

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054753.D
 Acq On : 26 Aug 2022 13:04
 Operator : CG/JU
 Sample : N4229-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

Quant Time: Aug 27 02:10:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

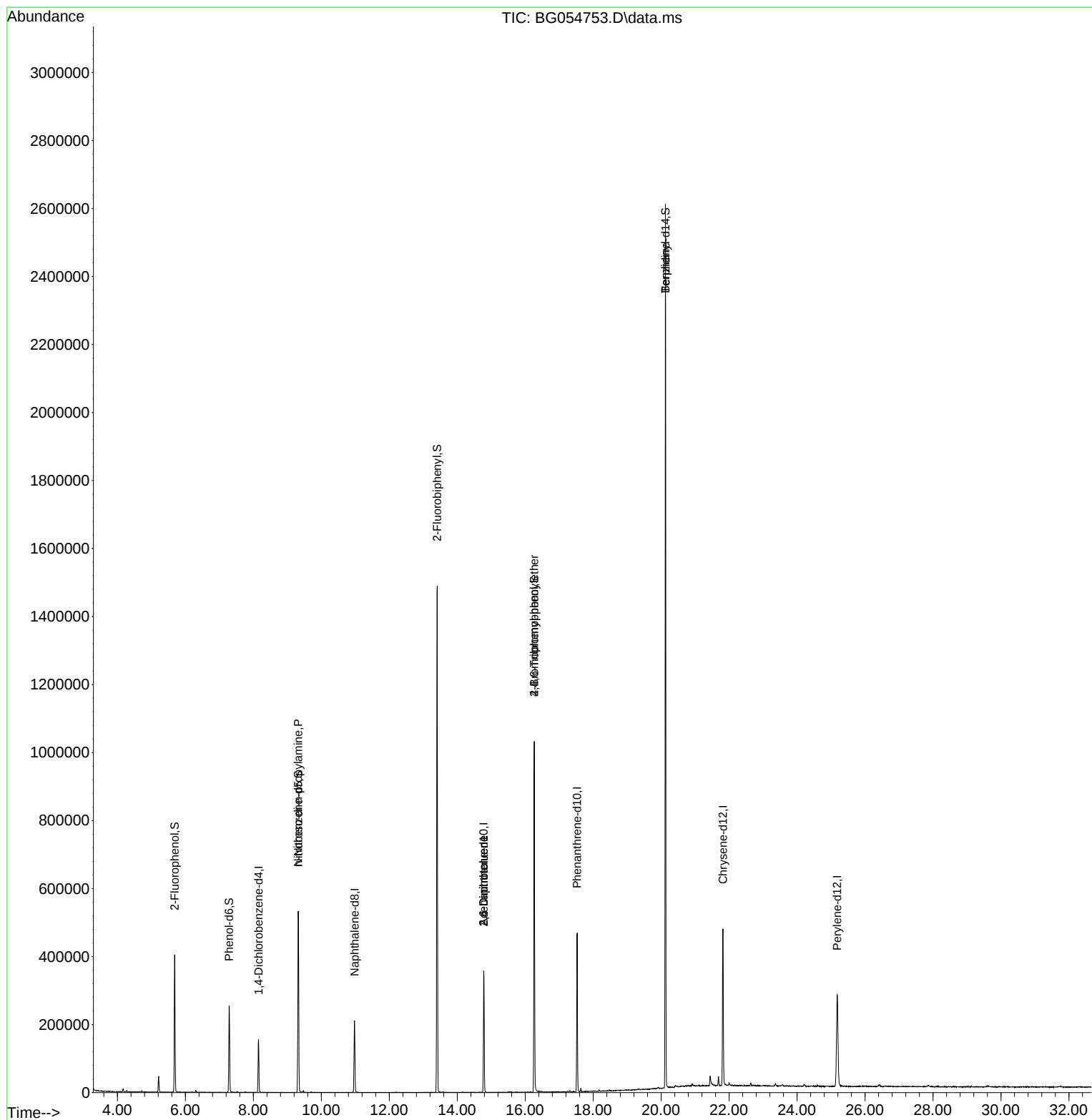
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	46958	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	195636	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	132730	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	309884	20.000	ng	0.00
76) Chrysene-d12	21.818	240	302272	20.000	ng	0.00
86) Perylene-d12	25.179	264	309519	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	186047	68.993	ng	0.00
7) Phenol-d6	7.288	99	164242	44.536	ng	0.00
23) Nitrobenzene-d5	9.321	82	338737	90.896	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	212321	128.016	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	799970	90.587	ng	0.00
79) Terphenyl-d14	20.126	244	1262420	82.751	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.321	70	43107	16.998	ng	# 81
51) 2,6-Dinitrotoluene	14.780	165	17719	8.472	ng	# 20
57) 2,4-Dinitrotoluene	14.780	165	17719	6.125	ng	# 18
67) 4-Bromophenyl-phenylether	16.266	248	13850	4.071	ng	# 1
77) Benzidine	20.126	184	19321	2.581	ng	# 90

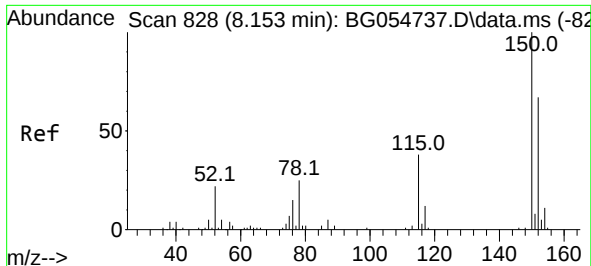
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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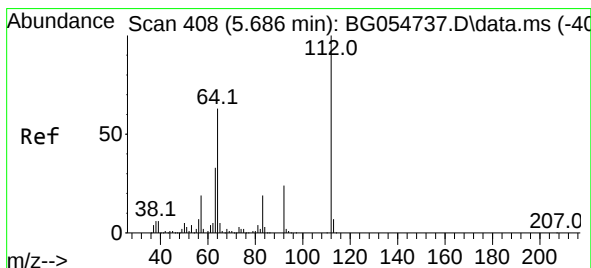
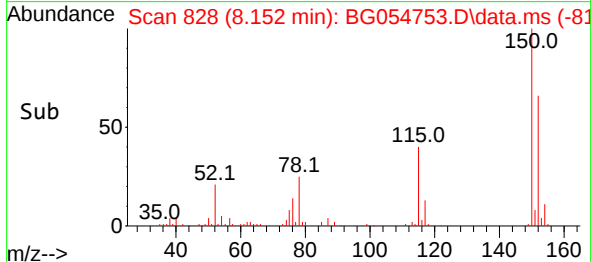
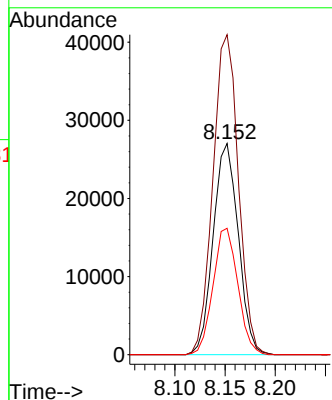
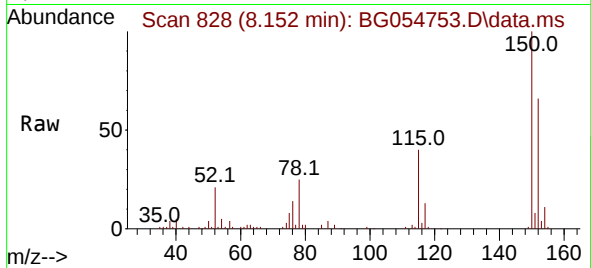




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

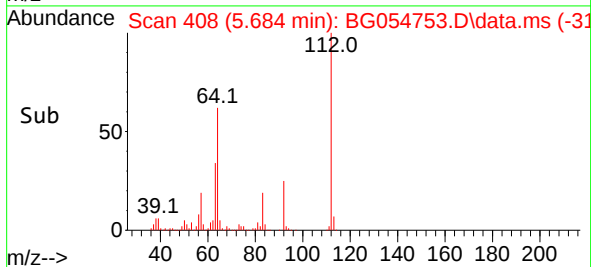
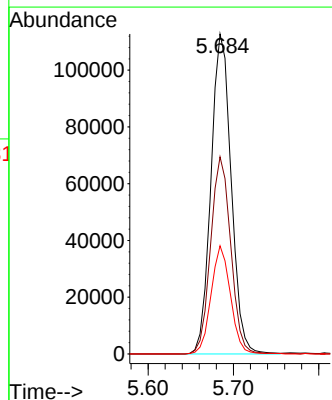
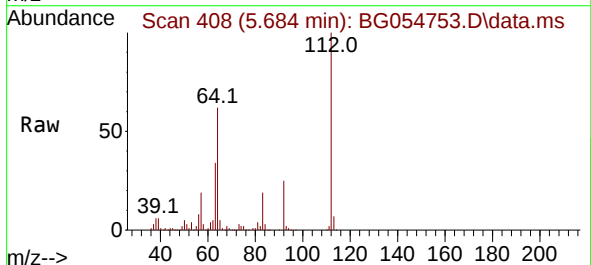
Instrument :
BNA_G
ClientSampleId :
MW-106D

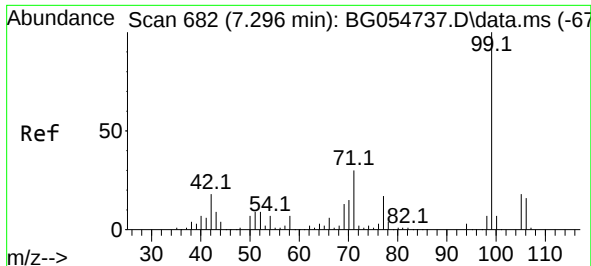
Tgt Ion:152 Resp: 46958
Ion Ratio Lower Upper
152 100
150 151.6 125.2 187.8
115 59.9 47.9 71.9



#5
2-Fluorophenol
Concen: 68.993 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.002 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

Tgt Ion:112 Resp: 186047
Ion Ratio Lower Upper
112 100
64 61.6 49.3 73.9
63 33.8 26.3 39.5

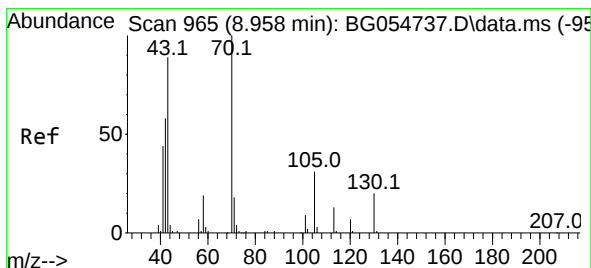
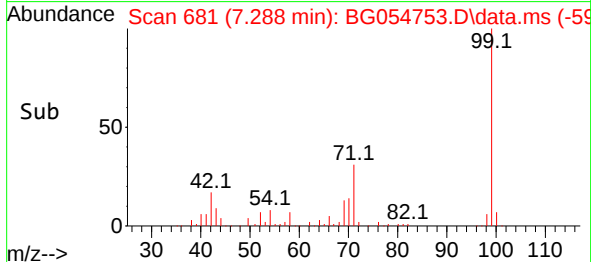
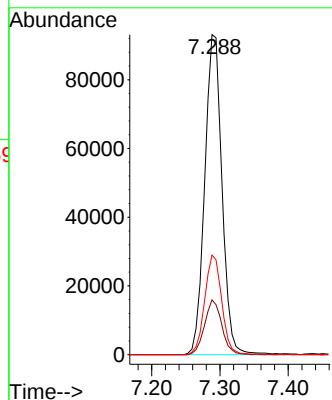
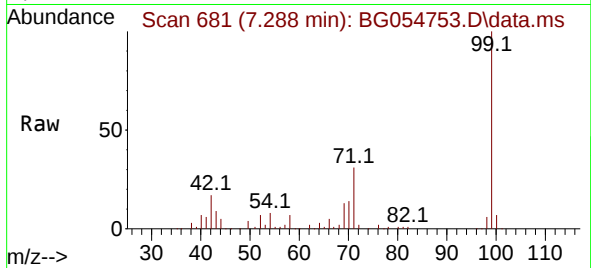




#7
Phenol-d6
Concen: 44.536 ng
RT: 7.288 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

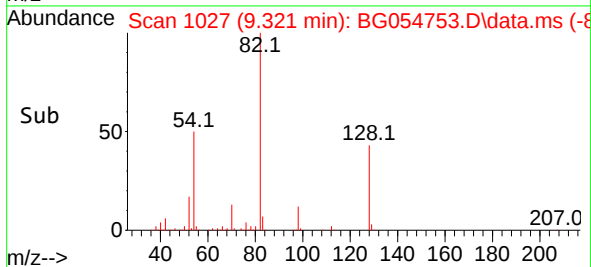
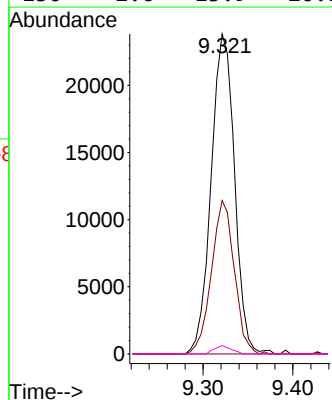
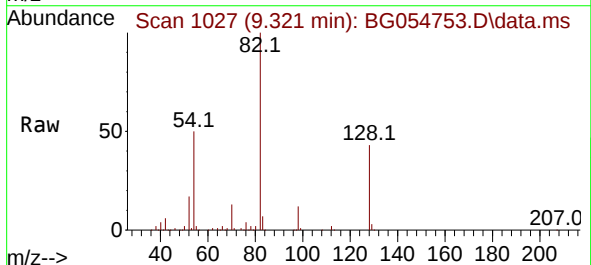
Instrument :
BNA_G
ClientSampleId :
MW-106D

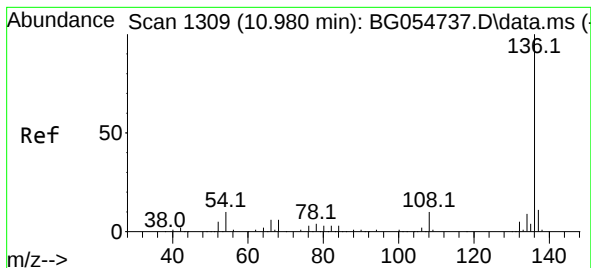
Tgt Ion: 99 Resp: 164242
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 31.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.998 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

Tgt Ion: 70 Resp: 43107
Ion Ratio Lower Upper
70 100
42 47.9 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: 10.978 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG054753.D

Acq: 26 Aug 2022 13:04

Instrument :

BNA_G

ClientSampleId :

MW-106D

Tgt Ion:136 Resp: 195636

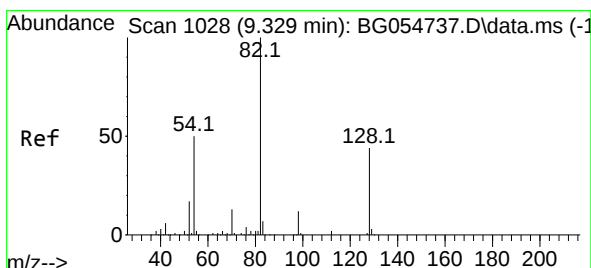
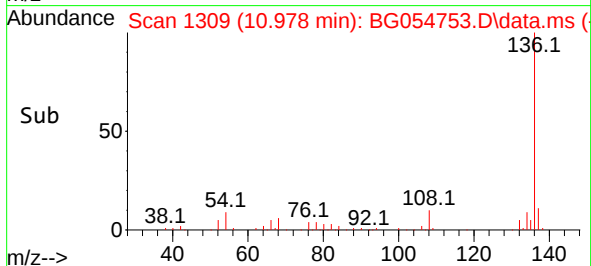
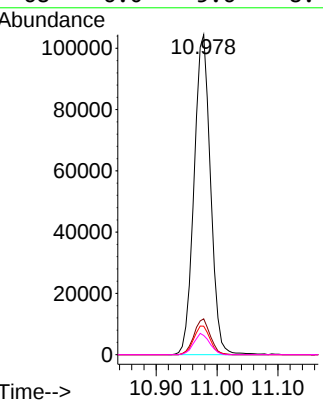
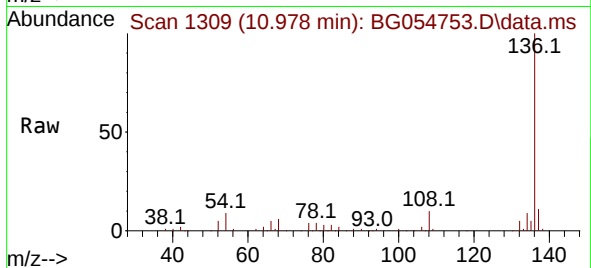
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.9 7.7 11.5

68 6.0 5.6 8.4



#23

Nitrobenzene-d5

Concen: 90.896 ng

RT: 9.321 min Scan# 1027

Delta R.T. -0.007 min

Lab File: BG054753.D

Acq: 26 Aug 2022 13:04

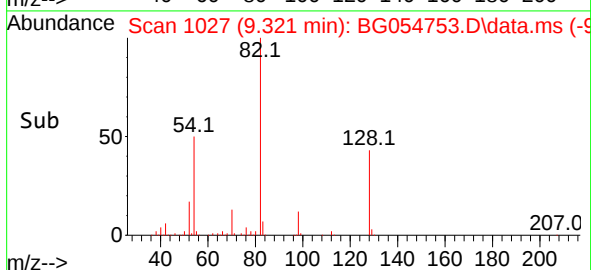
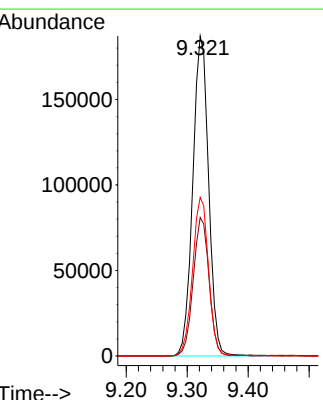
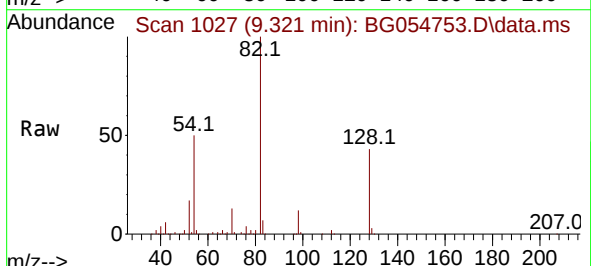
Tgt Ion: 82 Resp: 338737

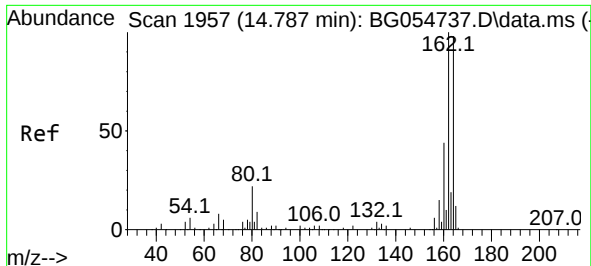
Ion Ratio Lower Upper

82 100

128 43.2 32.2 48.2

54 49.6 41.4 62.0

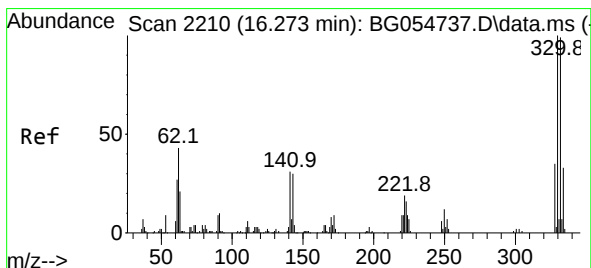
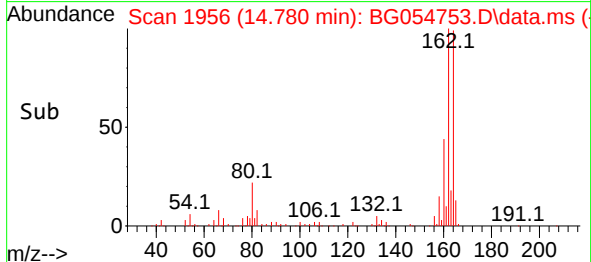
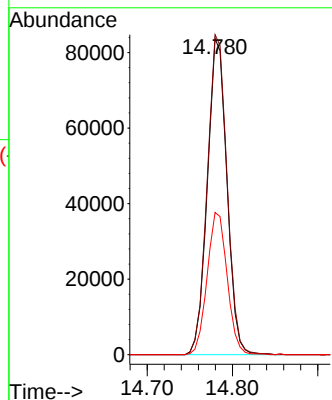
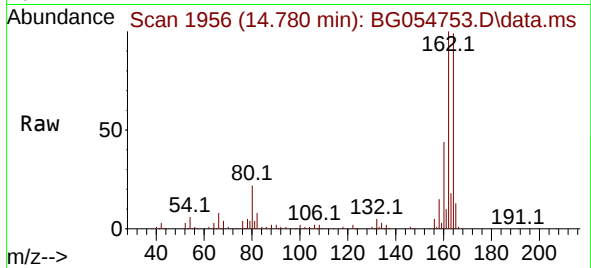




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. -0.008 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

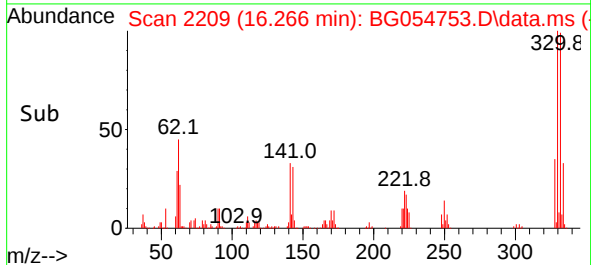
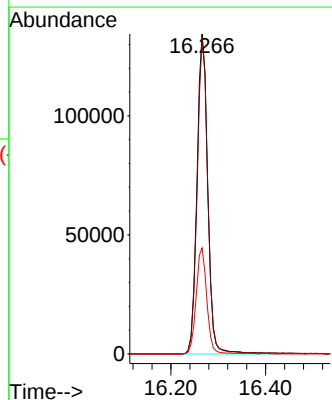
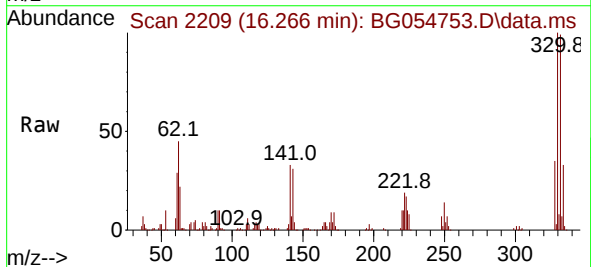
Instrument :
BNA_G
ClientSampleId :
MW-106D

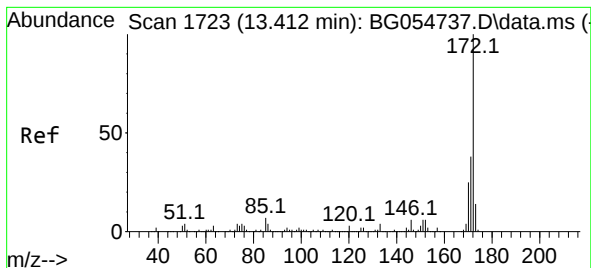
Tgt Ion:164 Resp: 132730
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.4
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 128.016 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.007 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

Tgt Ion:330 Resp: 212321
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 32.9 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 90.587 ng

RT: 13.411 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054753.D

Acq: 26 Aug 2022 13:04

Instrument :

BNA_G

ClientSampleId :

MW-106D

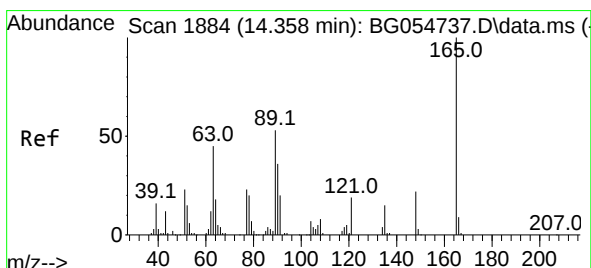
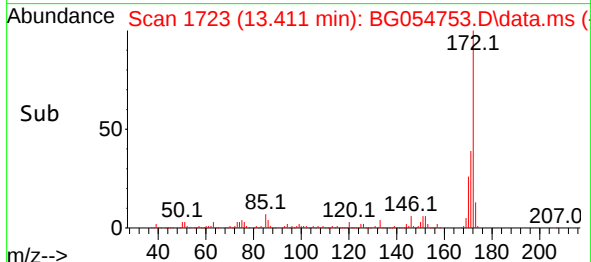
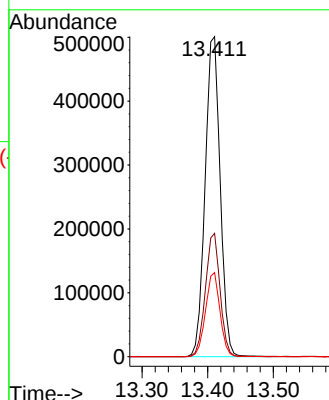
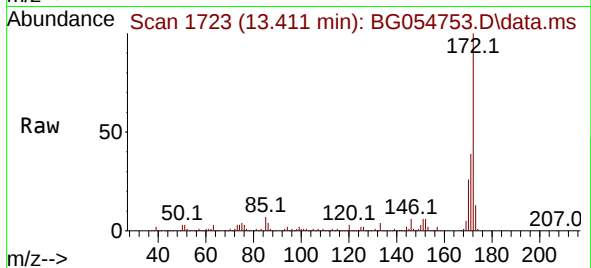
Tgt Ion:172 Resp: 799970

Ion Ratio Lower Upper

172 100

171 38.5 31.2 46.8

170 26.3 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.472 ng

RT: 14.780 min Scan# 1956

Delta R.T. 0.421 min

Lab File: BG054753.D

Acq: 26 Aug 2022 13:04

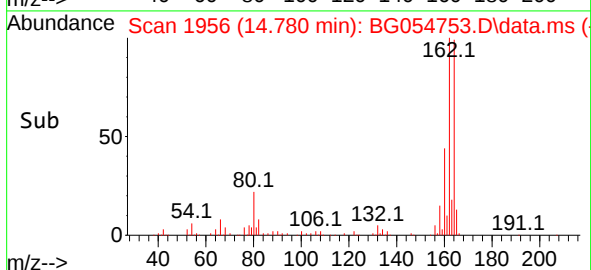
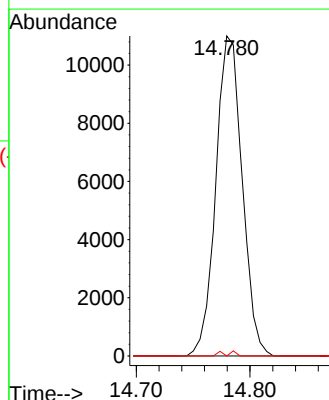
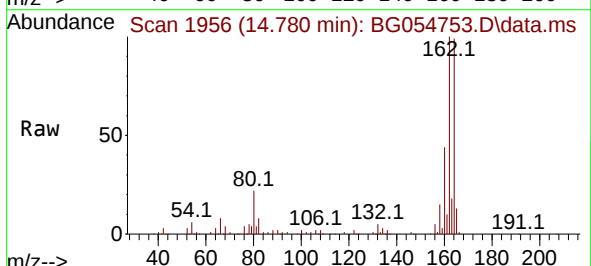
Tgt Ion:165 Resp: 17719

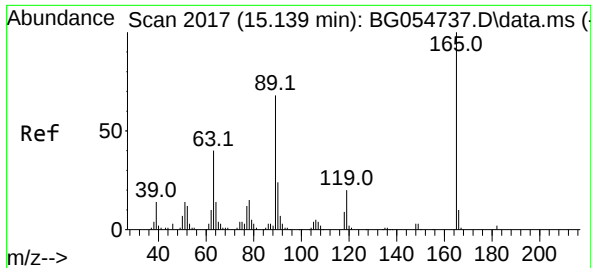
Ion Ratio Lower Upper

165 100

63 0.0 46.0 69.0#

89 0.0 50.3 75.5#

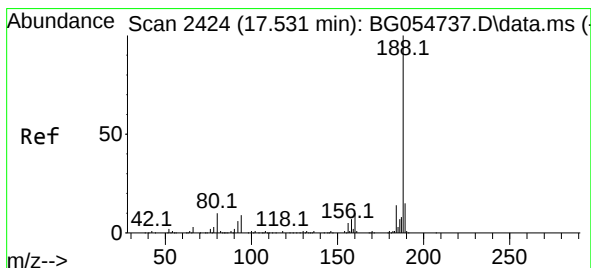
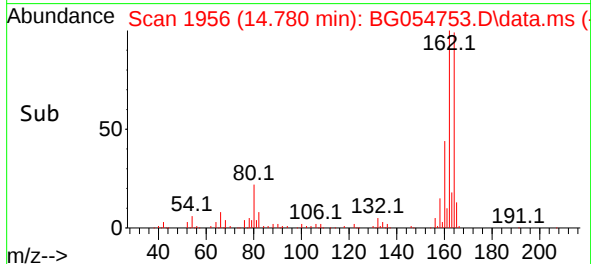
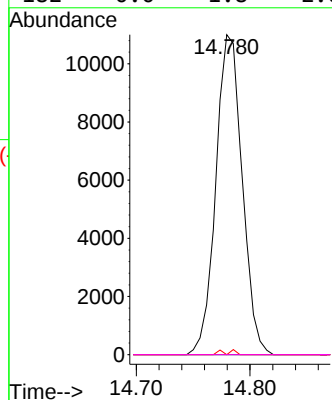
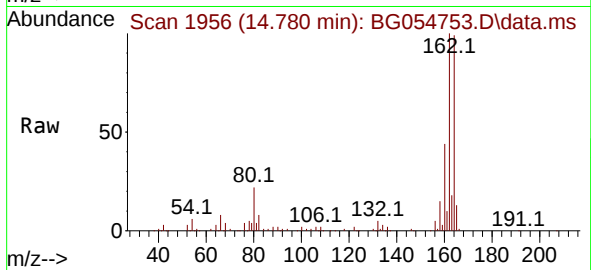




#57
2,4-Dinitrotoluene
Concen: 6.125 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.360 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

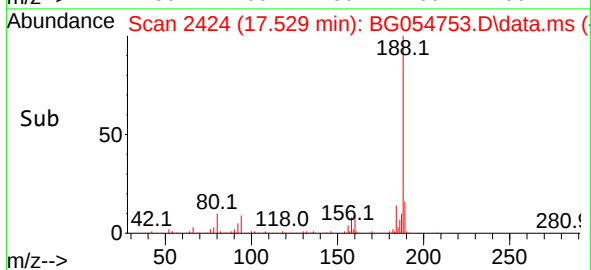
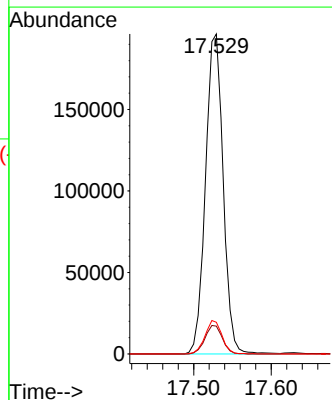
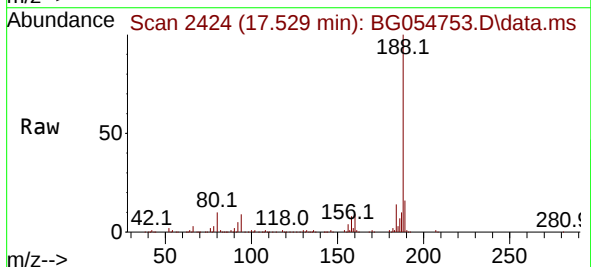
Instrument :
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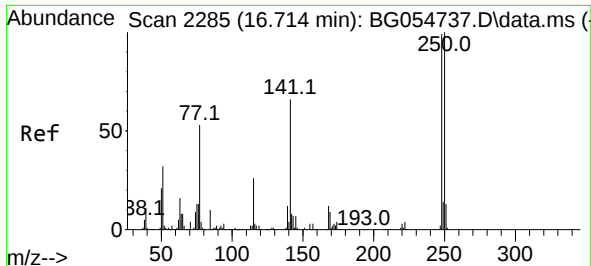
Tgt Ion:165 Resp: 17719
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.529 min Scan# 2424
Delta R.T. -0.002 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

Tgt Ion:188 Resp: 309884
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.9 7.9 11.9

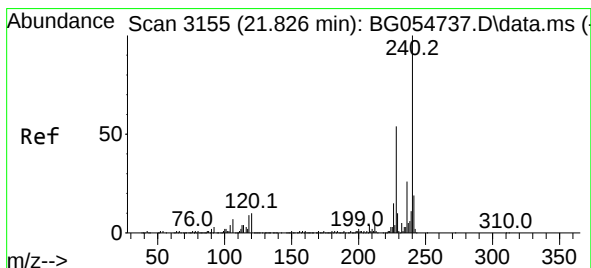
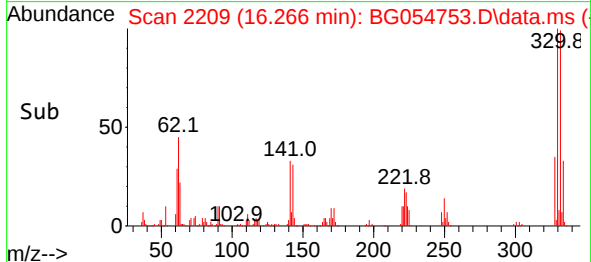
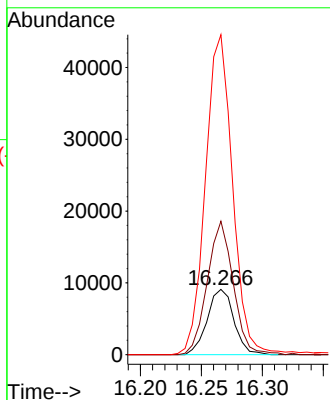
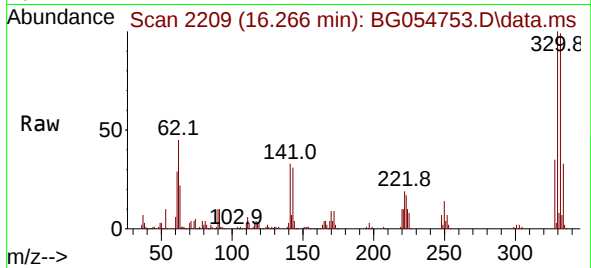




#67
4-Bromophenyl-phenylether
Concen: 4.071 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

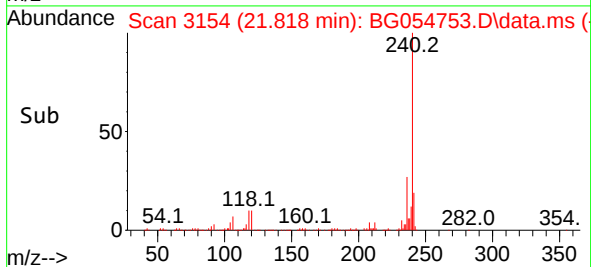
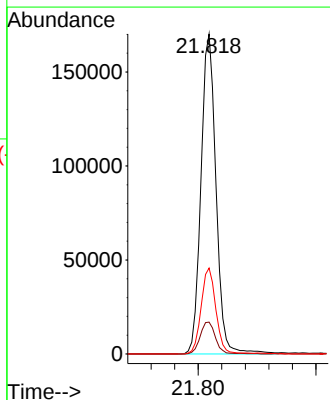
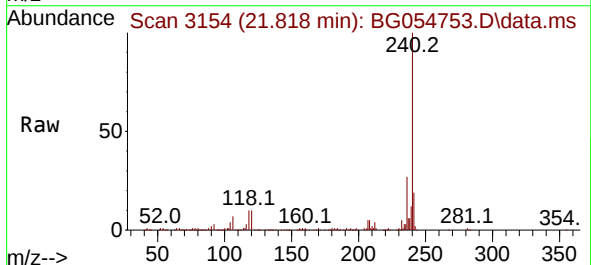
Instrument :
BNA_G
ClientSampleId :
MW-106D

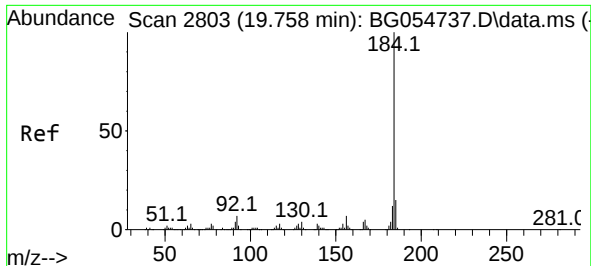
Tgt Ion:248 Resp: 13850
Ion Ratio Lower Upper
248 100
250 204.5 78.8 118.2#
141 490.6 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.818 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

Tgt Ion:240 Resp: 302272
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.4
236 26.9 21.2 31.8

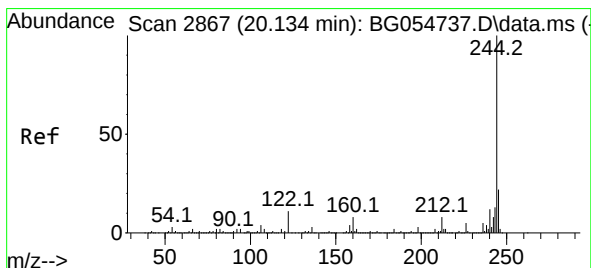
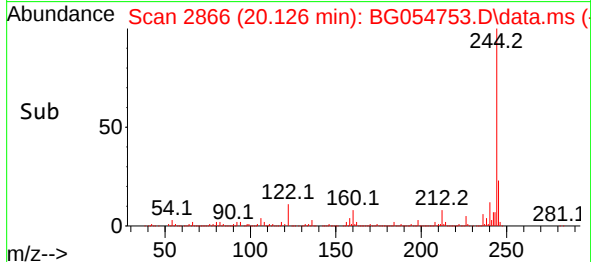
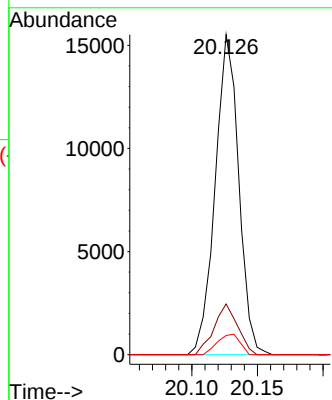
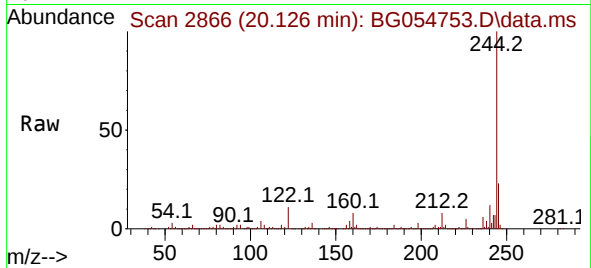




#77
Benzidine
Concen: 2.581 ng
RT: 20.126 min Scan# 21
Delta R.T. 0.369 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

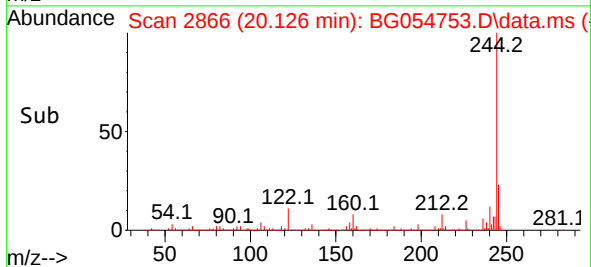
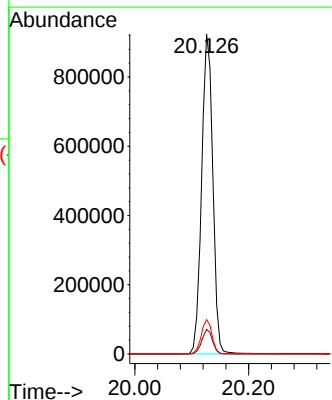
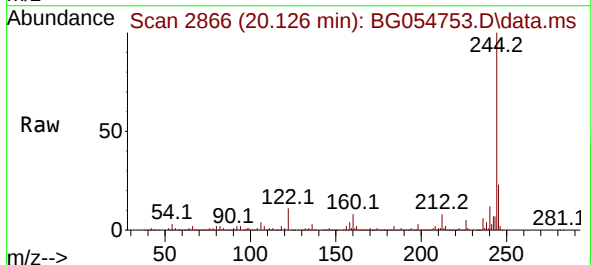
Instrument :
BNA_G
ClientSampleId :
MW-106D

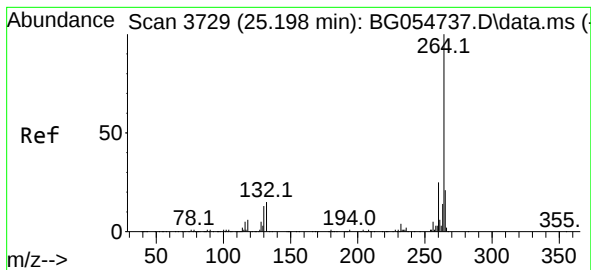
Tgt Ion:184 Resp: 19321
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.0
183 6.0 9.8 14.8#



#79
Terphenyl-d14
Concen: 82.751 ng
RT: 20.126 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054753.D
Acq: 26 Aug 2022 13:04

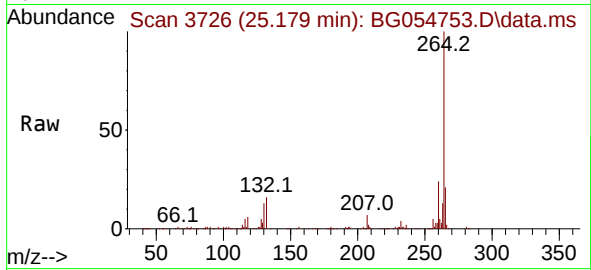
Tgt Ion:244 Resp: 1262420
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.7 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.179 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: BG054753.D
 Acq: 26 Aug 2022 13:04

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D



Tgt Ion:264 Resp: 309519
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.9 29.9
 265 21.5 16.9 25.3

