

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044411.D
 Acq On : 12 Feb 2020 16:30
 Operator : CG/JU
 Sample : L1491-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 01:05:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	67713	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	291386	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	206173	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	498865	20.00	ng	0.00
76) Chrysene-d12	21.53	240	471340	20.00	ng	-0.01
87) Perylene-d12	24.61	264	484035	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	446816	116.46	ng	0.00
7) Phenol-d6	7.07	99	606030	117.63	ng	0.00
23) Nitrobenzene-d5	9.06	82	361156	69.97	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	269560	111.37	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	885186	71.90	ng	0.00
79) Terphenyl-d14	19.90	244	1383853	60.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	414	0.240	ng	# 85
4) n-Nitrosodimethylamine	3.68	42	141	0.073	ng	# 1
6) Aniline	7.10	93	58	0.009	ng	# 1
9) Benzaldehyde	7.07	77	1167	0.398	ng	# 1
10) Phenol	7.10	94	8523	1.672	ng	# 82
11) bis(2-Chloroethyl)ether	7.10	93	58	0.013	ng	# 1
15) Benzyl Alcohol	8.22	79	5610	1.538	ng	# 47
19) n-Nitroso-di-n-propylamine	9.06	70	46638	13.582	ng	# 75
24) Nitrobenzene	9.06	77	1133	0.225	ng	# 32
25) Isophorone	9.47	82	118	0.012	ng	# 64
46) 1,1'-Biphenyl	13.38	154	2097	0.141	ng	# 97
48) 2-Nitroaniline	13.99	65	62	0.018	ng	# 1
50) Dimethylphthalate	13.99	163	40228	2.714	ng	# 99
51) 2,6-Dinitrotoluene	14.54	165	26955	8.157	ng	# 30
52) Acenaphthene	14.53	154	737	0.066	ng	# 5
57) 2,4-Dinitrotoluene	14.54	165	26955	5.820	ng	# 27
58) Fluorene	16.03	166	11080	0.826	ng	# 88
60) Diethylphthalate	15.36	149	113	0.008	ng	# 57
63) Azobenzene	16.03	77	1372	0.106	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.03	198	781	0.284	ng	# 1
66) n-Nitrosodiphenylamine	16.03	169	9370	0.670	ng	# 49
67) 4-Bromophenyl-phenylether	16.03	248	18058	3.322	ng	# 1
71) Phenanthrene	17.32	178	519	0.021	ng	# 57
72) Anthracene	17.42	178	228	0.010	ng	# 57
74) Di-n-butylphthalate	18.25	149	732	0.027	ng	# 75
75) Fluoranthene	19.34	202	3337	0.119	ng	# 88
77) Benzidine	19.90	184	20648	1.579	ng	# 90
78) Pyrene	19.70	202	3091	0.102	ng	# 86
80) Butylbenzylphthalate	20.60	149	270	0.020	ng	# 78
81) Benzo(a)anthracene	21.53	228	2273	0.078	ng	# 77
82) 3,3'-Dichlorobenzidine	21.44	252	56	0.005	ng	# 25
83) Chrysene	21.57	228	1073	0.038	ng	# 63
84) Bis(2-ethylhexyl)phthalate	21.43	149	1164	0.061	ng	# 85
85) Di-n-octyl phthalate	22.59	149	1182	0.036	ng	# 78

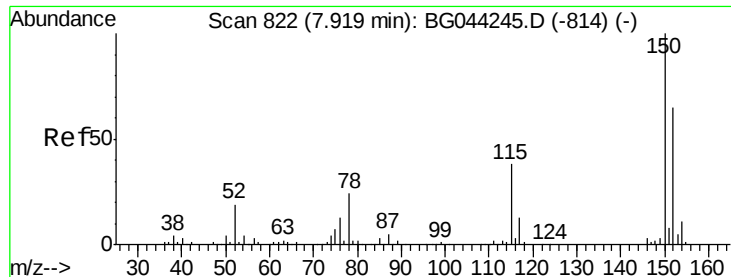
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
Data File : BG044411.D
Acq On : 12 Feb 2020 16:30
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	28.09	276	57	0.002	ng	# 50
88) Benzo(b)fluoranthene	23.64	252	1181	0.042	ng	# 46
89) Benzo(k)fluoranthene	23.71	252	1090	0.040	ng	# 42
90) Benzo(a)pyrene	24.46	252	541	0.021	ng	# 59
91) Dibenzo(a,h)anthracene	28.19	278	182	0.007	ng	# 56
92) Benzo(a,h,i)perylene	29.15	276	110	0.004	ng	# 54

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

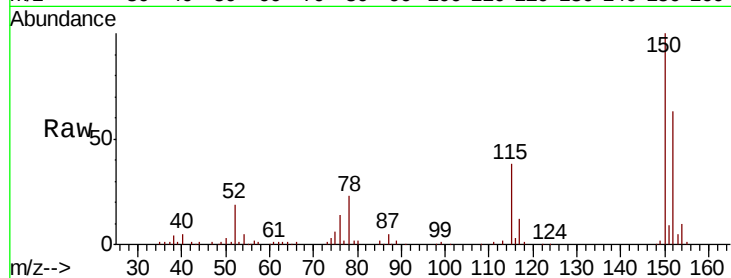


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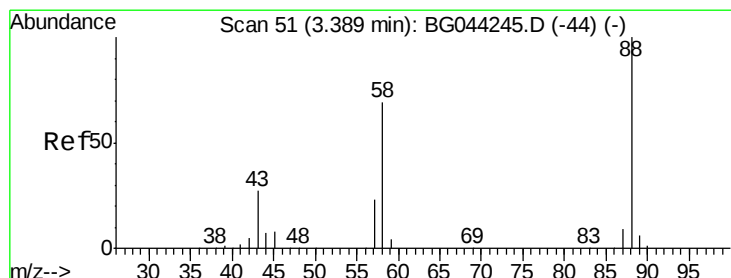
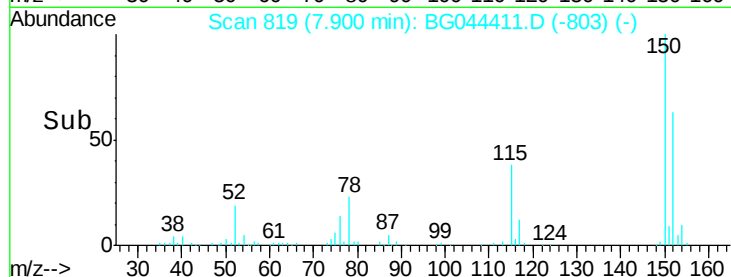
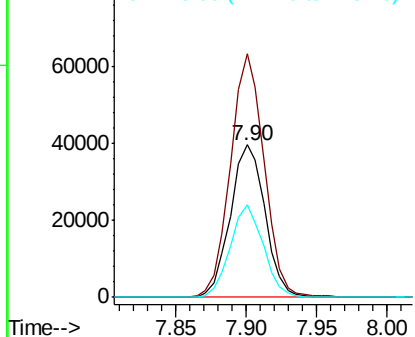
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67713
Ion Ratio Lower Upper
152 100
150 159.7 122.6 183.8
115 60.4 46.0 69.0



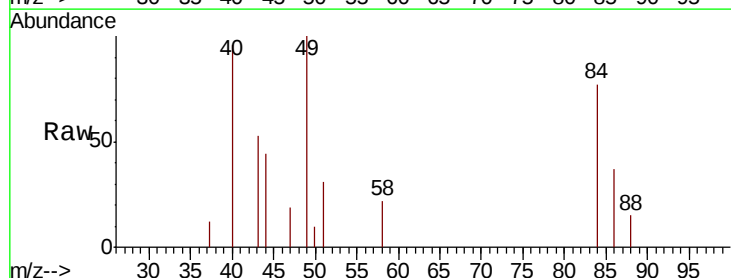
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



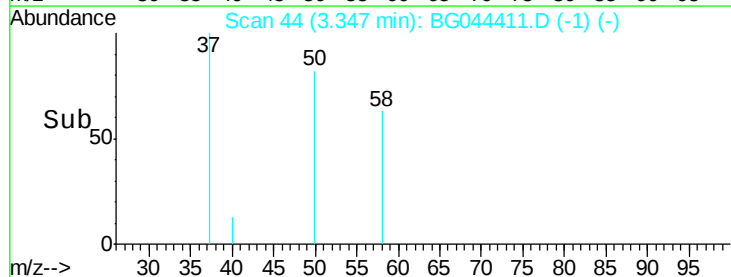
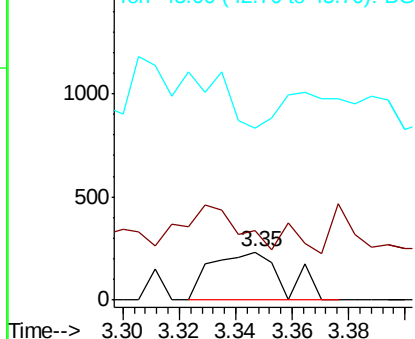
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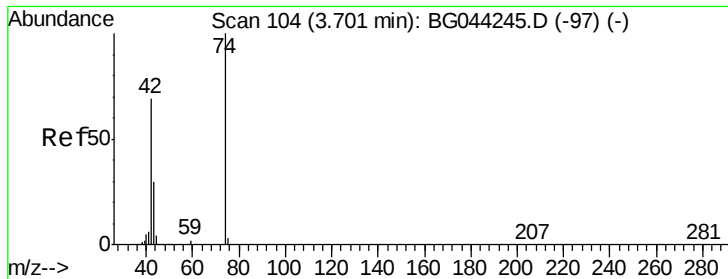
1,4-Dioxane
Concen: 0.240 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion: 88 Resp: 414
Ion Ratio Lower Upper
88 100
58 70.0 55.8 83.6
43 0.0 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





#4

n-Nitrosodimethylamine

Concen: 0.073 ng

RT: 3.68 min Scan# 100

Delta R.T. 0.00 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampled :

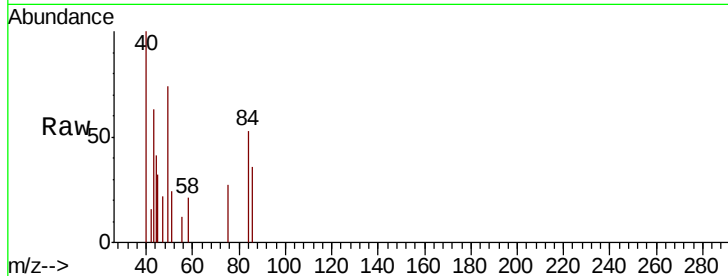
Tot Ion: 42 Resp: 141

Ion Ratio Lower Upper

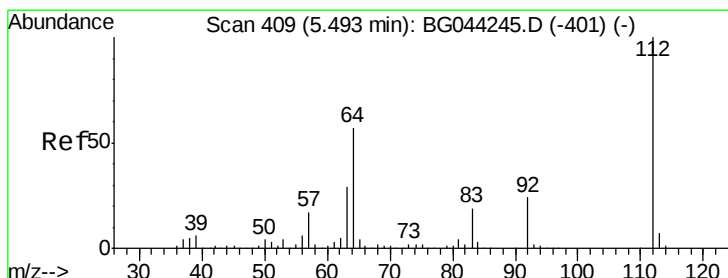
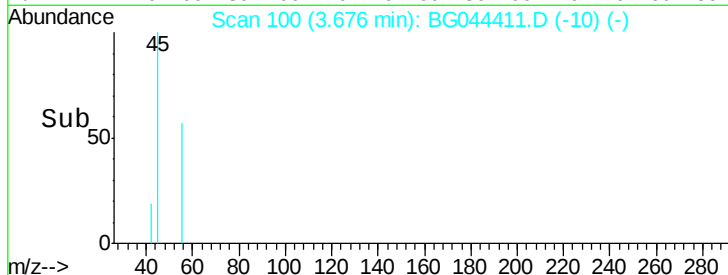
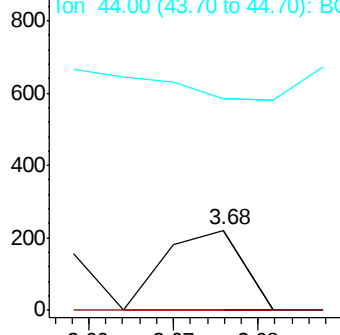
42 100

74 0.0 115.1 172.7#

44 264.7 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: 116.456 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

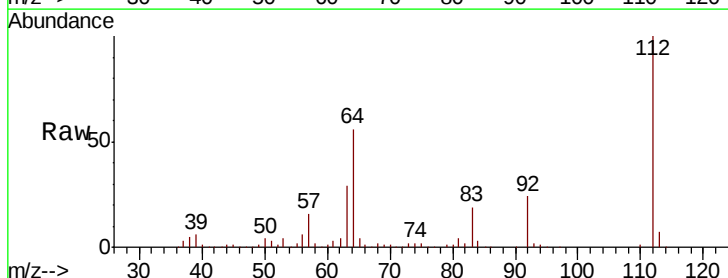
Tgt Ion: 112 Resp: 446816

Ion Ratio Lower Upper

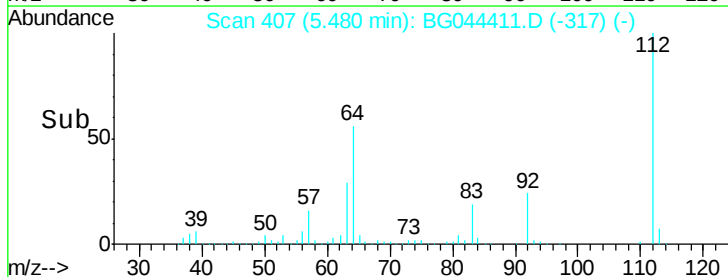
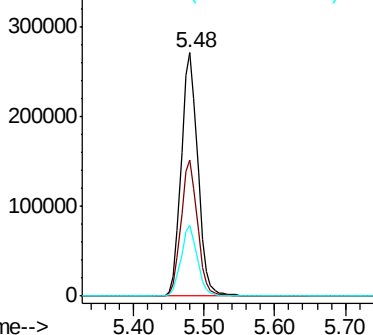
112 100

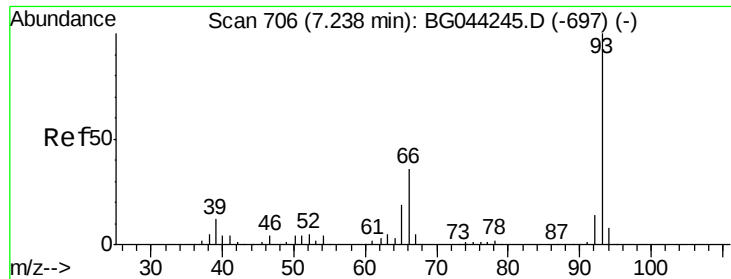
64 55.7 45.4 68.2

63 29.2 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





#6

Aniline

Concen: 0.009 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.13 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

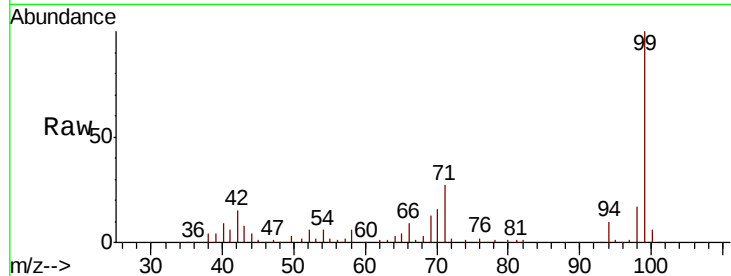
Tot Ion: 93 Resp: 58

Ion Ratio Lower Upper

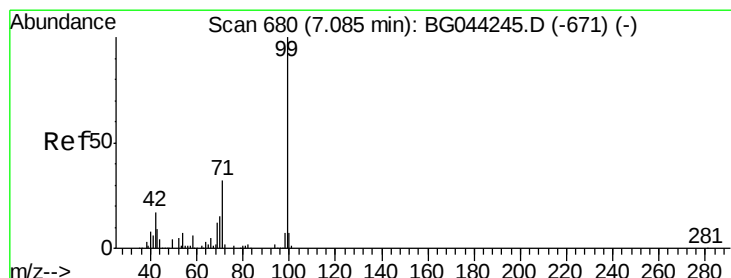
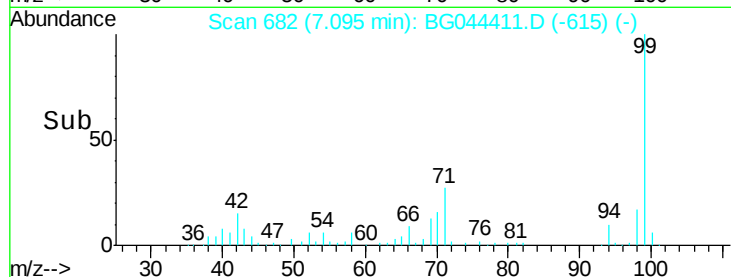
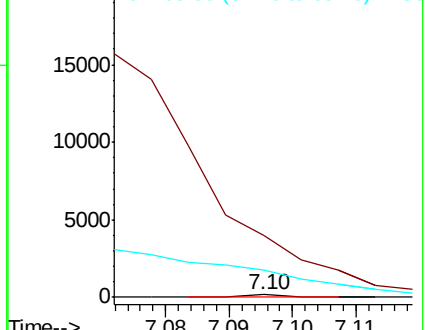
93 100

66 2407.9 28.7 43.1#

65 1085.5 15.4 23.0#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 117.625 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

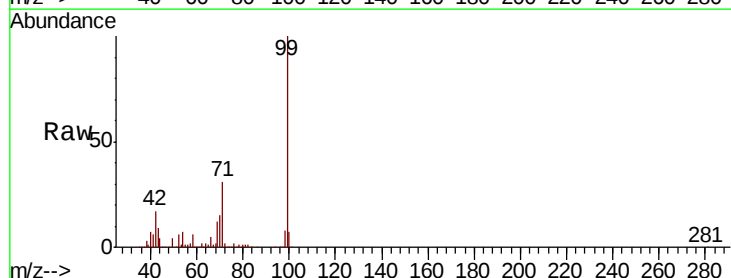
Tgt Ion: 99 Resp: 606030

Ion Ratio Lower Upper

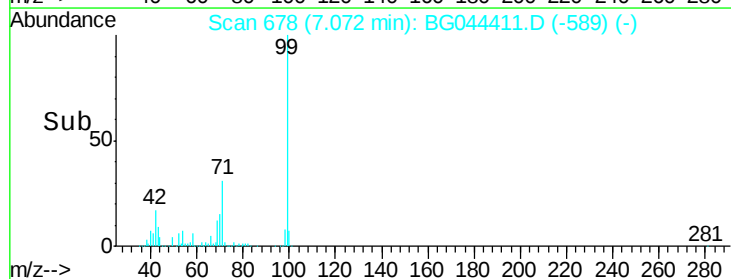
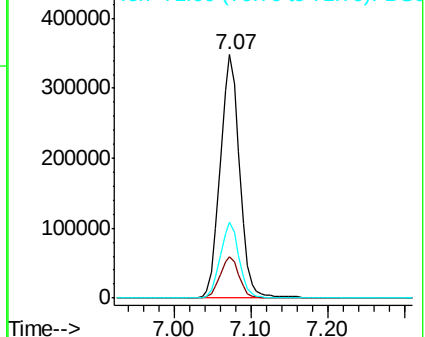
99 100

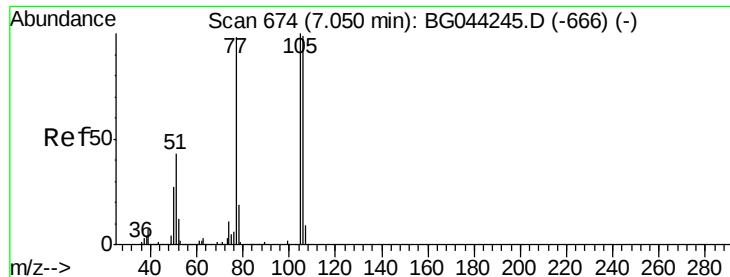
42 16.7 13.8 20.6

71 30.9 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: 0.398 ng

RT: 7.07 min Scan# 678

Delta R.T. 0.04 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

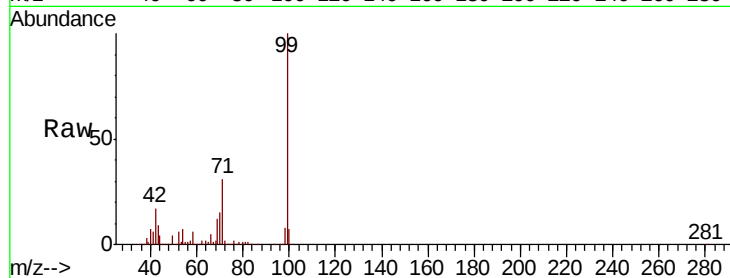
Tot Ion: 77 Resp: 1167

Ion Ratio Lower Upper

77 100

105 0.0 82.0 122.0#

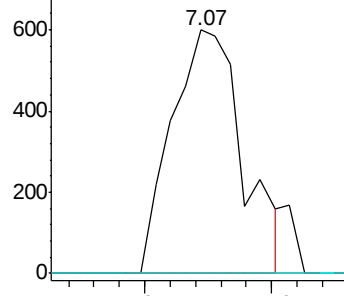
106 0.0 80.7 120.7#



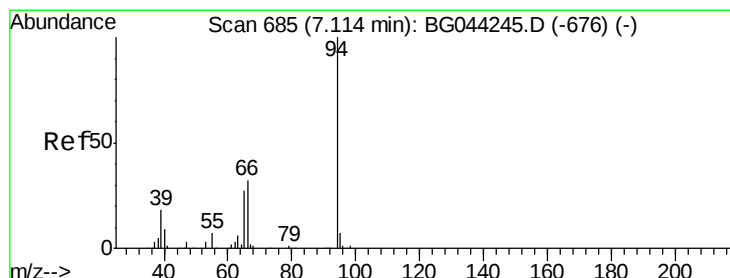
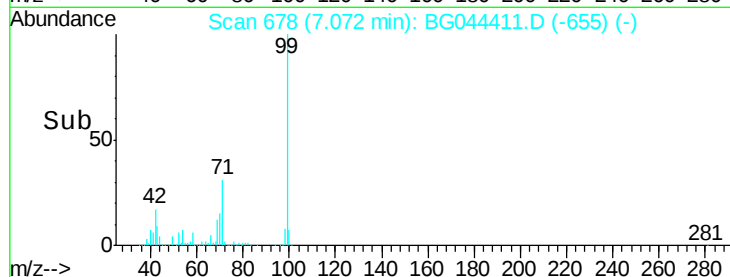
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



Time-->



#10

Phenol

Concen: 1.672 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

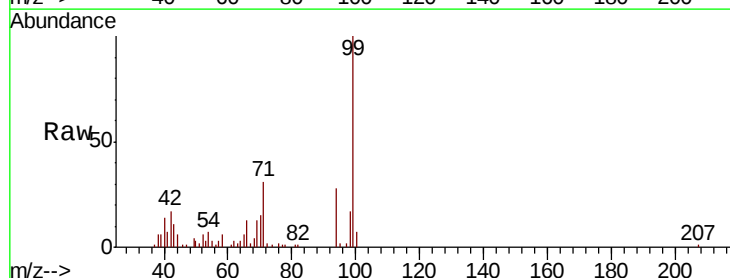
Tgt Ion: 94 Resp: 8523

Ion Ratio Lower Upper

94 100

65 22.6 7.0 47.0

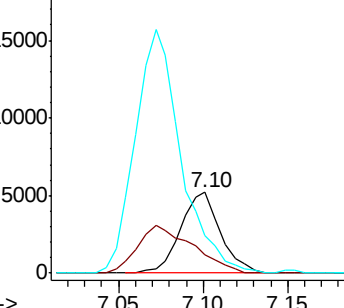
66 46.8 12.7 52.7



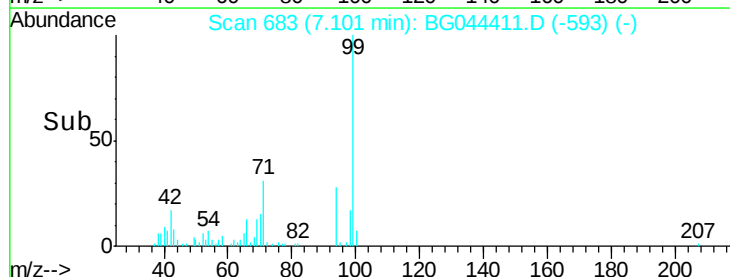
Abundance Ion 94.00 (93.70 to 94.70): BGC

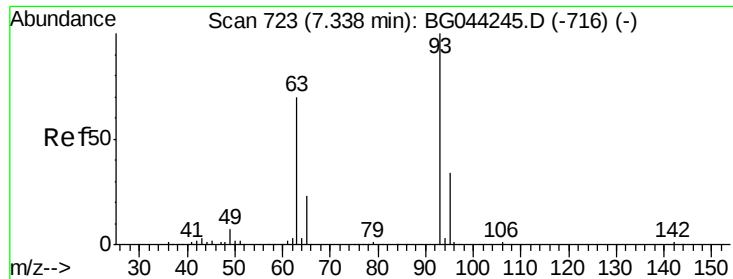
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



Time-->

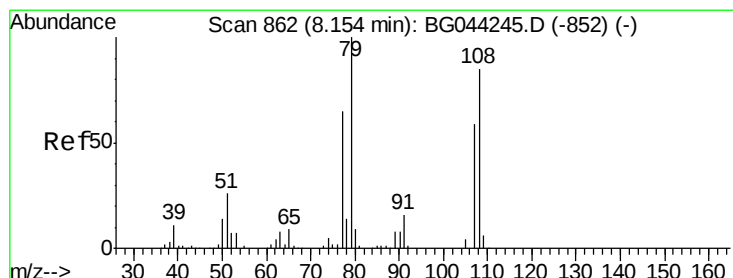
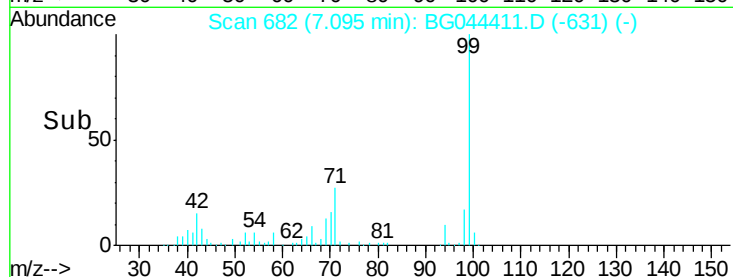
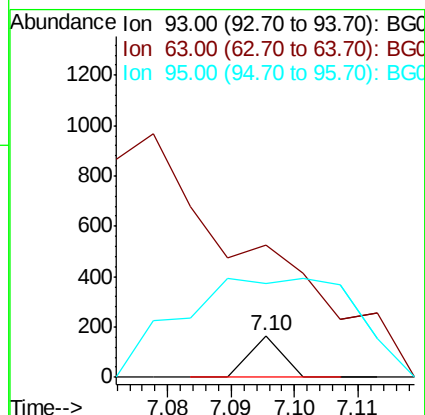
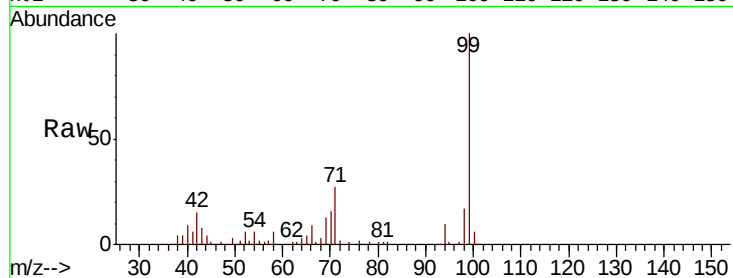




#11
bis(2-Chloroethyl)ether
Concen: 0.013 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.23 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

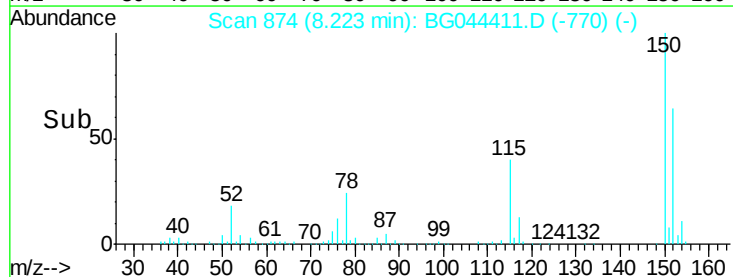
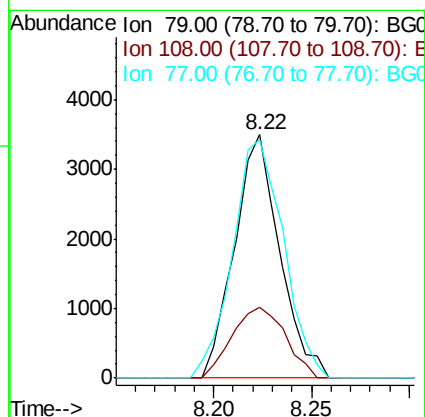
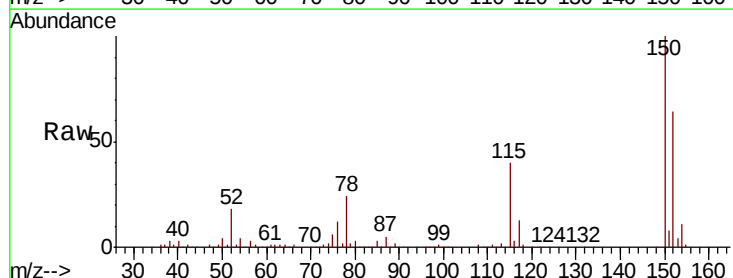
Instrument :
BNA_G
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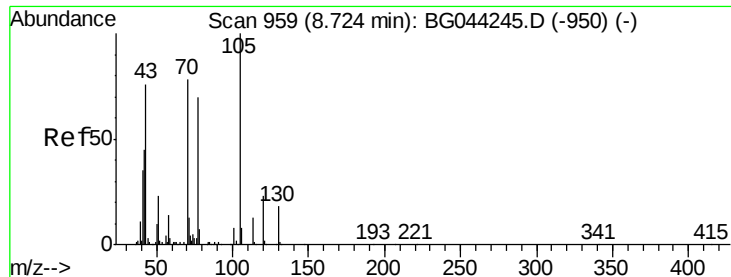
Tot Ion: 93 Resp: 58
Ion Ratio Lower Upper
93 100
63 318.8 49.2 89.2#
95 225.5 13.6 53.6#



#15
Benzyl Alcohol
Concen: 1.538 ng
RT: 8.22 min Scan# 874
Delta R.T. 0.08 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion: 79 Resp: 5610
Ion Ratio Lower Upper
79 100
108 29.1 68.3 102.5#
77 98.0 51.8 77.8#

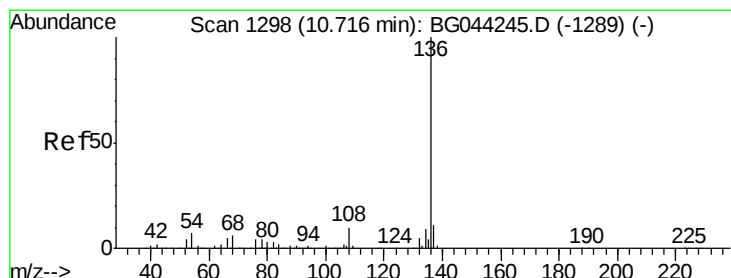
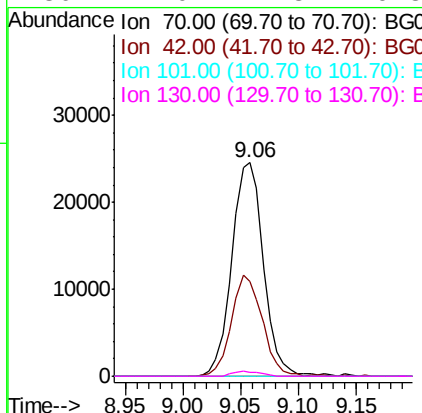
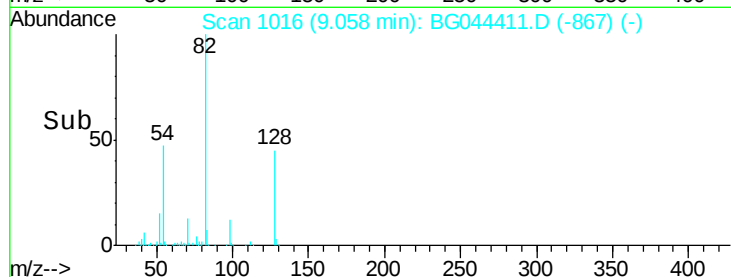
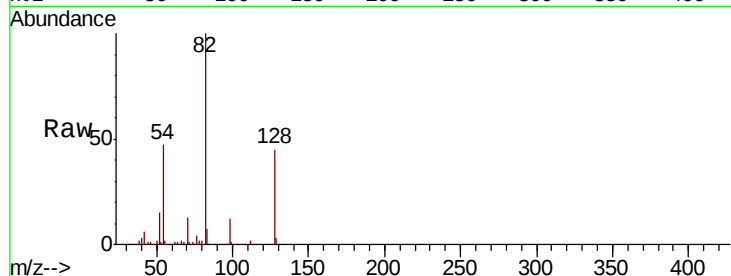




#19
n-Nitroso-di-n-propylamine
Concen: 13.582 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.35 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

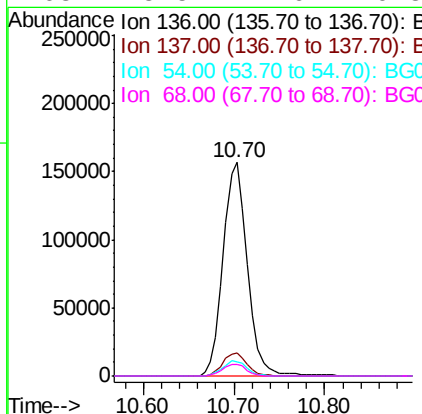
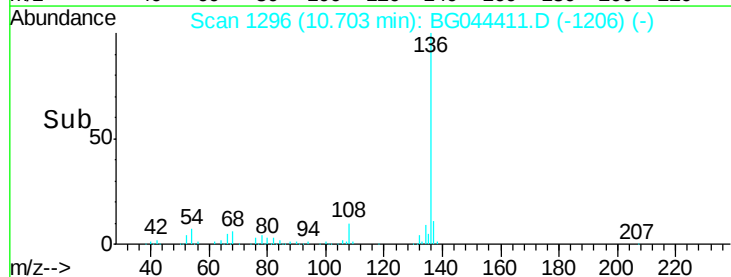
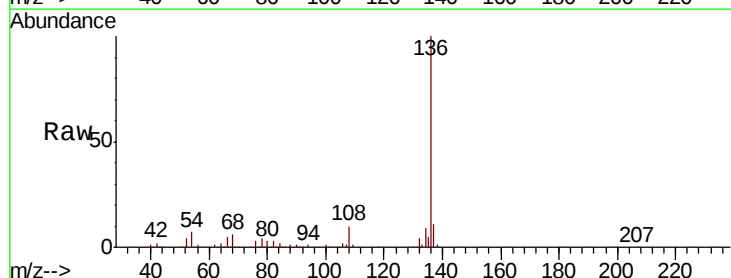
Instrument :
BNA_G
ClientSampleId :

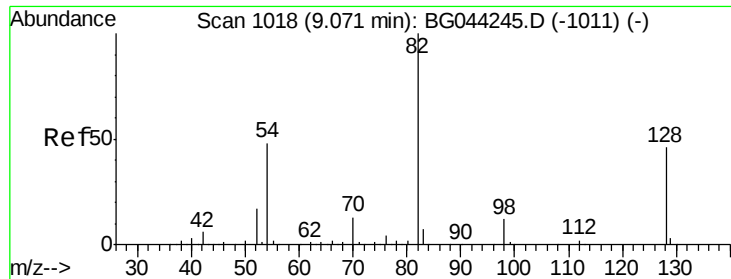
Tot Ion: 70 Resp: 46638
Ion Ratio Lower Upper
70 100
42 44.6 46.2 69.2#
101 0.0 8.4 12.6#
130 2.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion: 136 Resp: 291386
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.9 5.8 8.8
68 5.5 4.6 6.8

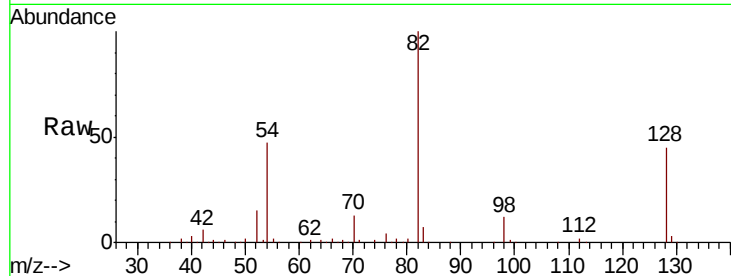




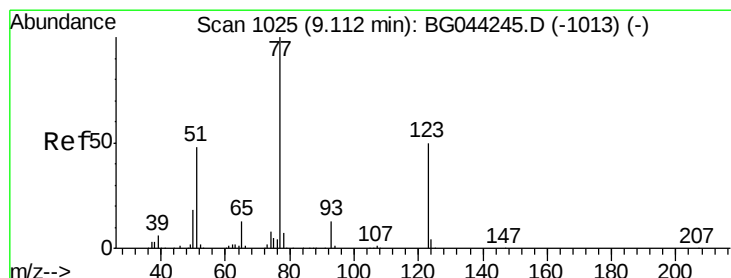
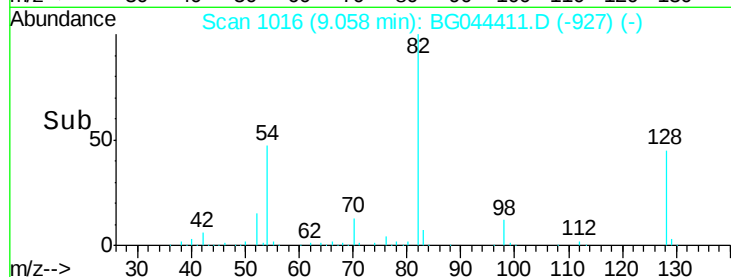
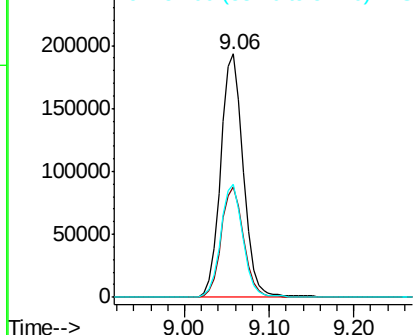
#23
Nitrobenzene-d5
Concen: 69.974 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	361156
Ion Ratio	100	Lower	Upper
128	45.3	36.5	54.7
54	46.6	38.6	58.0

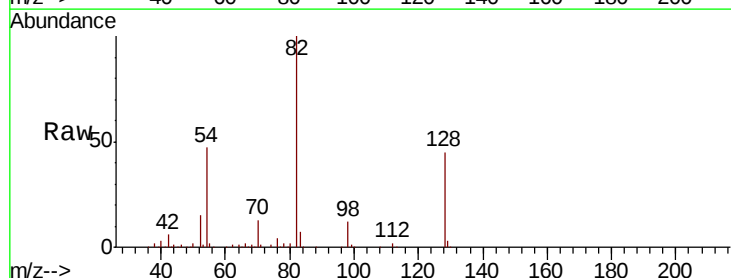


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

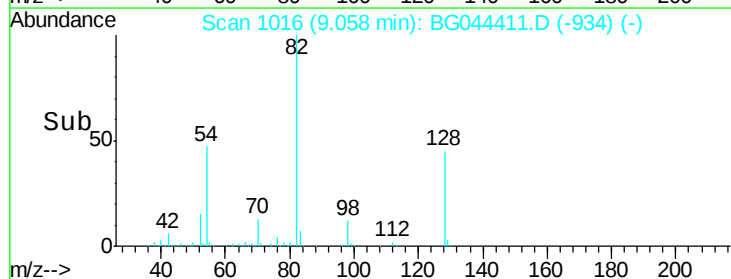
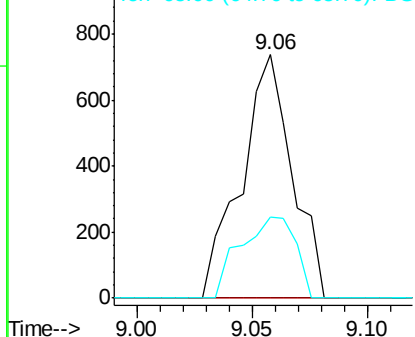


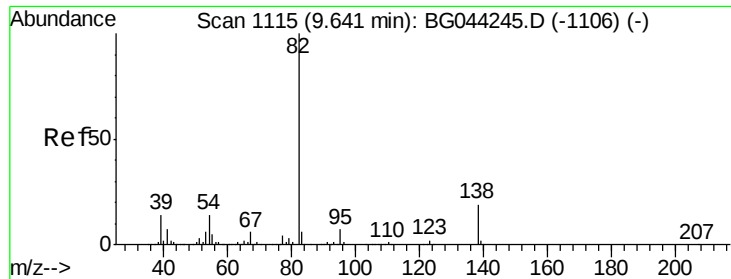
#24
Nitrobenzene
Concen: 0.225 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion	77	Resp	1133
Ion Ratio	100	Lower	Upper
123	0.0	39.9	59.9#
65	33.3	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

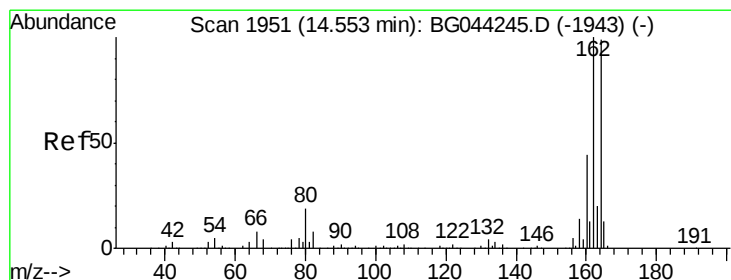
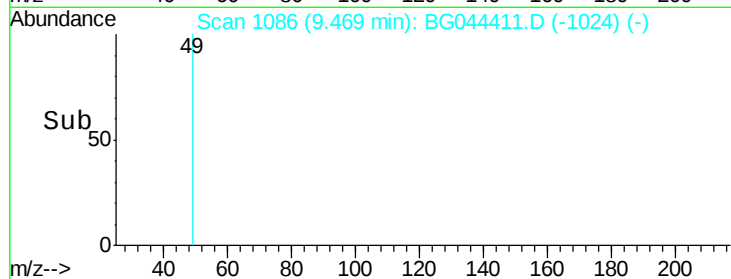
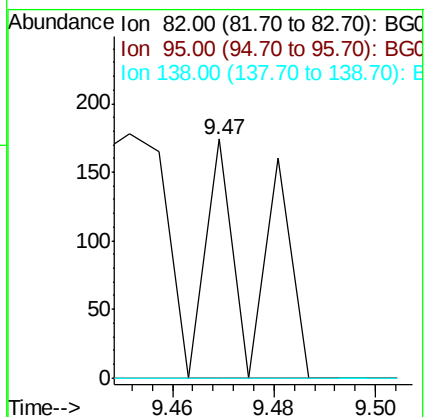
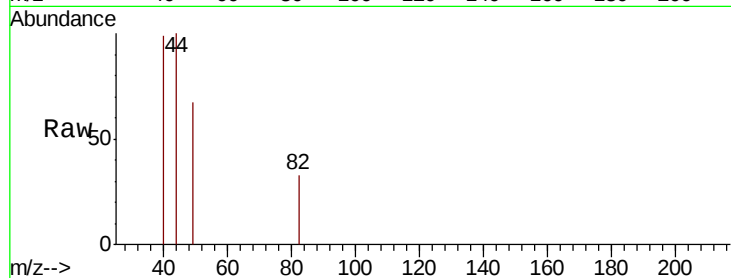




#25
Isophorone
Concen: 0.012 ng
RT: 9.47 min Scan# 1086
Delta R.T. -0.16 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

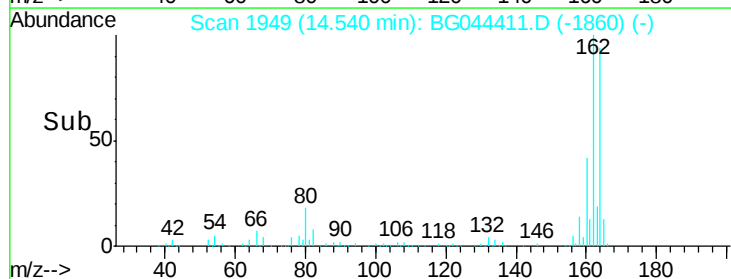
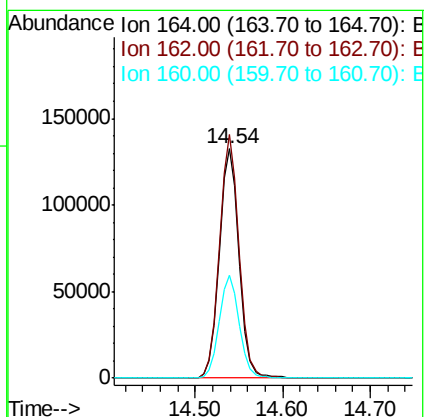
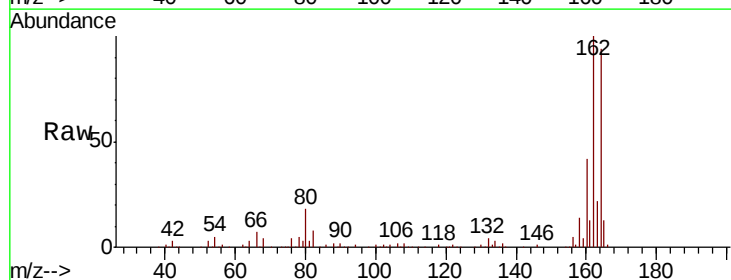
Instrument :
BNA_G
ClientSampleId :

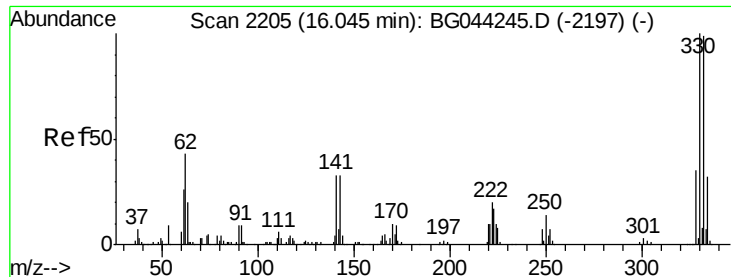
Tot Ion: 82 Resp: 118
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion:164 Resp: 206173
Ion Ratio Lower Upper
164 100
162 106.3 80.7 121.1
160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 111.372 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

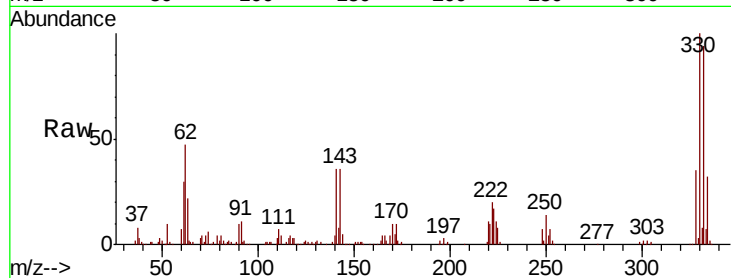
Tot Ion:330 Resp: 269560

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

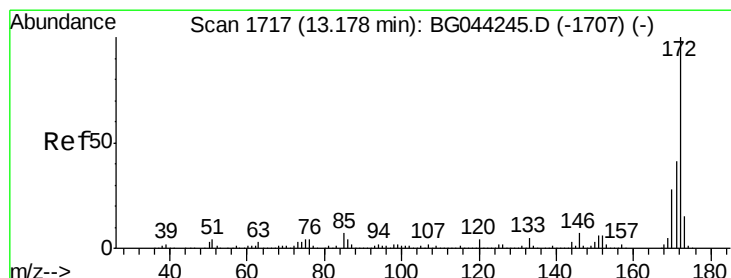
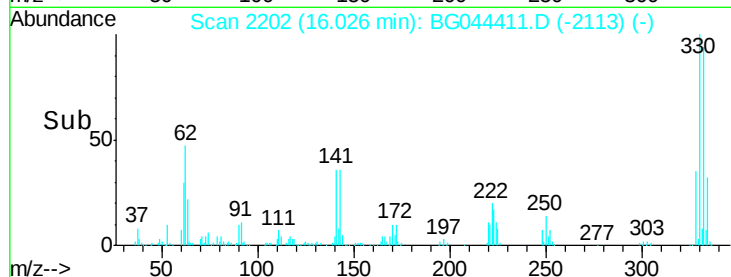
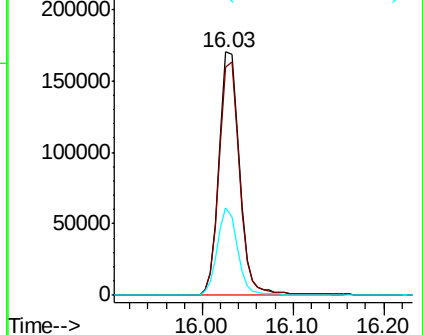
141 35.4 28.3 42.5



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: 71.896 ng

RT: 13.16 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

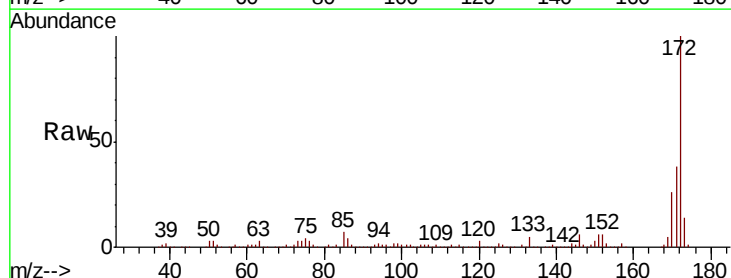
Tgt Ion:172 Resp: 885186

Ion Ratio Lower Upper

172 100

171 37.8 32.9 49.3

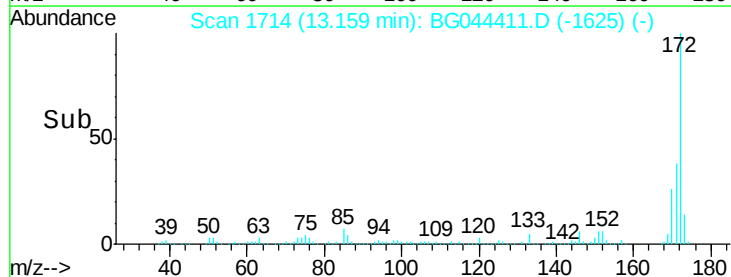
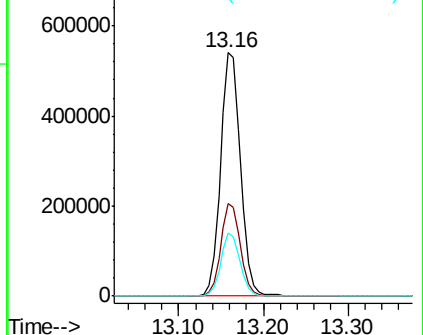
170 25.8 22.0 33.0

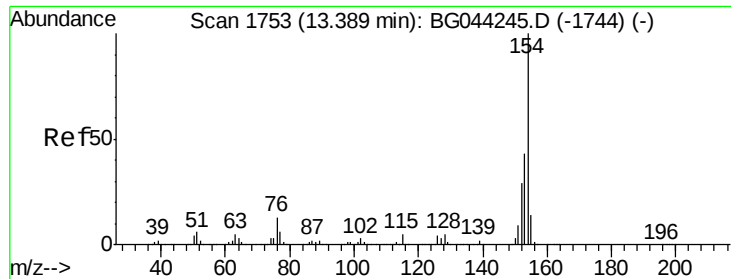


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

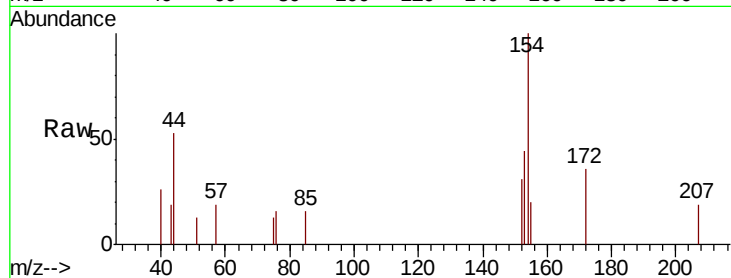




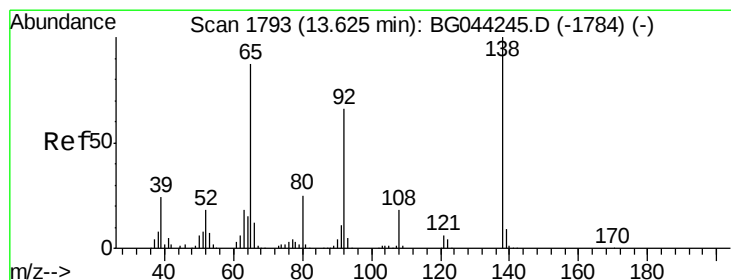
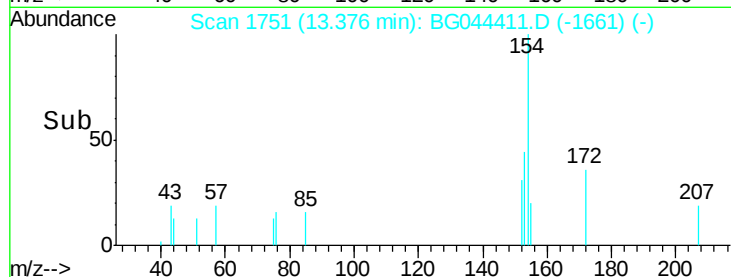
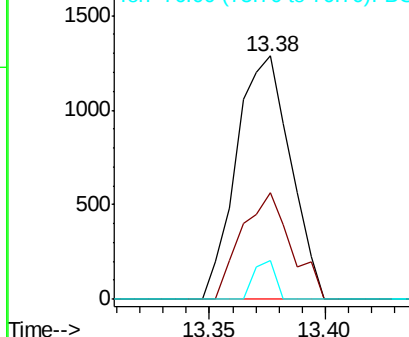
#46
 1,1'-Biphenyl
 Concen: 0.141 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.7	62.7
76	16.1	0.0	32.9

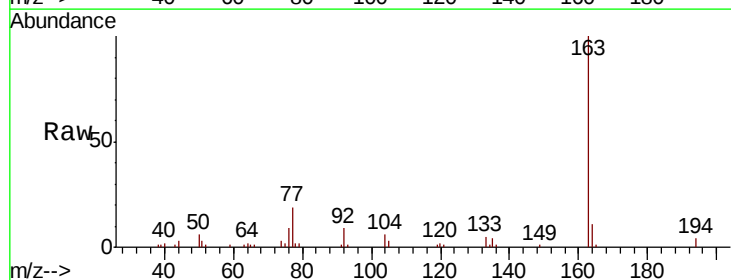


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

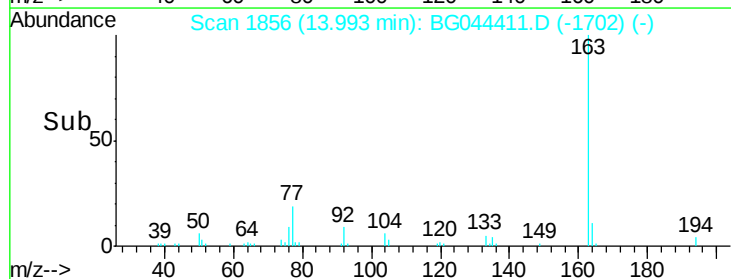
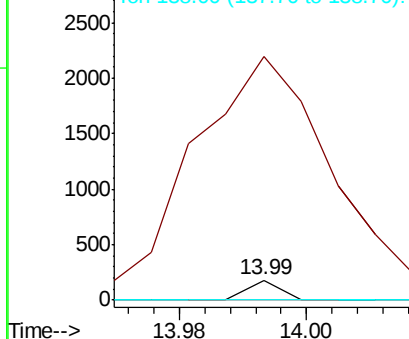


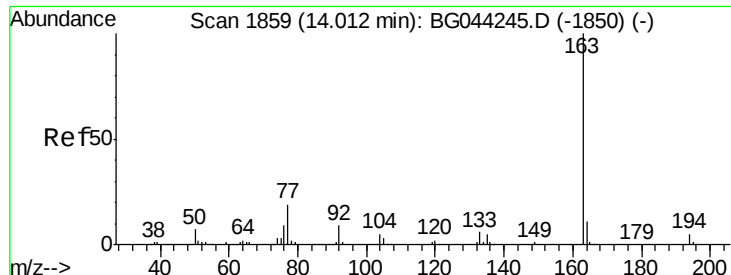
#48
 2-Nitroaniline
 Concen: 0.018 ng
 RT: 13.99 min Scan# 1856
 Delta R.T. 0.38 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	1239.5	60.3	90.5#
138	0.0	91.9	137.9#



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





#50

Dimethylphthalate

Concen: 2.714 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

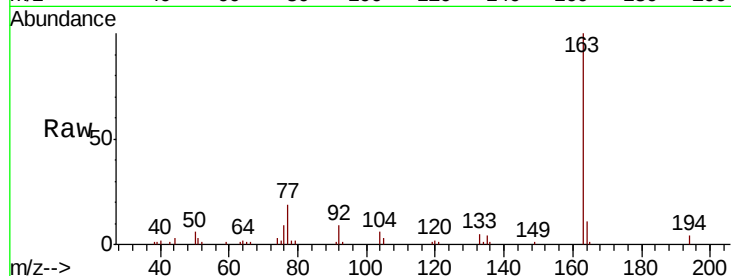
Tot Ion:163 Resp: 40228

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

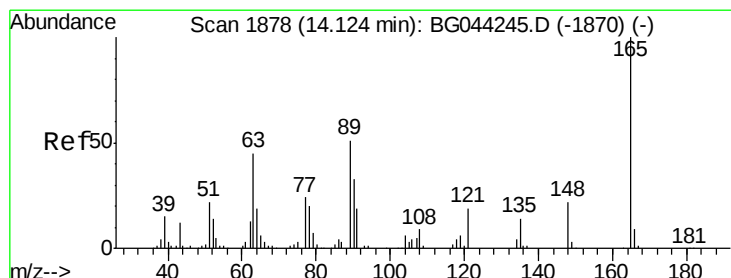
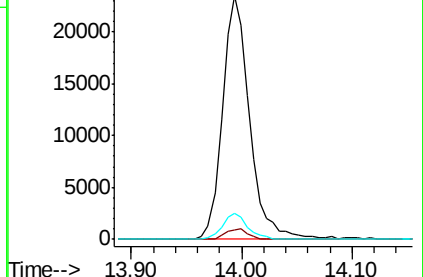
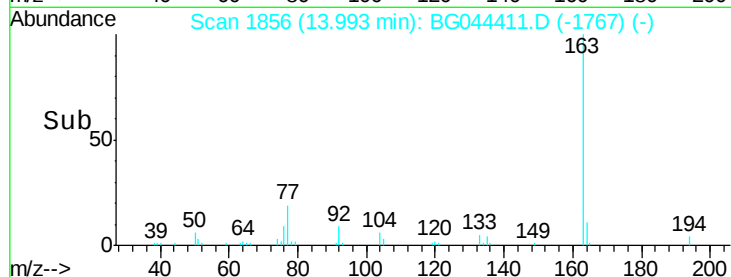
164 10.6 8.7 13.1



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: 8.157 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.42 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

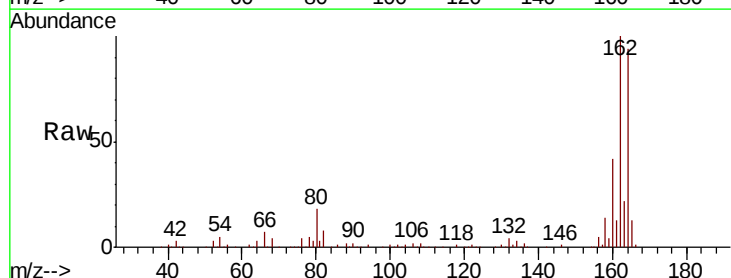
Tgt Ion:165 Resp: 26955

Ion Ratio Lower Upper

165 100

63 1.0 38.7 58.1#

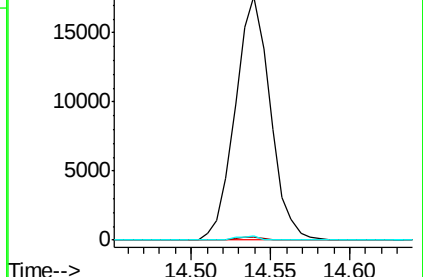
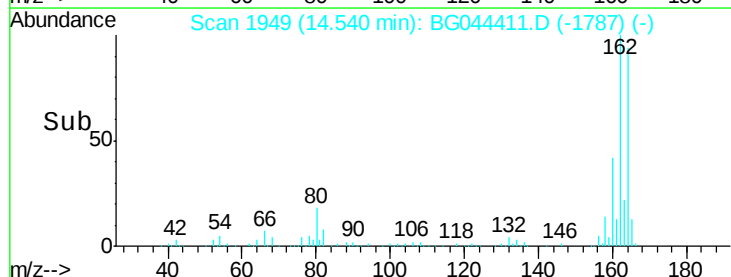
89 1.6 40.4 60.6#

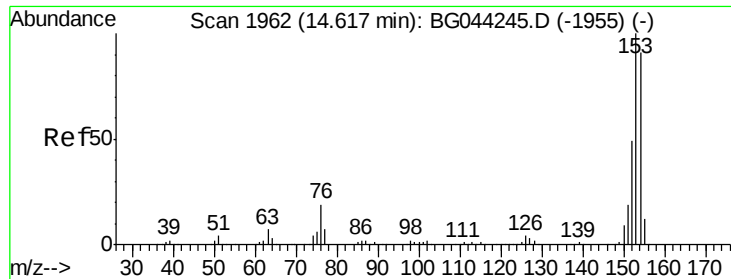


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.066 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.08 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

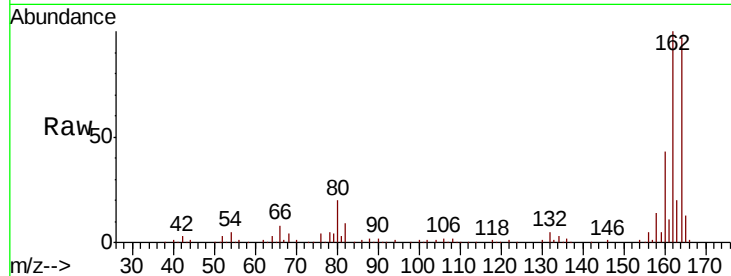
Tot Ion:154 Resp: 737

Ion Ratio Lower Upper

154 100

153 0.0 87.9 131.9#

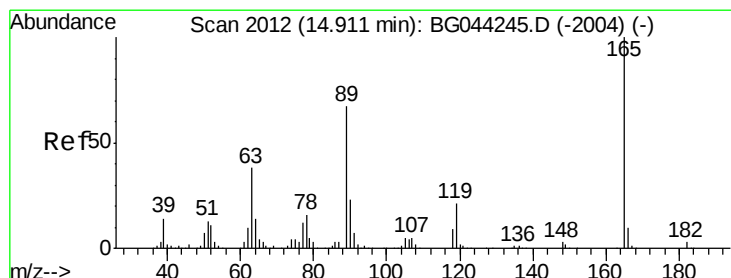
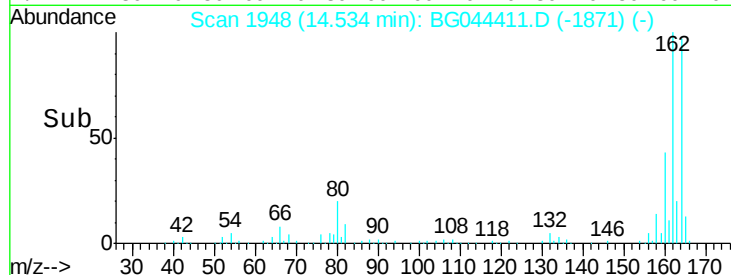
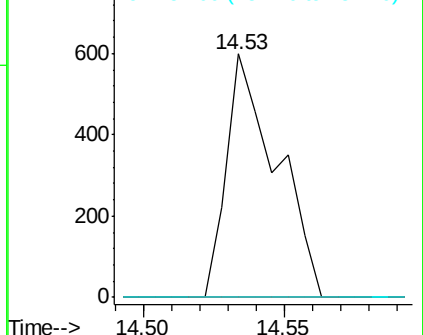
152 0.0 43.1 64.7#



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: 5.820 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.36 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Tgt Ion:165 Resp: 26955

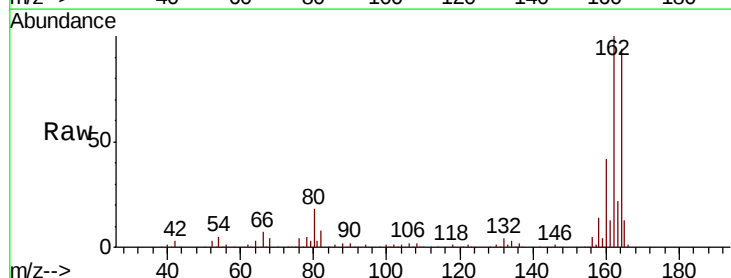
Ion Ratio Lower Upper

165 100

63 1.0 30.3 45.5#

89 1.6 53.4 80.2#

182 0.0 2.1 3.1#

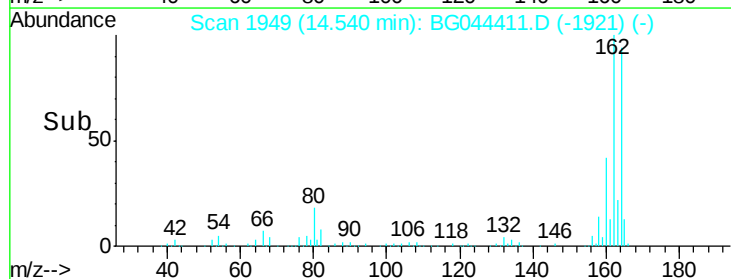
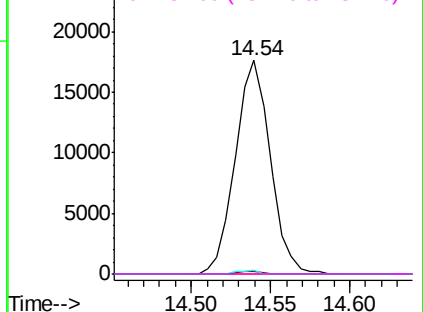


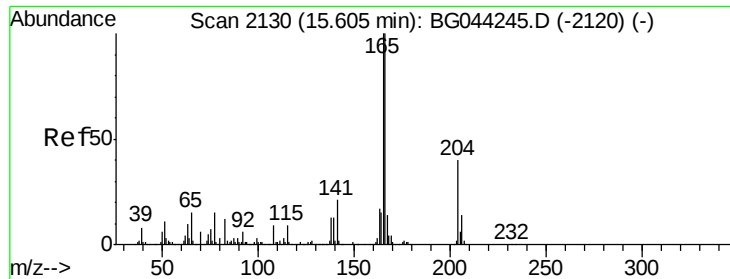
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.826 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.44 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

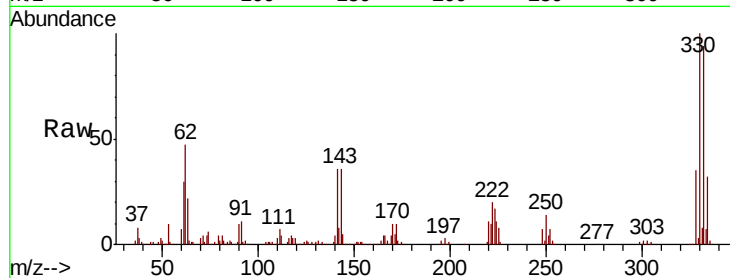
Tot Ion:166 Resp: 11080

Ion Ratio Lower Upper

166 100

165 106.2 79.9 119.9

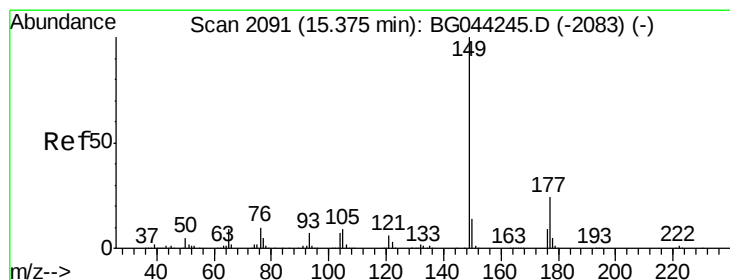
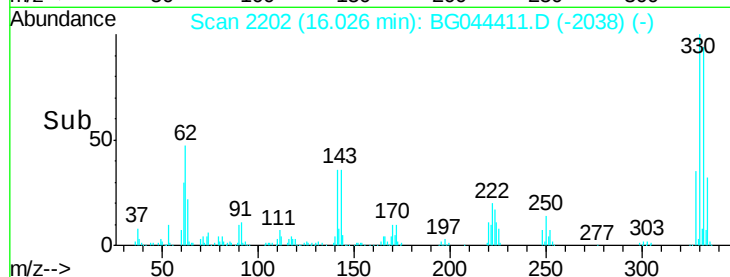
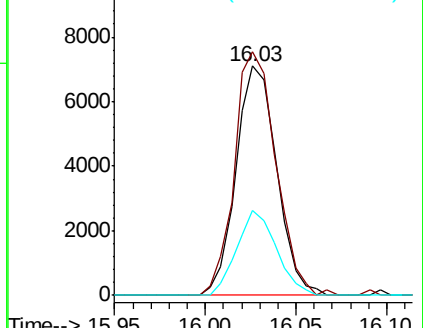
167 37.1 11.4 17.0#



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



#60

Diethylphthalate

Concen: 0.008 ng

RT: 15.36 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

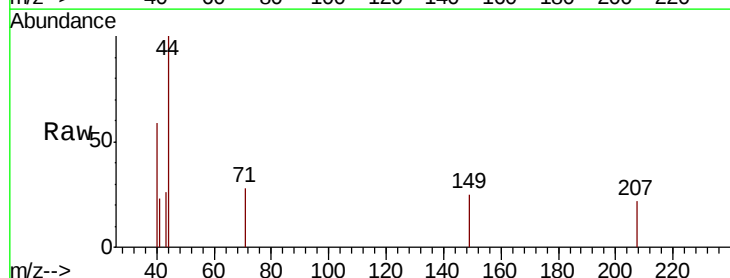
Tgt Ion:149 Resp: 113

Ion Ratio Lower Upper

149 100

177 0.0 19.4 29.0#

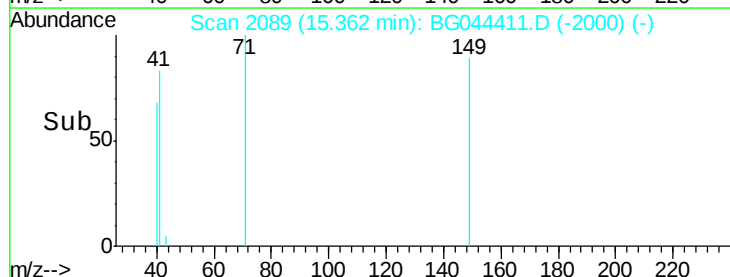
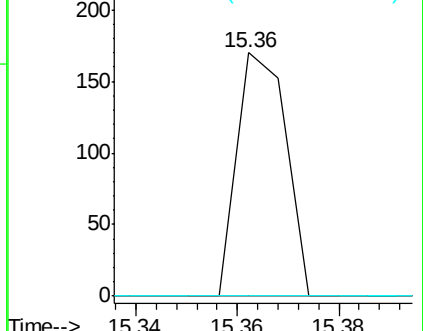
150 0.0 10.9 16.3#

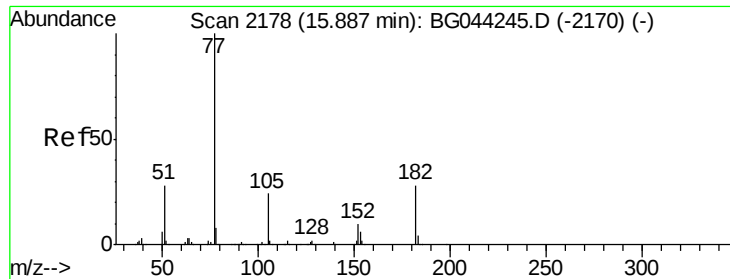


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

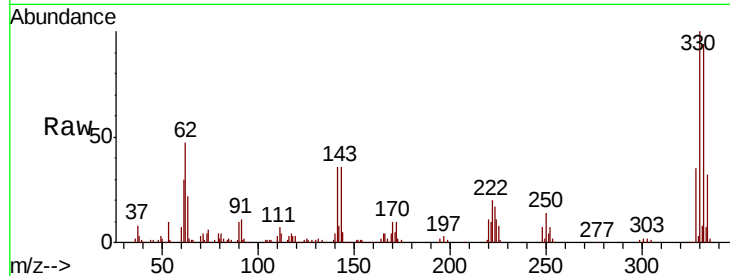




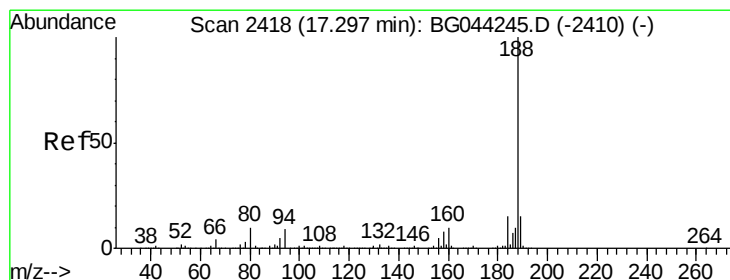
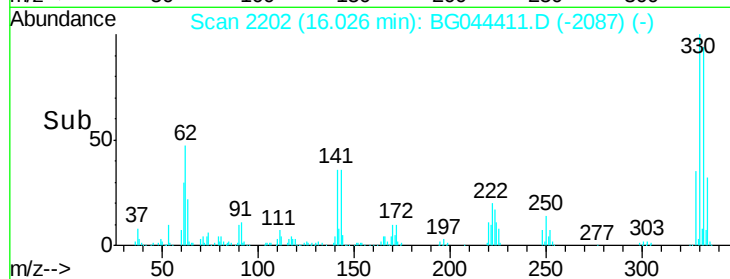
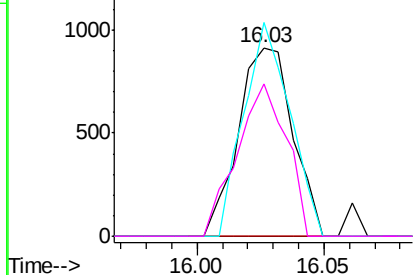
#63
Azobenzene
Concen: 0.106 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.15 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1372
Ion Ratio Lower Upper
77 100
182 0.0 8.2 48.2#
105 113.4 3.6 43.6#
51 80.7 8.3 48.3#

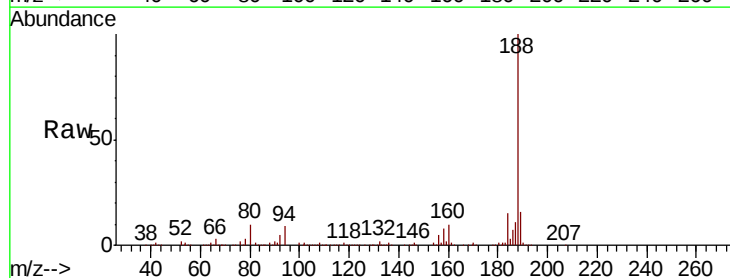


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

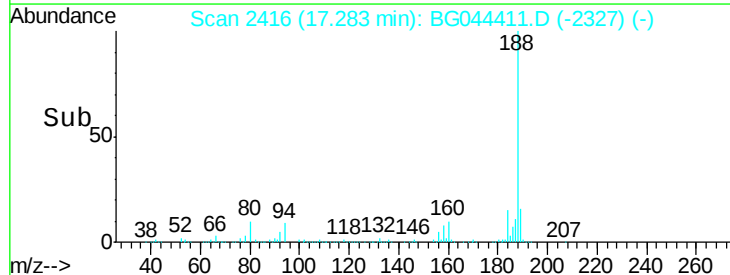
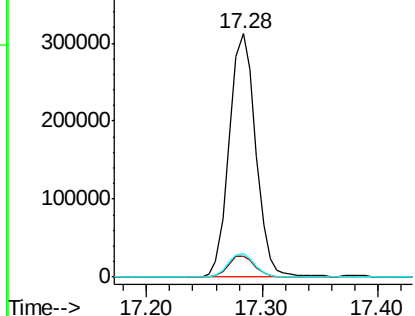


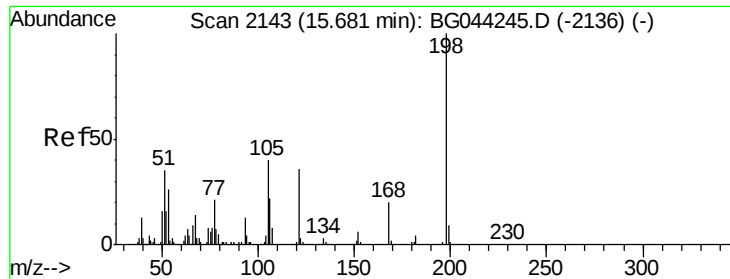
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion: 188 Resp: 498865
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 7.7 11.5



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: 0.284 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

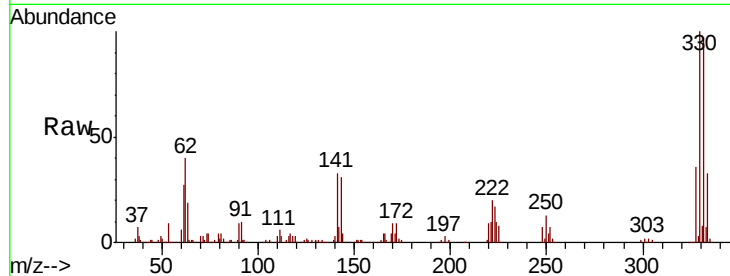
Tot Ion:198 Resp: 781

Ion Ratio Lower Upper

198 100

51 88.9 16.6 56.6#

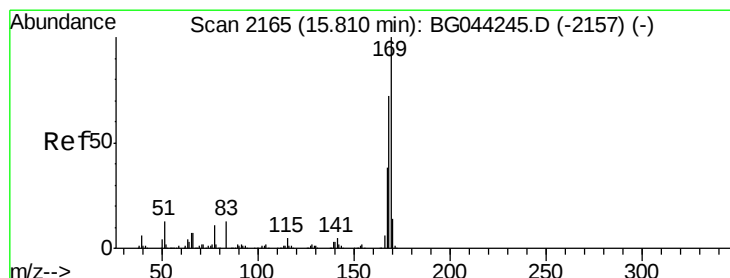
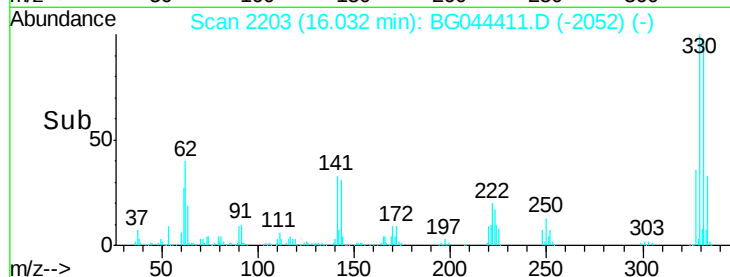
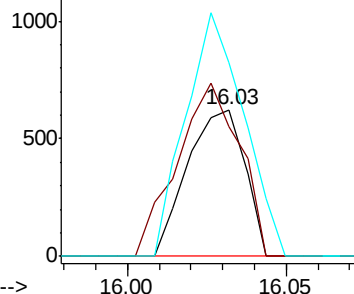
105 132.0 20.6 60.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.670 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.22 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

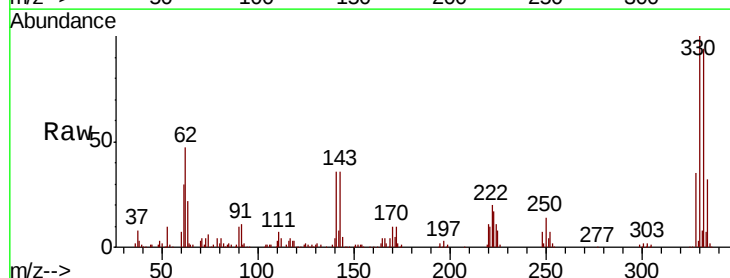
Tgt Ion:169 Resp: 9370

Ion Ratio Lower Upper

169 100

168 8.7 57.9 86.9#

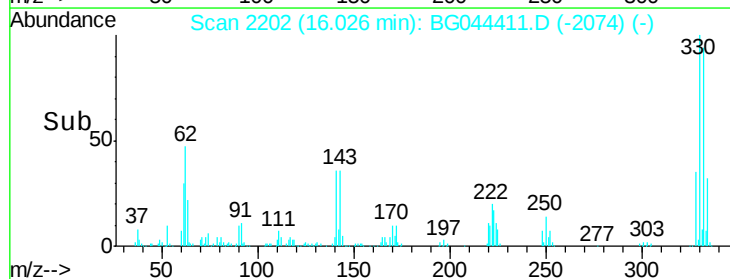
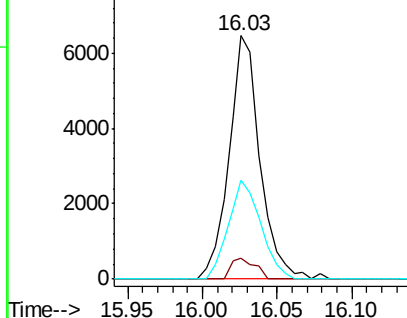
167 40.8 30.7 46.1

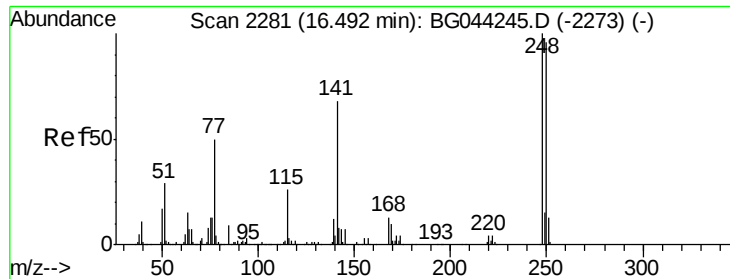


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

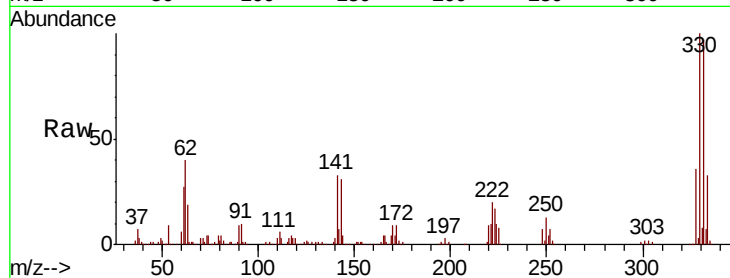




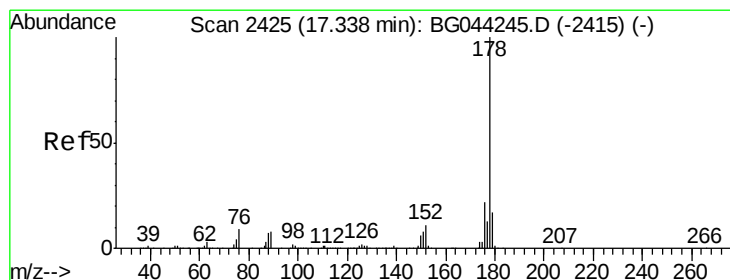
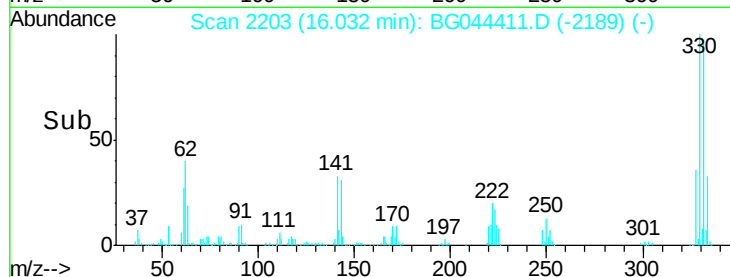
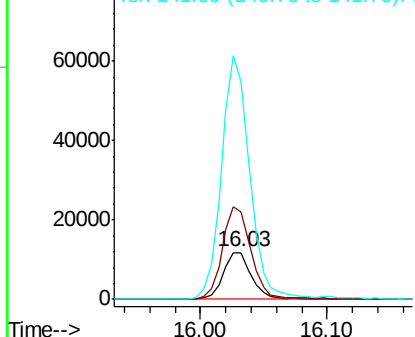
#67
4-Bromophenyl-phenylether
Concen: 3.322 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.45 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18058
Ion Ratio Lower Upper
248 100
250 186.6 76.6 114.8#
141 466.0 54.7 82.1#

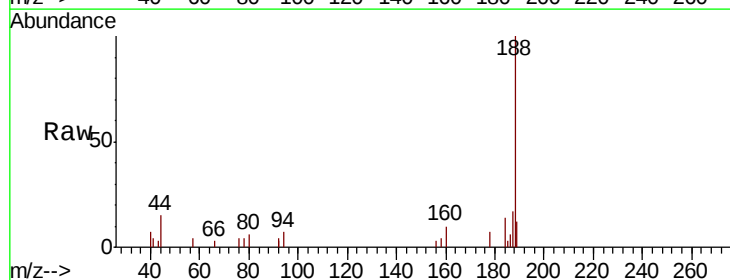


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

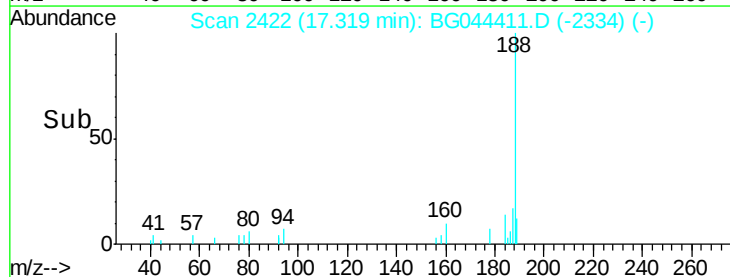
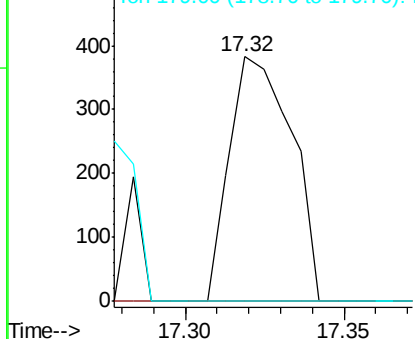


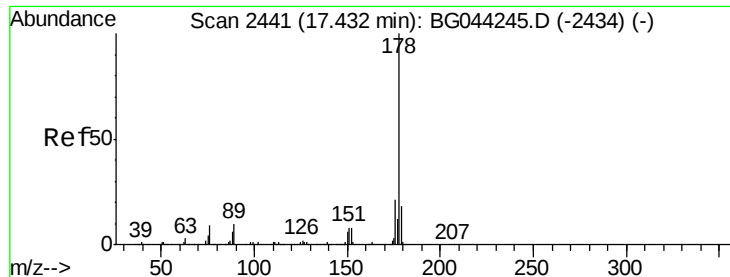
#71
Phenanthrene
Concen: 0.021 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion:178 Resp: 519
Ion Ratio Lower Upper
178 100
176 0.0 17.7 26.5#
179 0.0 13.7 20.5#



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





#72

Anthracene

Concen: 0.010 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

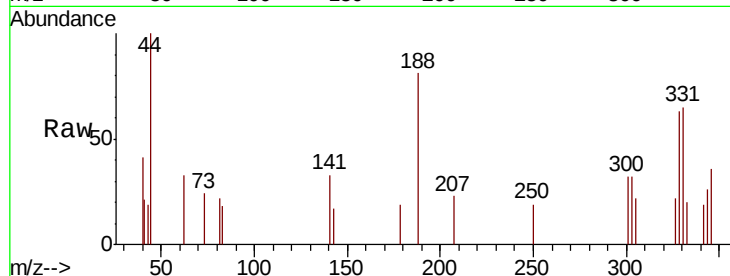
Tot Ion:178 Resp: 228

Ion Ratio Lower Upper

178 100

176 0.0 17.0 25.4#

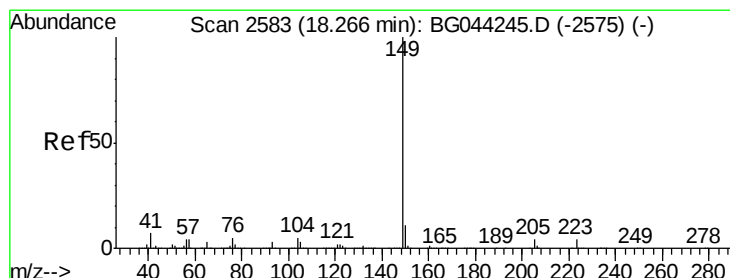
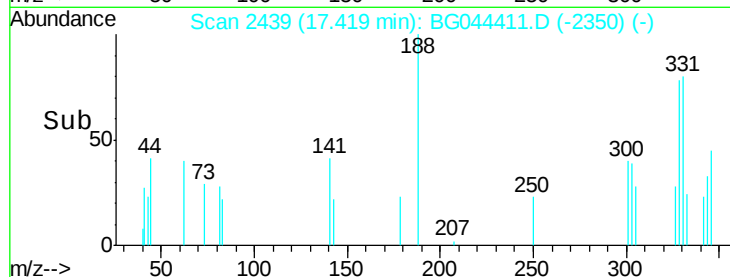
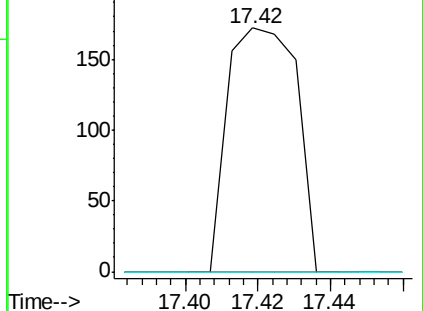
179 0.0 14.4 21.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.027 ng

RT: 18.25 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

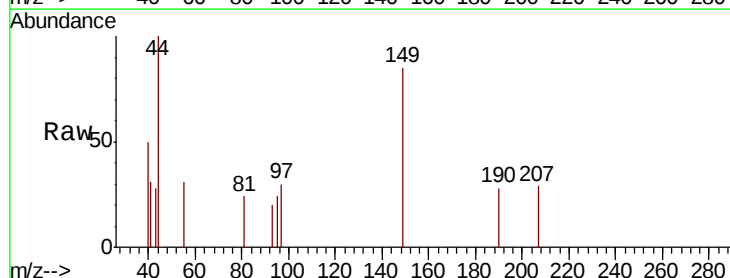
Tgt Ion:149 Resp: 732

Ion Ratio Lower Upper

149 100

150 0.0 8.7 13.1#

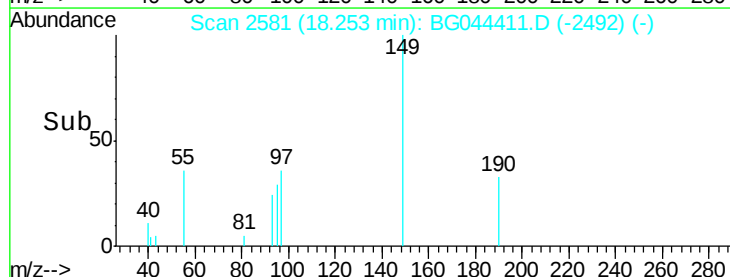
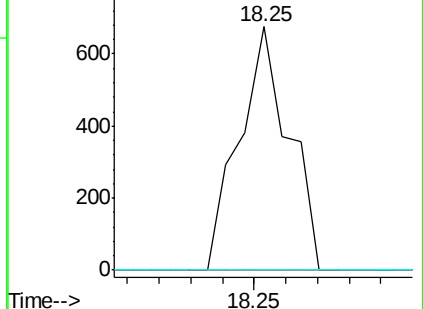
104 0.0 4.3 6.5#

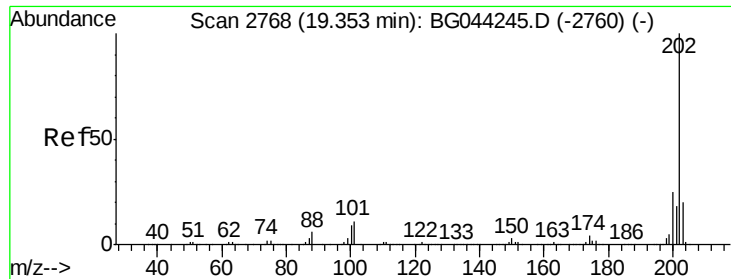


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

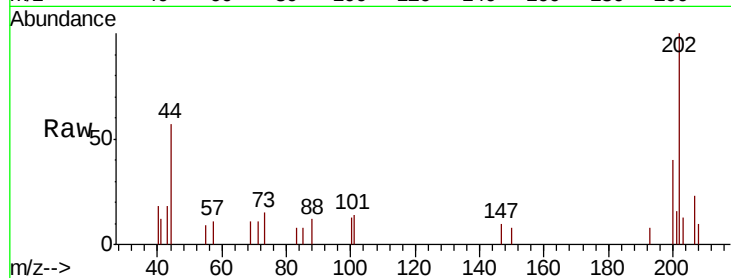




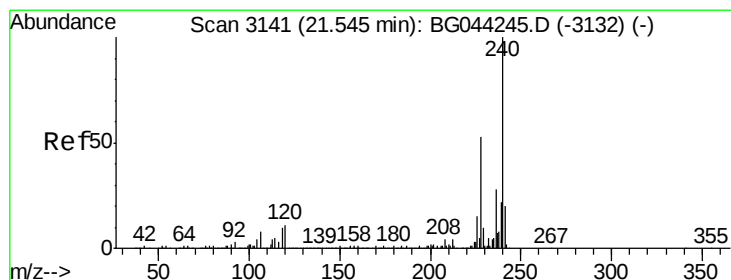
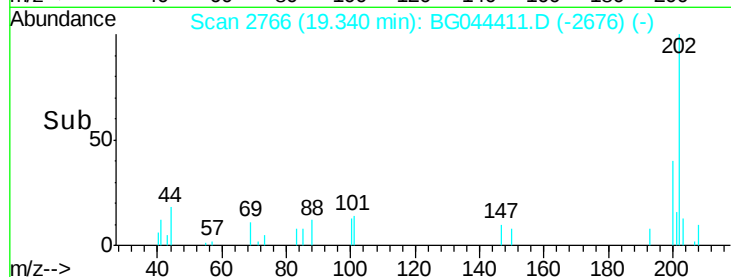
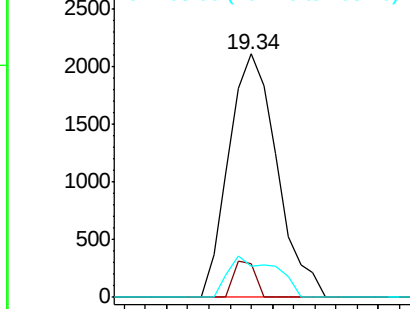
#75
 Fluoranthene
 Concen: 0.119 ng
 RT: 19.34 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	31.3
203	12.8	0.0	39.9

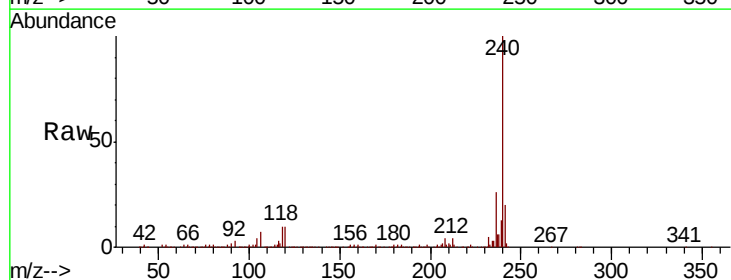


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

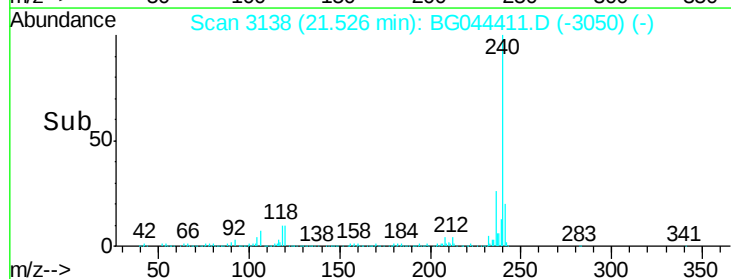
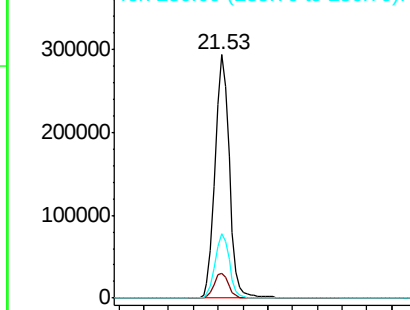


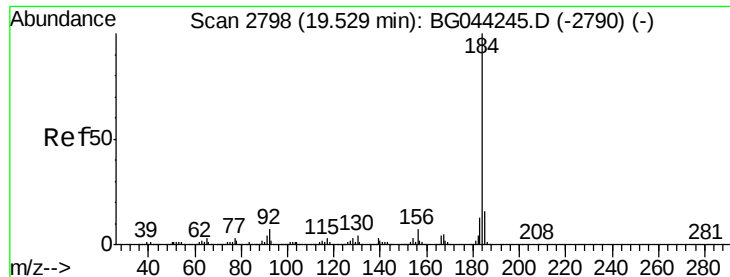
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	26.3	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: 1.579 ng

RT: 19.90 min Scan# 2861

Delta R.T. 0.38 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

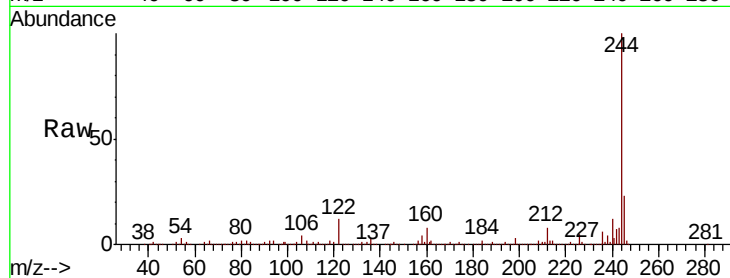
Tot Ion:184 Resp: 20648

Ion Ratio Lower Upper

184 100

185 17.0 12.9 19.3

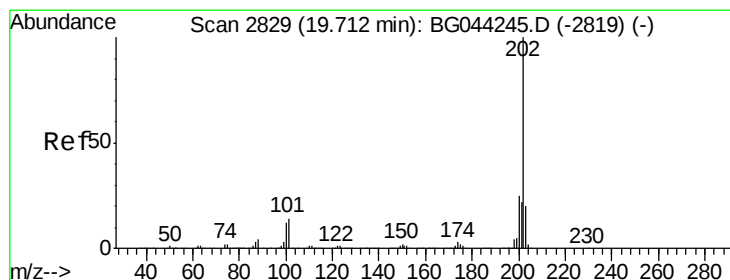
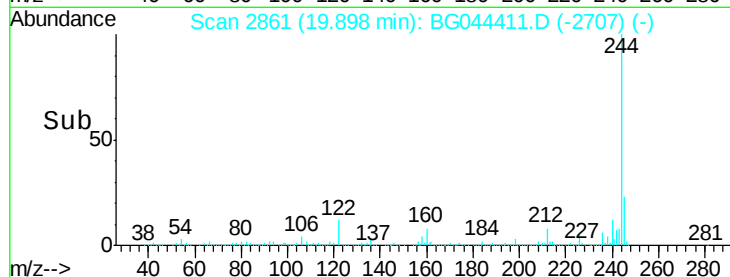
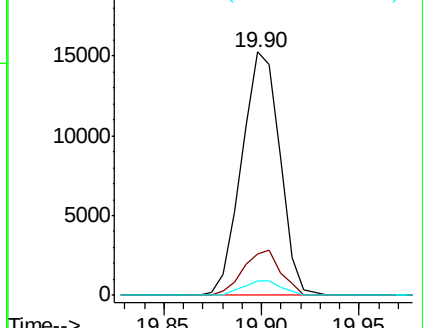
183 5.9 10.8 16.2#



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

Pyrene

Concen: 0.102 ng

RT: 19.70 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

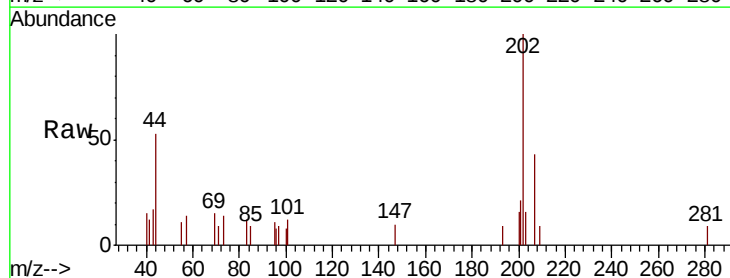
Tgt Ion:202 Resp: 3091

Ion Ratio Lower Upper

202 100

200 16.0 20.0 30.0#

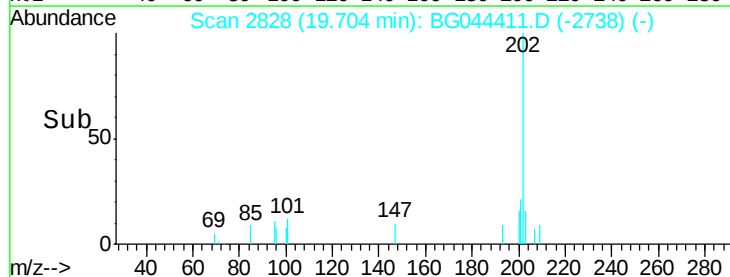
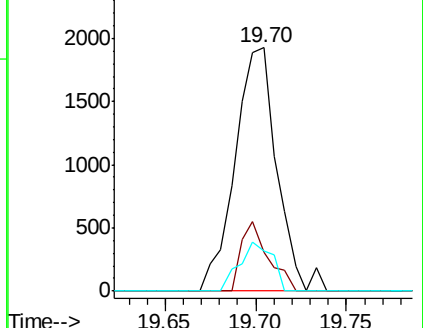
203 16.3 16.2 24.2

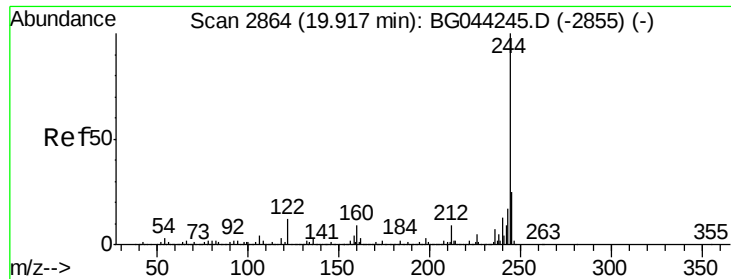


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

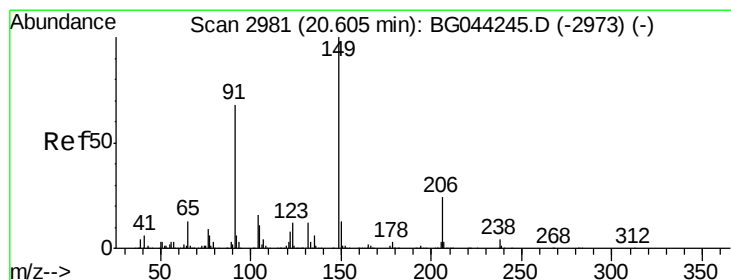
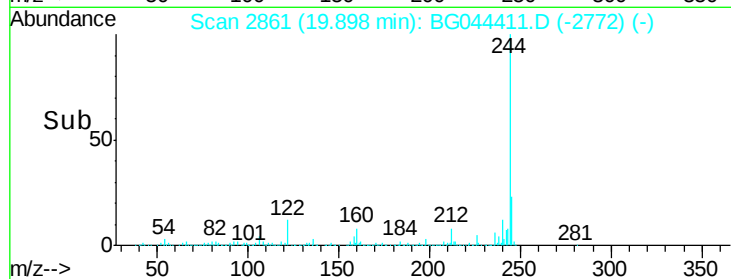
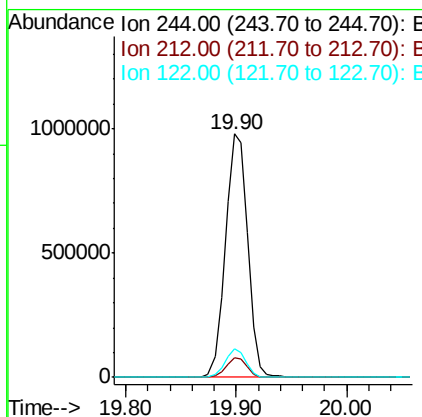
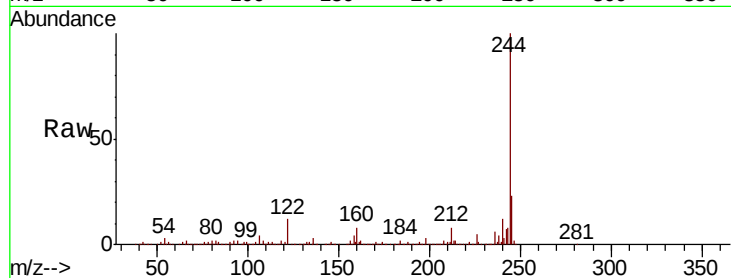




#79
 Terphenyl-d14
 Concen: 60.390 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

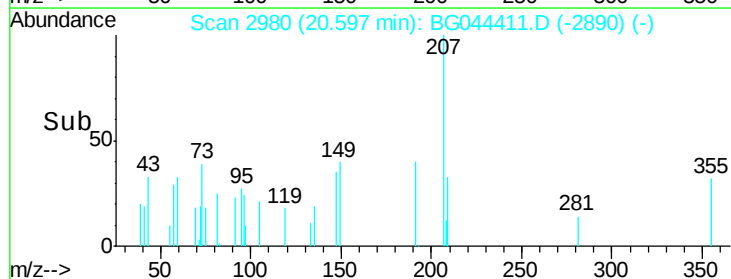
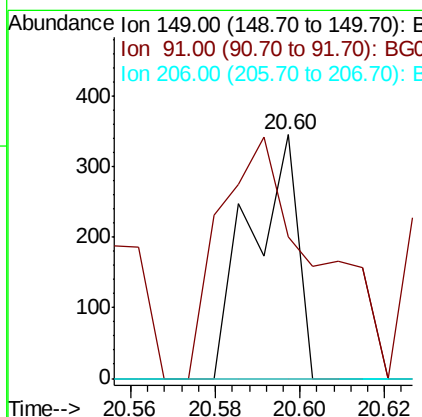
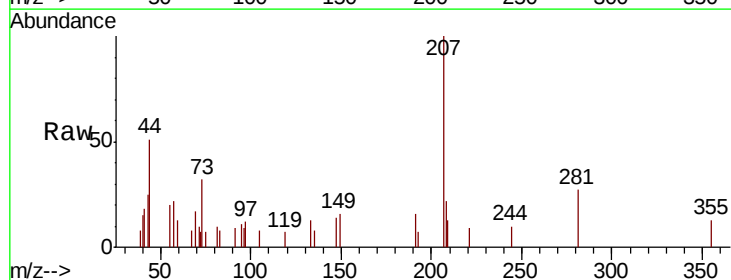
Instrument :
 BNA_G
 ClientSampled :

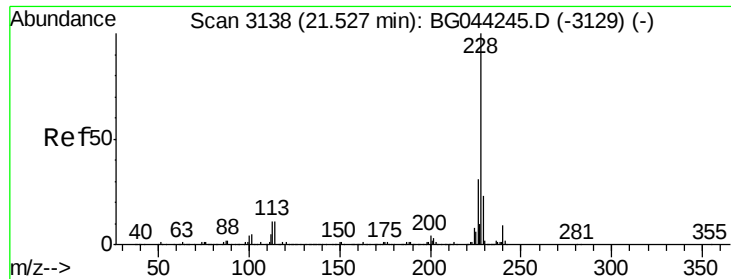
Tot Ion:244 Resp: 1383853
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.4 11.2
 122 11.7 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 0.020 ng
 RT: 20.60 min Scan# 2980
 Delta R.T. 0.00 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Tgt Ion:149 Resp: 270
 Ion Ratio Lower Upper
 149 100
 91 58.3 54.5 81.7
 206 0.0 19.1 28.7#

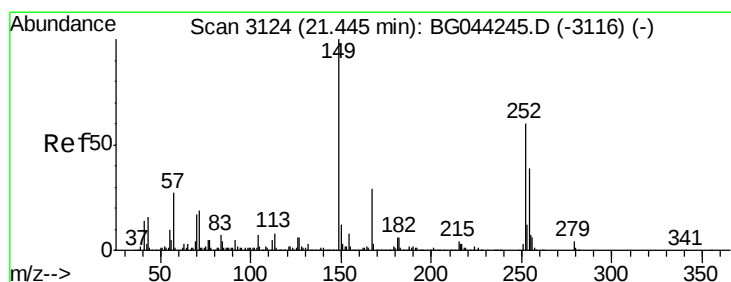
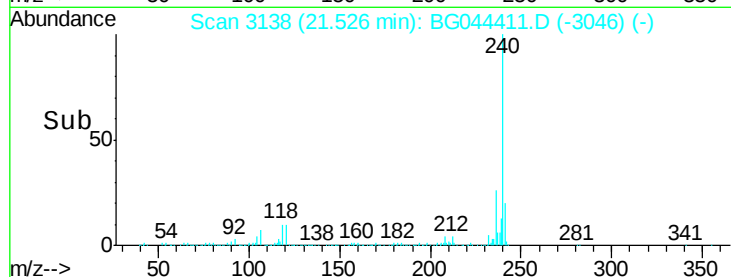
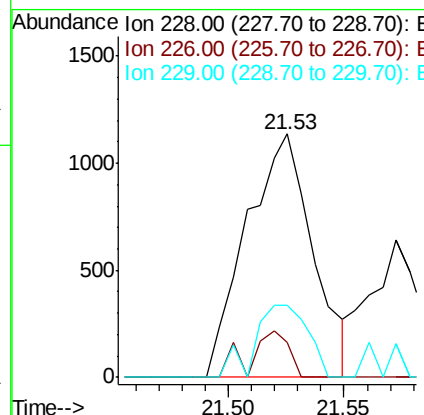
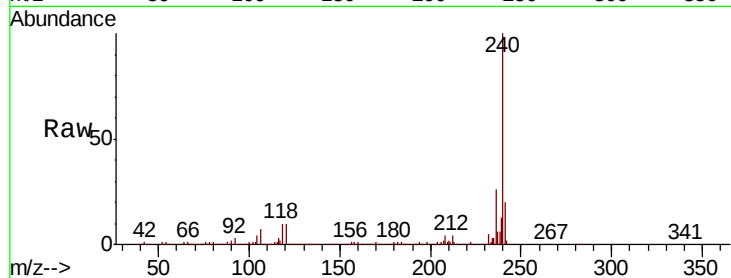




#81
Benzo(a)anthracene
Concen: 0.078 ng
RT: 21.53 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

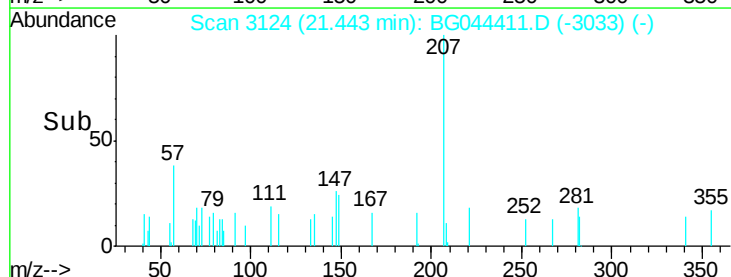
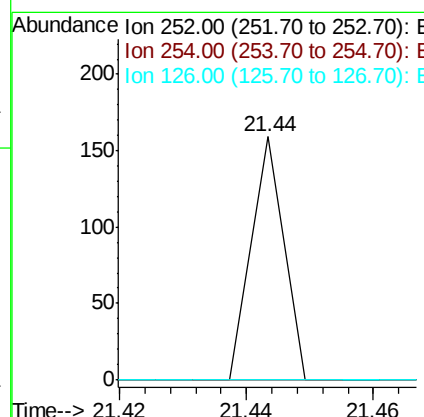
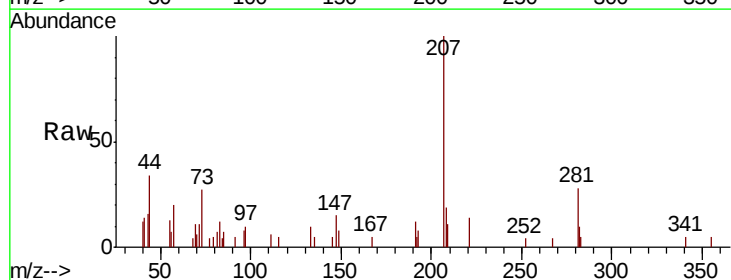
Instrument :
BNA_G
ClientSampleId :

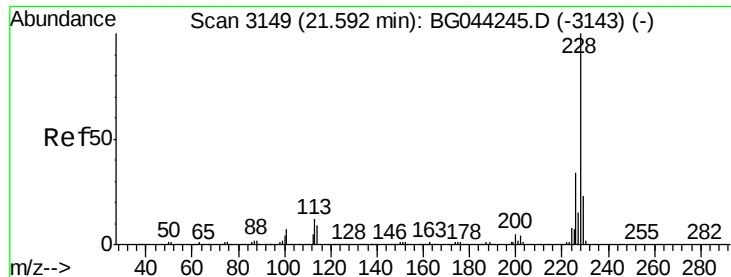
Tot Ion:228 Resp: 2273
Ion Ratio Lower Upper
228 100
226 14.4 24.7 37.1#
229 29.4 18.2 27.4#



#82
3,3'-Dichlorobenzidine
Concen: 0.005 ng
RT: 21.44 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion:252 Resp: 56
Ion Ratio Lower Upper
252 100
254 0.0 52.6 78.8#
126 0.0 8.2 12.4#

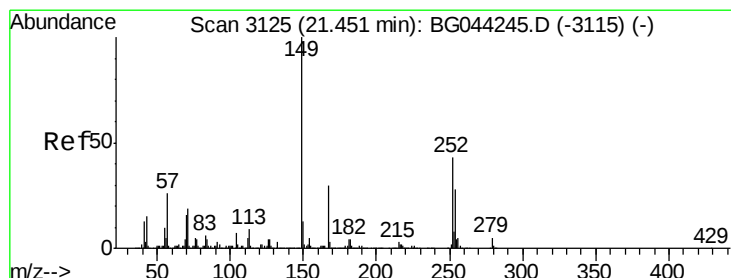
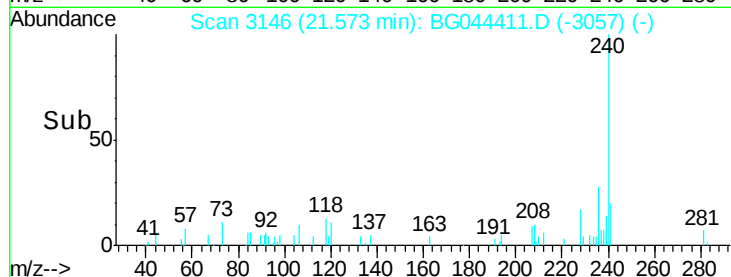
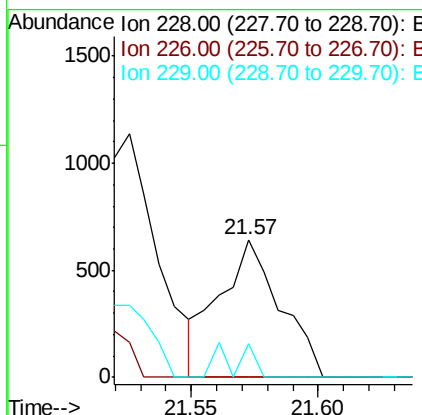
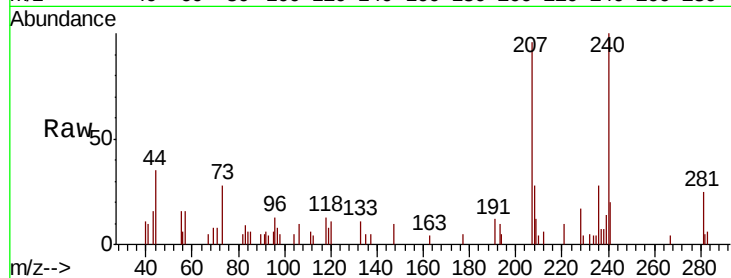




#83
 Chrvsene
 Concen: 0.038 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

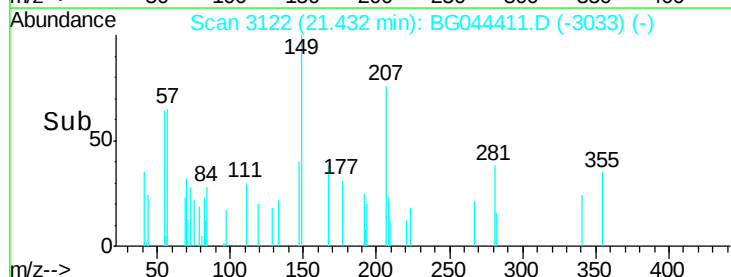
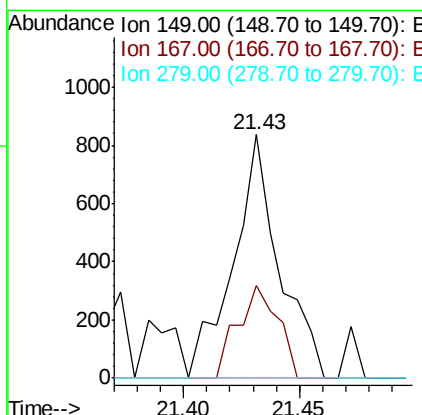
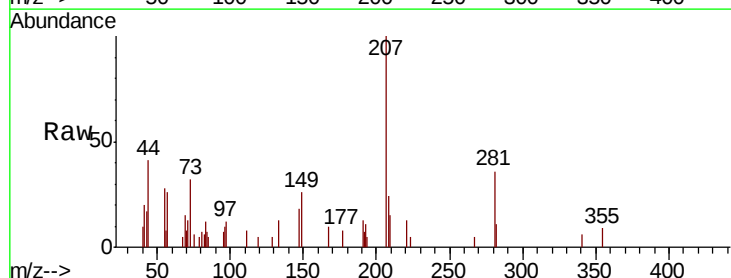
Instrument :
 BNA_G
 ClientSampleId :

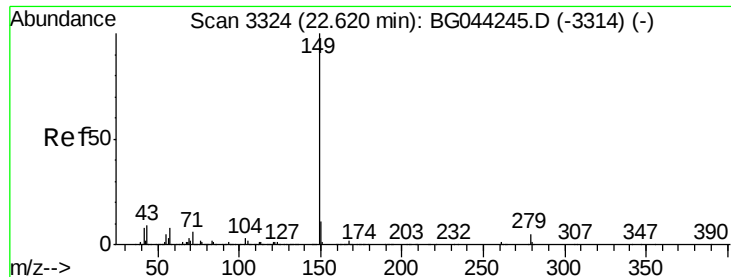
Tot Ion:228 Resp: 1073
 Ion Ratio Lower Upper
 228 100
 226 0.0 27.1 40.7#
 229 24.5 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.43 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG044411.D
 Acq: 12 Feb 2020 16:30

Tgt Ion:149 Resp: 1164
 Ion Ratio Lower Upper
 149 100
 167 37.9 24.0 36.0#
 279 0.0 3.8 5.8#





#85

Di-n-octyl phthalate

Concen: 0.036 ng

RT: 22.59 min Scan# 3319

Delta R.T. -0.02 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

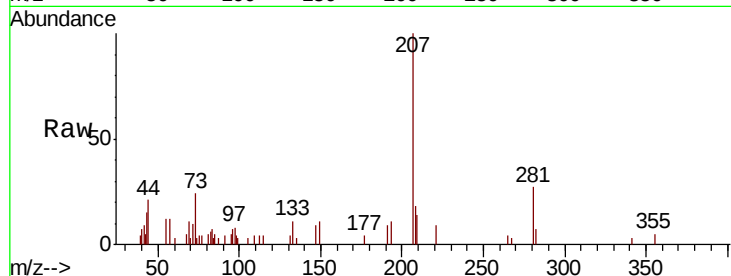
Tot Ion:149 Resp: 1182

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

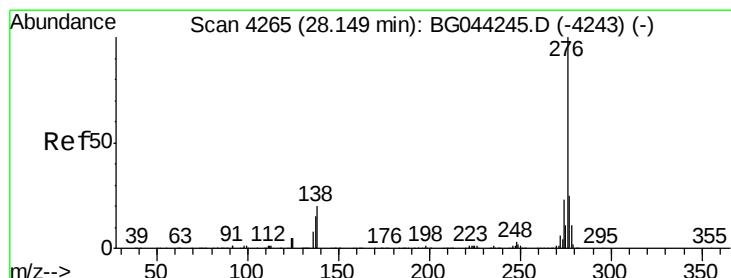
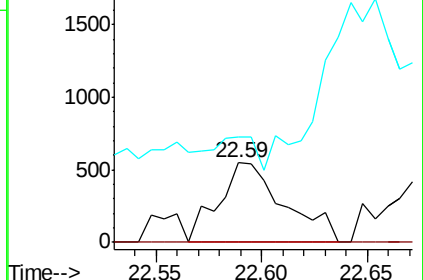
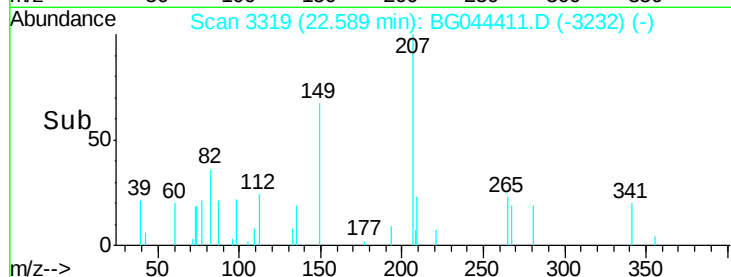
43 0.0 7.4 11.0#



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.09 min Scan# 4256

Delta R.T. -0.02 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

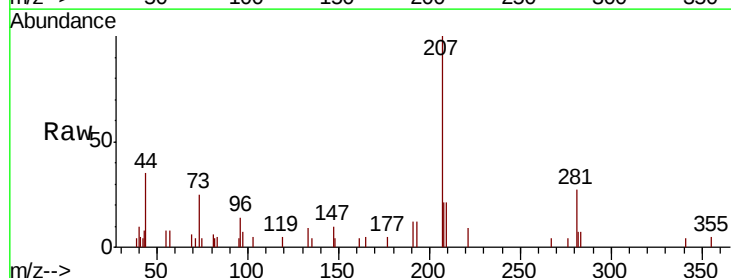
Tgt Ion:276 Resp: 57

Ion Ratio Lower Upper

276 100

138 0.0 19.4 29.0#

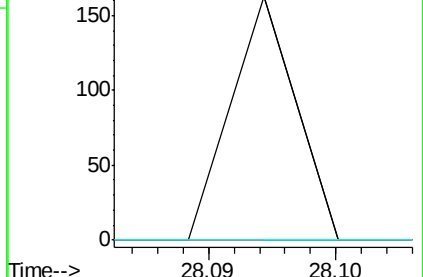
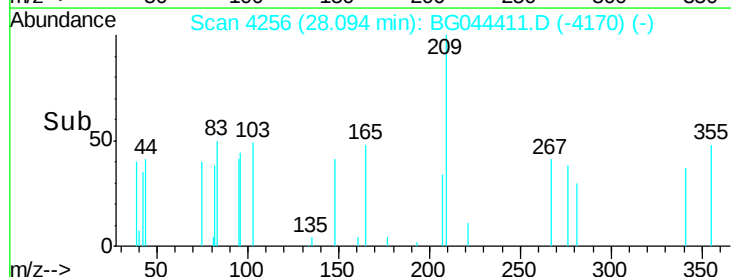
277 0.0 21.0 31.6#

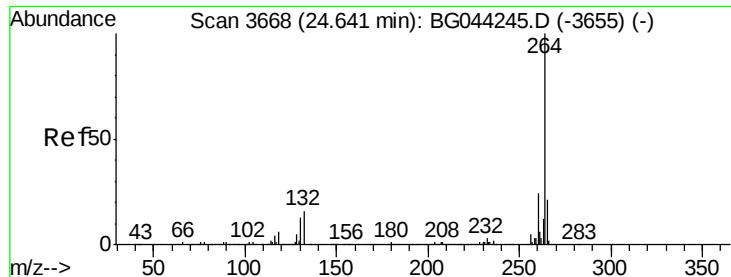


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

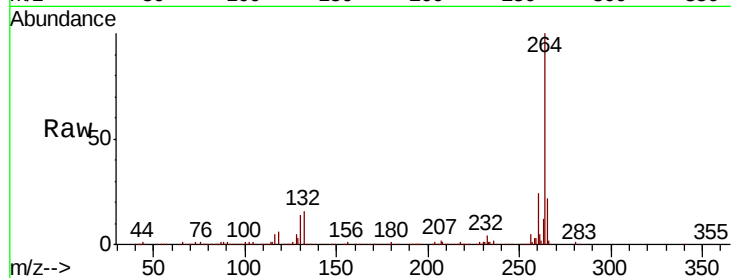
Tot Ion:264 Resp: 484035

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

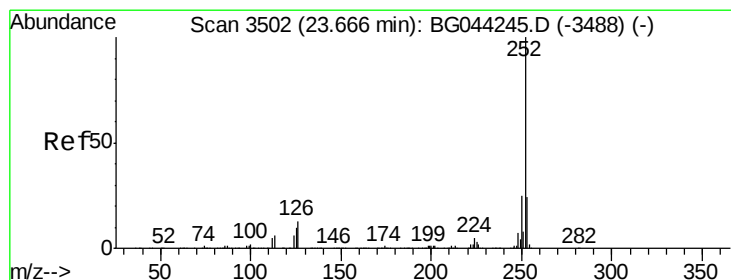
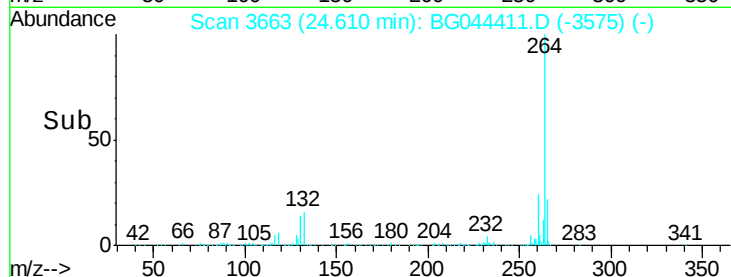
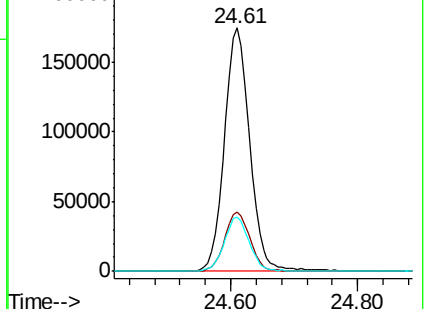
265 22.4 16.7 25.1



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: 0.042 ng

RT: 23.64 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

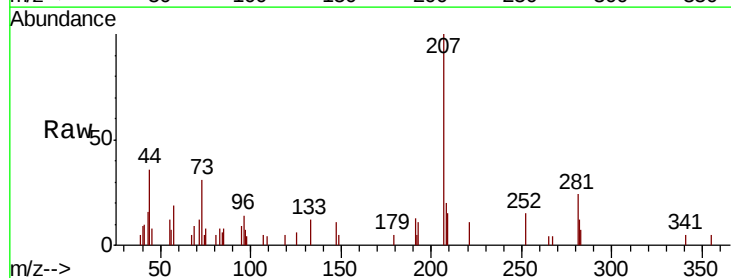
Tgt Ion:252 Resp: 1181

Ion Ratio Lower Upper

252 100

253 0.0 19.2 28.8#

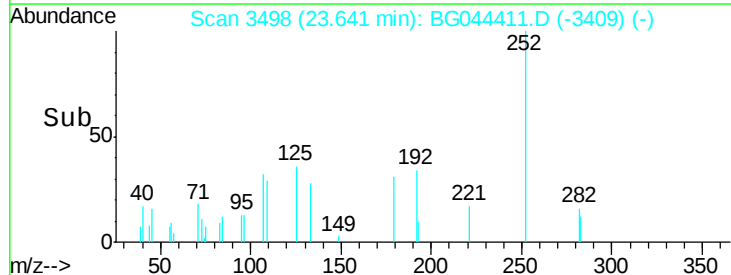
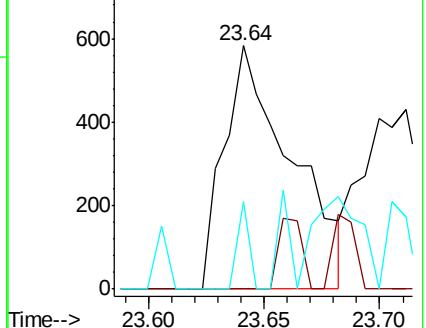
125 35.8 8.4 12.6#

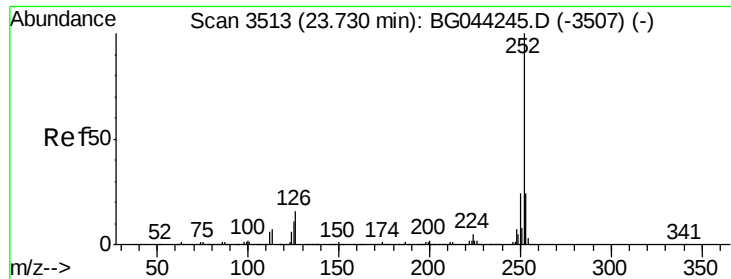


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

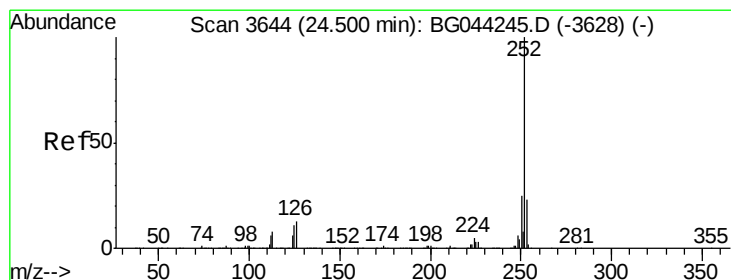
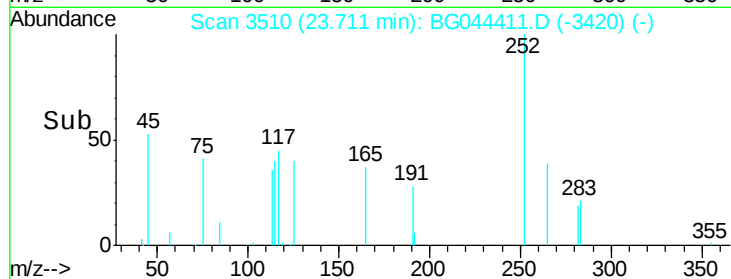
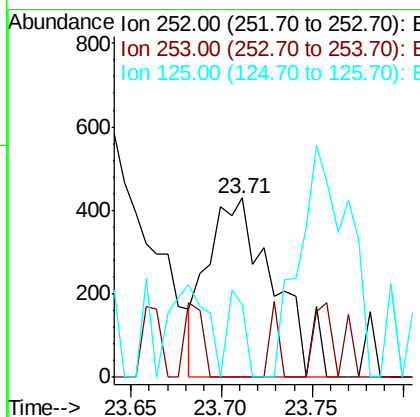
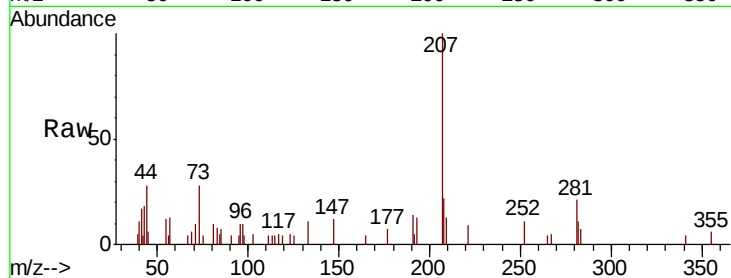




#89
Benzo(k)fluoranthene
Concen: 0.040 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

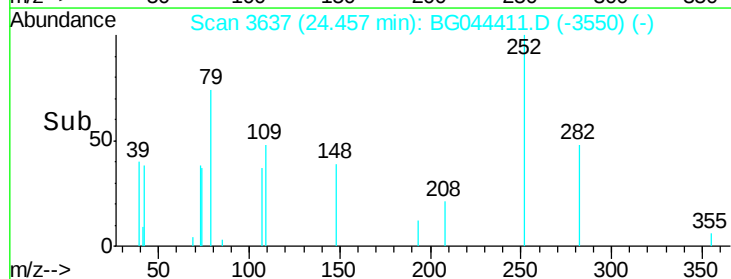
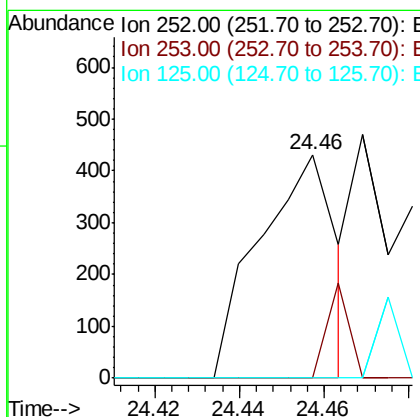
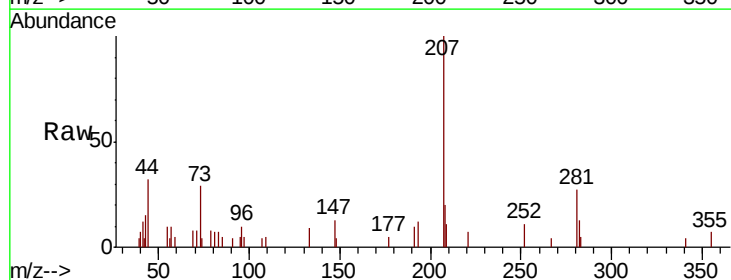
Instrument :
BNA_G
ClientSampleId :

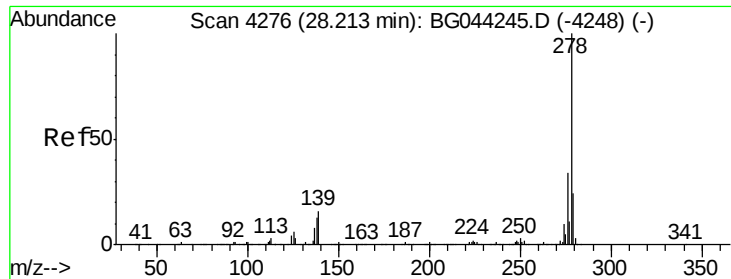
Tot Ion:252 Resp: 1090
Ion Ratio Lower Upper
252 100
253 0.0 19.1 28.7#
125 40.3 8.6 12.8#



#90
Benzo(a)pyrene
Concen: 0.021 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.02 min
Lab File: BG044411.D
Acq: 12 Feb 2020 16:30

Tgt Ion:252 Resp: 541
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 8.6 13.0#





#91

Dibenzo(a,h)anthracene

Concen: 0.007 ng

RT: 28.19 min Scan# 4273

Delta R.T. 0.02 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

Instrument :

BNA_G

ClientSampleId :

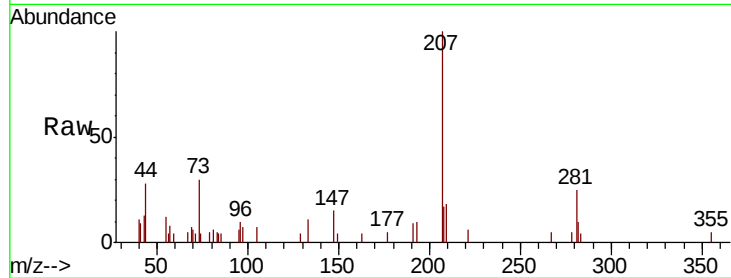
Tot Ion:278 Resp: 182

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

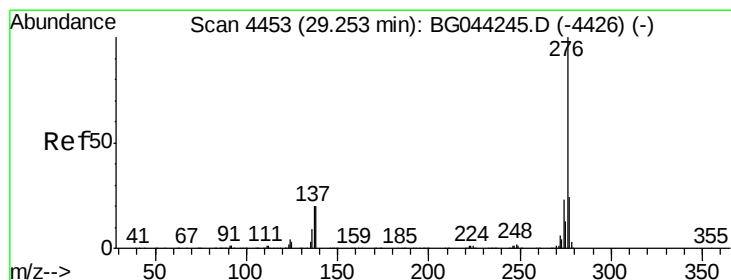
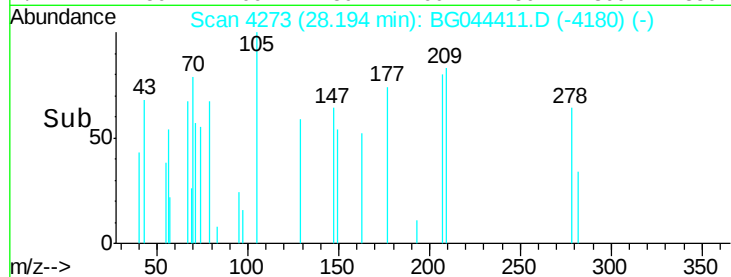
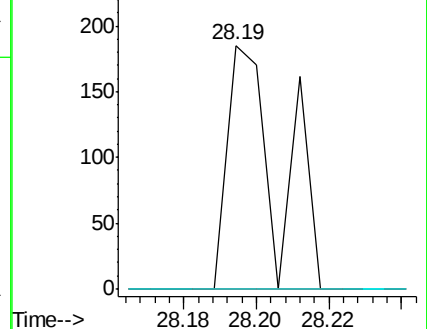
279 0.0 19.3 28.9#



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(g,h,i)perylene

Concen: 0.004 ng

RT: 29.15 min Scan# 4435

Delta R.T. -0.06 min

Lab File: BG044411.D

Acq: 12 Feb 2020 16:30

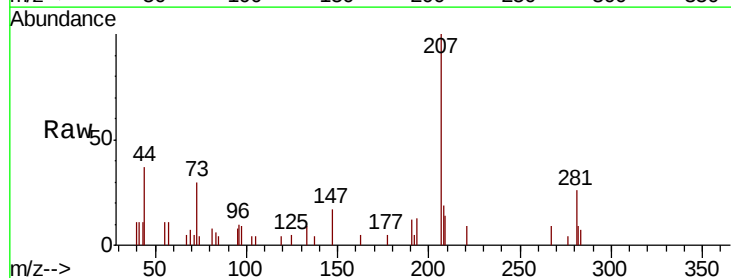
Tgt Ion:276 Resp: 110

Ion Ratio Lower Upper

276 100

277 0.0 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

