

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054984.D
 Acq On : 20 Sep 2022 13:16
 Operator : CG/JU
 Sample : N4697-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 14:29:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

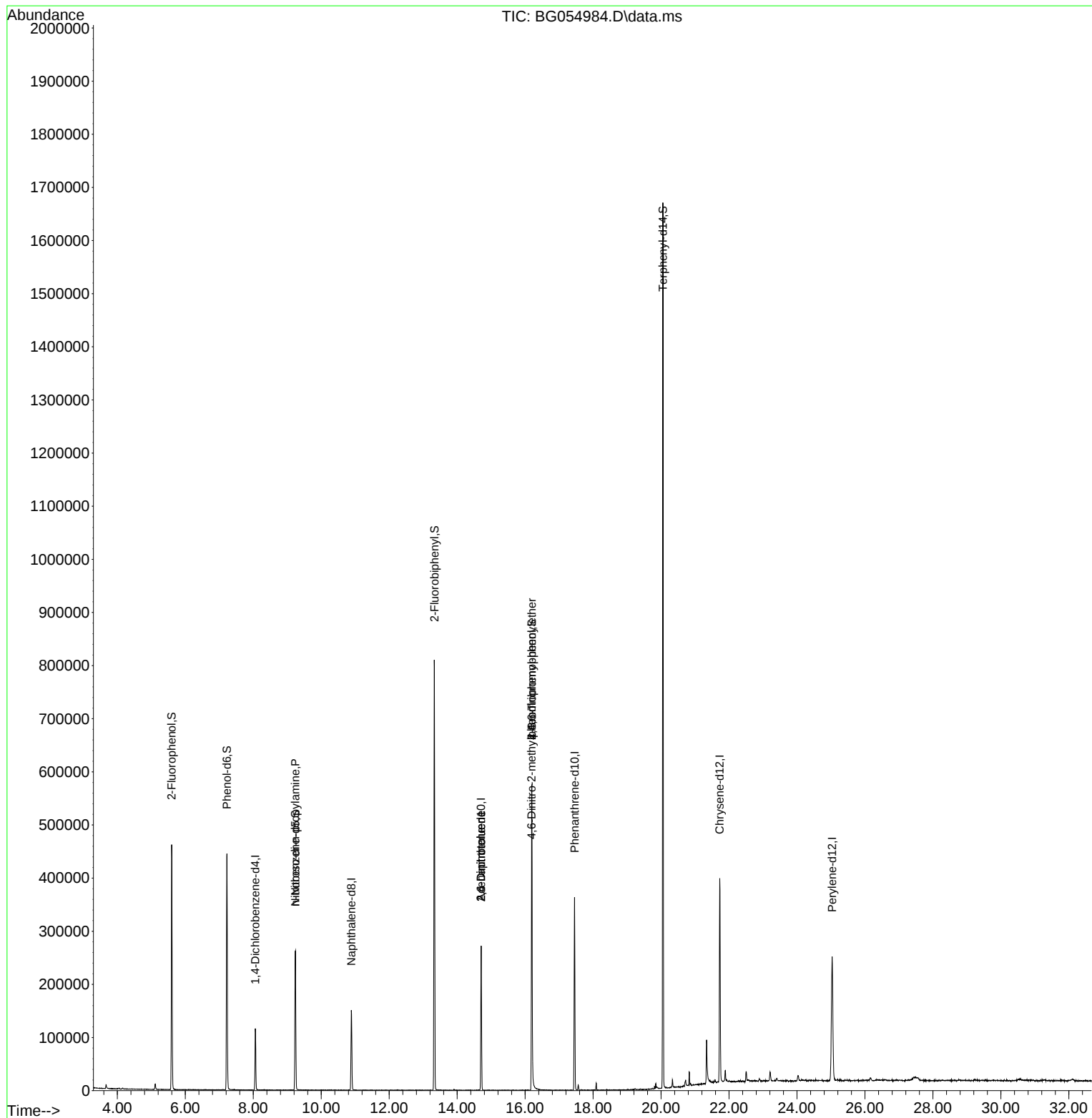
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	35094	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	143861	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	99529	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	245344	20.000	ng	0.00
76) Chrysene-d12	21.726	240	251421	20.000	ng	0.00
86) Perylene-d12	25.034	264	261993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	228236	127.254	ng	0.00
7) Phenol-d6	7.225	99	302510	125.835	ng	0.00
23) Nitrobenzene-d5	9.240	82	174459	70.290	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	143369	122.960	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	459300	72.727	ng	0.00
79) Terphenyl-d14	20.051	244	864796	71.951	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.240	70	21414	12.942	ng	# 75
51) 2,6-Dinitrotoluene	14.704	165	12812	7.996	ng	# 20
57) 2,4-Dinitrotoluene	14.704	165	12812	5.621	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.185	198	250	5.169	ng	# 1
67) 4-Bromophenyl-phenylether	16.197	248	8623	3.187	ng	# 1

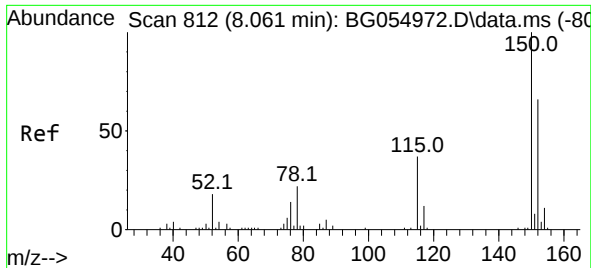
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
Data File : BG054984.D
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Misc :
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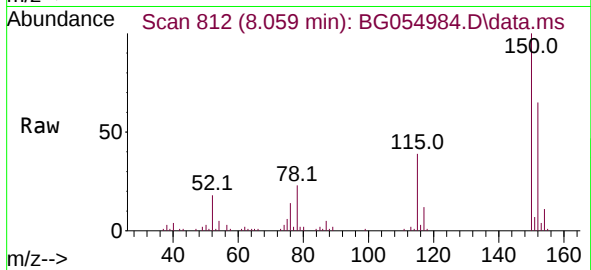
Quant Time: Sep 20 14:29:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 17:41:40 2022
Response via : Initial Calibration



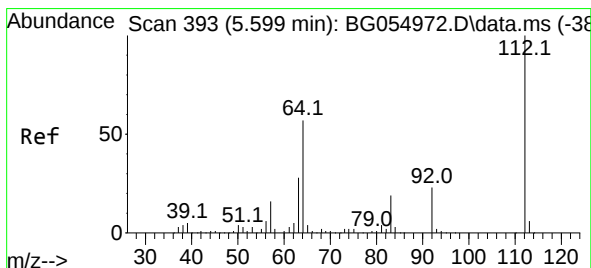
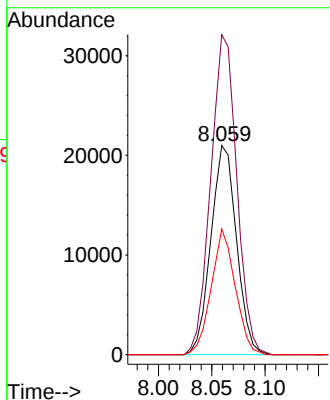
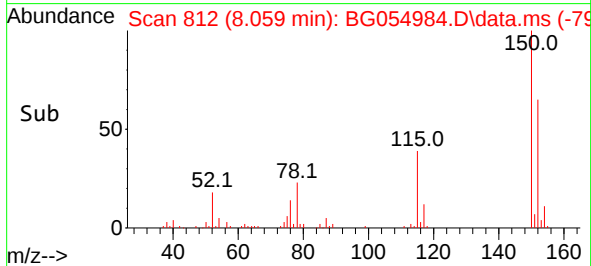


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

Instrument :
BNA_G
ClientSampleId :

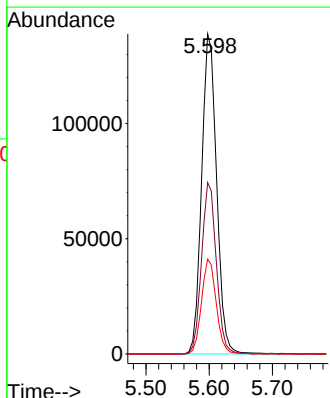
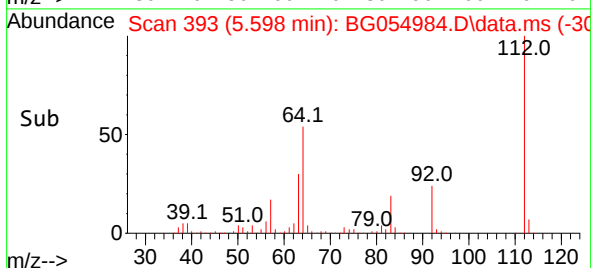
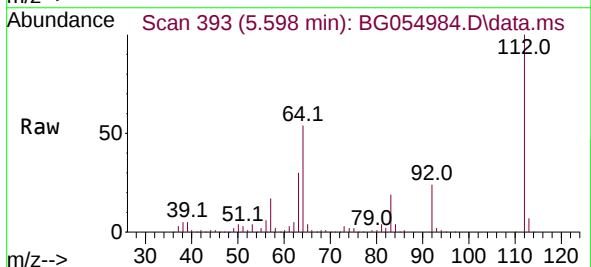


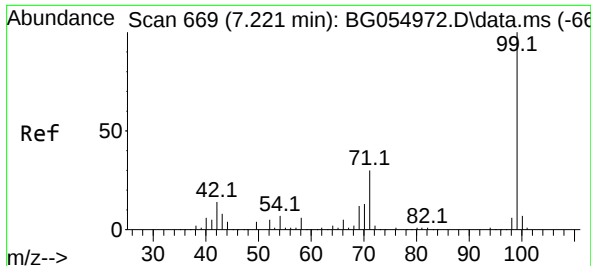
Tgt Ion:152 Resp: 35094
Ion Ratio Lower Upper
152 100
150 153.0 125.2 187.8
115 60.1 47.9 71.9



#5
2-Fluorophenol
Concen: 127.254 ng
RT: 5.598 min Scan# 393
Delta R.T. -0.001 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

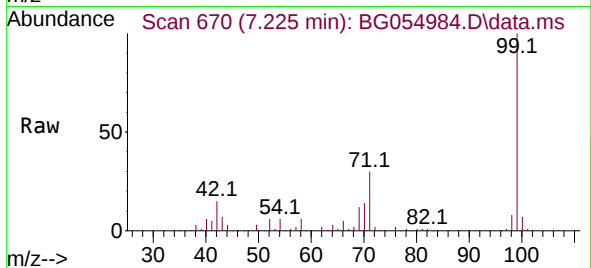
Tgt Ion:112 Resp: 228236
Ion Ratio Lower Upper
112 100
64 53.6 49.3 73.9
63 29.7 26.3 39.5



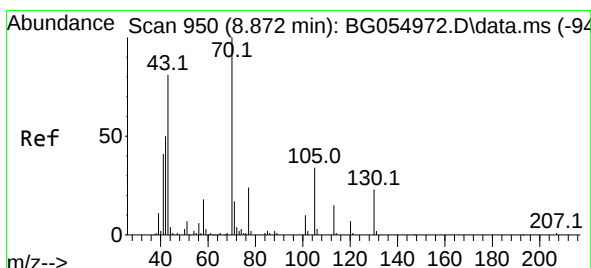
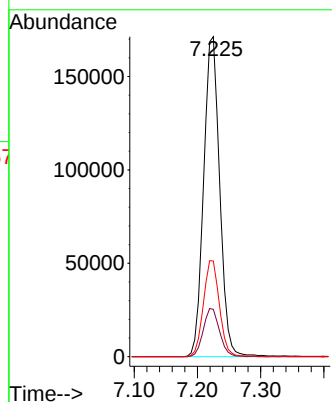
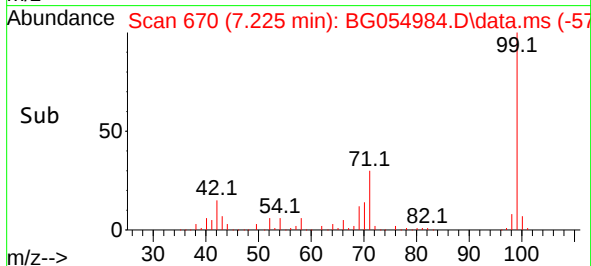


#7
Phenol-d6
Concen: 125.835 ng
RT: 7.225 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

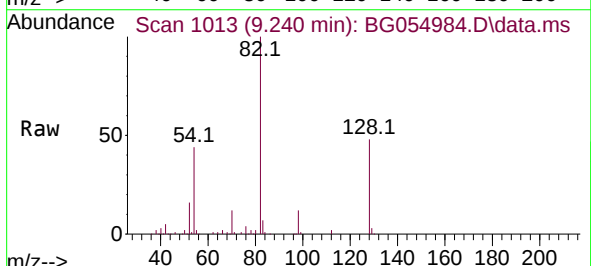
Instrument :
BNA_G
ClientSampleId :



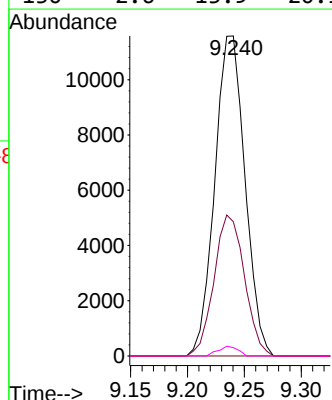
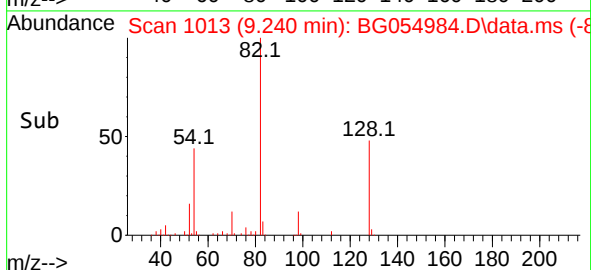
Tgt Ion: 99 Resp: 302510
Ion Ratio Lower Upper
99 100
42 14.8 14.6 22.0
71 29.9 24.6 37.0

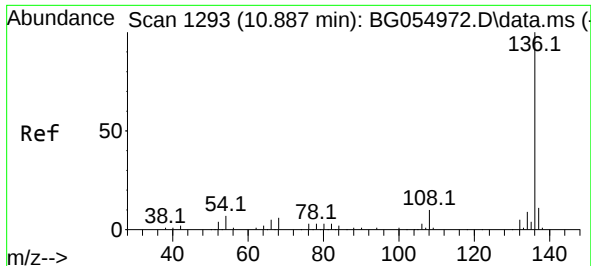


#19
n-Nitroso-di-n-propylamine
Concen: 12.942 ng
RT: 9.240 min Scan# 1013
Delta R.T. 0.369 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16



Tgt Ion: 70 Resp: 21414
Ion Ratio Lower Upper
70 100
42 41.9 46.6 69.8#
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#



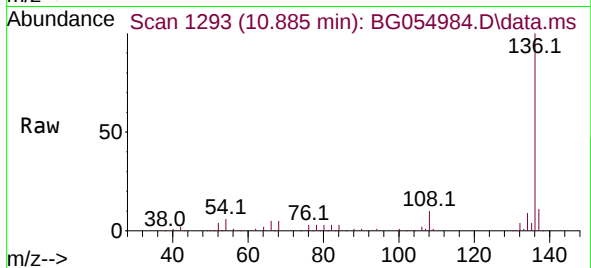


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

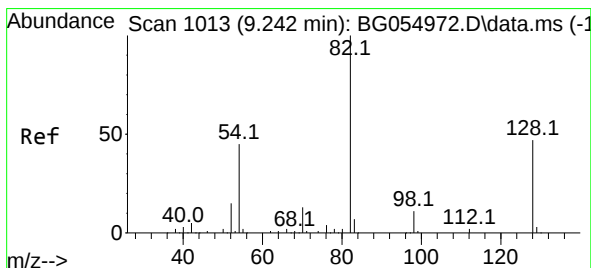
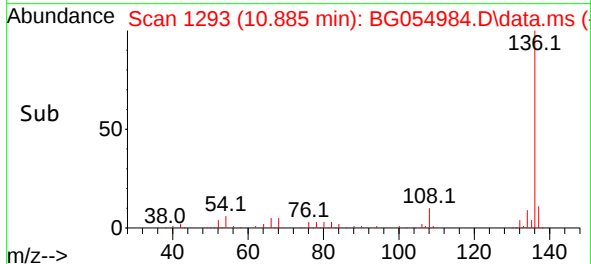
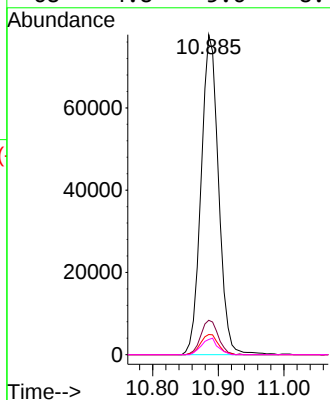
Instrument :

BNA_G

ClientSampleId :

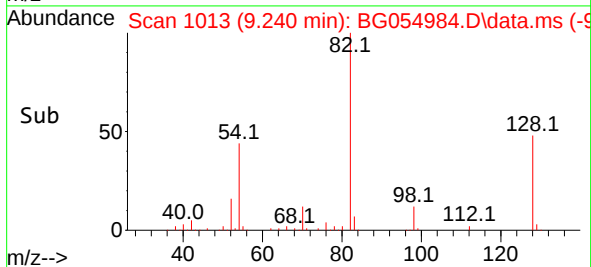
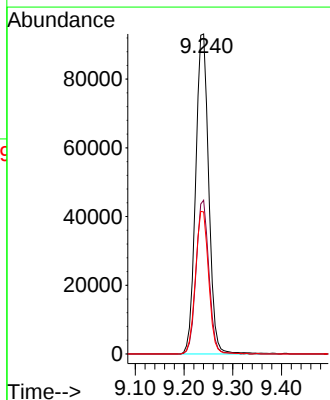
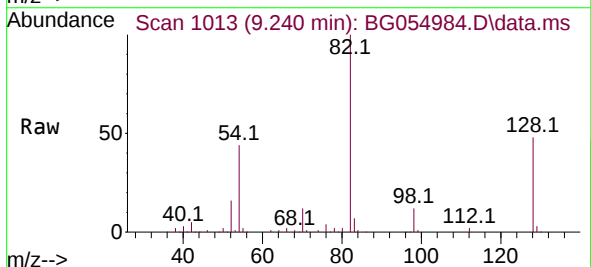


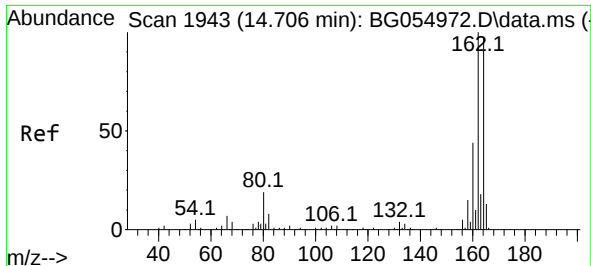
Tgt Ion:136 Resp: 143861
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.3 7.7 11.5#
68 4.8 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 70.290 ng
RT: 9.240 min Scan# 1013
Delta R.T. -0.001 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

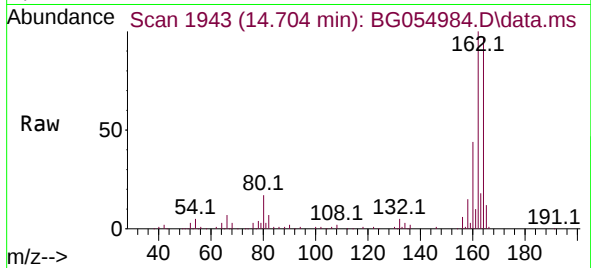
Tgt Ion: 82 Resp: 174459
Ion Ratio Lower Upper
82 100
128 48.0 32.2 48.2
54 44.4 41.4 62.0



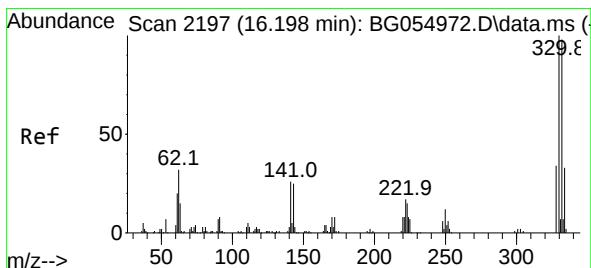
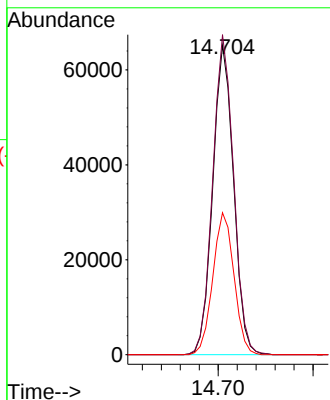
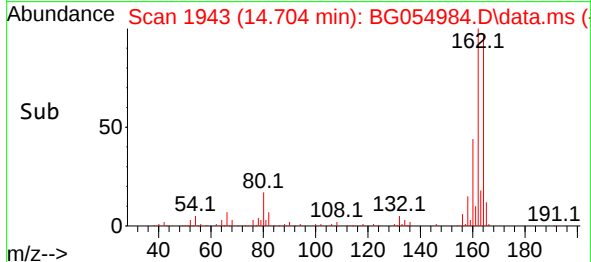


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

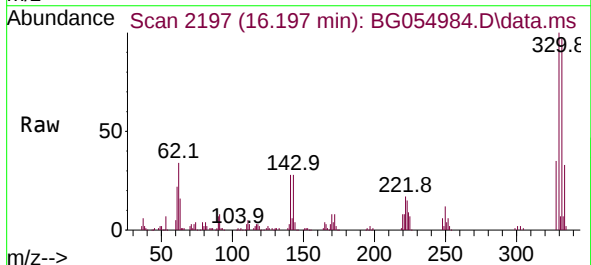
Instrument :
BNA_G
ClientSampleId :



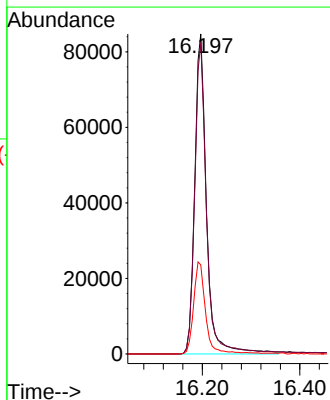
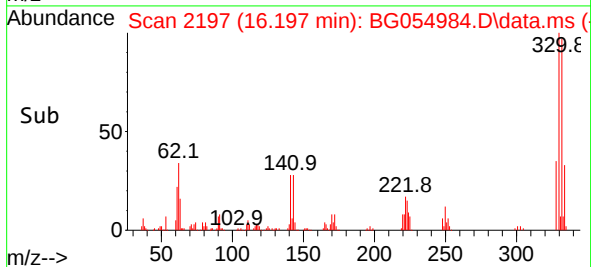
Tgt Ion:164 Resp: 99529
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.4
160 45.8 38.0 57.0

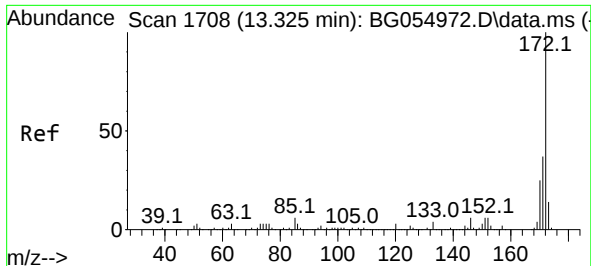


#42
2,4,6-Tribromophenol
Concen: 122.960 ng
RT: 16.197 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16



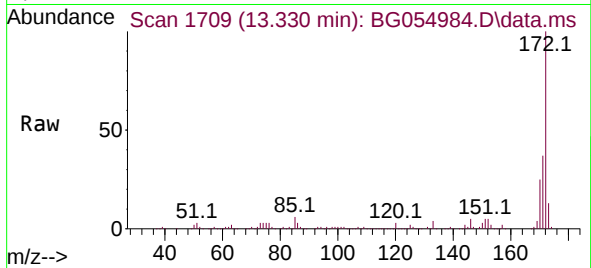
Tgt Ion:330 Resp: 143369
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 29.4 26.8 40.2



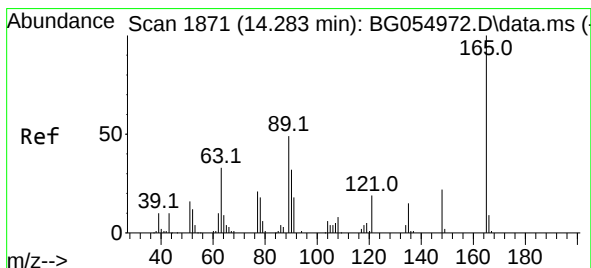
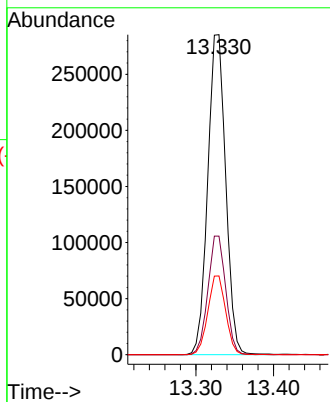
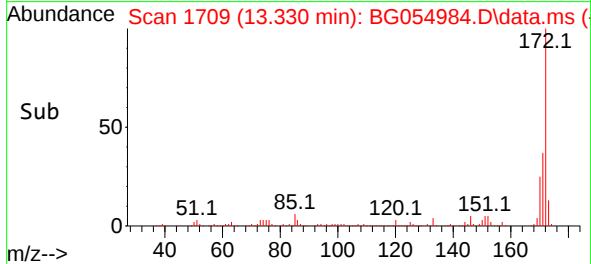


#45
 2-Fluorobiphenyl
 Concen: 72.727 ng
 RT: 13.330 min Scan# 11
 Delta R.T. 0.004 min
 Lab File: BG054984.D
 Acq: 20 Sep 2022 13:16

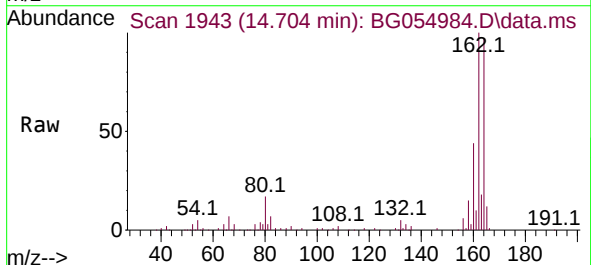
Instrument :
 BNA_G
 ClientSampleId :



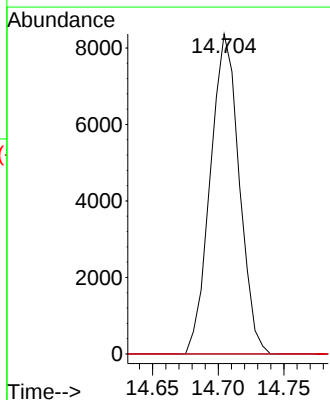
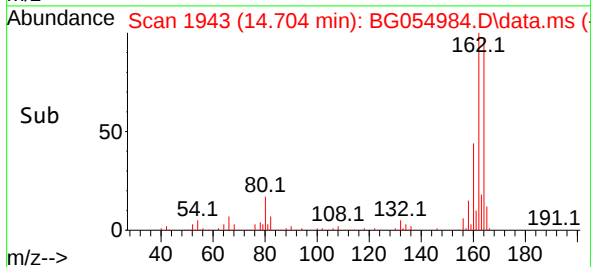
Tgt Ion:172 Resp: 459300
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.2 46.8
 170 24.6 20.6 30.8

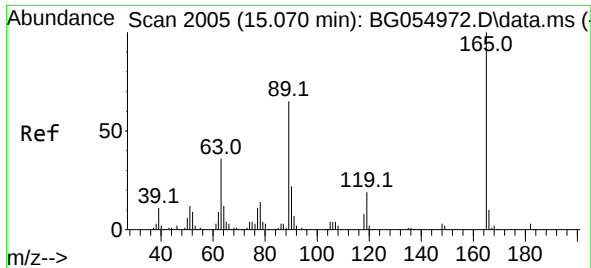


#51
 2,6-Dinitrotoluene
 Concen: 7.996 ng
 RT: 14.704 min Scan# 1943
 Delta R.T. 0.422 min
 Lab File: BG054984.D
 Acq: 20 Sep 2022 13:16



Tgt Ion:165 Resp: 12812
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.0 69.0#
 89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.621 ng

RT: 14.704 min Scan# 1943

Delta R.T. -0.366 min

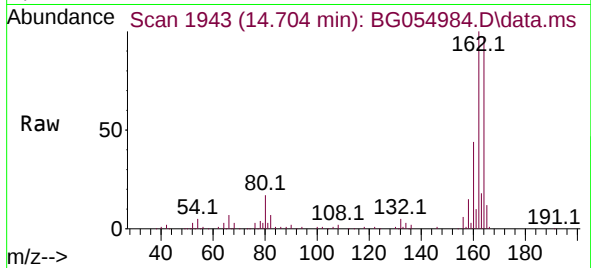
Lab File: BG054984.D

Acq: 20 Sep 2022 13:16

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 12812

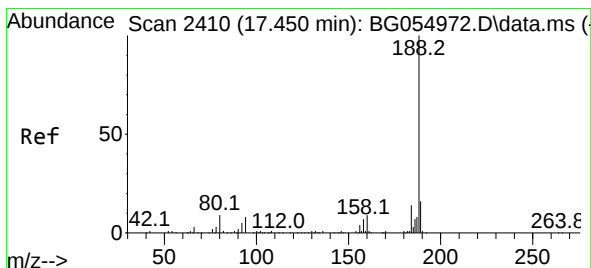
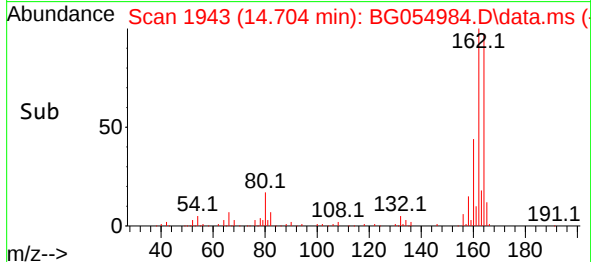
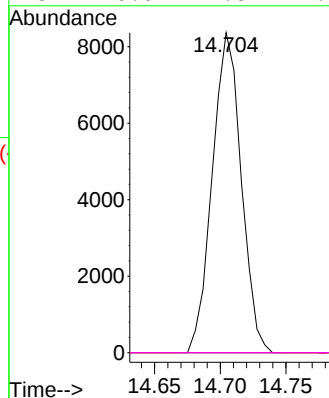
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.454 min Scan# 2411

Delta R.T. 0.004 min

Lab File: BG054984.D

Acq: 20 Sep 2022 13:16

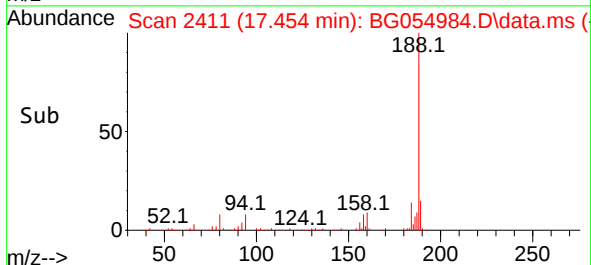
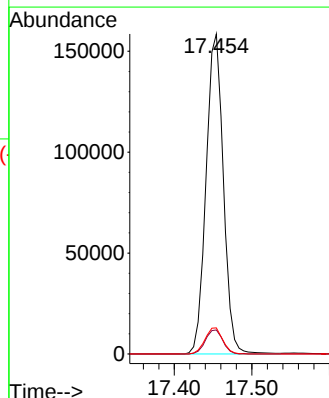
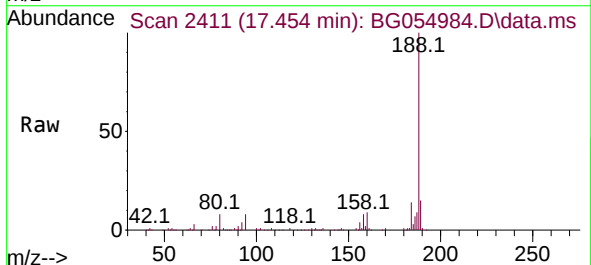
Tgt Ion:188 Resp: 245344

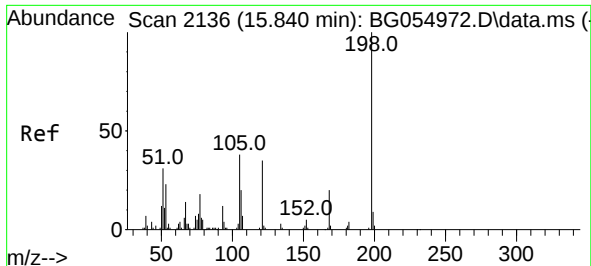
Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 8.1 7.9 11.9

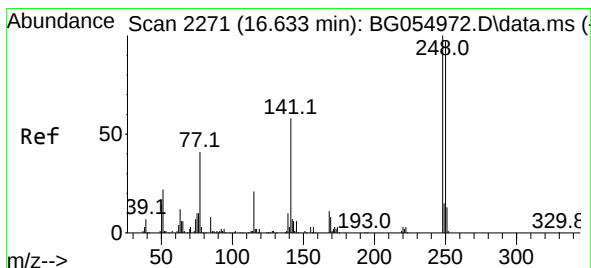
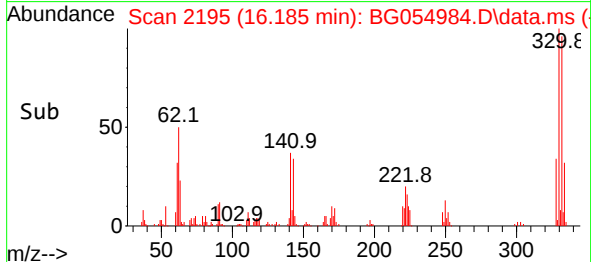
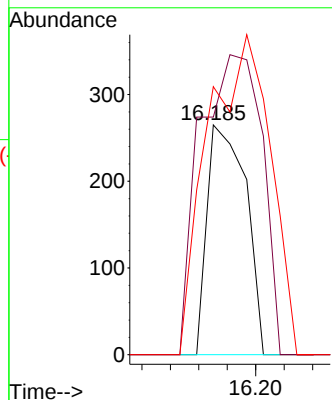
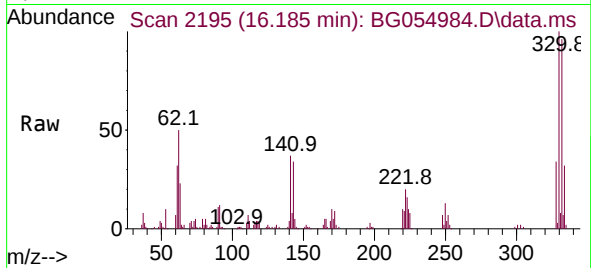




#65
4,6-Dinitro-2-methylphenol
Concen: 5.169 ng
RT: 16.185 min Scan# 2136
Delta R.T. 0.345 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

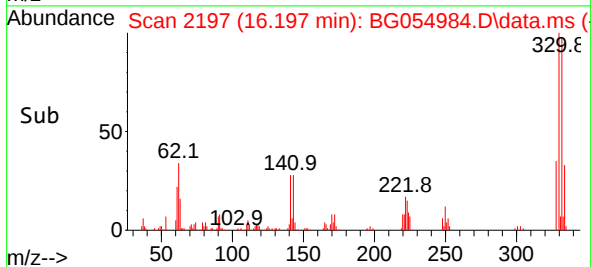
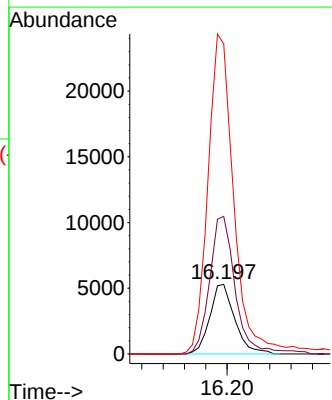
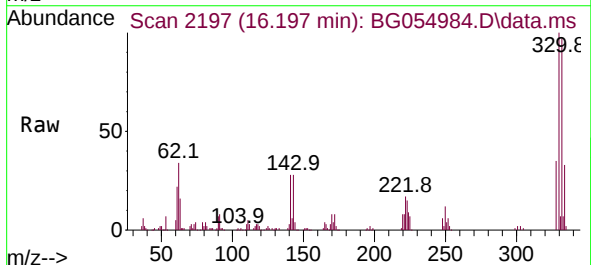
Instrument :
BNA_G
ClientSampleId :

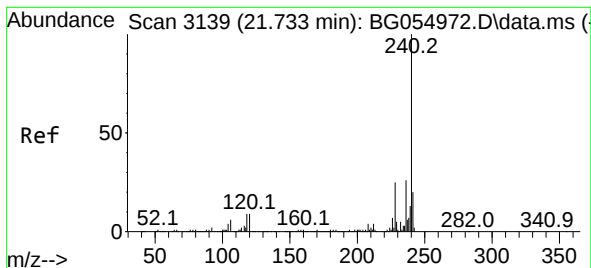
Tgt Ion:198 Resp: 250
Ion Ratio Lower Upper
198 100
51 103.4 19.9 59.9#
105 116.6 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.187 ng
RT: 16.197 min Scan# 2197
Delta R.T. -0.436 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

Tgt Ion:248 Resp: 8623
Ion Ratio Lower Upper
248 100
250 197.5 78.8 118.2#
141 445.2 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.726 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054984.D

Acq: 20 Sep 2022 13:16

Instrument :

BNA_G

ClientSampleId :

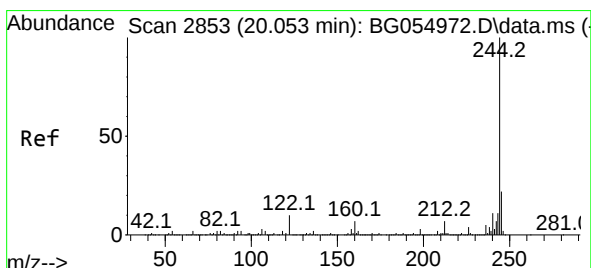
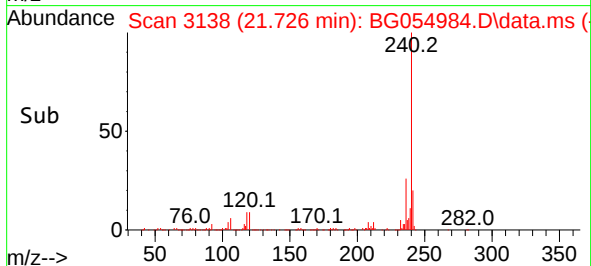
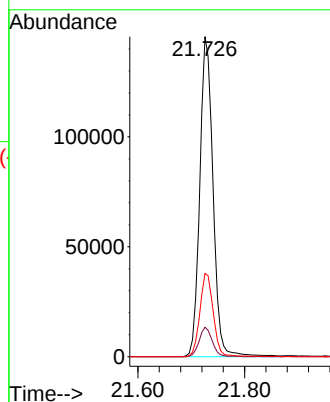
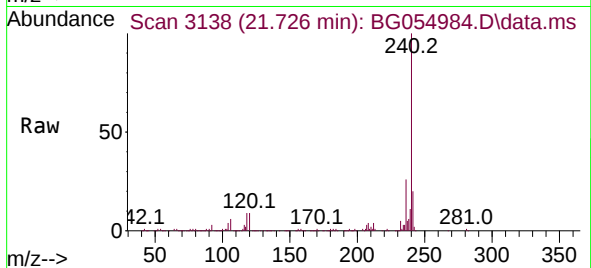
Tgt Ion:240 Resp: 251421

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.4

236 26.0 21.2 31.8



#79

Terphenyl-d14

Concen: 71.951 ng

RT: 20.051 min Scan# 2853

Delta R.T. -0.001 min

Lab File: BG054984.D

Acq: 20 Sep 2022 13:16

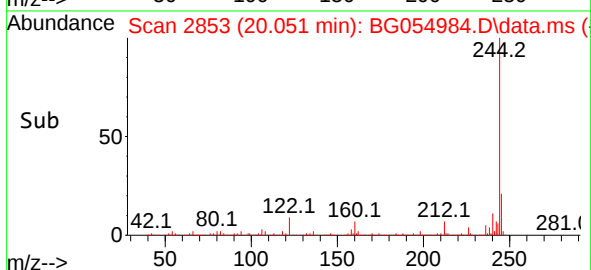
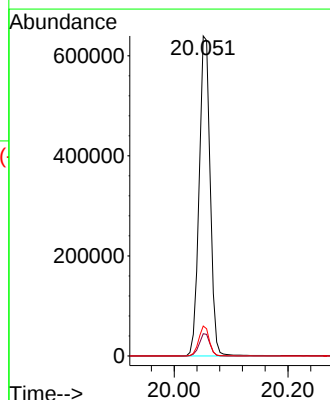
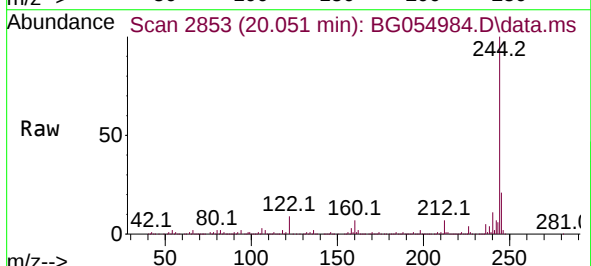
Tgt Ion:244 Resp: 864796

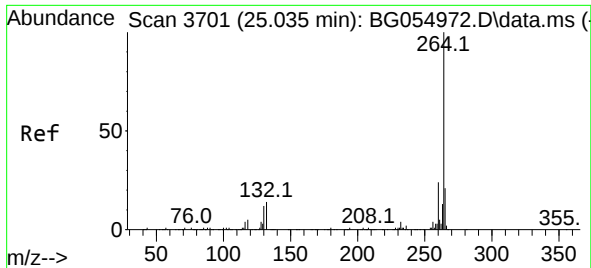
Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

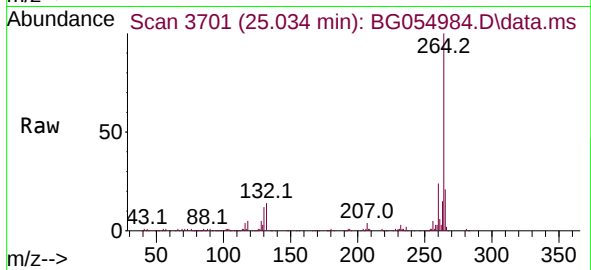
122 9.4 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.034 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 261993

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.4	16.9	25.3

