

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059729.D
 Acq On : 17 Nov 2023 12:44
 Operator : MA/JU
 Sample : PB157207BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 17 13:20:59 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)

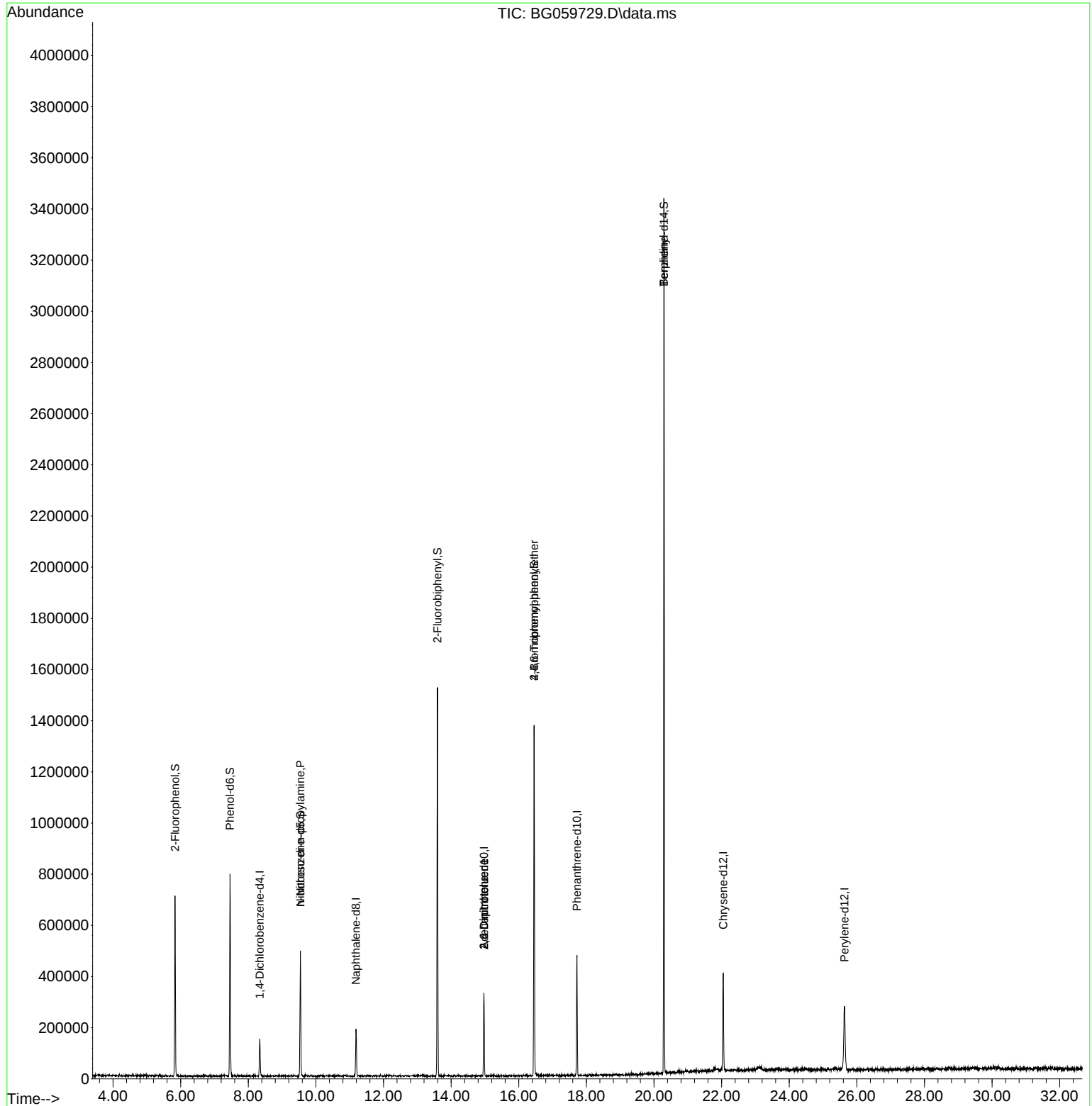
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	29713	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	129626	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	103173	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	257852	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	241117	20.000	ng	0.00
86) Perylene-d12	25.635	264	296660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	239270	135.538	ng	0.00
7) Phenol-d6	7.462	99	345098	131.916	ng	0.00
23) Nitrobenzene-d5	9.542	82	306857	90.410	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	183333	156.611	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	653318	85.235	ng	0.00
79) Terphenyl-d14	20.294	244	1430720	87.596	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.542	70	45069	21.877	ng	# 84
51) 2,6-Dinitrotoluene	14.971	165	13391	8.829	ng	# 3
57) 2,4-Dinitrotoluene	14.971	165	13391	5.741	ng	# 6
67) 4-Bromophenyl-phenylether	16.458	248	11878	4.288	ng	# 1
77) Benzidine	20.294	184	40751	7.453	ng	# 96

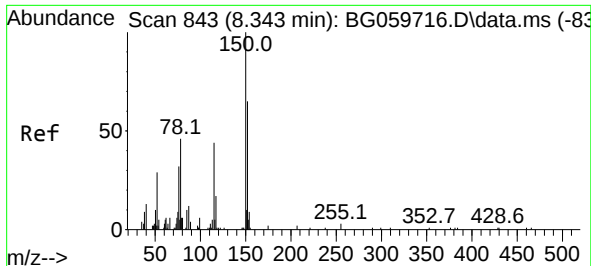
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059729.D
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Misc :
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Response via : Initial Calibration

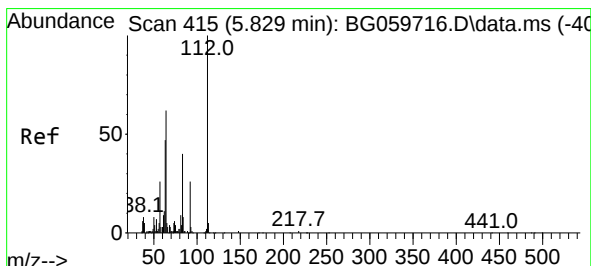
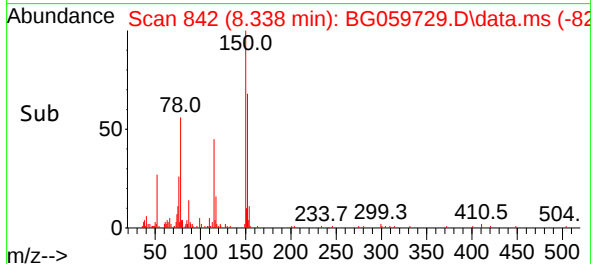
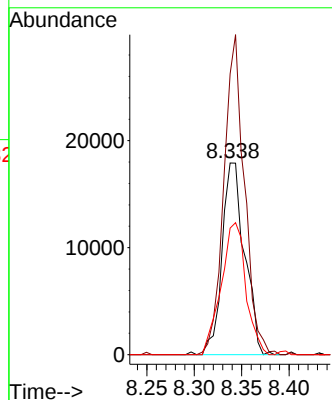
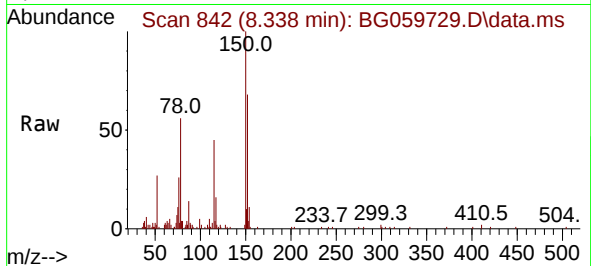




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

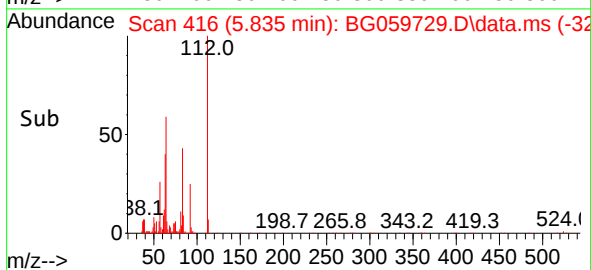
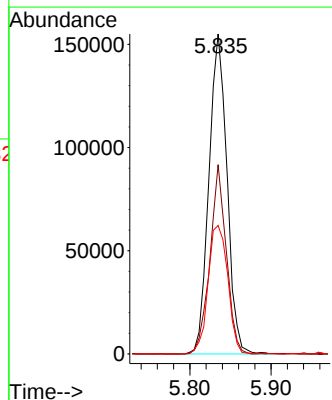
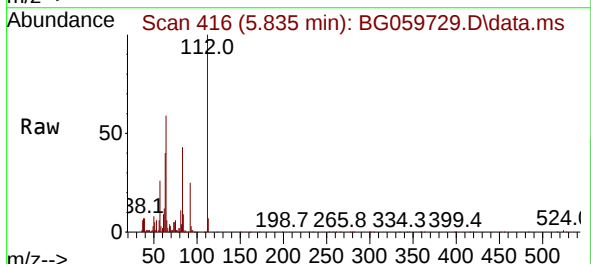
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29713
Ion Ratio Lower Upper
152 100
150 146.4 122.2 183.4
115 66.0 54.2 81.4



#5
2-Fluorophenol
Concen: 135.538 ng
RT: 5.835 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

Tgt Ion:112 Resp: 239270
Ion Ratio Lower Upper
112 100
64 59.1 49.5 74.3
63 40.2 37.4 56.2

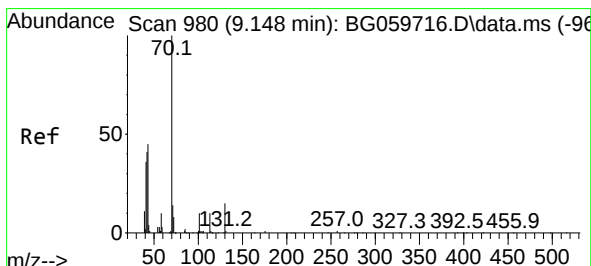
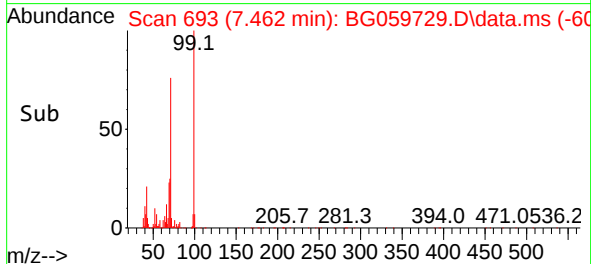
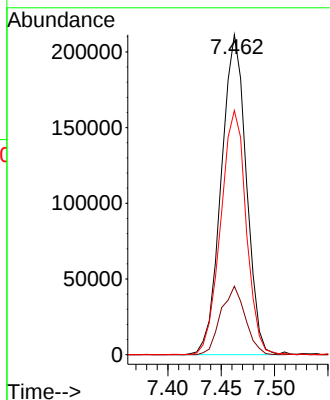
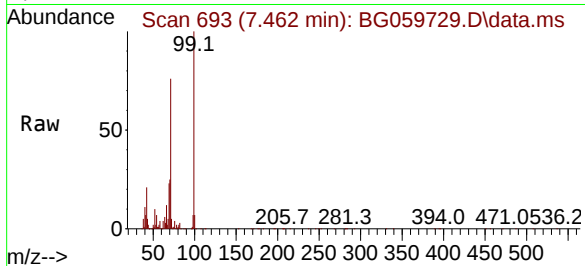




#7
Phenol-d6
Concen: 131.916 ng
RT: 7.462 min Scan# 692
Delta R.T. 0.006 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

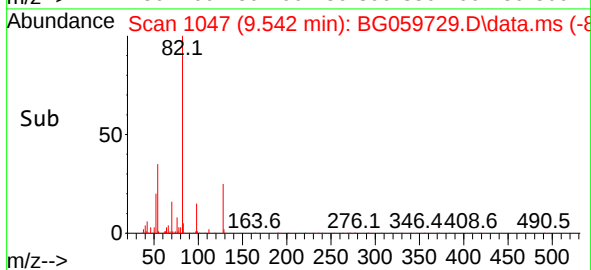
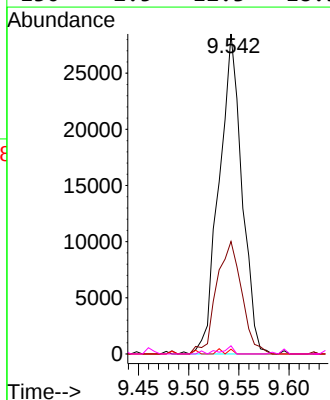
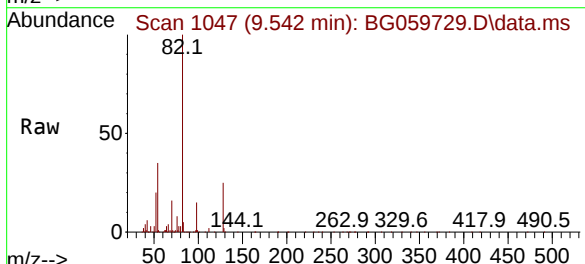
Instrument :
BNA_G
ClientSampleId :

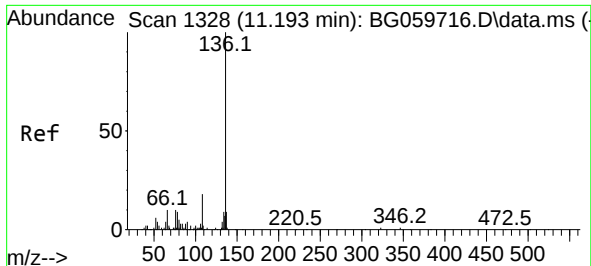
Tgt Ion: 99 Resp: 345098
Ion Ratio Lower Upper
99 100
42 21.4 14.3 21.5
71 76.3 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.877 ng
RT: 9.542 min Scan# 1047
Delta R.T. 0.394 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

Tgt Ion: 70 Resp: 45069
Ion Ratio Lower Upper
70 100
42 35.1 32.8 49.2
101 1.5 7.7 11.5#
130 2.5 12.3 18.5#

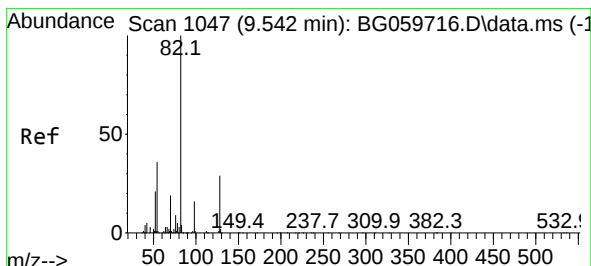
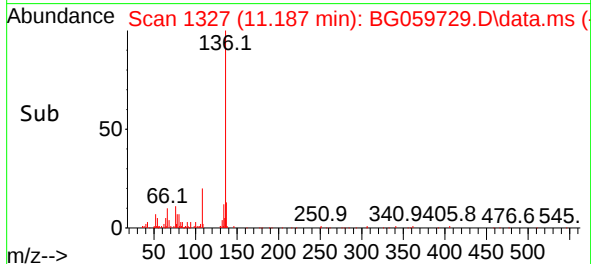
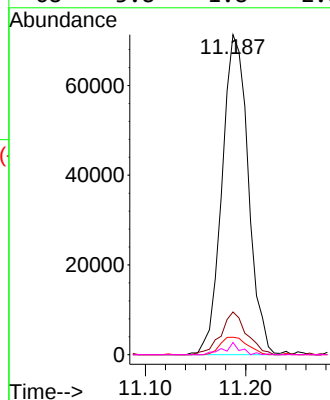
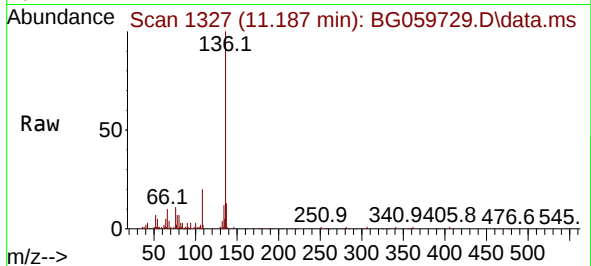




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

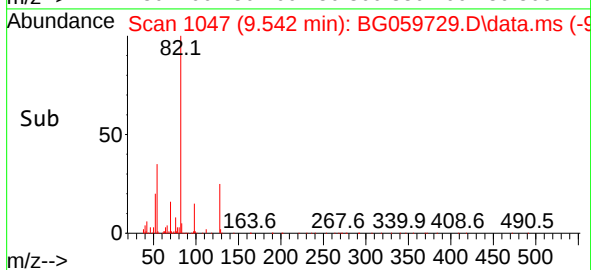
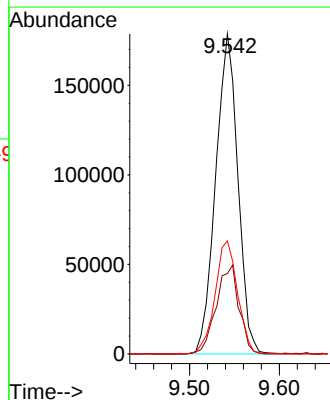
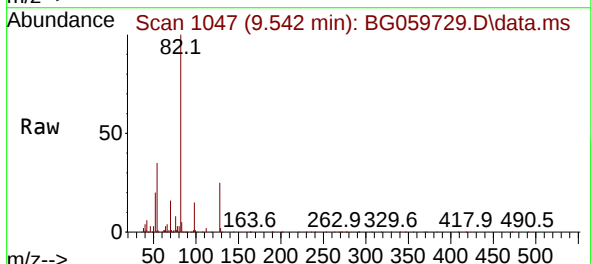
Instrument :
BNA_G
ClientSampleId :

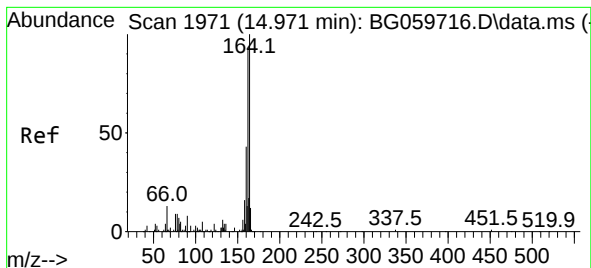
Tgt Ion:136 Resp: 129626
Ion Ratio Lower Upper
136 100
137 13.4 7.4 11.0#
54 5.5 3.1 4.7#
68 3.8 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 90.410 ng
RT: 9.542 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

Tgt Ion: 82 Resp: 306857
Ion Ratio Lower Upper
82 100
128 25.2 23.0 34.6
54 35.3 28.7 43.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.971 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

Instrument :

BNA_G

ClientSampleId :

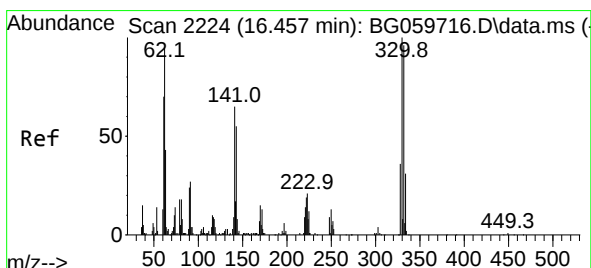
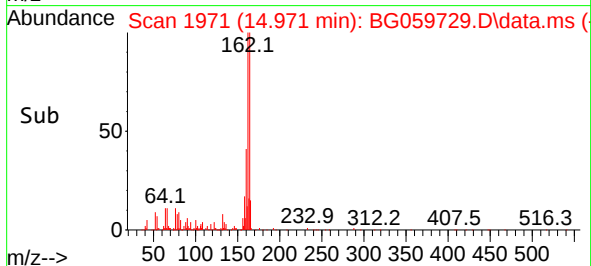
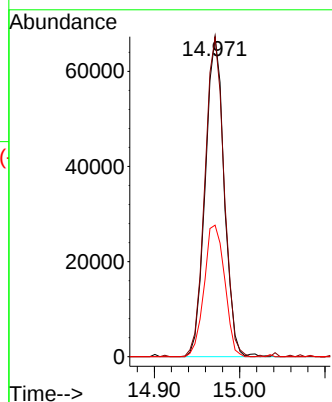
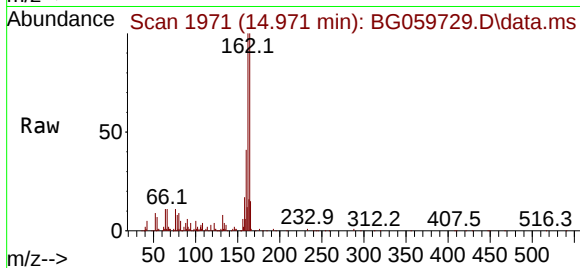
Tgt Ion:164 Resp: 103173

Ion Ratio Lower Upper

164 100

162 99.8 73.3 109.9

160 41.1 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 156.611 ng

RT: 16.458 min Scan# 2224

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

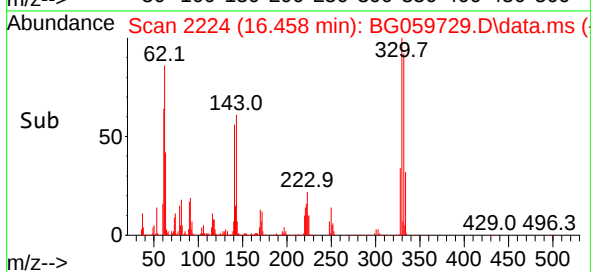
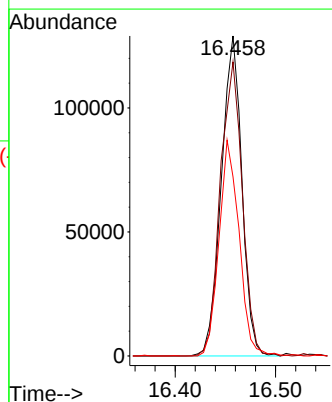
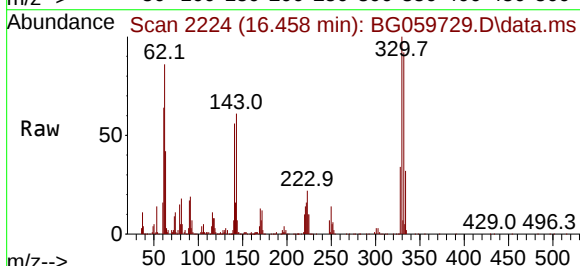
Tgt Ion:330 Resp: 183333

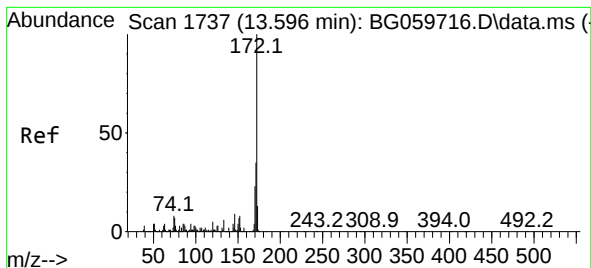
Ion Ratio Lower Upper

330 100

332 97.9 73.3 109.9

141 66.1 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 85.235 ng

RT: 13.596 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

Instrument :

BNA_G

ClientSampleId :

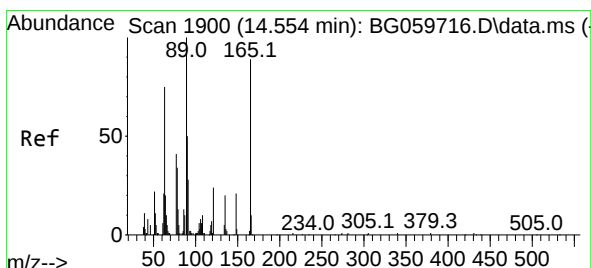
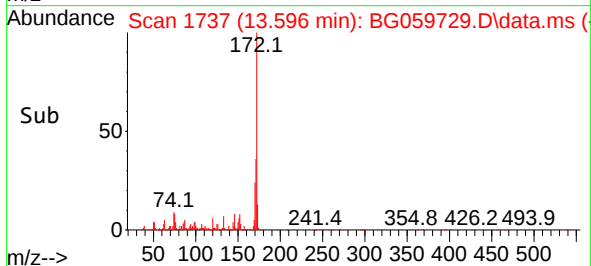
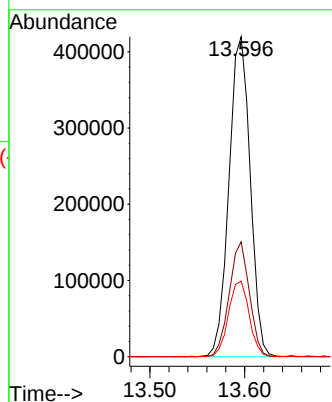
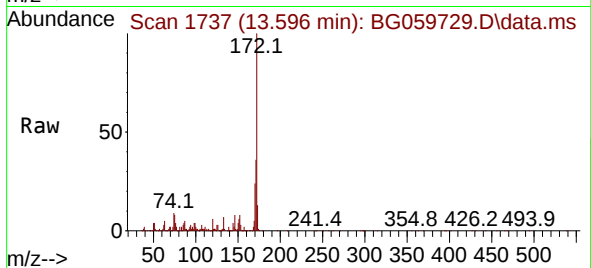
Tgt Ion:172 Resp: 653318

Ion Ratio Lower Upper

172 100

171 35.9 27.7 41.5

170 23.6 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 8.829 ng

RT: 14.971 min Scan# 1971

Delta R.T. 0.417 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

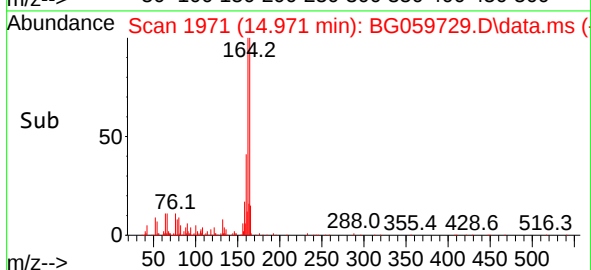
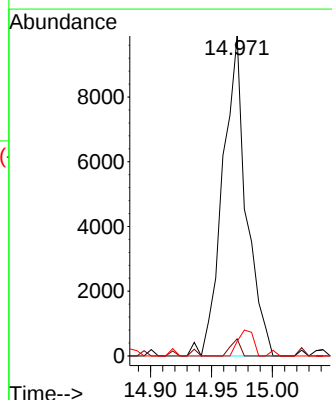
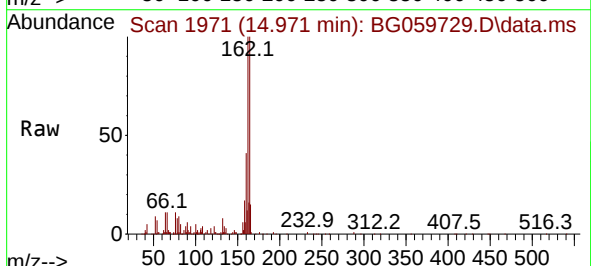
Tgt Ion:165 Resp: 13391

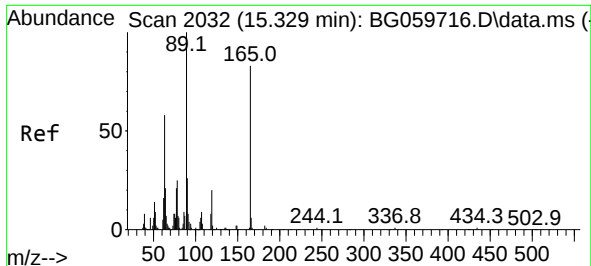
Ion Ratio Lower Upper

165 100

63 5.4 75.3 112.9#

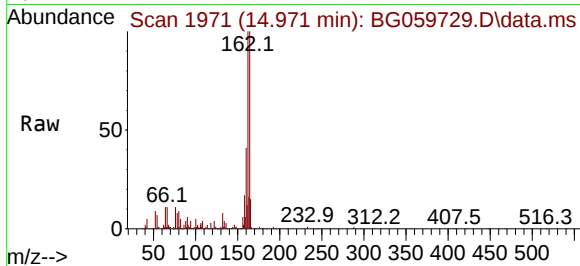
89 4.5 90.9 136.3#



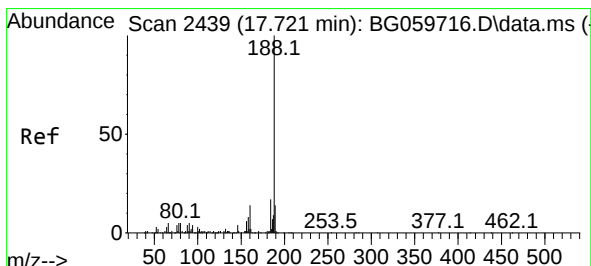
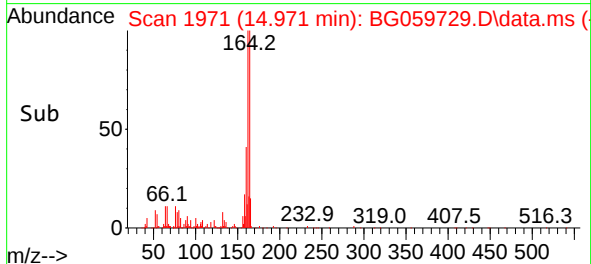
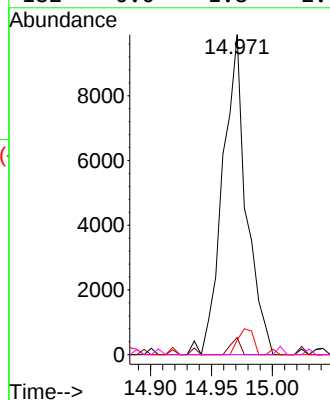


#57
2,4-Dinitrotoluene
Concen: 5.741 ng
RT: 14.971 min Scan# 1971
Delta R.T. -0.358 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

Instrument :
BNA_G
ClientSampleId :

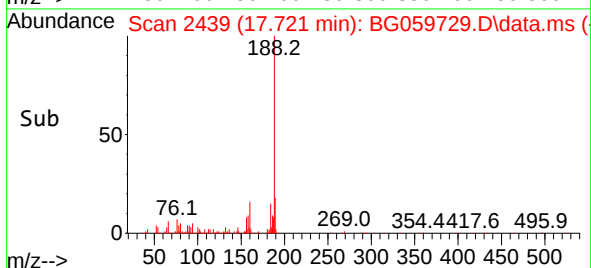
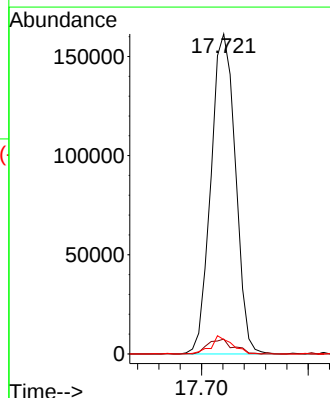
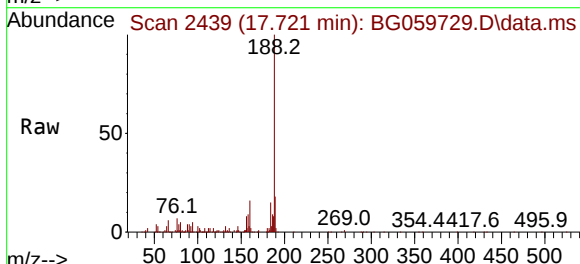


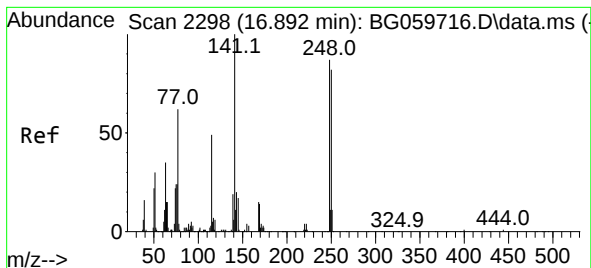
Tgt Ion:165 Resp: 13391
Ion Ratio Lower Upper
165 100
63 5.4 55.8 83.8#
89 4.5 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG059729.D
Acq: 17 Nov 2023 12:44

Tgt Ion:188 Resp: 257852
Ion Ratio Lower Upper
188 100
94 4.7 3.0 4.4#
80 4.5 4.2 6.4

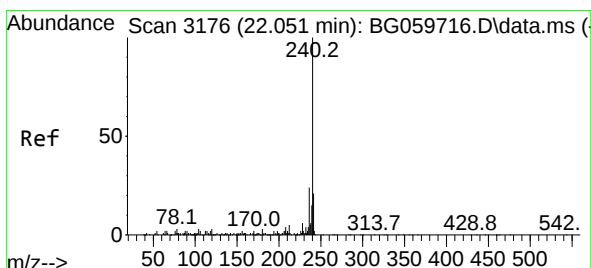
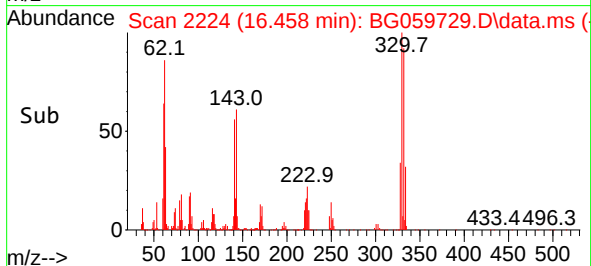
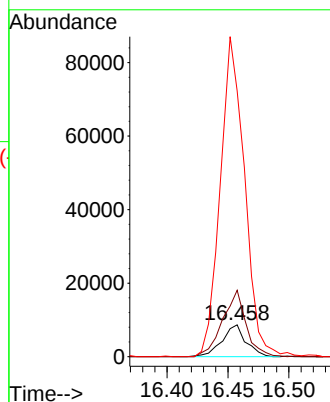
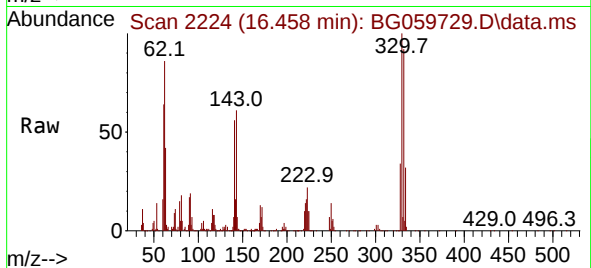




#67
 4-Bromophenyl-phenylether
 Concen: 4.288 ng
 RT: 16.458 min Scan# 211
 Delta R.T. -0.435 min
 Lab File: BG059729.D
 Acq: 17 Nov 2023 12:44

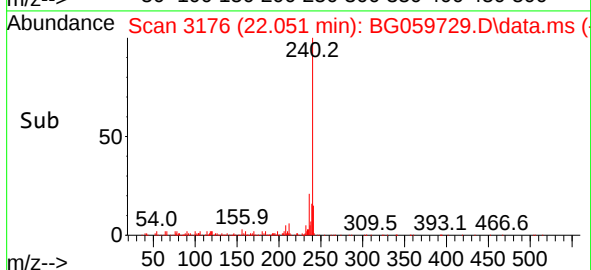
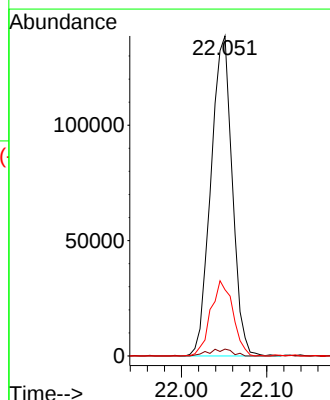
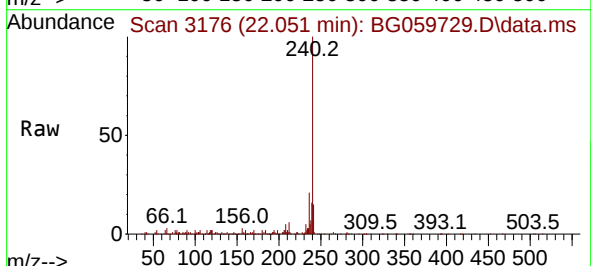
Instrument :
 BNA_G
 ClientSampleId :

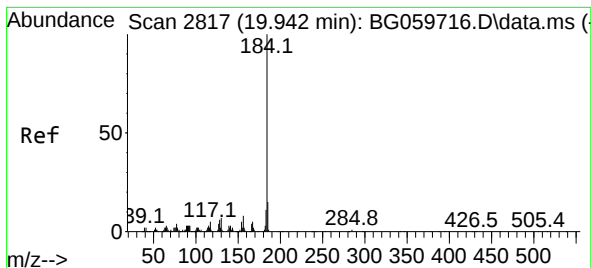
Tgt Ion:248 Resp: 11878
 Ion Ratio Lower Upper
 248 100
 250 208.3 75.2 112.8#
 141 832.9 91.5 137.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.051 min Scan# 3176
 Delta R.T. 0.000 min
 Lab File: BG059729.D
 Acq: 17 Nov 2023 12:44

Tgt Ion:240 Resp: 241117
 Ion Ratio Lower Upper
 240 100
 120 2.2 2.2 3.2
 236 20.7 19.4 29.2





#77

Benzidine

Concen: 7.453 ng

RT: 20.294 min Scan# 2877

Delta R.T. 0.353 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

Instrument :

BNA_G

ClientSampleId :

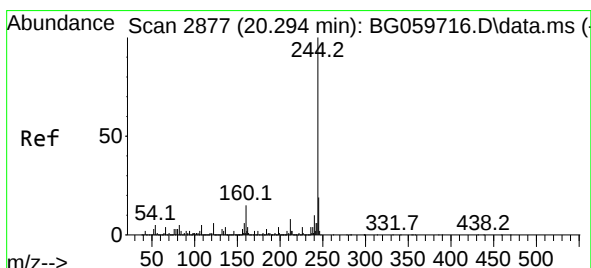
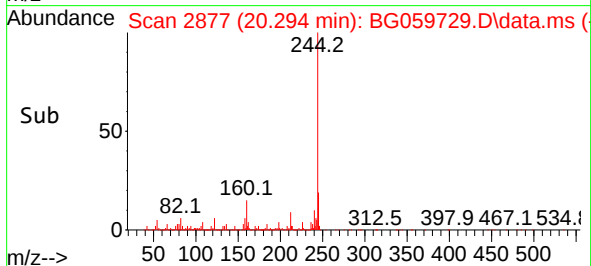
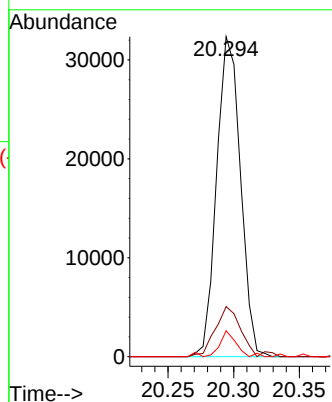
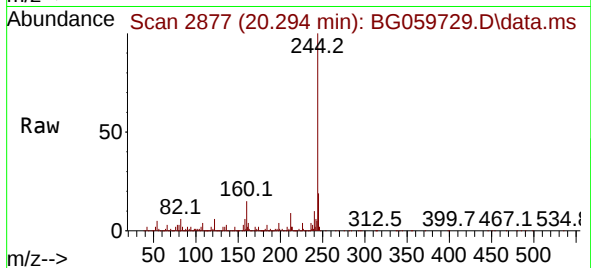
Tgt Ion:184 Resp: 40751

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

183 8.1 8.8 13.2#



#79

Terphenyl-d14

Concen: 87.596 ng

RT: 20.294 min Scan# 2877

Delta R.T. 0.000 min

Lab File: BG059729.D

Acq: 17 Nov 2023 12:44

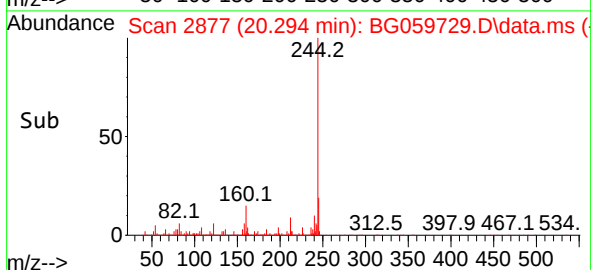
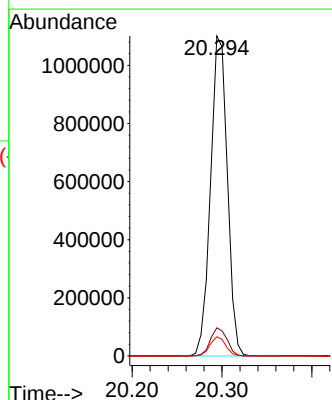
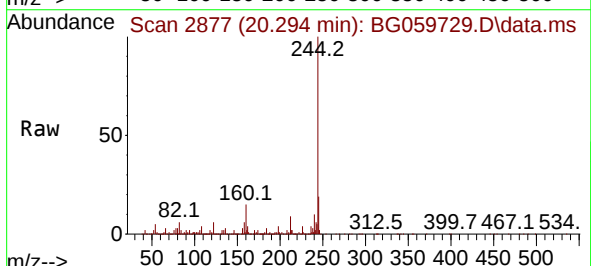
Tgt Ion:244 Resp: 1430720

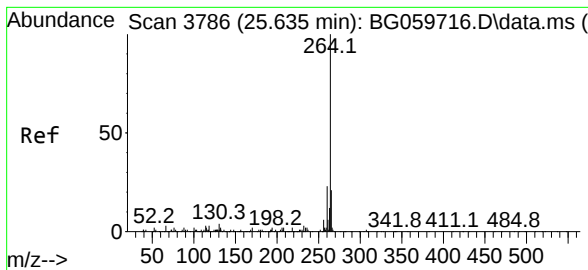
Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

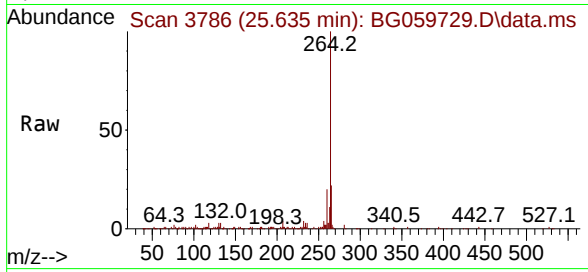
122 6.0 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.635 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BG059729.D
 Acq: 17 Nov 2023 12:44

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 296660

Ion	Ratio	Lower	Upper
264	100		
260	20.2	18.5	27.7
265	22.2	17.0	25.6

