

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057095.D
 Acq On : 14 Apr 2023 11:10
 Operator : CG/JU
 Sample : PB152106BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152103BL

Quant Time: Apr 14 11:49:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

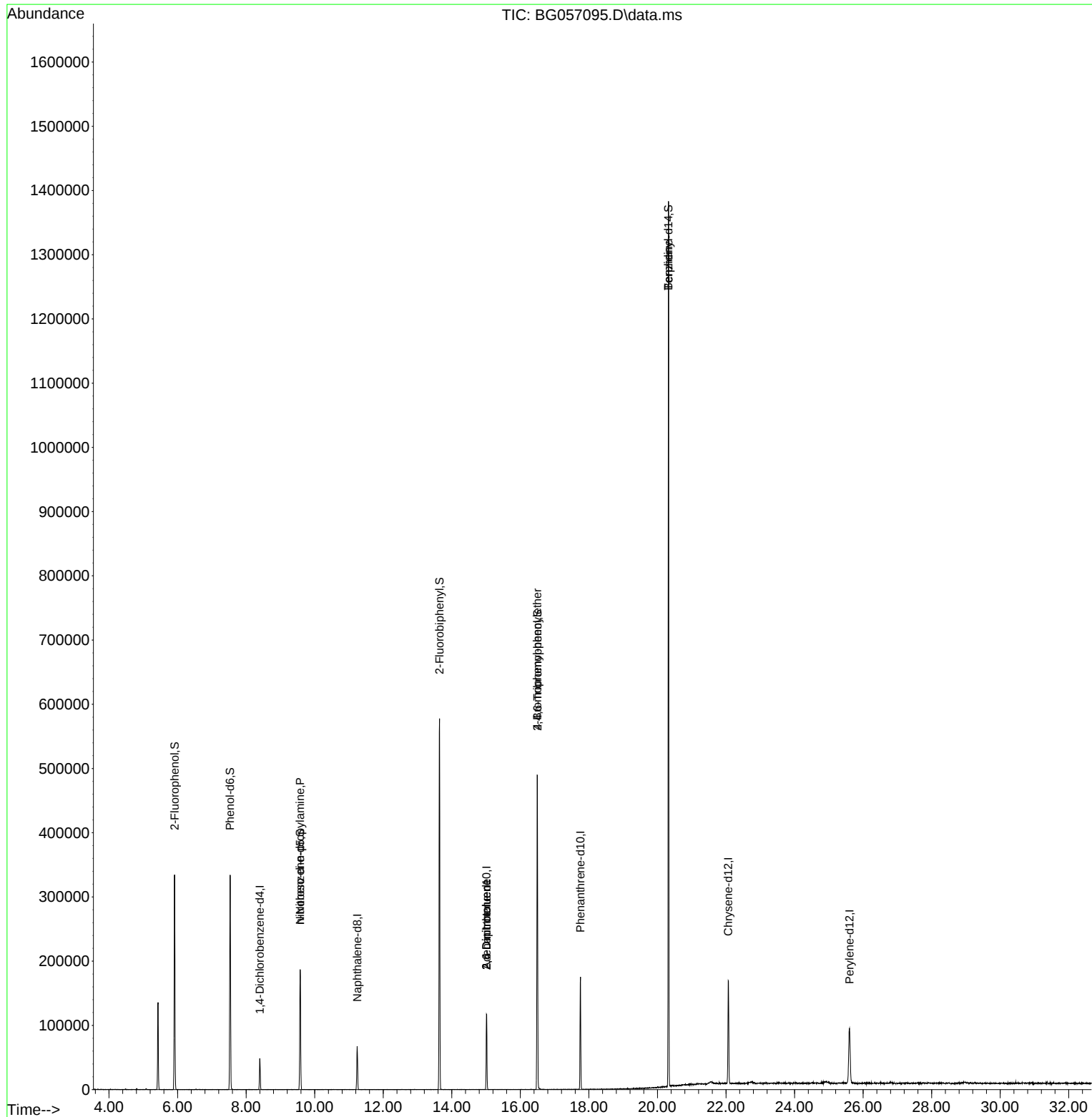
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.396	152	12783	20.000	ng	-0.01
21) Naphthalene-d8	11.239	136	56046	20.000	ng	0.00
39) Acenaphthene-d10	15.011	164	42634	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	113750	20.000	ng	# 0.00
76) Chrysene-d12	22.066	240	102715	20.000	ng	#-0.02
86) Perylene-d12	25.602	264	110033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	138013	172.794	ng	0.00
7) Phenol-d6	7.533	99	193990	162.392	ng	0.00
23) Nitrobenzene-d5	9.577	82	121669	88.827	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	103985	152.674	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	294397	93.635	ng	0.00
79) Terphenyl-d14	20.321	244	659605	108.665	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.577	70	16907	19.787	ng	# 71
51) 2,6-Dinitrotoluene	15.011	165	5194	7.156	ng	# 18
57) 2,4-Dinitrotoluene	15.011	165	5194	5.074	ng	# 18
67) 4-Bromophenyl-phenylether	16.491	248	6531	4.640	ng	# 1
77) Benzidine	20.321	184	10622	3.783	ng	# 91

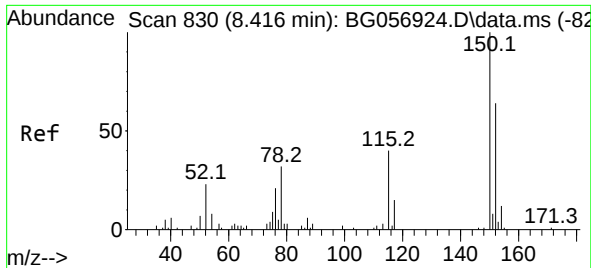
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_G
ClientSampleId :
PB152103BL

Quant Time: Apr 14 11:49:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

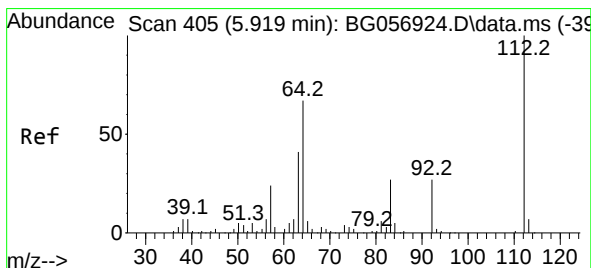
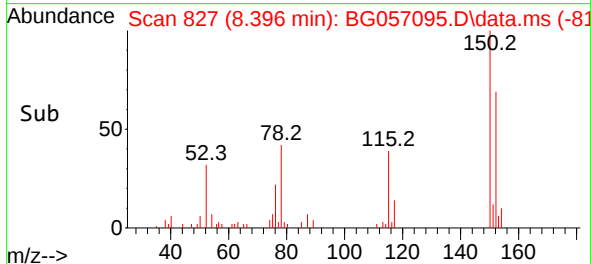
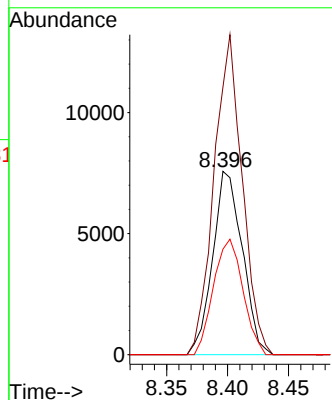
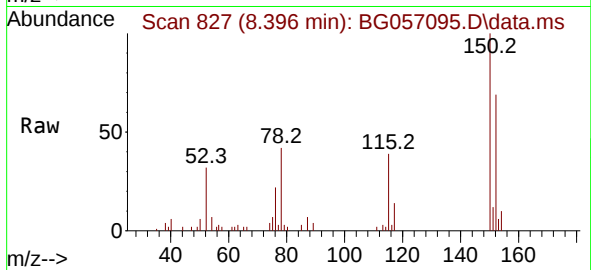




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.396 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

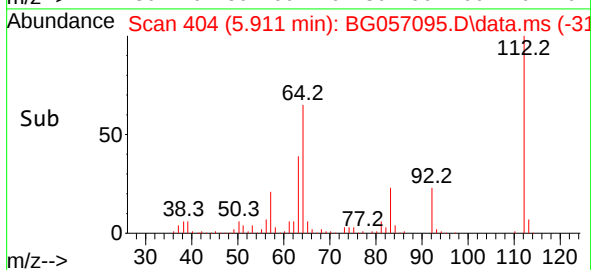
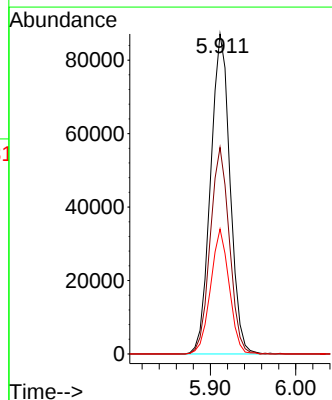
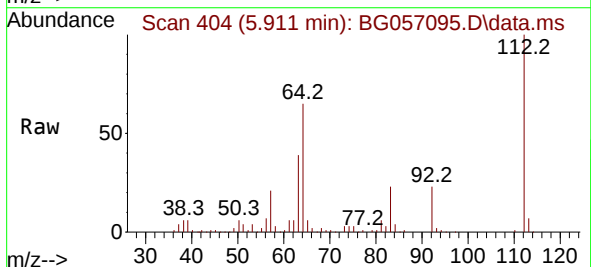
Instrument :
BNA_G
ClientSampleId :
PB152103BL

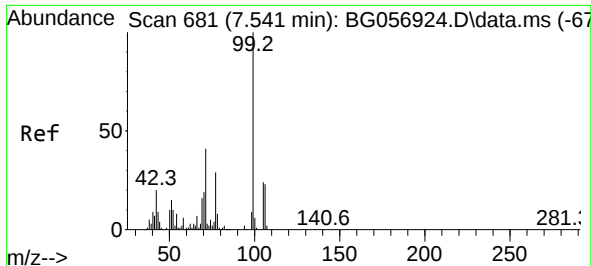
Tgt Ion:152 Resp: 12783
Ion Ratio Lower Upper
152 100
150 145.9 124.1 186.1
115 57.5 49.1 73.7



#5
2-Fluorophenol
Concen: 172.794 ng
RT: 5.911 min Scan# 404
Delta R.T. -0.003 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

Tgt Ion:112 Resp: 138013
Ion Ratio Lower Upper
112 100
64 64.5 53.2 79.8
63 39.0 32.6 48.8

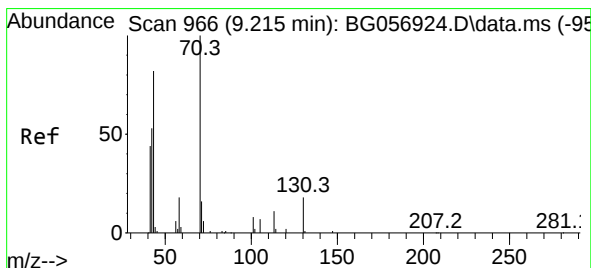
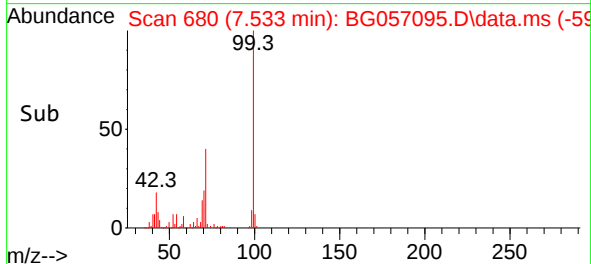
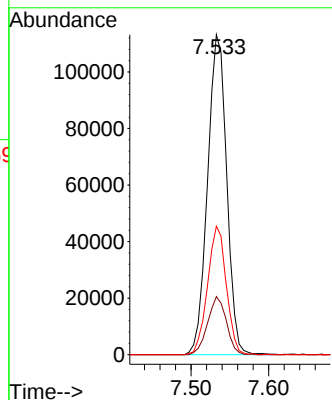
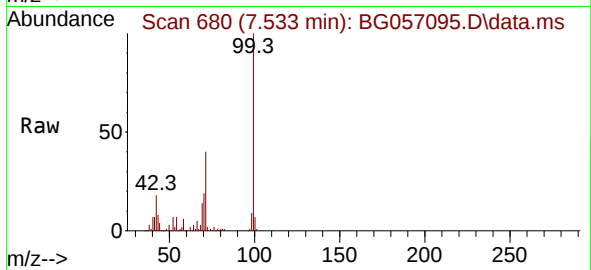




#7
Phenol-d6
Concen: 162.392 ng
RT: 7.533 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

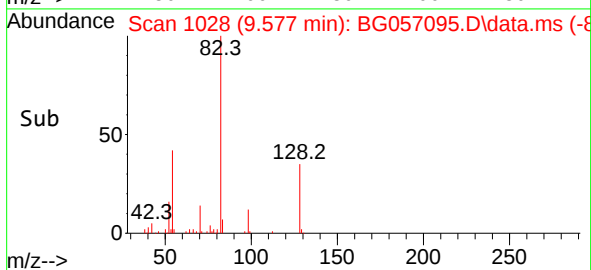
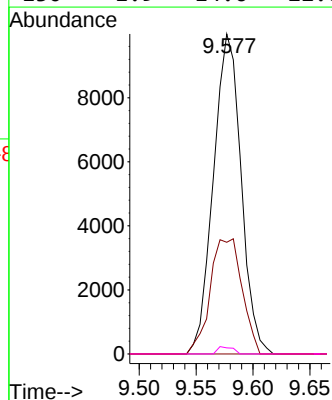
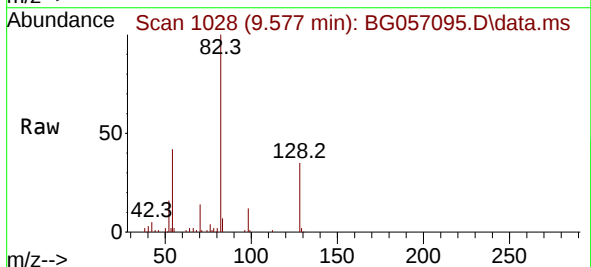
Instrument :
BNA_G
ClientSampleId :
PB152103BL

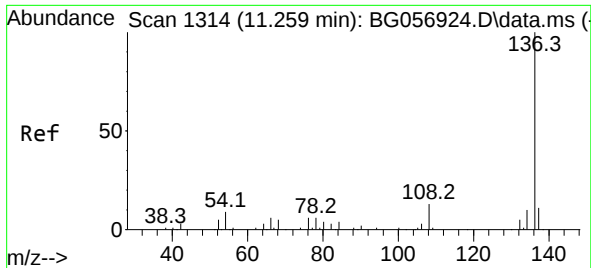
Tgt Ion: 99 Resp: 193990
Ion Ratio Lower Upper
99 100
42 18.1 15.7 23.5
71 40.1 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.787 ng
RT: 9.577 min Scan# 1028
Delta R.T. 0.367 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

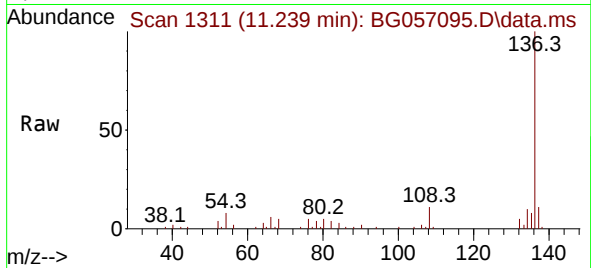
Tgt Ion: 70 Resp: 16907
Ion Ratio Lower Upper
70 100
42 34.9 43.4 65.0#
101 0.0 6.2 9.2#
130 1.9 14.6 22.0#



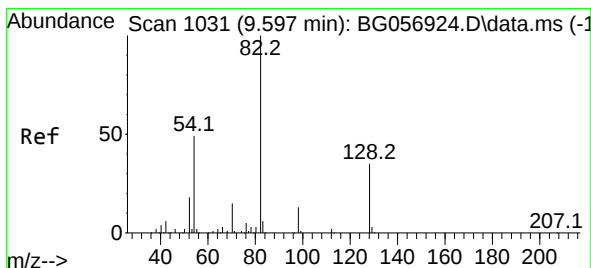
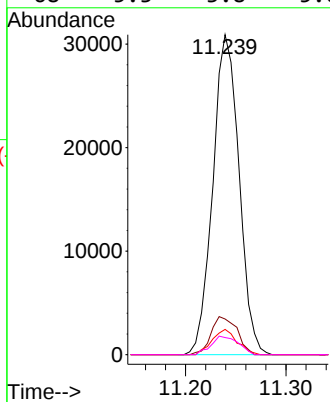
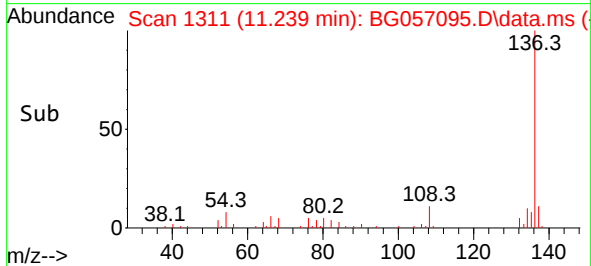


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

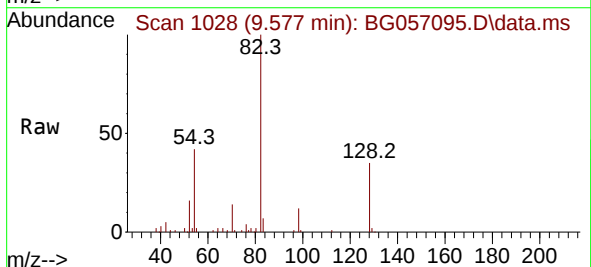
Instrument :
BNA_G
ClientSampleId :
PB152103BL



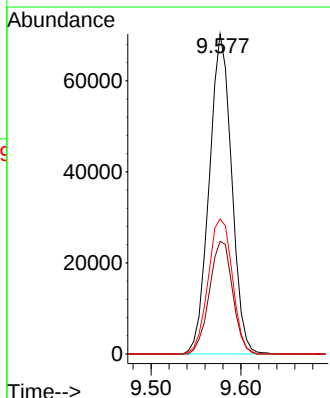
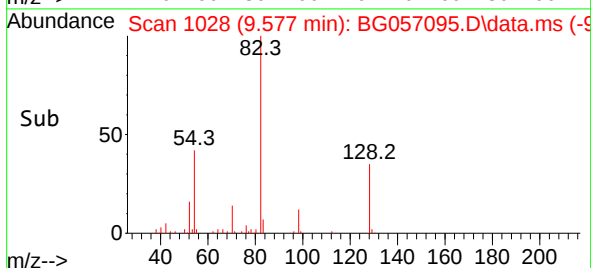
Tgt Ion:	136	Resp:	56046
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	7.9	6.9	10.3
68	5.3	3.8	5.6

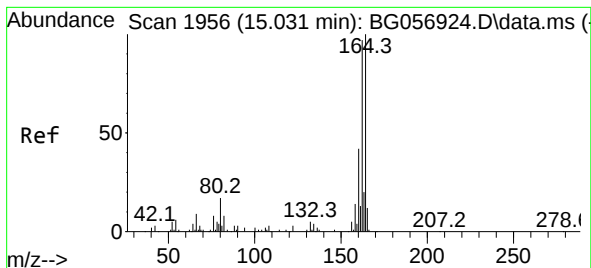


#23
Nitrobenzene-d5
Concen: 88.827 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10



Tgt Ion:	82	Resp:	121669
Ion Ratio	Lower	Upper	
82	100		
128	35.2	27.9	41.9
54	42.2	39.4	59.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.011 min Scan# 1953

Delta R.T. -0.009 min

Lab File: BG057095.D

Acq: 14 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152103BL

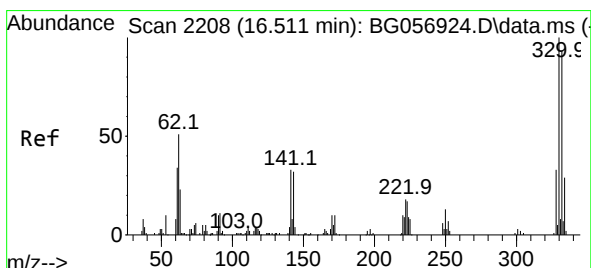
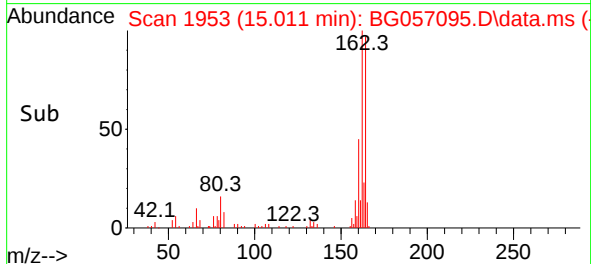
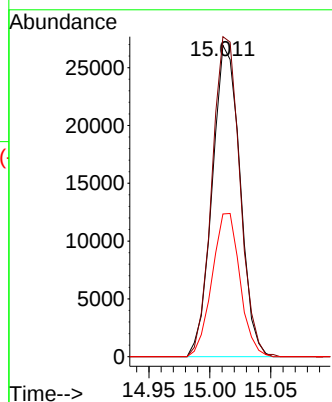
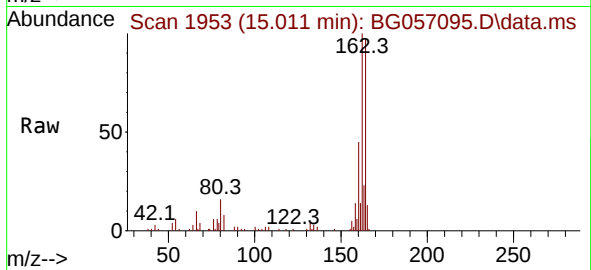
Tgt Ion:164 Resp: 42634

Ion Ratio Lower Upper

164 100

162 102.8 77.8 116.8

160 45.9 33.5 50.3



#42

2,4,6-Tribromophenol

Concen: 152.674 ng

RT: 16.497 min Scan# 2206

Delta R.T. -0.003 min

Lab File: BG057095.D

Acq: 14 Apr 2023 11:10

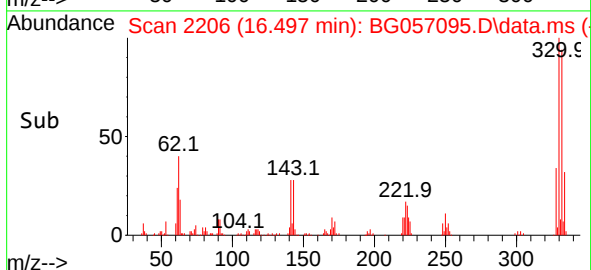
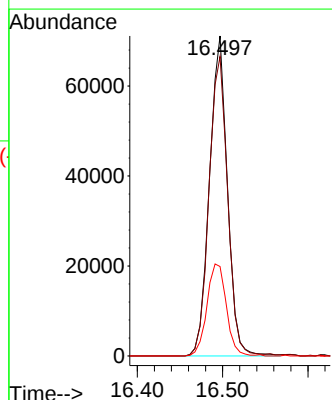
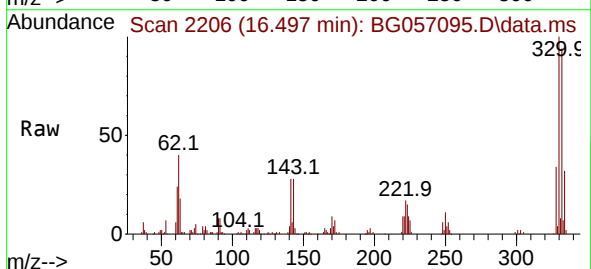
Tgt Ion:330 Resp: 103985

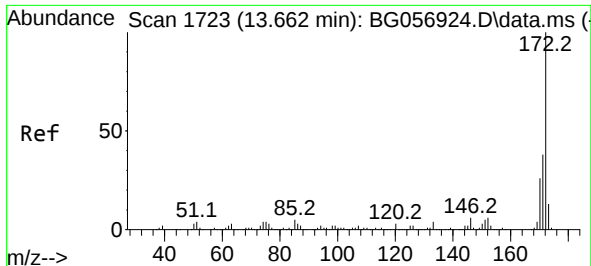
Ion Ratio Lower Upper

330 100

332 96.9 76.1 114.1

141 31.1 25.8 38.6

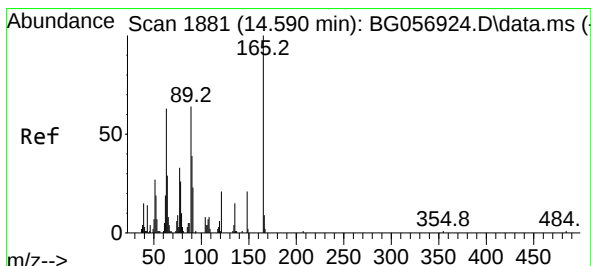
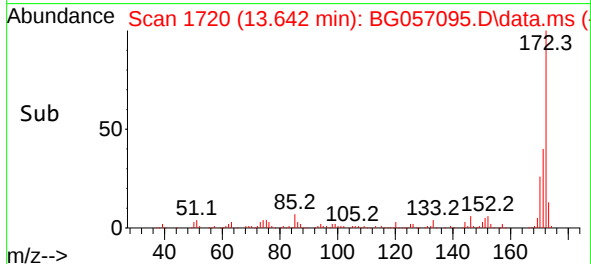
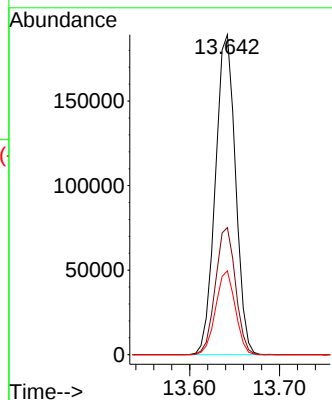
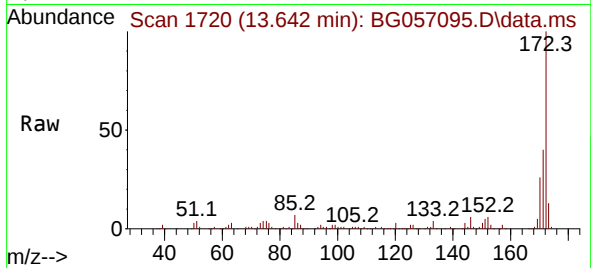




#45
2-Fluorobiphenyl
Concen: 93.635 ng
RT: 13.642 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

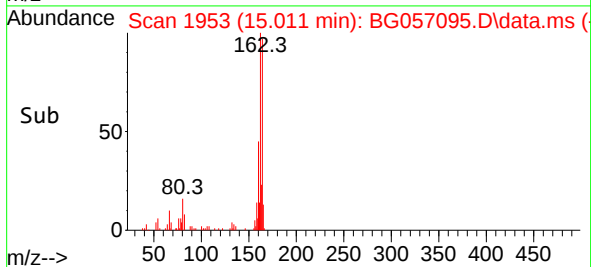
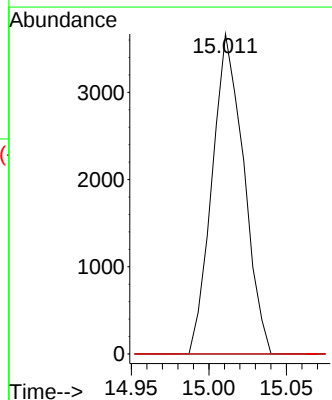
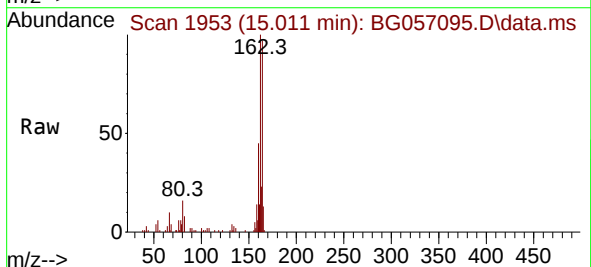
Instrument :
BNA_G
ClientSampleId :
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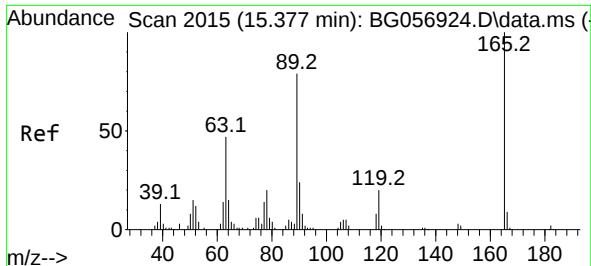
Tgt Ion:172 Resp: 294397
Ion Ratio Lower Upper
172 100
171 39.7 30.6 46.0
170 26.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.156 ng
RT: 15.011 min Scan# 1953
Delta R.T. 0.425 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

Tgt Ion:165 Resp: 5194
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.074 ng

RT: 15.011 min Scan# 1953

Delta R.T. -0.356 min

Lab File: BG057095.D

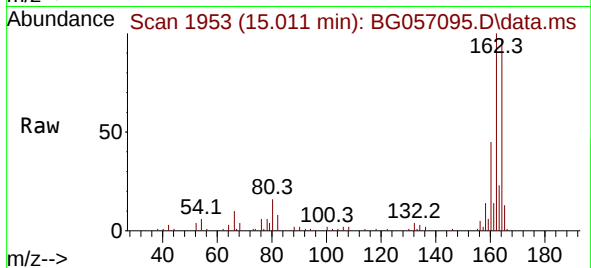
Acq: 14 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152103BL



Tgt Ion:165 Resp: 5194

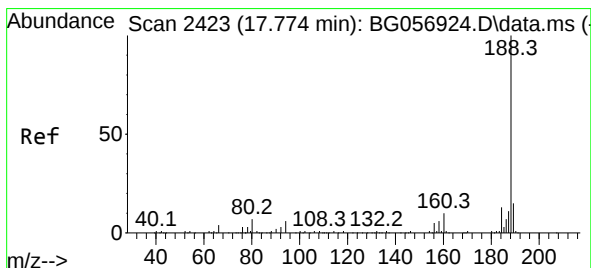
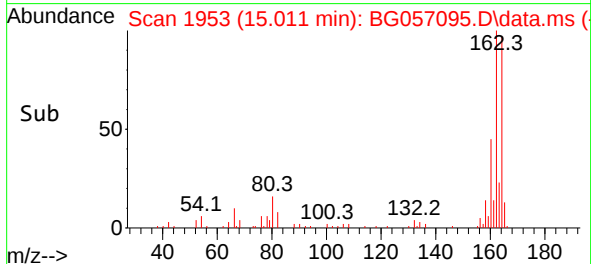
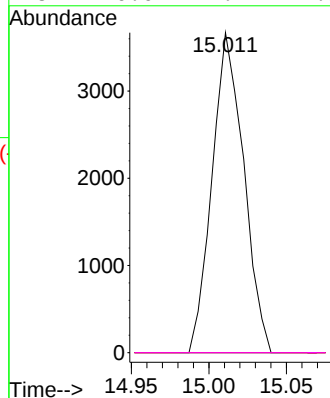
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 2420

Delta R.T. -0.009 min

Lab File: BG057095.D

Acq: 14 Apr 2023 11:10

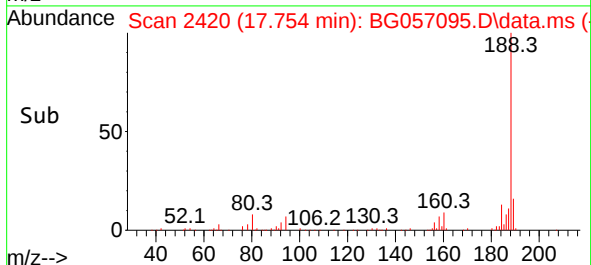
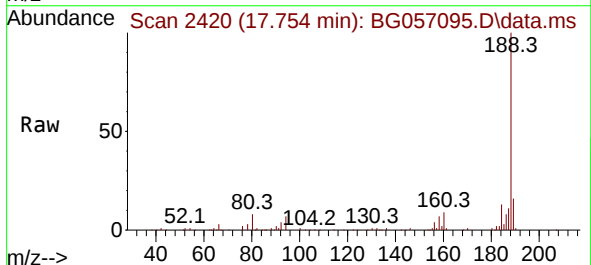
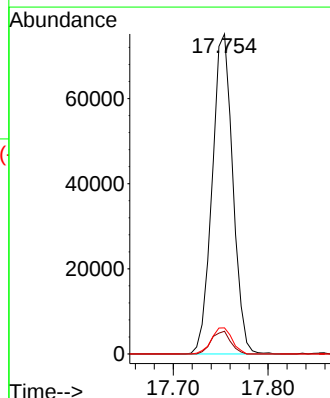
Tgt Ion:188 Resp: 113750

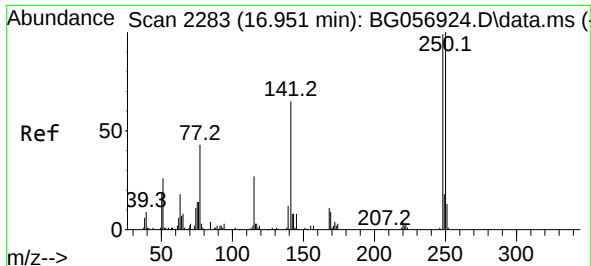
Ion Ratio Lower Upper

188 100

94 7.1 4.6 6.8#

80 8.2 5.5 8.3

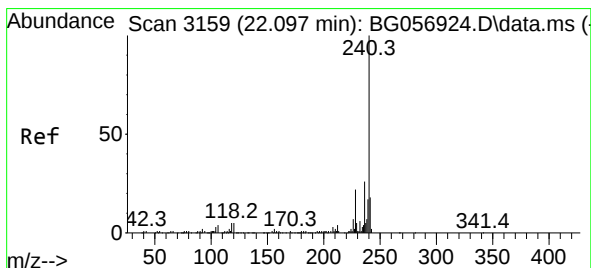
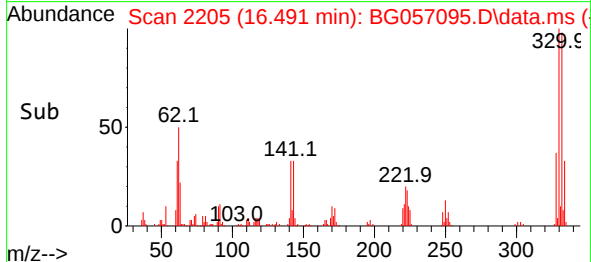
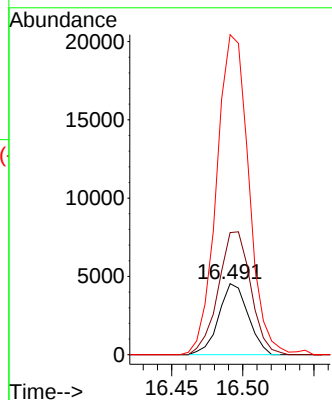
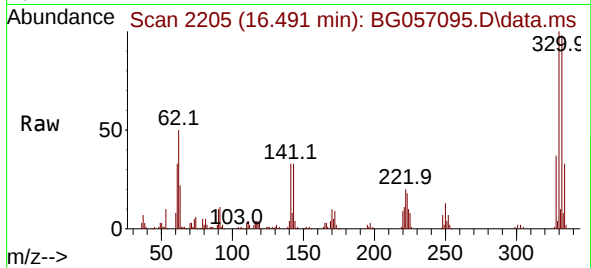




#67
4-Bromophenyl-phenylether
Concen: 4.640 ng
RT: 16.491 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

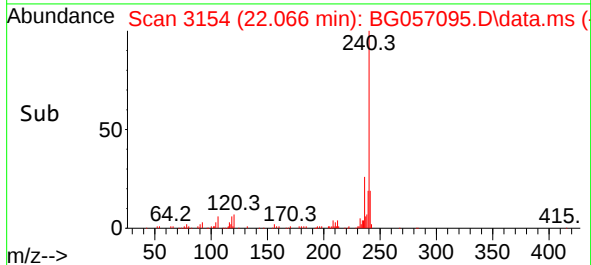
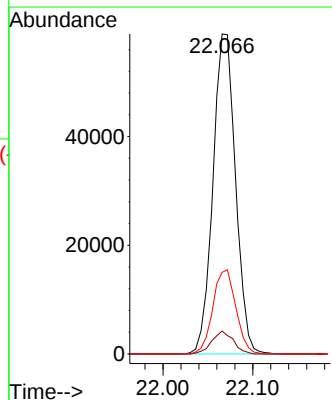
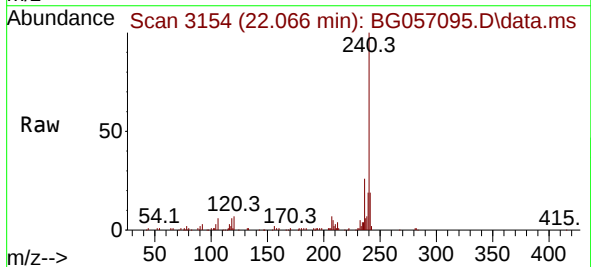
Instrument :
BNA_G
ClientSampleId :
PB152103BL

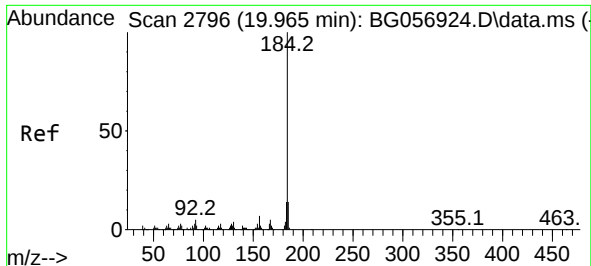
Tgt Ion:248 Resp: 6531
Ion Ratio Lower Upper
248 100
250 171.8 80.5 120.7#
141 450.1 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.015 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

Tgt Ion:240 Resp: 102715
Ion Ratio Lower Upper
240 100
120 7.1 3.8 5.6#
236 25.5 21.0 31.6

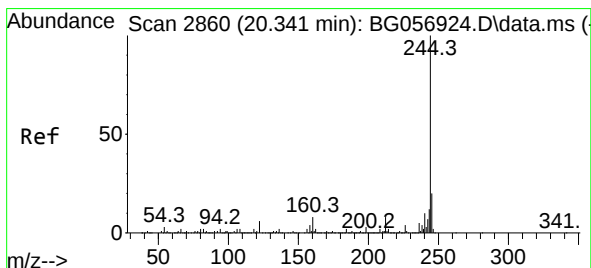
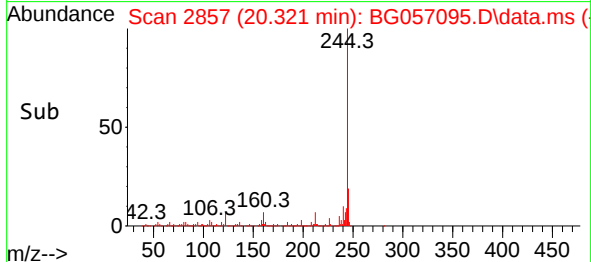
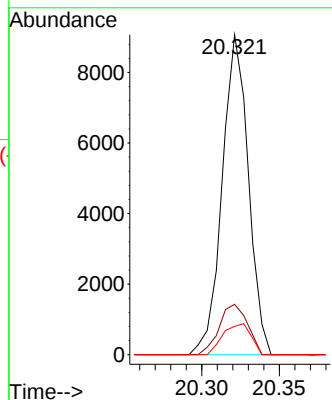
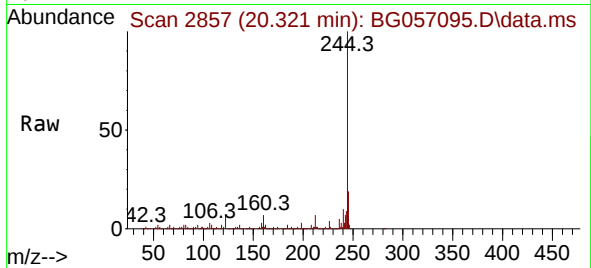




#77
Benzidine
Concen: 3.783 ng
RT: 20.321 min Scan# 2857
Delta R.T. 0.367 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

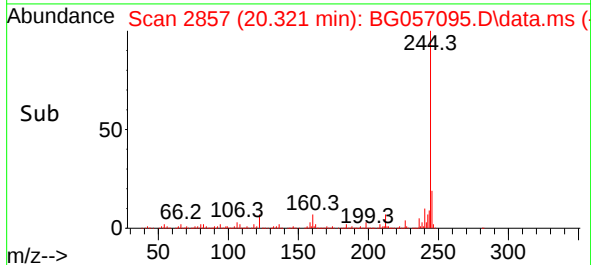
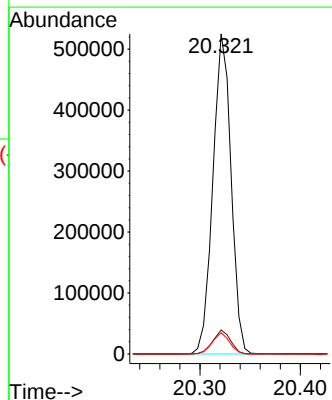
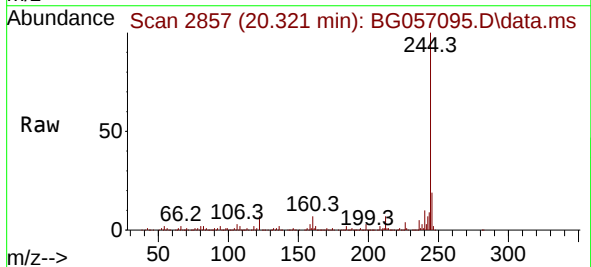
Instrument :
BNA_G
ClientSampleId :
PB152103BL

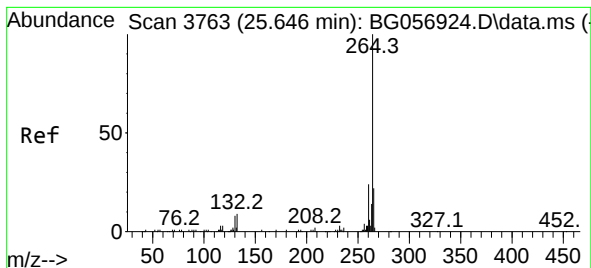
Tgt Ion:184 Resp: 10622
Ion Ratio Lower Upper
184 100
185 15.8 11.0 16.4
183 8.8 11.4 17.0#



#79
Terphenyl-d14
Concen: 108.665 ng
RT: 20.321 min Scan# 2857
Delta R.T. -0.003 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

Tgt Ion:244 Resp: 659605
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 6.6 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.602 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057095.D

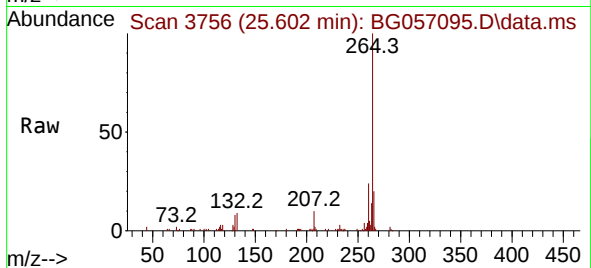
Acq: 14 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152103BL



Tgt Ion:264 Resp: 110033

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 20.3 17.8 26.6

