

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059745.D
 Acq On : 18 Nov 2023 1:01
 Operator : MA/JU
 Sample : 05331-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 04:25:59 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)

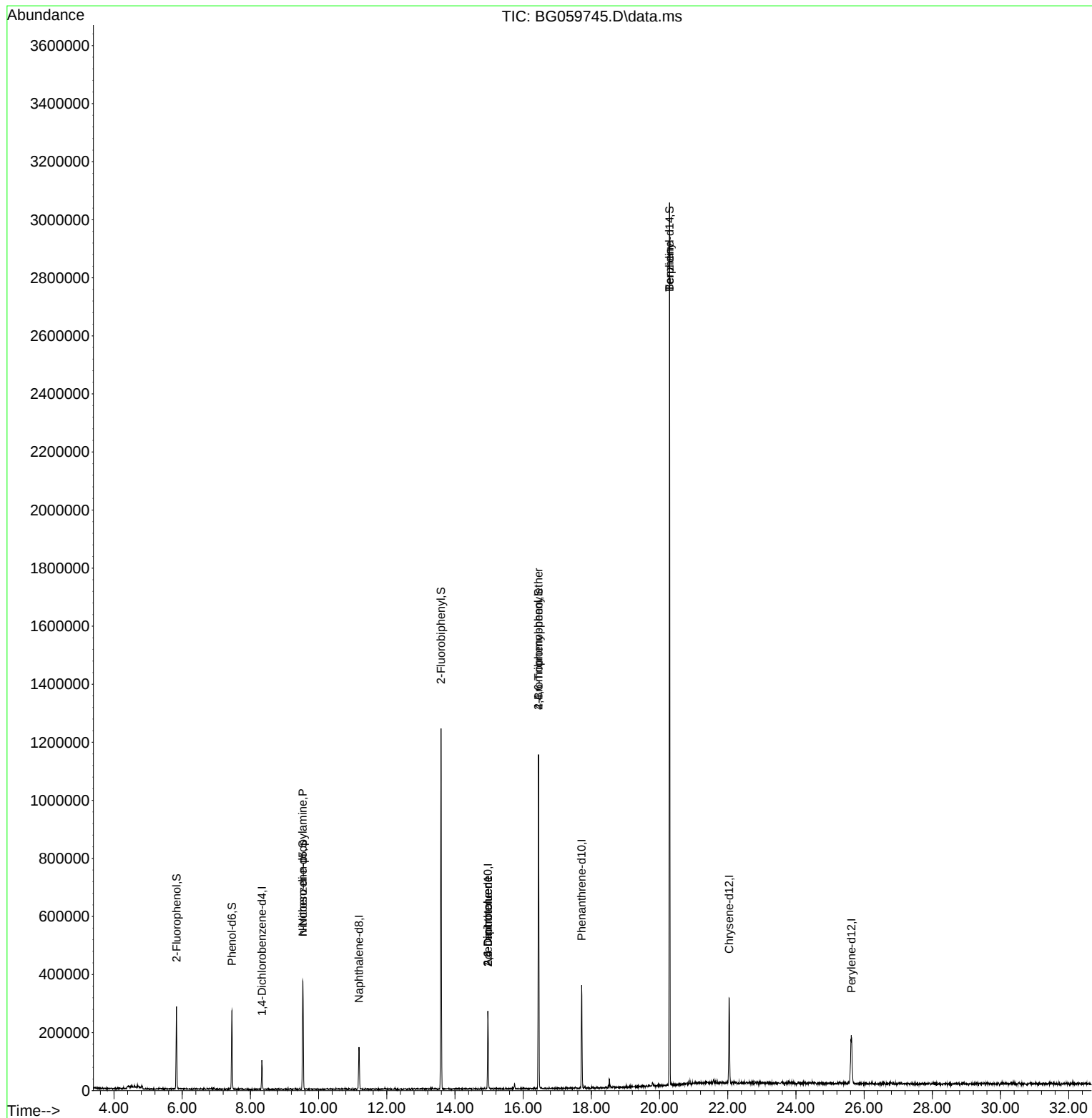
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	19553	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	97845	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	78557	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	188687	20.000	ng	# 0.00
76) Chrysene-d12	22.039	240	174070	20.000	ng	#-0.01
86) Perylene-d12	25.629	264	201407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	92136	79.311	ng	0.00
7) Phenol-d6	7.462	99	120648	70.082	ng	0.00
23) Nitrobenzene-d5	9.536	82	234371	91.482	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	149107	167.287	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	513391	87.968	ng	0.00
79) Terphenyl-d14	20.294	244	1160880	98.452	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.536	70	40297	29.725	ng	# 76
51) 2,6-Dinitrotoluene	14.965	165	10386	8.993	ng	# 6
57) 2,4-Dinitrotoluene	14.965	165	10386	5.848	ng	# 9
67) 4-Bromophenyl-phenylether	16.451	248	10532	5.196	ng	# 1
77) Benzidine	20.294	184	35582	9.015	ng	# 88

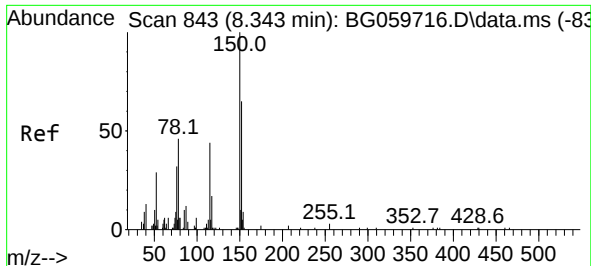
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059745.D
Acq On : 18 Nov 2023 1:01
Operator : MA/JU
Sample : 05331-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 18 04:25:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

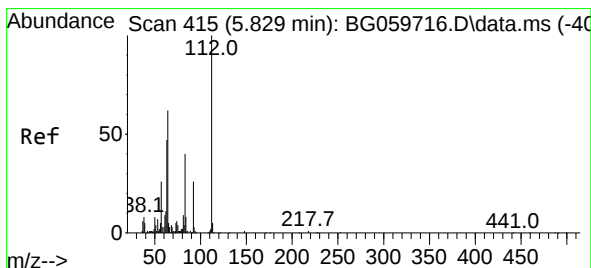
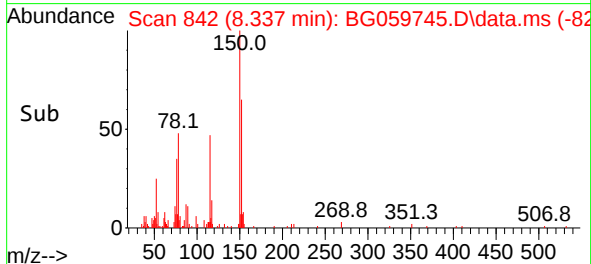
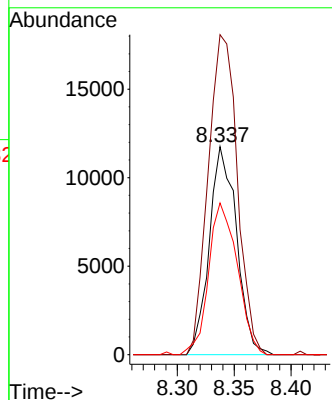
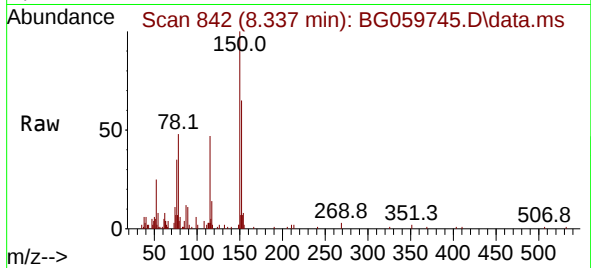




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

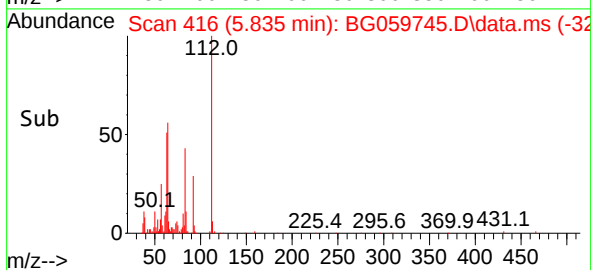
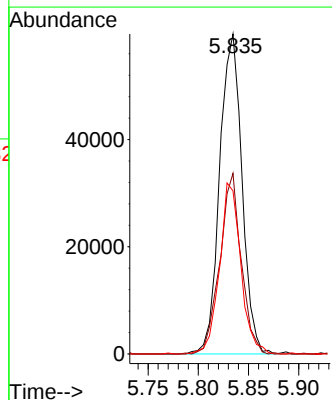
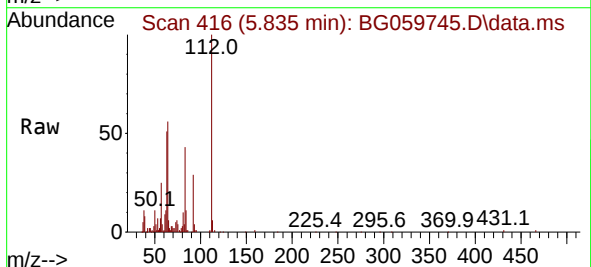
Instrument :
BNA_G
ClientSampleId :

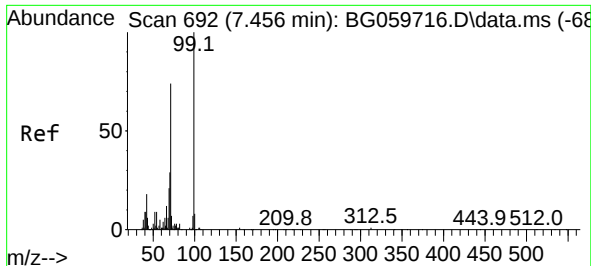
Tgt Ion:152 Resp: 19553
Ion Ratio Lower Upper
152 100
150 153.9 122.2 183.4
115 72.9 54.2 81.4



#5
2-Fluorophenol
Concen: 79.311 ng
RT: 5.835 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

Tgt Ion:112 Resp: 92136
Ion Ratio Lower Upper
112 100
64 56.5 49.5 74.3
63 50.9 37.4 56.2

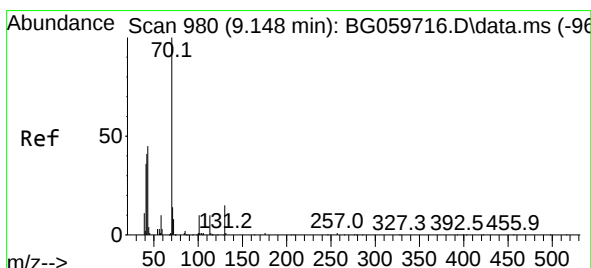
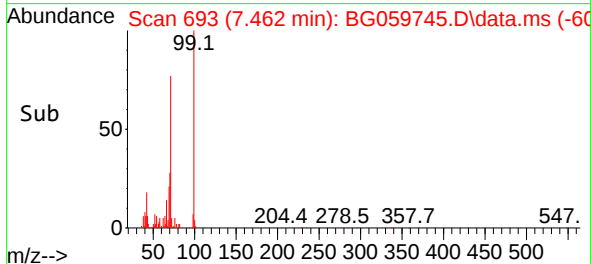
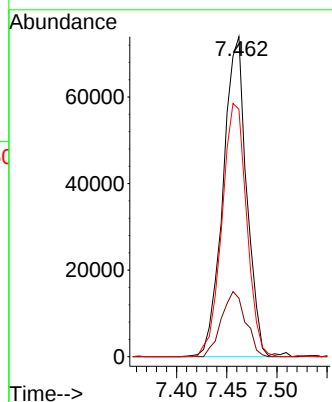
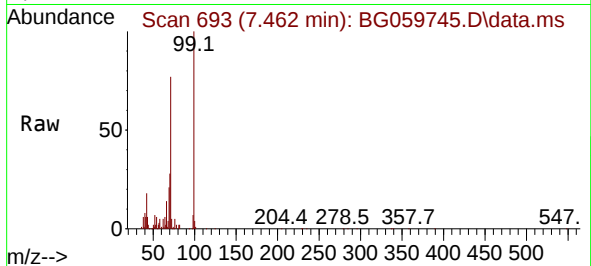




#7
Phenol-d6
Concen: 70.082 ng
RT: 7.462 min Scan# 69
Delta R.T. 0.006 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

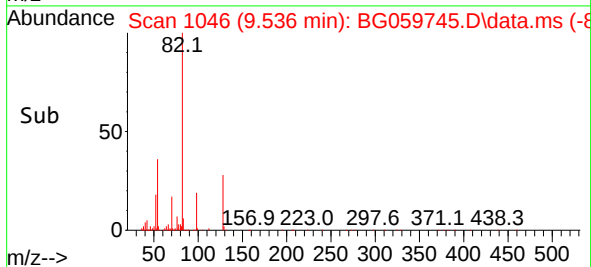
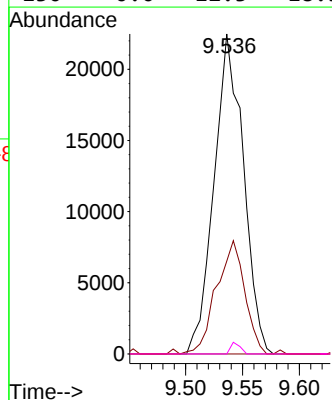
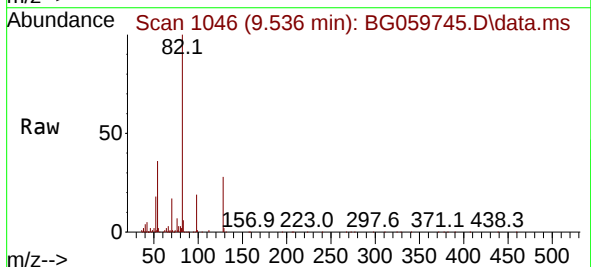
Instrument :
BNA_G
ClientSampleId :

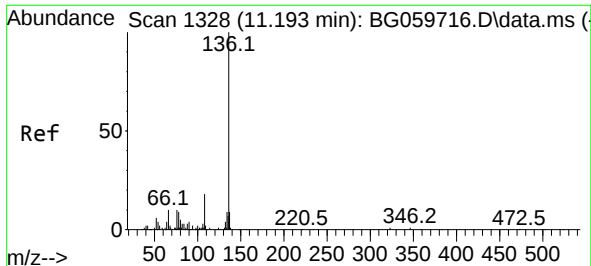
Tgt Ion: 99 Resp: 120648
Ion Ratio Lower Upper
99 100
42 18.3 14.3 21.5
71 77.3 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 29.725 ng
RT: 9.536 min Scan# 1046
Delta R.T. 0.388 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

Tgt Ion: 70 Resp: 40297
Ion Ratio Lower Upper
70 100
42 29.0 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

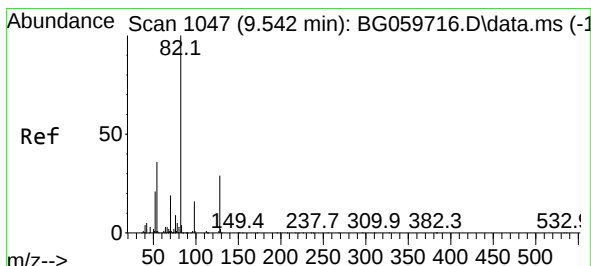
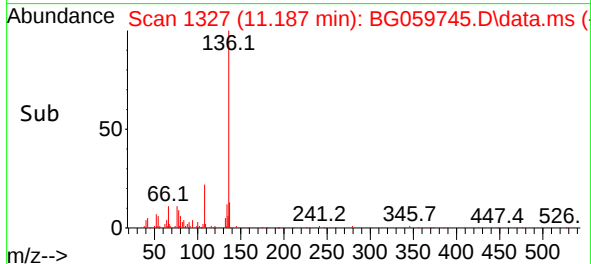
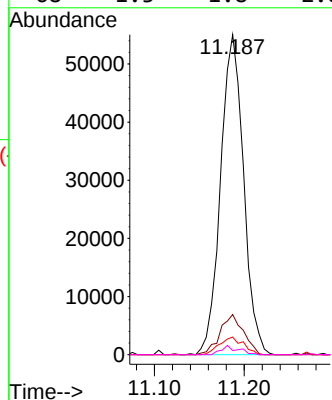
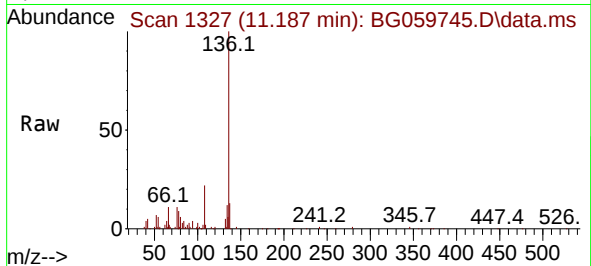




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

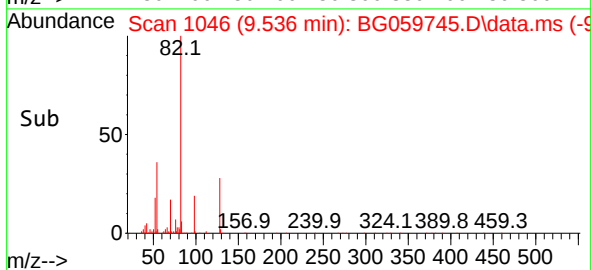
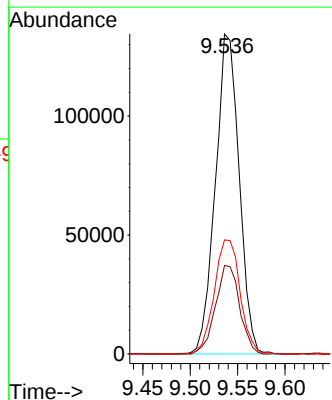
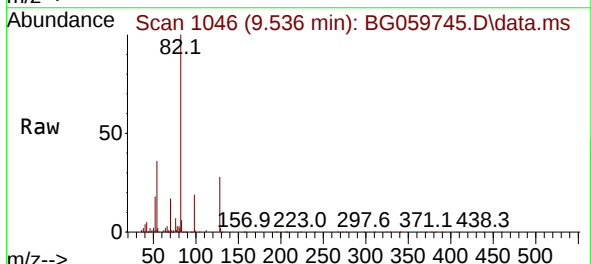
Instrument :
BNA_G
ClientSampleId :

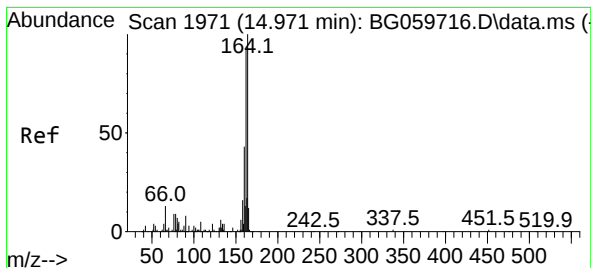
Tgt Ion:136 Resp: 97845
Ion Ratio Lower Upper
136 100
137 12.6 7.4 11.0#
54 5.5 3.1 4.7#
68 1.3 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 91.482 ng
RT: 9.536 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

Tgt Ion: 82 Resp: 234371
Ion Ratio Lower Upper
82 100
128 27.7 23.0 34.6
54 35.7 28.7 43.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.965 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BG059745.D

Acq: 18 Nov 2023 1:01

Instrument :

BNA_G

ClientSampleId :

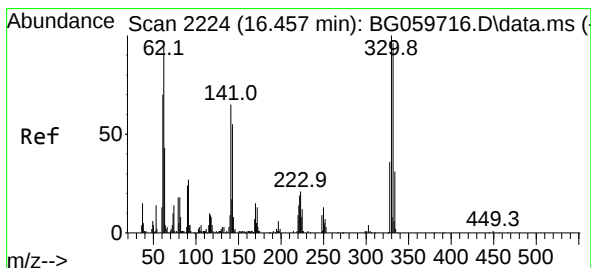
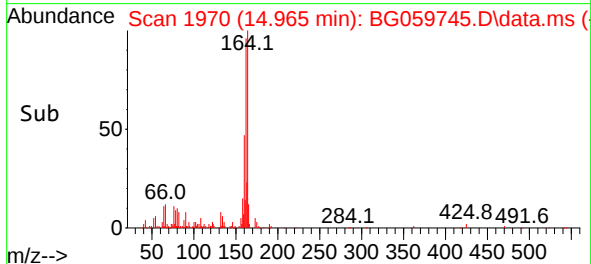
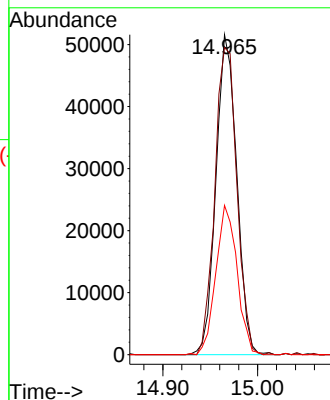
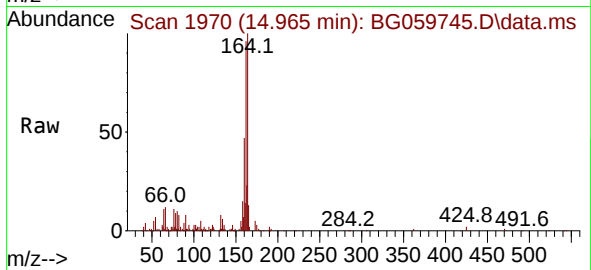
Tgt Ion:164 Resp: 78557

Ion Ratio Lower Upper

164 100

162 96.0 73.3 109.9

160 46.7 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 167.287 ng

RT: 16.451 min Scan# 2223

Delta R.T. -0.006 min

Lab File: BG059745.D

Acq: 18 Nov 2023 1:01

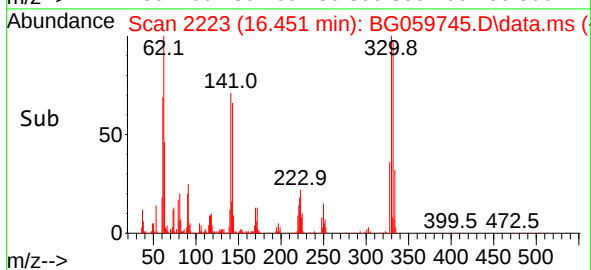
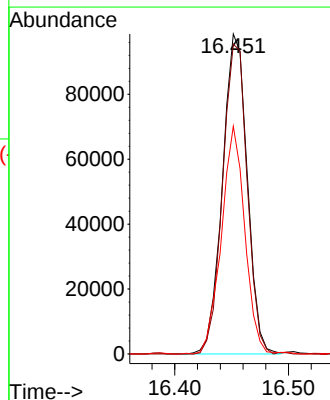
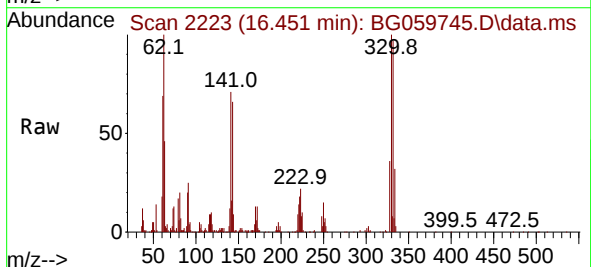
Tgt Ion:330 Resp: 149107

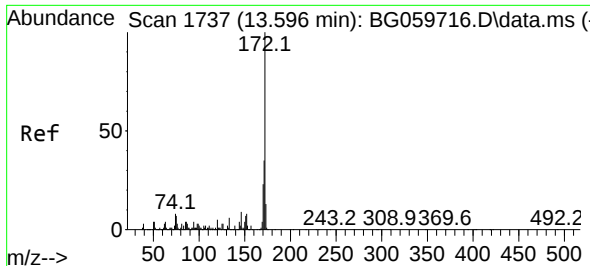
Ion Ratio Lower Upper

330 100

332 96.3 73.3 109.9

141 67.4 52.1 78.1

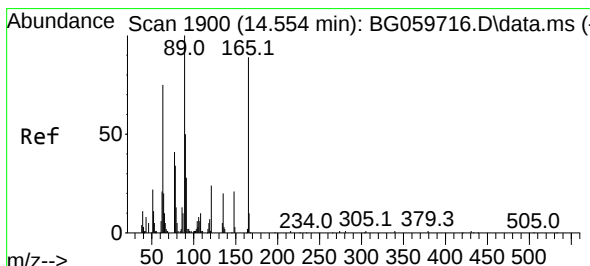
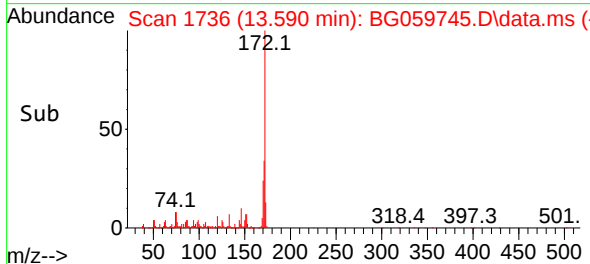
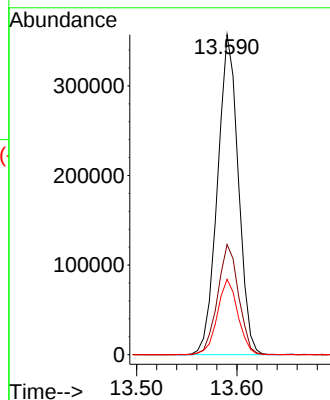
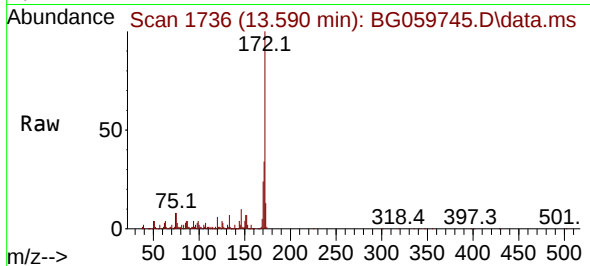




#45
2-Fluorobiphenyl
Concen: 87.968 ng
RT: 13.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

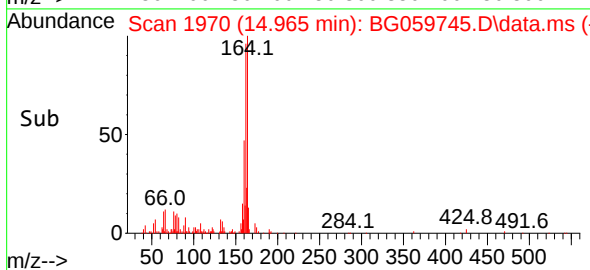
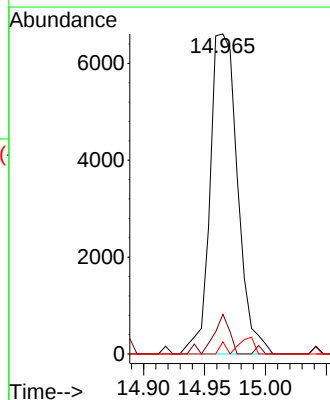
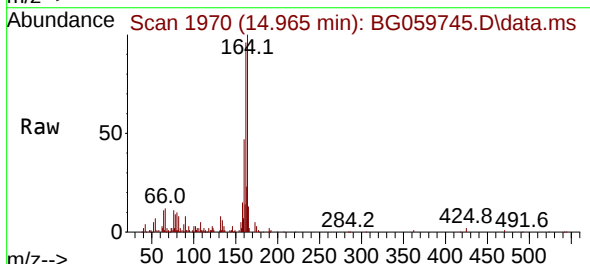
Instrument :
BNA_G
ClientSampleId :

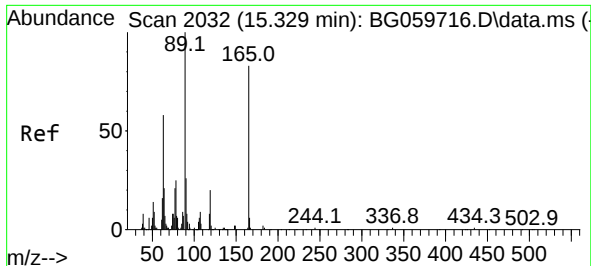
Tgt Ion:172 Resp: 513391
Ion Ratio Lower Upper
172 100
171 34.4 27.7 41.5
170 23.5 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.993 ng
RT: 14.965 min Scan# 1970
Delta R.T. 0.411 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

Tgt Ion:165 Resp: 10386
Ion Ratio Lower Upper
165 100
63 12.4 75.3 112.9#
89 3.8 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.848 ng

RT: 14.965 min Scan# 14

Delta R.T. -0.364 min

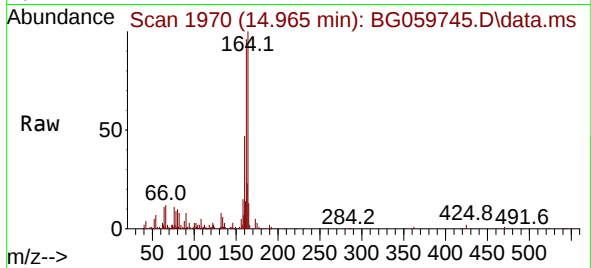
Lab File: BG059745.D

Acq: 18 Nov 2023 1:01

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 10386

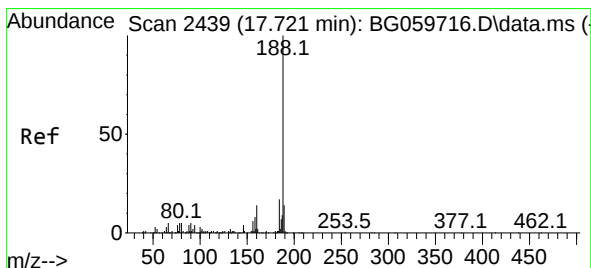
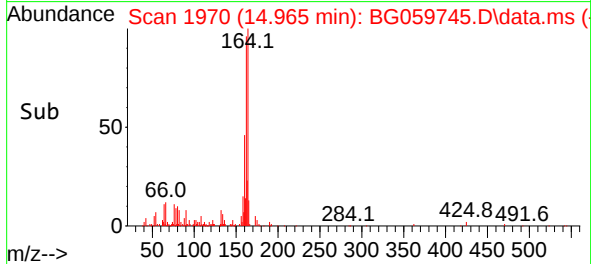
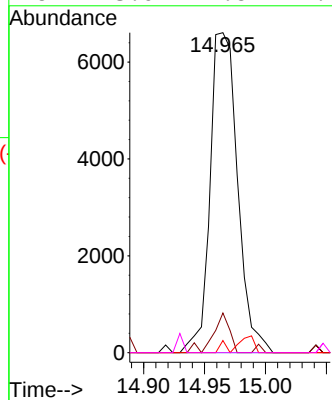
Ion Ratio Lower Upper

165 100

63 12.4 55.8 83.8#

89 3.8 96.9 145.3#

182 3.6 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.715 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG059745.D

Acq: 18 Nov 2023 1:01

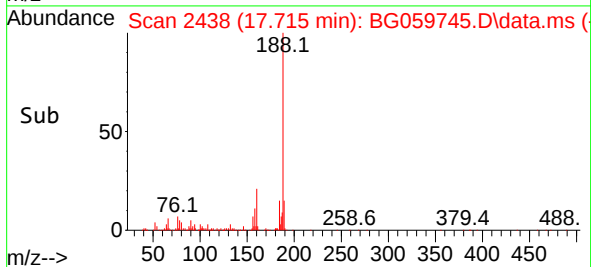
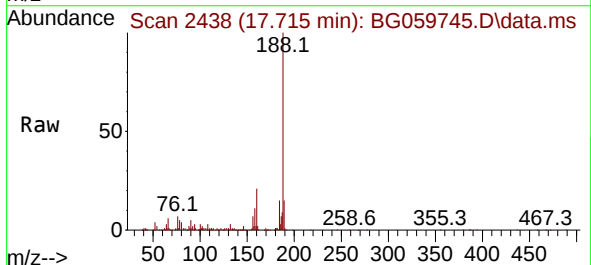
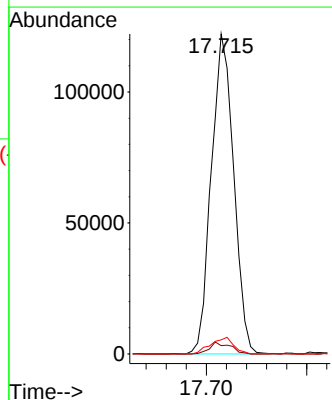
Tgt Ion:188 Resp: 188687

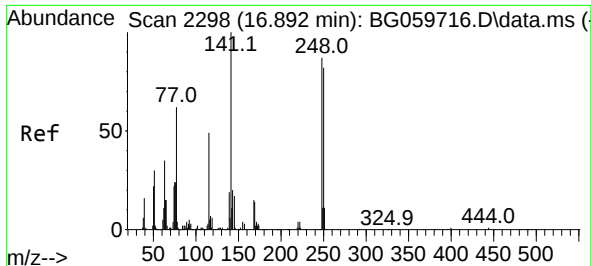
Ion Ratio Lower Upper

188 100

94 2.6 3.0 4.4#

80 4.4 4.2 6.4

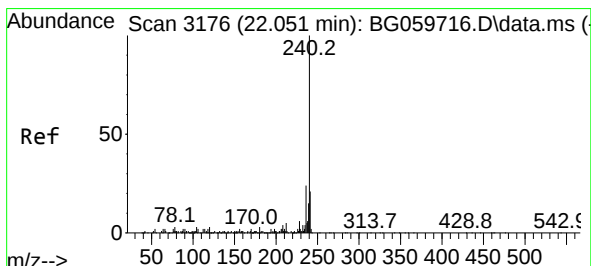
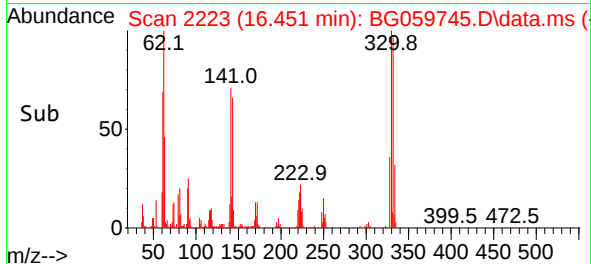
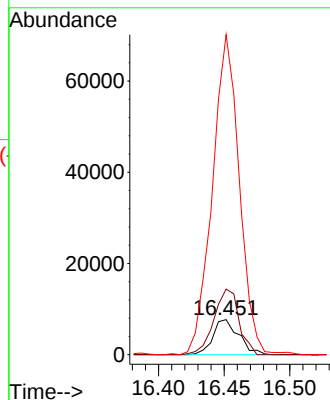
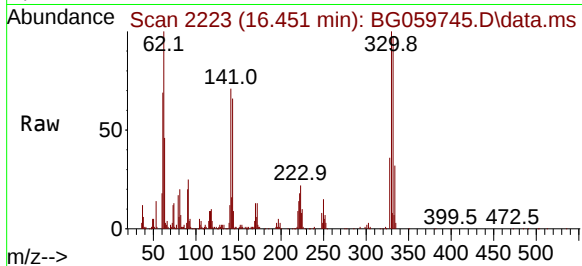




#67
4-Bromophenyl-phenylether
Concen: 5.196 ng
RT: 16.451 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

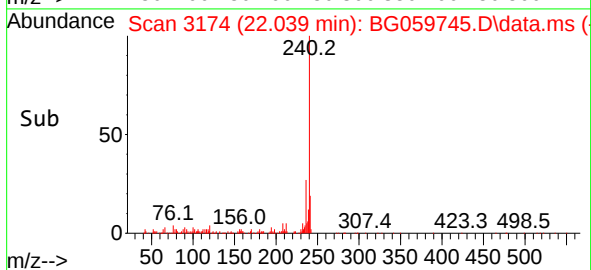
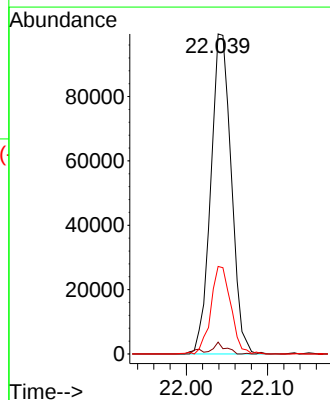
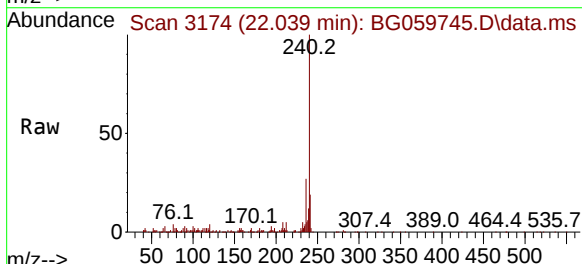
Instrument :
BNA_G
ClientSampleId :

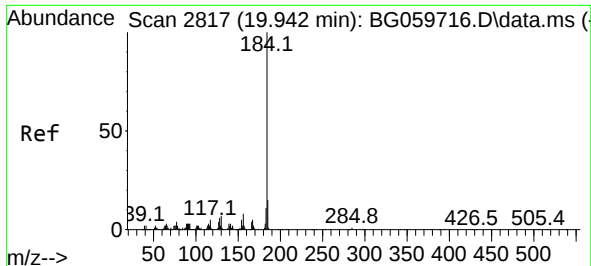
Tgt Ion:248 Resp: 10532
Ion Ratio Lower Upper
248 100
250 187.2 75.2 112.8#
141 912.8 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.039 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

Tgt Ion:240 Resp: 174070
Ion Ratio Lower Upper
240 100
120 3.7 2.2 3.2#
236 27.3 19.4 29.2

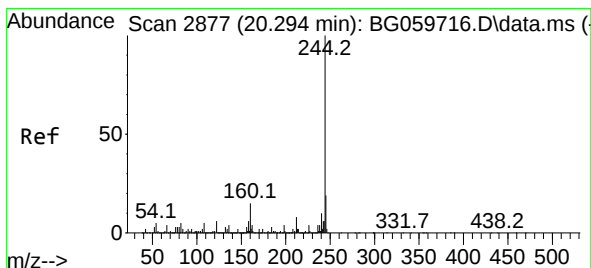
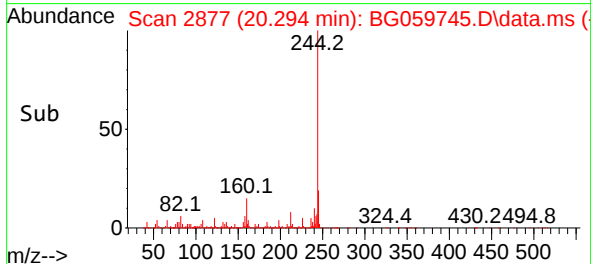
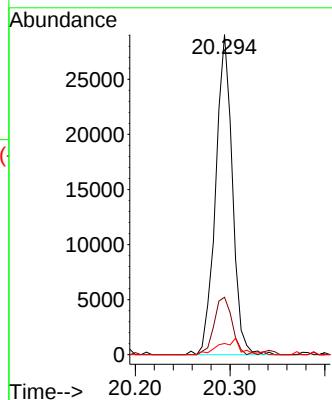
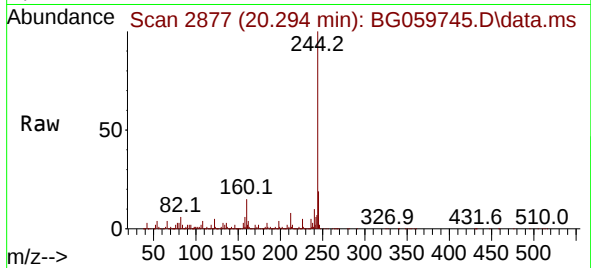




#77
Benzidine
Concen: 9.015 ng
RT: 20.294 min Scan# 2817
Delta R.T. 0.352 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

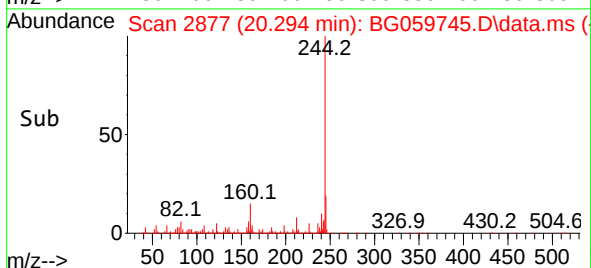
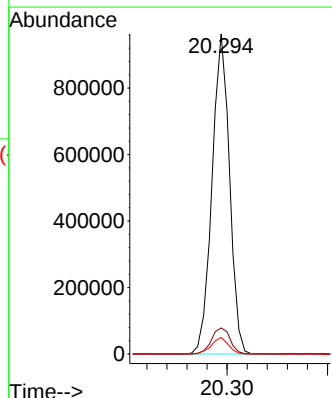
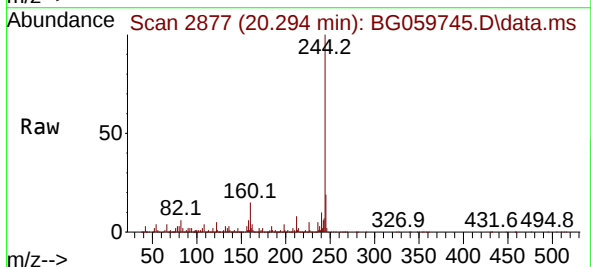
Instrument :
BNA_G
ClientSampleId :

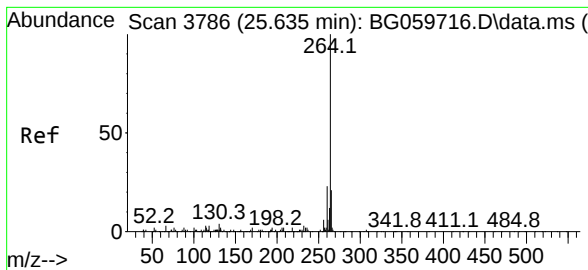
Tgt Ion:184 Resp: 35582
Ion Ratio Lower Upper
184 100
185 18.0 12.2 18.2
183 3.5 8.8 13.2#



#79
Terphenyl-d14
Concen: 98.452 ng
RT: 20.294 min Scan# 2877
Delta R.T. -0.000 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

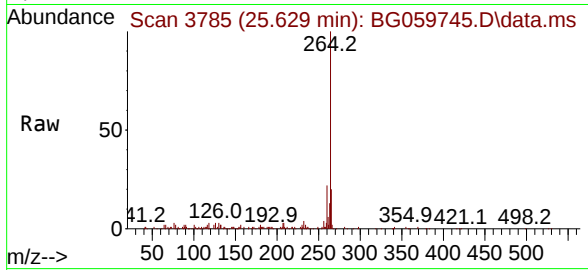
Tgt Ion:244 Resp: 1160880
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 5.1 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.629 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG059745.D
Acq: 18 Nov 2023 1:01

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 264 Resp: 201407

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	19.9	17.0	25.6

