

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044585.D
 Acq On : 25 Feb 2020 20:35
 Operator : CG/JU
 Sample : L1654-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:02:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	59327	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	240840	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	161746	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	380851	20.00	ng	0.00
76) Chrysene-d12	21.50	240	372664	20.00	ng	0.00
87) Perylene-d12	24.56	264	411072	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	441375	119.37	ng	0.00
7) Phenol-d6	7.05	99	565878	111.80	ng	0.00
23) Nitrobenzene-d5	9.03	82	337370	72.17	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	246105	107.31	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	801277	70.94	ng	0.00
79) Terphenyl-d14	19.88	244	1464166	74.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	146	0.090	ng	# 66
4) n-Nitrosodimethylamine	3.65	42	129	0.075	ng	# 1
9) Benzaldehyde	7.06	77	1002	0.337	ng	# 1
10) Phenol	7.07	94	4532	0.924	ng	# 30
15) Benzyl Alcohol	8.20	79	5327	1.561	ng	# 50
19) n-Nitroso-di-n-propylamine	9.03	70	43396	13.339	ng	# 77
24) Nitrobenzene	9.03	77	891	0.197	ng	# 32
25) Isophorone	9.65	82	183	0.021	ng	# 65
46) 1,1'-Biphenyl	13.35	154	1855	0.139	ng	# 89
48) 2-Nitroaniline	13.97	65	54	0.019	ng	# 1
50) Dimethylphthalate	13.98	163	27336	2.094	ng	# 97
51) 2,6-Dinitrotoluene	14.52	165	20970	7.283	ng	# 32
52) Acenaphthene	14.52	154	499	0.051	ng	# 5
57) 2,4-Dinitrotoluene	14.52	165	20970	5.180	ng	# 31
58) Fluorene	16.00	166	9955	0.829	ng	# 90
60) Diethylphthalate	15.35	149	63	0.005	ng	# 57
63) Azobenzene	16.00	77	1237	0.112	ng	# 11
65) 4,6-Dinitro-2-methylphenol	16.01	198	696	0.295	ng	# 1
66) n-Nitrosodiphenylamine	16.00	169	8245	0.694	ng	# 48
67) 4-Bromophenyl-phenylether	16.00	248	16291	3.446	ng	# 1
71) Phenanthrene	17.30	178	61	0.003	ng	# 58
72) Anthracene	17.30	178	61	0.003	ng	# 59
74) Di-n-butylphthalate	18.23	149	945	0.040	ng	# 77
75) Fluoranthene	19.34	202	75	0.003	ng	# 62
77) Benzidine	19.88	184	21874	1.714	ng	# 94
78) Pyrene	19.88	202	4917	0.182	ng	# 64
80) Butylbenzylphthalate	20.58	149	253	0.021	ng	# 26
81) Benzo(a)anthracene	21.50	228	1417	0.054	ng	# 43
83) Chrysene	21.54	228	135	0.005	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.40	149	2575	0.158	ng	# 91
85) Di-n-octyl phthalate	22.55	149	484	0.017	ng	# 80
86) Indeno(1,2,3-cd)pyrene	28.11	276	59	0.002	ng	# 51
88) Benzo(b)fluoranthene	23.61	252	415	0.015	ng	# 59
89) Benzo(k)fluoranthene	23.67	252	487	0.019	ng	# 58

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

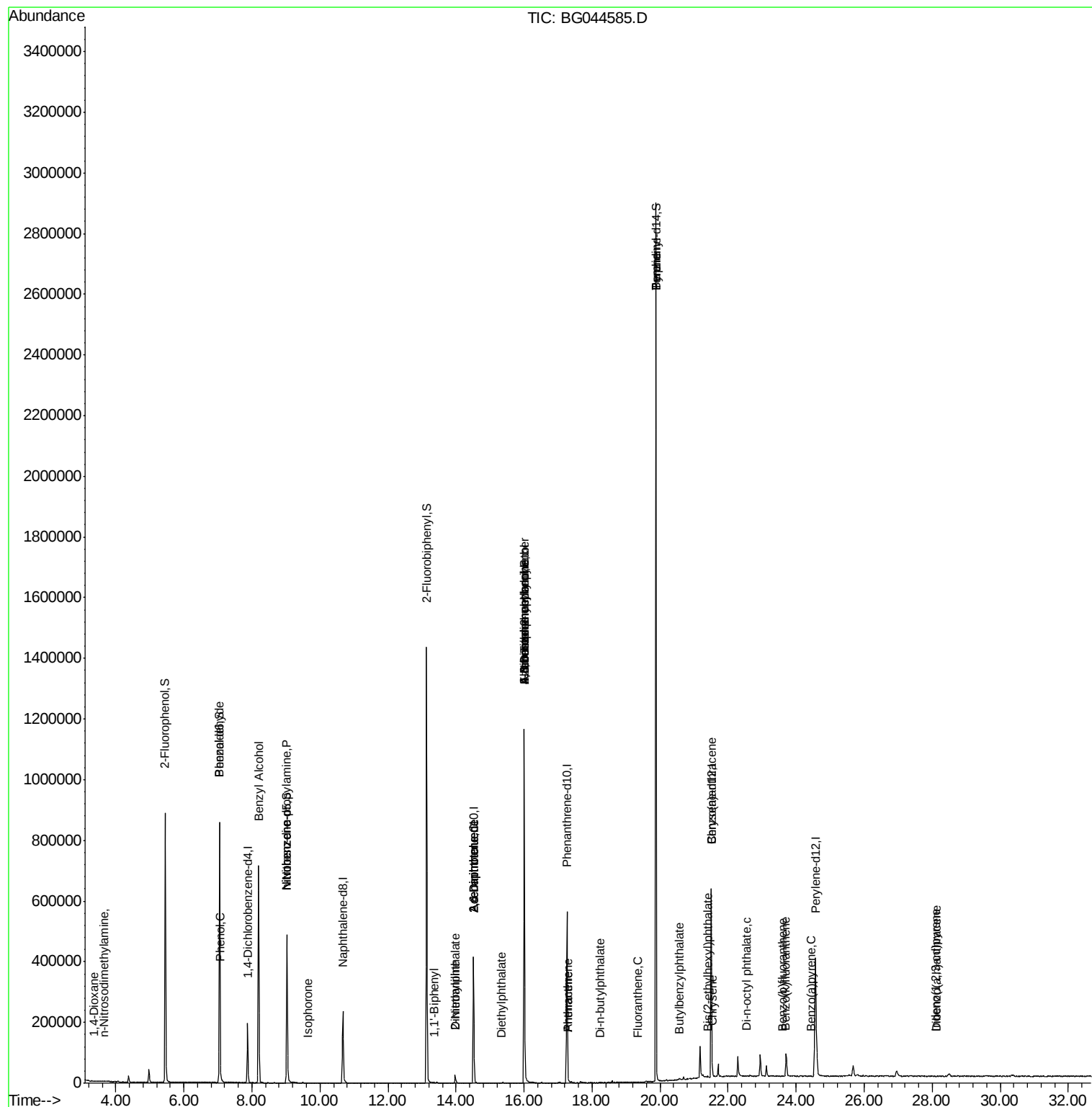
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	24.42	252	313	0.012	ng	# 58
91) Dibenzo(a,h)anthracene	28.13	278	63	0.003	ng	# 56

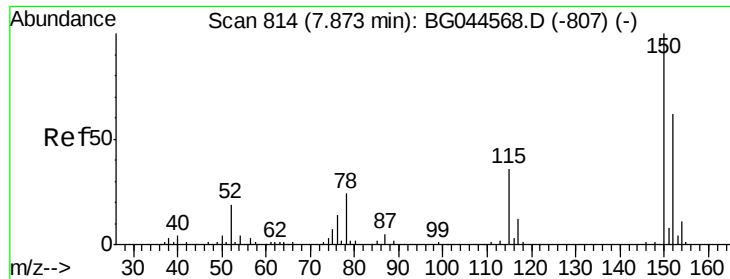
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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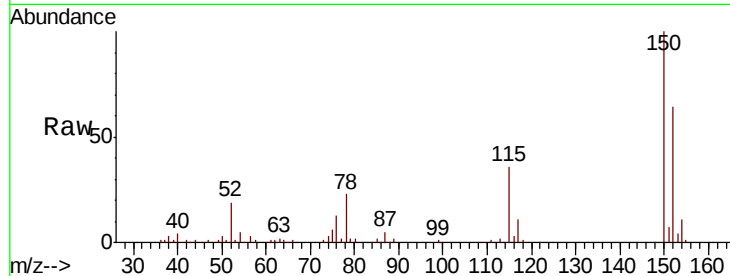


#1

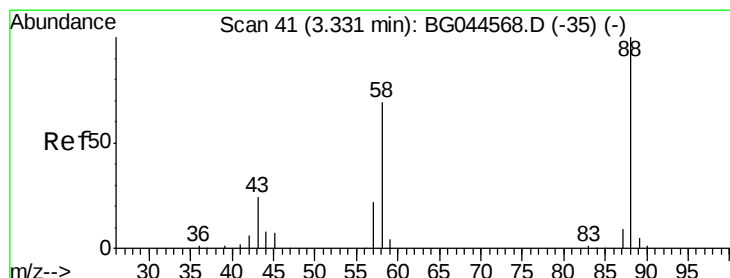
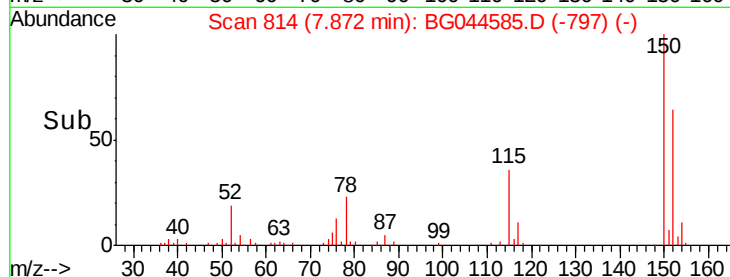
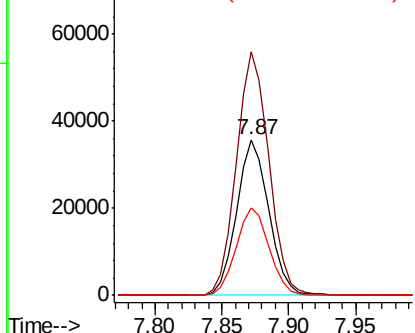
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044585.D
Acq: 25 Feb 2020 20:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59327
Ion Ratio Lower Upper
152 100
150 156.1 128.9 193.3
115 56.1 47.0 70.4



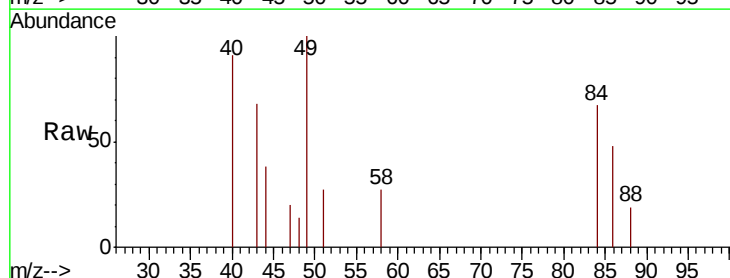
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



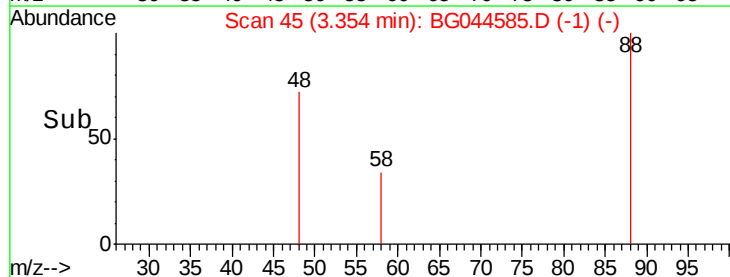
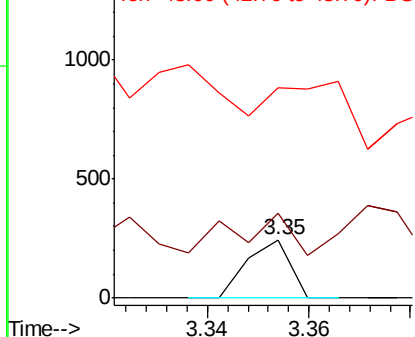
#2

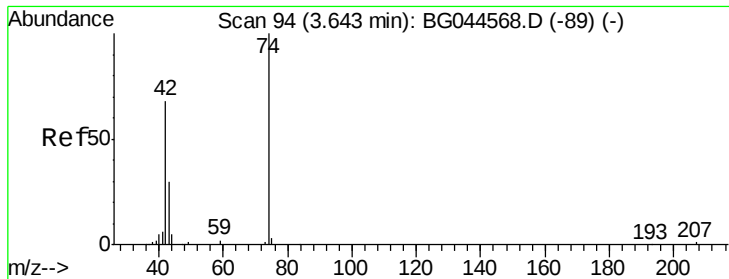
1,4-Dioxane
Concen: 0.090 ng
RT: 3.35 min Scan# 45
Delta R.T. 0.02 min
Lab File: BG044585.D
Acq: 25 Feb 2020 20:35

Tgt Ion: 88 Resp: 146
Ion Ratio Lower Upper
88 100
58 92.5 55.8 83.8#
43 0.0 20.6 31.0#



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





#4

n-Nitrosodimethylamine

Concen: 0.075 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

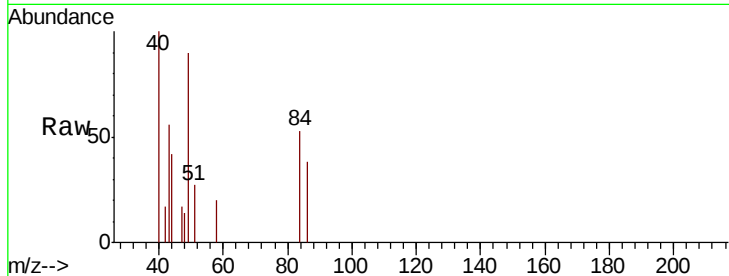
Tot Ion: 42 Resp: 129

Ion Ratio Lower Upper

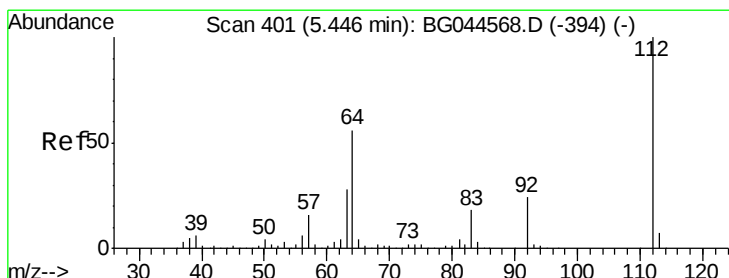
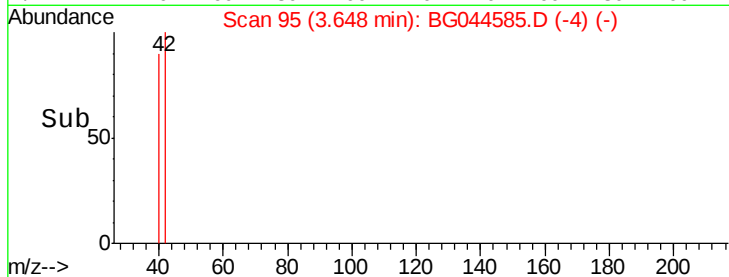
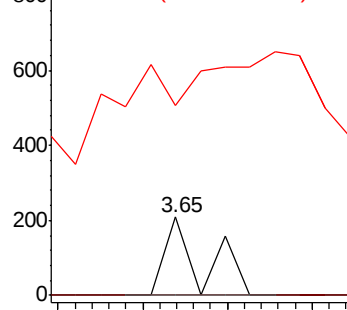
42 100

74 0.0 117.6 176.4#

44 243.1 6.3 9.5#



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: 119.368 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

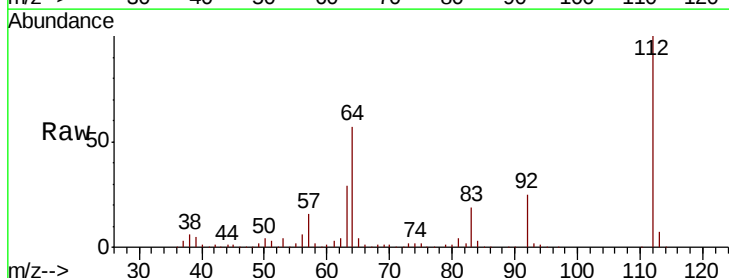
Tgt Ion: 112 Resp: 441375

Ion Ratio Lower Upper

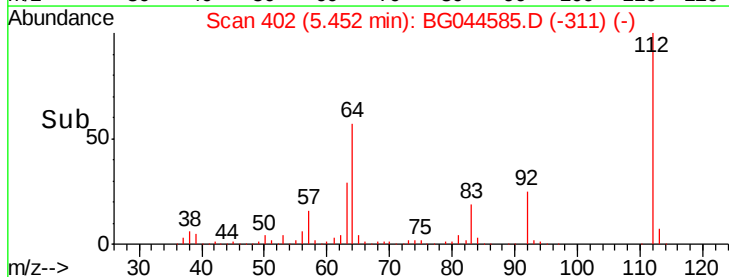
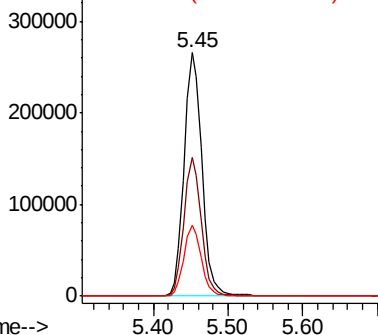
112 100

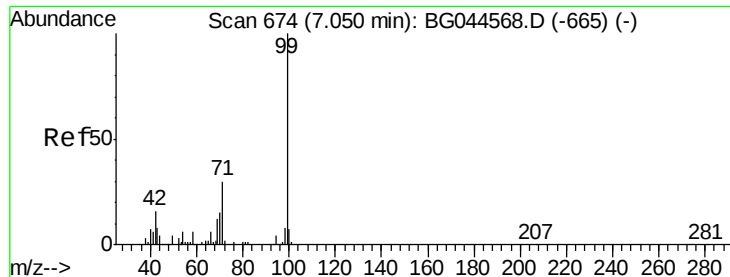
64 57.0 44.8 67.2

63 28.9 22.3 33.5



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: 111.804 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

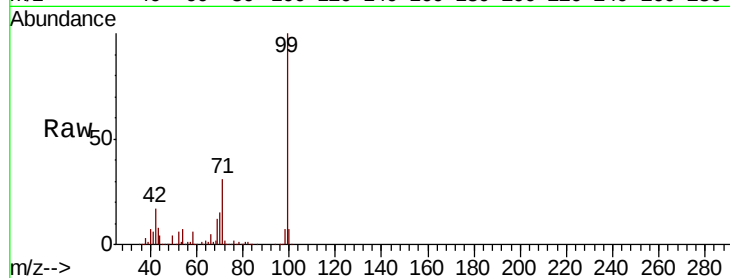
Tot Ion: 99 Resp: 565878

Ion Ratio Lower Upper

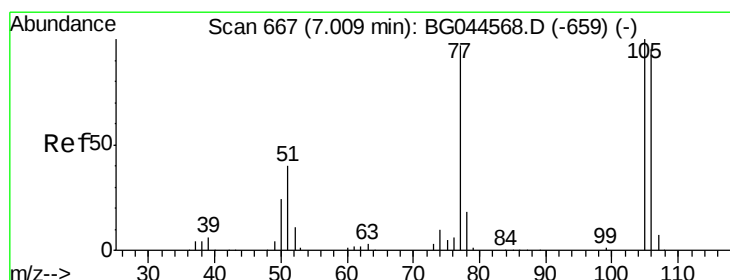
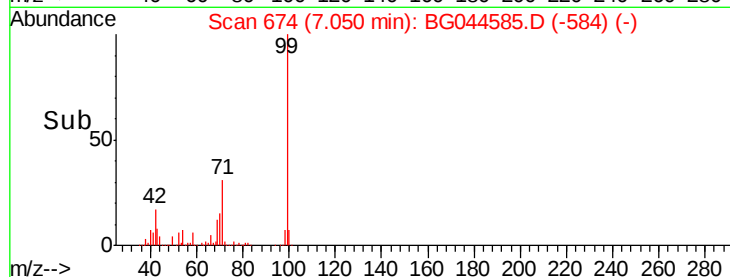
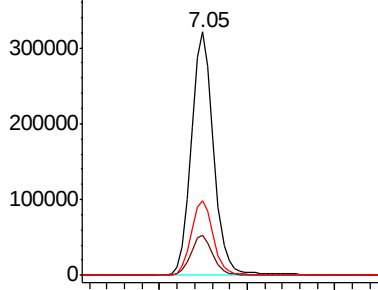
99 100

42 16.7 12.8 19.2

71 30.6 24.4 36.6



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: 0.337 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.05 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

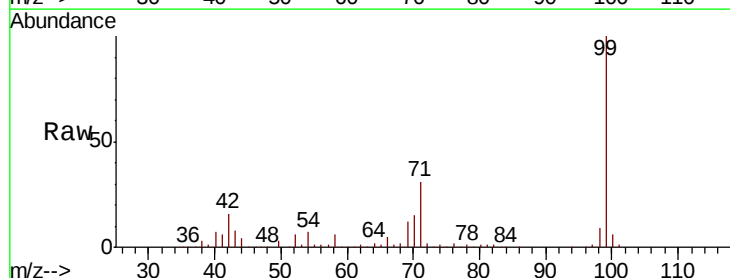
Tgt Ion: 77 Resp: 1002

Ion Ratio Lower Upper

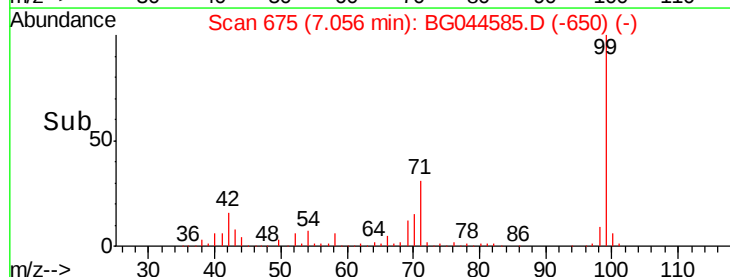
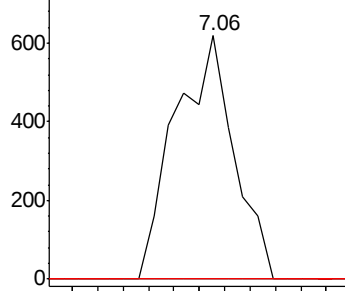
77 100

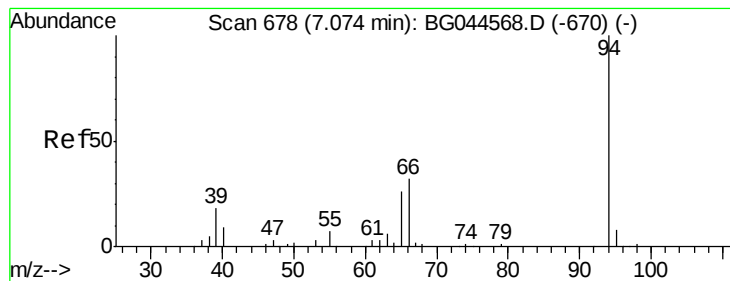
105 0.0 83.6 123.6#

106 0.0 78.2 118.2#



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: 0.924 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

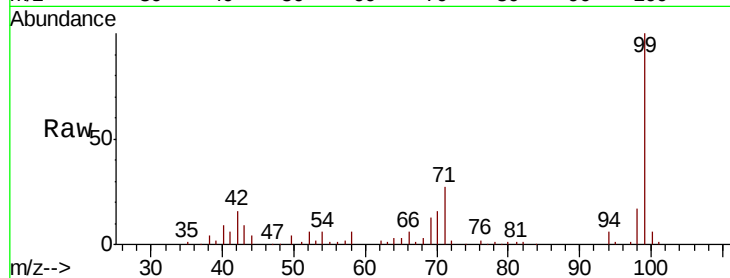
Tot Ion: 94 Resp: 4532

Ion Ratio Lower Upper

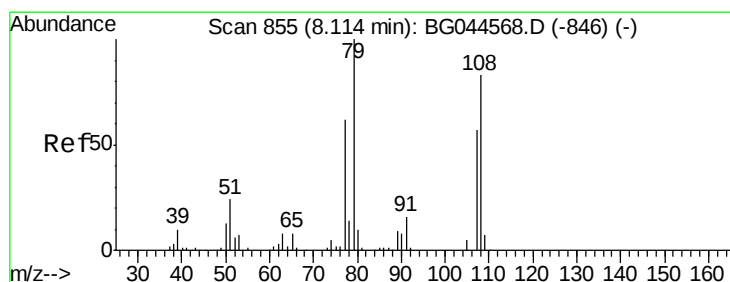
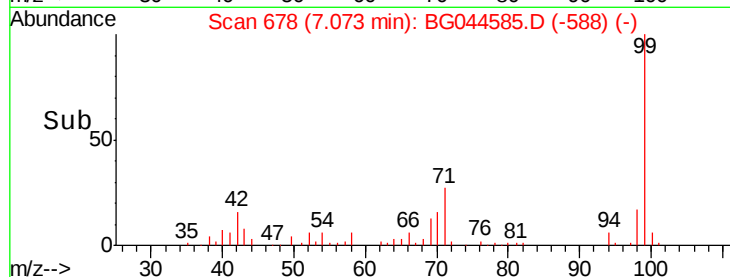
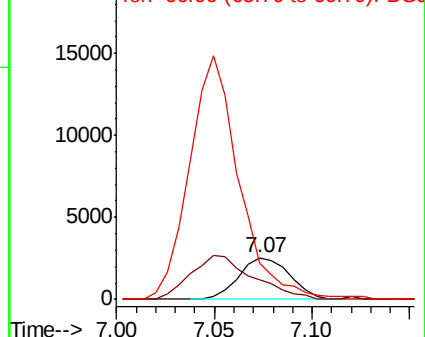
94 100

65 47.8 6.4 46.4#

66 87.0 13.9 53.9#



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



#15

Benzyl Alcohol

Concen: 1.561 ng

RT: 8.20 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

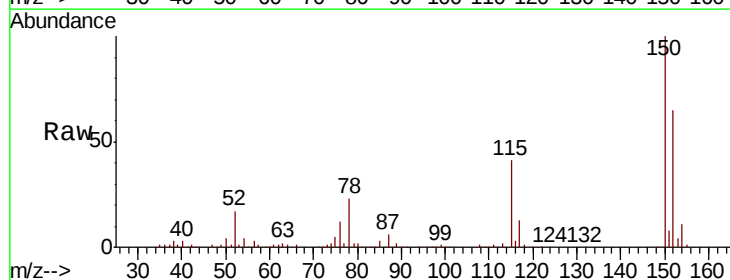
Tgt Ion: 79 Resp: 5327

Ion Ratio Lower Upper

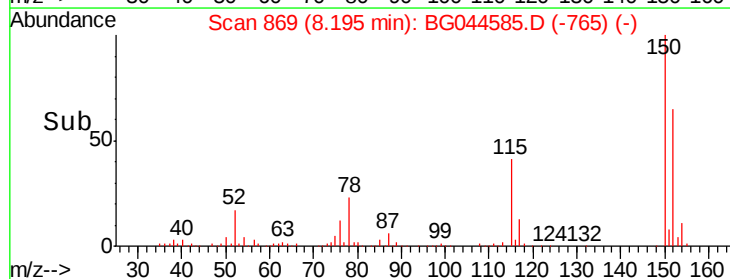
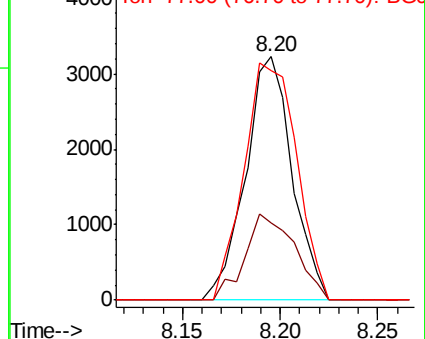
79 100

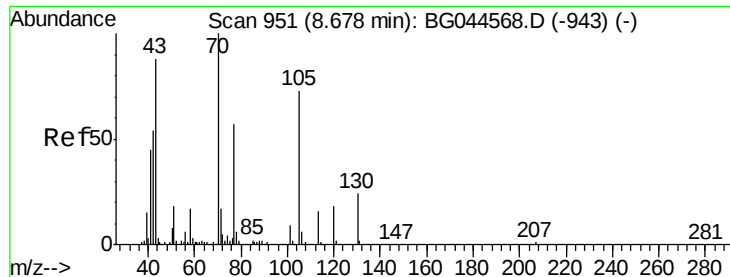
108 31.9 66.0 99.0#

77 94.2 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

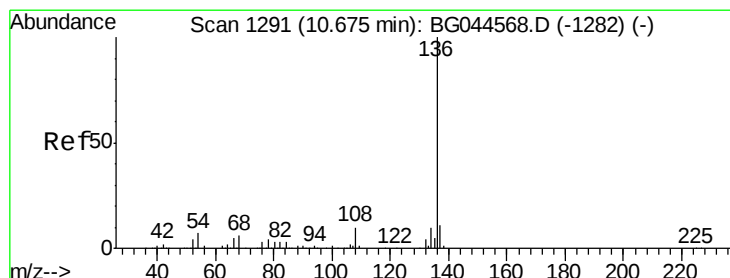
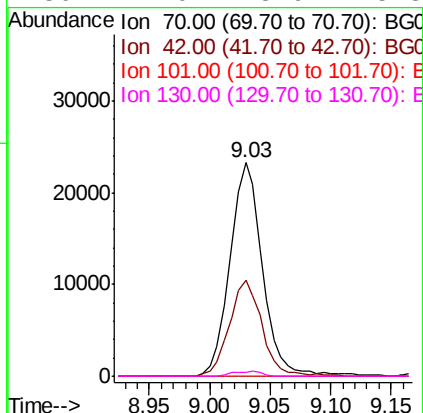
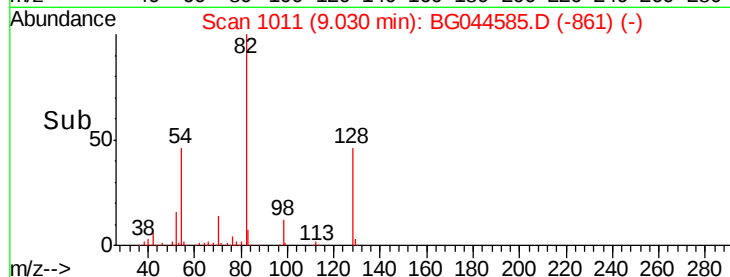
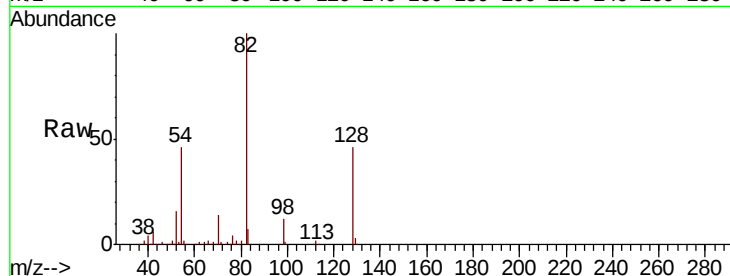




#19
n-Nitroso-di-n-propylamine
Concen: 13.339 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG044585.D
Acq: 25 Feb 2020 20:35

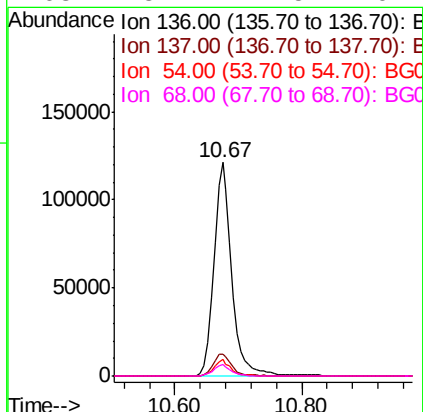
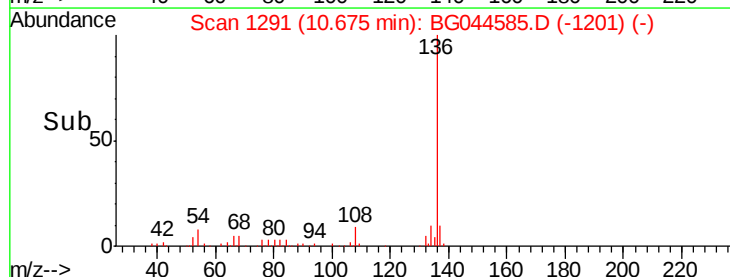
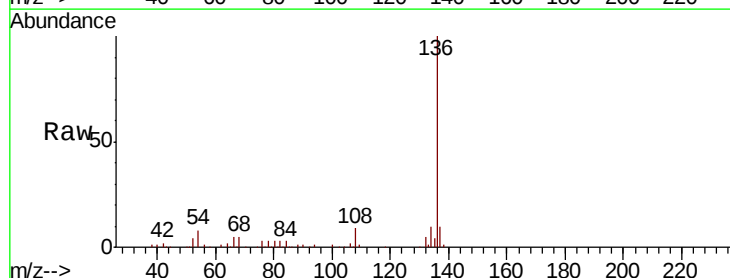
Instrument :
BNA_G
ClientSampleId :

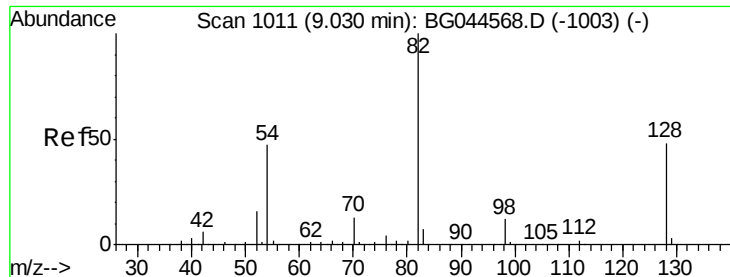
Tot Ion: 70 Resp: 43396
Ion Ratio Lower Upper
70 100
42 45.0 43.4 65.0
101 0.0 7.5 11.3#
130 2.0 18.9 28.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044585.D
Acq: 25 Feb 2020 20:35

Tgt Ion:136 Resp: 240840
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 7.6 5.7 8.5
68 5.4 4.5 6.7

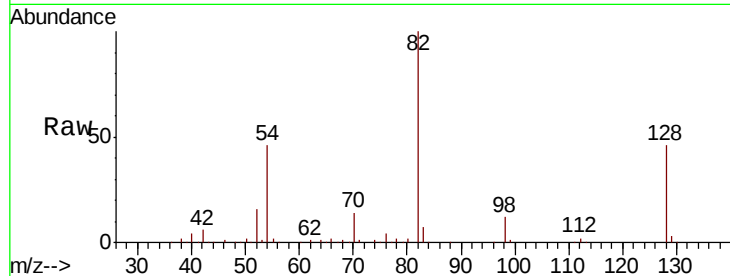




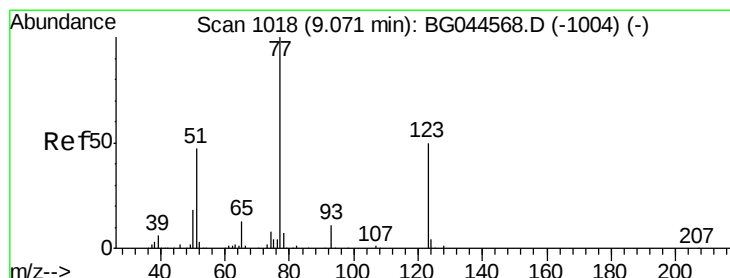
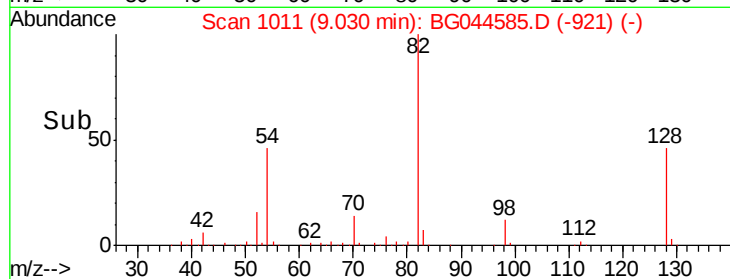
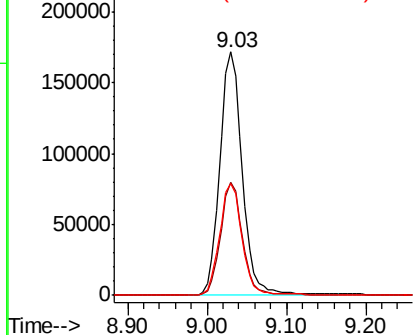
#23
Nitrobenzene-d5
Concen: 72.167 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044585.D
Acq: 25 Feb 2020 20:35

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.1	57.1
54	46.0	37.5	56.3

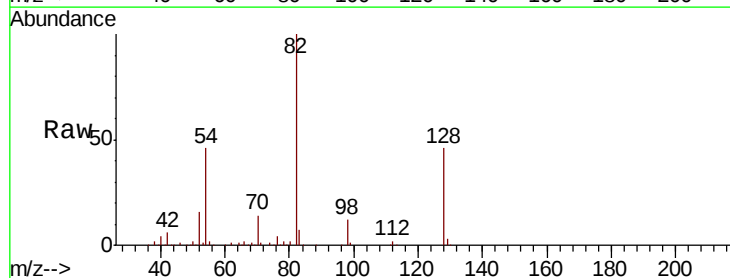


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

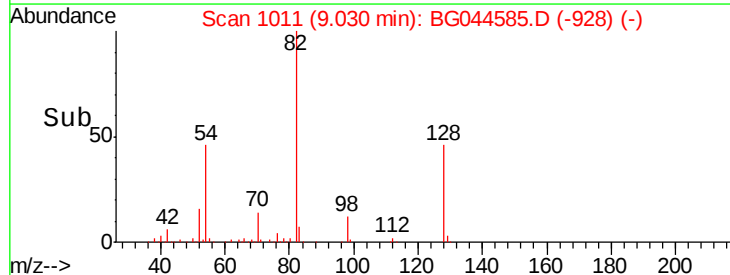
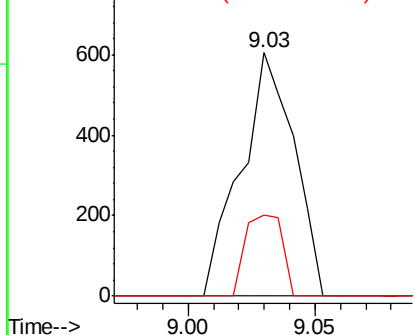


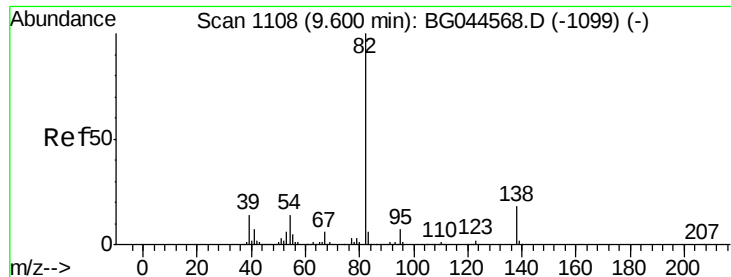
#24
Nitrobenzene
Concen: 0.197 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.04 min
Lab File: BG044585.D
Acq: 25 Feb 2020 20:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	33.1	10.4	15.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.021 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.05 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampled :

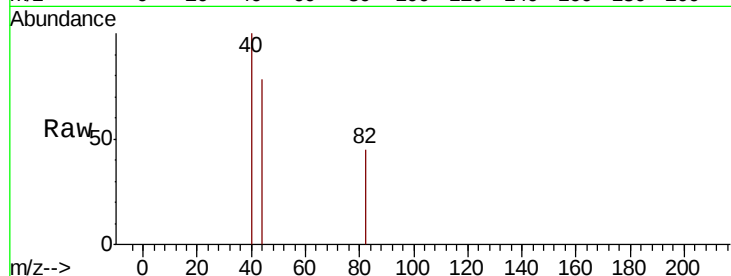
Tot Ion: 82 Resp: 183

Ion Ratio Lower Upper

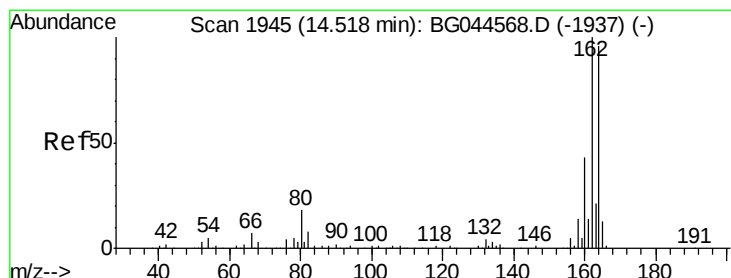
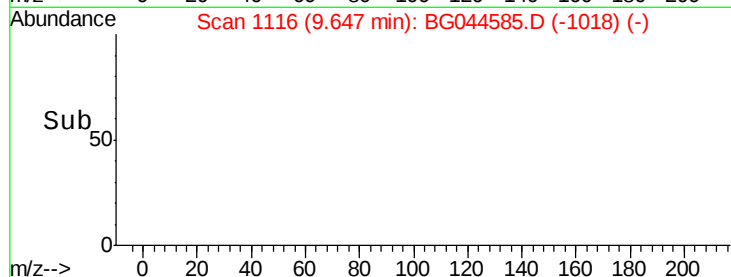
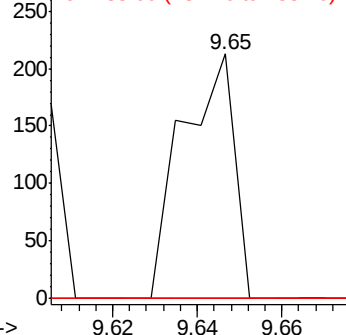
82 100

95 0.0 5.6 8.4#

138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

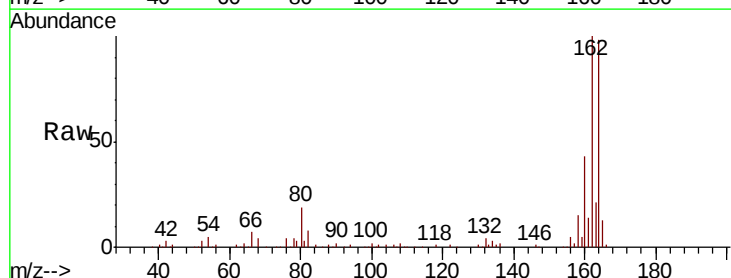
Tgt Ion:164 Resp: 161746

Ion Ratio Lower Upper

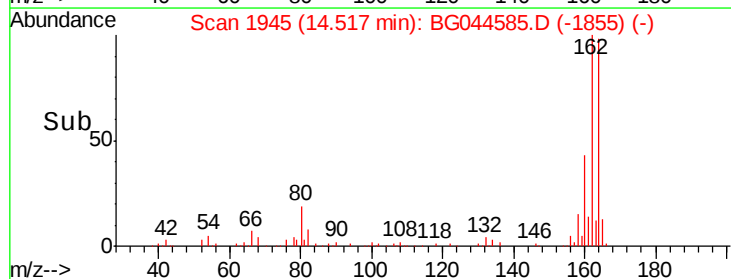
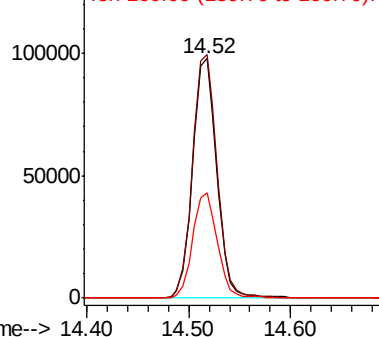
164 100

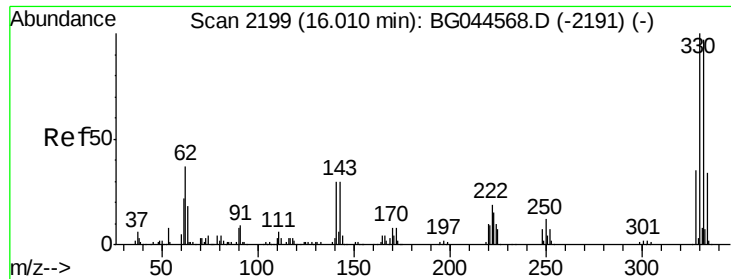
162 101.6 83.6 125.4

160 44.0 36.2 54.4



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

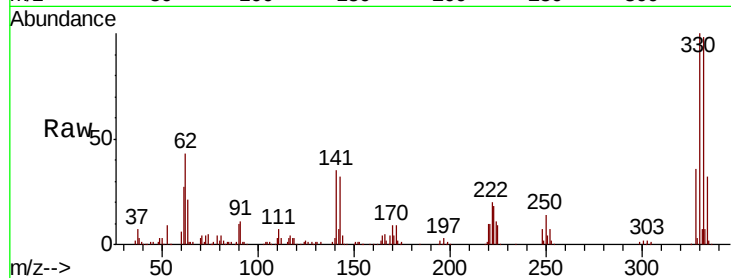




#42
 2,4,6-Tribromophenol
 Concen: 107.309 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG044585.D
 Acq: 25 Feb 2020 20:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.0
141	33.6	26.1	39.1

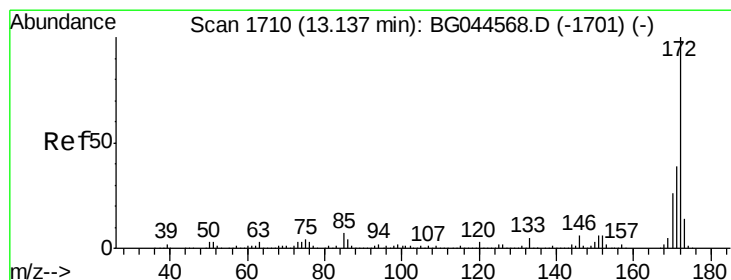
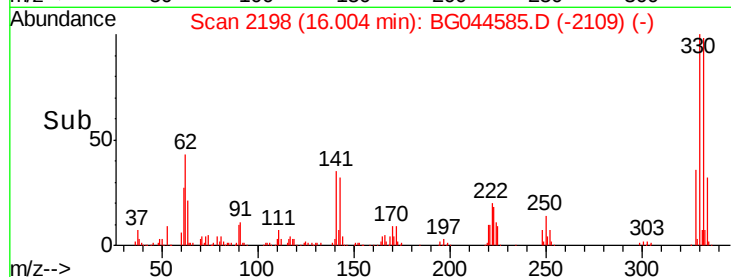
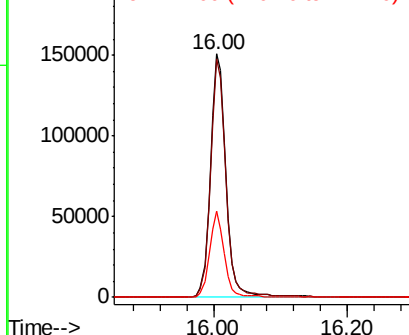


Abundance

Ion 329.80 (329.50 to 330.50): E

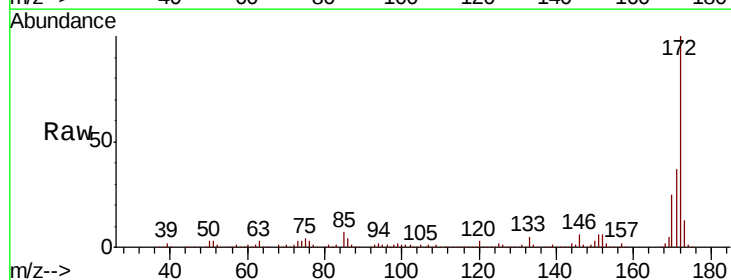
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.940 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044585.D
 Acq: 25 Feb 2020 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	24.7	21.0	31.4

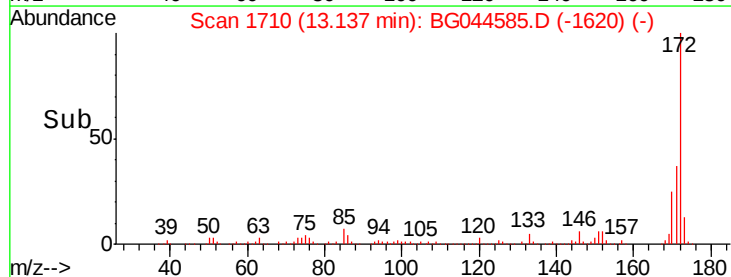
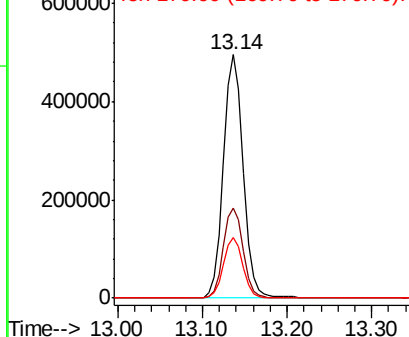


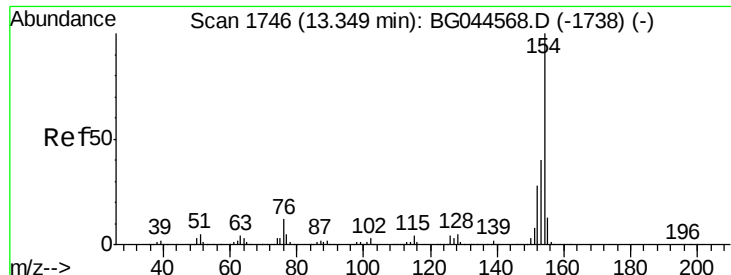
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

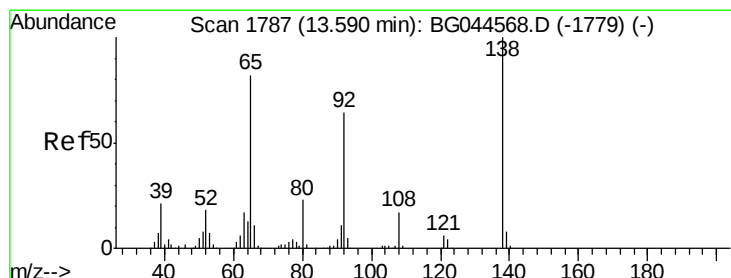
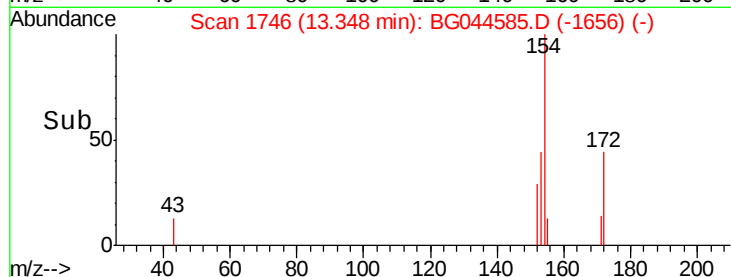
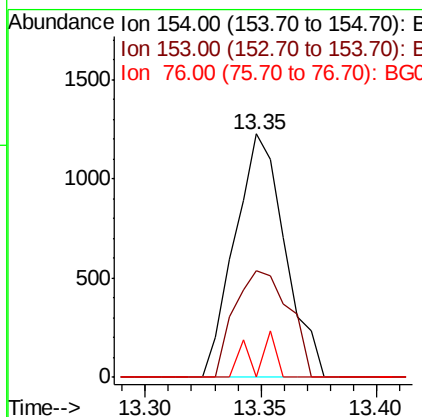
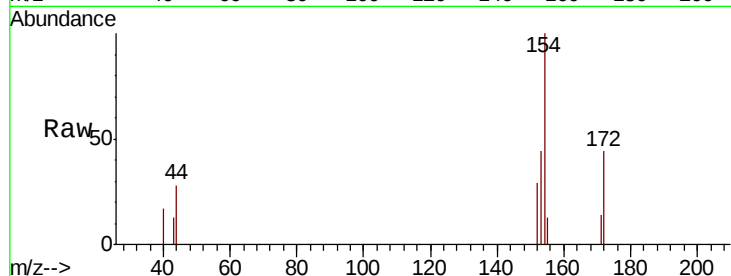




#46
 1,1'-Biphenyl
 Concen: 0.139 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044585.D
 Acq: 25 Feb 2020 20:35

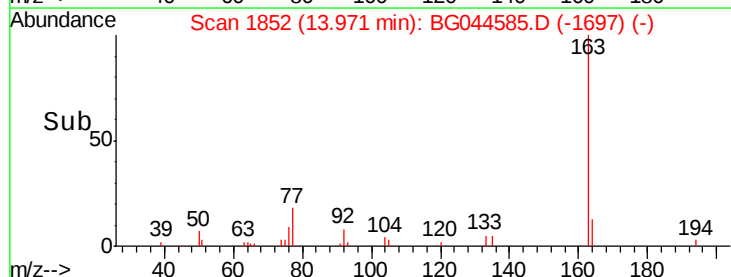
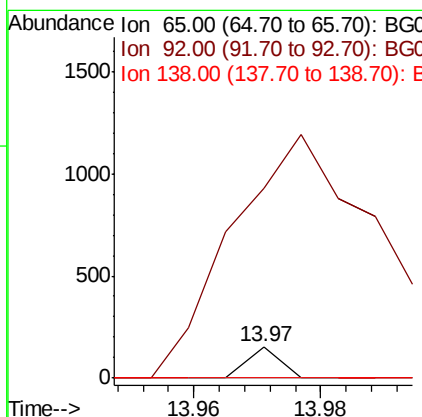
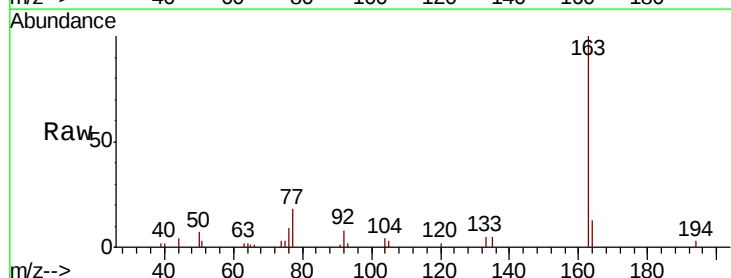
Instrument :
 BNA_G
 ClientSampleId :

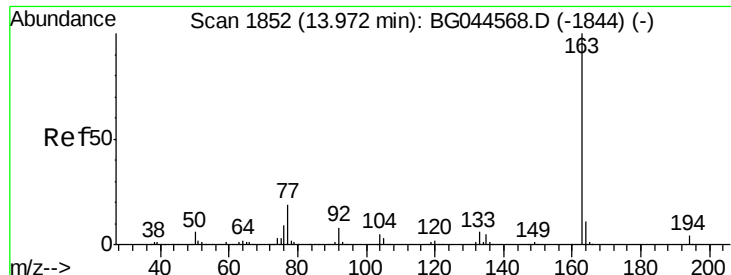
Tot Ion:	154	Resp:	1855
Ion	Ratio	Lower	Upper
154	100		
153	43.6	20.2	60.2
76	0.0	0.0	31.8



#48
 2-Nitroaniline
 Concen: 0.019 ng
 RT: 13.97 min Scan# 1852
 Delta R.T. 0.38 min
 Lab File: BG044585.D
 Acq: 25 Feb 2020 20:35

Tgt Ion:	65	Resp:	54
Ion	Ratio	Lower	Upper
65	100		
92	601.9	62.2	93.2#
138	0.0	97.6	146.4#





#50

Dimethylphthalate

Concen: 2.094 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

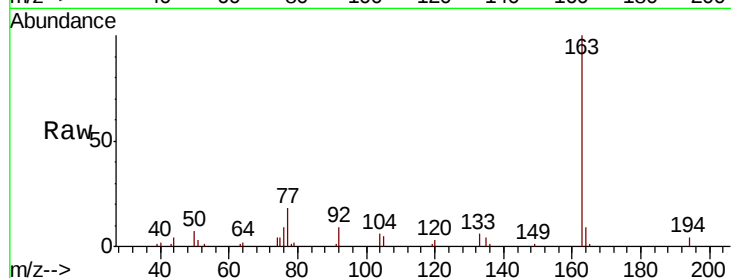
Tot Ion:163 Resp: 27336

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

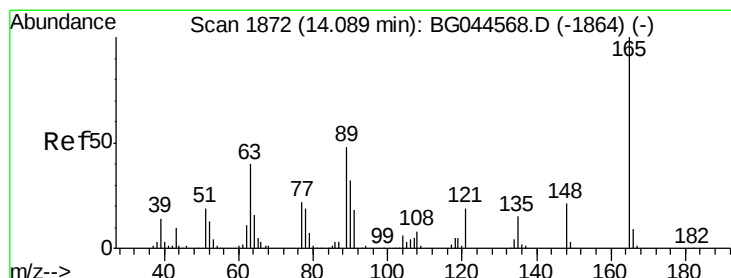
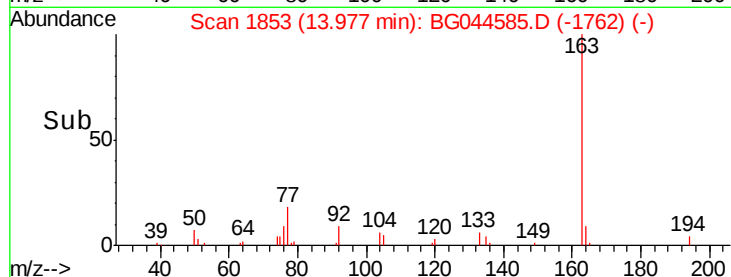
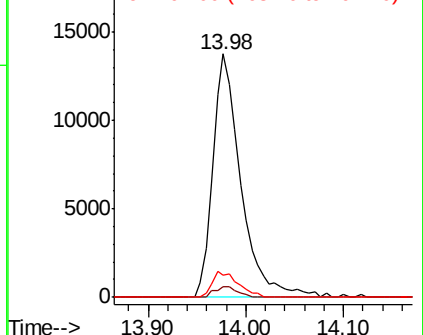
164 9.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.283 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.43 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

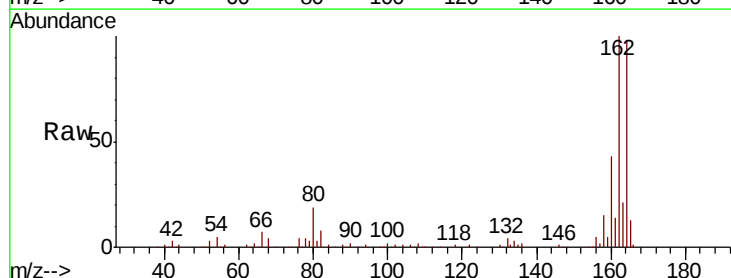
Tgt Ion:165 Resp: 20970

Ion Ratio Lower Upper

165 100

63 1.8 35.8 53.6#

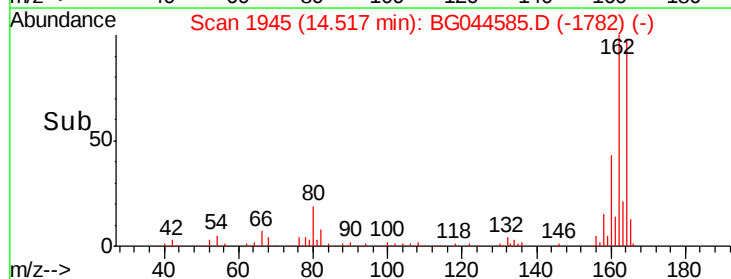
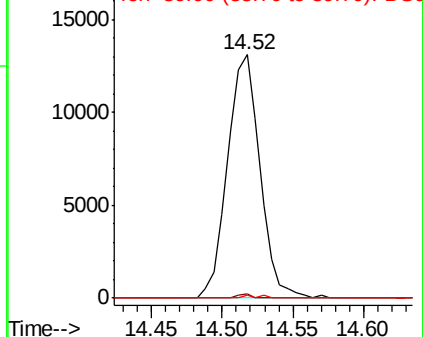
89 1.2 38.7 58.1#

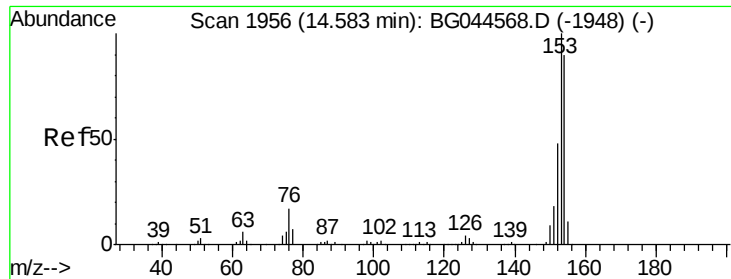


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.051 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.06 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

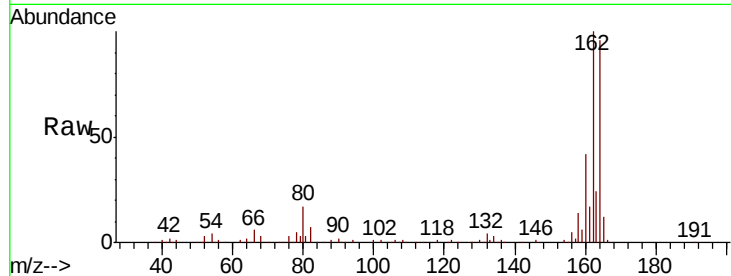
Tot Ion:154 Resp: 499

Ion Ratio Lower Upper

154 100

153 0.0 89.4 134.0#

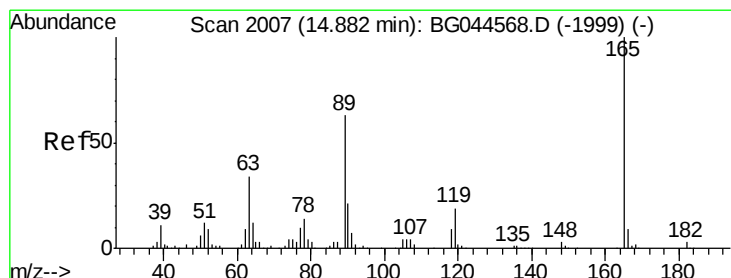
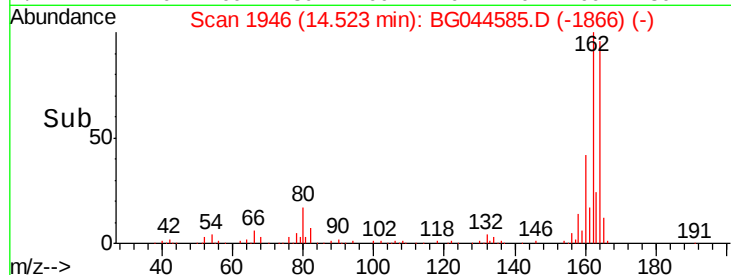
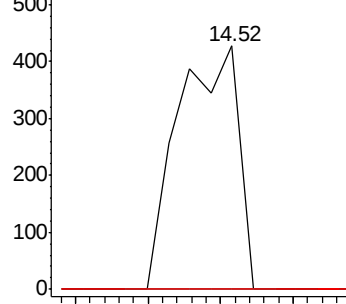
152 0.0 43.0 64.4#



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: 5.180 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.36 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Tgt Ion:165 Resp: 20970

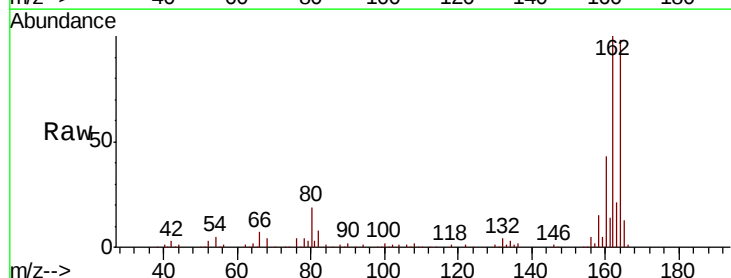
Ion Ratio Lower Upper

165 100

63 1.8 27.5 41.3#

89 1.2 50.0 75.0#

182 0.0 2.3 3.5#

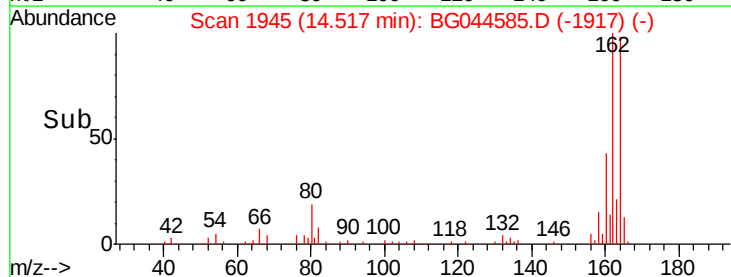
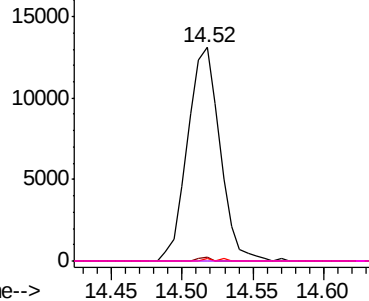


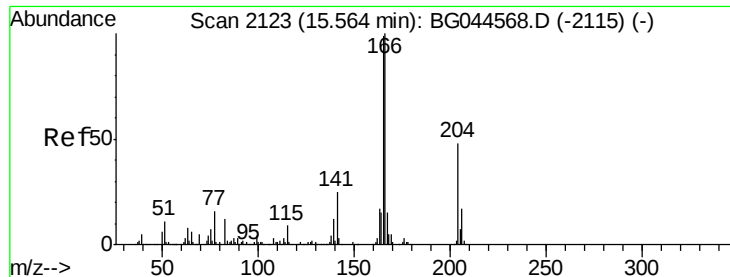
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.829 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.44 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

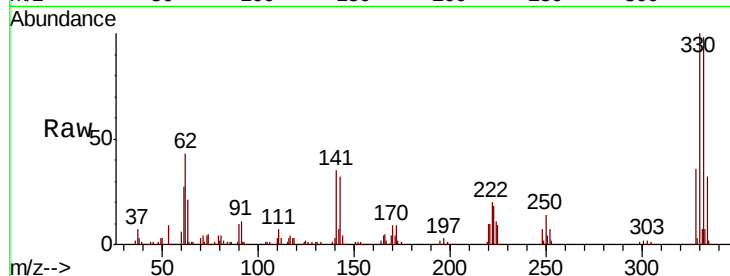
Tot Ion:166 Resp: 9955

Ion Ratio Lower Upper

166 100

165 94.8 79.2 118.8

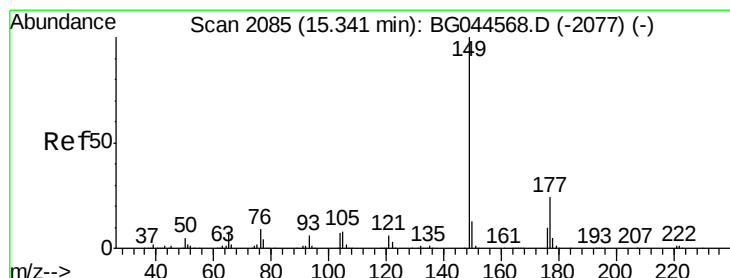
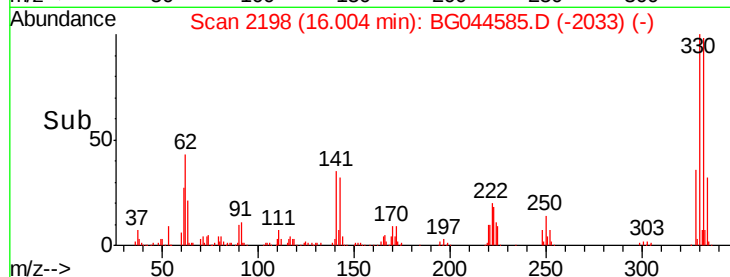
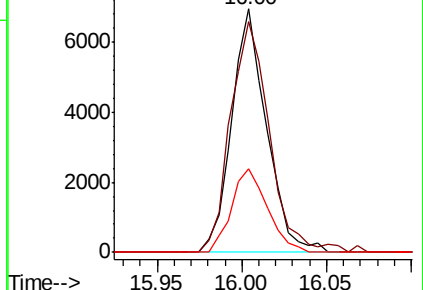
167 34.1 11.7 17.5#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.005 ng

RT: 15.35 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

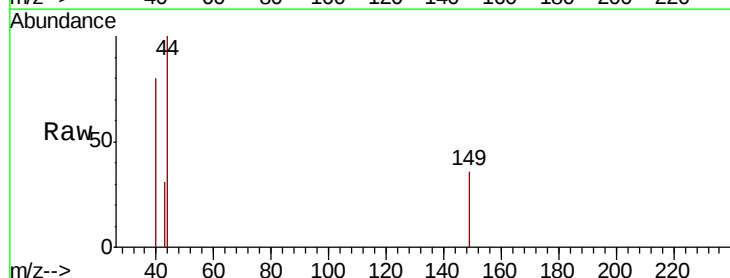
Tgt Ion:149 Resp: 63

Ion Ratio Lower Upper

149 100

177 0.0 19.2 28.8#

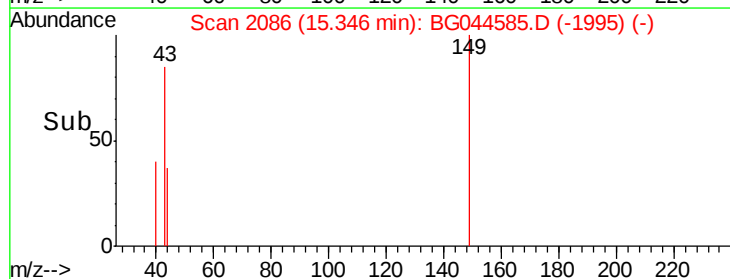
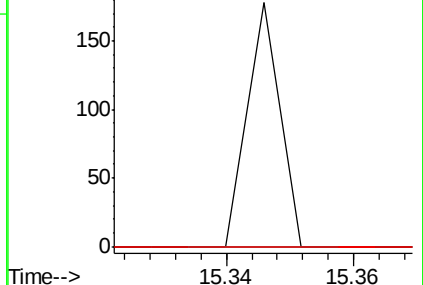
150 0.0 10.2 15.4#

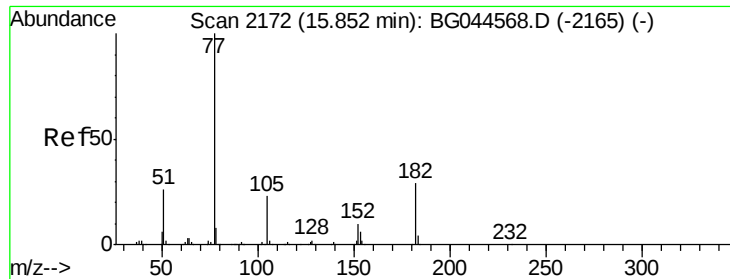


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.112 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.15 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1237

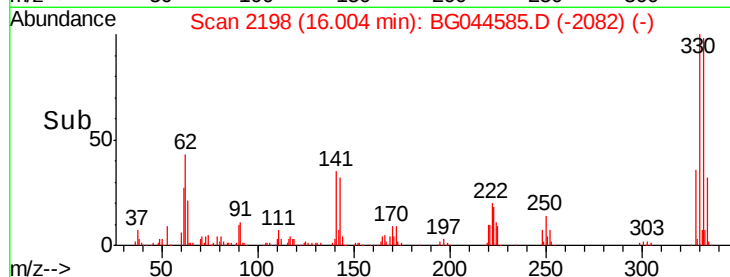
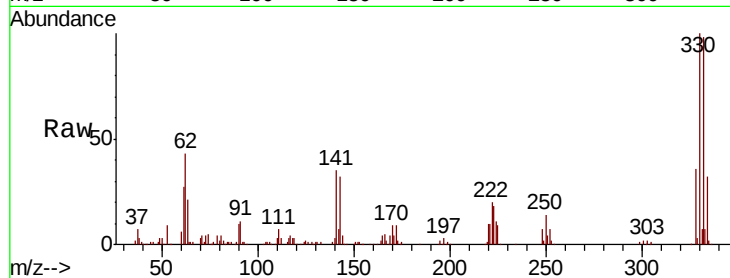
Ion Ratio Lower Upper

77 100

182 0.0 9.4 49.4#

105 92.0 3.4 43.4#

51 68.6 6.4 46.4#

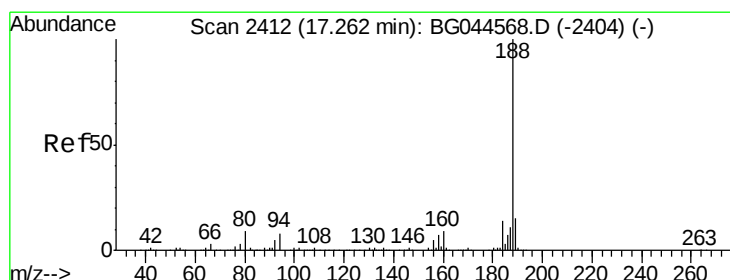
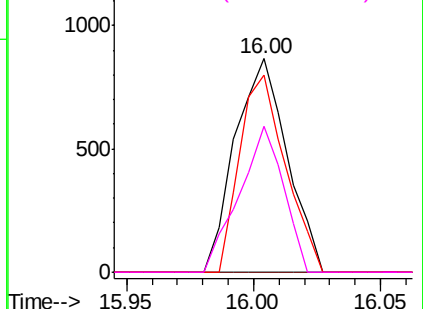


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

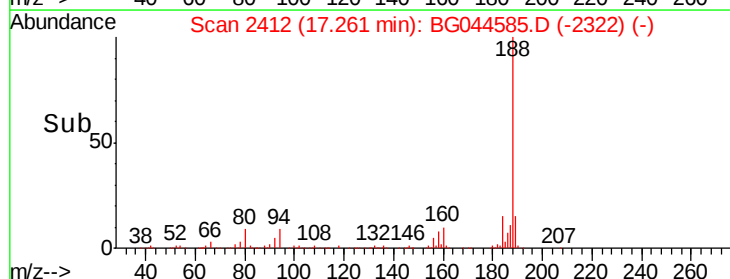
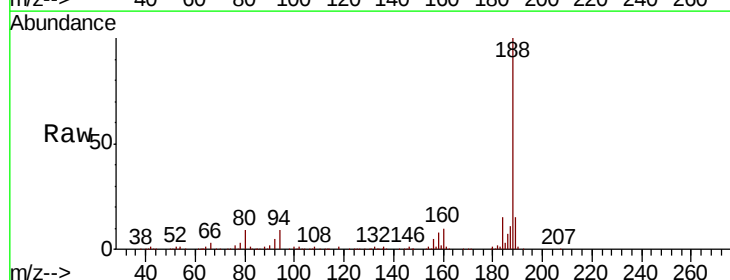
Tgt Ion: 188 Resp: 380851

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

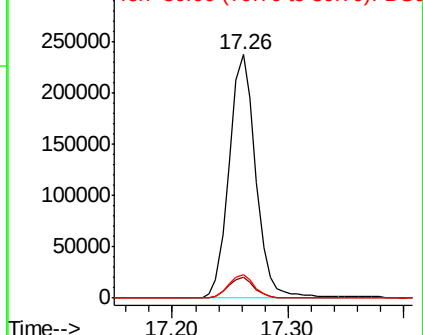
80 9.4 7.6 11.4

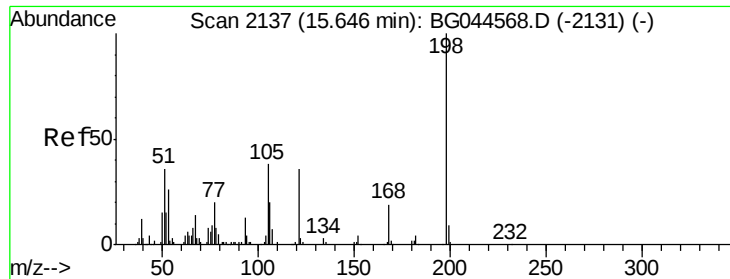


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

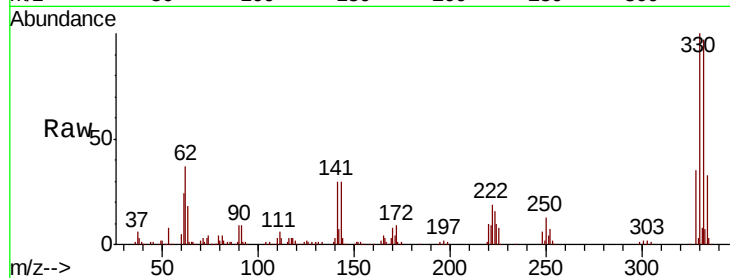




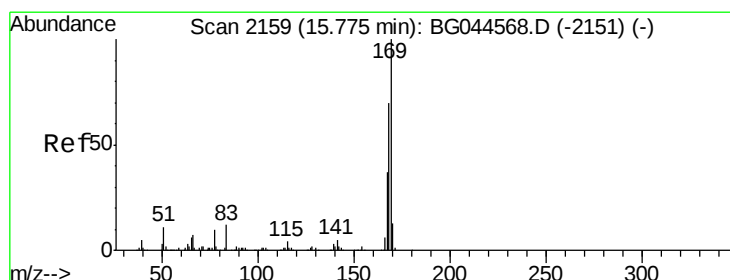
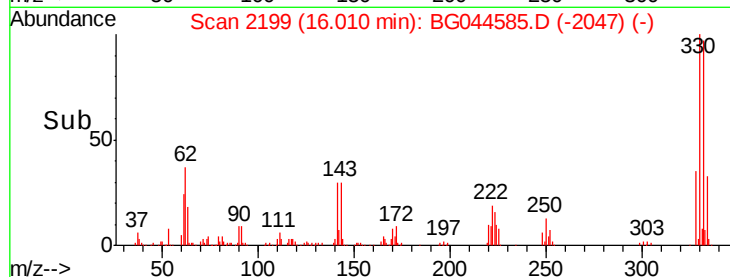
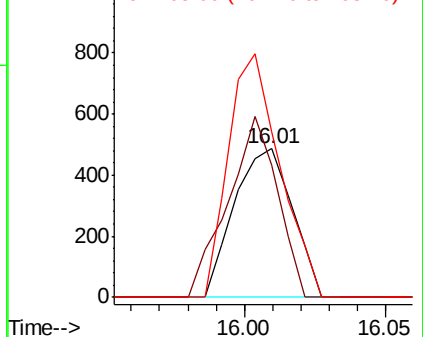
#65
4,6-Dinitro-2-methylphenol
Concen: 0.295 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.36 min
Lab File: BG044585.D
Acq: 25 Feb 2020 20:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 696
Ion Ratio Lower Upper
198 100
51 89.3 17.0 57.0#
105 111.3 18.4 58.4#

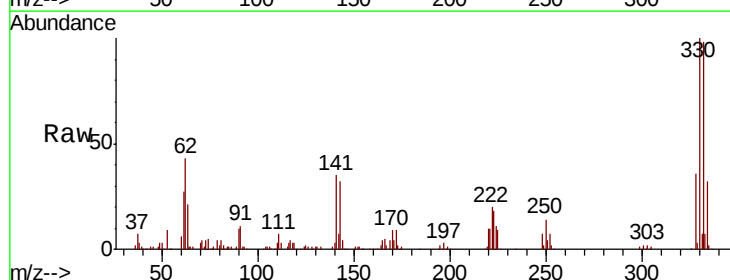


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

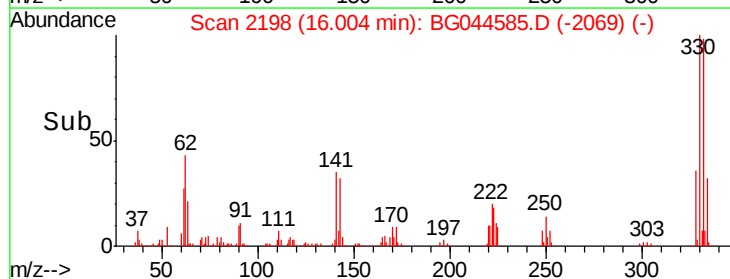
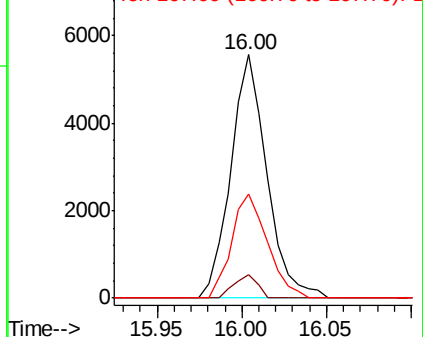


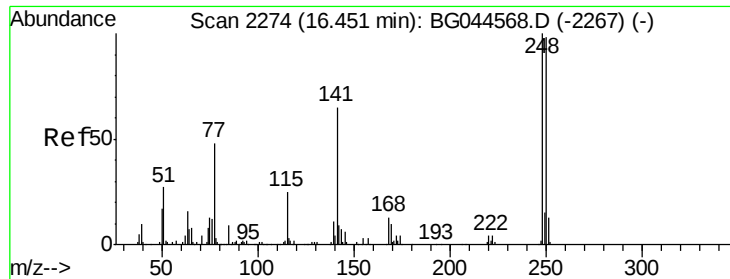
#66
n-Nitrosodiphenylamine
Concen: 0.694 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.23 min
Lab File: BG044585.D
Acq: 25 Feb 2020 20:35

Tgt Ion:169 Resp: 8245
Ion Ratio Lower Upper
169 100
168 9.8 56.1 84.1#
167 42.7 29.4 44.0



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

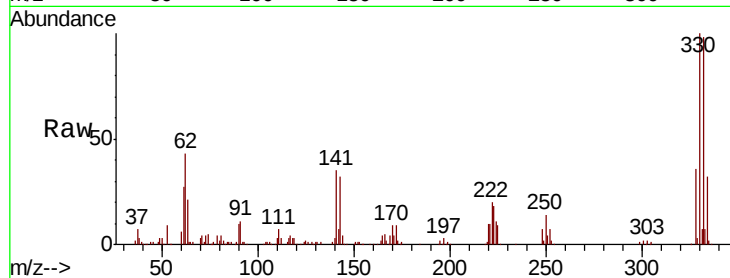




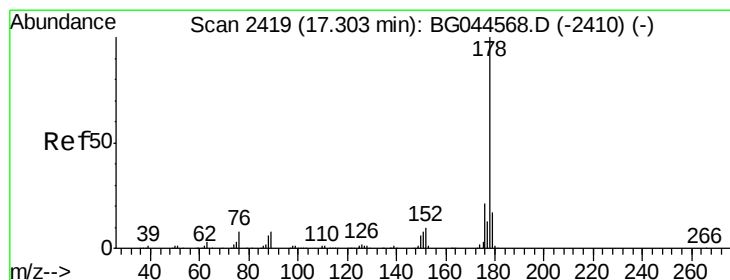
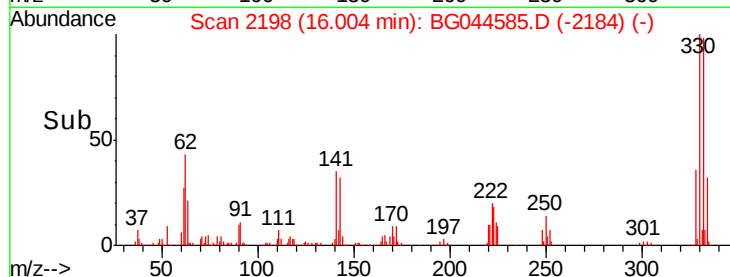
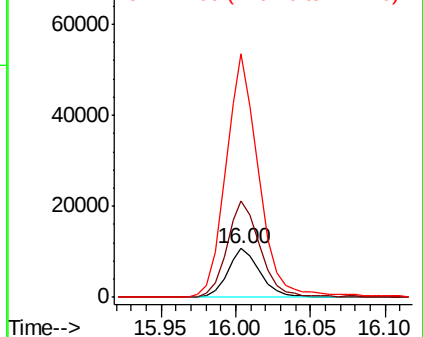
#67
 4-Bromophenyl-phenylether
 Concen: 3.446 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044585.D
 Acq: 25 Feb 2020 20:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 16291
 Ion Ratio Lower Upper
 248 100
 250 199.0 78.7 118.1#
 141 500.3 52.3 78.5#

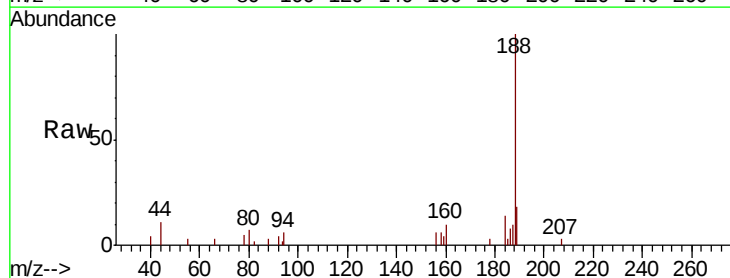


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

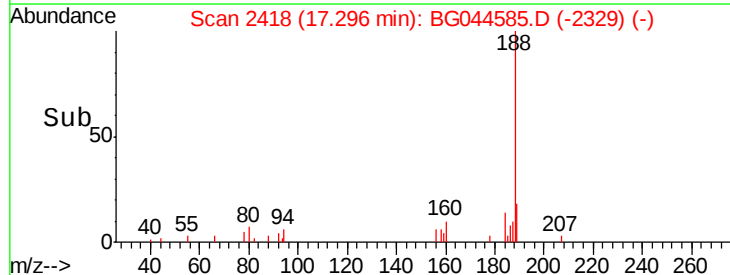
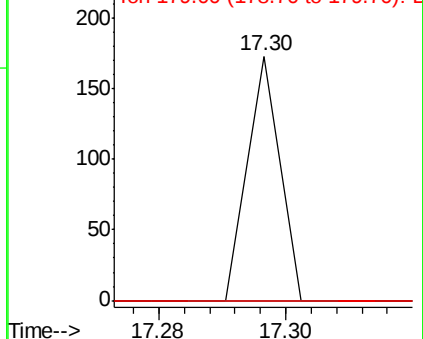


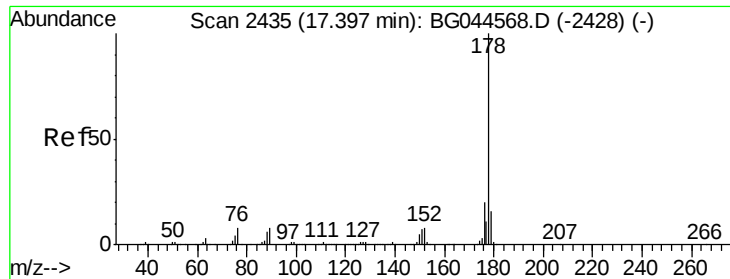
#71
 Phenanthrene
 Concen: 0.003 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG044585.D
 Acq: 25 Feb 2020 20:35

Tgt Ion:178 Resp: 61
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.6 25.0#
 179 0.0 13.3 19.9#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.003 ng

RT: 17.30 min Scan# 2418

Delta R.T. -0.10 min

Lab File: BG044585.D

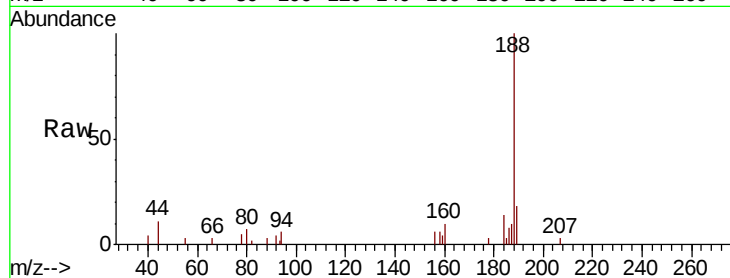
Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

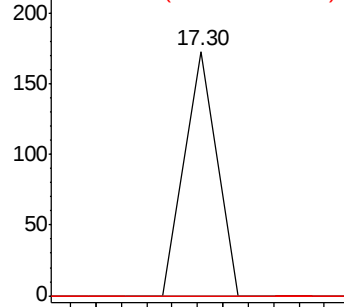
Tot Ion:	178	Resp:	61
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	0.0	13.1	19.7#



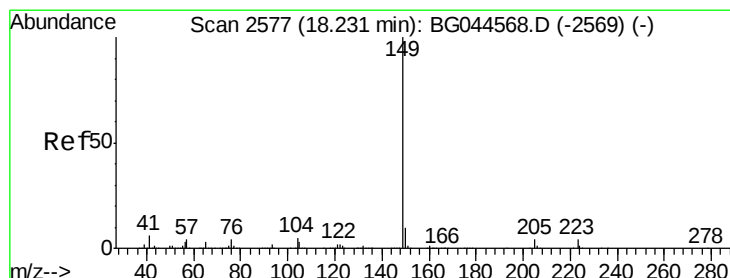
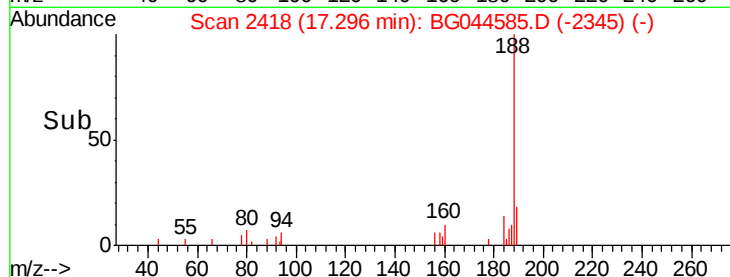
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 0.040 ng

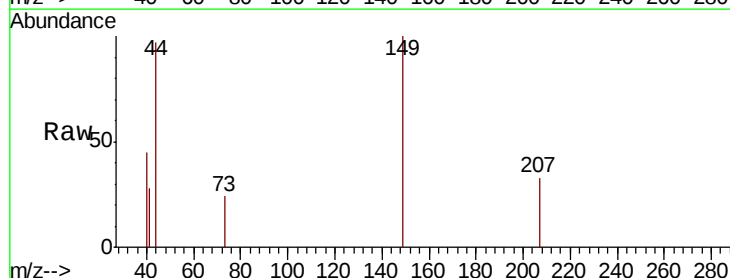
RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

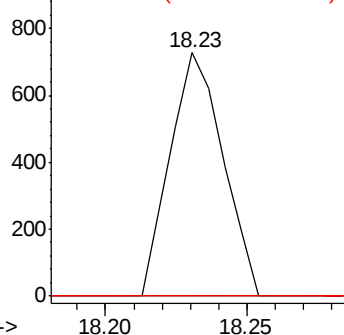
Tgt Ion:	149	Resp:	945
Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.8#
104	0.0	4.0	6.0#



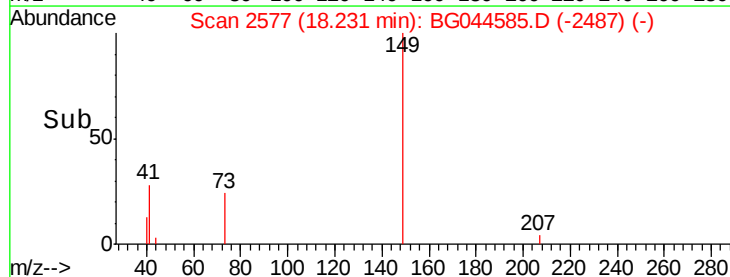
Abundance Ion 149.00 (148.70 to 149.70): E

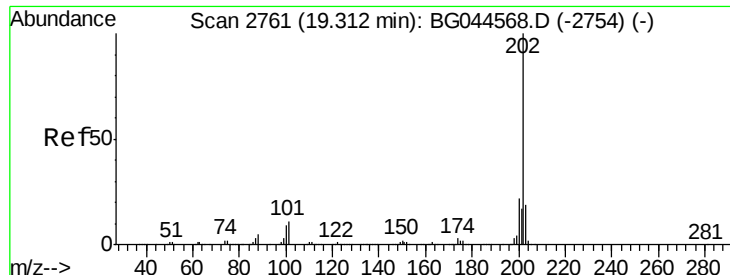
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 0.003 ng

RT: 19.34 min Scan# 2765

Delta R.T. 0.02 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampled :

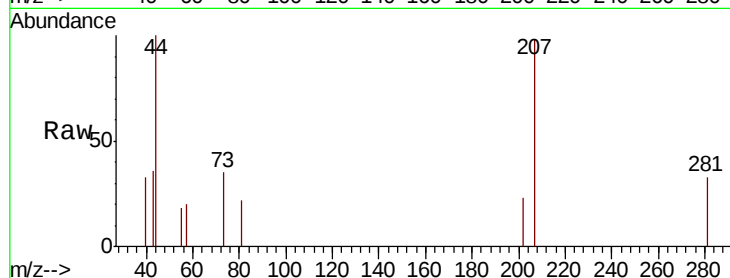
Tot Ion:202 Resp: 75

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.0

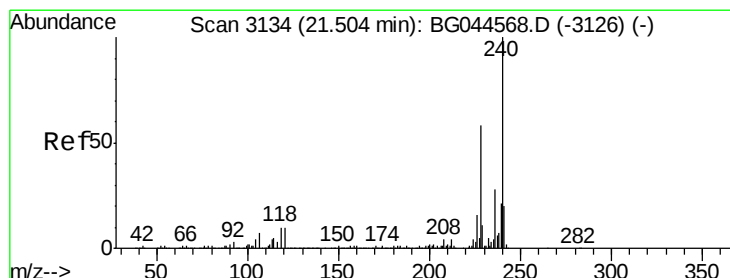
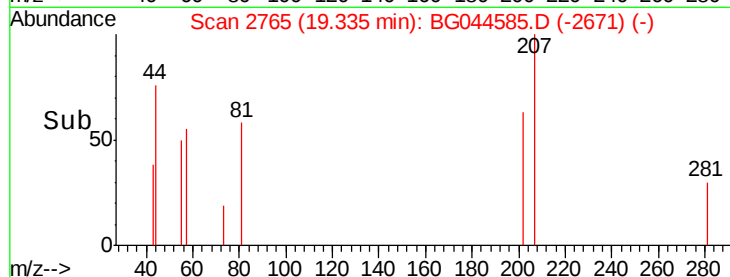
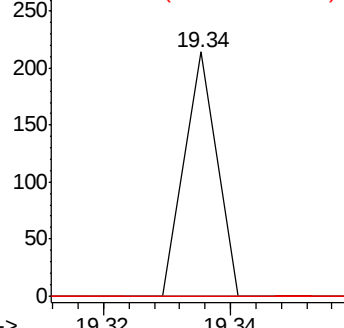
203 0.0 0.0 39.2



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: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

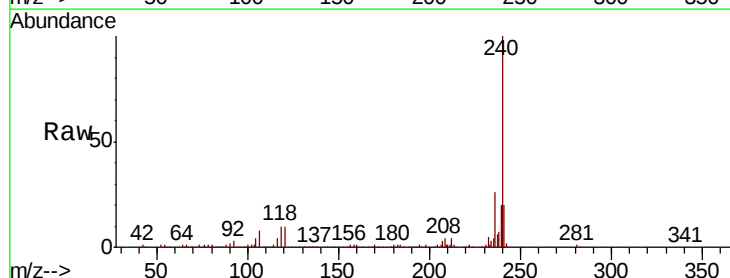
Tgt Ion:240 Resp: 372664

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

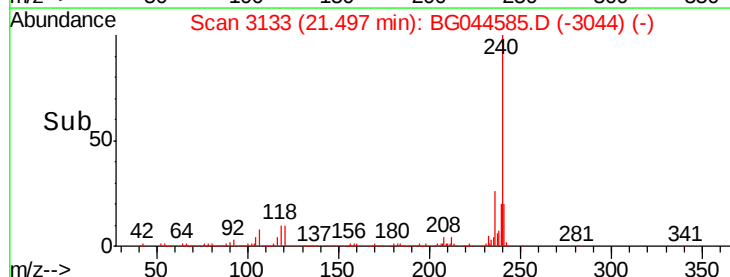
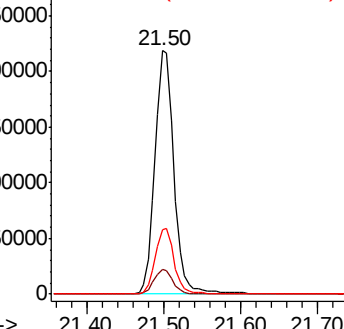
236 26.2 22.3 33.5

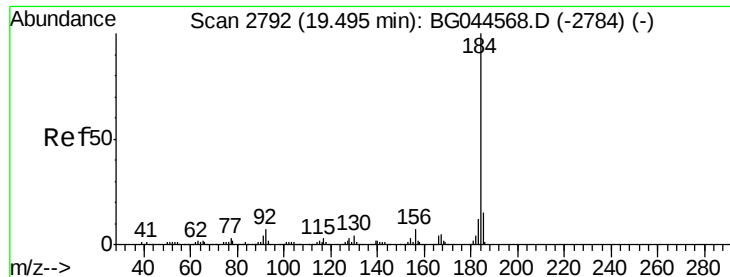


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.714 ng

RT: 19.88 min Scan# 2857

Delta R.T. 0.38 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

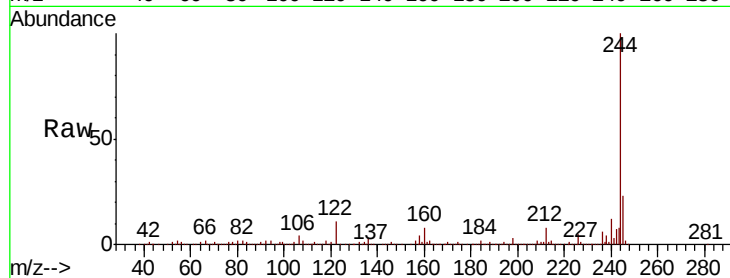
Tot Ion:184 Resp: 21874

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

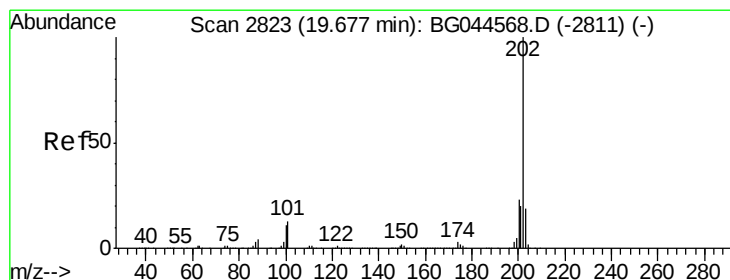
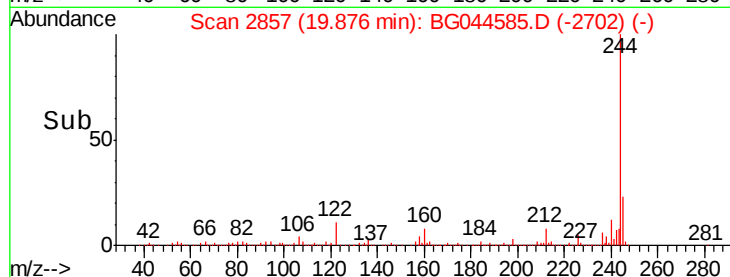
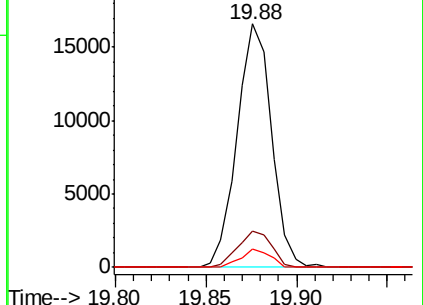
183 7.5 9.9 14.9#



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: 0.182 ng

RT: 19.88 min Scan# 2857

Delta R.T. 0.20 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

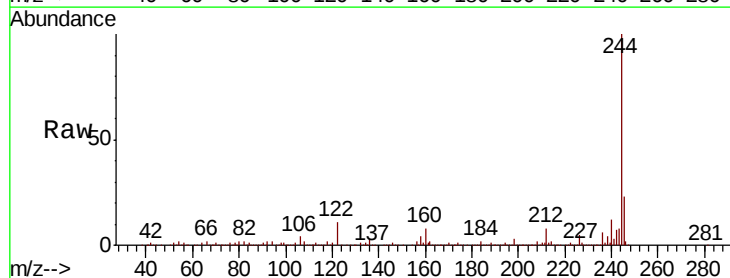
Tgt Ion:202 Resp: 4917

Ion Ratio Lower Upper

202 100

200 53.6 18.6 28.0#

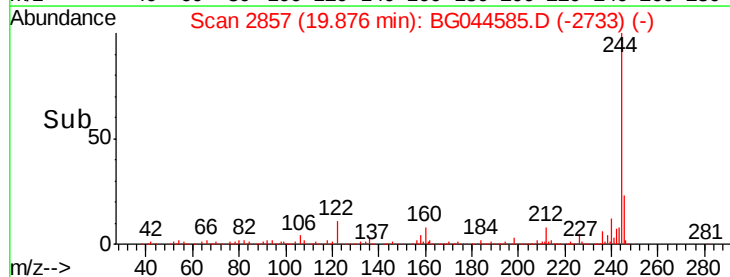
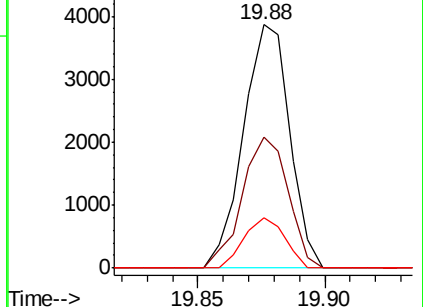
203 20.8 15.3 22.9

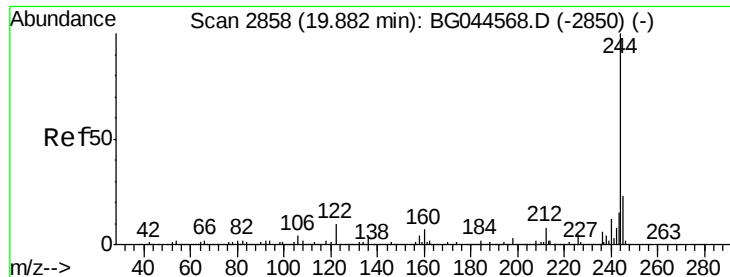


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.377 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampled :

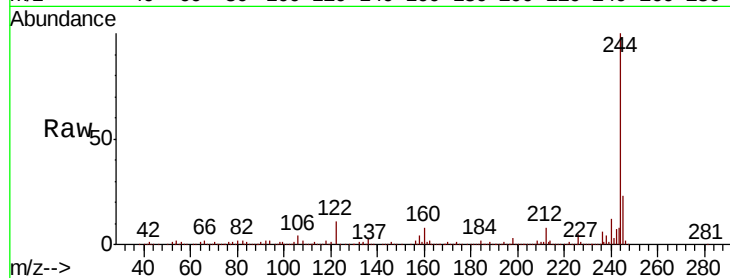
Tot Ion:244 Resp: 1464166

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

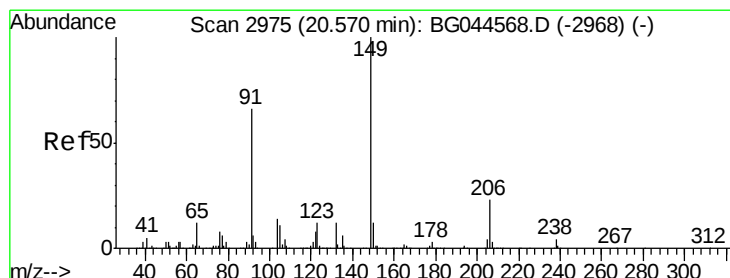
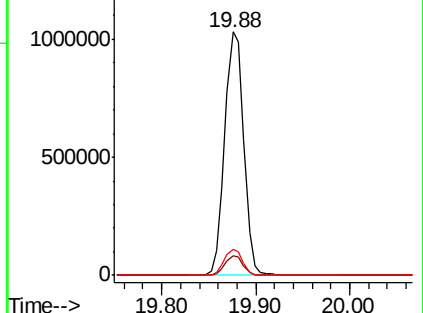
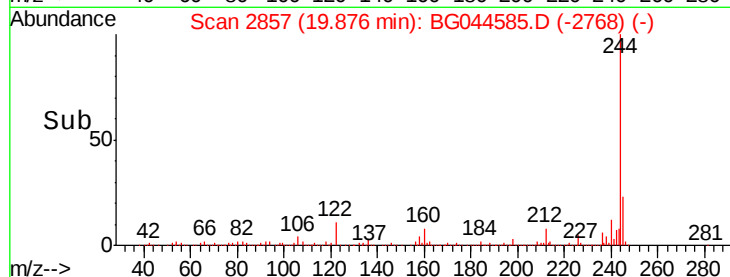
122 10.9 8.2 12.4



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: 20.58 min Scan# 2977

Delta R.T. 0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

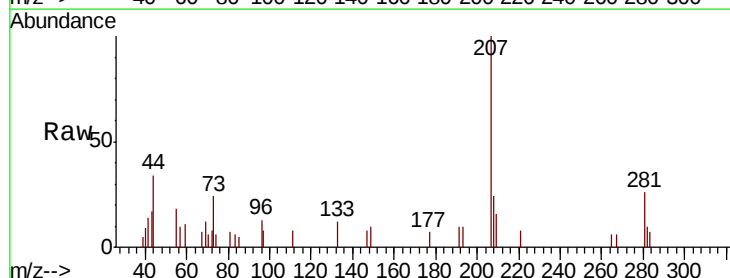
Tgt Ion:149 Resp: 253

Ion Ratio Lower Upper

149 100

91 0.0 52.7 79.1#

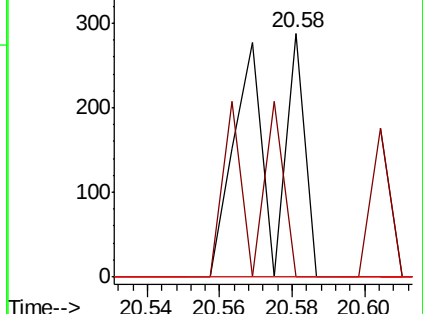
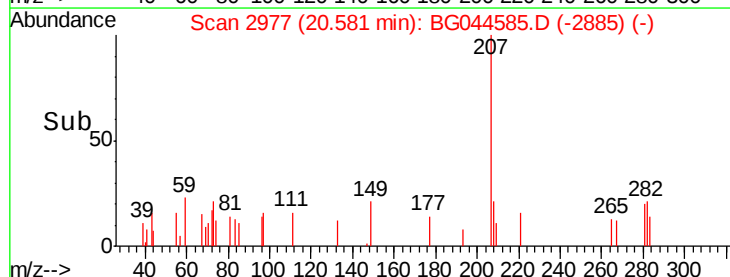
206 0.0 18.6 28.0#

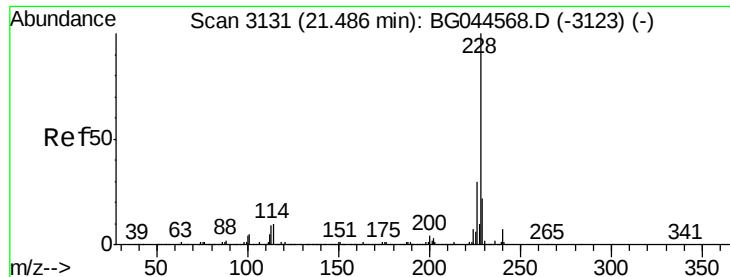


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.054 ng

RT: 21.50 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampled :

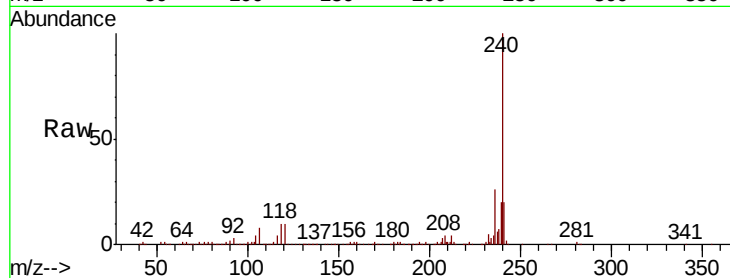
Tot Ion:228 Resp: 1417

Ion Ratio Lower Upper

228 100

226 0.0 23.8 35.8#

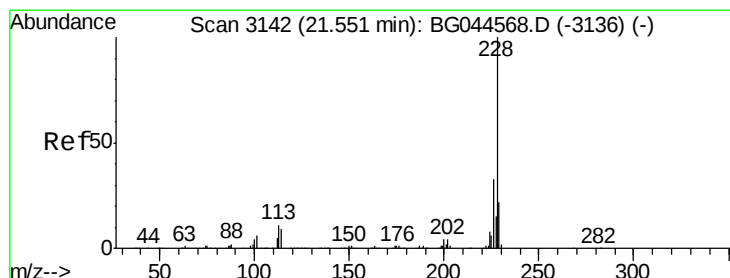
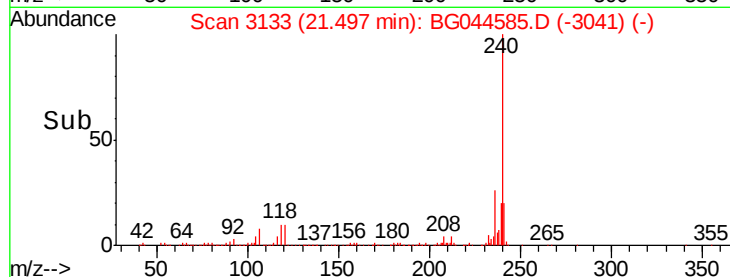
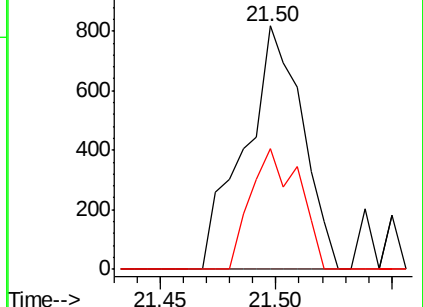
229 49.4 17.2 25.8#



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



#83

Chrysene

Concen: 0.005 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

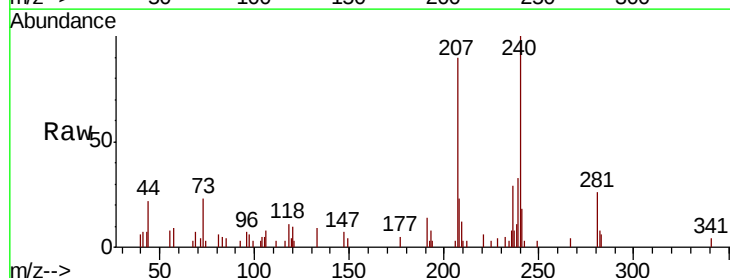
Tgt Ion:228 Resp: 135

Ion Ratio Lower Upper

228 100

226 0.0 26.1 39.1#

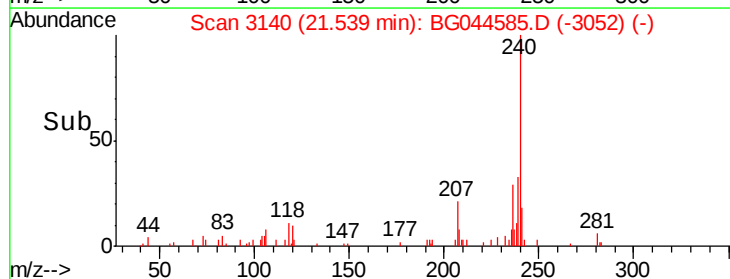
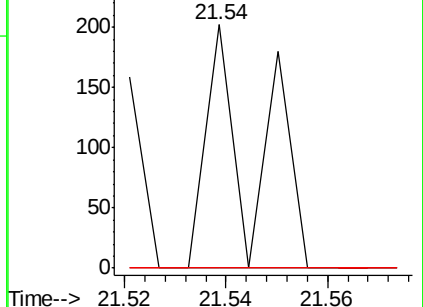
229 0.0 17.2 25.8#

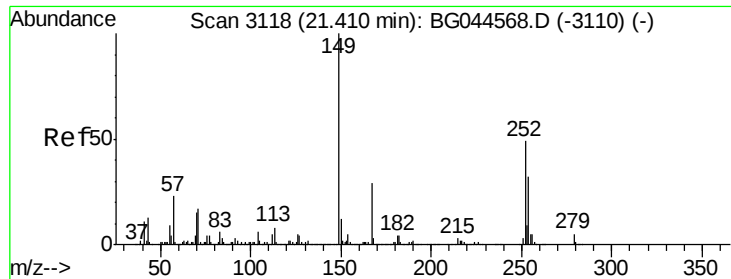


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.158 ng

RT: 21.40 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

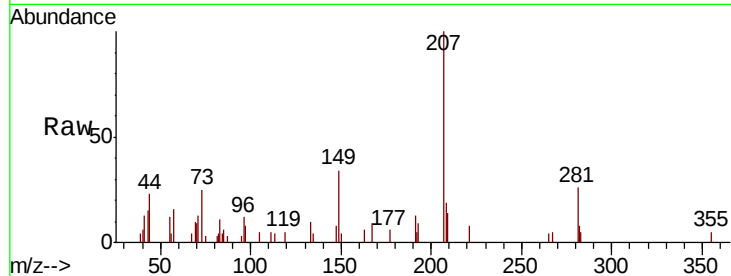
Tot Ion:149 Resp: 2575

Ion Ratio Lower Upper

149 100

167 25.1 23.4 35.0

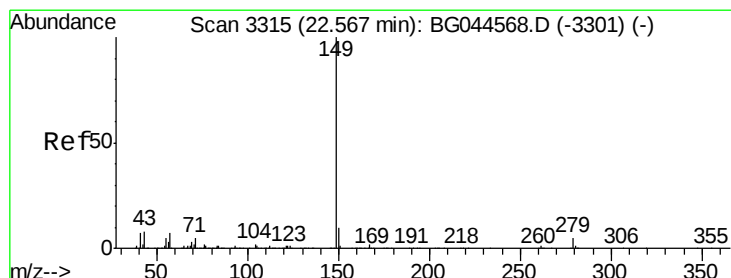
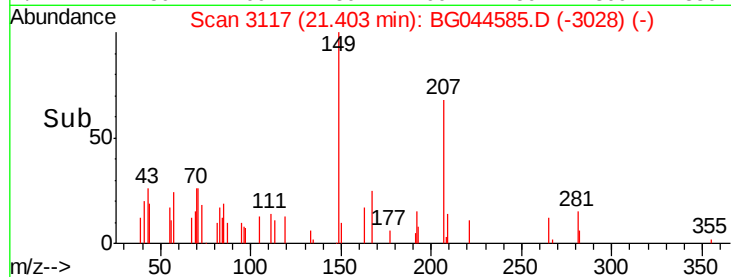
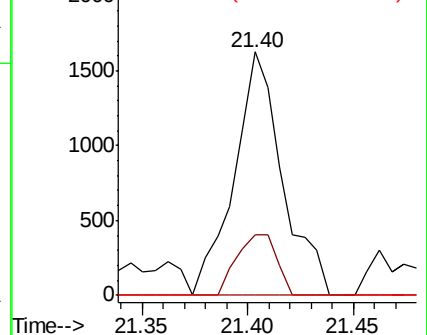
279 0.0 4.2 6.4#



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: 0.017 ng

RT: 22.55 min Scan# 3312

Delta R.T. -0.02 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

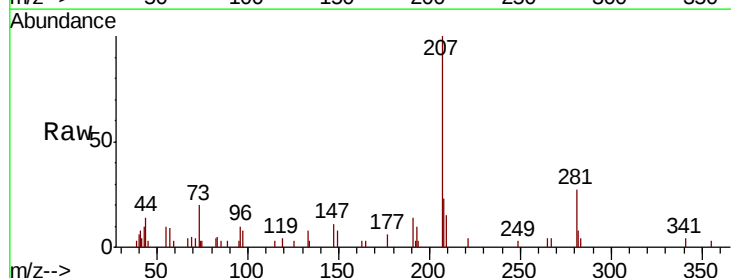
Tgt Ion:149 Resp: 484

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

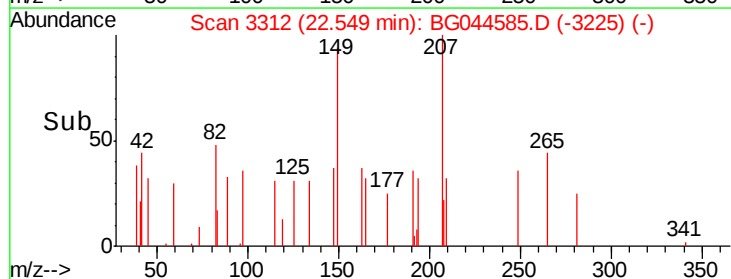
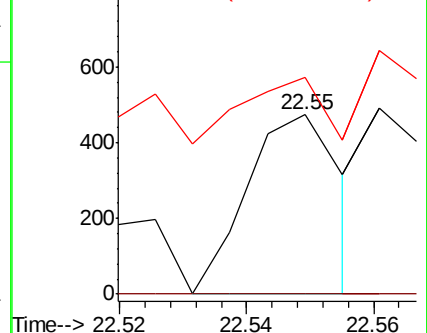
43 0.0 6.6 10.0#

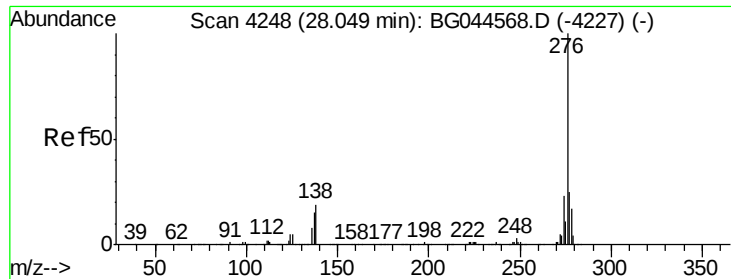


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.11 min Scan# 4259

Delta R.T. 0.06 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampleId :

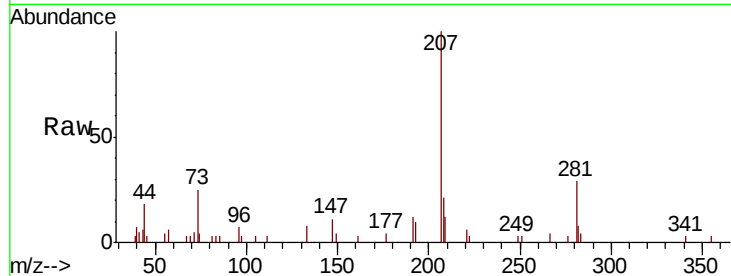
Tot Ion:276 Resp: 59

Ion Ratio Lower Upper

276 100

138 0.0 18.2 27.4#

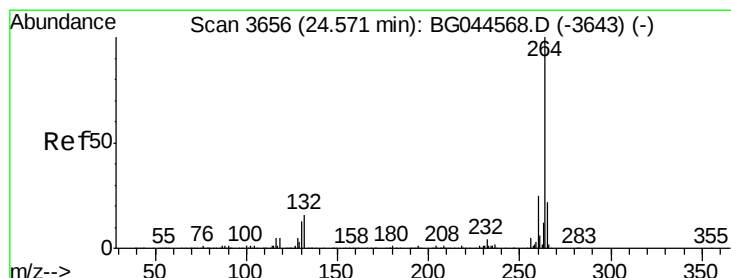
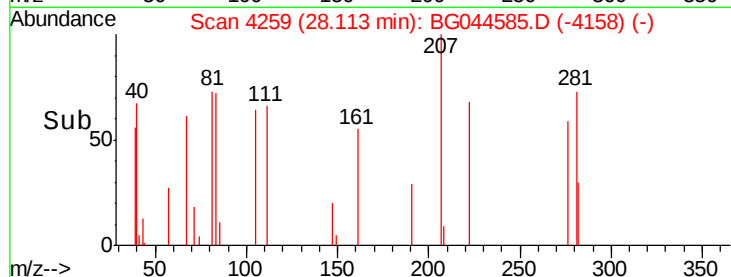
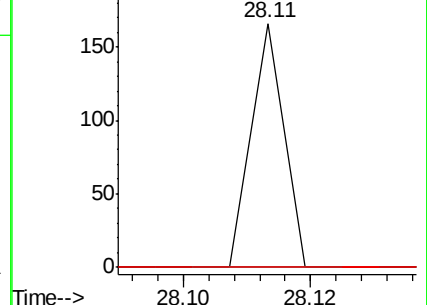
277 0.0 20.7 31.1#



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: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

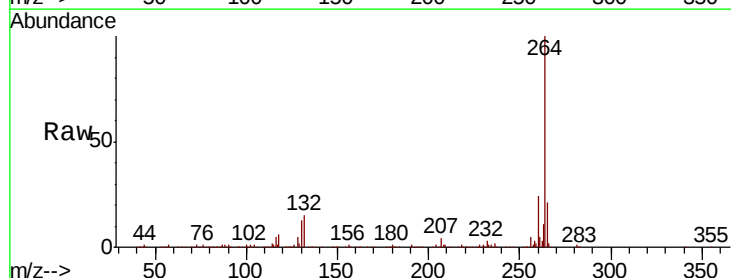
Tgt Ion:264 Resp: 411072

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

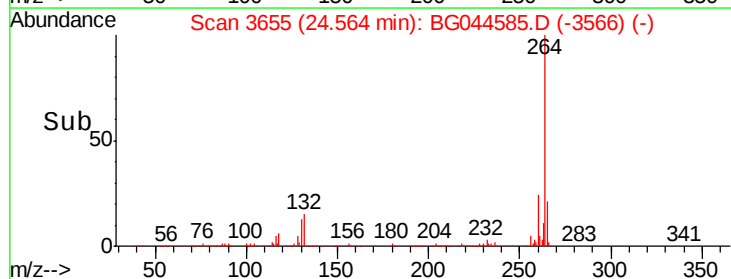
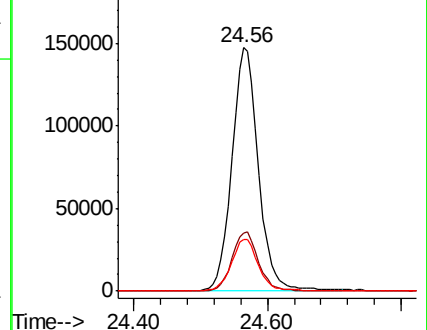
265 21.4 17.8 26.8

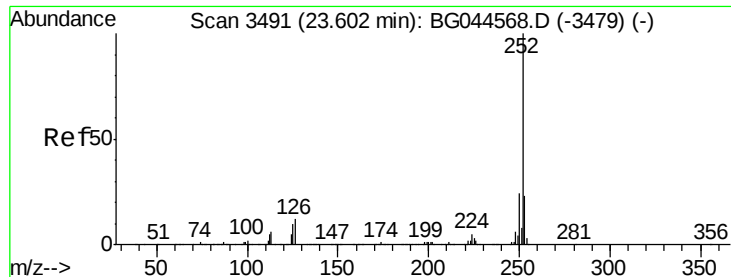


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.015 ng

RT: 23.61 min Scan# 3493

Delta R.T. 0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampled :

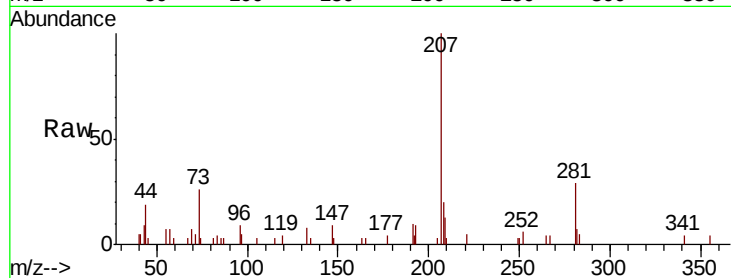
Tot Ion:252 Resp: 415

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

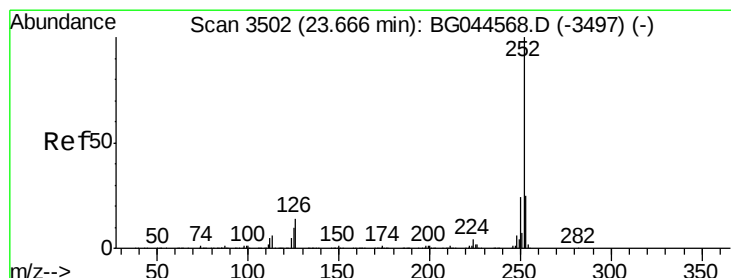
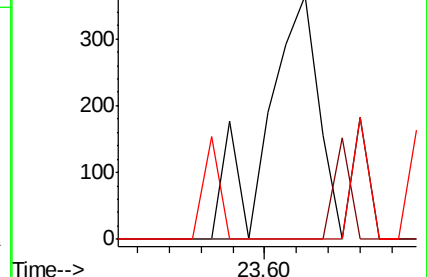
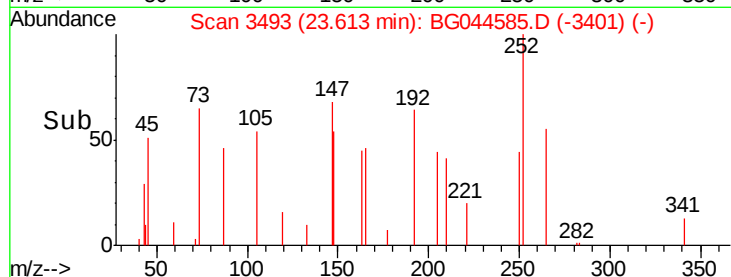
125 0.0 7.9 11.9#



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: 0.019 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

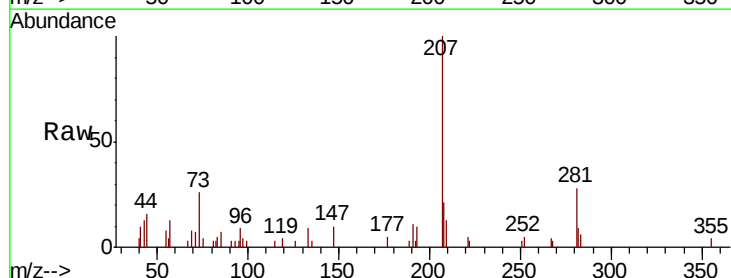
Tgt Ion:252 Resp: 487

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.6#

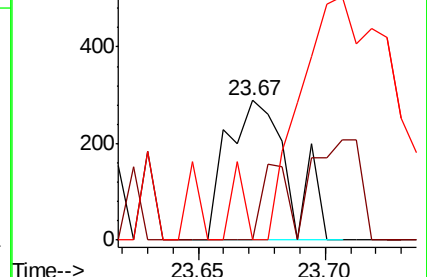
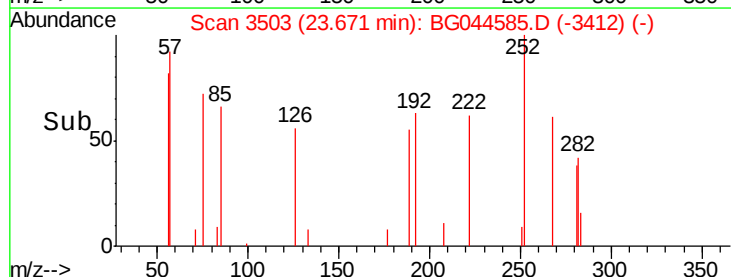
125 0.0 7.8 11.8#

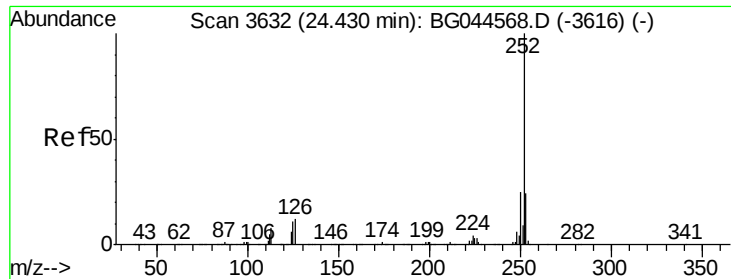


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.012 ng

RT: 24.42 min Scan# 3631

Delta R.T. -0.01 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

Instrument :

BNA_G

ClientSampled :

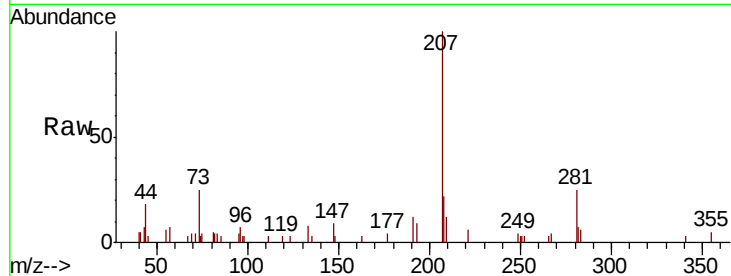
Tot Ion:252 Resp: 313

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.4#

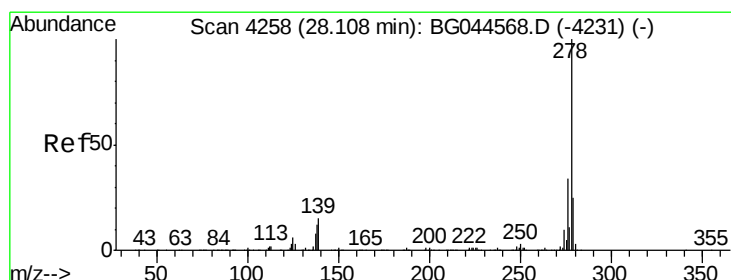
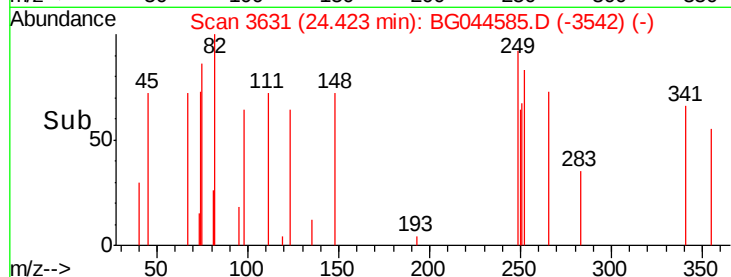
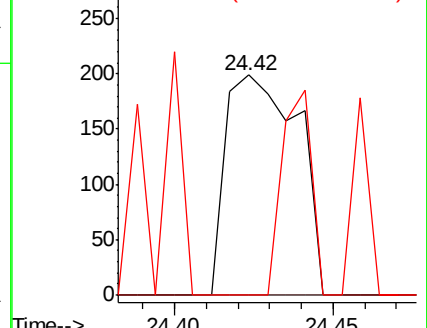
125 0.0 8.5 12.7#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.13 min Scan# 4262

Delta R.T. 0.02 min

Lab File: BG044585.D

Acq: 25 Feb 2020 20:35

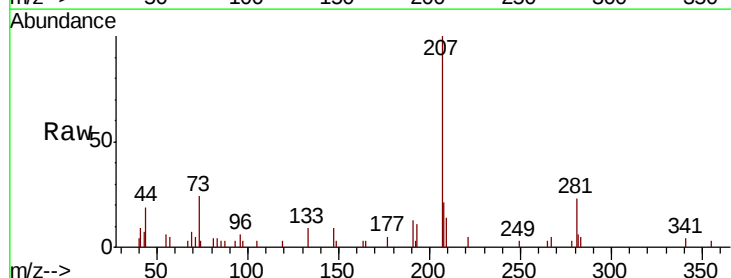
Tgt Ion:278 Resp: 63

Ion Ratio Lower Upper

278 100

139 0.0 11.7 17.5#

279 0.0 19.8 29.6#



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

