

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
 Data File : BG061163.D
 Acq On : 10 May 2024 14:54
 Operator : MA/JU
 Sample : P2423-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-GG

Quant Time: May 10 15:30:50 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)

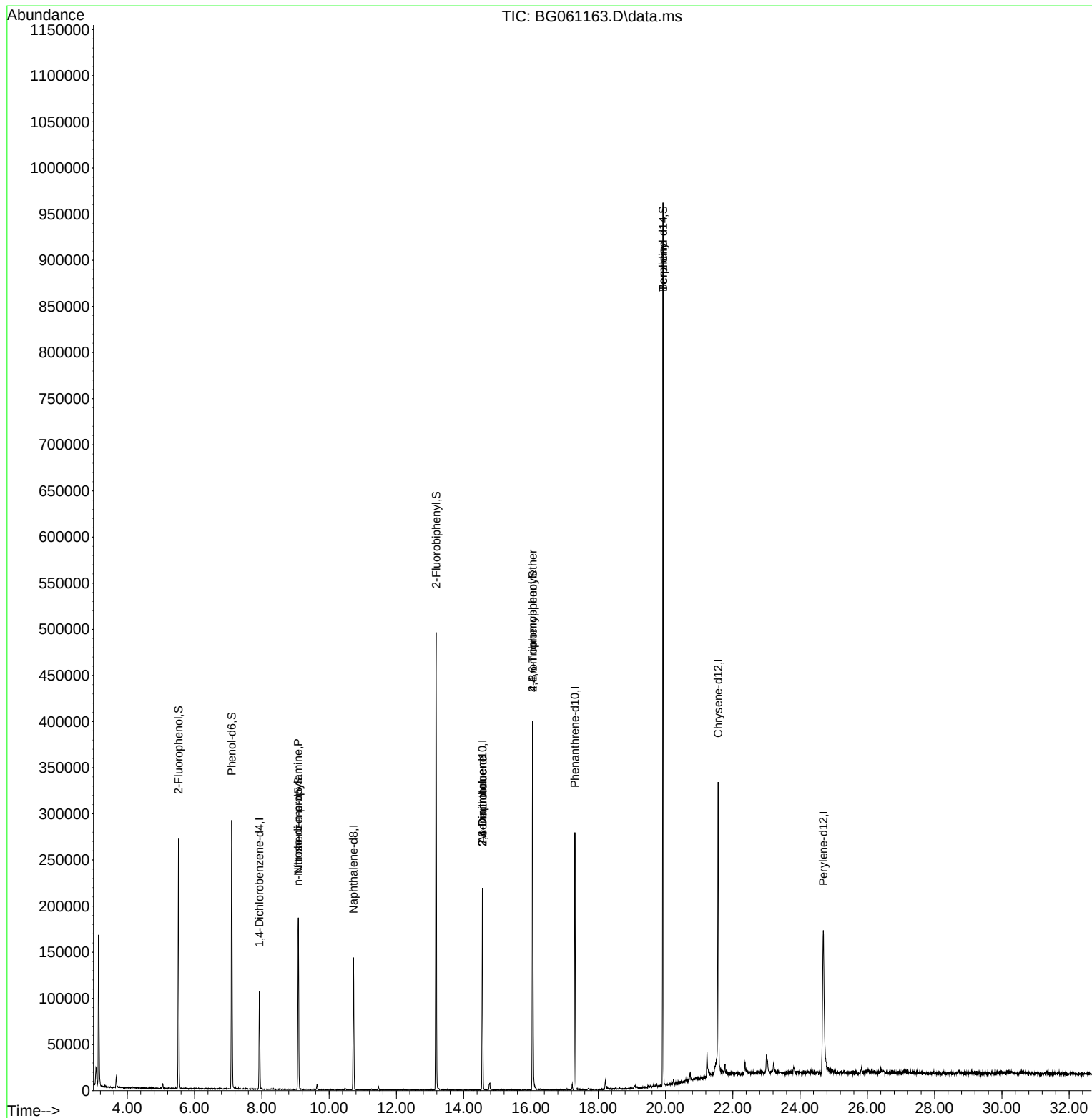
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	26982	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	109419	20.000	ng	-0.03
39) Acenaphthene-d10	14.562	164	84553	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	188639	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	194806	20.000	ng	-0.03
86) Perylene-d12	24.691	264	225452	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	95697	72.130	ng	-0.02
7) Phenol-d6	7.106	99	132805	67.667	ng	-0.03
23) Nitrobenzene-d5	9.086	82	94721	42.913	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	93618	55.393	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	257013	44.948	ng	-0.03
79) Terphenyl-d14	19.926	244	489751	41.812	ng	-0.03
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.106	77	343	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.080	70	13564	9.235	ng	# 60
51) 2,6-Dinitrotoluene	14.556	165	10692	7.654	ng	# 15
57) 2,4-Dinitrotoluene	14.556	165	10692	5.173	ng	# 17
67) 4-Bromophenyl-phenylether	16.054	248	5832	2.624	ng	# 1
77) Benzidine	19.926	184	7477	4.695	ng	# 82

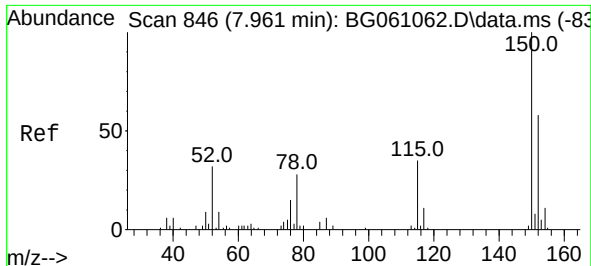
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: May 10 15:30:50 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

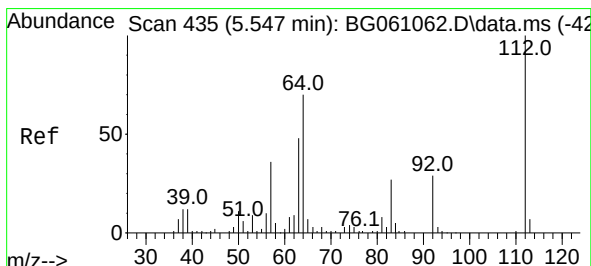
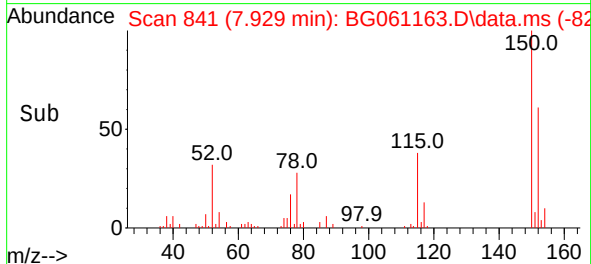
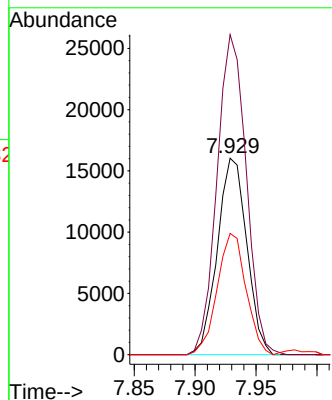
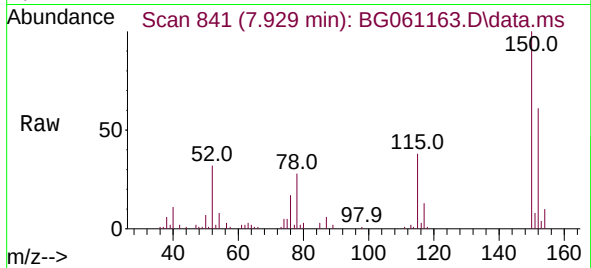




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 846
Delta R.T. -0.032 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

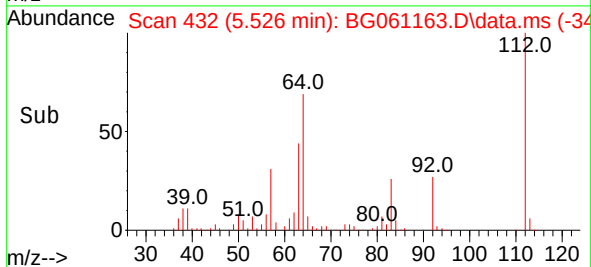
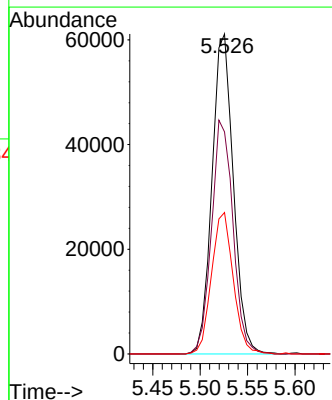
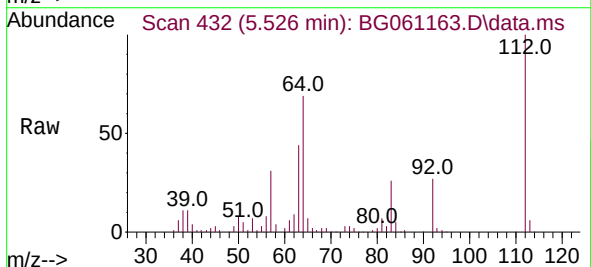
Instrument :
BNA_G
ClientSampleId :
WC-GG

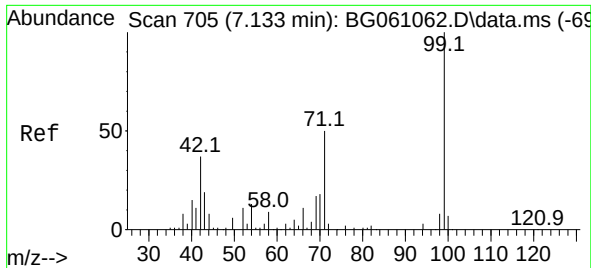
Tgt Ion:152 Resp: 26982
Ion Ratio Lower Upper
152 100
150 162.8 138.3 207.5
115 61.7 48.0 72.0



#5
2-Fluorophenol
Concen: 72.130 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

Tgt Ion:112 Resp: 95697
Ion Ratio Lower Upper
112 100
64 69.4 55.7 83.5
63 44.2 38.1 57.1

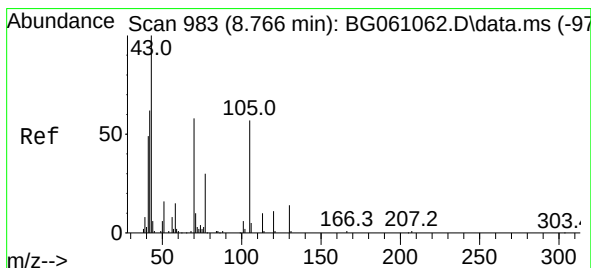
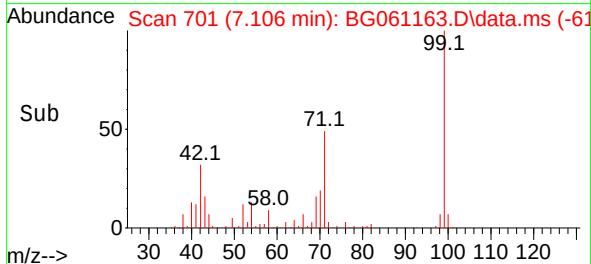
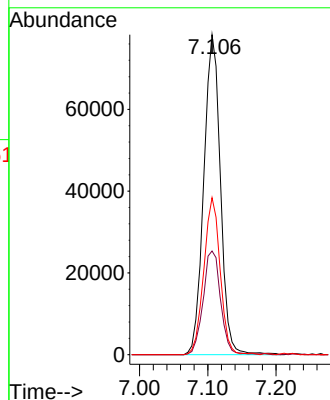
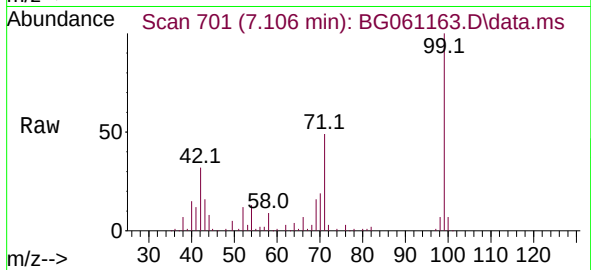




#7
Phenol-d6
Concen: 67.667 ng
RT: 7.106 min Scan# 705
Delta R.T. -0.027 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

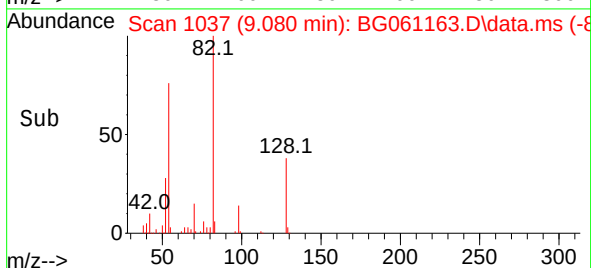
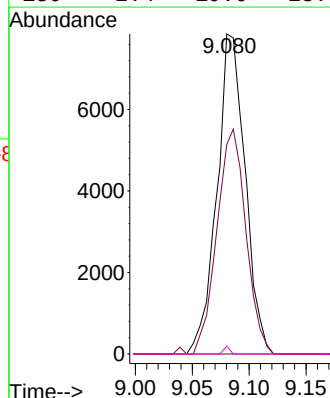
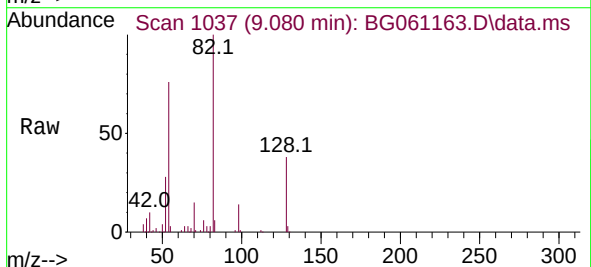
Instrument :
BNA_G
ClientSampleId :
WC-GG

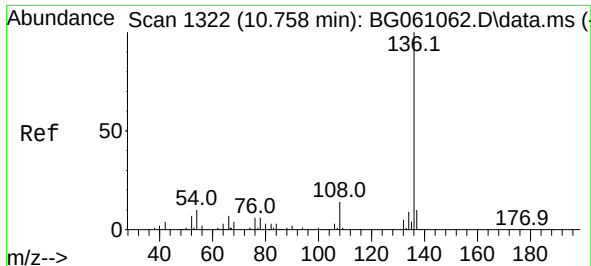
Tgt Ion: 99 Resp: 132805
Ion Ratio Lower Upper
99 100
42 32.4 29.2 43.8
71 49.1 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.235 ng
RT: 9.080 min Scan# 1037
Delta R.T. 0.314 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

Tgt Ion: 70 Resp: 13564
Ion Ratio Lower Upper
70 100
42 65.5 86.4 129.6#
101 0.0 7.8 11.8#
130 2.4 19.0 28.4#

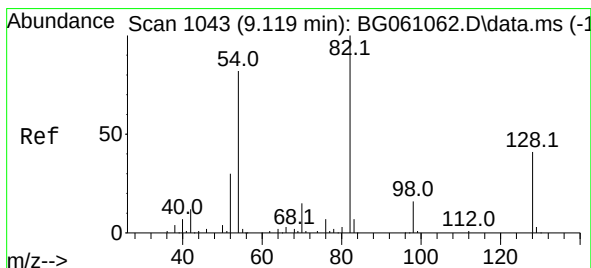
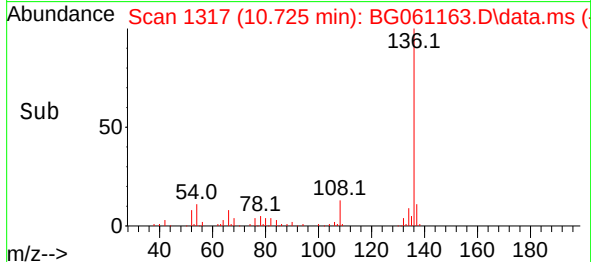
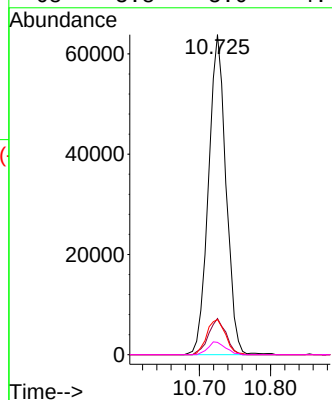
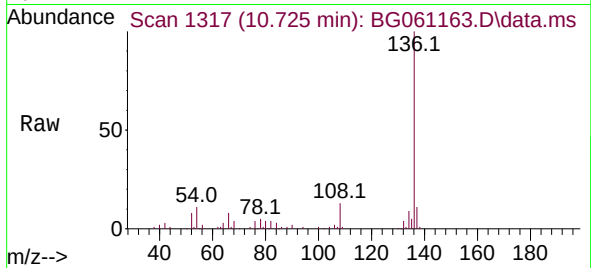




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

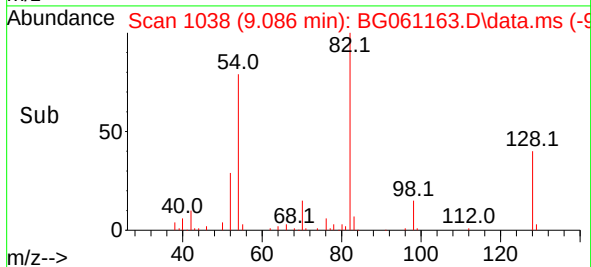
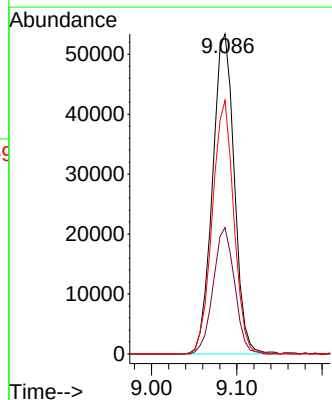
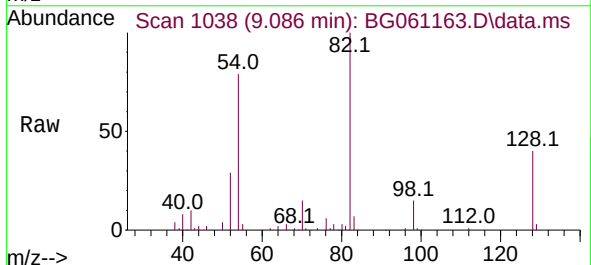
Instrument :
BNA_G
ClientSampleId :
WC-GG

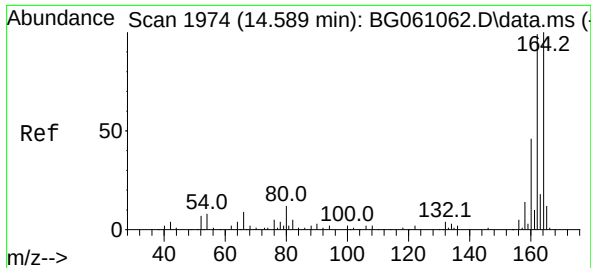
Tgt Ion:136 Resp: 109419
Ion Ratio Lower Upper
136 100
137 11.3 7.8 11.6
54 11.0 8.1 12.1
68 3.8 3.0 4.4



#23
Nitrobenzene-d5
Concen: 42.913 ng
RT: 9.086 min Scan# 1038
Delta R.T. -0.033 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

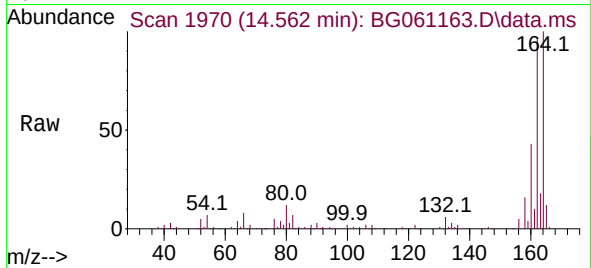
Tgt Ion: 82 Resp: 94721
Ion Ratio Lower Upper
82 100
128 39.5 32.7 49.1
54 79.3 65.6 98.4



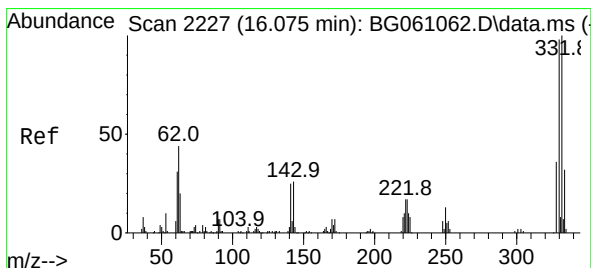
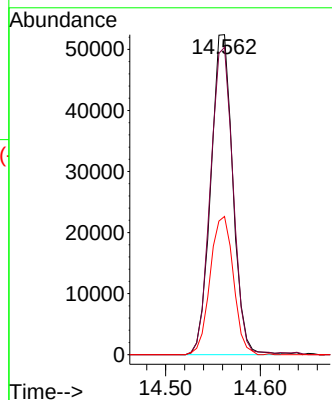
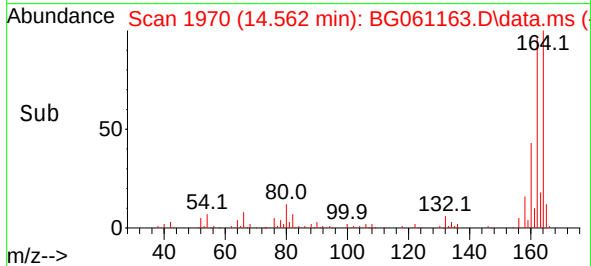


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1970
Delta R.T. -0.027 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

Instrument :
BNA_G
ClientSampleId :
WC-GG

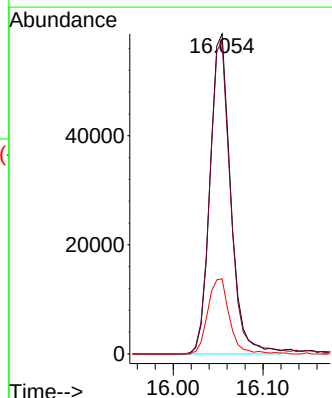
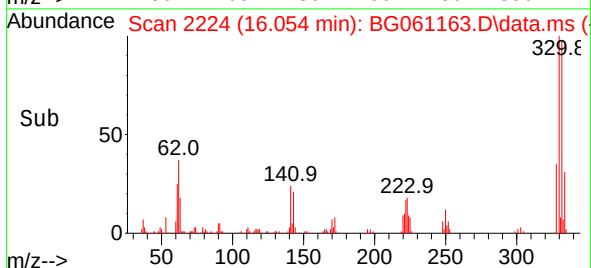
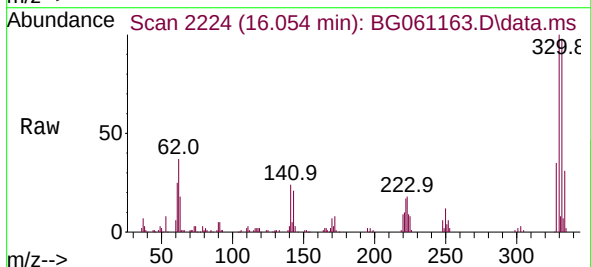


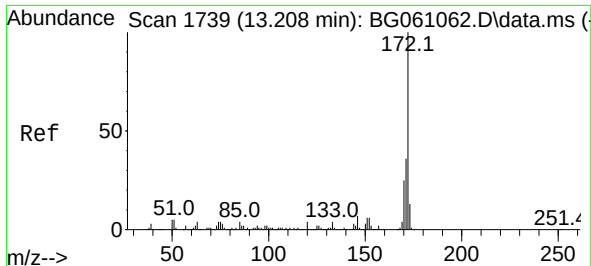
Tgt Ion:164 Resp: 84553
Ion Ratio Lower Upper
164 100
162 96.0 79.4 119.2
160 43.2 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 55.393 ng
RT: 16.054 min Scan# 2224
Delta R.T. -0.021 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

Tgt Ion:330 Resp: 93618
Ion Ratio Lower Upper
330 100
332 98.6 78.6 117.8
141 24.8 20.5 30.7





#45

2-Fluorobiphenyl

Concen: 44.948 ng

RT: 13.181 min Scan# 1

Delta R.T. -0.027 min

Lab File: BG061163.D

Acq: 10 May 2024 14:54

Instrument :

BNA_G

ClientSampleId :

WC-GG

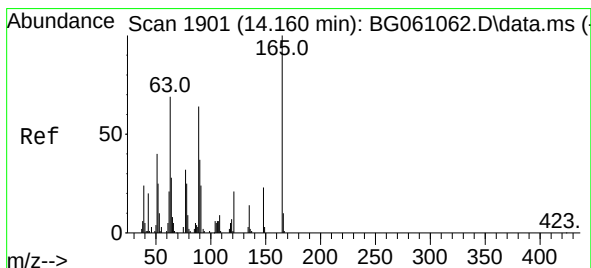
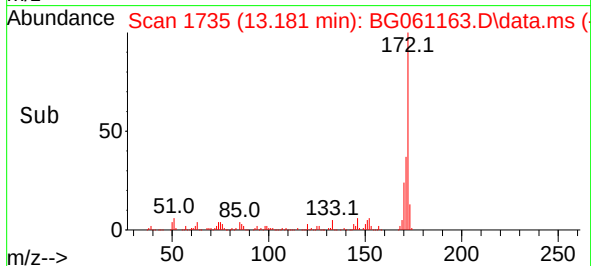
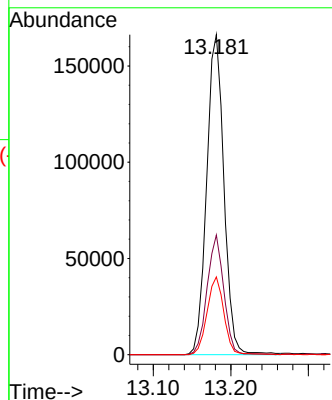
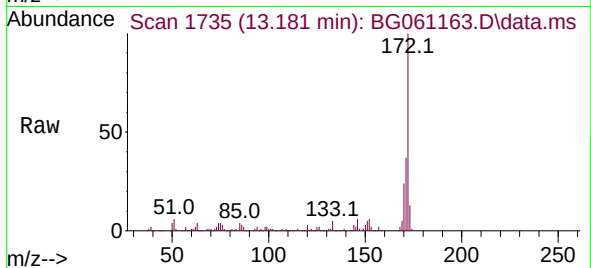
Tgt Ion:172 Resp: 257013

Ion Ratio Lower Upper

172 100

171 37.4 29.0 43.6

170 24.3 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 7.654 ng

RT: 14.556 min Scan# 1969

Delta R.T. 0.396 min

Lab File: BG061163.D

Acq: 10 May 2024 14:54

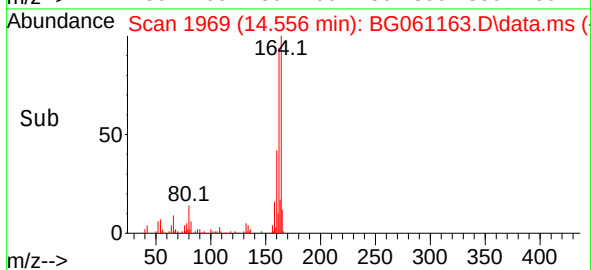
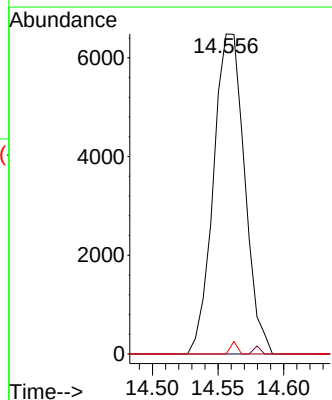
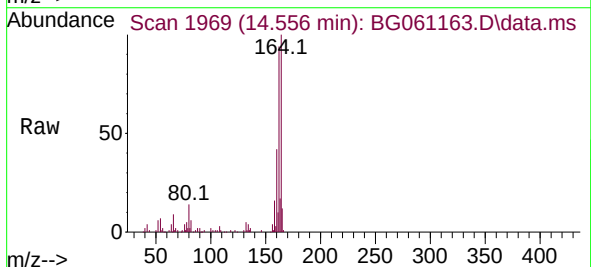
Tgt Ion:165 Resp: 10692

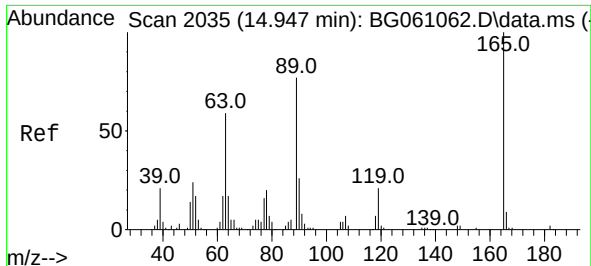
Ion Ratio Lower Upper

165 100

63 0.0 60.0 90.0#

89 0.0 50.9 76.3#

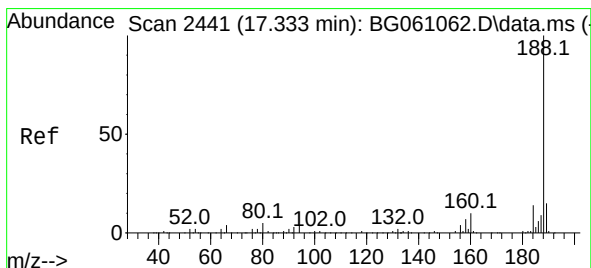
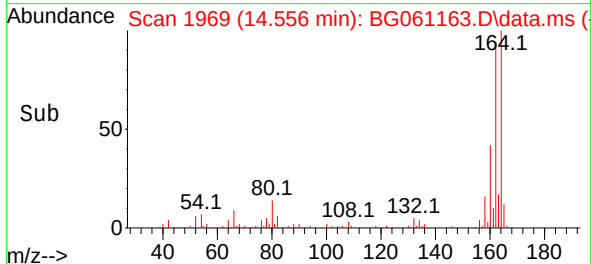
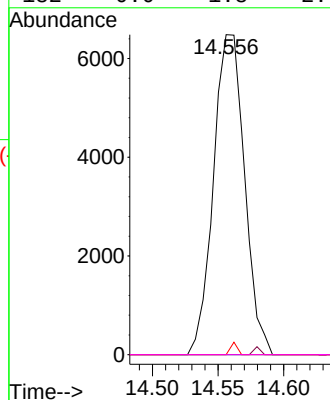
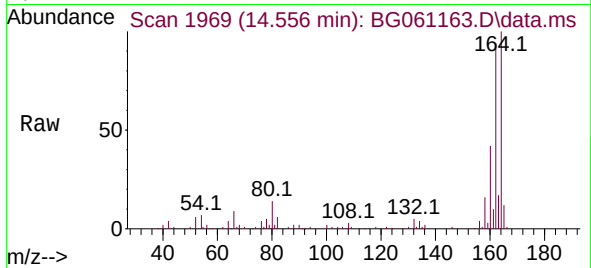




#57
2,4-Dinitrotoluene
Concen: 5.173 ng
RT: 14.556 min Scan# 1969
Delta R.T. -0.391 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

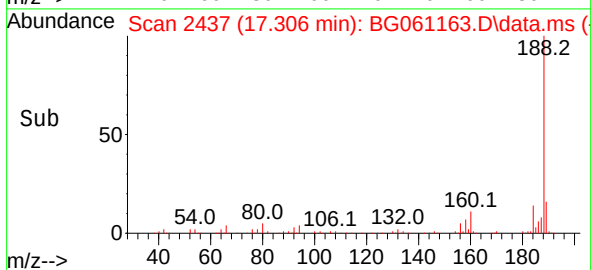
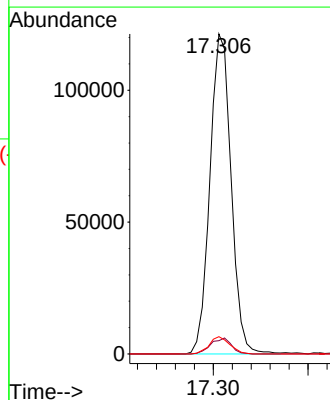
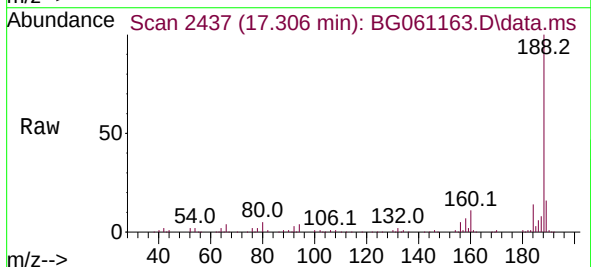
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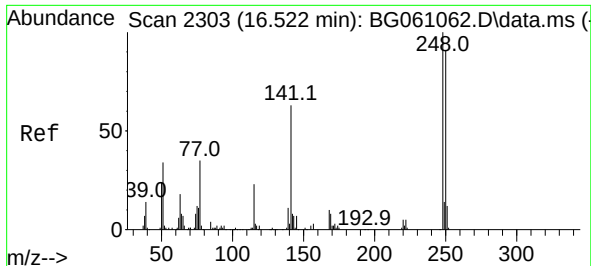
Tgt Ion:165	Resp:	10692
Ion Ratio	Lower	Upper
165	100	
63	0.0	47.3 70.9#
89	0.0	61.8 92.8#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2437
Delta R.T. -0.027 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

Tgt Ion:188	Resp:	188639
Ion Ratio	Lower	Upper
188	100	
94	4.2	3.6 5.4
80	5.4	4.2 6.2

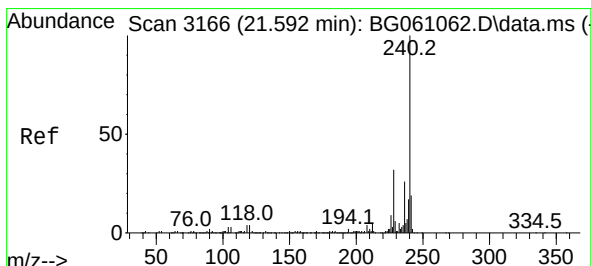
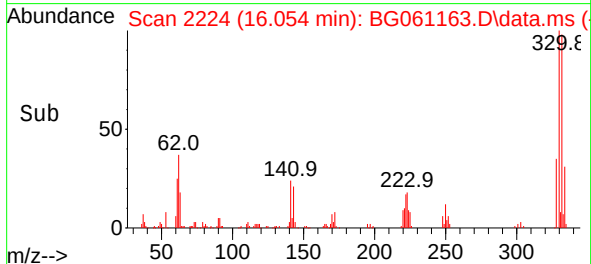
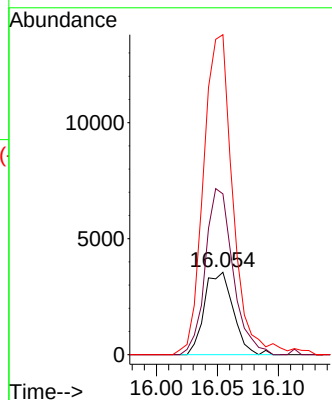
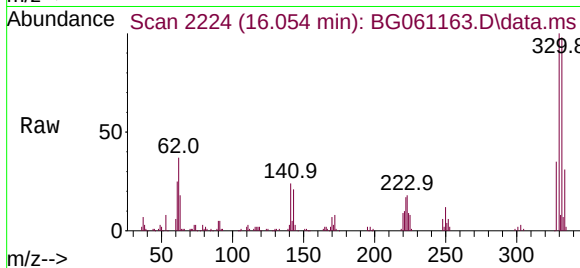




#67
4-Bromophenyl-phenylether
Concen: 2.624 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.468 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

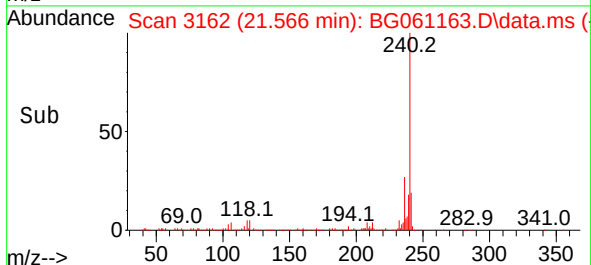
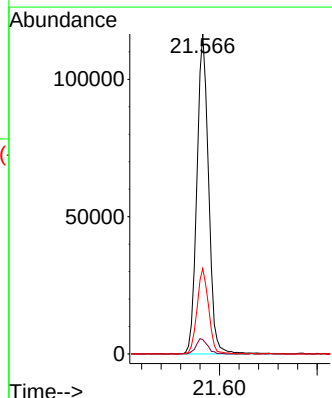
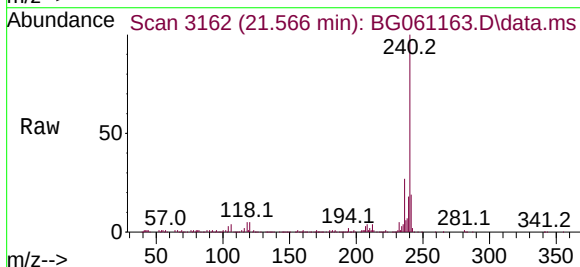
Instrument :
BNA_G
ClientSampleId :
WC-GG

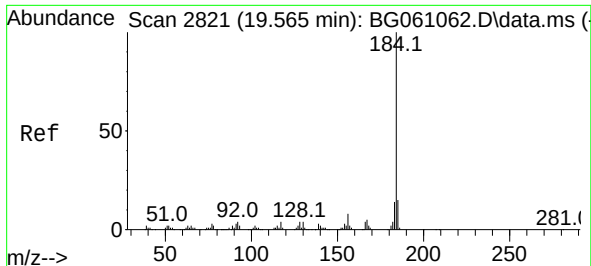
Tgt Ion:248 Resp: 5832
Ion Ratio Lower Upper
248 100
250 195.2 73.0 109.4#
141 388.5 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.027 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

Tgt Ion:240 Resp: 194806
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 26.7 21.0 31.6





#77

Benzidine

Concen: 4.695 ng

RT: 19.926 min Scan# 2883

Delta R.T. 0.361 min

Lab File: BG061163.D

Acq: 10 May 2024 14:54

Instrument :

BNA_G

ClientSampleId :

WC-GG

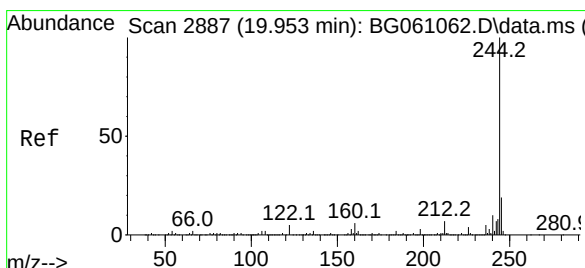
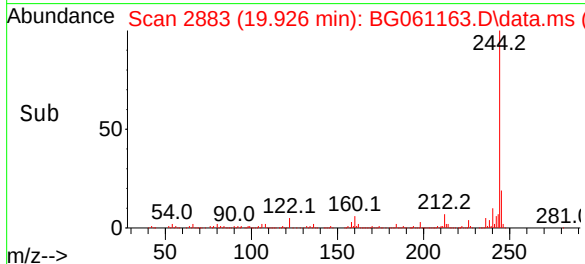
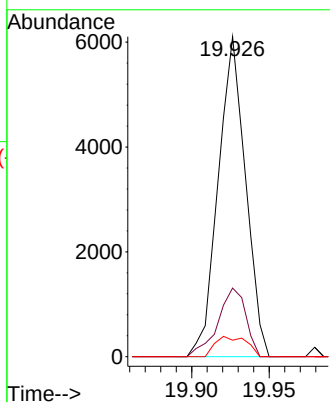
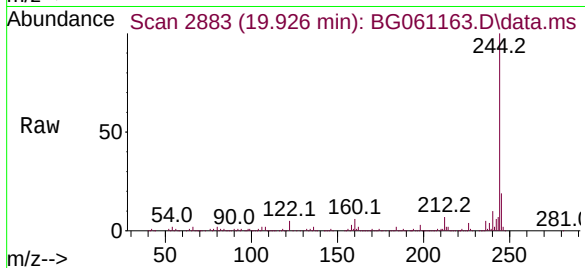
Tgt Ion:184 Resp: 7477

Ion Ratio Lower Upper

184 100

185 21.5 12.0 18.0#

183 5.2 10.9 16.3#



#79

Terphenyl-d14

Concen: 41.812 ng

RT: 19.926 min Scan# 2883

Delta R.T. -0.027 min

Lab File: BG061163.D

Acq: 10 May 2024 14:54

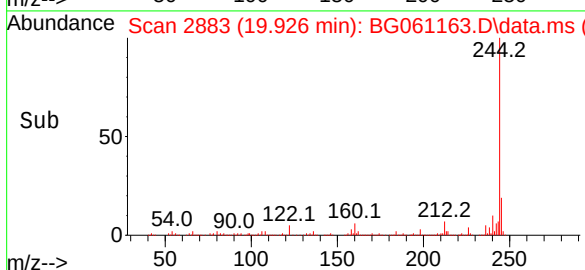
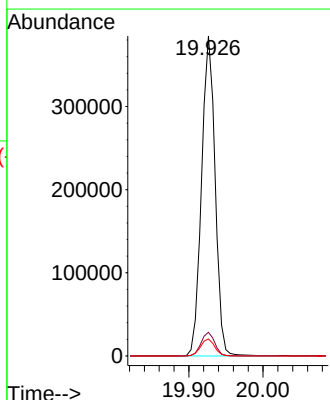
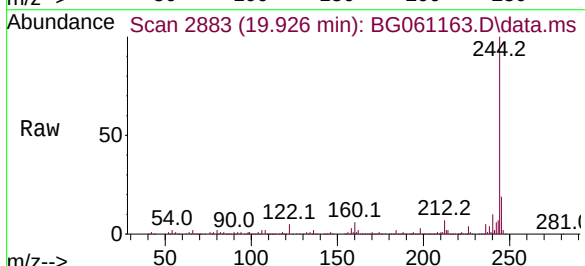
Tgt Ion:244 Resp: 489751

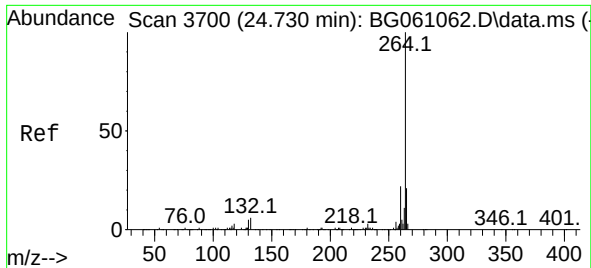
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

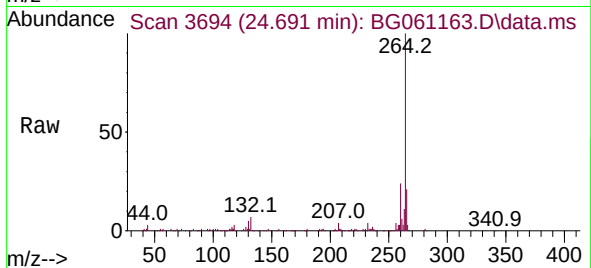
122 5.3 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.691 min Scan# 30
Delta R.T. -0.039 min
Lab File: BG061163.D
Acq: 10 May 2024 14:54

Instrument :
BNA_G
ClientSampleId :
WC-GG



Tgt Ion:264 Resp: 225452
Ion Ratio Lower Upper
264 100
260 24.1 17.7 26.5
265 20.9 16.4 24.6

