

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053013.D
 Acq On : 4 Apr 2022 18:25
 Operator : CG/JU
 Sample : N2207-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220340-096-21-01

Quant Time: Apr 05 01:07:27 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)

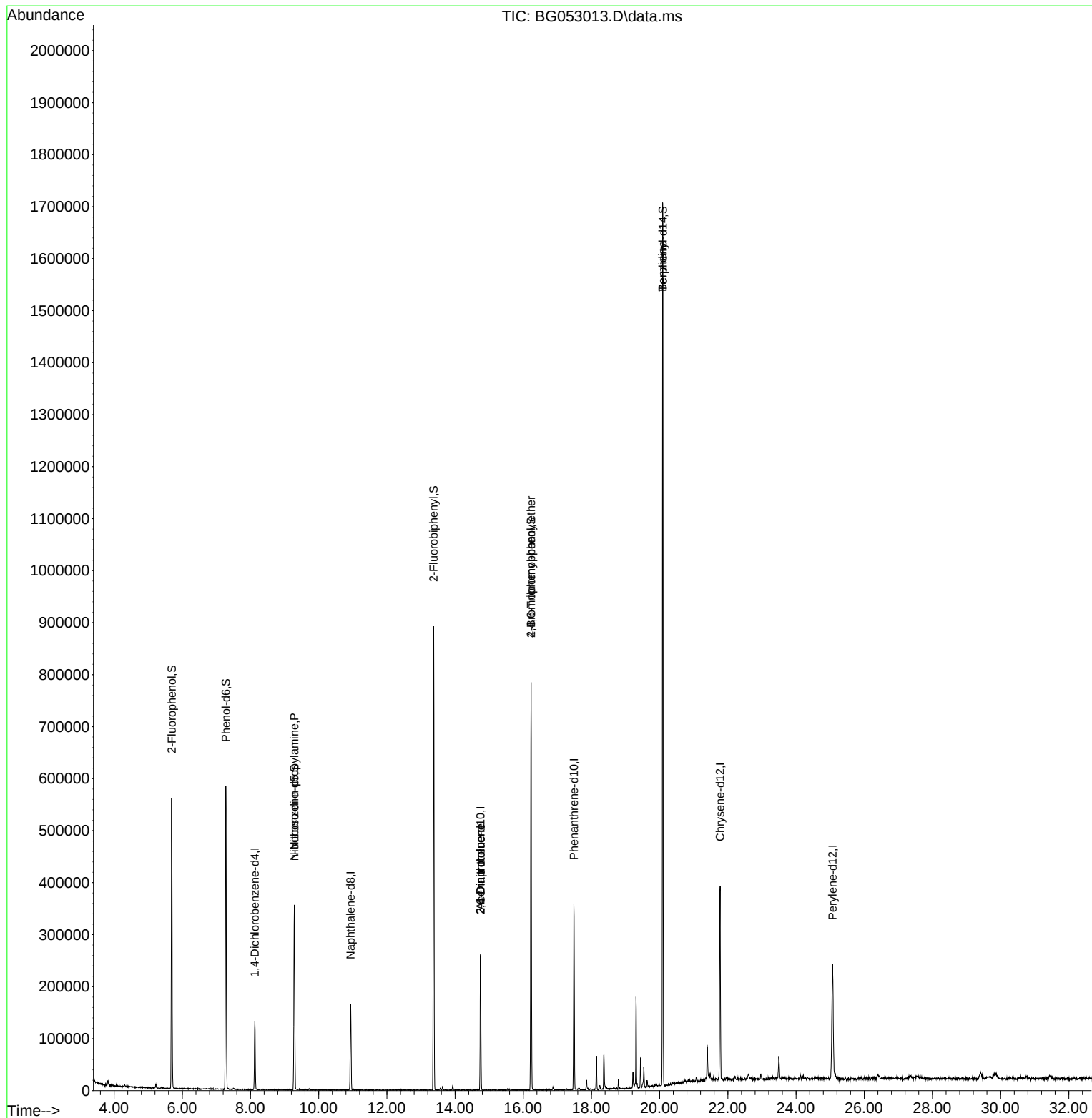
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	35306	20.000	ng	-0.02
21) Naphthalene-d8	10.936	136	136521	20.000	ng	#-0.02
39) Acenaphthene-d10	14.749	164	95548	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	223626	20.000	ng	-0.02
76) Chrysene-d12	21.774	240	241080	20.000	ng	#-0.02
86) Perylene-d12	25.070	264	248698	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	220404	108.717	ng	0.00
7) Phenol-d6	7.276	99	315207	103.130	ng	-0.01
23) Nitrobenzene-d5	9.285	82	229414	84.341	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	151725	118.174	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	476590	73.565	ng	-0.02
79) Terphenyl-d14	20.094	244	877581	64.754	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	7.271	77	931	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.285	70	32132	14.844	ng	# 79
51) 2,6-Dinitrotoluene	14.743	165	12189	10.166	ng	# 24
57) 2,4-Dinitrotoluene	14.743	165	12189	7.327	ng	# 22
67) 4-Bromophenyl-phenylether	16.229	248	9722	3.606	ng	# 1
77) Benzidine	20.088	184	15621	2.512	ng	# 90

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

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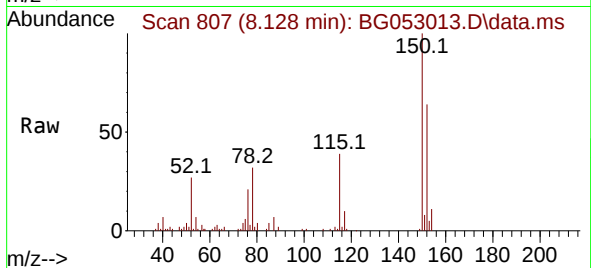
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 16:48:57 2022
Response via : Initial Calibration



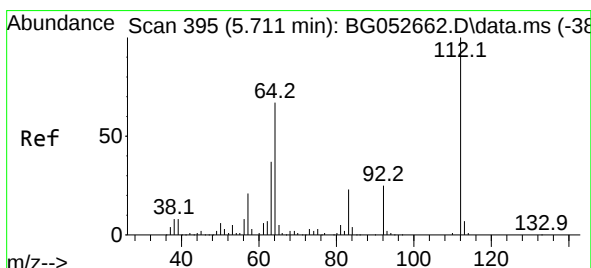
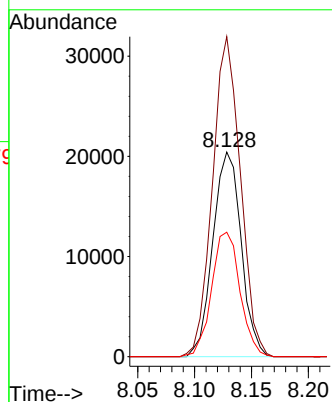
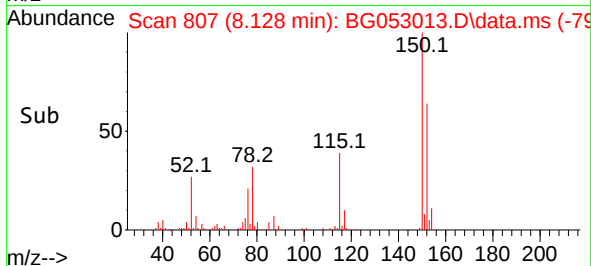


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01

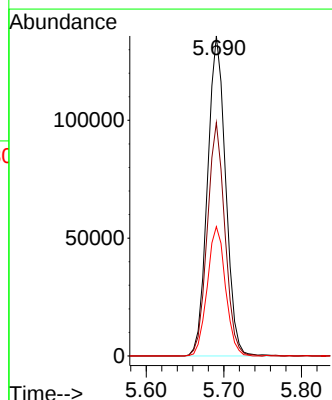
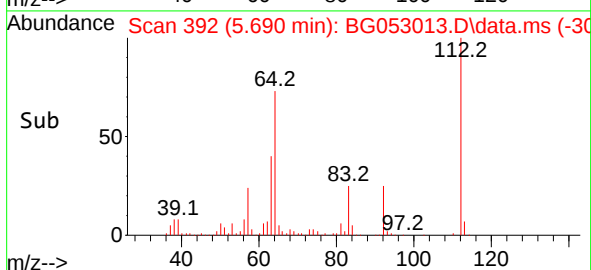
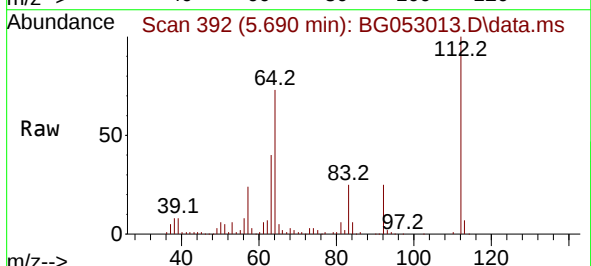


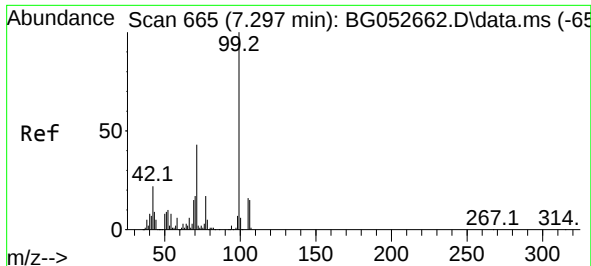
Tgt Ion:152 Resp: 35306
Ion Ratio Lower Upper
152 100
150 156.4 114.6 172.0
115 60.9 45.9 68.9



#5
2-Fluorophenol
Concen: 108.717 ng
RT: 5.690 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Tgt Ion:112 Resp: 220404
Ion Ratio Lower Upper
112 100
64 72.9 48.0 72.0#
63 40.4 26.5 39.7#

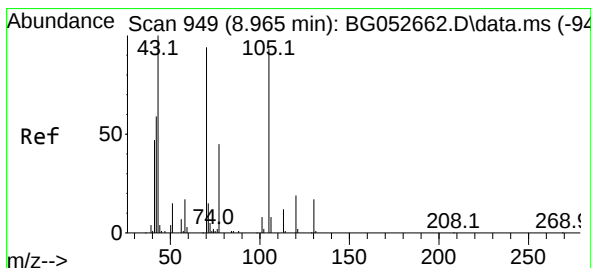
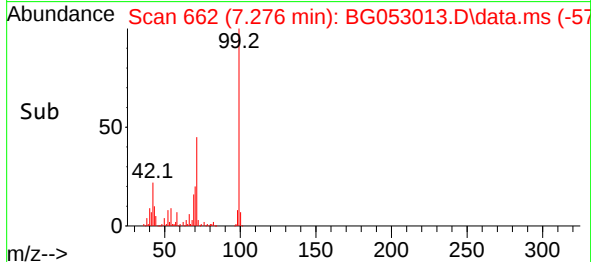
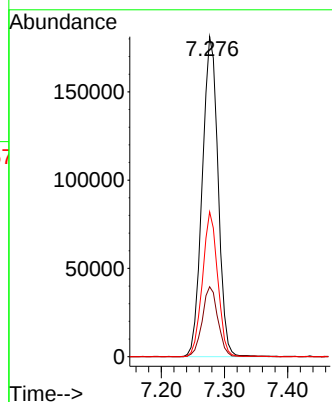
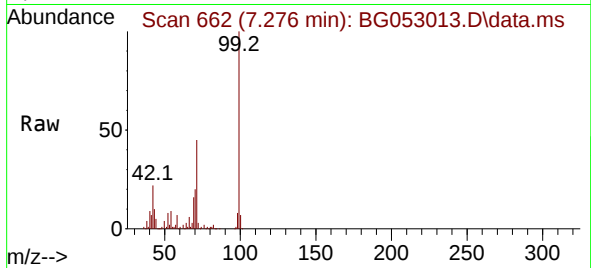




#7
Phenol-d6
Concen: 103.130 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

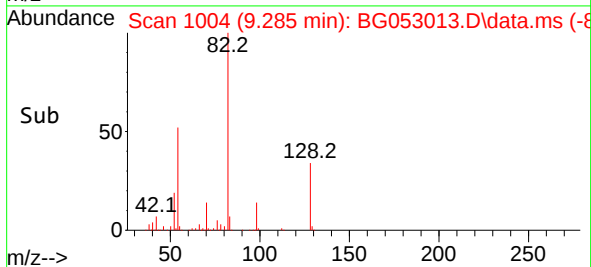
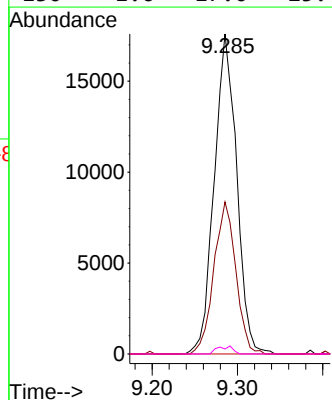
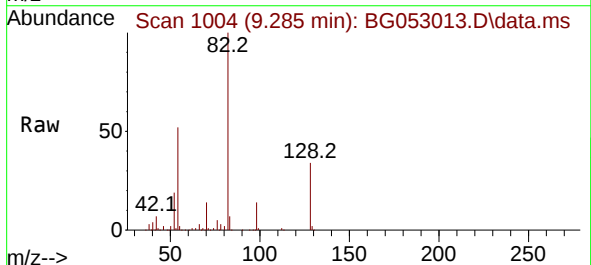
Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01

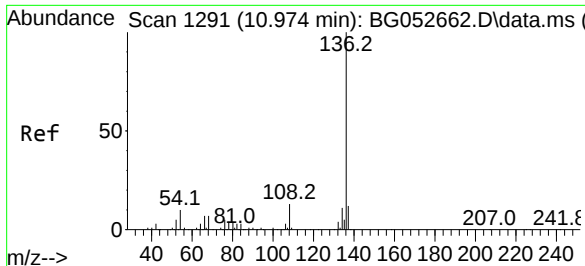
Tgt Ion: 99 Resp: 315207
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 45.2 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.844 ng
RT: 9.285 min Scan# 1004
Delta R.T. 0.340 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Tgt Ion: 70 Resp: 32132
Ion Ratio Lower Upper
70 100
42 47.5 46.0 69.0
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#

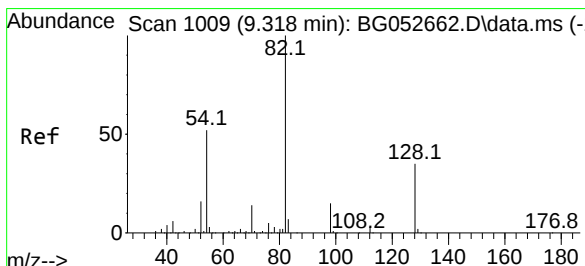
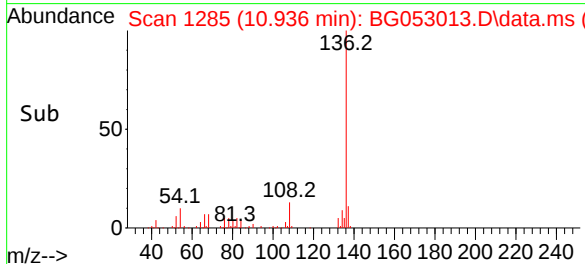
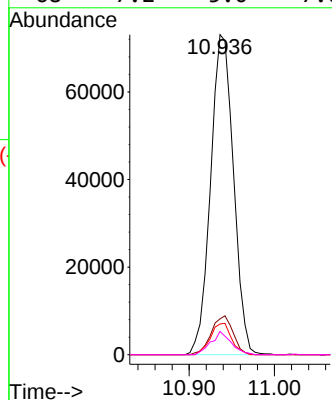
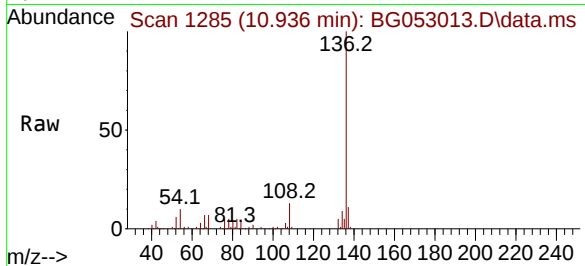




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

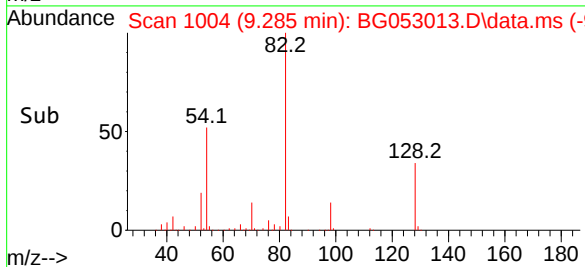
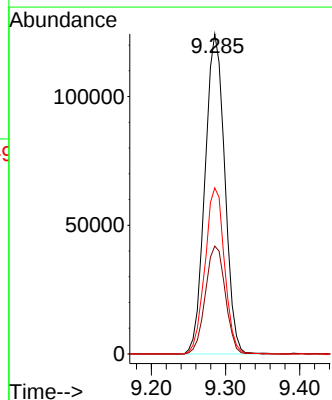
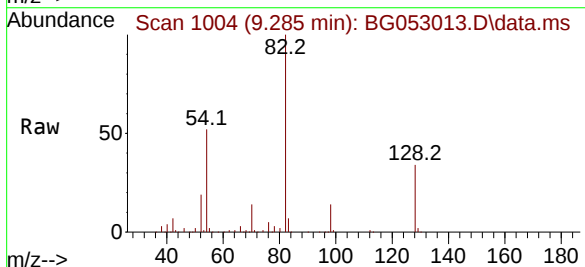
Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01

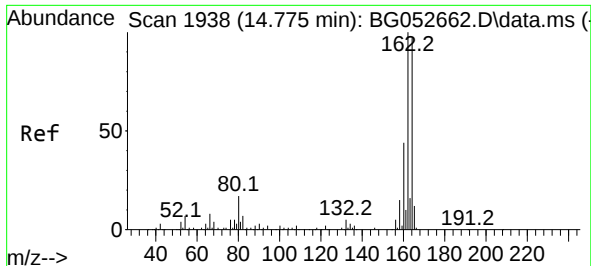
Tgt Ion:136 Resp: 136521
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 9.6 6.4 9.6#
68 7.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 84.341 ng
RT: 9.285 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Tgt Ion: 82 Resp: 229414
Ion Ratio Lower Upper
82 100
128 33.7 31.3 46.9
54 51.9 37.8 56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.749 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG053013.D

Acq: 4 Apr 2022 18:25

Instrument :

BNA_G

ClientSampleId :

20220340-096-21-01

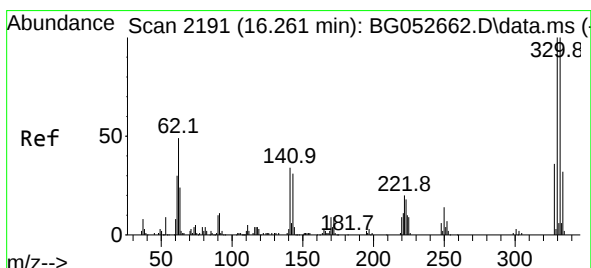
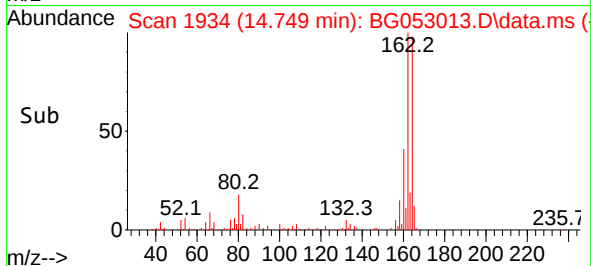
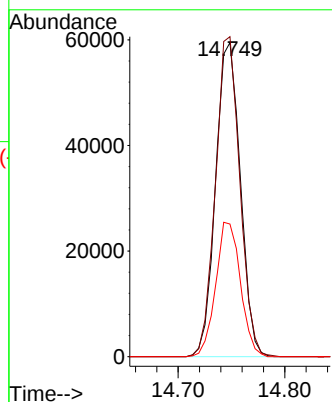
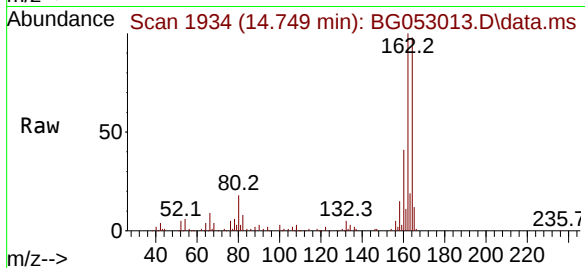
Tgt Ion:164 Resp: 95548

Ion Ratio Lower Upper

164 100

162 101.9 80.0 120.0

160 42.2 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 118.174 ng

RT: 16.229 min Scan# 2186

Delta R.T. -0.018 min

Lab File: BG053013.D

Acq: 4 Apr 2022 18:25

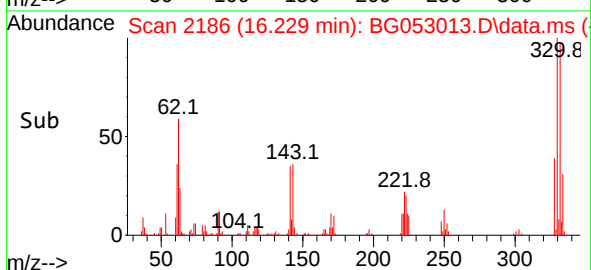
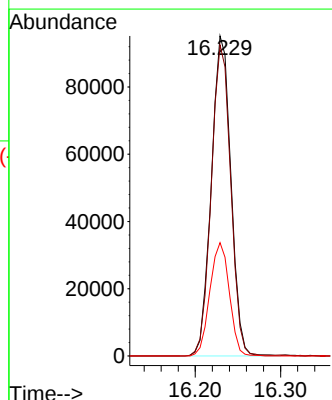
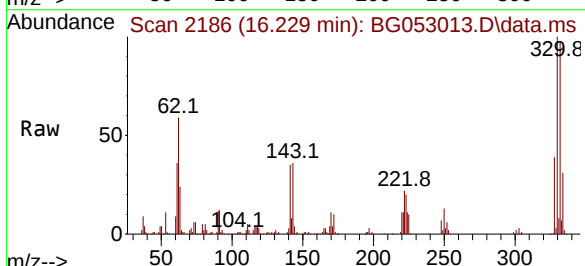
Tgt Ion:330 Resp: 151725

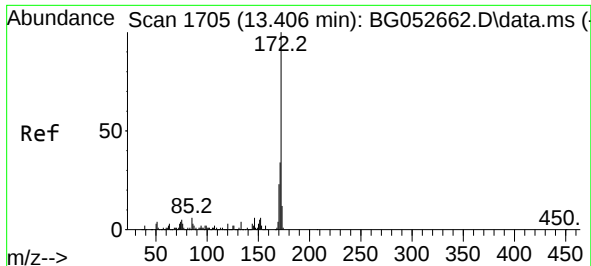
Ion Ratio Lower Upper

330 100

332 96.4 75.8 113.6

141 35.1 24.6 36.8

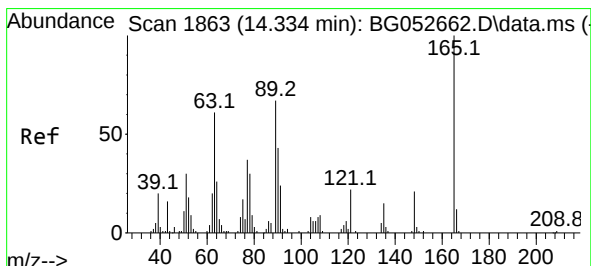
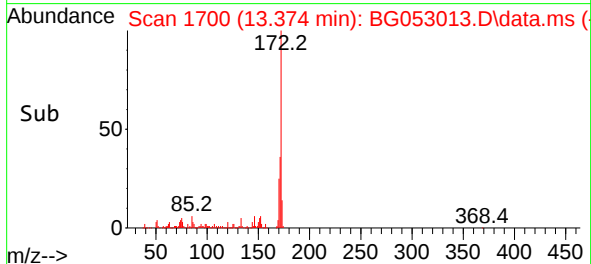
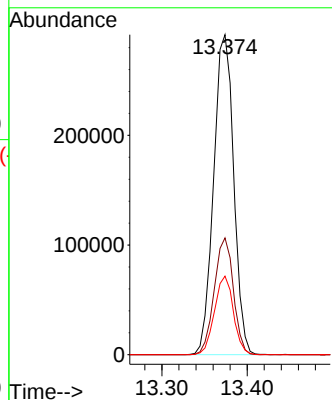
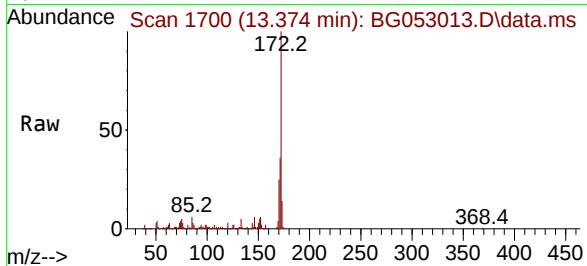




#45
2-Fluorobiphenyl
Concen: 73.565 ng
RT: 13.374 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

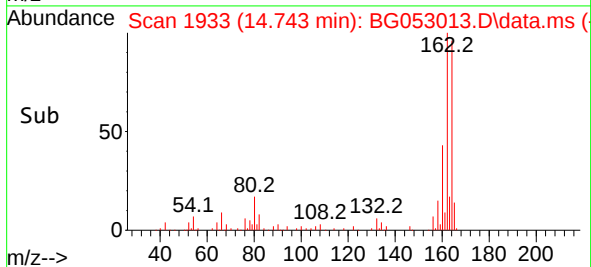
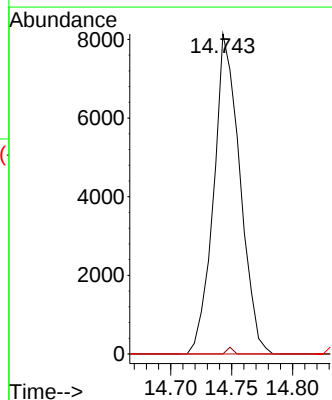
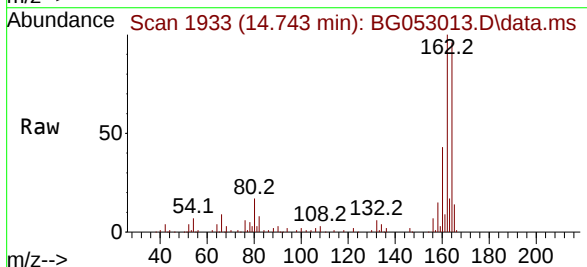
Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01

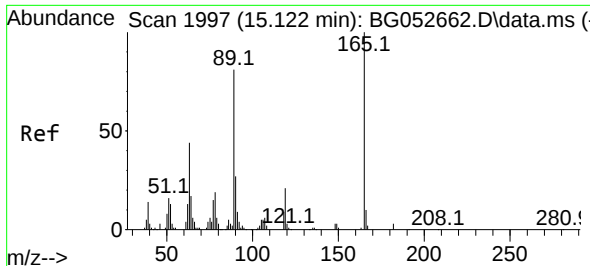
Tgt Ion:172 Resp: 476590
Ion Ratio Lower Upper
172 100
171 36.5 28.3 42.5
170 24.6 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.166 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.417 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

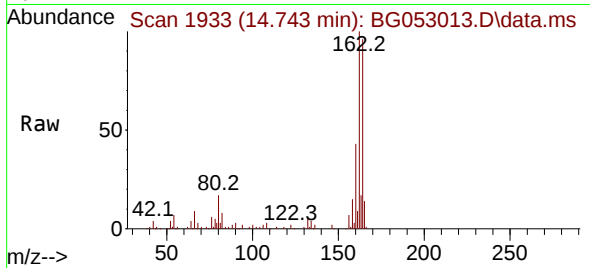
Tgt Ion:165 Resp: 12189
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



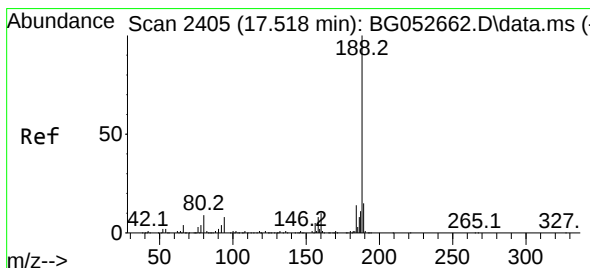
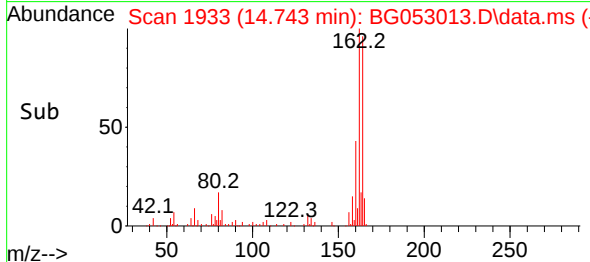
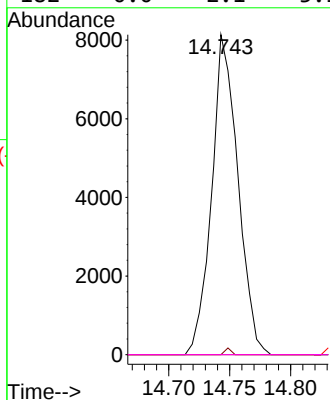


#57
2,4-Dinitrotoluene
Concen: 7.327 ng
RT: 14.743 min Scan# 1997
Delta R.T. -0.370 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01

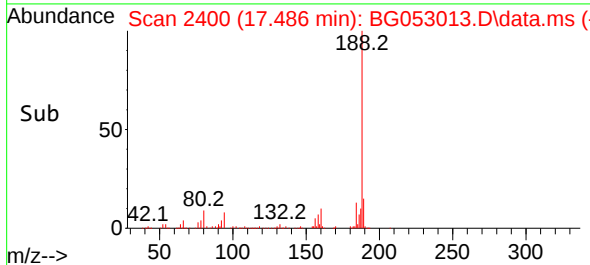
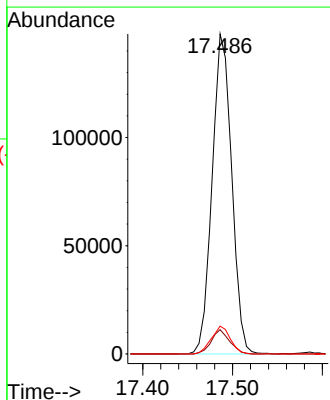
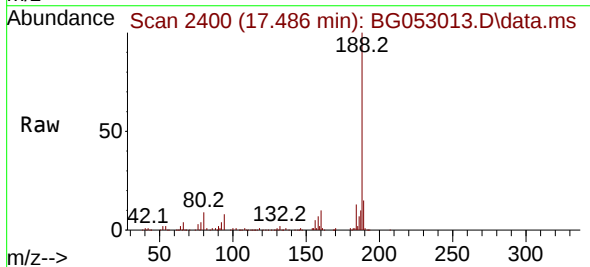


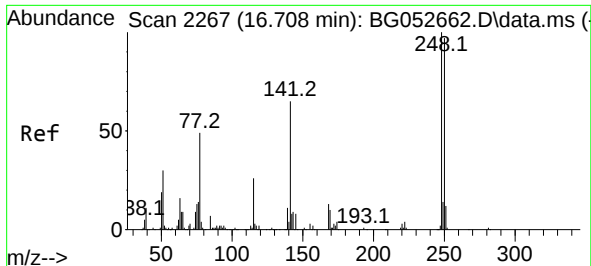
Tgt Ion:165 Resp: 12189
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.018 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

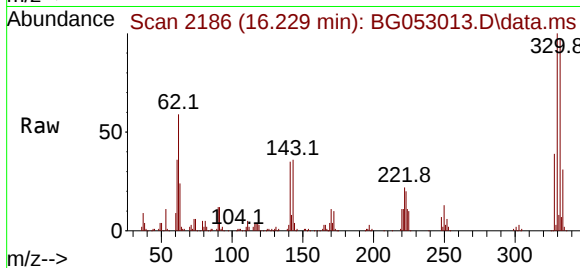
Tgt Ion:188 Resp: 223626
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.7 7.2 10.8



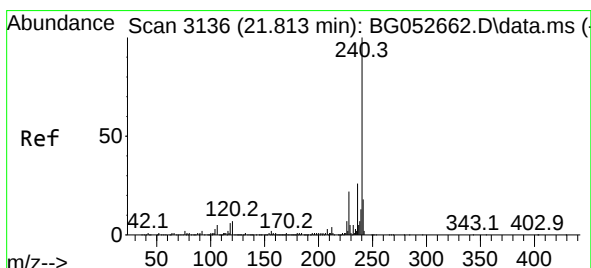
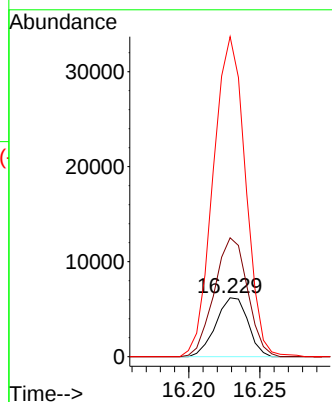
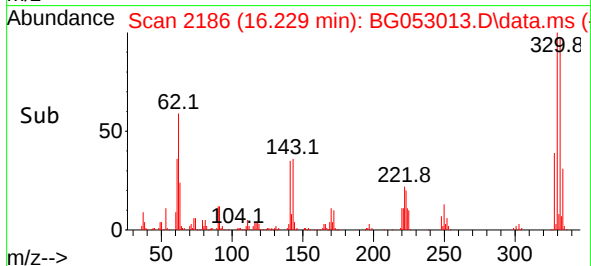


#67
4-Bromophenyl-phenylether
Concen: 3.606 ng
RT: 16.229 min Scan# 21
Delta R.T. -0.464 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

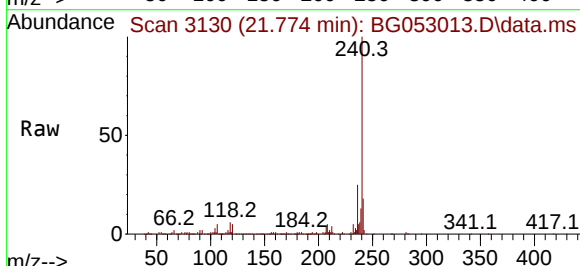
Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01



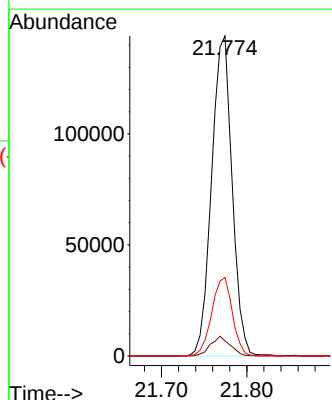
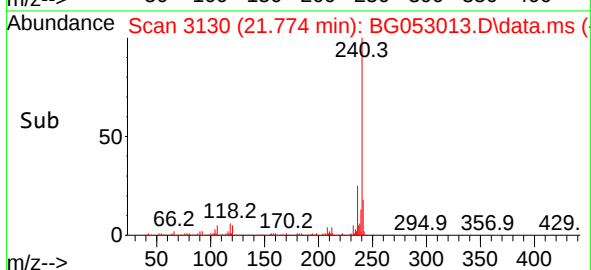
Tgt Ion:248 Resp: 9722
Ion Ratio Lower Upper
248 100
250 202.1 77.9 116.9#
141 544.0 49.2 73.8#

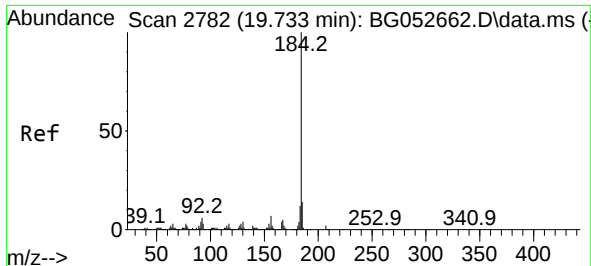


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.774 min Scan# 3130
Delta R.T. -0.024 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25



Tgt Ion:240 Resp: 241080
Ion Ratio Lower Upper
240 100
120 4.8 5.4 8.0#
236 24.5 19.8 29.6

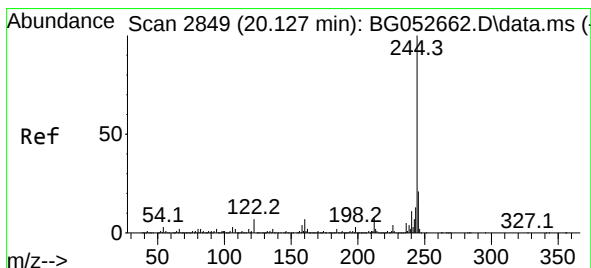
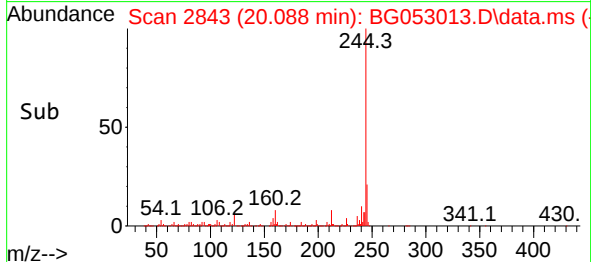
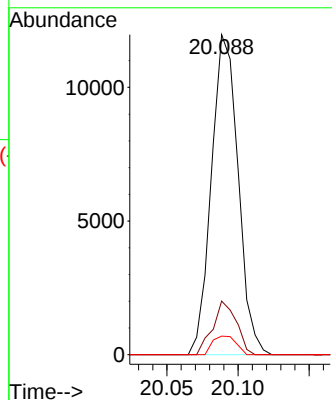
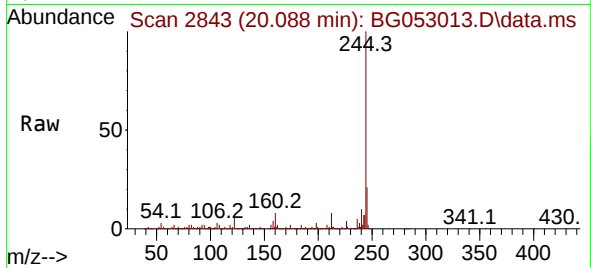




#77
Benzidine
Concen: 2.512 ng
RT: 20.088 min Scan# 21
Delta R.T. 0.364 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

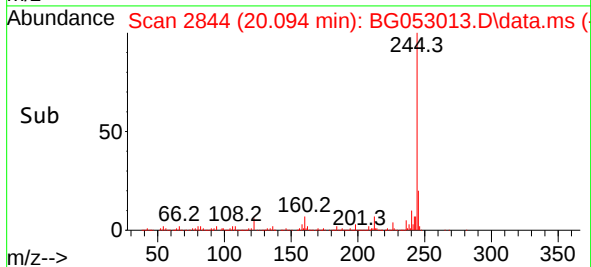
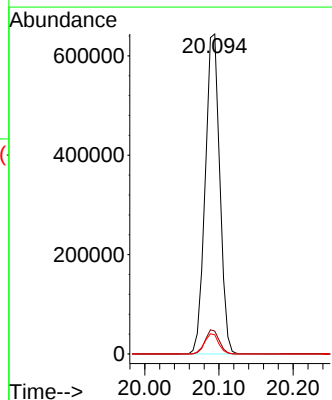
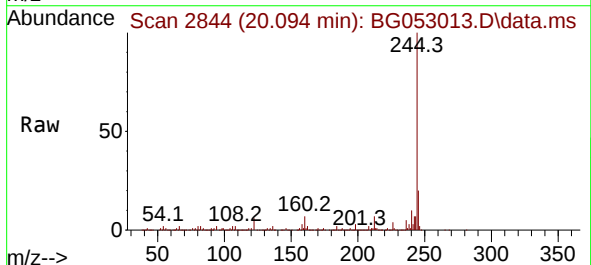
Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01

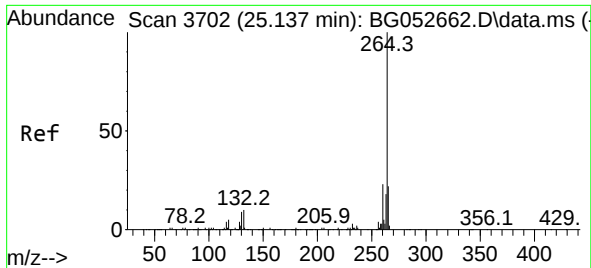
Tgt Ion:184 Resp: 15621
Ion Ratio Lower Upper
184 100
185 16.8 11.5 17.3
183 5.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 64.754 ng
RT: 20.094 min Scan# 2844
Delta R.T. -0.018 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

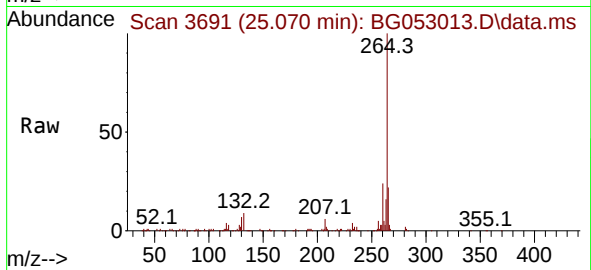
Tgt Ion:244 Resp: 877581
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 6.0 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 30
Delta R.T. -0.041 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01



Tgt Ion:264 Resp: 248698
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.2
265 22.4 15.1 22.7

