

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053571.D
 Acq On : 16 May 2022 17:36
 Operator : CG/JU
 Sample : N2832-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB06

Quant Time: May 17 05:21:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

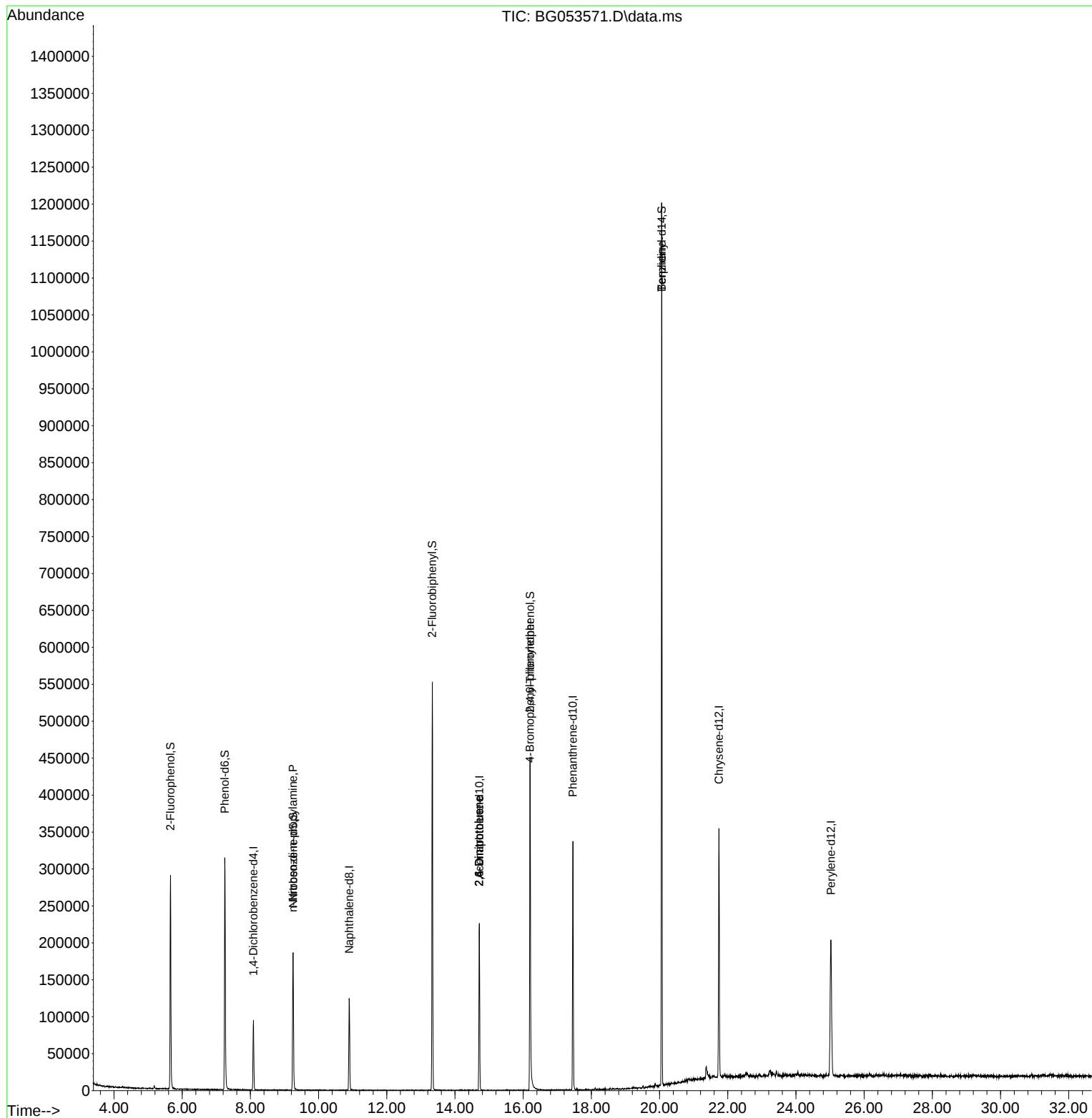
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	25786	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	104391	20.000	ng	# 0.00
39) Acenaphthene-d10	14.715	164	83517	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	219344	20.000	ng	0.00
76) Chrysene-d12	21.740	240	212945	20.000	ng	0.00
86) Perylene-d12	25.024	264	216732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	118607	78.063	ng	0.00
7) Phenol-d6	7.248	99	182783	79.268	ng	0.00
23) Nitrobenzene-d5	9.251	82	127099	51.828	ng	0.00
42) 2,4,6-Tribromophenol	16.201	330	102604	83.297	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	292860	51.241	ng	0.00
79) Terphenyl-d14	20.060	244	595766	52.107	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.246	70	17881	10.808	ng	# 77
51) 2,6-Dinitrotoluene	14.709	165	11131	8.609	ng	# 16
57) 2,4-Dinitrotoluene	14.709	165	11131	5.939	ng	# 21
67) 4-Bromophenyl-phenylether	16.195	248	6322	2.468	ng	# 1
77) Benzidine	20.060	184	9797	2.135	ng	# 92

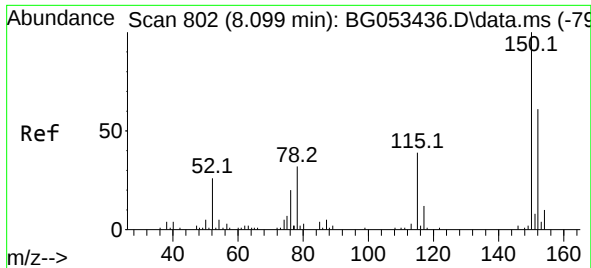
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
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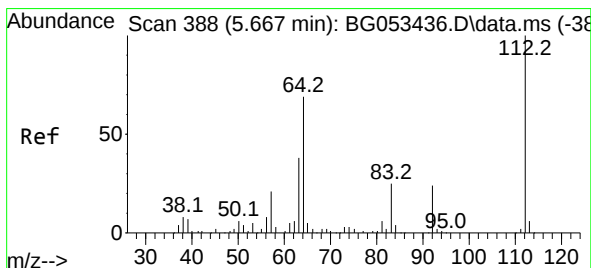
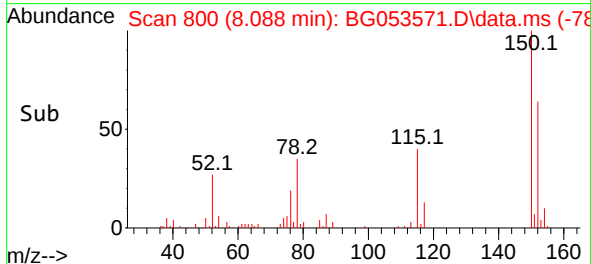
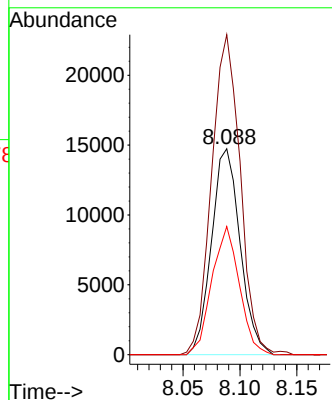
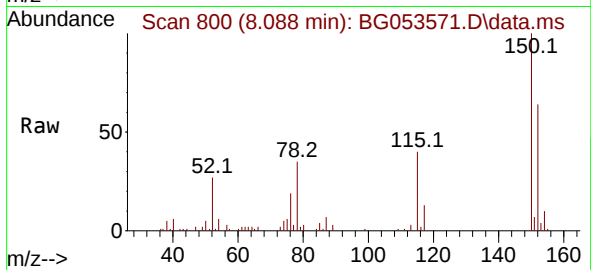




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

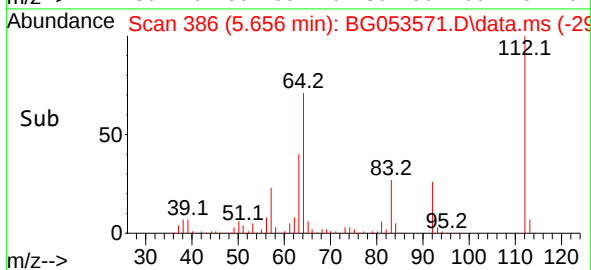
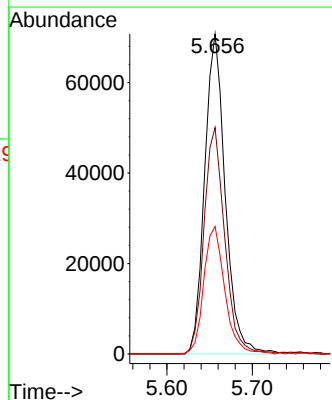
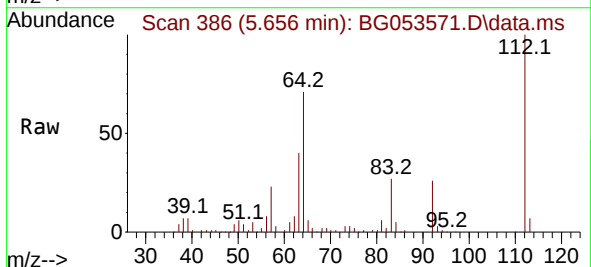
Instrument :
BNA_G
ClientSampleId :
SB06

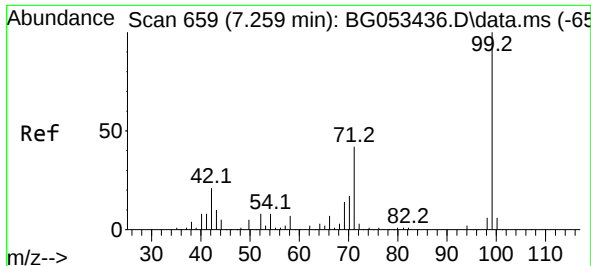
Tgt Ion:152 Resp: 25786
Ion Ratio Lower Upper
152 100
150 155.4 131.6 197.4
115 62.2 50.9 76.3



#5
2-Fluorophenol
Concen: 78.063 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

Tgt Ion:112 Resp: 118607
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 39.8 30.4 45.6

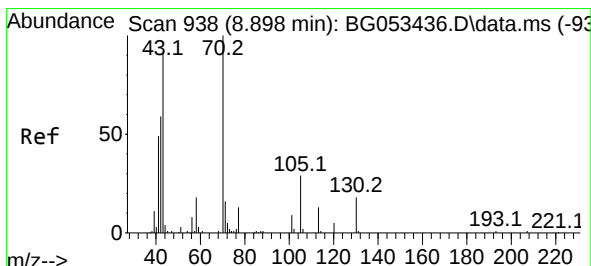
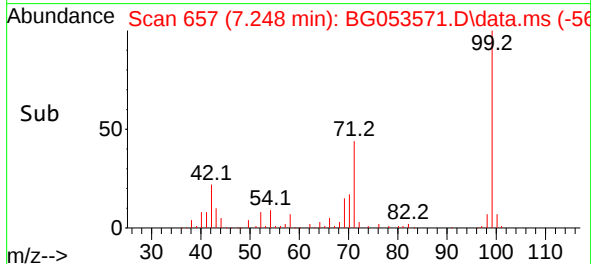
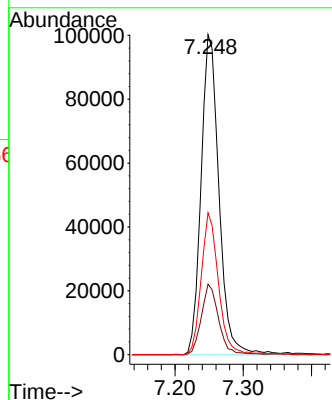
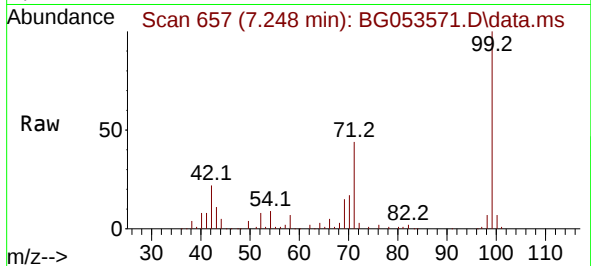




#7
Phenol-d6
Concen: 79.268 ng
RT: 7.248 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

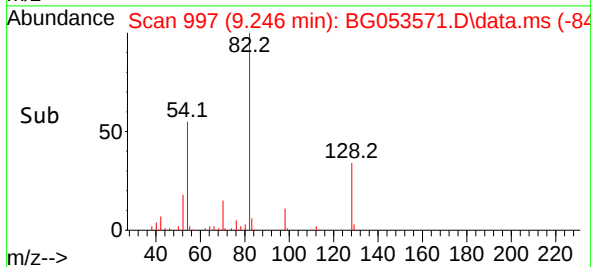
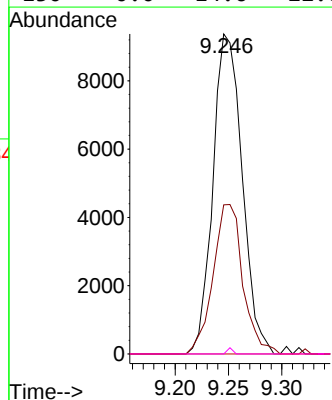
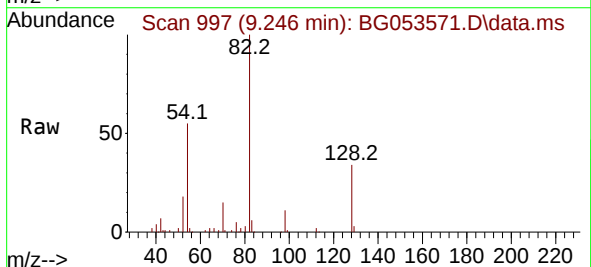
Instrument :
BNA_G
ClientSampleId :
SB06

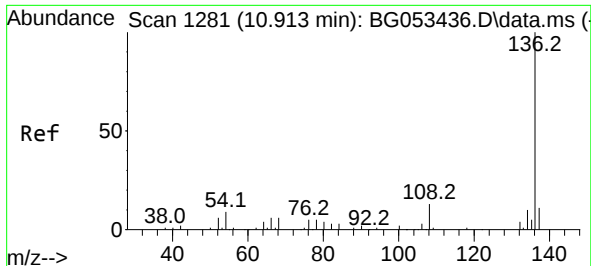
Tgt Ion: 99 Resp: 182783
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 44.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.808 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.357 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

Tgt Ion: 70 Resp: 17881
Ion Ratio Lower Upper
70 100
42 46.6 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

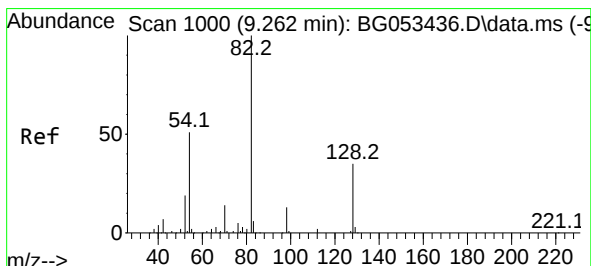
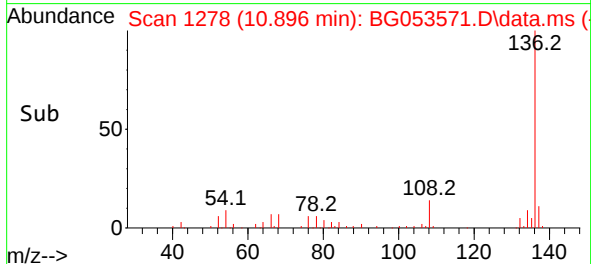
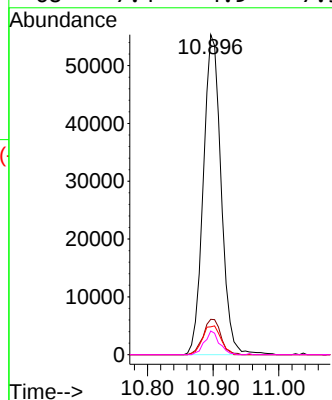
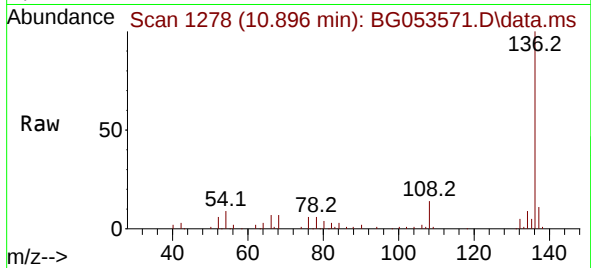




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

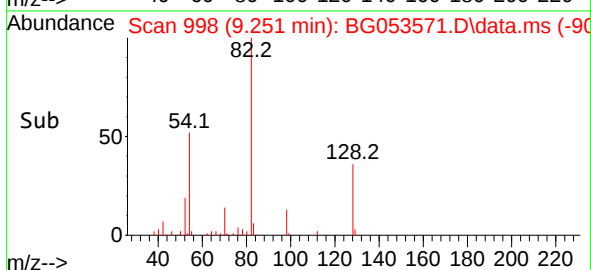
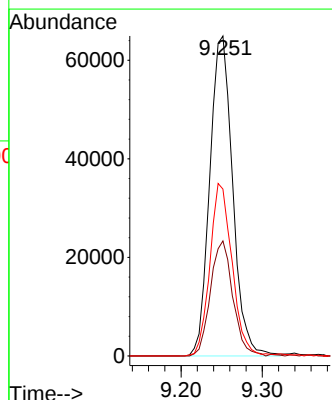
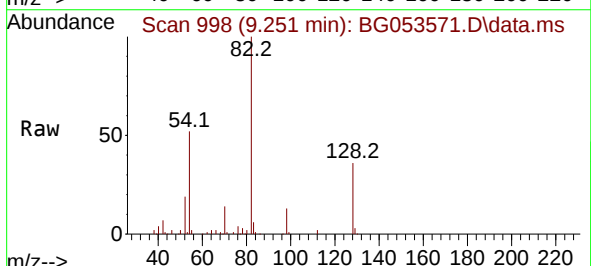
Instrument :
BNA_G
ClientSampleId :
SB06

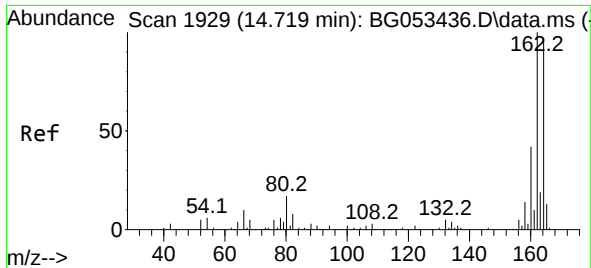
Tgt Ion:136 Resp: 104391
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 8.7 7.4 11.2
68 7.4 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 51.828 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.001 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

Tgt Ion: 82 Resp: 127099
Ion Ratio Lower Upper
82 100
128 35.9 27.9 41.9
54 52.2 41.2 61.8

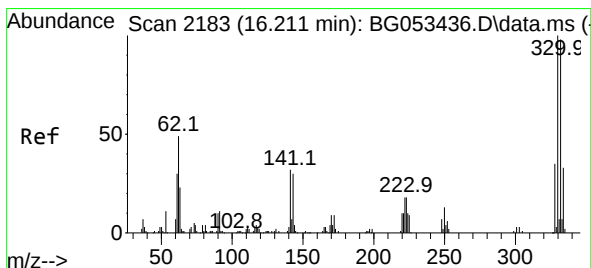
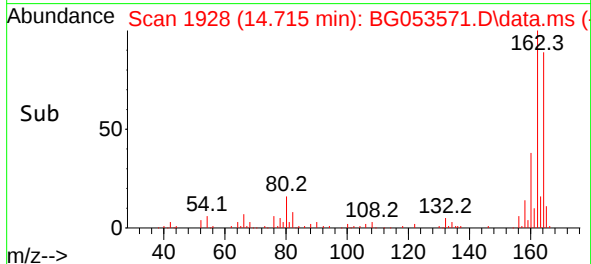
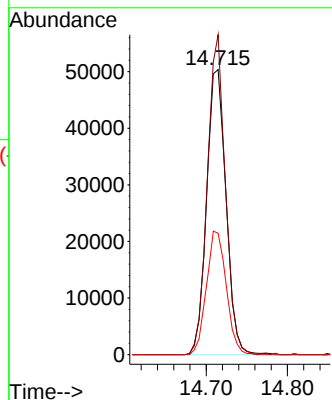
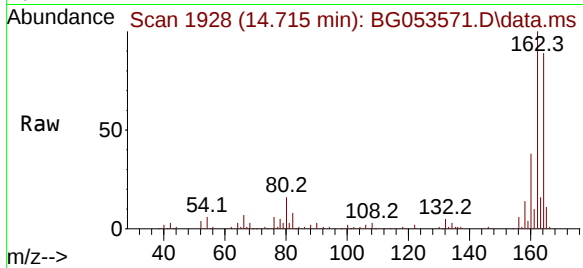




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

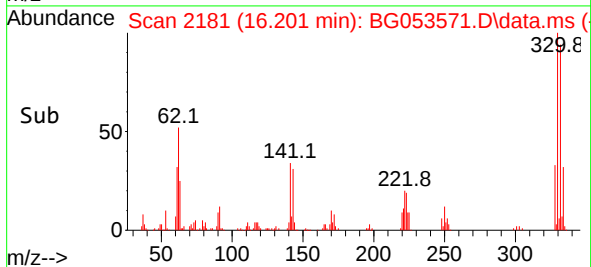
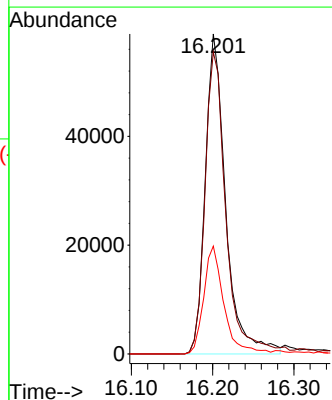
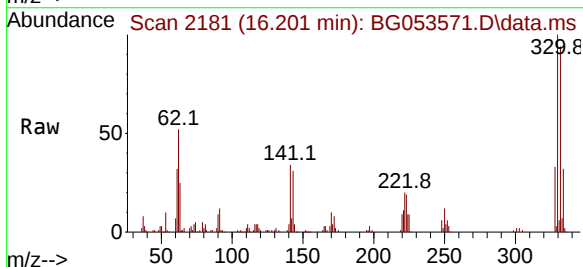
Instrument :
BNA_G
ClientSampleId :
SB06

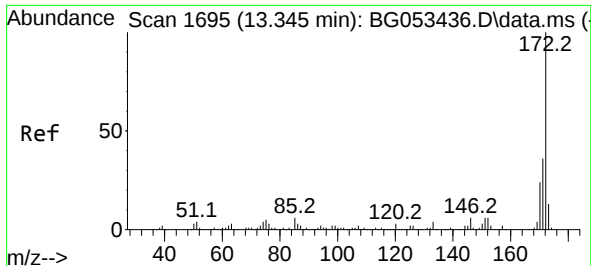
Tgt Ion:164 Resp: 83517
Ion Ratio Lower Upper
164 100
162 112.2 82.3 123.5
160 42.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 83.297 ng
RT: 16.201 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

Tgt Ion:330 Resp: 102604
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 33.3 27.1 40.7

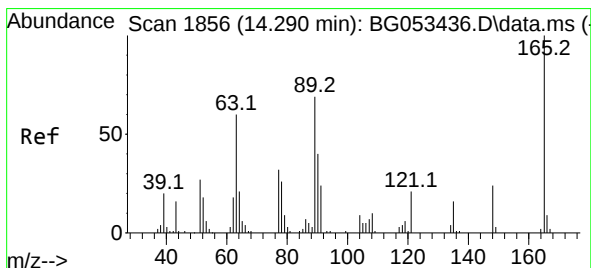
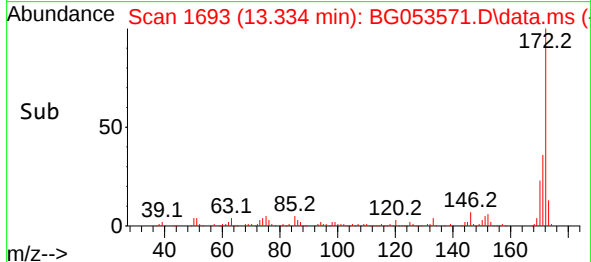
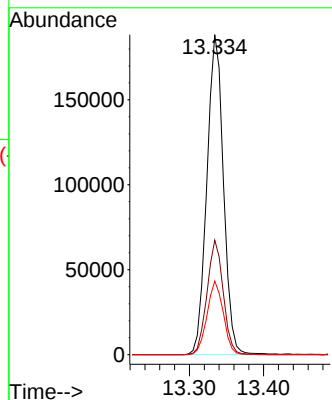
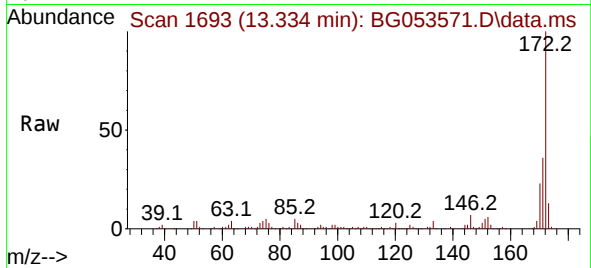




#45
2-Fluorobiphenyl
Concen: 51.241 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

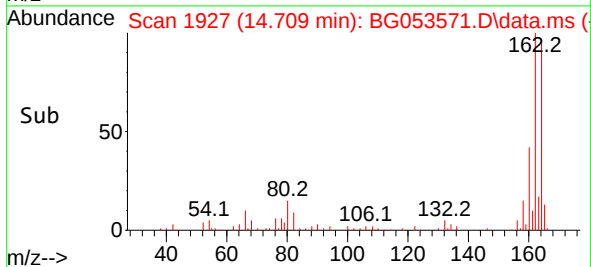
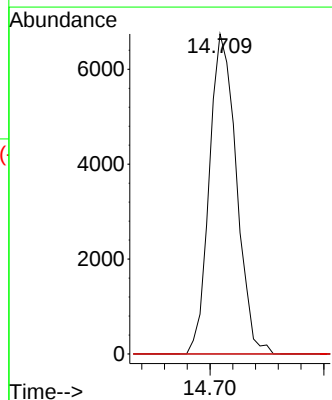
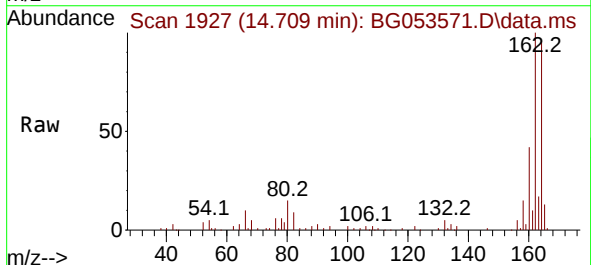
Instrument :
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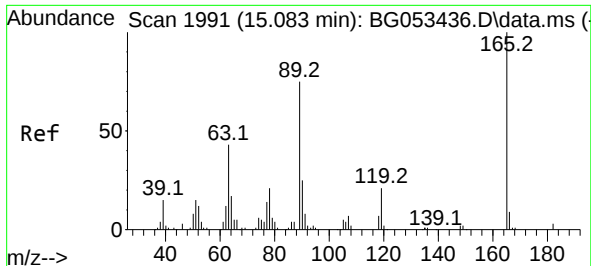
Tgt Ion:172 Resp: 292860
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.609 ng
RT: 14.709 min Scan# 1927
Delta R.T. 0.428 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

Tgt Ion:165 Resp: 11131
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.939 ng

RT: 14.709 min Scan# 1991

Delta R.T. -0.365 min

Lab File: BG053571.D

Acq: 16 May 2022 17:36

Instrument :

BNA_G

ClientSampleId :

SB06

Tgt Ion:165 Resp: 11131

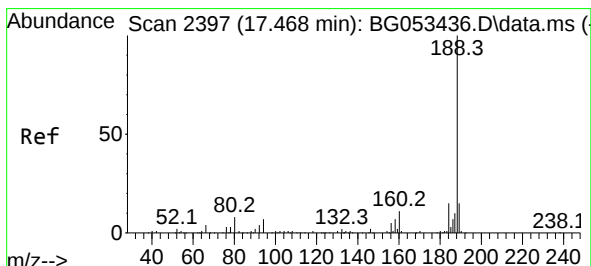
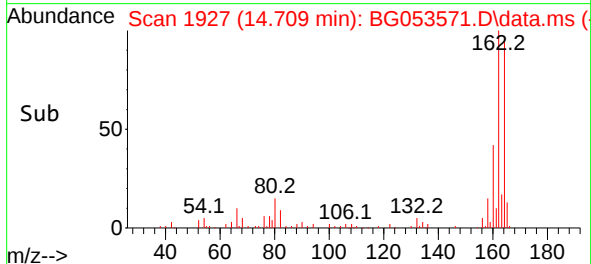
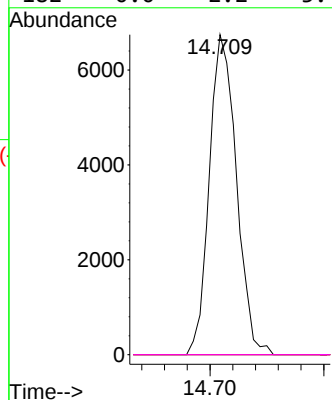
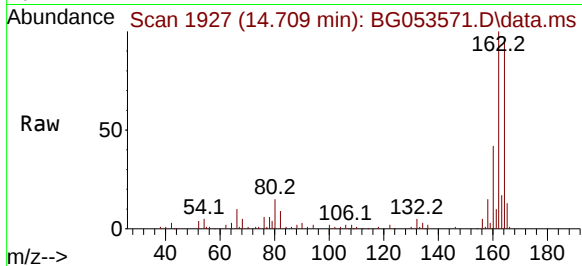
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.458 min Scan# 2395

Delta R.T. -0.001 min

Lab File: BG053571.D

Acq: 16 May 2022 17:36

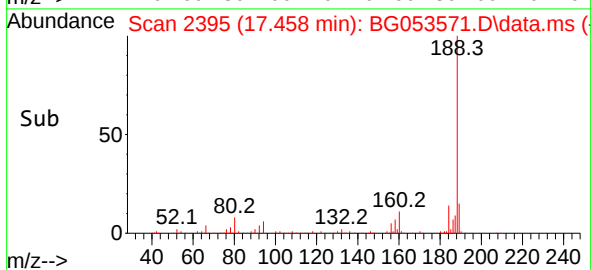
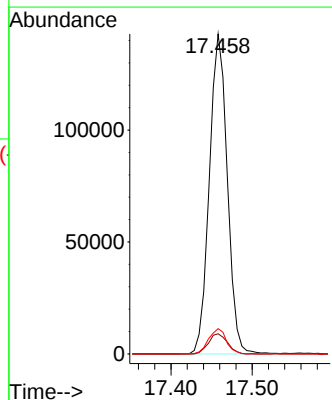
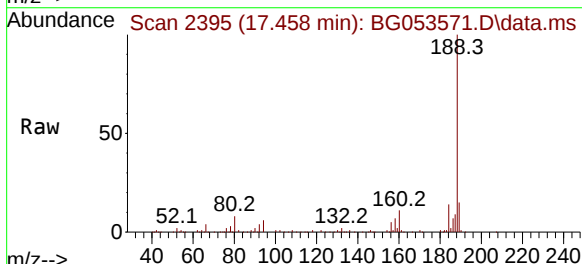
Tgt Ion:188 Resp: 219344

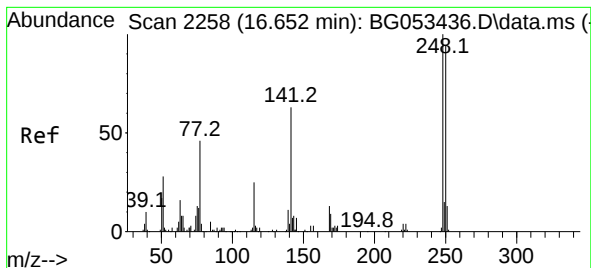
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 7.9 6.8 10.2

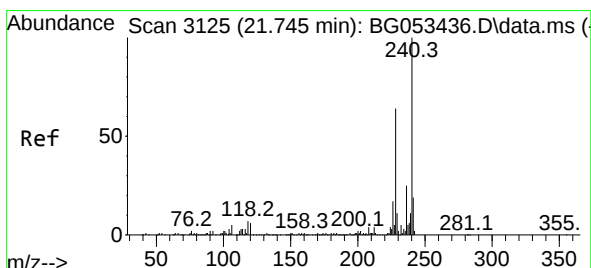
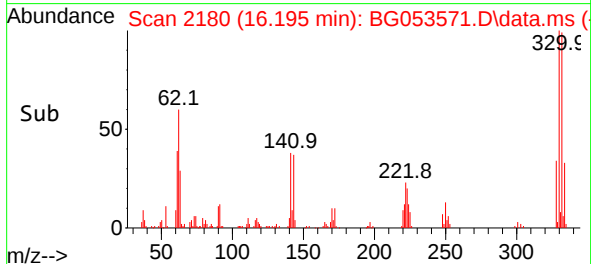
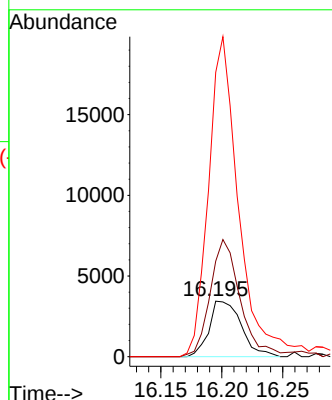
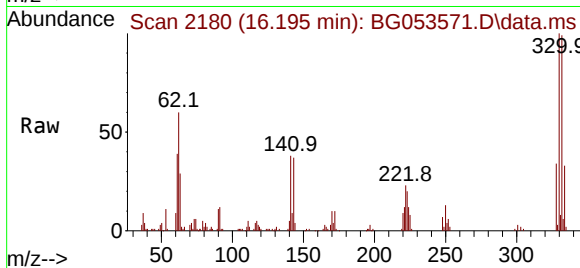




#67
4-Bromophenyl-phenylether
Concen: 2.468 ng
RT: 16.195 min Scan# 2118
Delta R.T. -0.448 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

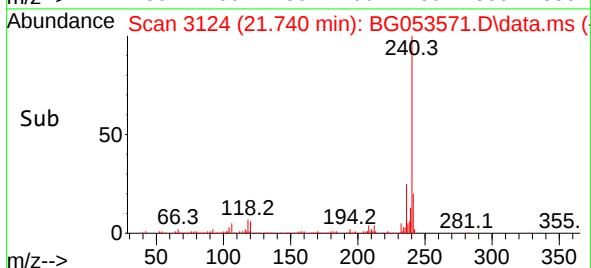
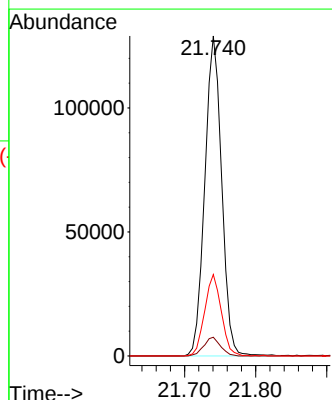
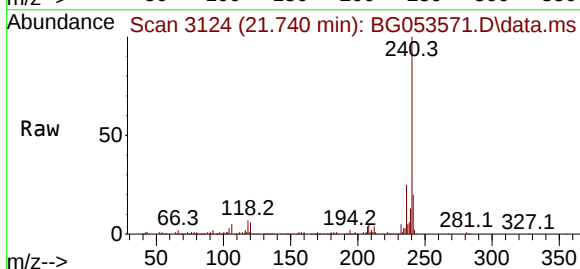
Instrument :
BNA_G
ClientSampleId :
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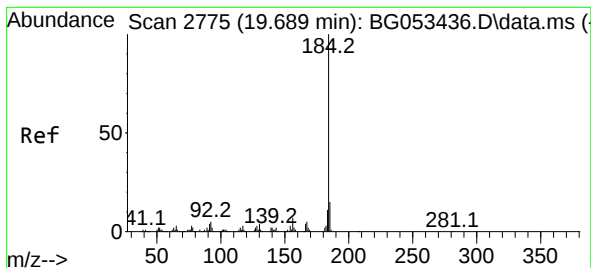
Tgt Ion:248 Resp: 6322
Ion Ratio Lower Upper
248 100
250 172.0 75.2 112.8#
141 512.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.001 min
Lab File: BG053571.D
Acq: 16 May 2022 17:36

Tgt Ion:240 Resp: 212945
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.4 20.2 30.4





#77

Benzidine

Concen: 2.135 ng

RT: 20.060 min Scan# 2

Delta R.T. 0.381 min

Lab File: BG053571.D

Acq: 16 May 2022 17:36

Instrument :

BNA_G

ClientSampleId :

SB06

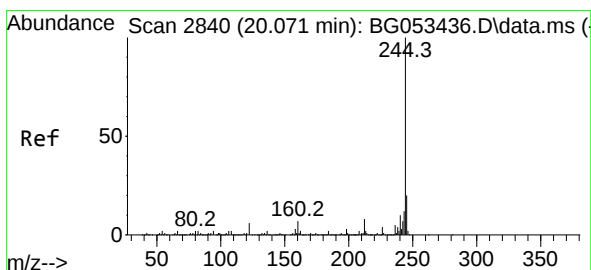
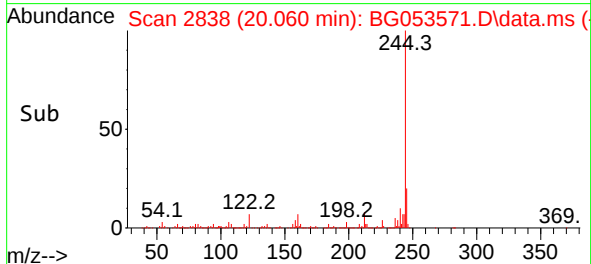
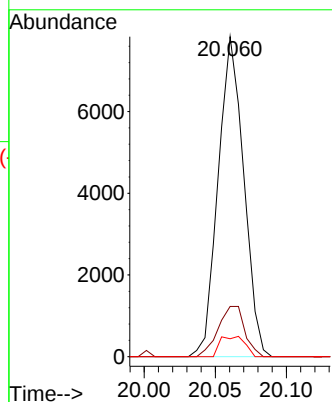
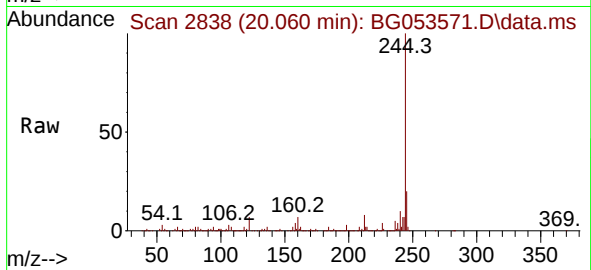
Tgt Ion:184 Resp: 9797

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.6

183 5.6 8.9 13.3#



#79

Terphenyl-d14

Concen: 52.107 ng

RT: 20.060 min Scan# 2838

Delta R.T. -0.001 min

Lab File: BG053571.D

Acq: 16 May 2022 17:36

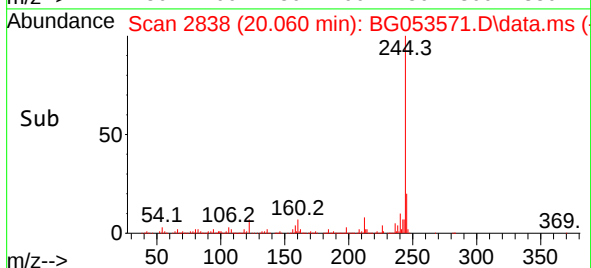
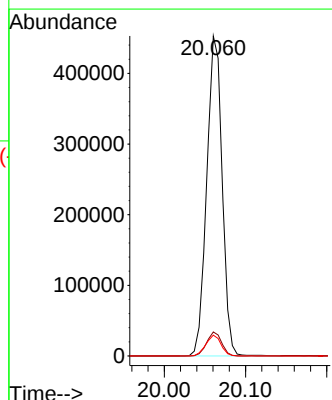
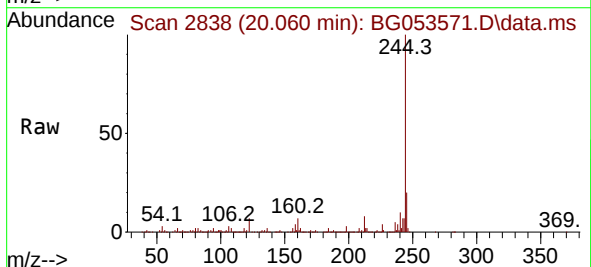
Tgt Ion:244 Resp: 595766

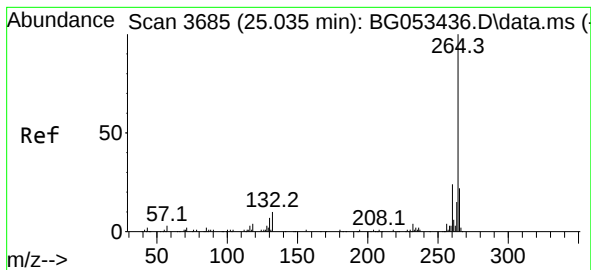
Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 6.5 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG053571.D

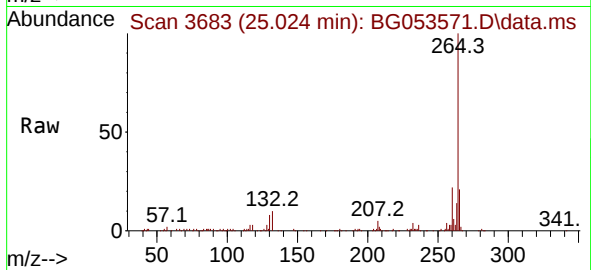
Acq: 16 May 2022 17:36

Instrument :

BNA_G

ClientSampleId :

SB06



Tgt Ion:264 Resp: 216732

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.6

265 20.6 17.4 26.2

