

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059743.D
 Acq On : 17 Nov 2023 23:38
 Operator : MA/JU
 Sample : 05323-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 04:24:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

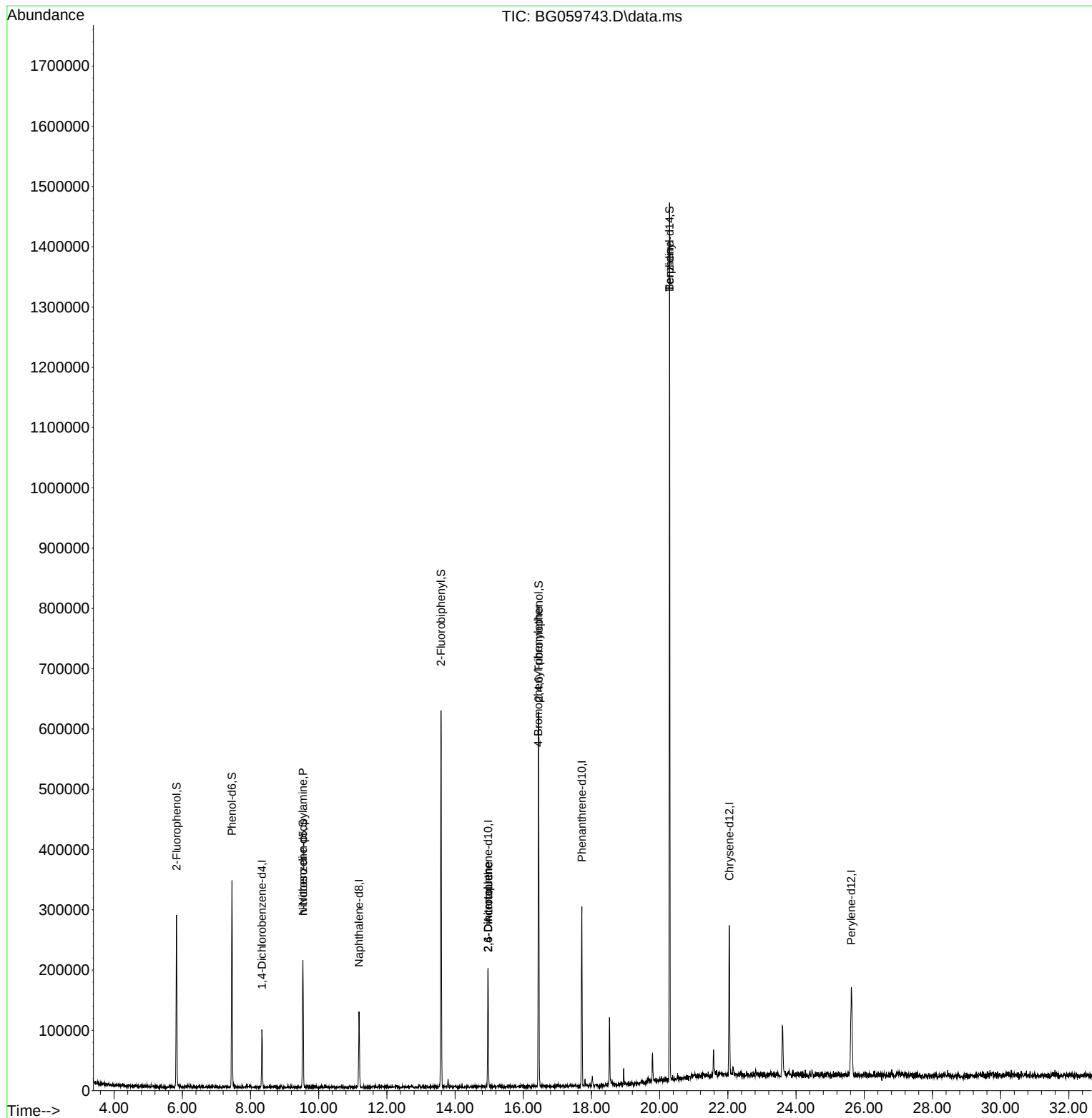
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	19356	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	84207	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	60074	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	157482	20.000	ng	# 0.00
76) Chrysene-d12	22.043	240	143261	20.000	ng	# 0.00
86) Perylene-d12	25.621	264	173840	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	102439	89.078	ng	0.00
7) Phenol-d6	7.460	99	144619	84.861	ng	0.00
23) Nitrobenzene-d5	9.540	82	135068	61.260	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	82943	121.686	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	268714	60.209	ng	0.00
79) Terphenyl-d14	20.292	244	575526	59.306	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.540	70	21553	16.060	ng	# 74
51) 2,6-Dinitrotoluene	14.975	165	8287	9.383	ng	# 1
57) 2,4-Dinitrotoluene	14.975	165	8287	6.102	ng	# 1
67) 4-Bromophenyl-phenylether	16.443	248	4738	2.801	ng	# 1
77) Benzydine	20.292	184	17046	5.247	ng	# 93

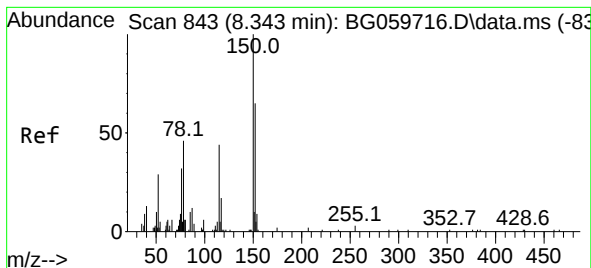
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
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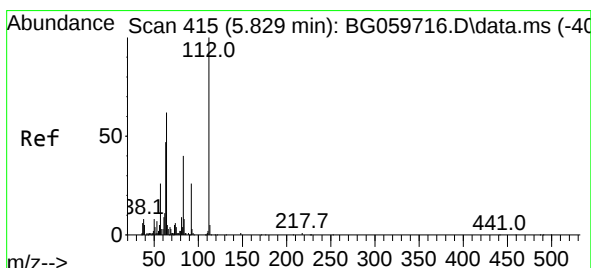
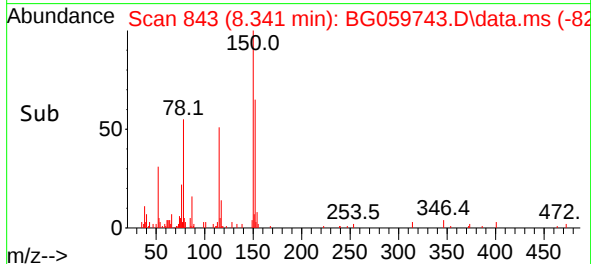
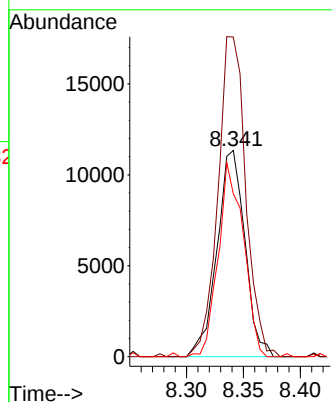
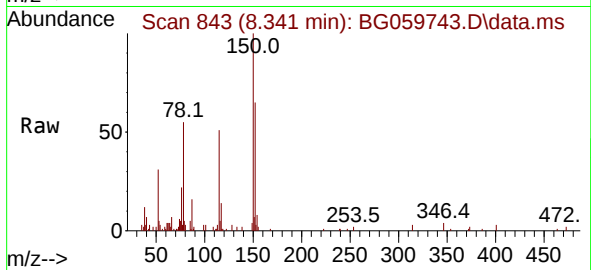




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

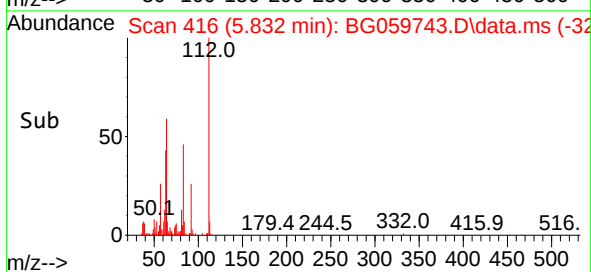
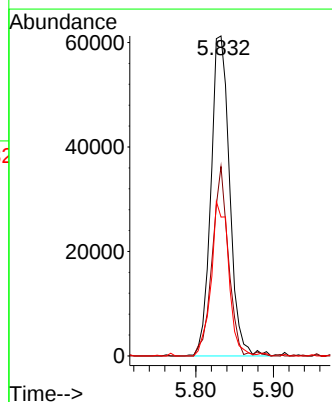
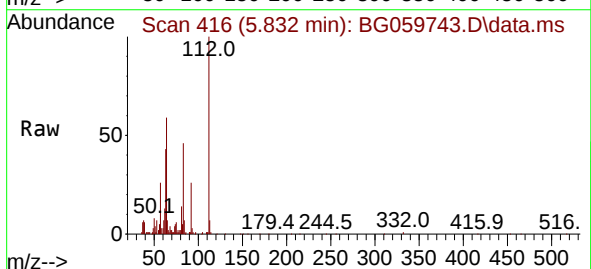
Instrument :
BNA_G
ClientSampleId :

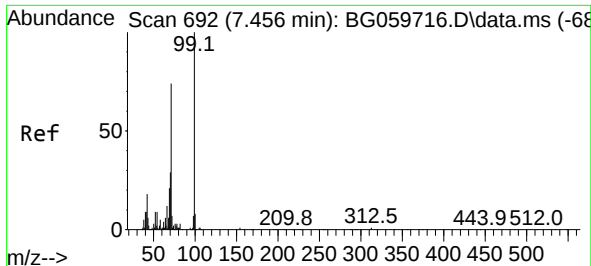
Tgt Ion:152 Resp: 19356
Ion Ratio Lower Upper
152 100
150 155.0 122.2 183.4
115 79.0 54.2 81.4



#5
2-Fluorophenol
Concen: 89.078 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.004 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

Tgt Ion:112 Resp: 102439
Ion Ratio Lower Upper
112 100
64 59.2 49.5 74.3
63 43.4 37.4 56.2

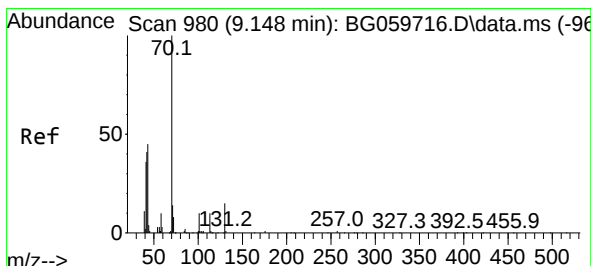
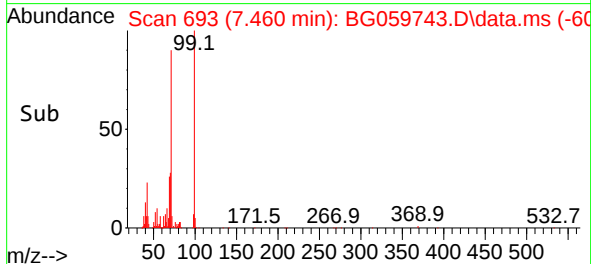
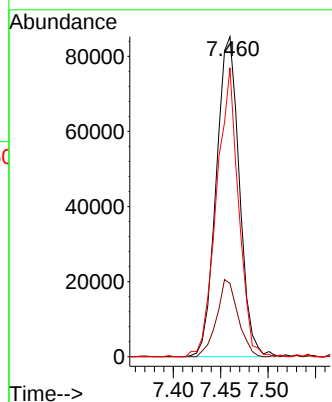
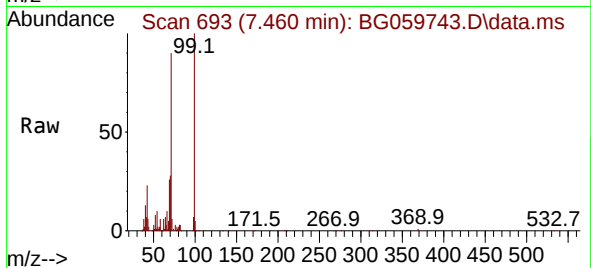




#7
Phenol-d6
Concen: 84.861 ng
RT: 7.460 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

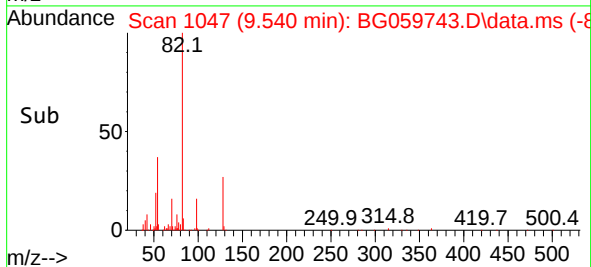
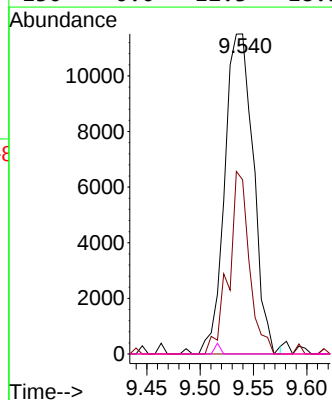
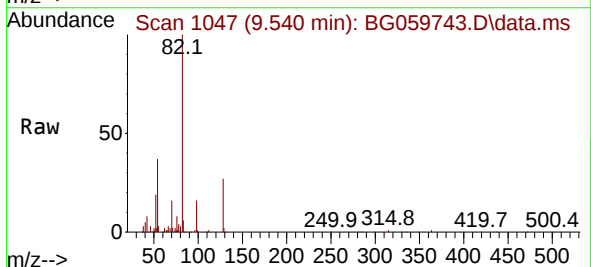
Instrument :
BNA_G
ClientSampleId :

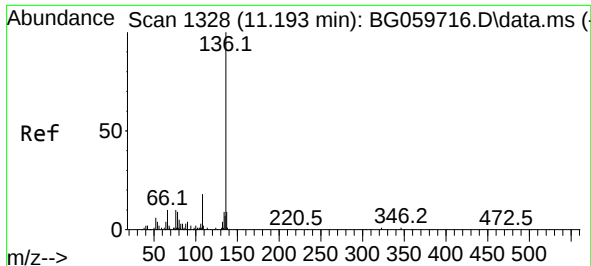
Tgt Ion: 99 Resp: 144619
Ion Ratio Lower Upper
99 100
42 22.9 14.3 21.5#
71 90.3 59.3 88.9#



#19
n-Nitroso-di-n-propylamine
Concen: 16.060 ng
RT: 9.540 min Scan# 1047
Delta R.T. 0.391 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

Tgt Ion: 70 Resp: 21553
Ion Ratio Lower Upper
70 100
42 54.5 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

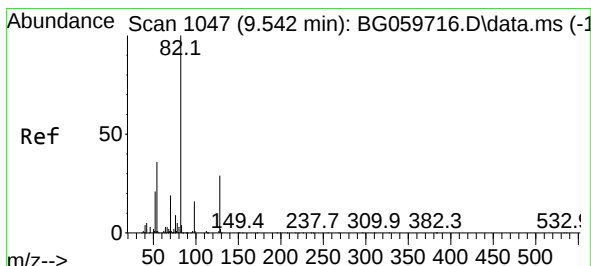
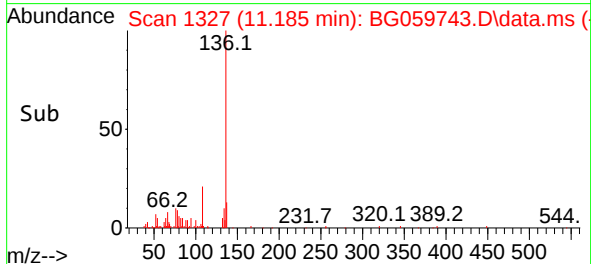
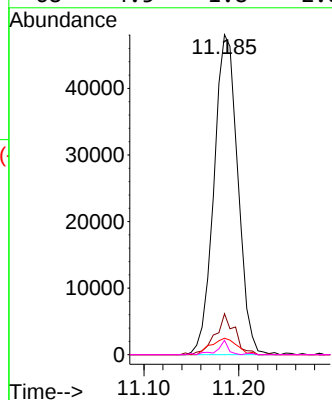
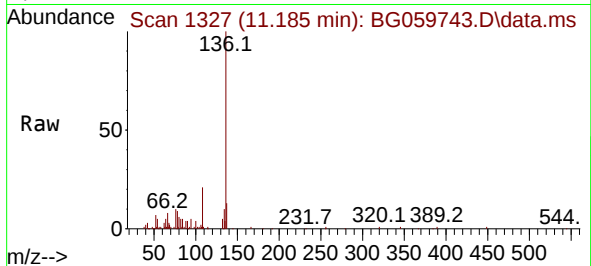




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 111
Delta R.T. -0.008 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

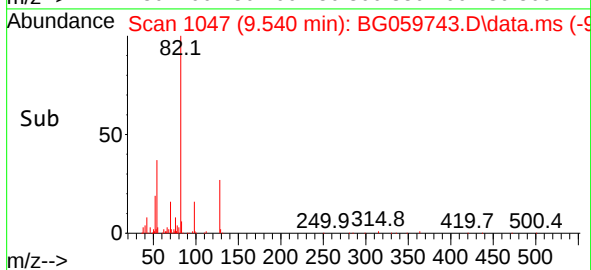
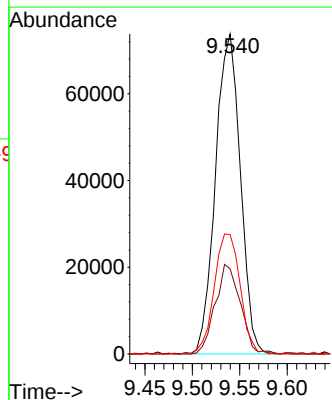
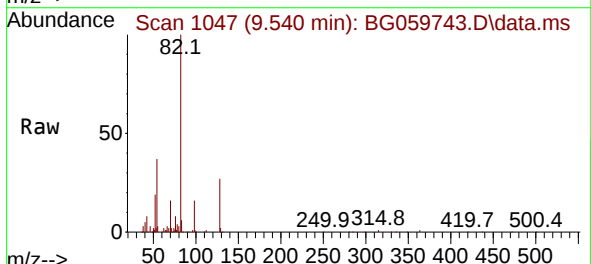
Instrument :
BNA_G
ClientSampleId :

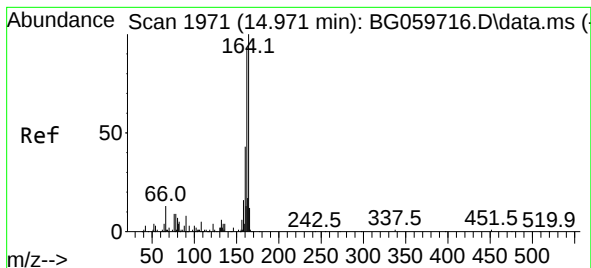
Tgt Ion:136 Resp: 84207
Ion Ratio Lower Upper
136 100
137 12.8 7.4 11.0#
54 5.2 3.1 4.7#
68 4.5 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 61.260 ng
RT: 9.540 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

Tgt Ion: 82 Resp: 135068
Ion Ratio Lower Upper
82 100
128 26.6 23.0 34.6
54 37.3 28.7 43.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1971

Delta R.T. -0.002 min

Lab File: BG059743.D

Acq: 17 Nov 2023 23:38

Instrument :

BNA_G

ClientSampleId :

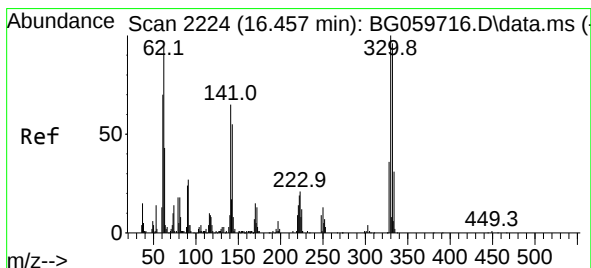
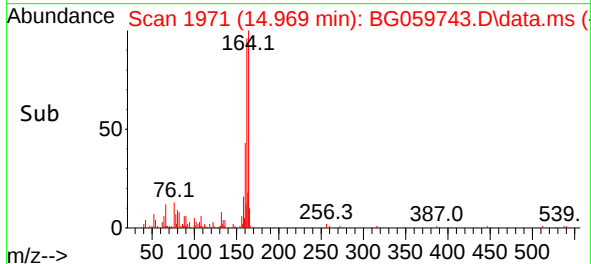
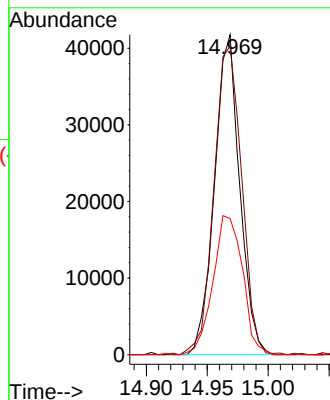
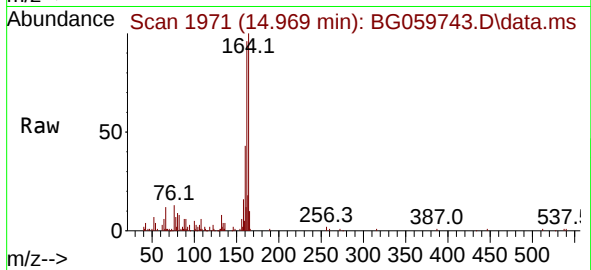
Tgt Ion:164 Resp: 60074

Ion Ratio Lower Upper

164 100

162 96.4 73.3 109.9

160 42.5 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 121.686 ng

RT: 16.455 min Scan# 2224

Delta R.T. -0.002 min

Lab File: BG059743.D

Acq: 17 Nov 2023 23:38

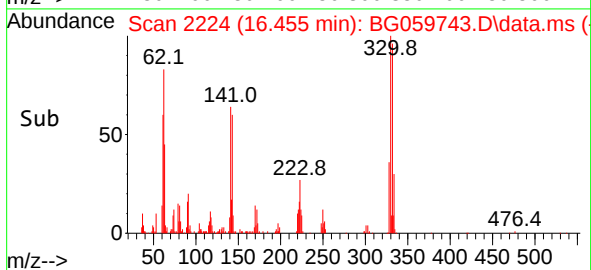
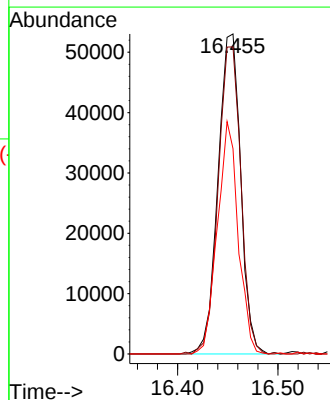
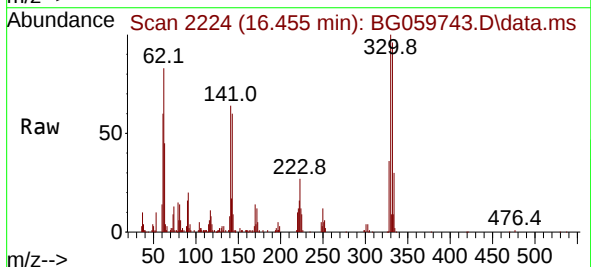
Tgt Ion:330 Resp: 82943

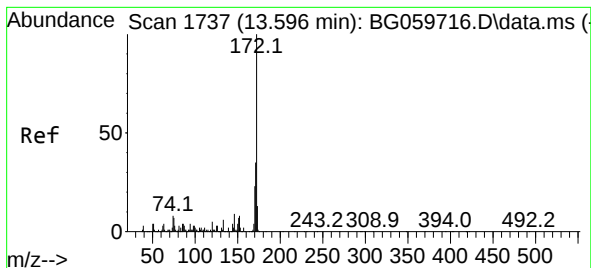
Ion Ratio Lower Upper

330 100

332 96.5 73.3 109.9

141 66.8 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 60.209 ng

RT: 13.588 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059743.D

Acq: 17 Nov 2023 23:38

Instrument :

BNA_G

ClientSampleId :

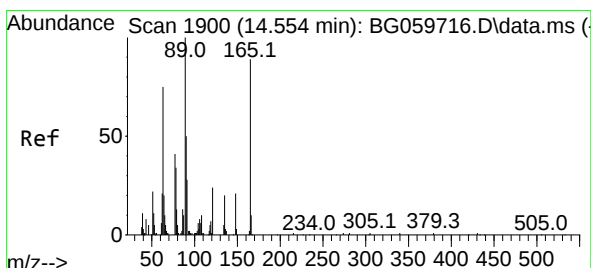
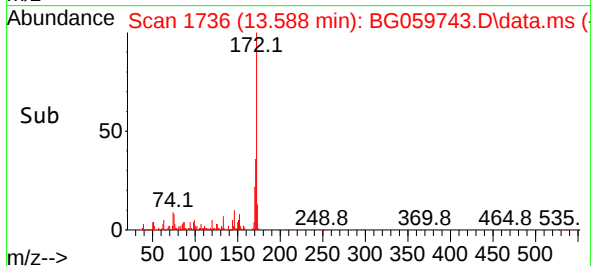
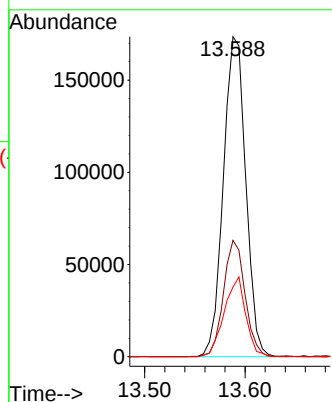
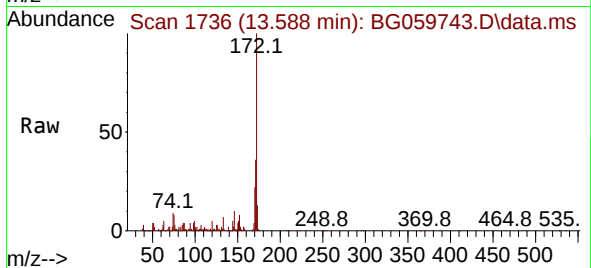
Tgt Ion:172 Resp: 268714

Ion Ratio Lower Upper

172 100

171 36.3 27.7 41.5

170 21.8 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 9.383 ng

RT: 14.975 min Scan# 1972

Delta R.T. 0.421 min

Lab File: BG059743.D

Acq: 17 Nov 2023 23:38

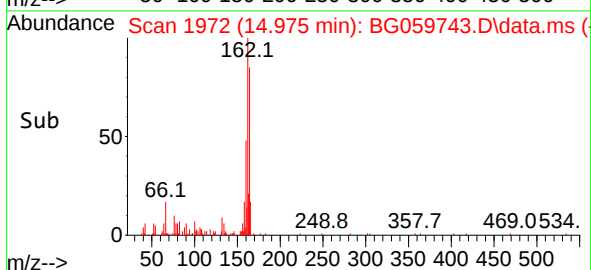
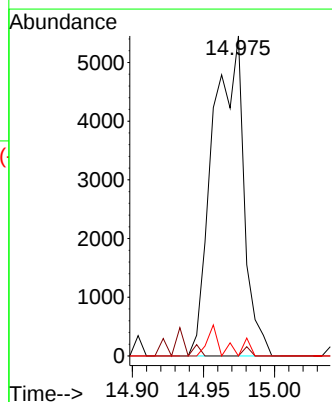
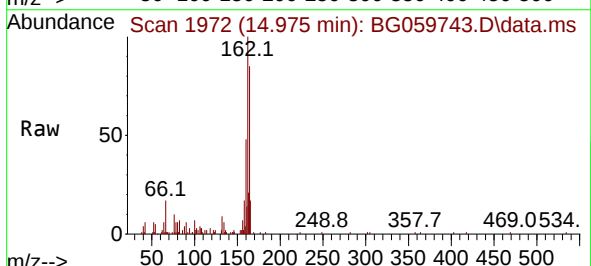
Tgt Ion:165 Resp: 8287

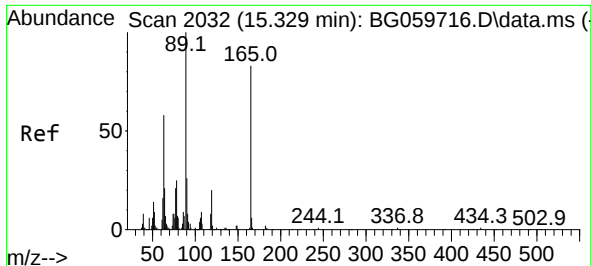
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 0.0 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 6.102 ng

RT: 14.975 min Scan# 1972

Delta R.T. -0.355 min

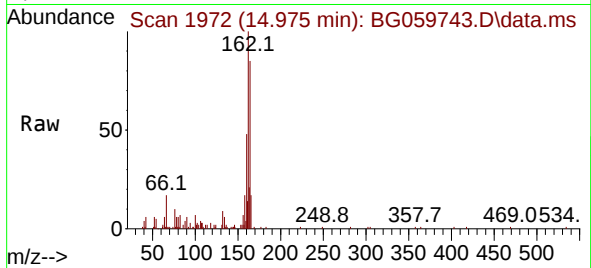
Lab File: BG059743.D

Acq: 17 Nov 2023 23:38

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 8287

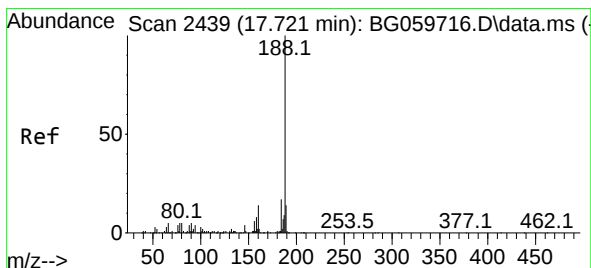
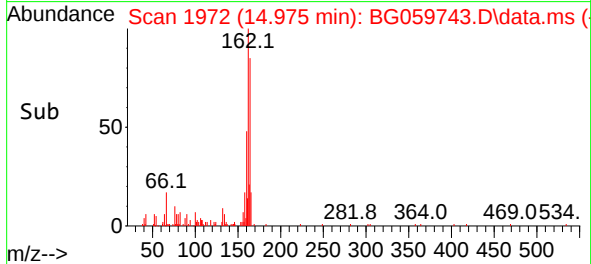
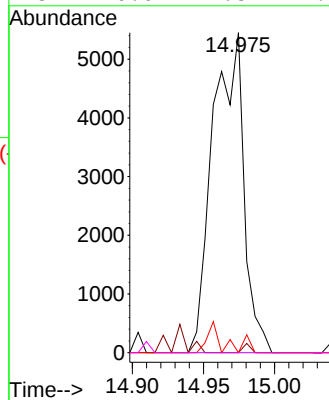
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 0.0 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG059743.D

Acq: 17 Nov 2023 23:38

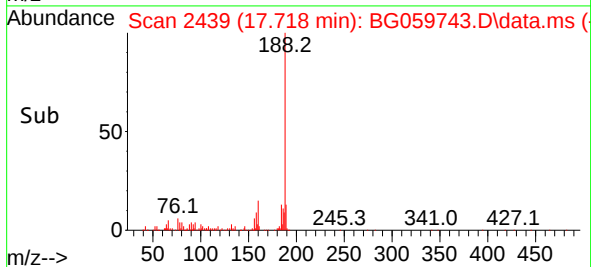
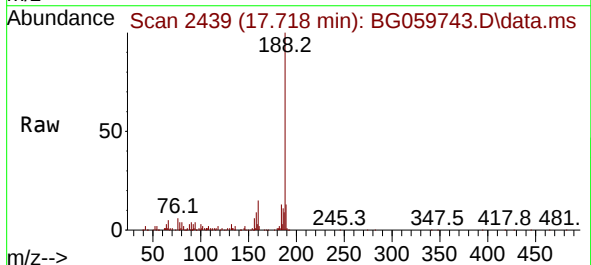
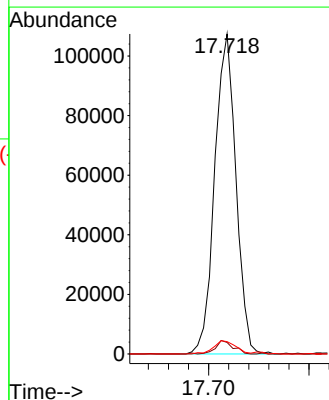
Tgt Ion:188 Resp: 157482

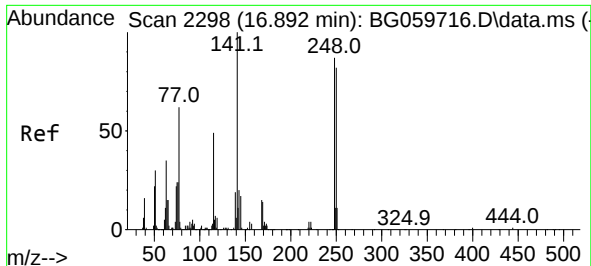
Ion Ratio Lower Upper

188 100

94 3.6 3.0 4.4

80 3.8 4.2 6.4#

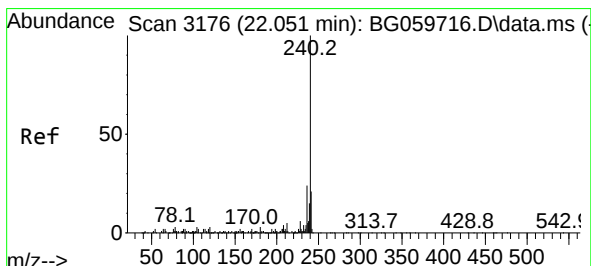
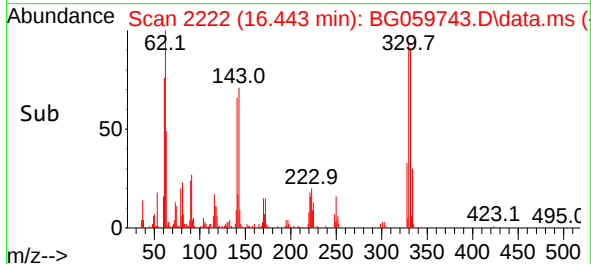
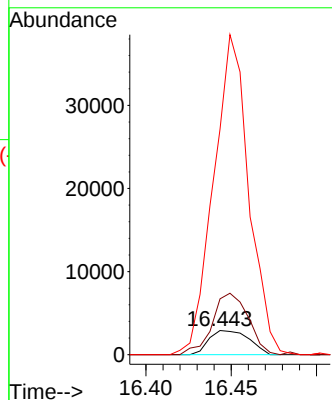
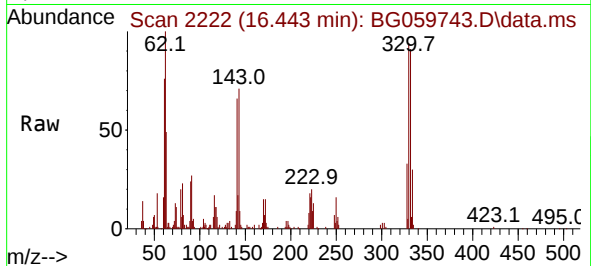




#67
4-Bromophenyl-phenylether
Concen: 2.801 ng
RT: 16.443 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

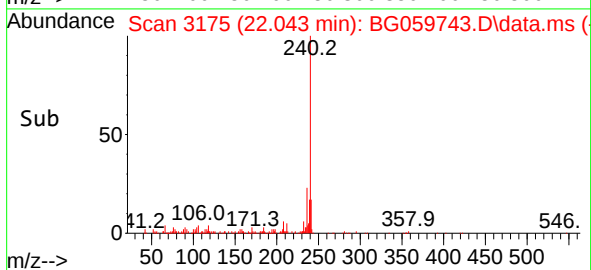
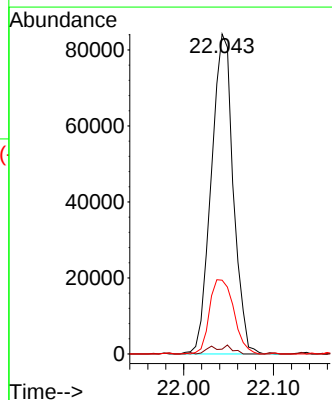
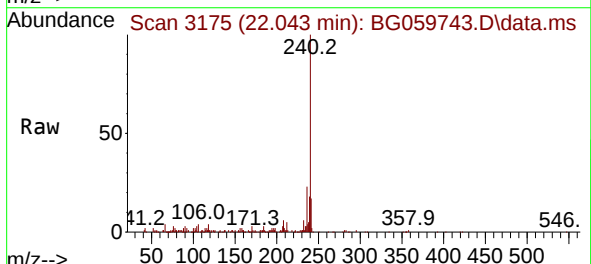
Instrument :
BNA_G
ClientSampleId :

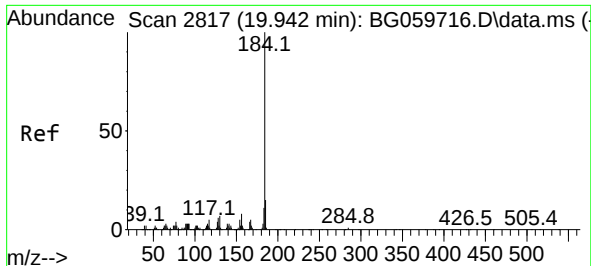
Tgt Ion:248 Resp: 4738
Ion Ratio Lower Upper
248 100
250 231.1 75.2 112.8#
141 934.3 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

Tgt Ion:240 Resp: 143261
Ion Ratio Lower Upper
240 100
120 1.5 2.2 3.2#
236 23.1 19.4 29.2

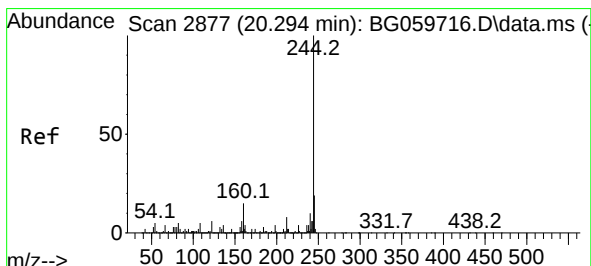
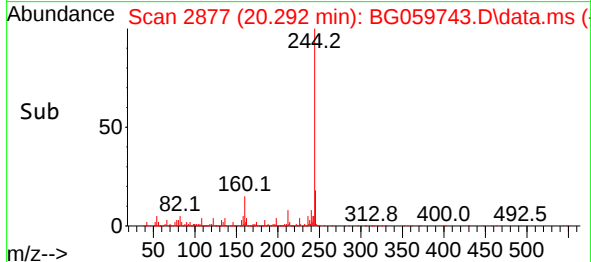
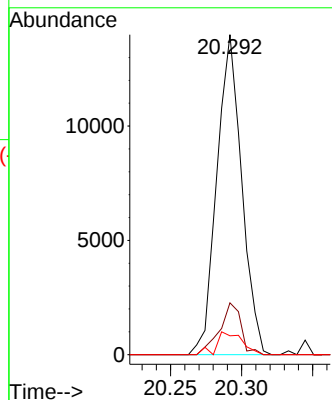
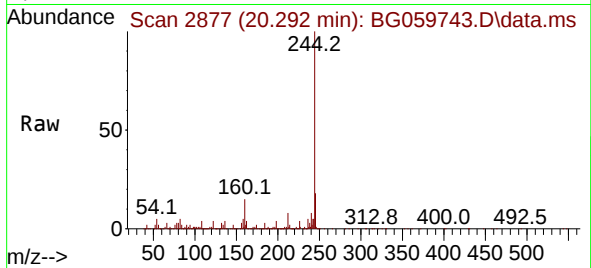




#77
Benzidine
Concen: 5.247 ng
RT: 20.292 min Scan# 2877
Delta R.T. 0.350 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

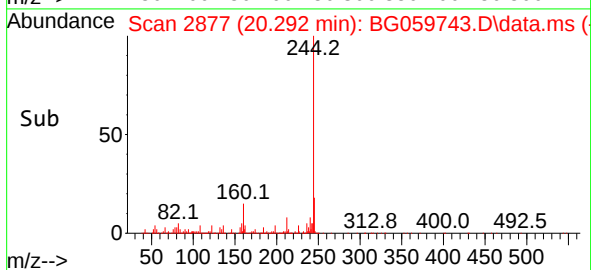
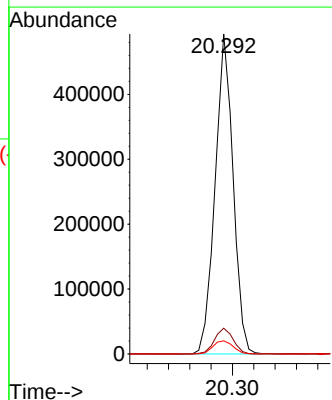
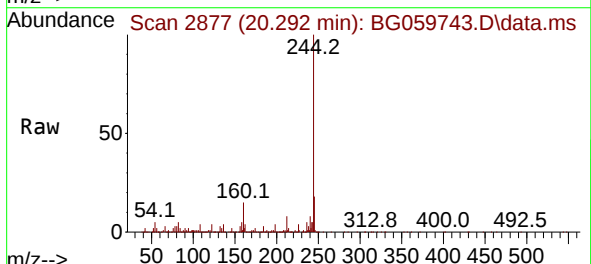
Instrument :
BNA_G
ClientSampleId :

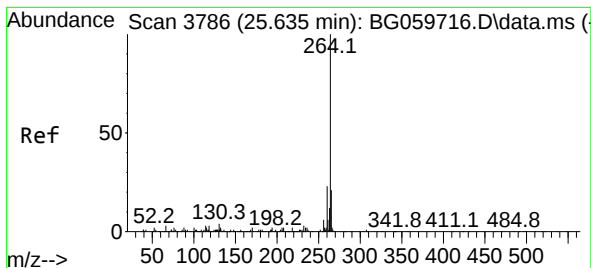
Tgt Ion:184 Resp: 17046
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.2
183 5.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 59.306 ng
RT: 20.292 min Scan# 2877
Delta R.T. -0.002 min
Lab File: BG059743.D
Acq: 17 Nov 2023 23:38

Tgt Ion:244 Resp: 575526
Ion Ratio Lower Upper
244 100
212 8.0 6.6 10.0
122 4.1 4.4 6.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.621 min Scan# 31

Delta R.T. -0.014 min

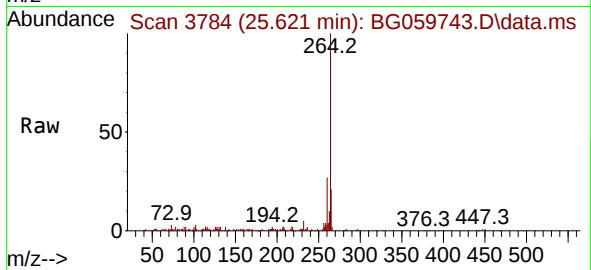
Lab File: BG059743.D

Acq: 17 Nov 2023 23:38

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:264 Resp: 173840

Ion Ratio Lower Upper

264 100

260 26.8 18.5 27.7

265 21.1 17.0 25.6

