

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
 Data File : BG061175.D
 Acq On : 13 May 2024 14:43
 Operator : MA/JU
 Sample : P2423-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-HH

Quant Time: May 13 15:32:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

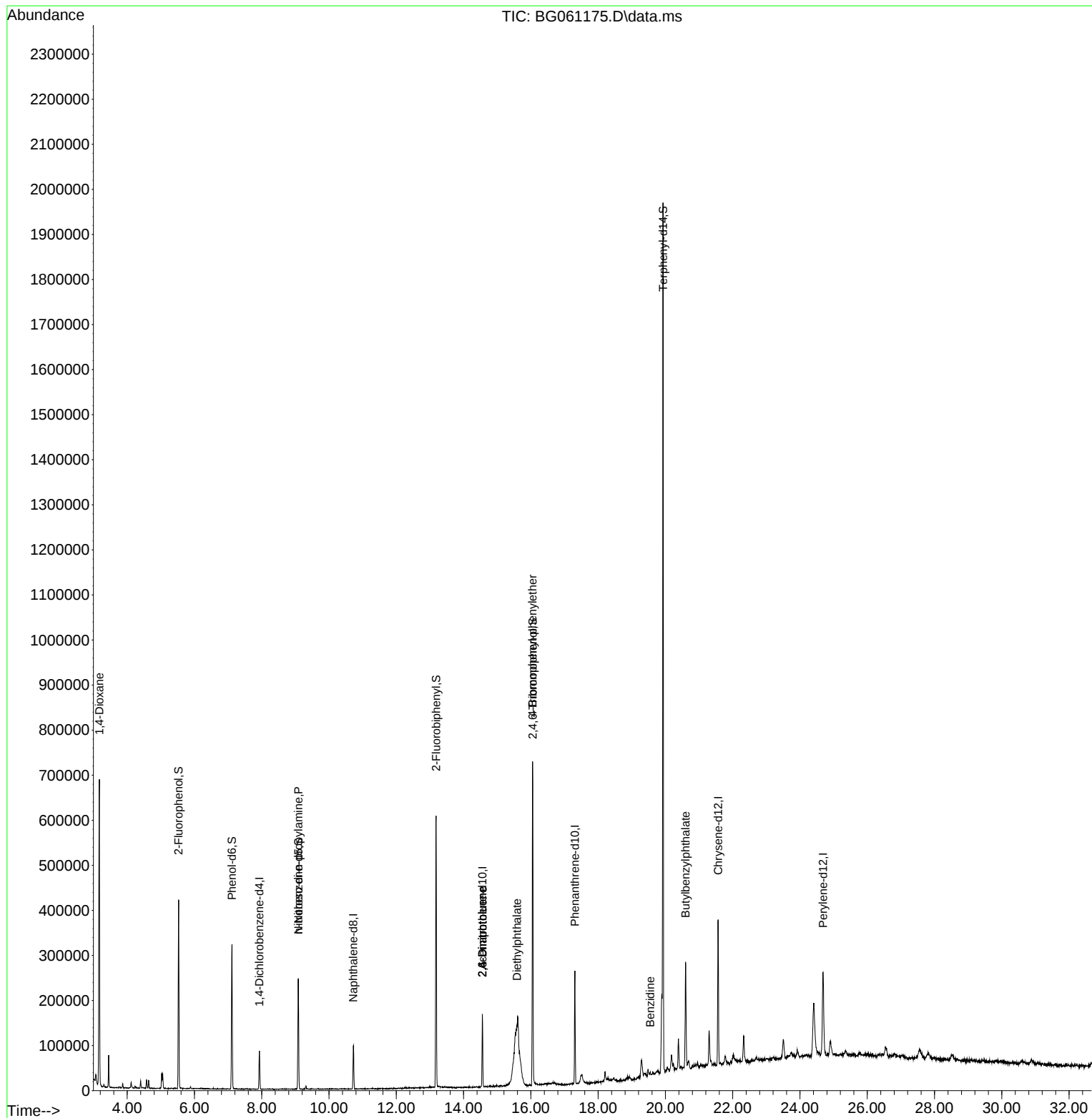
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	21292	20.000	ng	-0.03
21) Naphthalene-d8	10.721	136	75374	20.000	ng	-0.04
39) Acenaphthene-d10	14.557	164	58601	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	157626	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	188646	20.000	ng	-0.03
86) Perylene-d12	24.687	264	217128	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	138167	131.972	ng	-0.02
7) Phenol-d6	7.113	99	138688	89.548	ng	-0.02
23) Nitrobenzene-d5	9.087	82	124553	81.916	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	161674	138.026	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	320079	80.768	ng	-0.03
79) Terphenyl-d14	19.927	244	981149	86.500	ng	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.171	88	4917	11.616	ng	# 1
9) Benzaldehyde	7.113	77	406	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.087	70	18495	15.957	ng	# 66
51) 2,6-Dinitrotoluene	14.563	165	7542	7.790	ng	# 17
57) 2,4-Dinitrotoluene	14.563	165	7542	5.265	ng	# 19
60) Diethylphthalate	15.586	149	236129	51.733	ng	# 68
67) 4-Bromophenyl-phenylether	16.050	248	9727	5.238	ng	# 1
77) Benzidine	19.551	184	3517	3.718	ng	# 90
80) Butylbenzylphthalate	20.597	149	111524	29.376	ng	# 24

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

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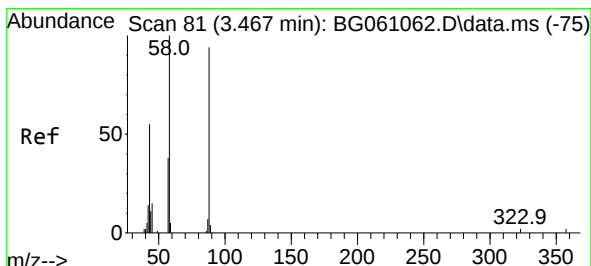
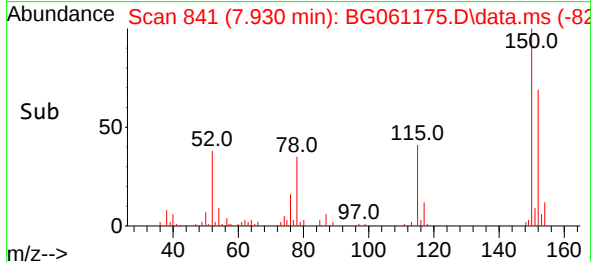
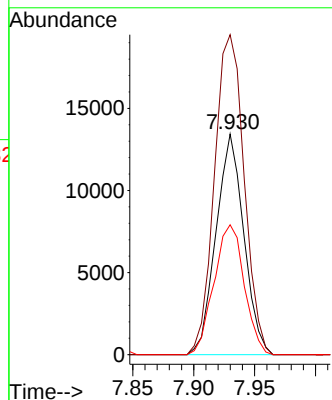
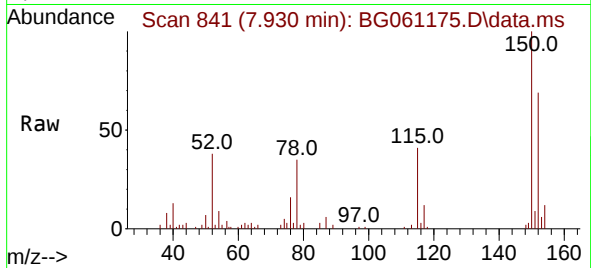




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.930 min Scan# 84
 Delta R.T. -0.031 min
 Lab File: BG061175.D
 Acq: 13 May 2024 14:43

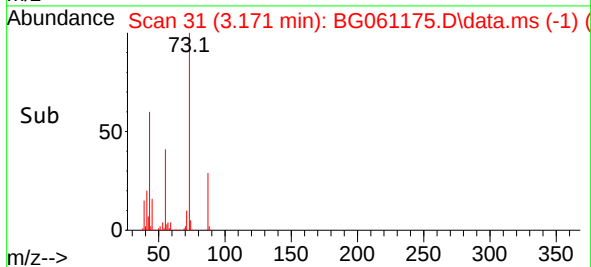
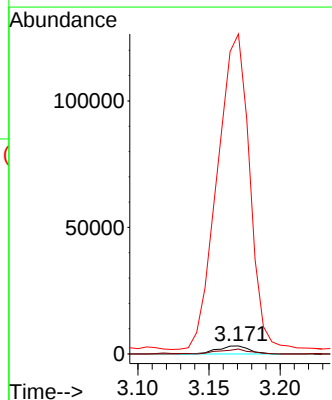
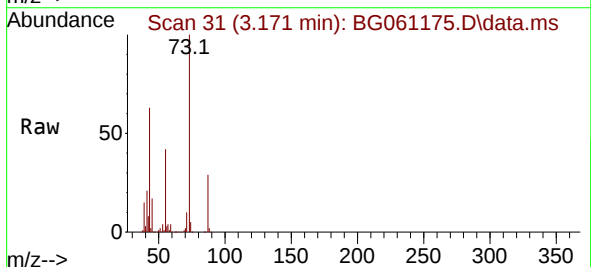
Instrument :
 BNA_G
 ClientSampleId :
 WC-HH

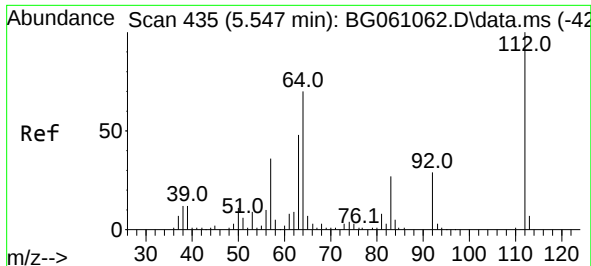
Tgt Ion:152 Resp: 21292
 Ion Ratio Lower Upper
 152 100
 150 145.0 138.3 207.5
 115 58.9 48.0 72.0



#2
 1,4-Dioxane
 Concen: 11.616 ng
 RT: 3.171 min Scan# 31
 Delta R.T. -0.296 min
 Lab File: BG061175.D
 Acq: 13 May 2024 14:43

Tgt Ion: 88 Resp: 4917
 Ion Ratio Lower Upper
 88 100
 58 59.0 81.2 121.8#
 43 4072.2 45.0 67.4#

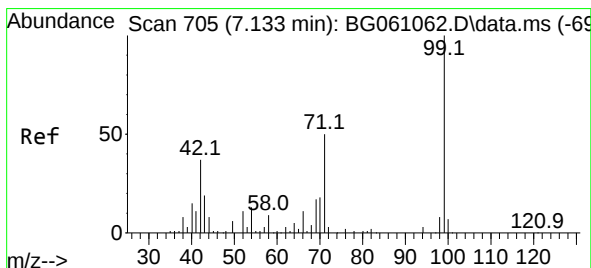
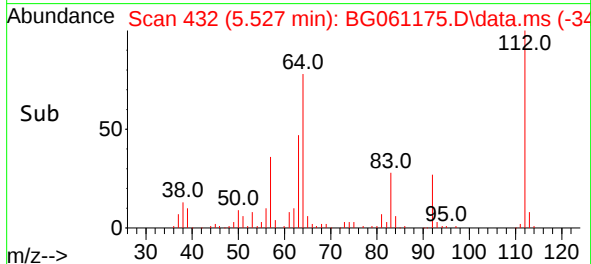
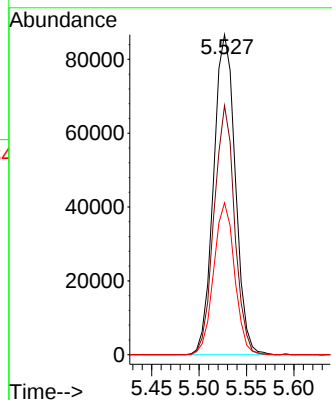
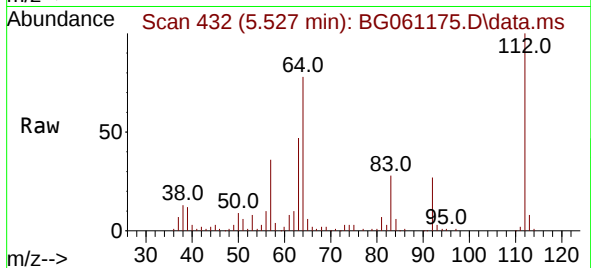




#5
2-Fluorophenol
Concen: 131.972 ng
RT: 5.527 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

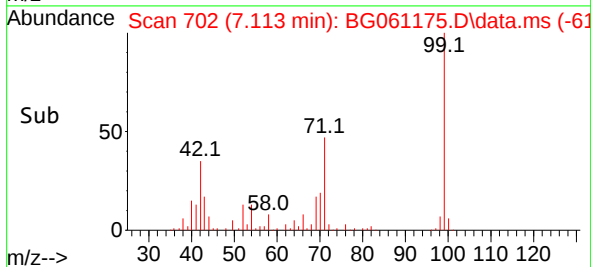
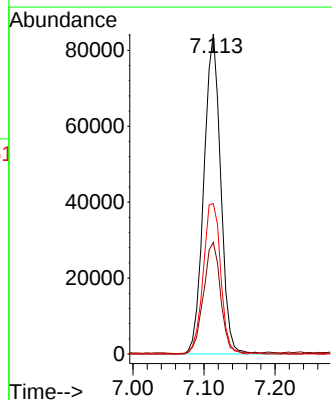
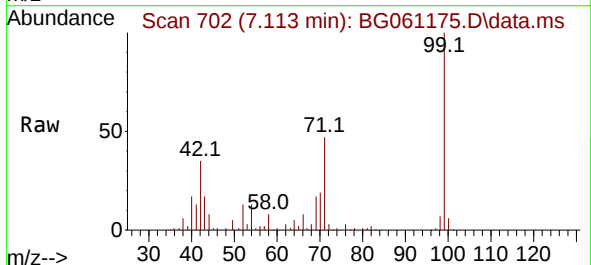
Instrument :
BNA_G
ClientSampleId :
WC-HH

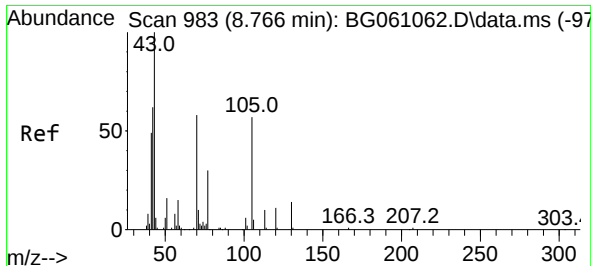
Tgt Ion:112 Resp: 138167
Ion Ratio Lower Upper
112 100
64 77.8 55.7 83.5
63 47.5 38.1 57.1



#7
Phenol-d6
Concen: 89.548 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.020 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

Tgt Ion: 99 Resp: 138688
Ion Ratio Lower Upper
99 100
42 34.8 29.2 43.8
71 47.0 39.7 59.5





#19

n-Nitroso-di-n-propylamine

Concen: 15.957 ng

RT: 9.087 min Scan# 1038

Delta R.T. 0.321 min

Lab File: BG061175.D

Acq: 13 May 2024 14:43

Instrument :

BNA_G

ClientSampleId :

WC-HH

Tgt Ion: 70 Resp: 18495

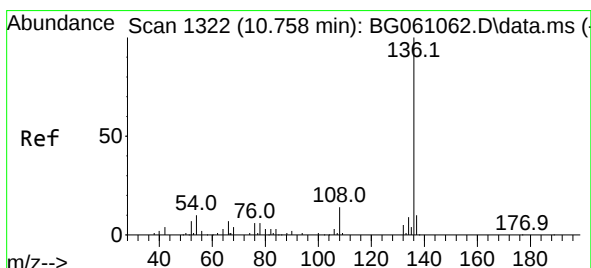
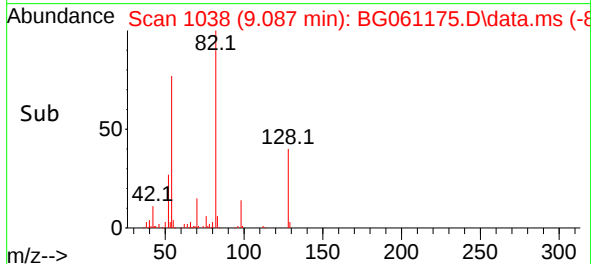
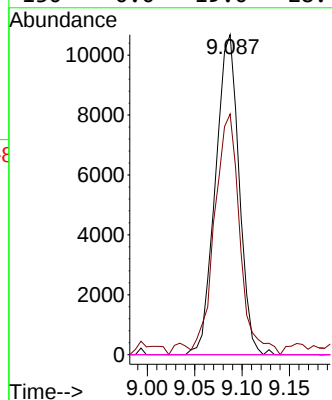
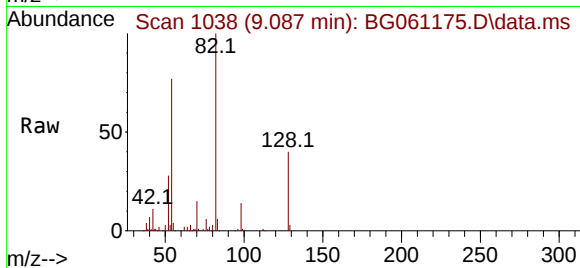
Ion Ratio Lower Upper

70 100

42 75.2 86.4 129.6#

101 0.0 7.8 11.8#

130 0.0 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.721 min Scan# 1316

Delta R.T. -0.037 min

Lab File: BG061175.D

Acq: 13 May 2024 14:43

Tgt Ion: 136 Resp: 75374

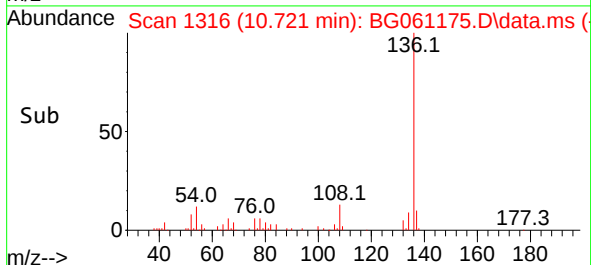
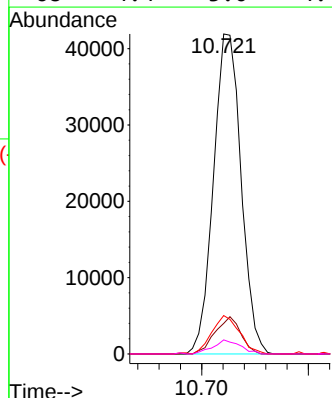
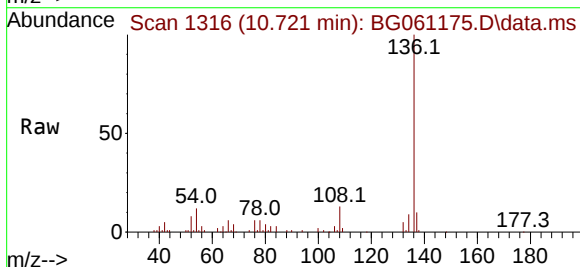
Ion Ratio Lower Upper

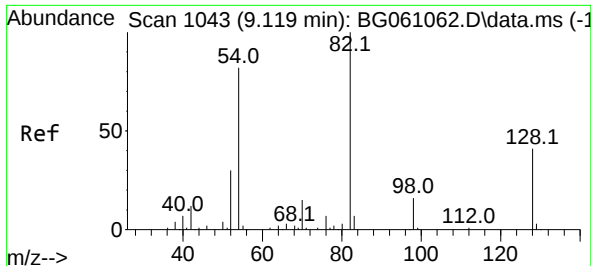
136 100

137 9.5 7.8 11.6

54 12.0 8.1 12.1

68 4.4 3.0 4.4





#23

Nitrobenzene-d5

Concen: 81.916 ng

RT: 9.087 min Scan# 1043

Delta R.T. -0.032 min

Lab File: BG061175.D

Acq: 13 May 2024 14:43

Instrument :

BNA_G

ClientSampleId :

WC-HH

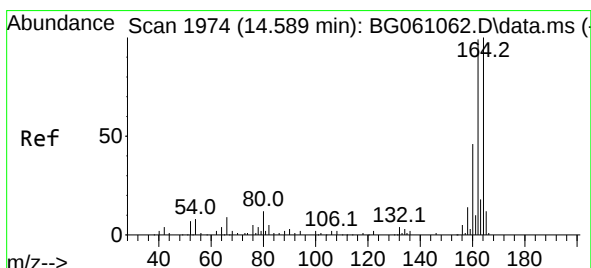
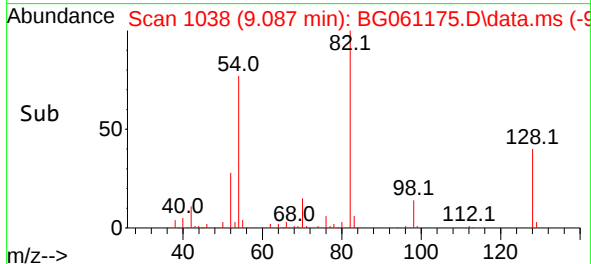
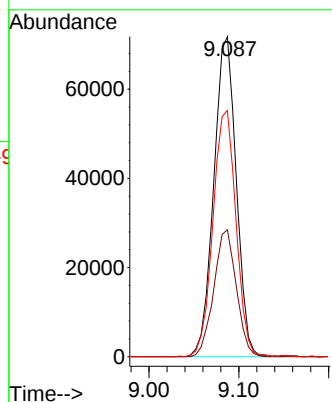
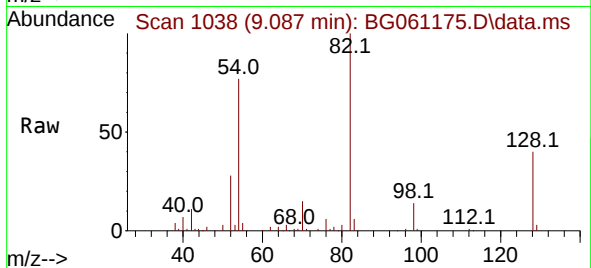
Tgt Ion: 82 Resp: 124553

Ion Ratio Lower Upper

82 100

128 39.7 32.7 49.1

54 77.0 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

Delta R.T. -0.032 min

Lab File: BG061175.D

Acq: 13 May 2024 14:43

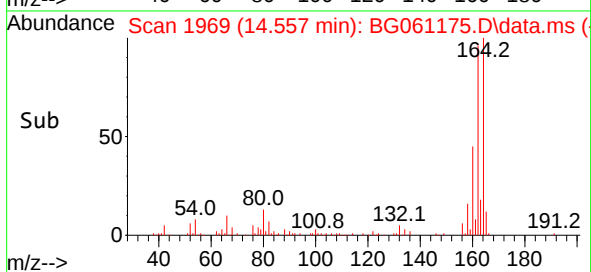
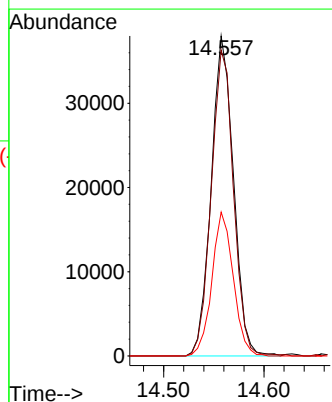
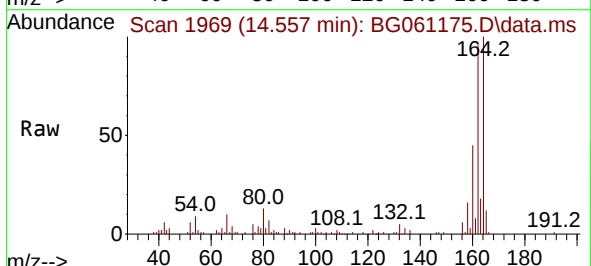
Tgt Ion:164 Resp: 58601

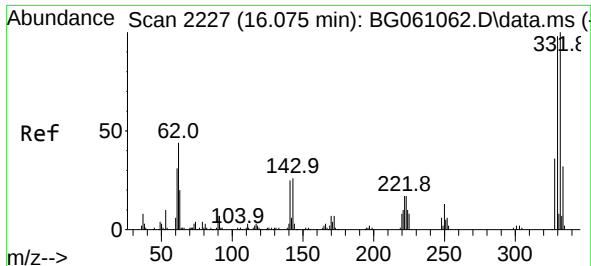
Ion Ratio Lower Upper

164 100

162 95.6 79.4 119.2

160 45.0 37.0 55.6

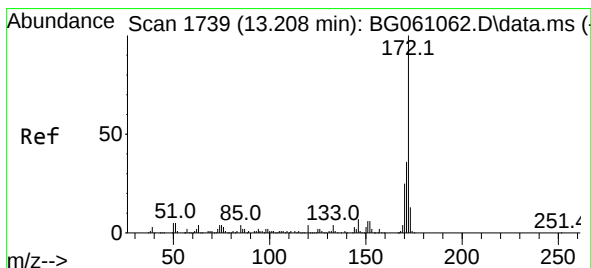
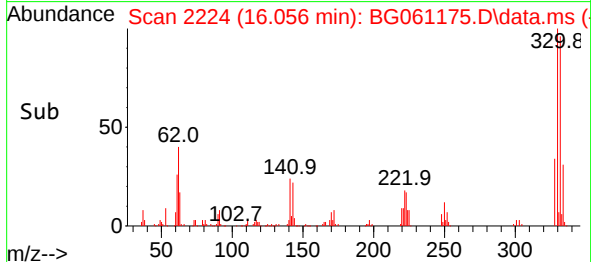
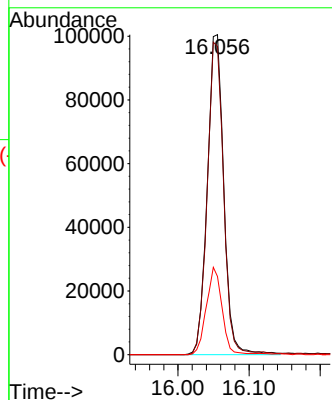
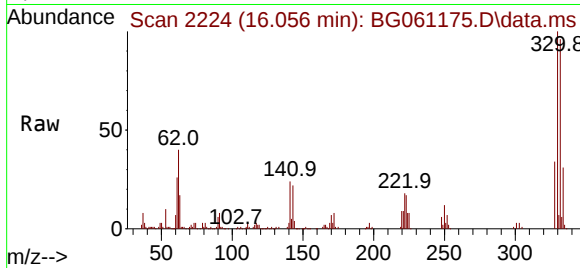




#42
2,4,6-Tribromophenol
Concen: 138.026 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

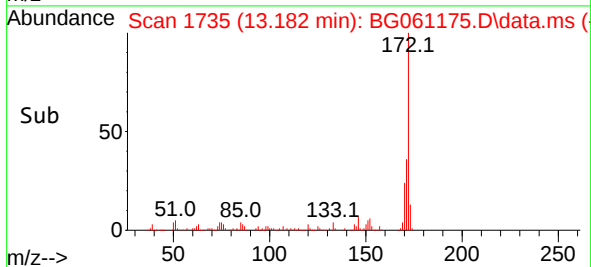
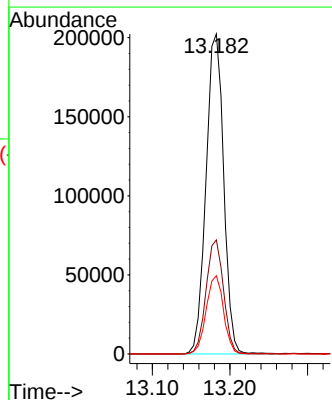
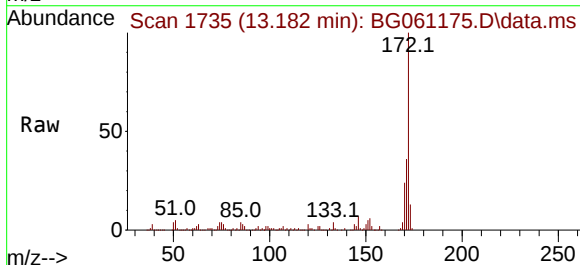
Instrument :
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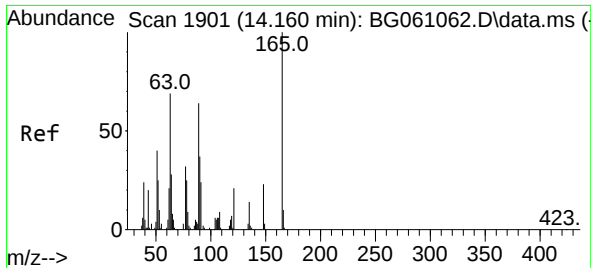
Tgt Ion:330 Resp: 161674
Ion Ratio Lower Upper
330 100
332 97.1 78.6 117.8
141 25.9 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 80.768 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

Tgt Ion:172 Resp: 320079
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 24.4 20.2 30.4

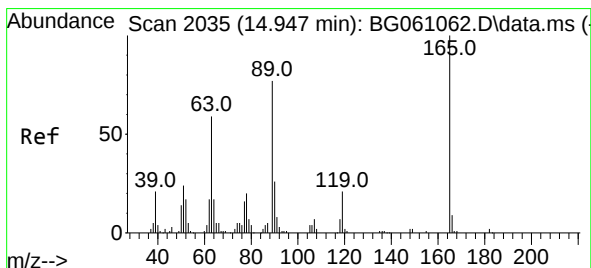
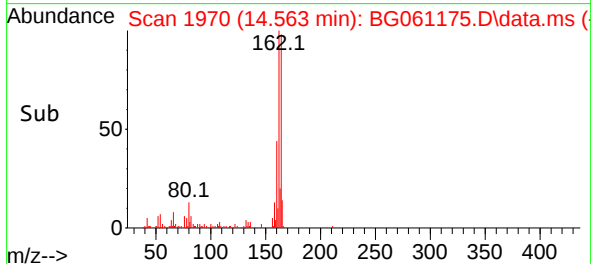
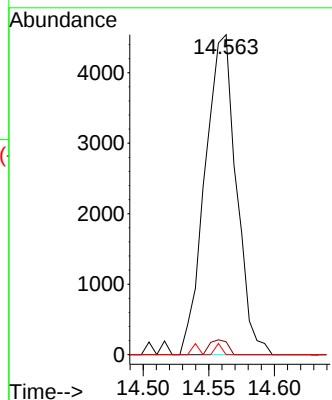
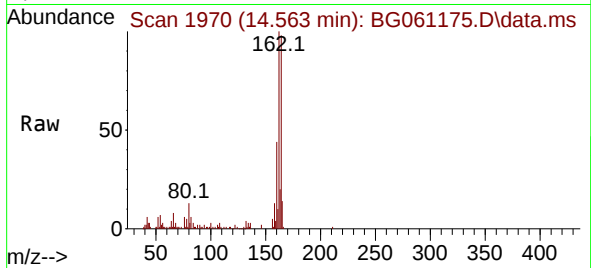




#51
2,6-Dinitrotoluene
Concen: 7.790 ng
RT: 14.563 min Scan# 1901
Delta R.T. 0.403 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

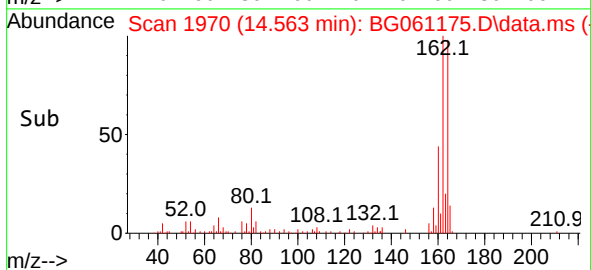
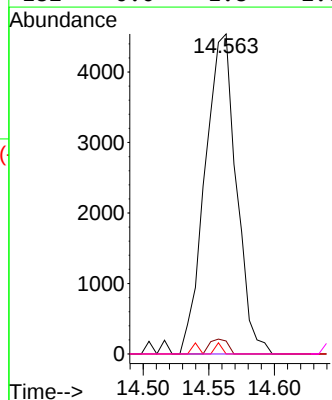
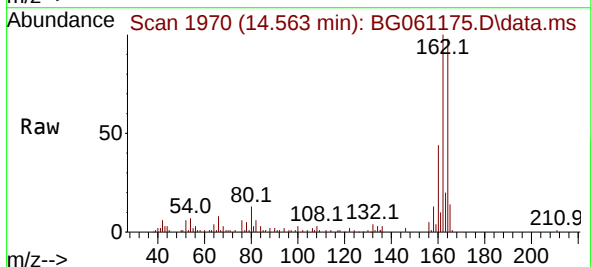
Instrument :
BNA_G
ClientSampleId :
WC-HH

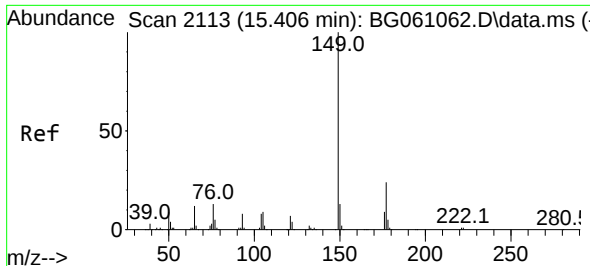
Tgt Ion:165 Resp: 7542
Ion Ratio Lower Upper
165 100
63 4.0 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.265 ng
RT: 14.563 min Scan# 1970
Delta R.T. -0.384 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

Tgt Ion:165 Resp: 7542
Ion Ratio Lower Upper
165 100
63 4.0 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#

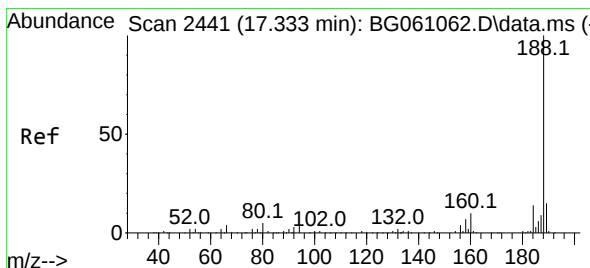
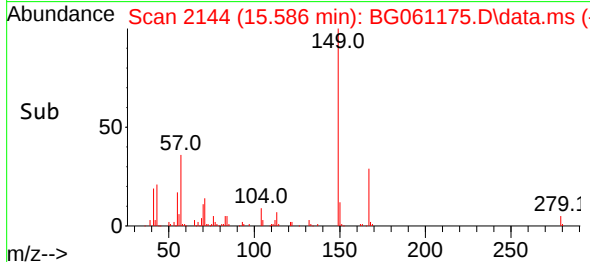
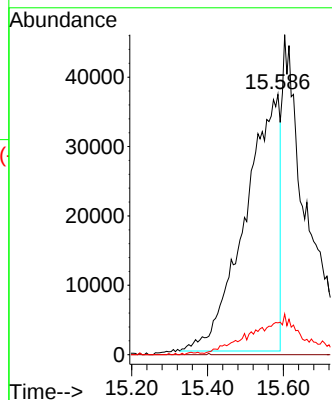
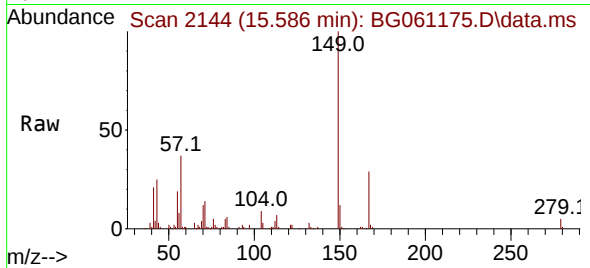




#60
Diethylphthalate
Concen: 51.733 ng
RT: 15.586 min Scan# 2113
Delta R.T. 0.180 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

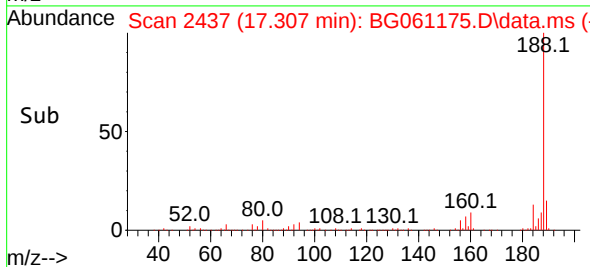
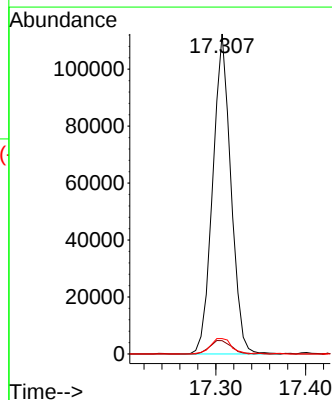
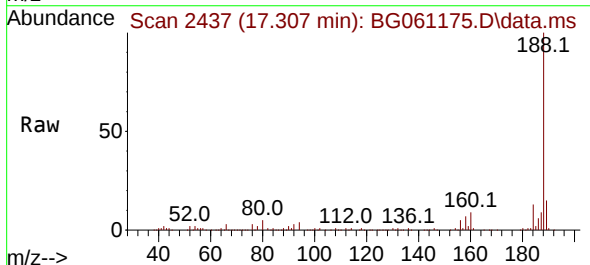
Instrument :
BNA_G
ClientSampleId :
WC-HH

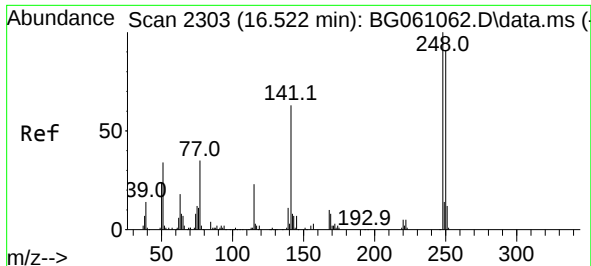
Tgt Ion:149 Resp: 236129
Ion Ratio Lower Upper
149 100
177 0.0 19.1 28.7#
150 12.2 10.6 16.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2437
Delta R.T. -0.026 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

Tgt Ion:188 Resp: 157626
Ion Ratio Lower Upper
188 100
94 4.1 3.6 5.4
80 4.8 4.2 6.2

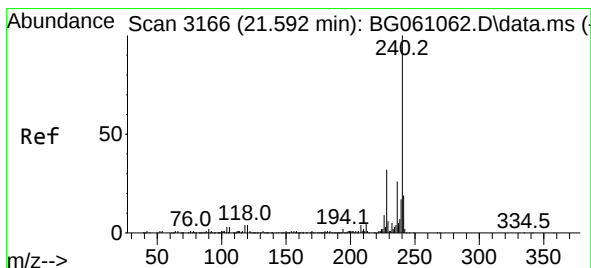
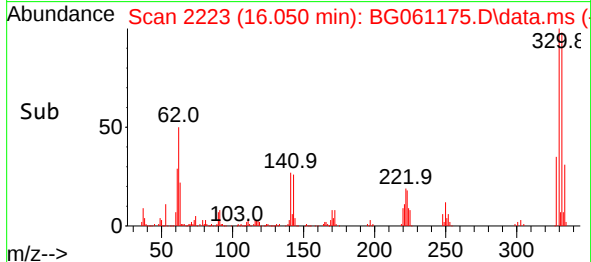
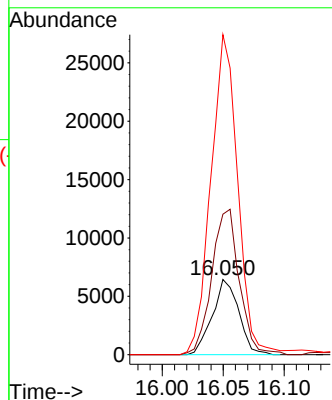
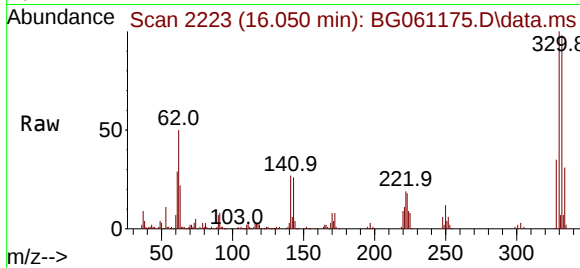




#67
4-Bromophenyl-phenylether
Concen: 5.238 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.472 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

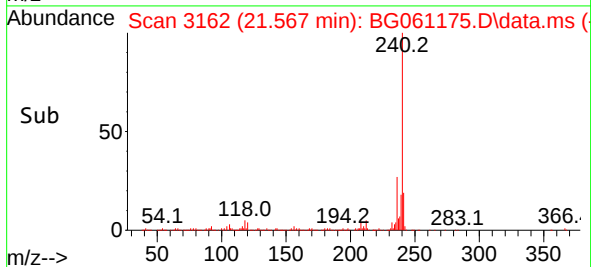
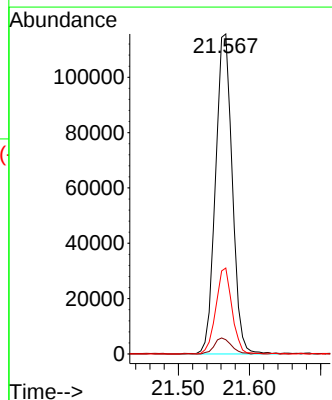
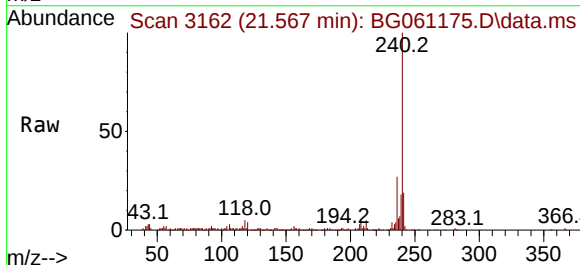
Instrument :
BNA_G
ClientSampleId :
WC-HH

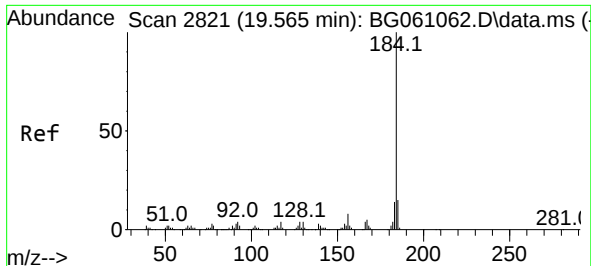
Tgt Ion:248 Resp: 9727
Ion Ratio Lower Upper
248 100
250 186.7 73.0 109.4#
141 425.2 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

Tgt Ion:240 Resp: 188646
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 26.8 21.0 31.6

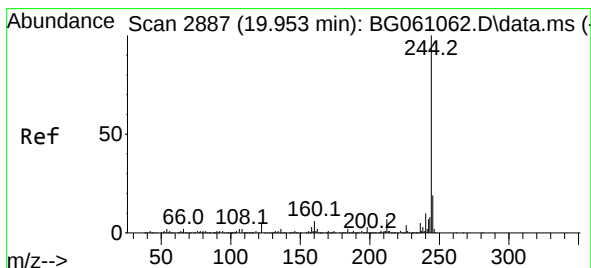
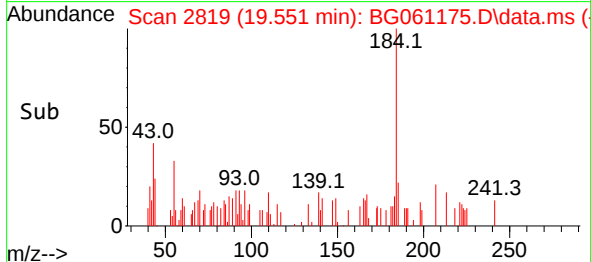
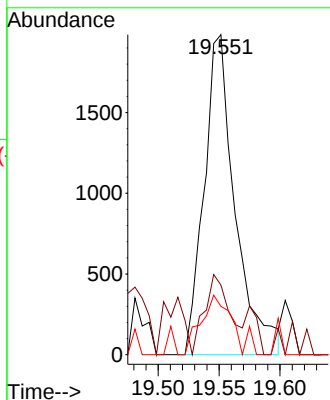
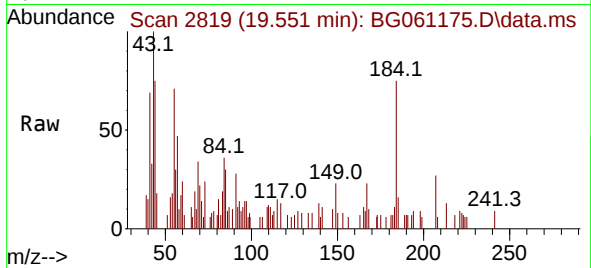




#77
Benzidine
Concen: 3.718 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.014 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

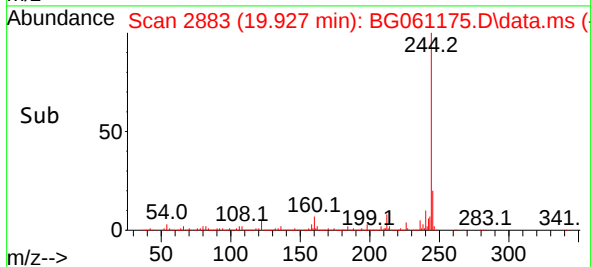
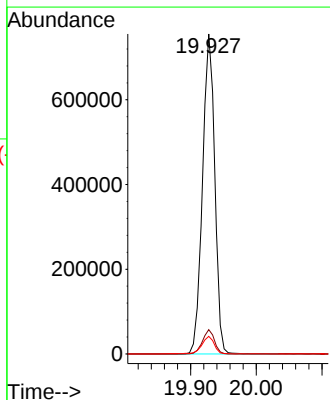
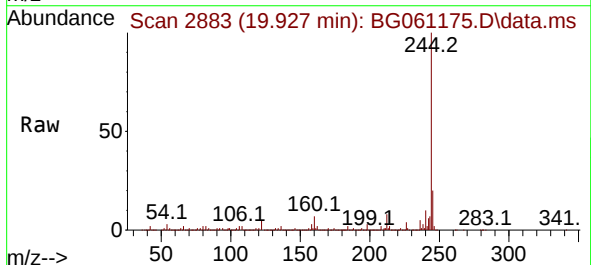
Instrument :
BNA_G
ClientSampleId :
WC-HH

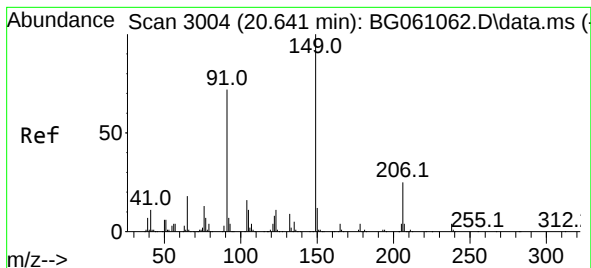
Tgt Ion:184 Resp: 3517
Ion Ratio Lower Upper
184 100
185 21.7 12.0 18.0#
183 15.1 10.9 16.3



#79
Terphenyl-d14
Concen: 86.500 ng
RT: 19.927 min Scan# 2883
Delta R.T. -0.026 min
Lab File: BG061175.D
Acq: 13 May 2024 14:43

Tgt Ion:244 Resp: 981149
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 5.5 4.2 6.2





#80

Butylbenzylphthalate

Concen: 29.376 ng

RT: 20.597 min Scan# 29

Delta R.T. -0.043 min

Lab File: BG061175.D

Acq: 13 May 2024 14:43

Instrument :

BNA_G

ClientSampleId :

WC-HH

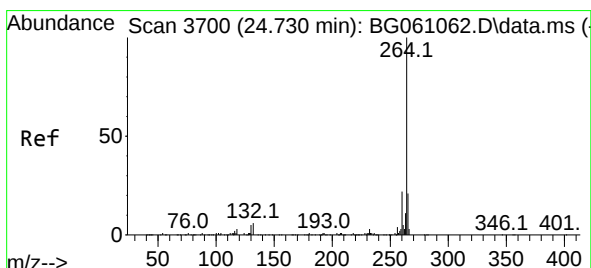
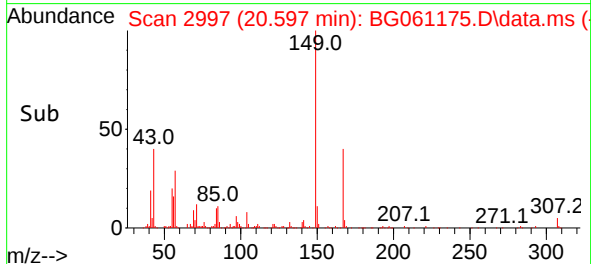
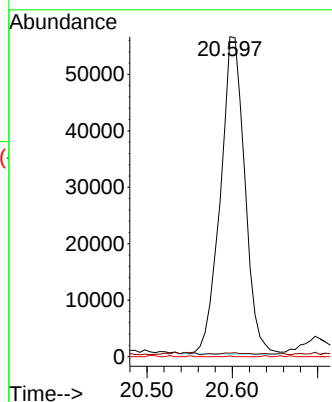
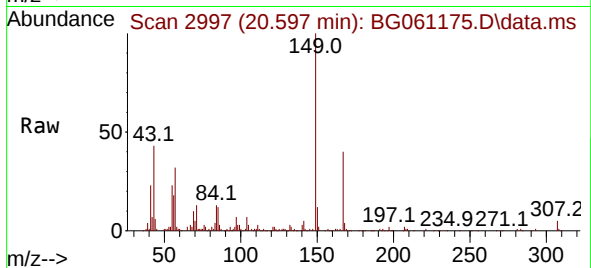
Tgt Ion:149 Resp: 111524

Ion Ratio Lower Upper

149 100

91 1.1 57.4 86.2#

206 0.3 19.8 29.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.687 min Scan# 3693

Delta R.T. -0.043 min

Lab File: BG061175.D

Acq: 13 May 2024 14:43

Tgt Ion:264 Resp: 217128

Ion Ratio Lower Upper

264 100

260 23.9 17.7 26.5

265 22.5 16.4 24.6

