

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053008.D
 Acq On : 4 Apr 2022 15:05
 Operator : CG/JU
 Sample : PB143836BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143836BL

Quant Time: Apr 05 01:06:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

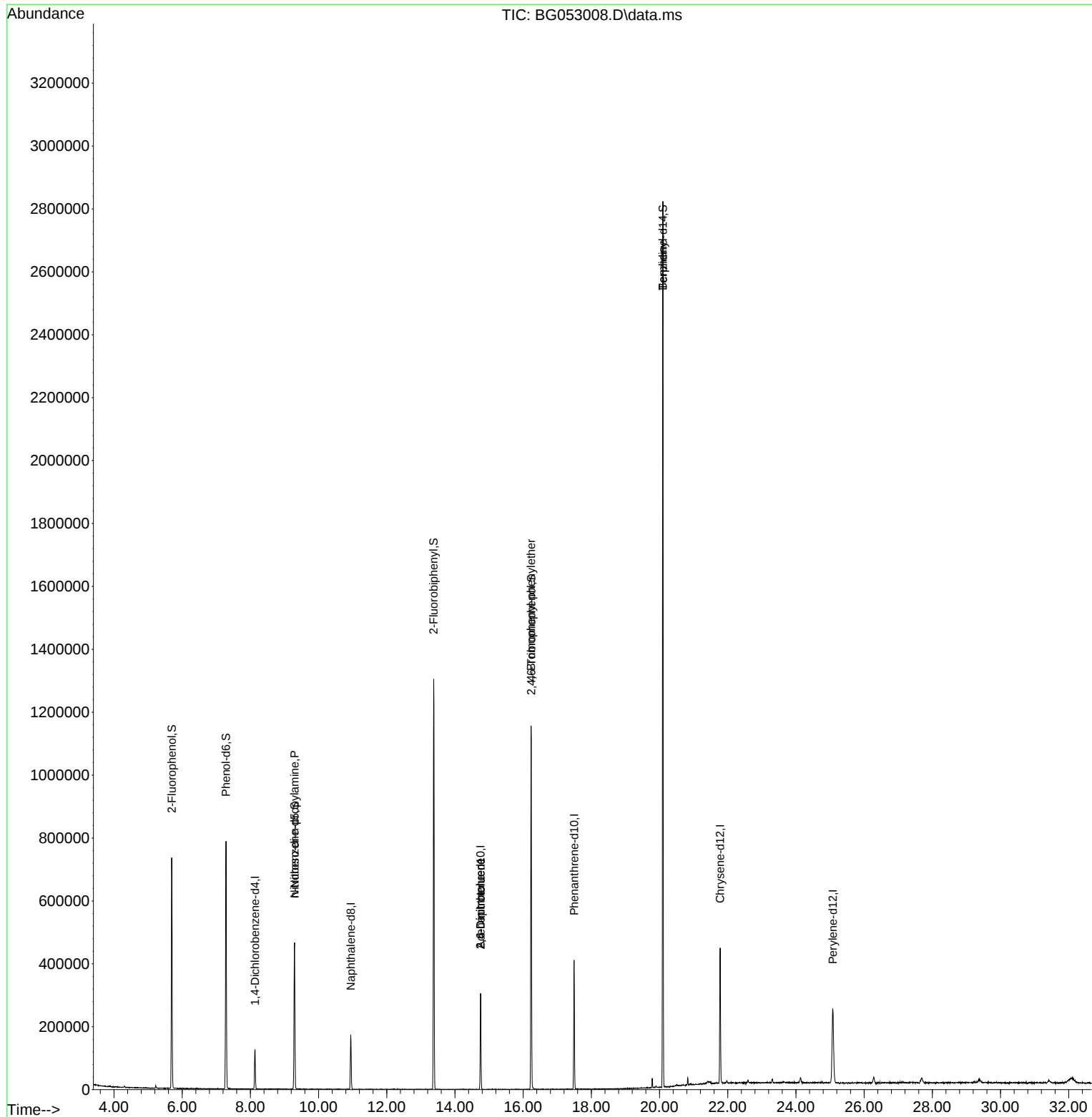
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	35008	20.000	ng	0.00
21) Naphthalene-d8	10.945	136	139625	20.000	ng	#-0.01
39) Acenaphthene-d10	14.752	164	106713	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	262852	20.000	ng	0.00
76) Chrysene-d12	21.777	240	277804	20.000	ng	-0.02
86) Perylene-d12	25.079	264	271457	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	293164	145.838	ng	0.00
7) Phenol-d6	7.285	99	425793	140.498	ng	0.00
23) Nitrobenzene-d5	9.294	82	302001	108.559	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	222548	155.201	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	691085	95.513	ng	-0.01
79) Terphenyl-d14	20.097	244	1367663	87.575	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.279	77	993	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	9.294	70	41873	19.508	ng	# 79
51) 2,6-Dinitrotoluene	14.752	165	13788	10.297	ng	# 25
57) 2,4-Dinitrotoluene	14.752	165	13788	7.421	ng	# 24
67) 4-Bromophenyl-phenylether	16.232	248	14603	4.608	ng	# 1
77) Benzidine	20.097	184	24090	3.362	ng	# 91

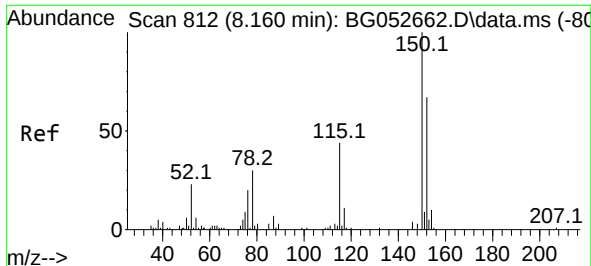
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
Data File : BG053008.D
Acq On : 4 Apr 2022 15:05
Operator : CG/JU
Sample : PB143836BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143836BL

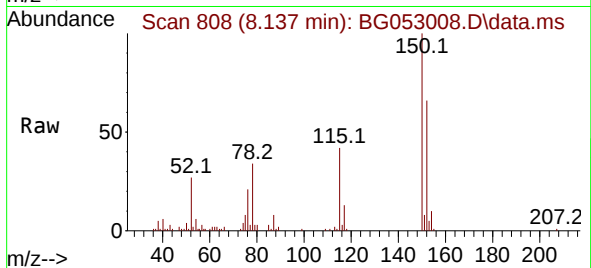
Quant Time: Apr 05 01:06:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 16:48:57 2022
Response via : Initial Calibration



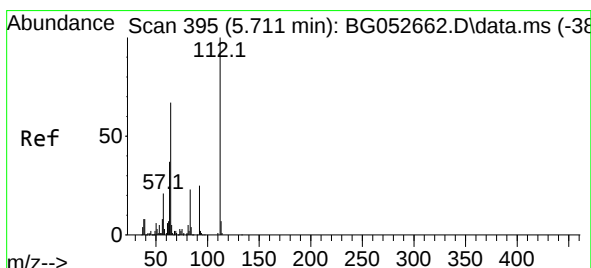
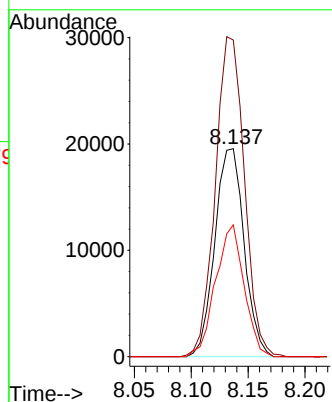
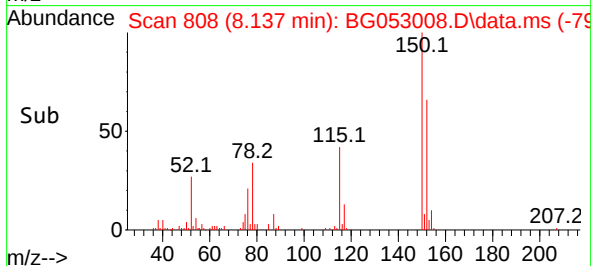


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.137 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Instrument :
BNA_G
ClientSampleId :
PB143836BL

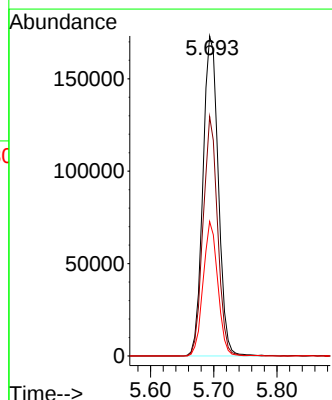
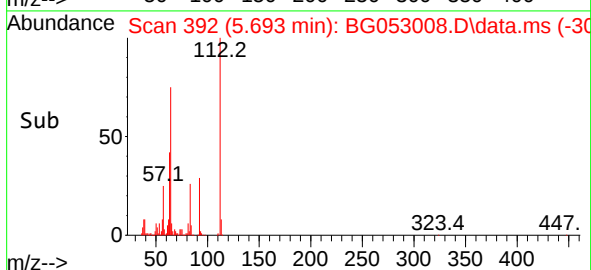
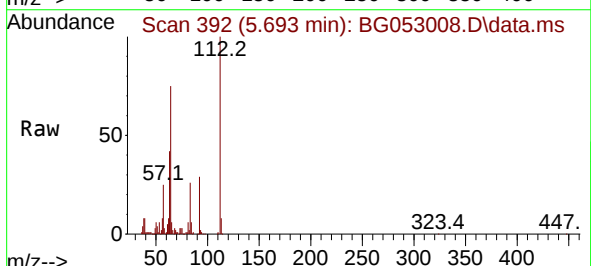


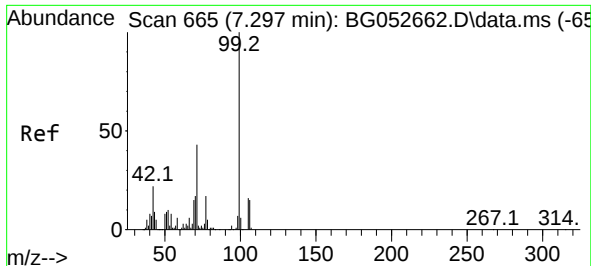
Tgt Ion:152 Resp: 35008
Ion Ratio Lower Upper
152 100
150 152.2 114.6 172.0
115 63.4 45.9 68.9



#5
2-Fluorophenol
Concen: 145.838 ng
RT: 5.693 min Scan# 392
Delta R.T. -0.003 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion:112 Resp: 293164
Ion Ratio Lower Upper
112 100
64 74.8 48.0 72.0#
63 42.0 26.5 39.7#

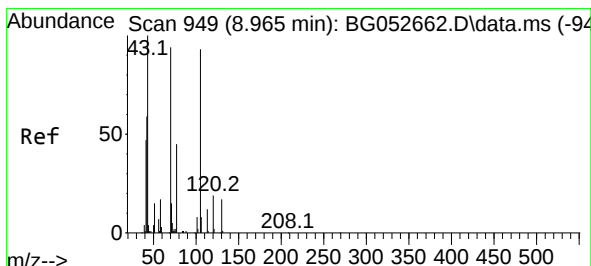
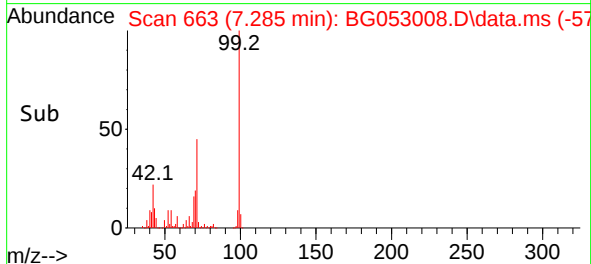
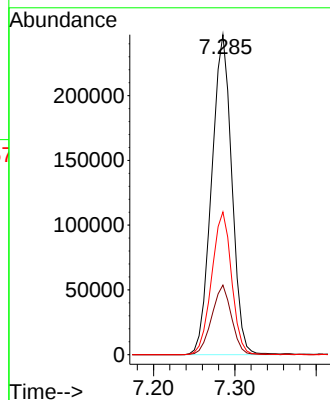
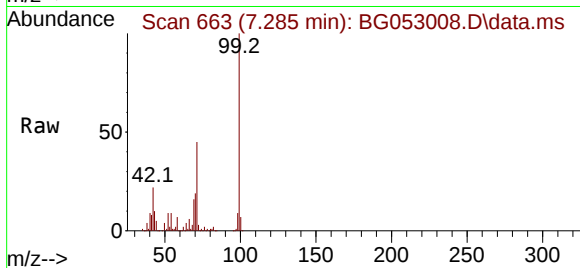




#7
Phenol-d6
Concen: 140.498 ng
RT: 7.285 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

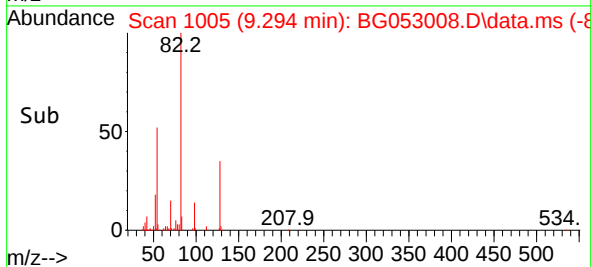
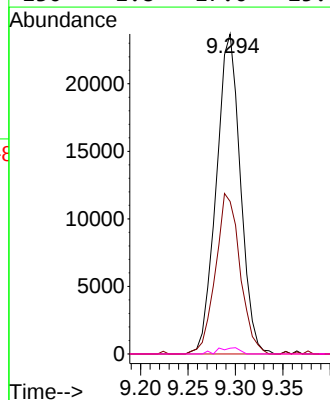
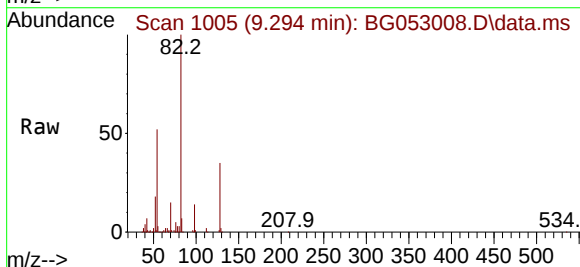
Instrument :
BNA_G
ClientSampleId :
PB143836BL

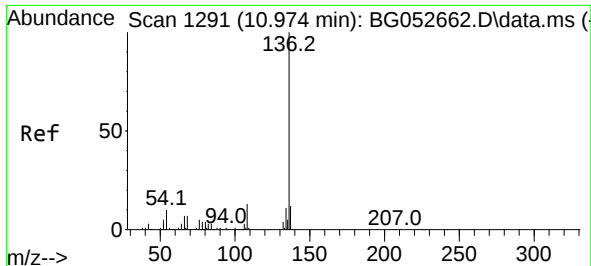
Tgt Ion: 99 Resp: 425793
Ion Ratio Lower Upper
99 100
42 21.7 14.7 22.1
71 44.6 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 19.508 ng
RT: 9.294 min Scan# 1005
Delta R.T. 0.349 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion: 70 Resp: 41873
Ion Ratio Lower Upper
70 100
42 47.7 46.0 69.0
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#

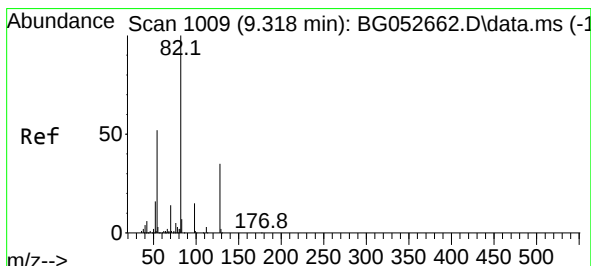
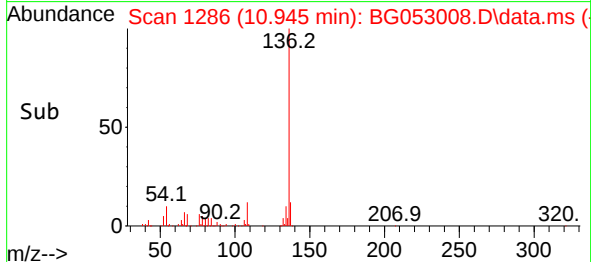
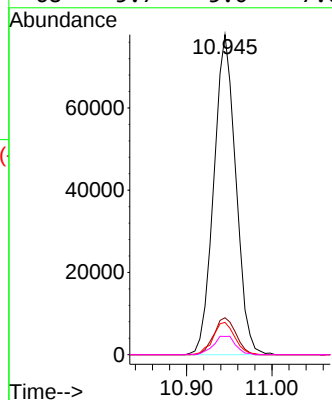
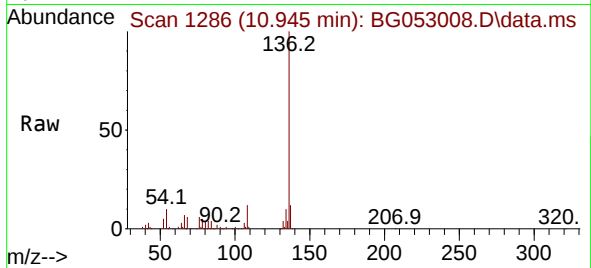




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.945 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

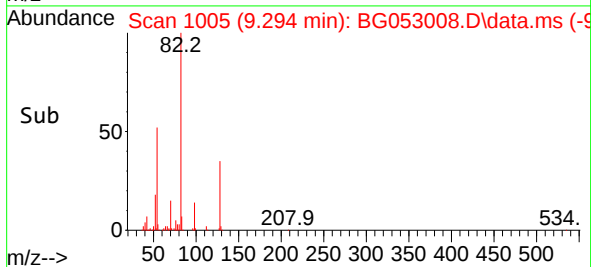
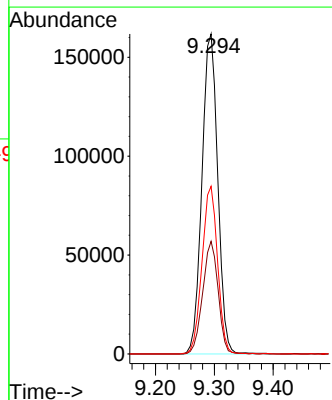
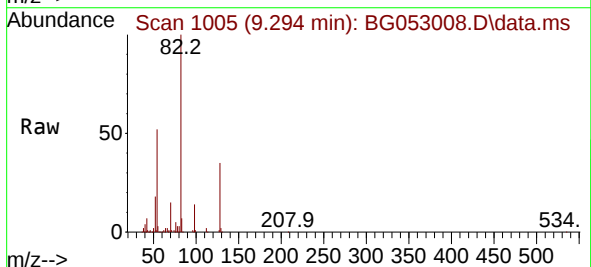
Instrument :
BNA_G
ClientSampleId :
PB143836BL

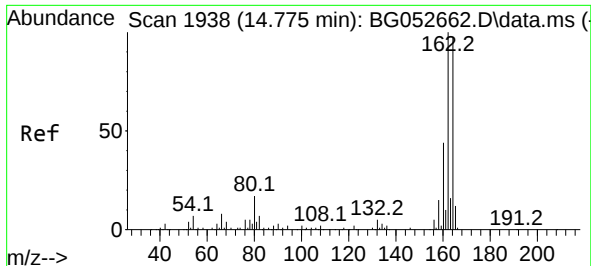
Tgt Ion:136 Resp: 139625
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 10.1 6.4 9.6#
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 108.559 ng
RT: 9.294 min Scan# 1005
Delta R.T. -0.009 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion: 82 Resp: 302001
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 52.4 37.8 56.8

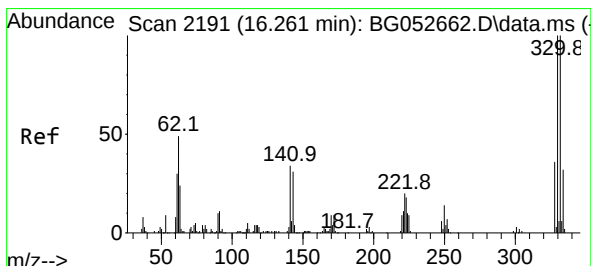
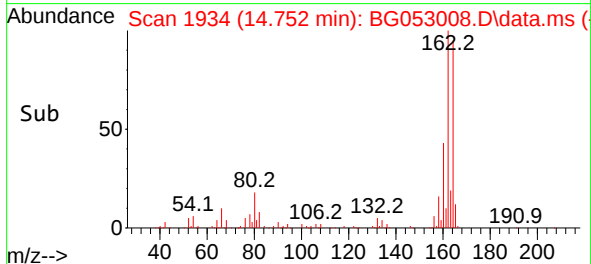
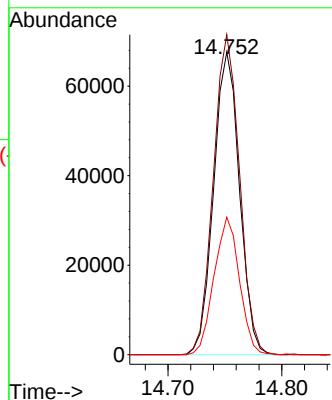
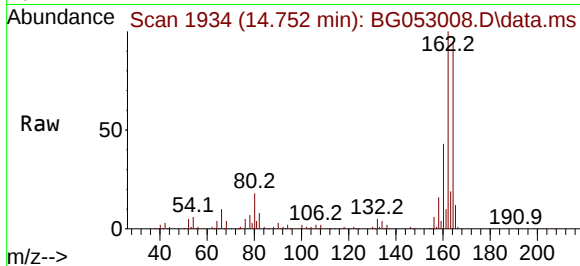




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.752 min Scan# 1934
Delta R.T. -0.015 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

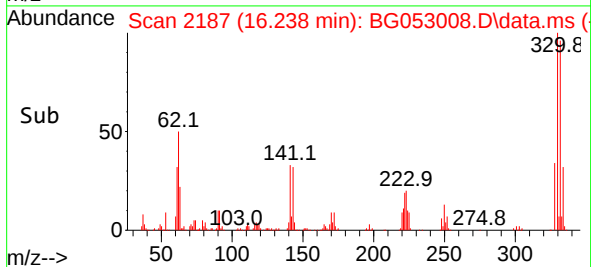
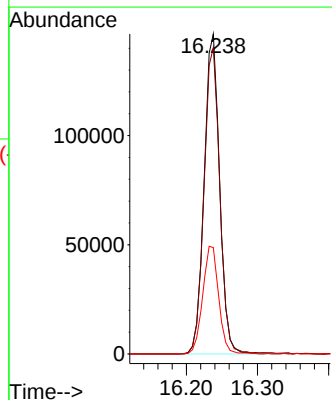
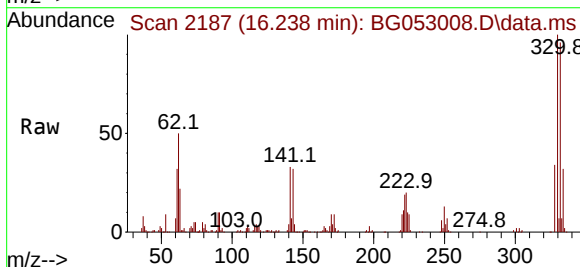
Instrument :
BNA_G
ClientSampleId :
PB143836BL

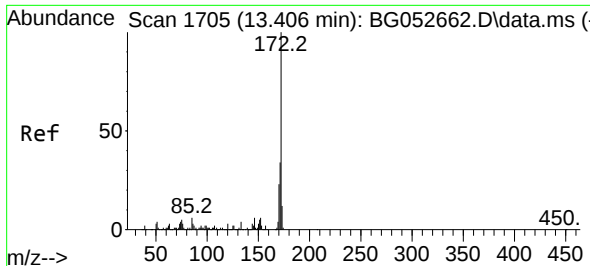
Tgt Ion:164 Resp: 106713
Ion Ratio Lower Upper
164 100
162 105.8 80.0 120.0
160 45.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 155.201 ng
RT: 16.238 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion:330 Resp: 222548
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 34.7 24.6 36.8

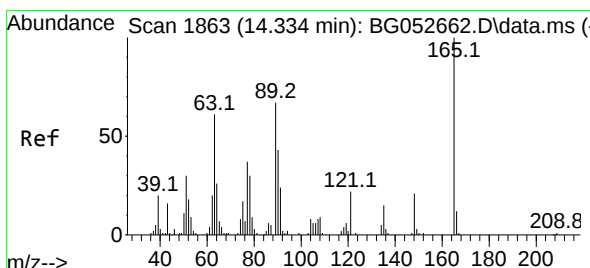
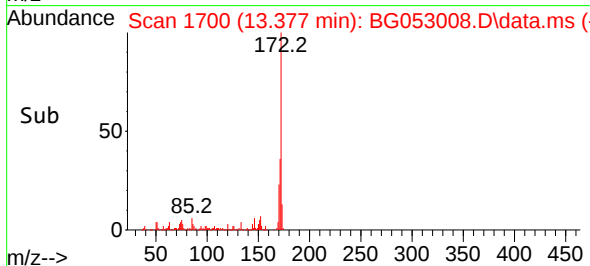
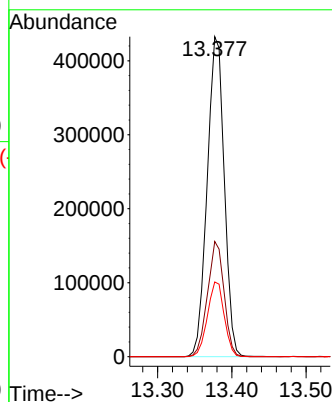
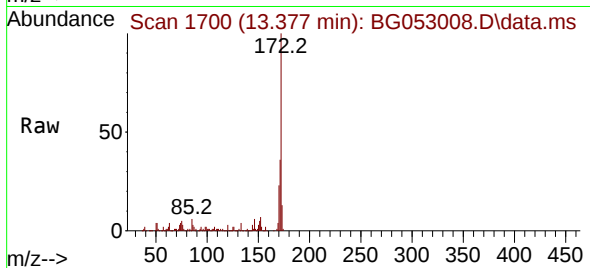




#45
2-Fluorobiphenyl
Concen: 95.513 ng
RT: 13.377 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

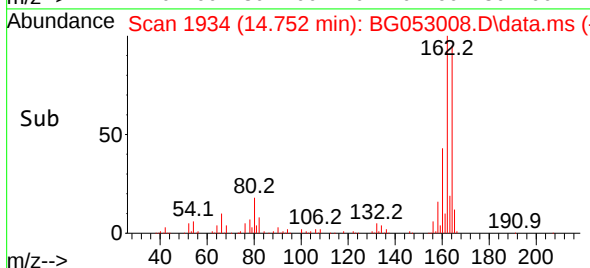
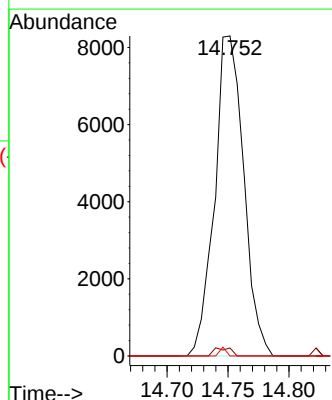
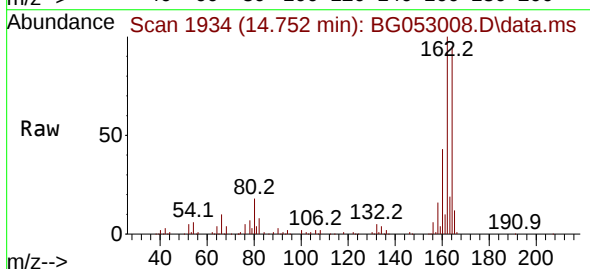
Instrument :
BNA_G
ClientSampleId :
PB143836BL

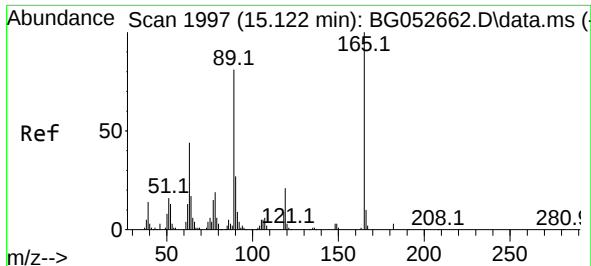
Tgt Ion:172 Resp: 691085
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.297 ng
RT: 14.752 min Scan# 1934
Delta R.T. 0.426 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion:165 Resp: 13788
Ion Ratio Lower Upper
165 100
63 2.5 43.7 65.5#
89 0.0 45.0 67.4#

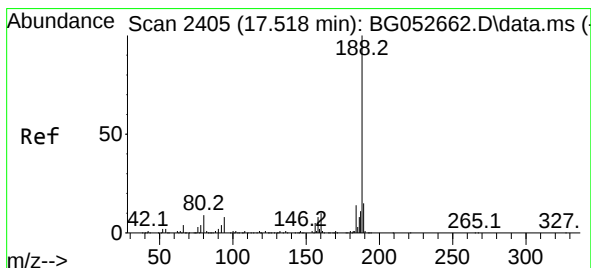
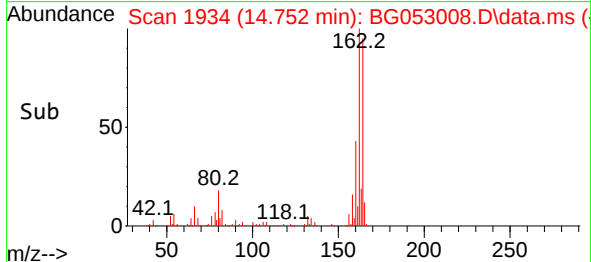
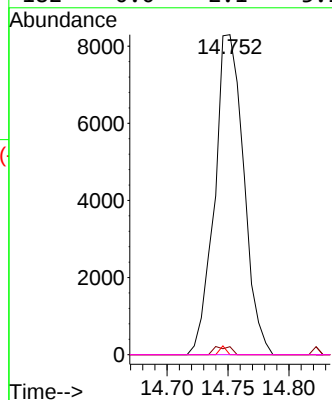
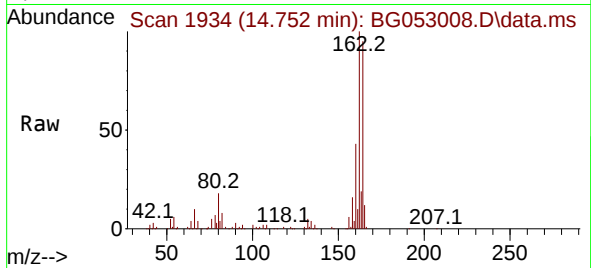




#57
2,4-Dinitrotoluene
Concen: 7.421 ng
RT: 14.752 min Scan# 1997
Delta R.T. -0.362 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

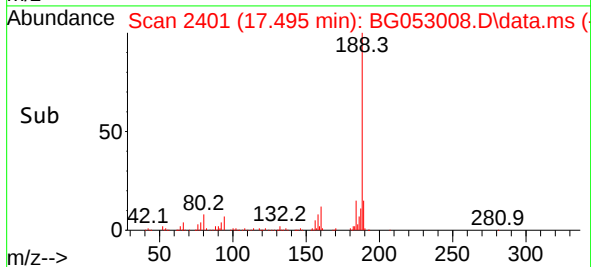
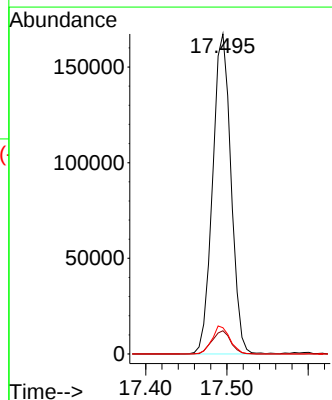
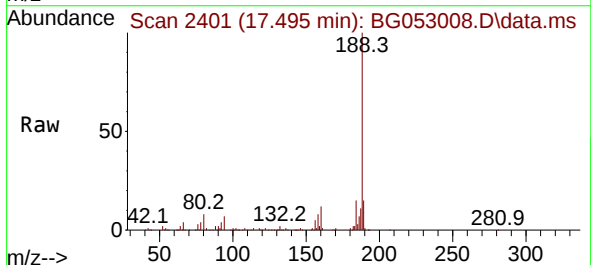
Instrument :
BNA_G
ClientSampleId :
PB143836BL

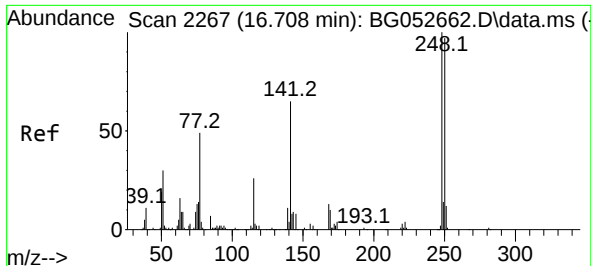
Tgt Ion:165 Resp: 13788
Ion Ratio Lower Upper
165 100
63 2.5 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion:188 Resp: 262852
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.2 7.2 10.8

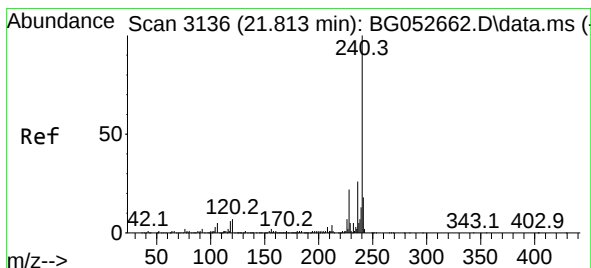
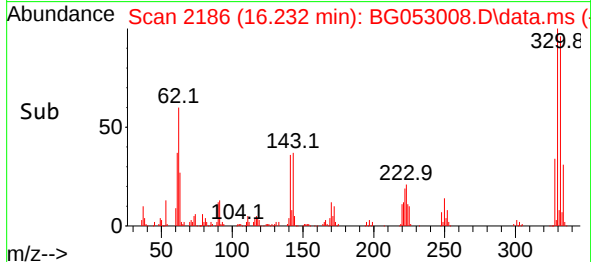
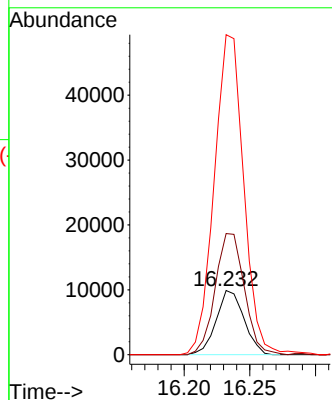
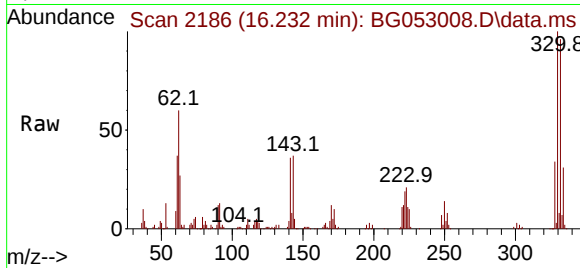




#67
4-Bromophenyl-phenylether
Concen: 4.608 ng
RT: 16.232 min Scan# 2186
Delta R.T. -0.461 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

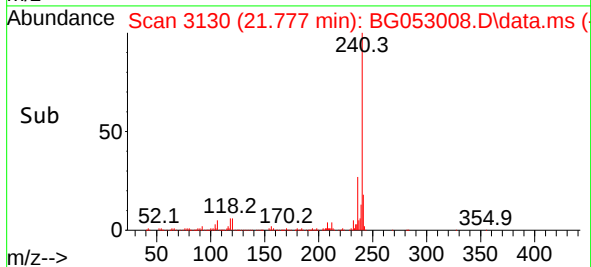
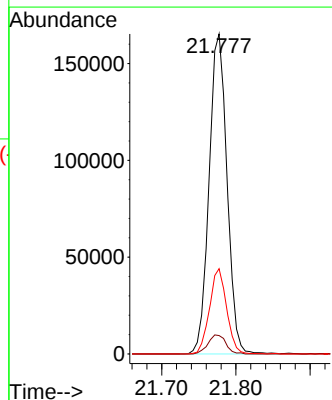
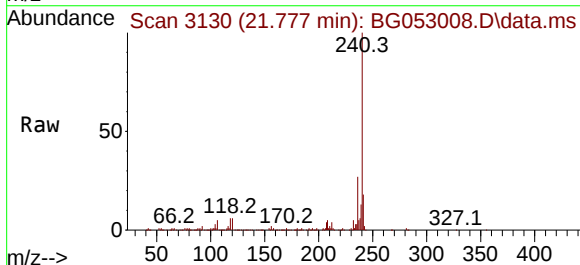
Instrument :
BNA_G
ClientSampleId :
PB143836BL

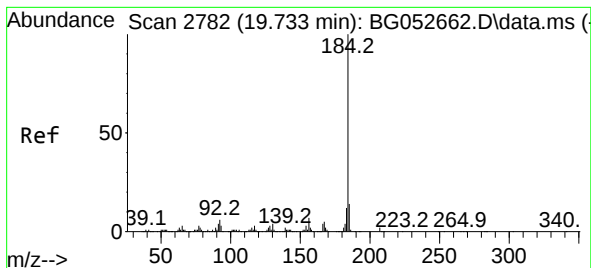
Tgt Ion:248 Resp: 14603
Ion Ratio Lower Upper
248 100
250 188.5 77.9 116.9#
141 498.4 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. -0.021 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Tgt Ion:240 Resp: 277804
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 26.7 19.8 29.6





#77

Benzidine

Concen: 3.362 ng

RT: 20.097 min Scan# 2844

Delta R.T. 0.373 min

Lab File: BG053008.D

Acq: 4 Apr 2022 15:05

Instrument :

BNA_G

ClientSampleId :

PB143836BL

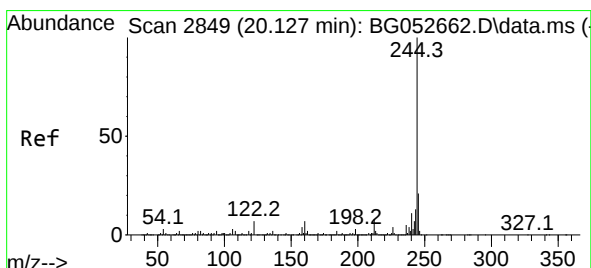
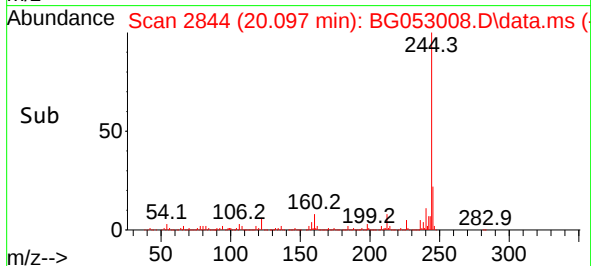
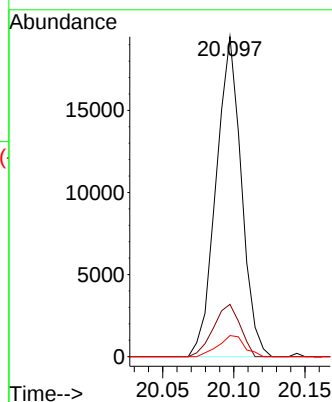
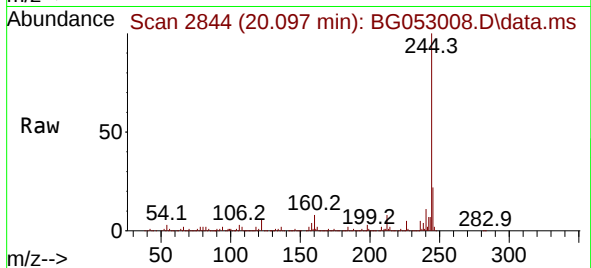
Tgt Ion:184 Resp: 24090

Ion Ratio Lower Upper

184 100

185 16.3 11.5 17.3

183 6.6 9.4 14.2#



#79

Terphenyl-d14

Concen: 87.575 ng

RT: 20.097 min Scan# 2844

Delta R.T. -0.015 min

Lab File: BG053008.D

Acq: 4 Apr 2022 15:05

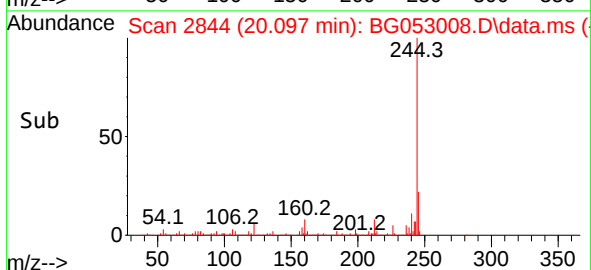
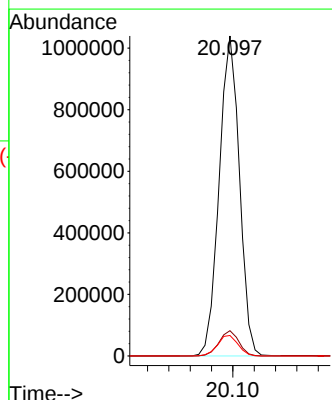
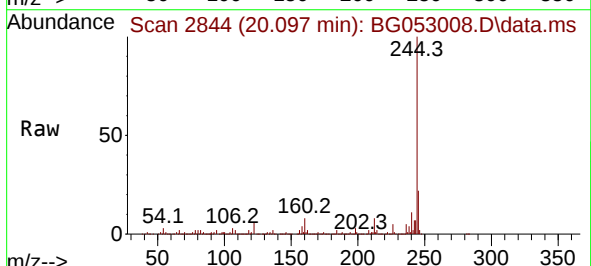
Tgt Ion:244 Resp: 1367663

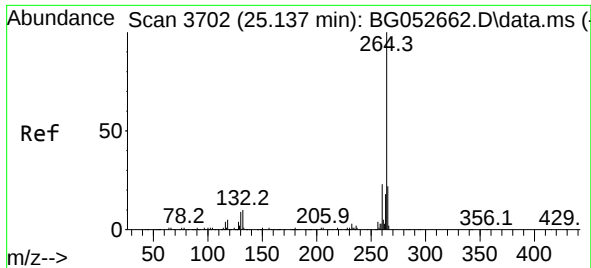
Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 6.4 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.079 min Scan# 30
Delta R.T. -0.033 min
Lab File: BG053008.D
Acq: 4 Apr 2022 15:05

Instrument :
BNA_G
ClientSampleId :
PB143836BL

Tgt Ion:264 Resp: 271457
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.2
265 23.6 15.1 22.7#

