4 11.4 17.0#



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



#63

Azobenzene

Concen: 0.140 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.16 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Tgt Ion: 77 Resp: 1854

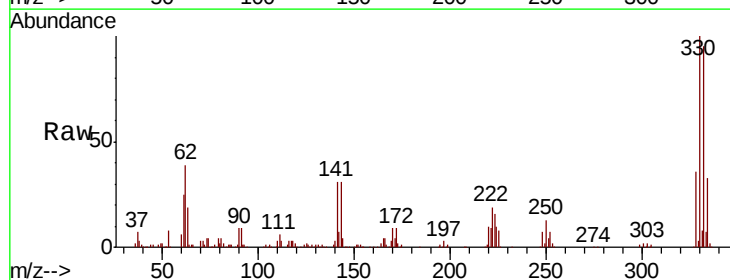
Ion Ratio Lower Upper

77 100

182 0.0 8.2 48.2#

105 72.2 3.6 43.6#

51 46.2 8.3 48.3

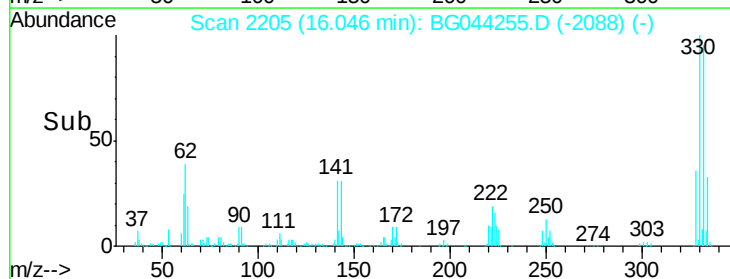
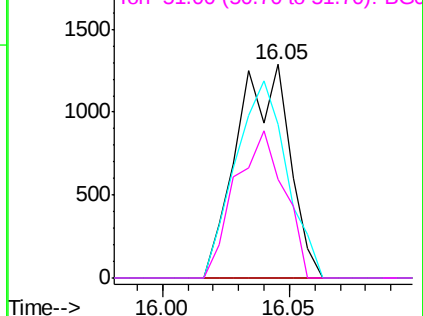


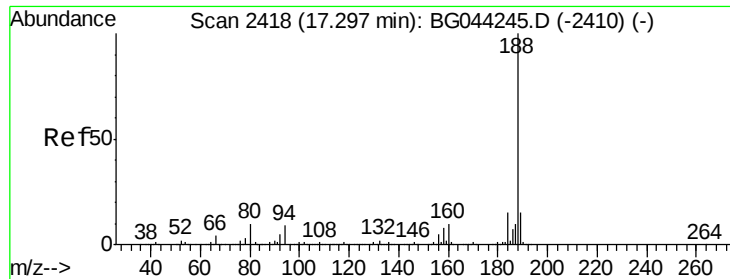
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

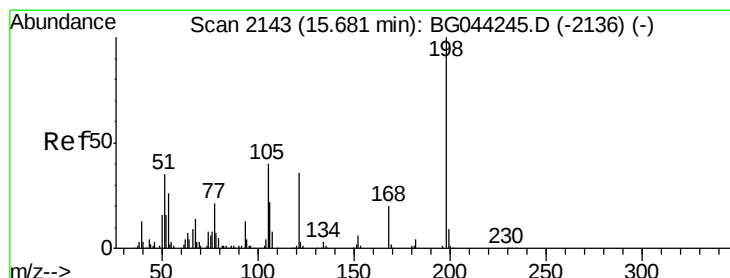
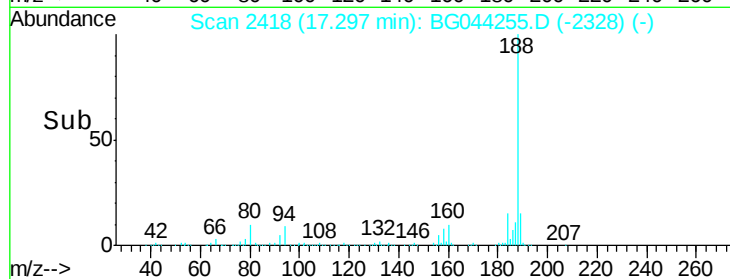
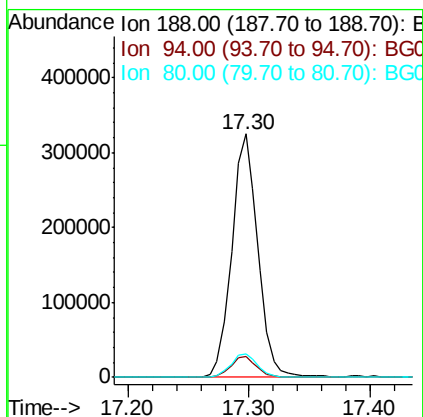
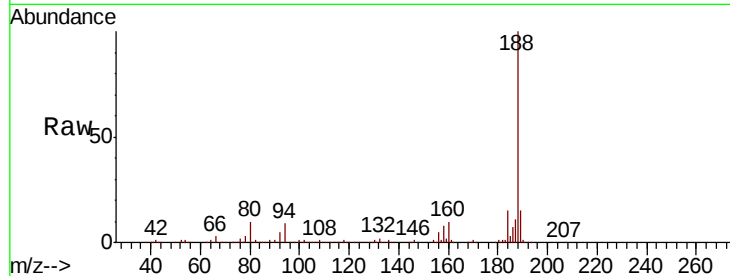




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

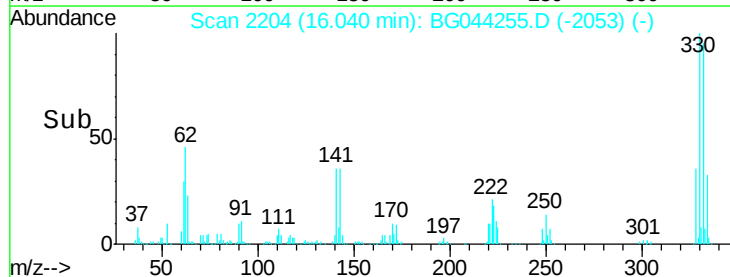
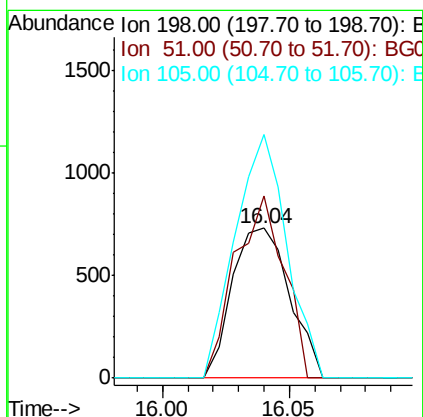
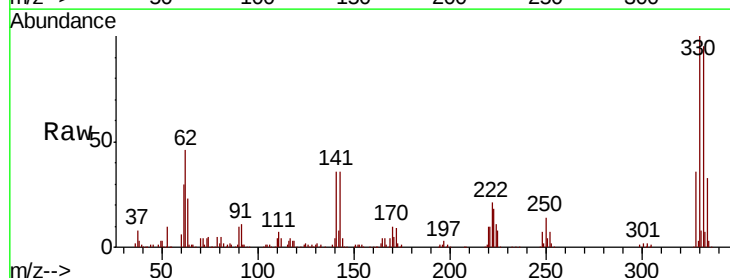
Instrument :
BNA_G
ClientSampleId :

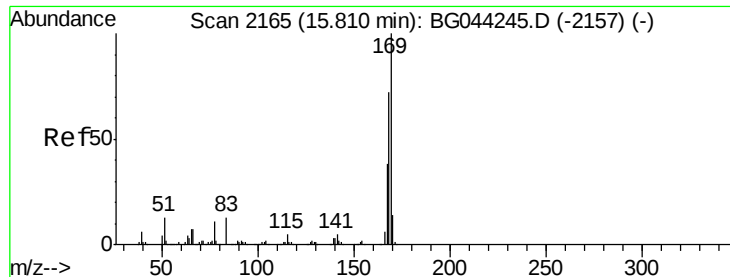
Tot Ion:188 Resp: 488971
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.7 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 0.426 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.36 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion:198 Resp: 1149
Ion Ratio Lower Upper
198 100
51 121.5 16.6 56.6#
105 162.4 20.6 60.6#

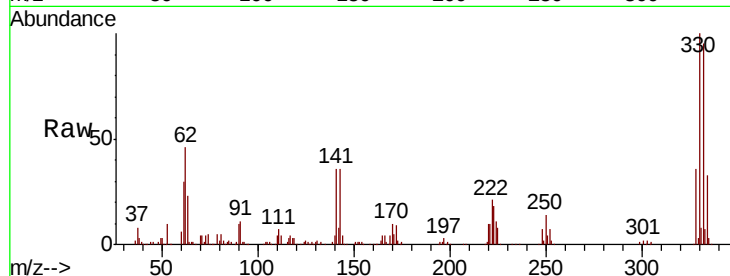




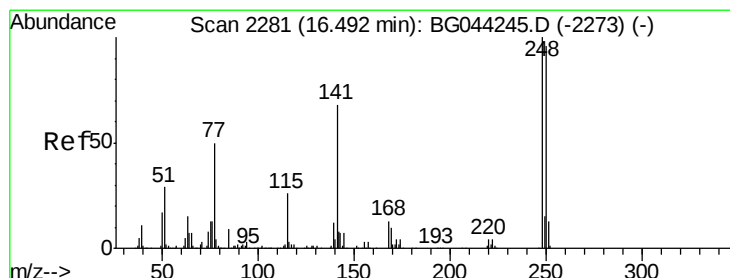
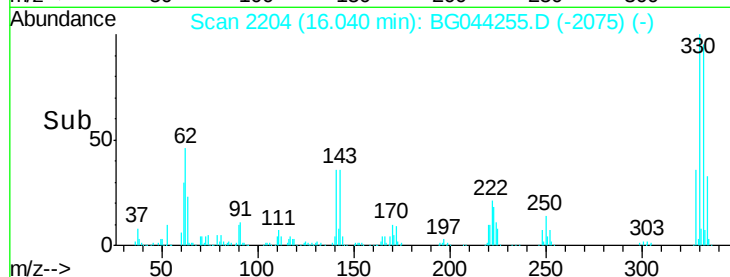
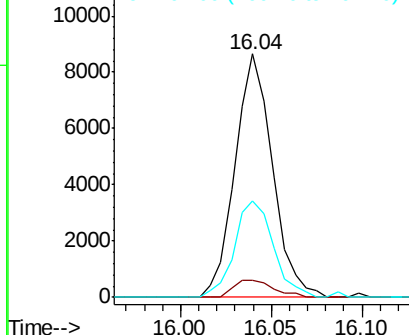
#66
 n-Nitrosodiphenylamine
 Concen: 0.905 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. 0.23 min
 Lab File: BG044255.D
 Acq: 31 Jan 2020 11:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 12403
 Ion Ratio Lower Upper
 169 100
 168 6.7 57.9 86.9#
 167 39.6 30.7 46.1

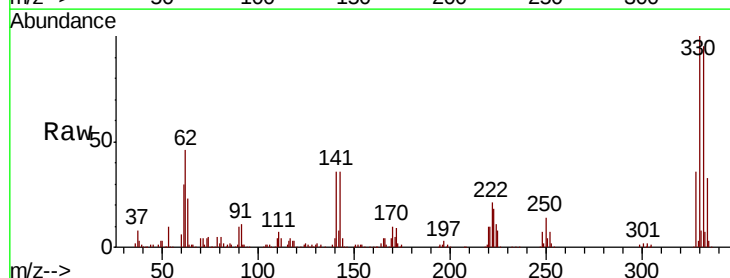


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

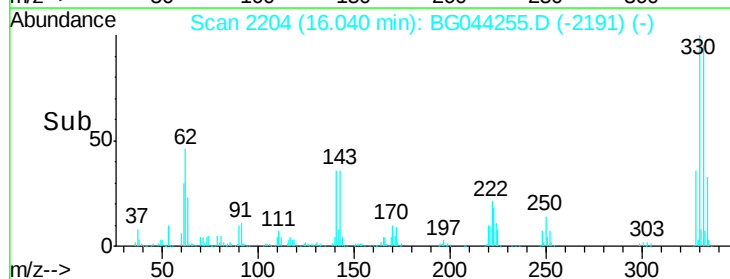
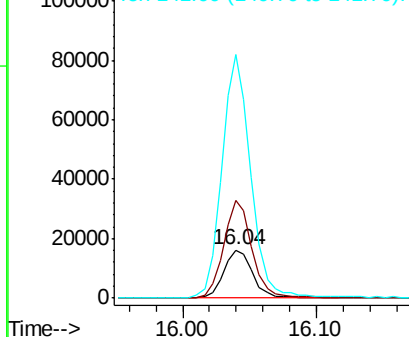


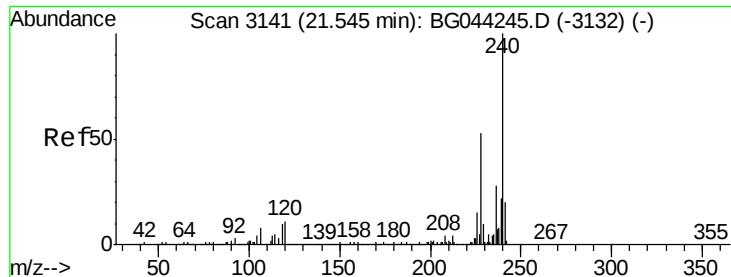
#67
 4-Bromophenyl-phenylether
 Concen: 4.591 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG044255.D
 Acq: 31 Jan 2020 11:37

Tgt Ion:248 Resp: 24459
 Ion Ratio Lower Upper
 248 100
 250 202.6 76.6 114.8#
 141 506.6 54.7 82.1#



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

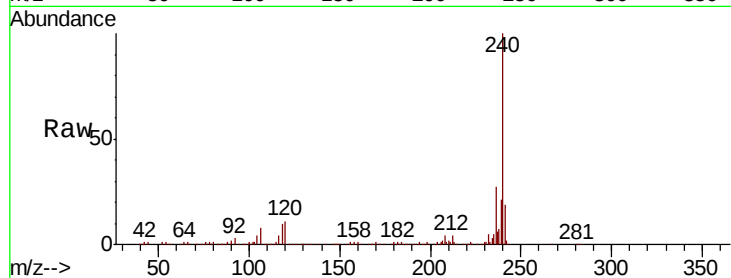




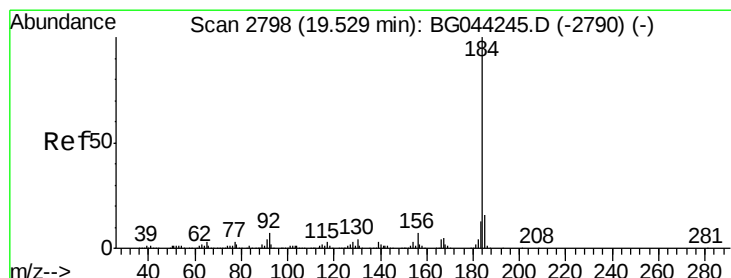
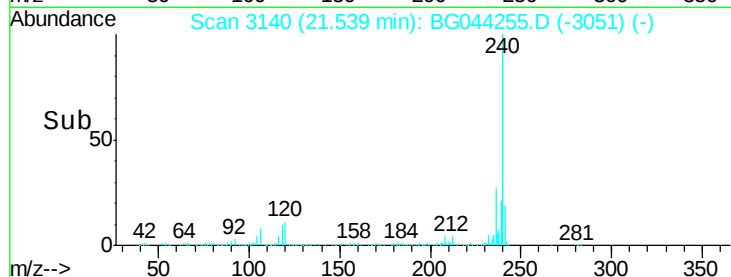
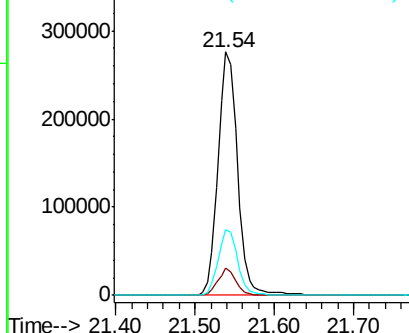
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 472408
Ion Ratio Lower Upper
240 100
120 11.3 8.4 12.6
236 26.9 22.1 33.1

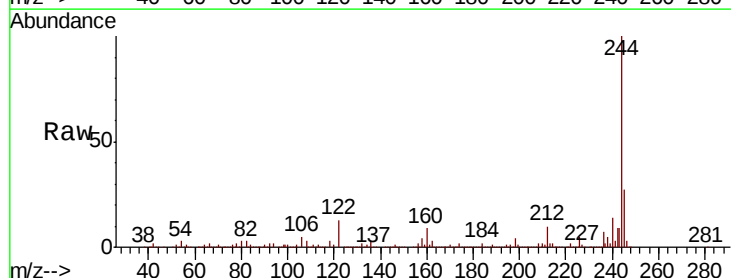


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

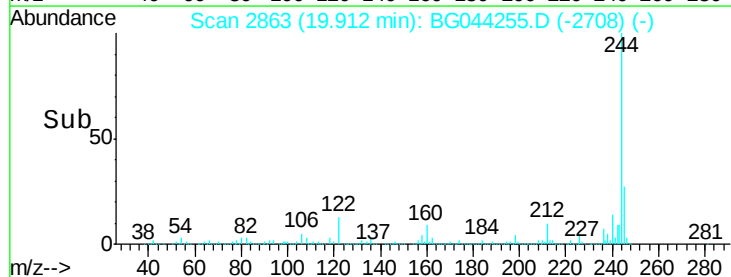
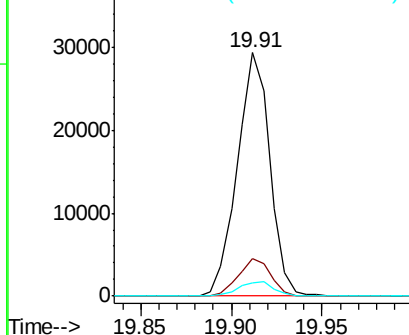


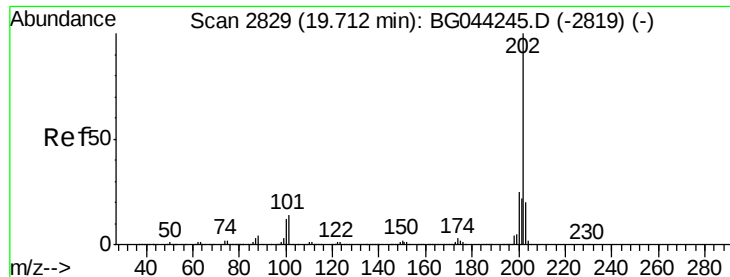
#77
Benzidine
Concen: 2.796 ng
RT: 19.91 min Scan# 2863
Delta R.T. 0.38 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion:184 Resp: 36637
Ion Ratio Lower Upper
184 100
185 15.7 12.9 19.3
183 5.6 10.8 16.2#



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

Pvrene

Concen: 0.272 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.20 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

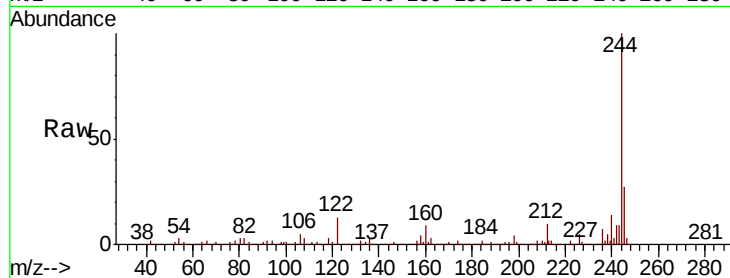
Tot Ion:202 Resp: 8258

Ion Ratio Lower Upper

202 100

200 47.3 20.0 30.0#

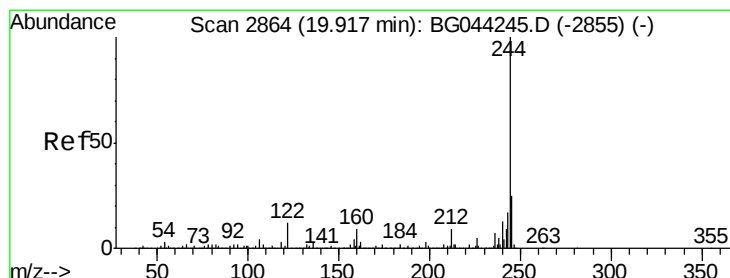
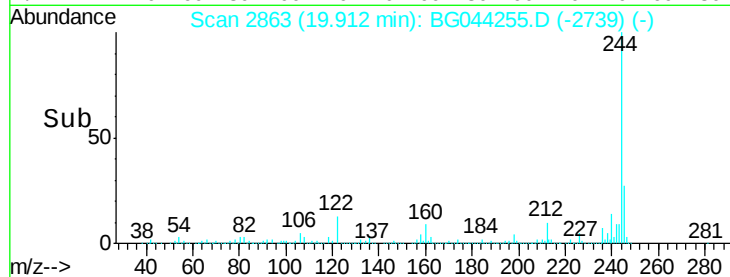
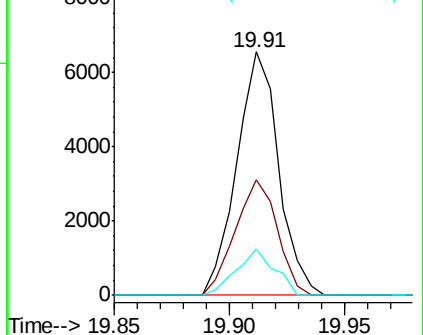
203 18.9 16.2 24.2



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: 91.554 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

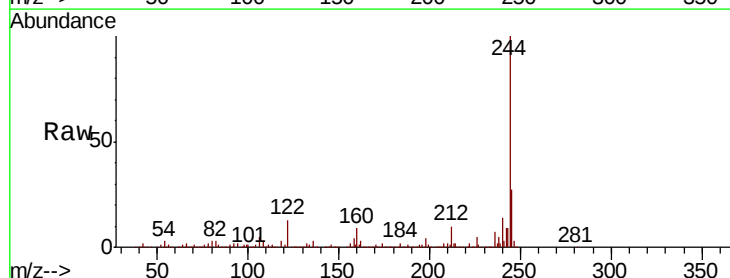
Tgt Ion:244 Resp: 2102759

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.2

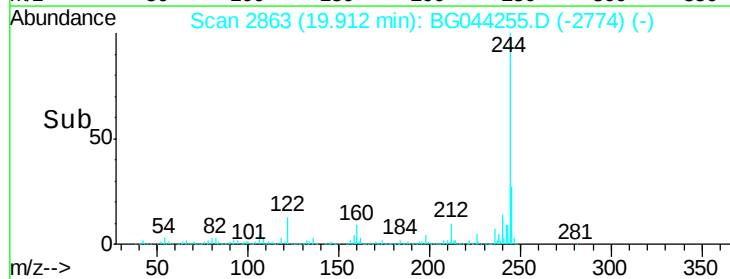
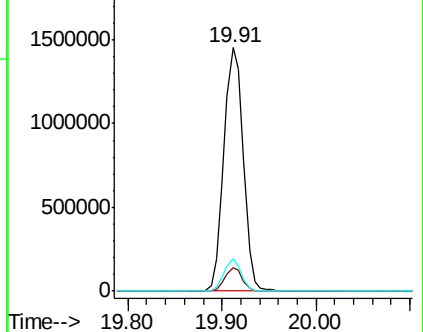
122 13.3 9.8 14.6

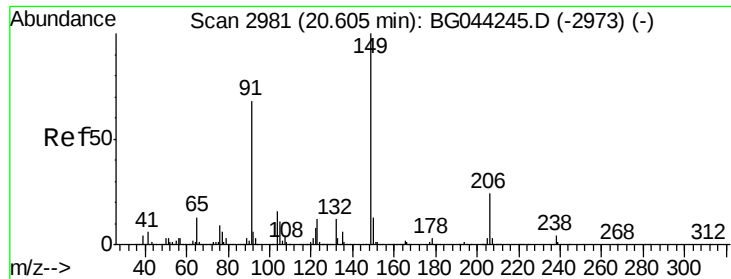


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

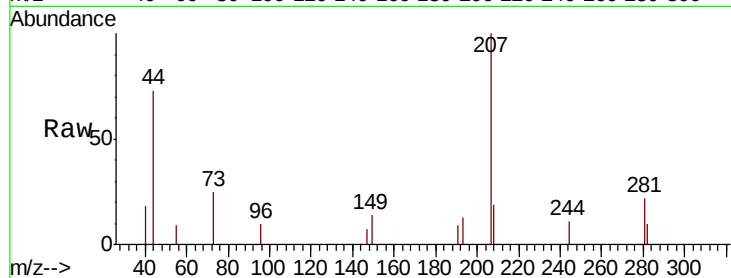




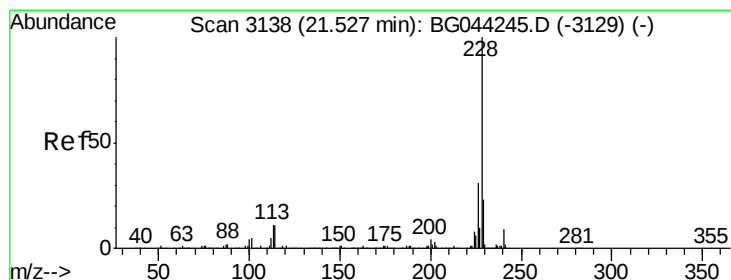
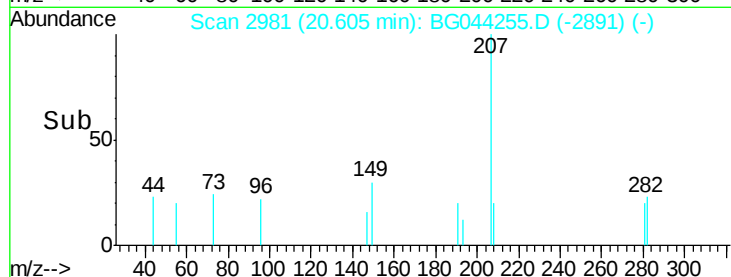
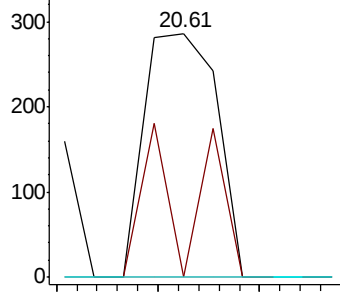
#80
Butylbenzylphthalate
Concen: 0.021 ng
RT: 20.61 min Scan# 2981
Delta R.T. 0.00 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 286
Ion Ratio Lower Upper
149 100
91 0.0 54.5 81.7#
206 0.0 19.1 28.7#

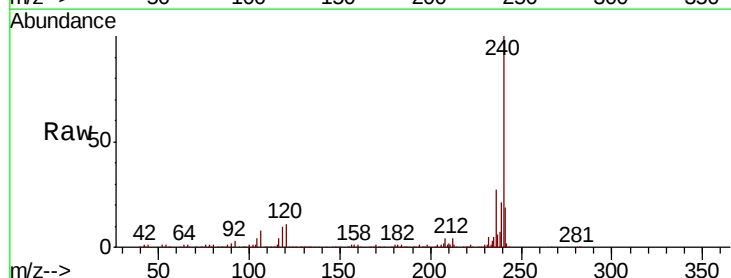


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG0
Ion 206.00 (205.70 to 206.70): E

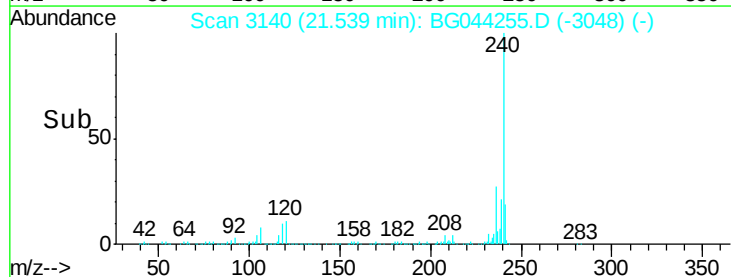
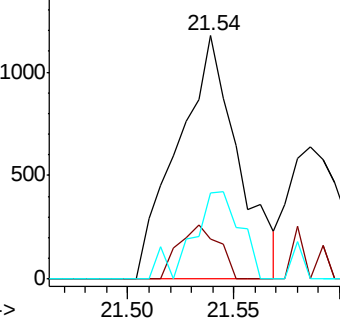


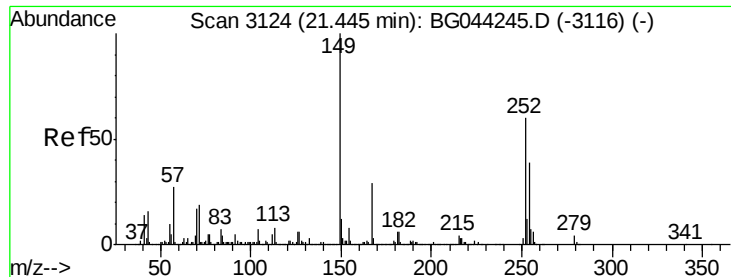
#81
Benzo(a)anthracene
Concen: 0.080 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion:228 Resp: 2321
Ion Ratio Lower Upper
228 100
226 16.5 24.7 37.1#
229 35.5 18.2 27.4#



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





#82

3,3'-Dichlorobenzidine

Concen: 0.006 ng

RT: 21.46 min Scan# 3127

Delta R.T. 0.02 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

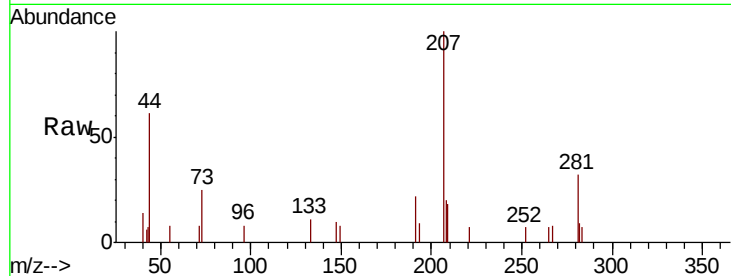
Tot Ion:252 Resp: 66

Ion Ratio Lower Upper

252 100

254 0.0 52.6 78.8#

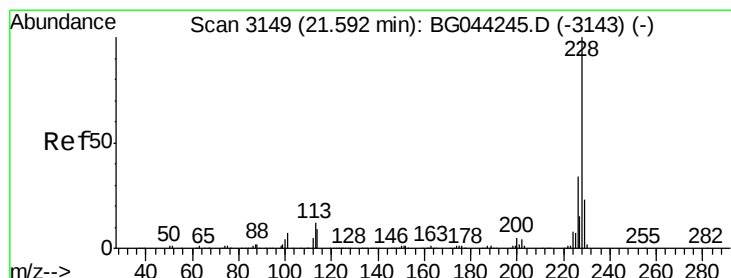
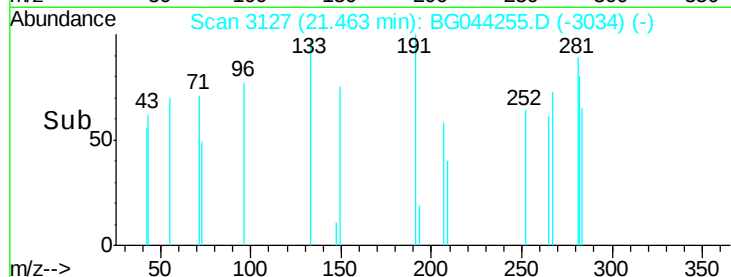
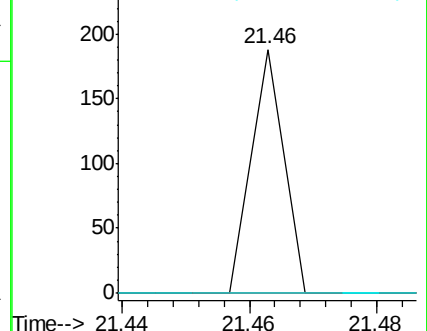
126 0.0 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.039 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

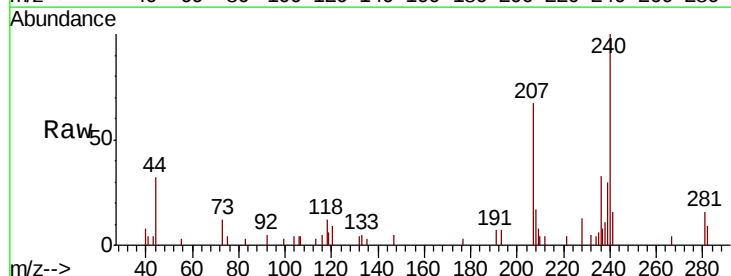
Tgt Ion:228 Resp: 1100

Ion Ratio Lower Upper

228 100

226 0.0 27.1 40.7#

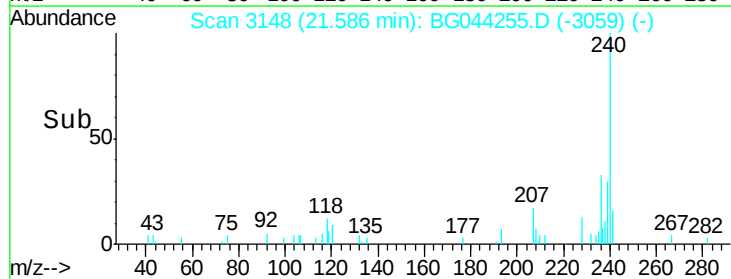
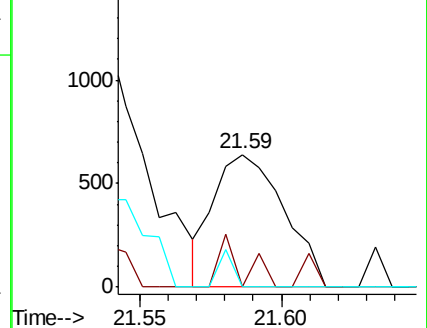
229 0.0 17.9 26.9#

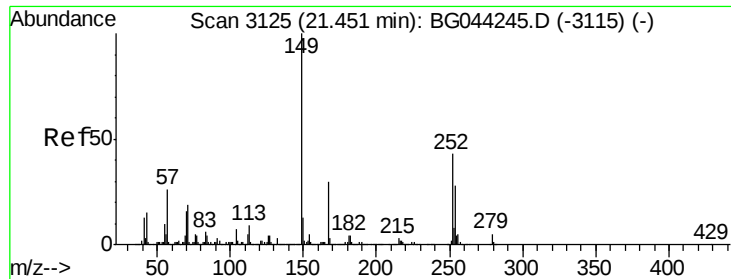


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.043 ng

RT: 21.45 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

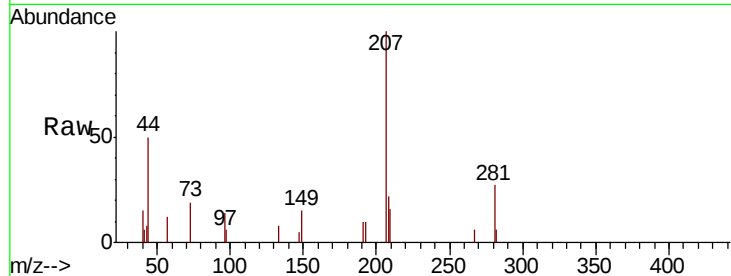
Tot Ion:149 Resp: 826

Ion Ratio Lower Upper

149 100

167 0.0 24.0 36.0#

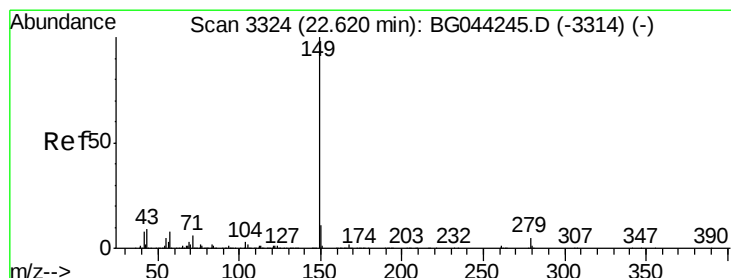
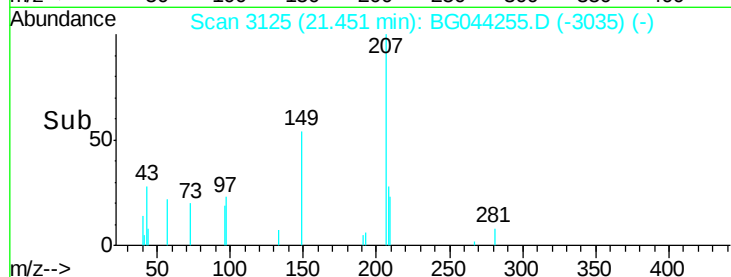
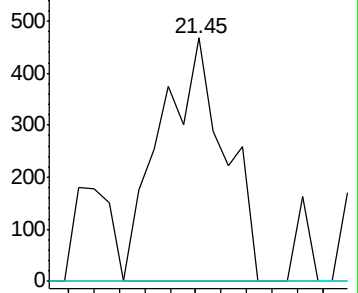
279 0.0 3.8 5.8#



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: 0.043 ng

RT: 22.62 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

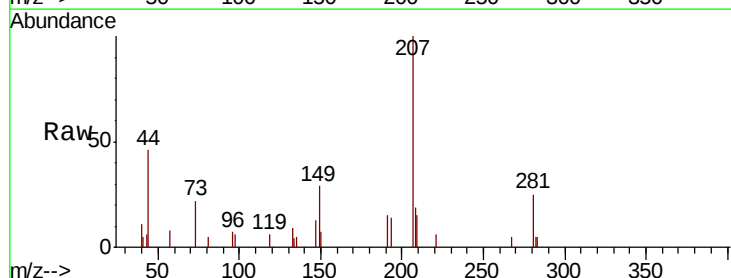
Tgt Ion:149 Resp: 1419

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

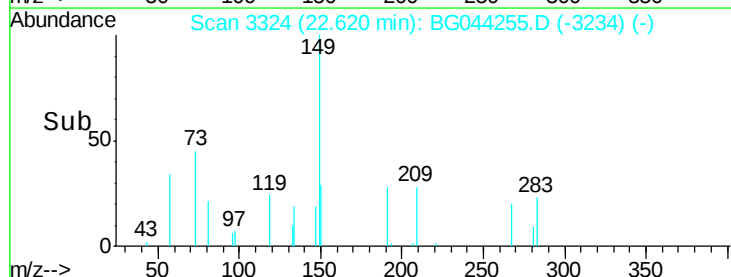
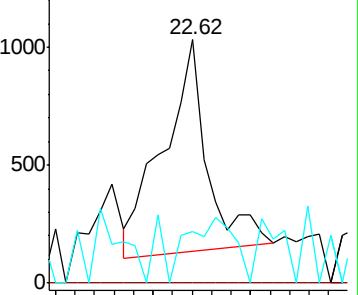
43 32.3 7.4 11.0#

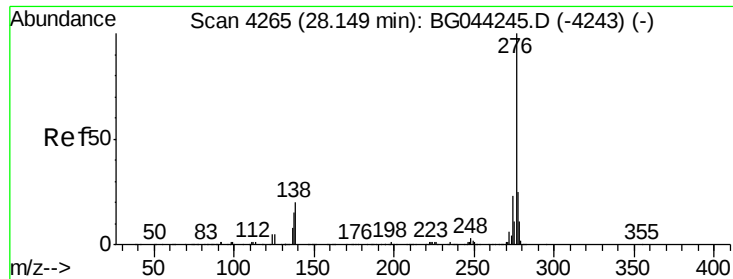


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.106 ng

RT: 28.14 min Scan# 4263

Delta R.T. -0.01 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampled :

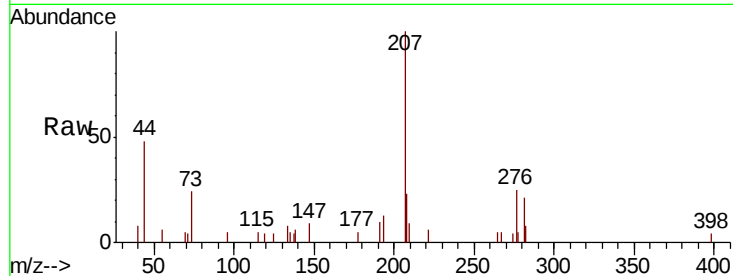
Tot Ion:276 Resp: 3885

Ion Ratio Lower Upper

276 100

138 2.0 19.4 29.0#

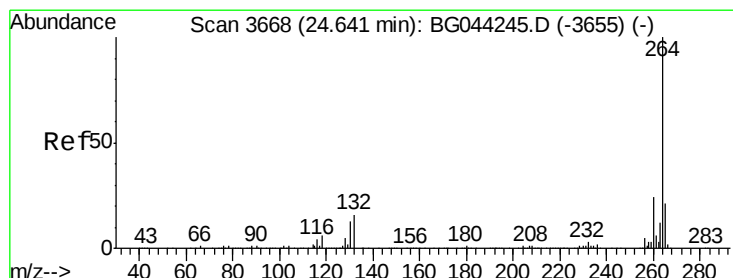
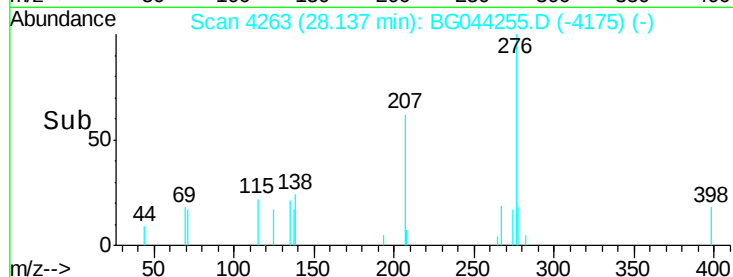
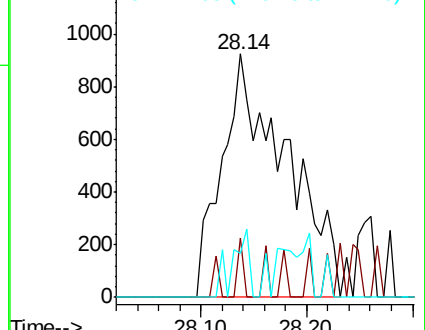
277 7.1 21.0 31.6#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

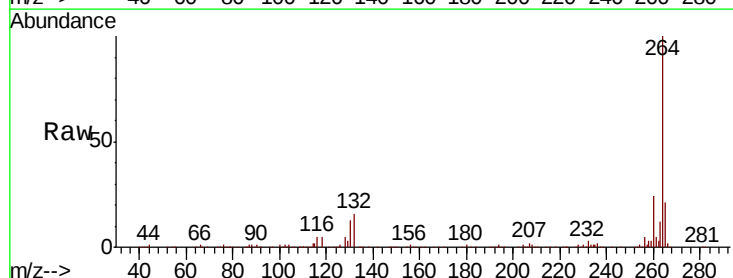
Tgt Ion:264 Resp: 526429

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

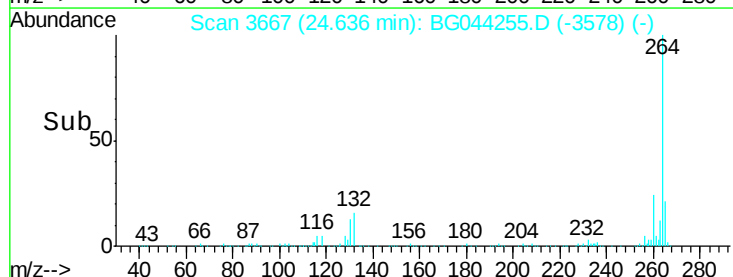
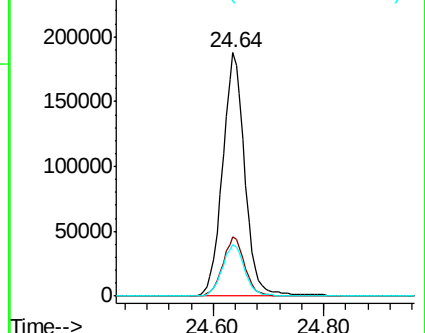
265 21.0 16.7 25.1

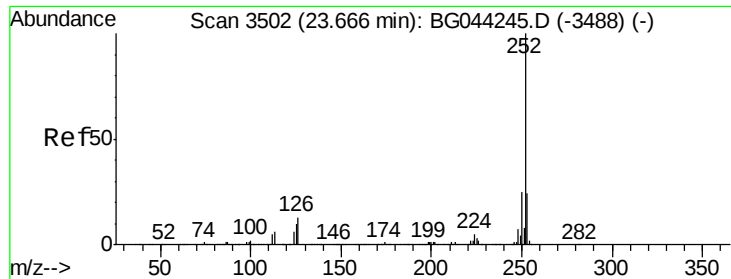


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.046 ng

RT: 23.67 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

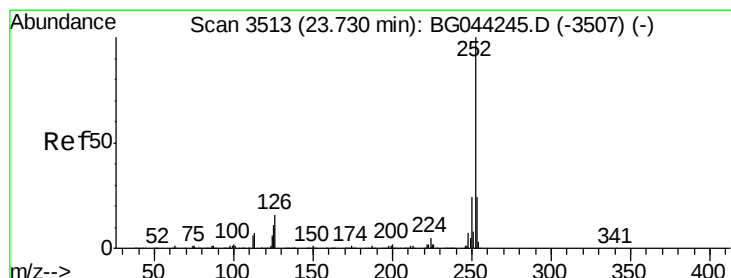
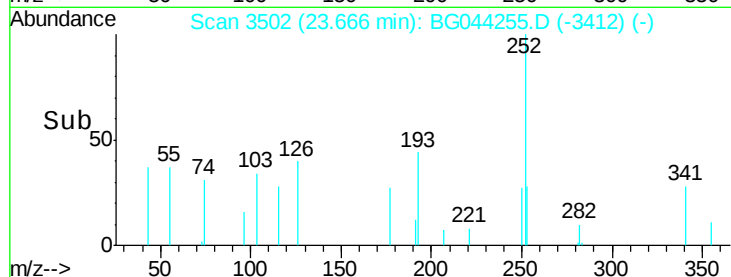
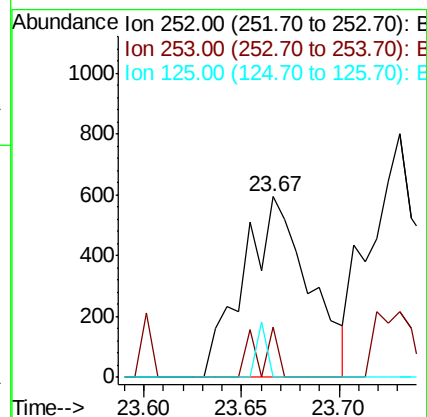
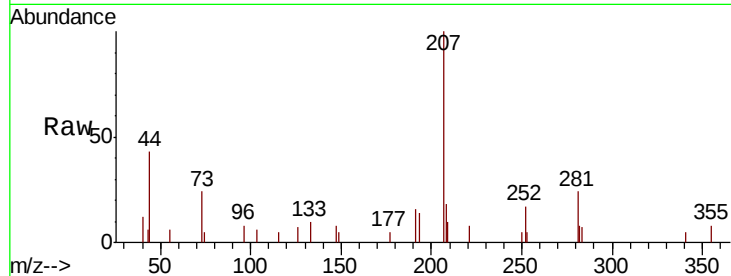
Tot Ion:252 Resp: 1385

Ion Ratio Lower Upper

252 100

253 27.9 19.2 28.8

125 0.0 8.4 12.6#



#89

Benzo(k)fluoranthene

Concen: 0.053 ng

RT: 23.73 min Scan# 3513

Delta R.T. 0.00 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

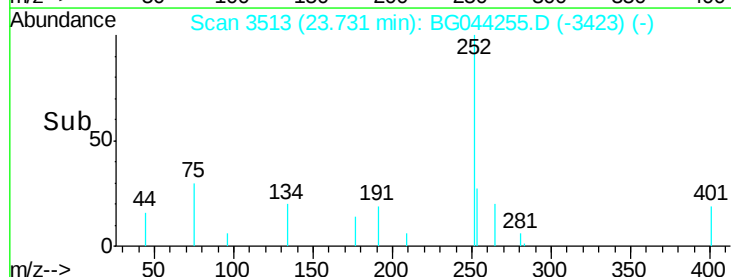
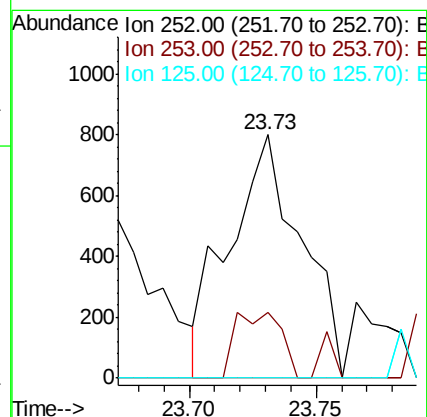
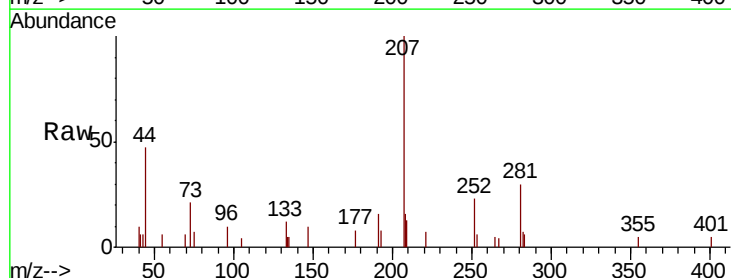
Tgt Ion:252 Resp: 1576

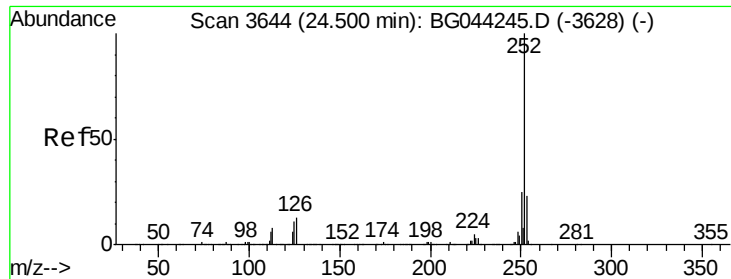
Ion Ratio Lower Upper

252 100

253 27.0 19.1 28.7

125 0.0 8.6 12.8#





#90

Benzo(a)pyrene

Concen: 0.029 ng

RT: 24.48 min Scan# 3640

Delta R.T. -0.02 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampled :

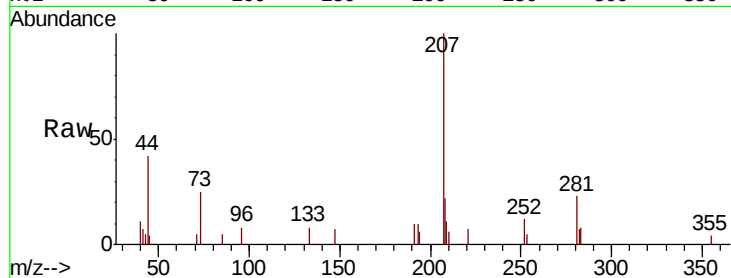
Tot Ion:252 Resp: 821

Ion Ratio Lower Upper

252 100

253 39.5 18.1 27.1#

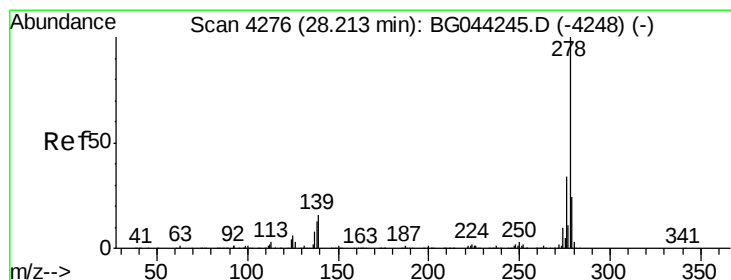
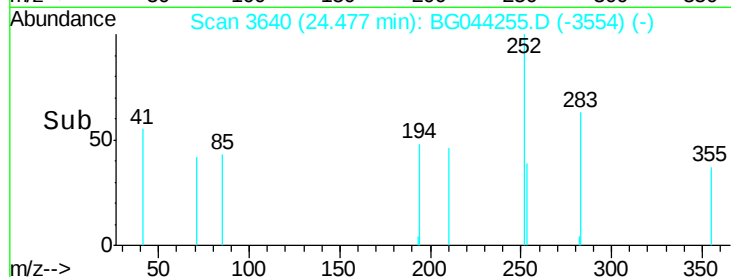
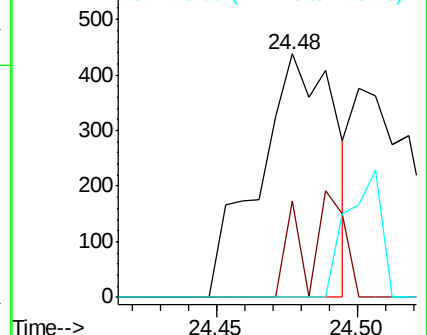
125 0.0 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.076 ng

RT: 28.21 min Scan# 4275

Delta R.T. -0.01 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

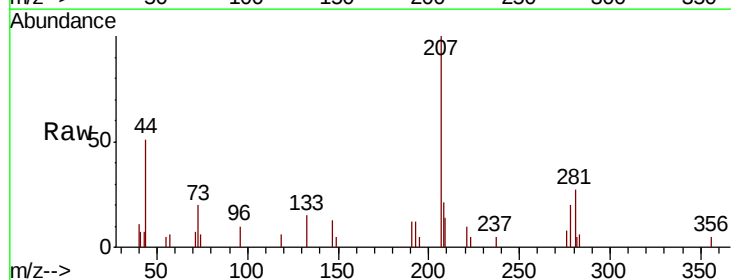
Tgt Ion:278 Resp: 2152

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

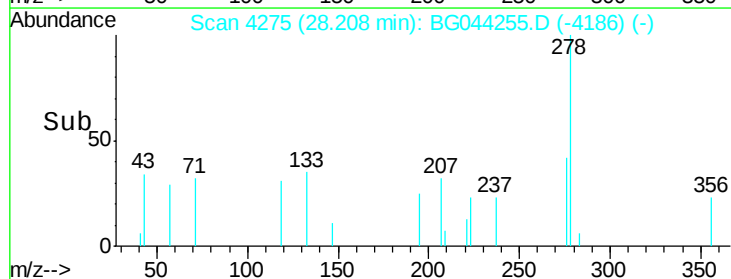
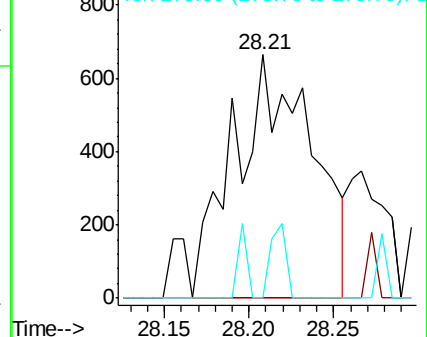
279 0.0 19.3 28.9#

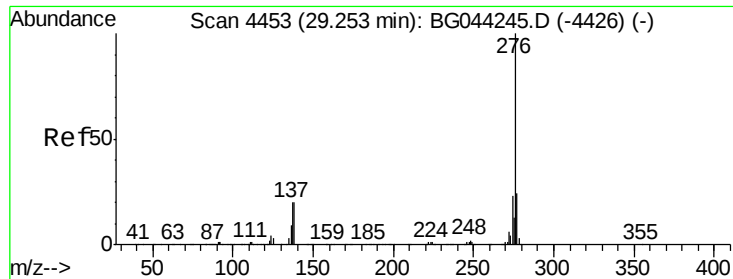


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.150 ng

RT: 29.24 min Scan# 4450

Delta R.T. -0.02 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

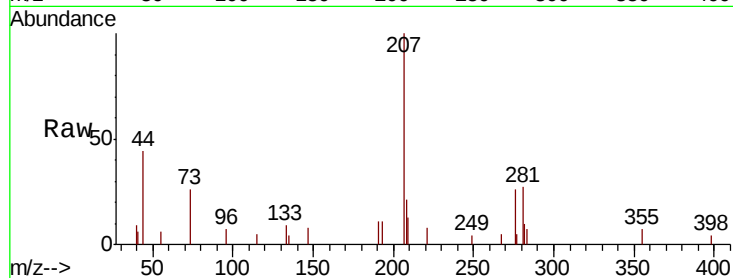
Tot Ion:276 Resp: 4255

Ion Ratio Lower Upper

276 100

277 18.2 18.8 28.2#

138 0.0 16.2 24.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

