

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051479.D
 Acq On : 11 Dec 2021 14:26
 Operator : CG/JU
 Sample : PB141259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 22:54:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

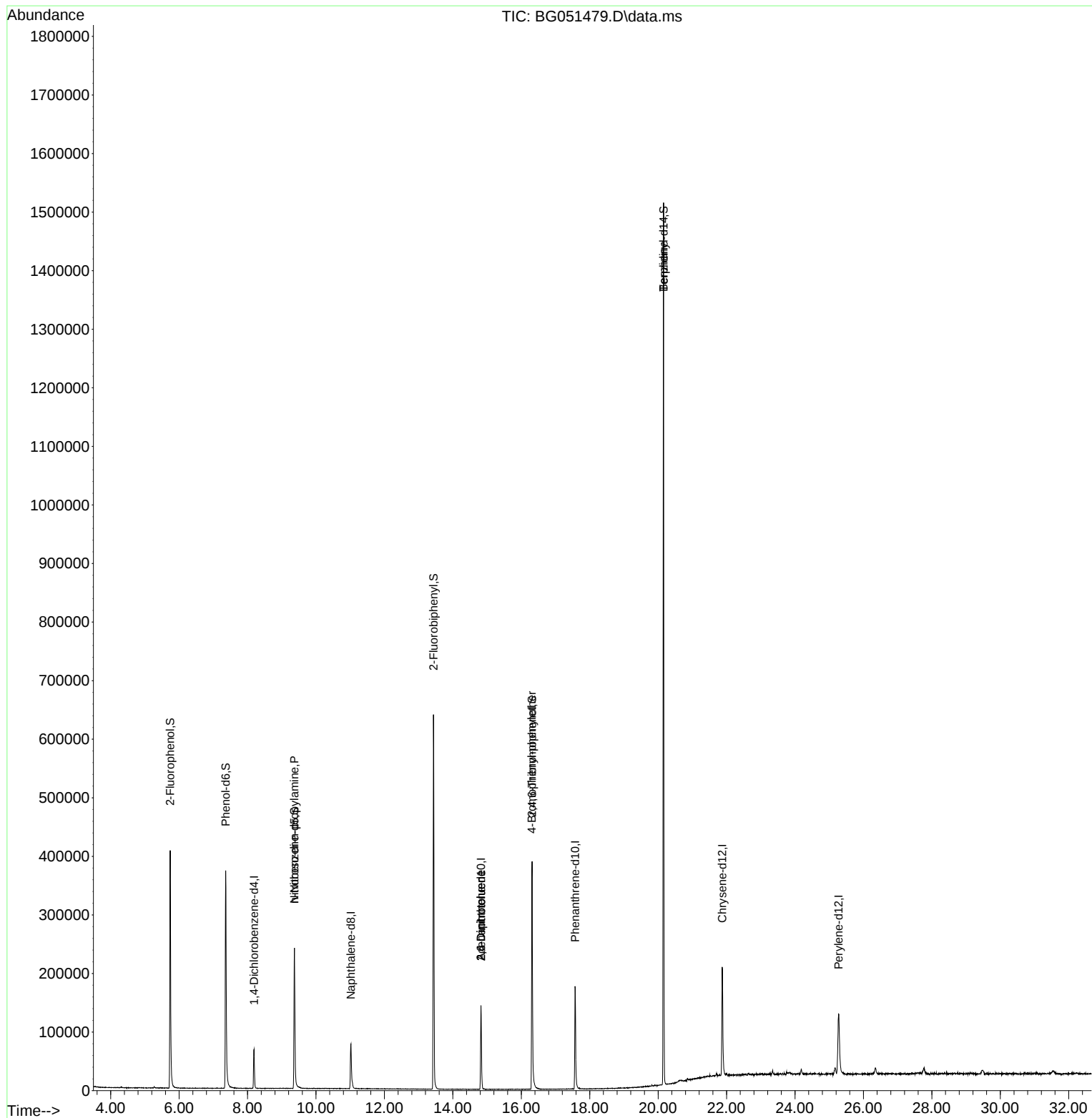
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	20180	20.000	ng	-0.02
21) Naphthalene-d8	11.021	136	87814	20.000	ng	#-0.02
39) Acenaphthene-d10	14.822	164	58367	20.000	ng	-0.02
64) Phenanthrene-d10	17.572	188	140008	20.000	ng	#-0.02
76) Chrysene-d12	21.873	240	142647	20.000	ng	#-0.01
86) Perylene-d12	25.275	264	136461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.739	112	188370	144.297	ng	0.00
7) Phenol-d6	7.360	99	245660	133.609	ng	0.00
23) Nitrobenzene-d5	9.370	82	181106	94.145	ng	-0.02
42) 2,4,6-Tribromophenol	16.314	330	71916	115.925	ng	-0.02
45) 2-Fluorobiphenyl	13.435	172	349129	90.261	ng	-0.02
79) Terphenyl-d14	20.157	244	693189	88.836	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.370	70	24462	18.024	ng	# 68
51) 2,6-Dinitrotoluene	14.822	165	7402	7.881	ng	# 10
57) 2,4-Dinitrotoluene	14.822	165	7402	5.502	ng	# 15
67) 4-Bromophenyl-phenylether	16.309	248	5380	3.553	ng	# 1
77) Benzidine	20.157	184	12975	5.539	ng	# 91

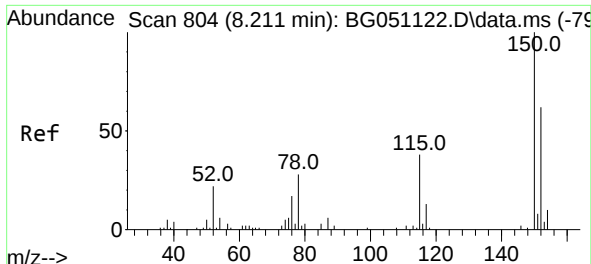
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
Data File : BG051479.D
Acq On : 11 Dec 2021 14:26
Operator : CG/JU
Sample : PB141259BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

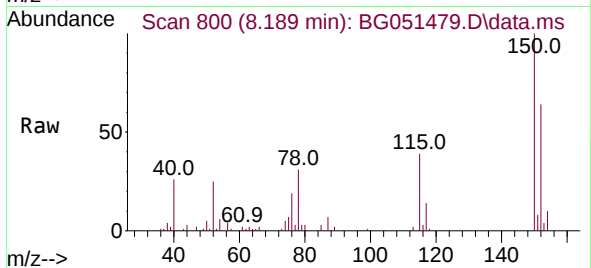
Quant Time: Dec 11 22:54:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration



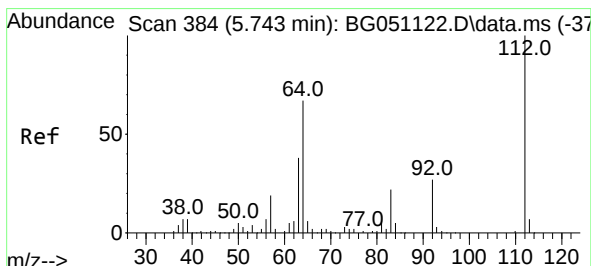
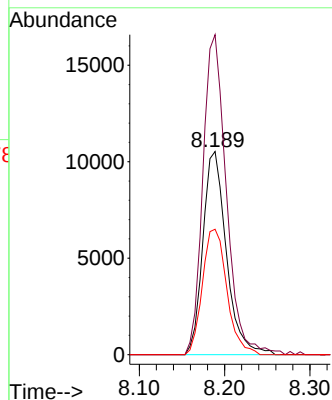
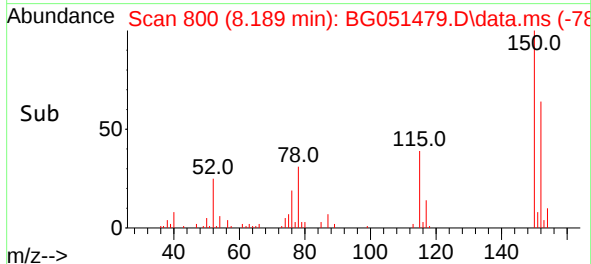


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.189 min Scan# 804
Delta R.T. -0.022 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

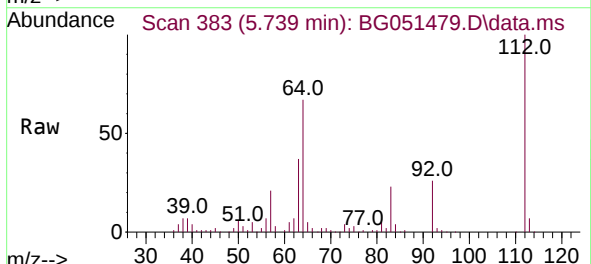
Instrument :
BNA_G
ClientSampleId :



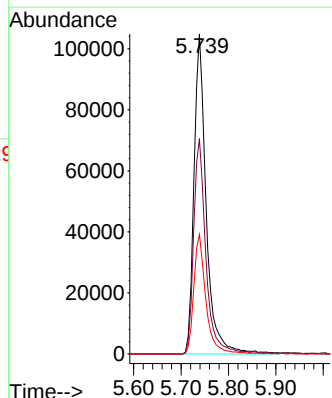
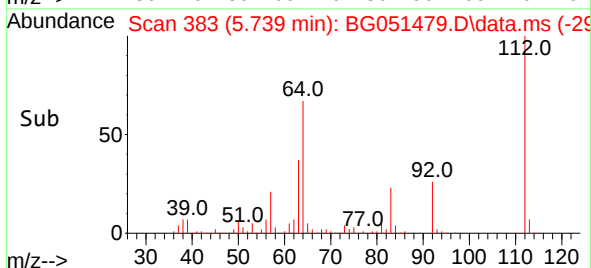
Tgt Ion:152 Resp: 20180
Ion Ratio Lower Upper
152 100
150 157.4 119.4 179.0
115 61.7 60.2 90.4

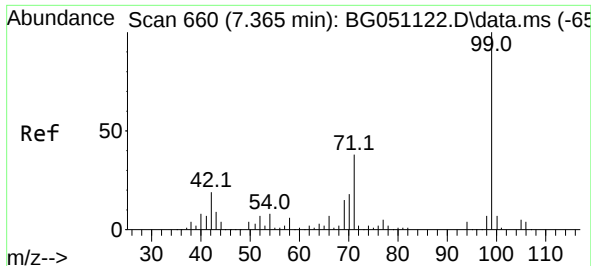


#5
2-Fluorophenol
Concen: 144.297 ng
RT: 5.739 min Scan# 383
Delta R.T. -0.005 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26



Tgt Ion:112 Resp: 188370
Ion Ratio Lower Upper
112 100
64 67.3 46.7 70.1
63 37.3 35.3 52.9

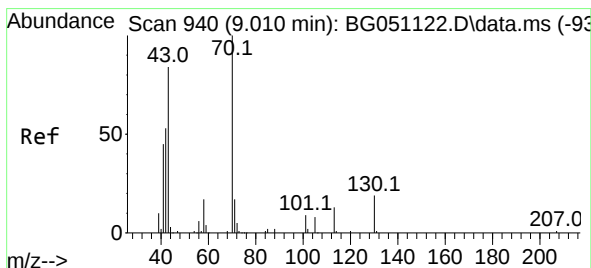
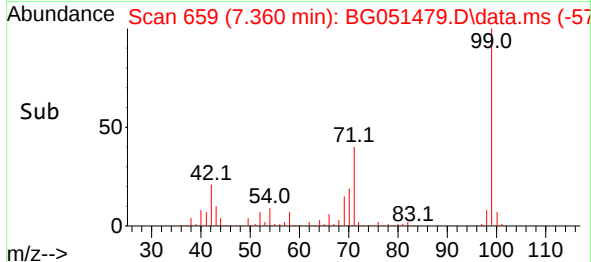
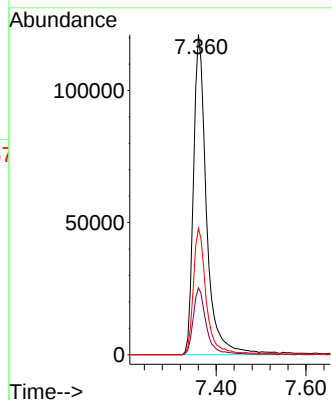
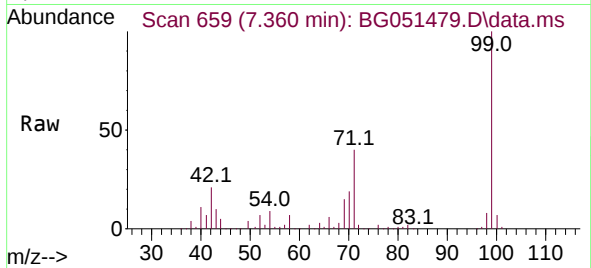




#7
Phenol-d6
Concen: 133.609 ng
RT: 7.360 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

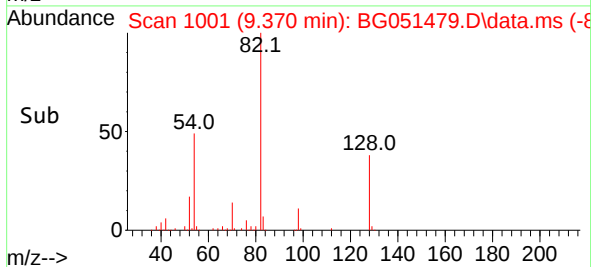
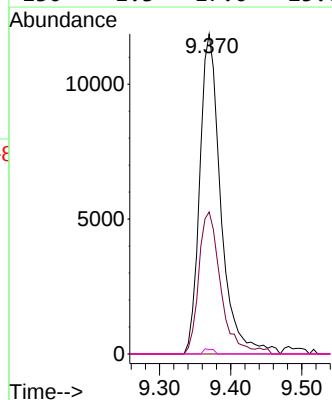
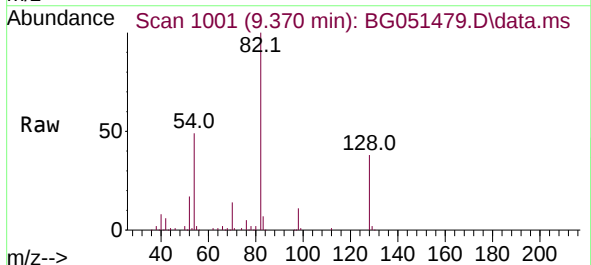
Instrument :
BNA_G
ClientSampleId :

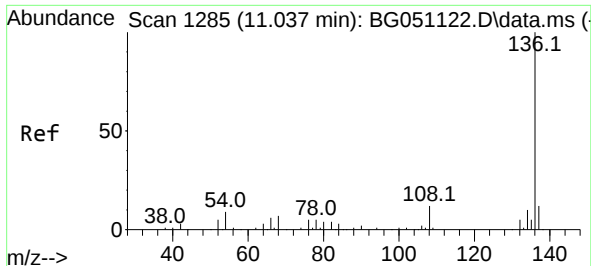
Tgt Ion: 99 Resp: 245660
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 39.5 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.024 ng
RT: 9.370 min Scan# 1001
Delta R.T. 0.360 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

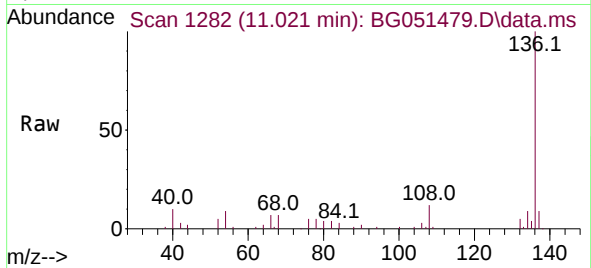
Tgt Ion: 70 Resp: 24462
Ion Ratio Lower Upper
70 100
42 44.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#



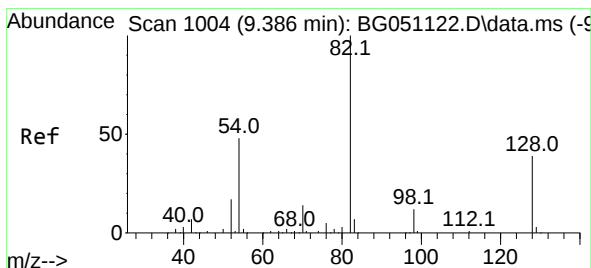
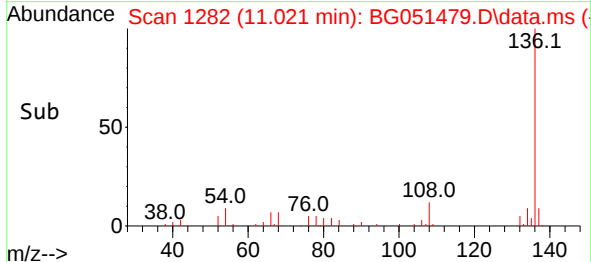
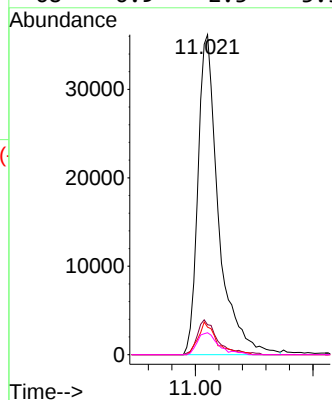


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.021 min Scan# 11
Delta R.T. -0.016 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

Instrument :
BNA_G
ClientSampleId :

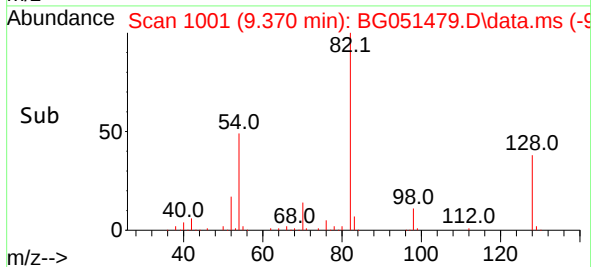
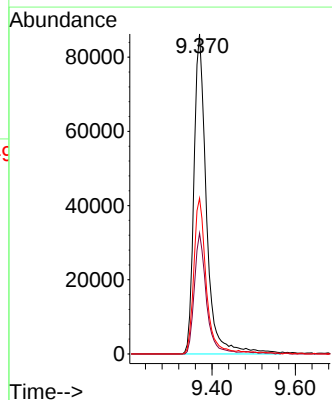
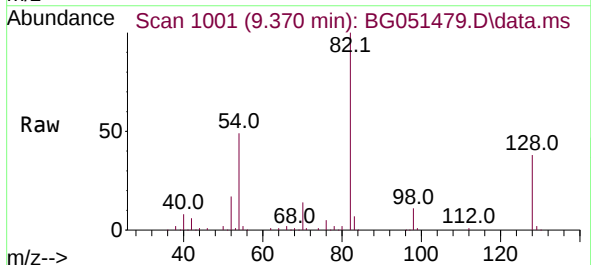


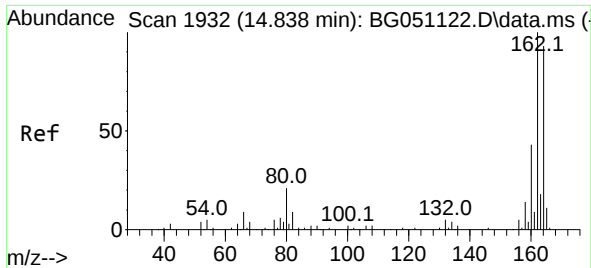
Tgt Ion:136 Resp: 87814
Ion Ratio Lower Upper
136 100
137 9.4 8.2 12.2
54 8.6 5.5 8.3#
68 6.9 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 94.145 ng
RT: 9.370 min Scan# 1001
Delta R.T. -0.016 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

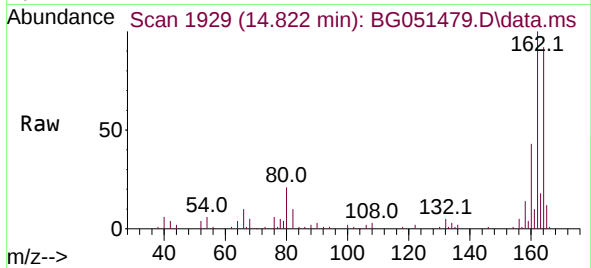
Tgt Ion: 82 Resp: 181106
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 48.7 45.8 68.8



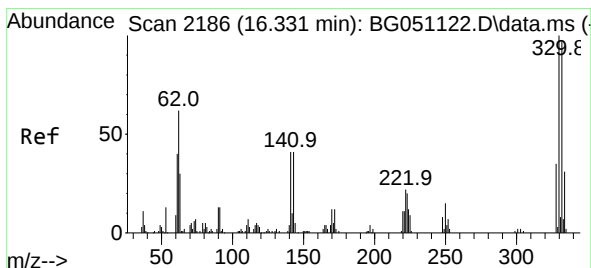
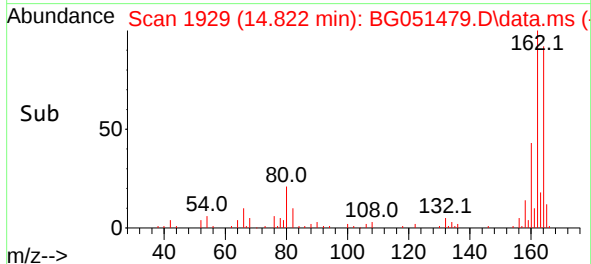
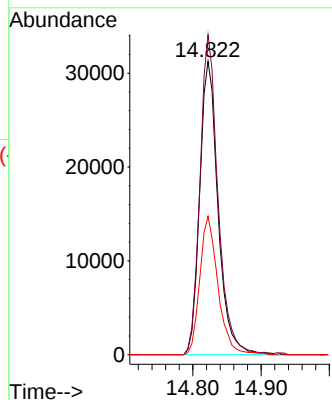


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.822 min Scan# 1932
Delta R.T. -0.016 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

Instrument :
BNA_G
ClientSampleId :

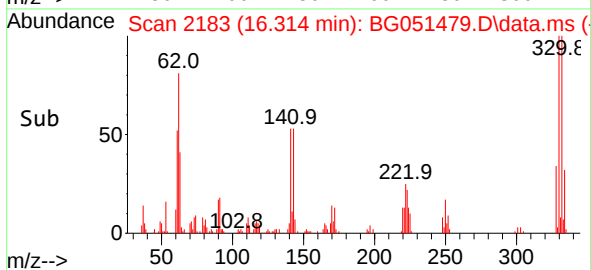
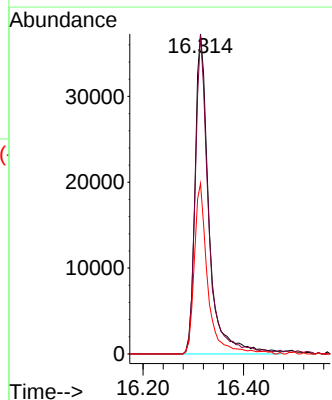
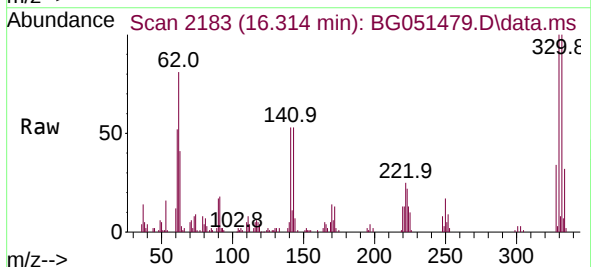


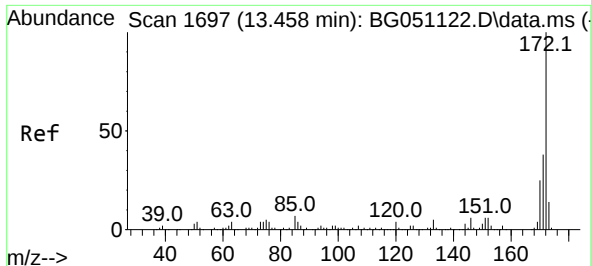
Tgt Ion:164 Resp: 58367
Ion Ratio Lower Upper
164 100
162 109.1 81.4 122.0
160 47.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 115.925 ng
RT: 16.314 min Scan# 2183
Delta R.T. -0.016 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

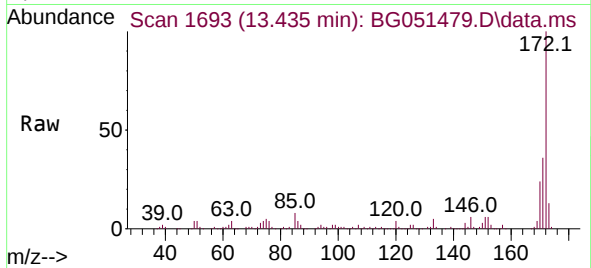
Tgt Ion:330 Resp: 71916
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 50.9 35.6 53.4



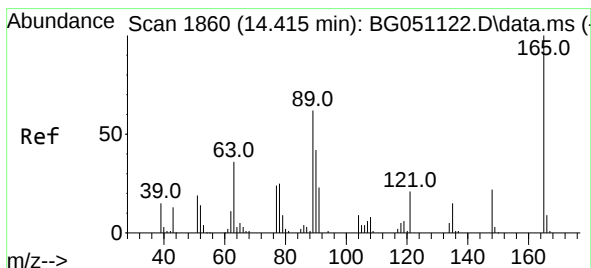
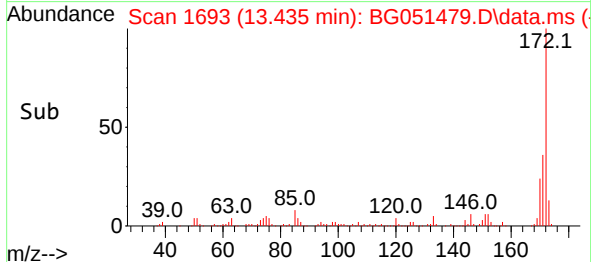
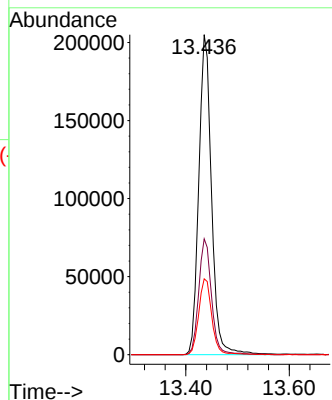


#45
2-Fluorobiphenyl
Concen: 90.261 ng
RT: 13.435 min Scan# 1
Delta R.T. -0.022 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

Instrument :
BNA_G
ClientSampleId :

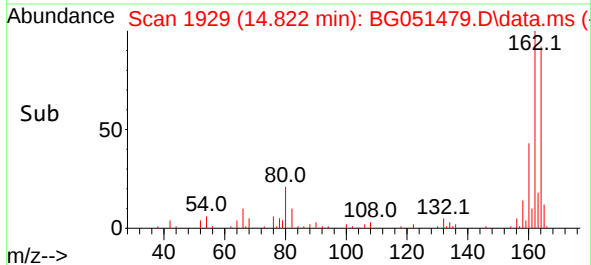
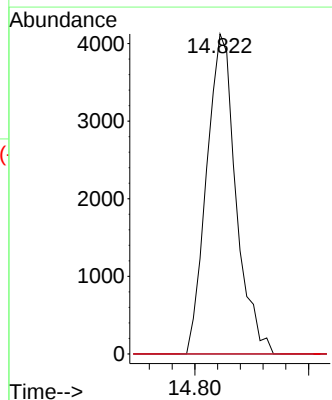
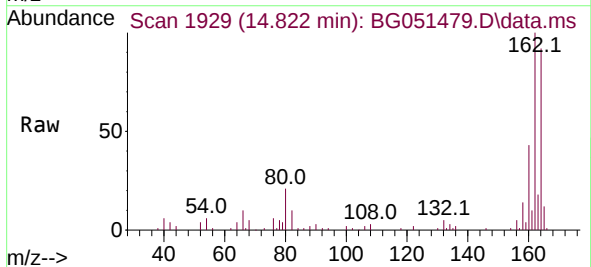


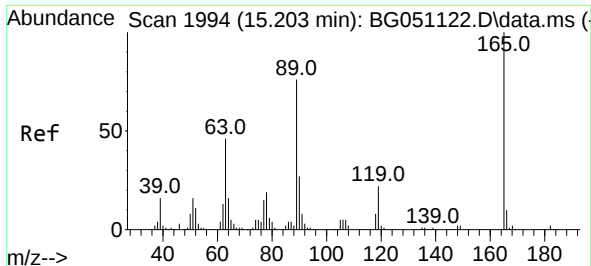
Tgt Ion:172 Resp: 349129
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.881 ng
RT: 14.822 min Scan# 1929
Delta R.T. 0.407 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

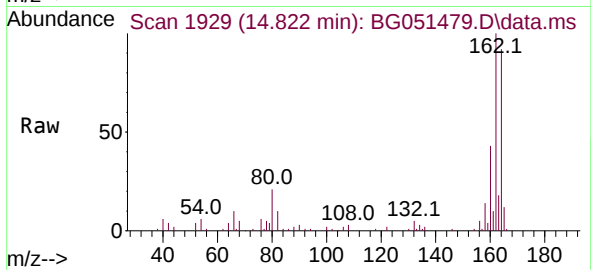
Tgt Ion:165 Resp: 7402
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



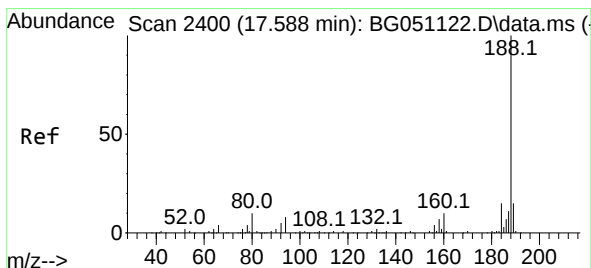
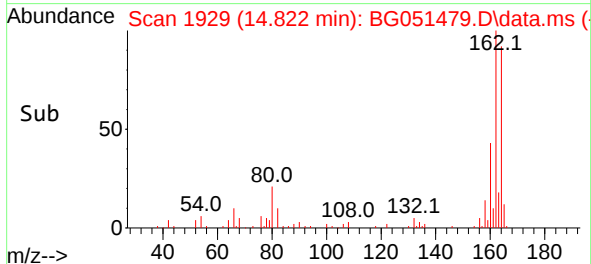
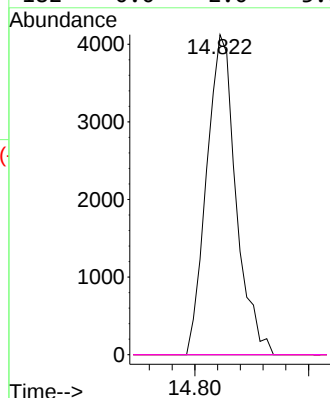


#57
2,4-Dinitrotoluene
Concen: 5.502 ng
RT: 14.822 min Scan# 1929
Delta R.T. -0.381 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

Instrument :
BNA_G
ClientSampleId :

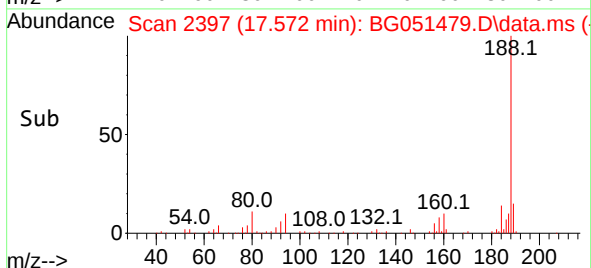
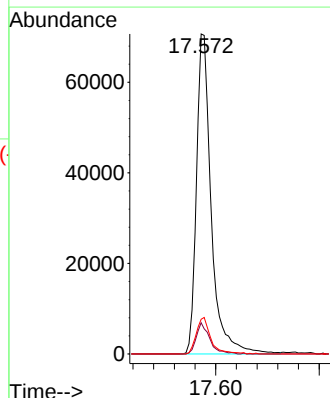
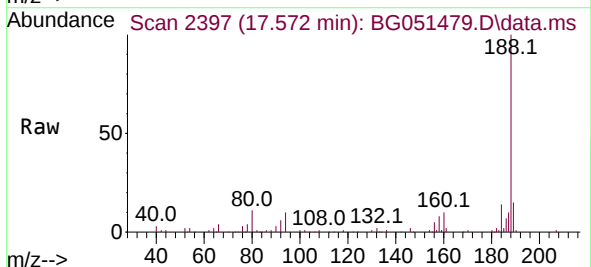


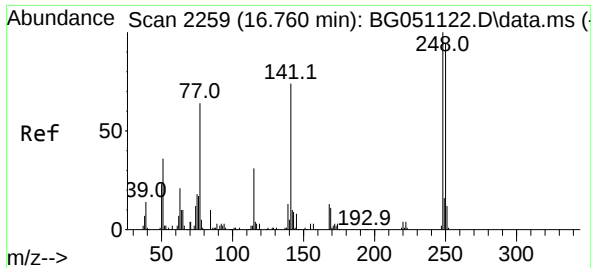
Tgt Ion:165 Resp: 7402
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.572 min Scan# 2397
Delta R.T. -0.016 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

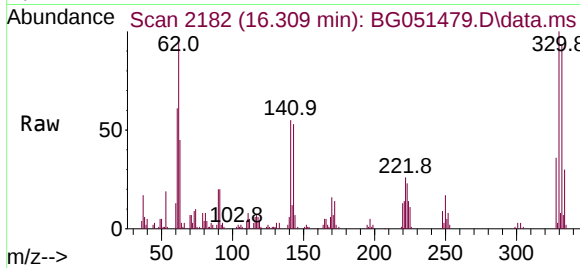
Tgt Ion:188 Resp: 140008
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 10.8 3.7 5.5#



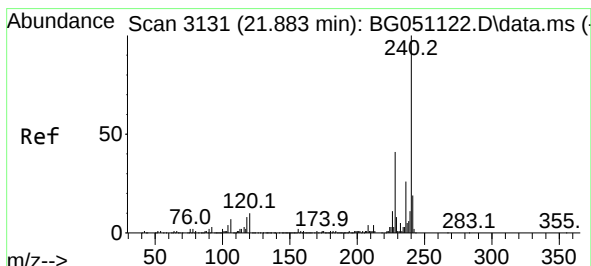
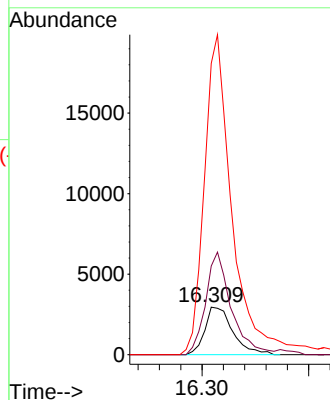
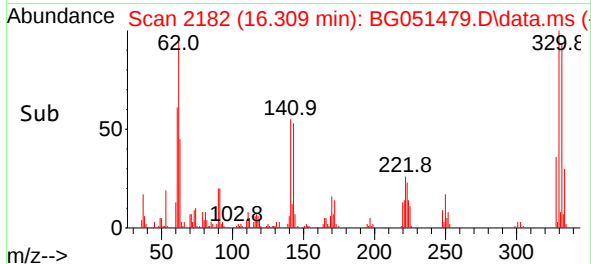


#67
4-Bromophenyl-phenylether
Concen: 3.553 ng
RT: 16.309 min Scan# 2182
Delta R.T. -0.451 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

Instrument :
BNA_G
ClientSampleId :

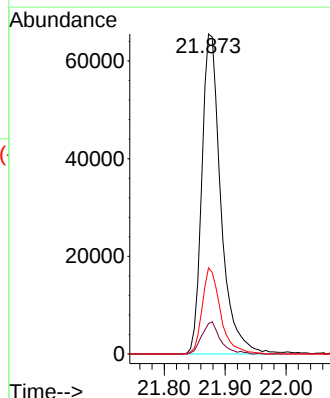
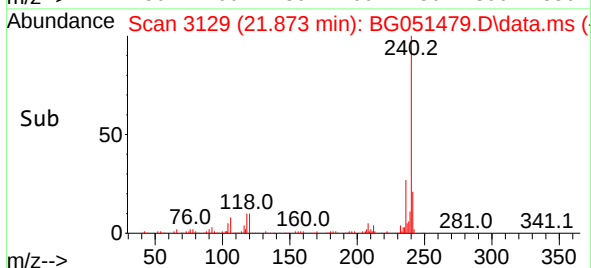
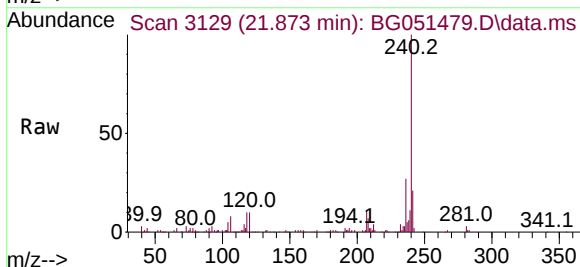


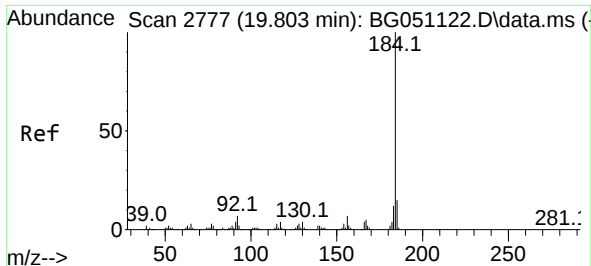
Tgt Ion:248 Resp: 5380
Ion Ratio Lower Upper
248 100
250 186.6 76.1 114.1#
141 612.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.873 min Scan# 3129
Delta R.T. -0.010 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

Tgt Ion:240 Resp: 142647
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.9 21.8 32.6

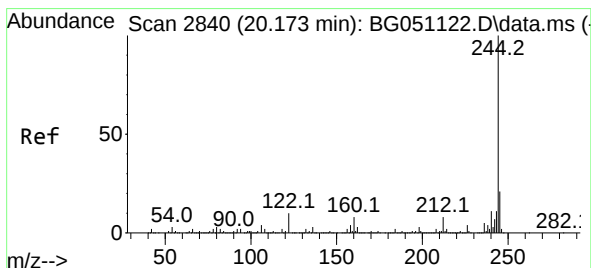
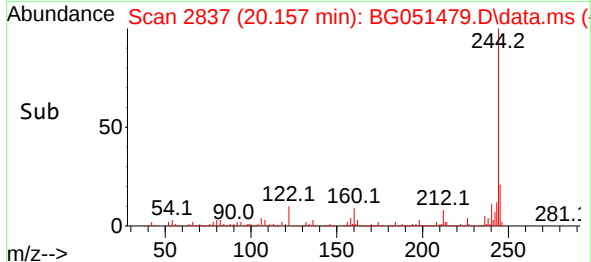
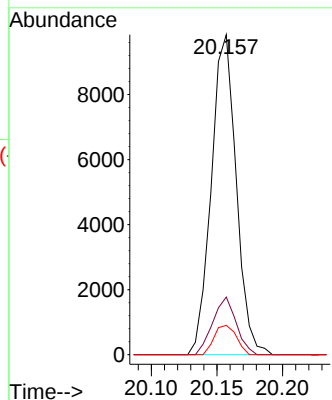
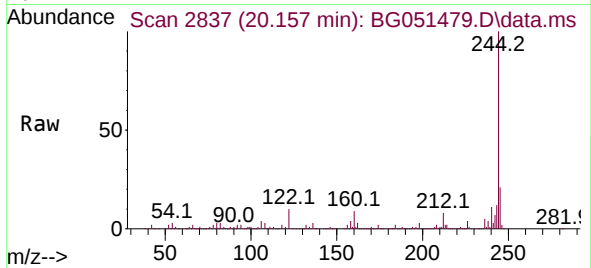




#77
Benzidine
Concen: 5.539 ng
RT: 20.157 min Scan# 2837
Delta R.T. 0.354 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

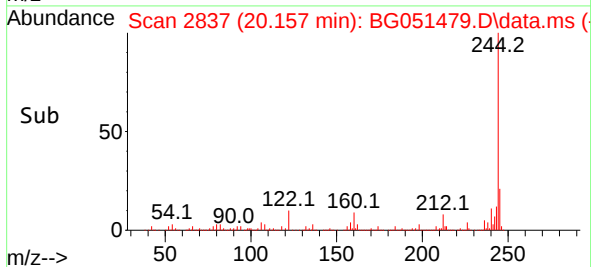
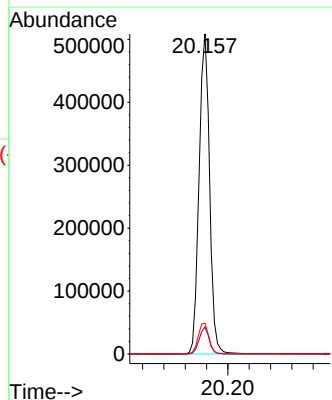
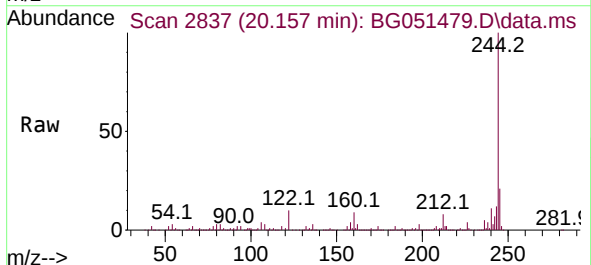
Instrument :
BNA_G
ClientSampleId :

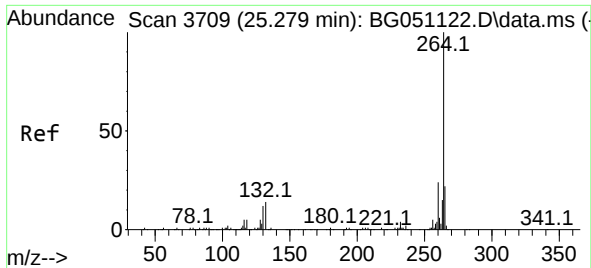
Tgt Ion:184 Resp: 12975
Ion Ratio Lower Upper
184 100
185 18.0 10.7 16.1#
183 9.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.836 ng
RT: 20.157 min Scan# 2837
Delta R.T. -0.016 min
Lab File: BG051479.D
Acq: 11 Dec 2021 14:26

Tgt Ion:244 Resp: 693189
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 9.6 5.0 7.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.275 min Scan# 31

Delta R.T. -0.005 min

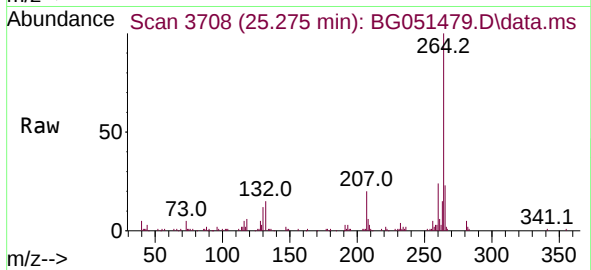
Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:264 Resp: 136461

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.7 16.9 25.3

