

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059697.D
 Acq On : 15 Nov 2023 13:04
 Operator : MA/JU
 Sample : 05311-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Nov 15 13:36:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

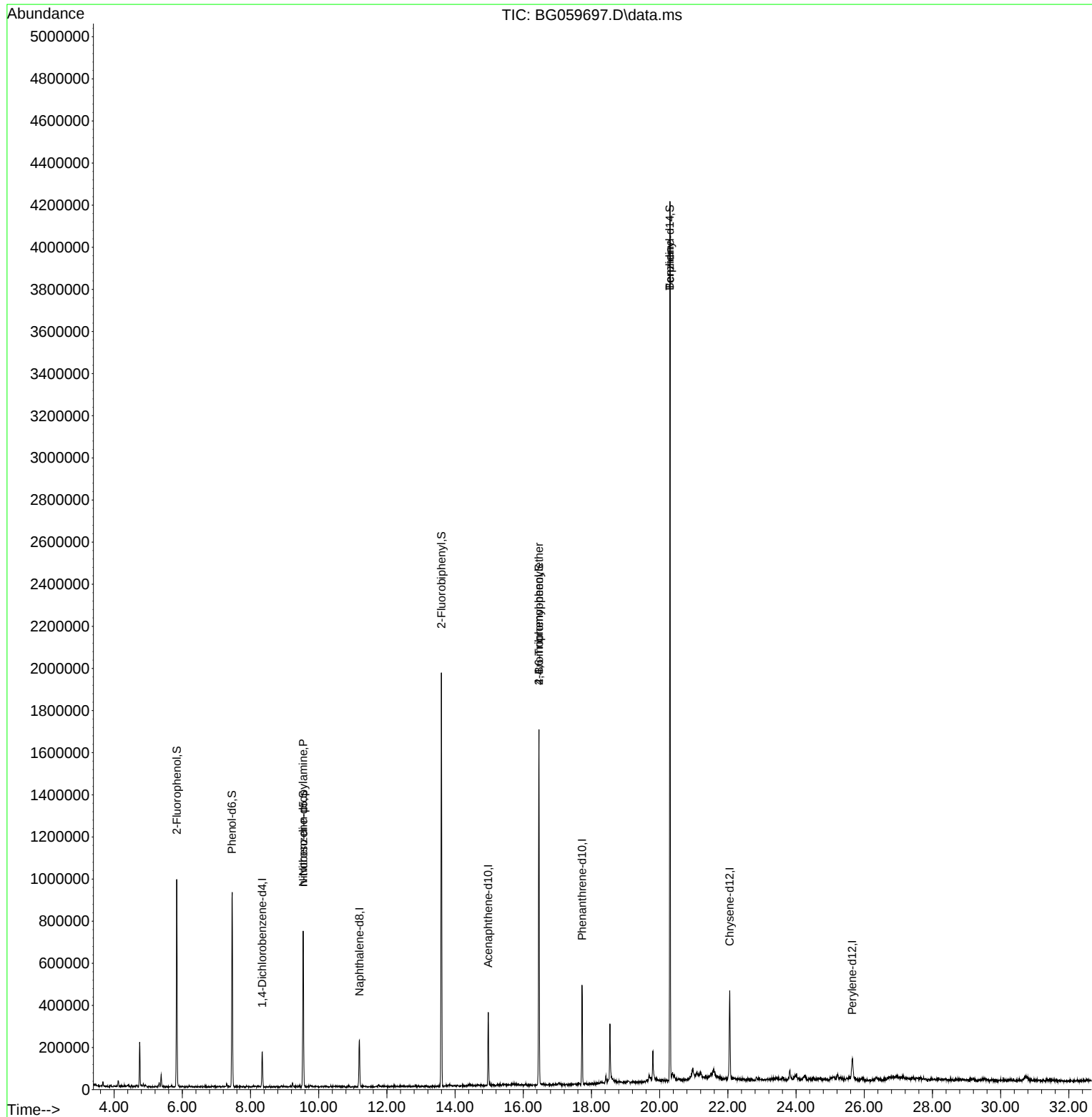
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	43520	20.000	ng	# 0.00
21) Naphthalene-d8	11.196	136	163924	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	110142	20.000	ng	# 0.00
64) Phenanthrene-d10	17.723	188	255868	20.000	ng	# 0.00
76) Chrysene-d12	22.053	240	240788	20.000	ng	# 0.00
86) Perylene-d12	25.643	264	100444	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	361366	143.352	ng	0.00
7) Phenol-d6	7.459	99	456307	119.780	ng	0.00
23) Nitrobenzene-d5	9.545	82	449017	117.756	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	209758	168.749	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	867518	106.190	ng	0.00
79) Terphenyl-d14	20.303	244	1642823	140.766	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.675	88	102	Below Cal	#	1
3) Pyridine	4.086	79	139	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.545	70	76764	26.158	ng	# 72
67) 4-Bromophenyl-phenylether	16.460	248	16357	6.077	ng	# 1
77) Benzidine	20.303	184	47910	11.776	ng	# 86
78) Pyrene	20.120	202	345	Below Cal	#	58

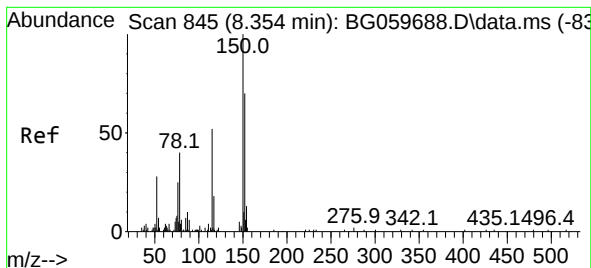
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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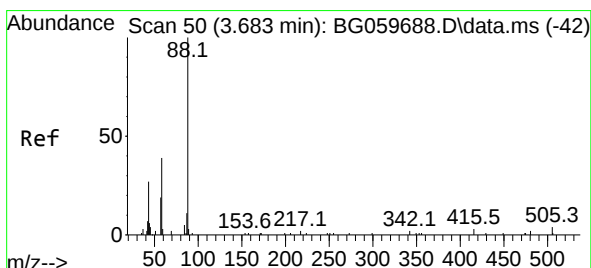
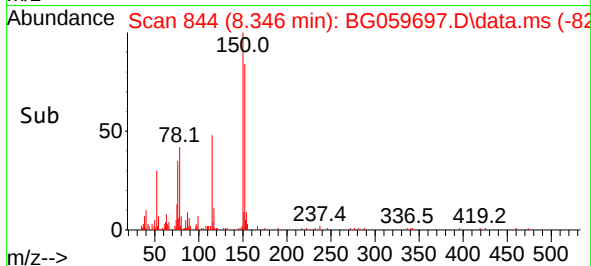
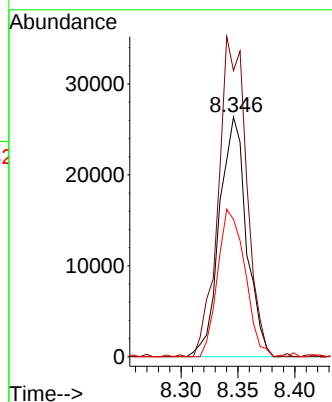
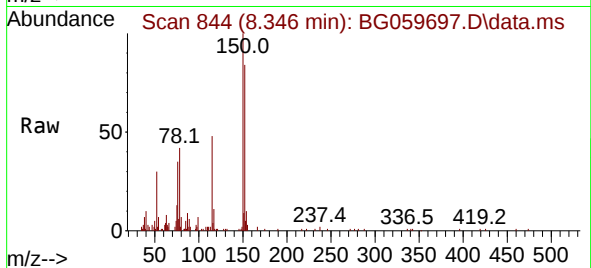




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.346 min Scan# 84
 Delta R.T. -0.008 min
 Lab File: BG059697.D
 Acq: 15 Nov 2023 13:04

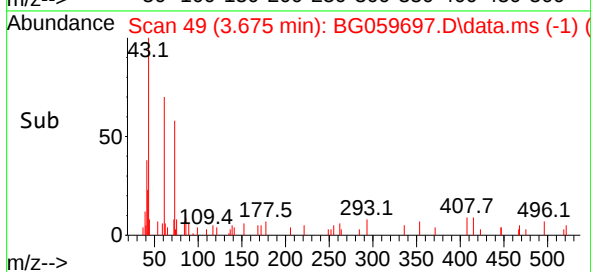
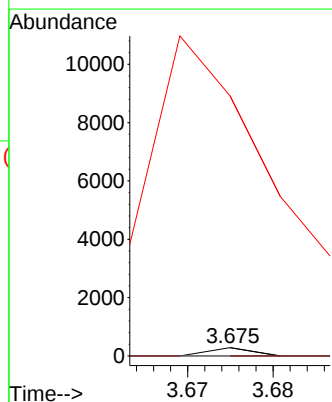
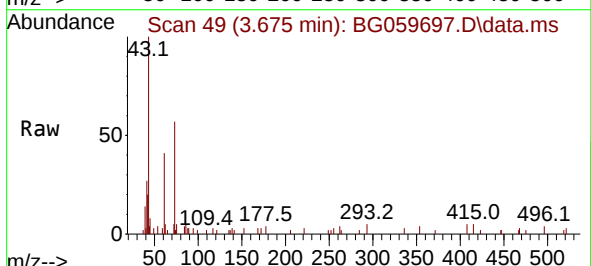
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

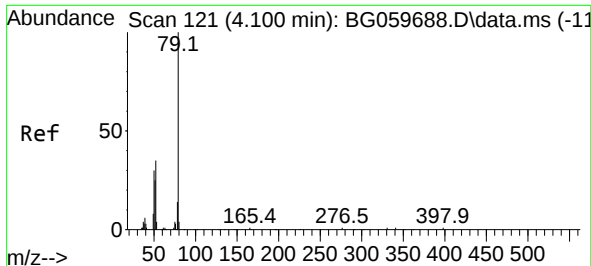
Tgt Ion:152 Resp: 43520
 Ion Ratio Lower Upper
 152 100
 150 119.3 113.9 170.9
 115 57.3 59.4 89.2#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.675 min Scan# 49
 Delta R.T. -0.008 min
 Lab File: BG059697.D
 Acq: 15 Nov 2023 13:04

Tgt Ion: 88 Resp: 102
 Ion Ratio Lower Upper
 88 100
 58 78.4 30.5 45.7#
 43 13388.2 17.7 26.5#





#3

Pyridine

Concen: Below Cal

RT: 4.086 min Scan# 11

Delta R.T. -0.014 min

Lab File: BG059697.D

Acq: 15 Nov 2023 13:04

Instrument :

BNA_G

ClientSampleId :

TP-2

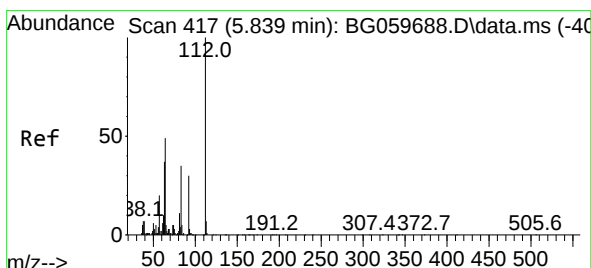
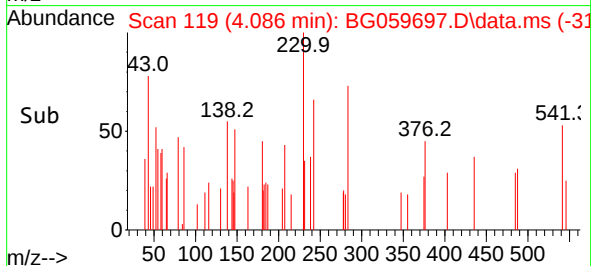
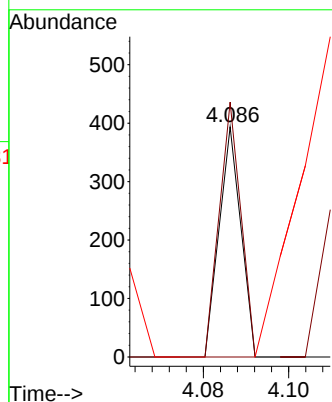
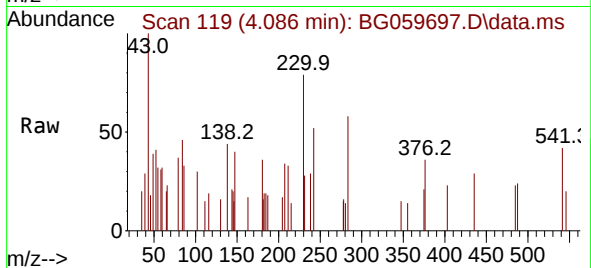
Tgt Ion: 79 Resp: 139

Ion Ratio Lower Upper

79 100

52 110.7 27.8 41.8#

51 0.0 20.2 30.2#



#5

2-Fluorophenol

Concen: 143.352 ng

RT: 5.837 min Scan# 417

Delta R.T. -0.002 min

Lab File: BG059697.D

Acq: 15 Nov 2023 13:04

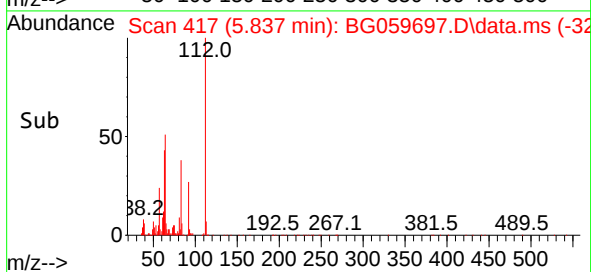
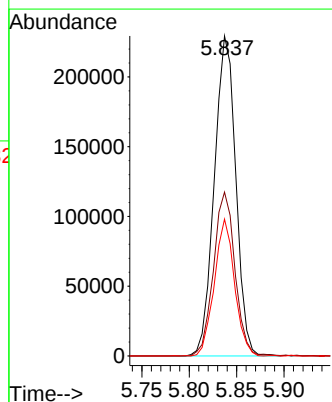
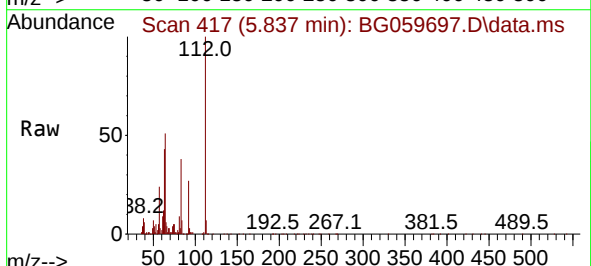
Tgt Ion: 112 Resp: 361366

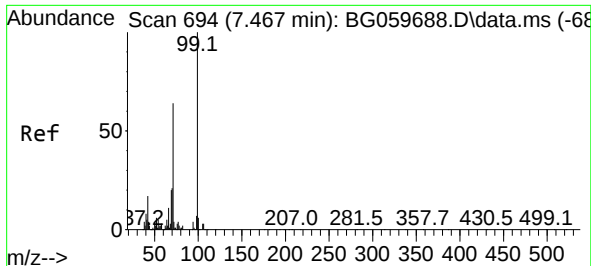
Ion Ratio Lower Upper

112 100

64 51.2 39.0 58.6

63 42.8 29.8 44.6

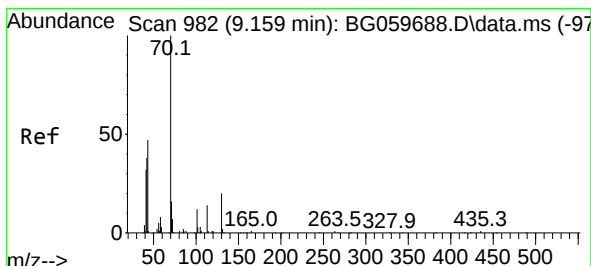
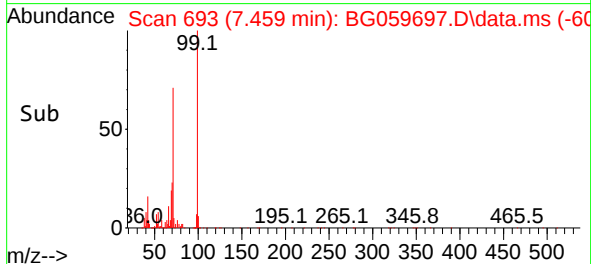
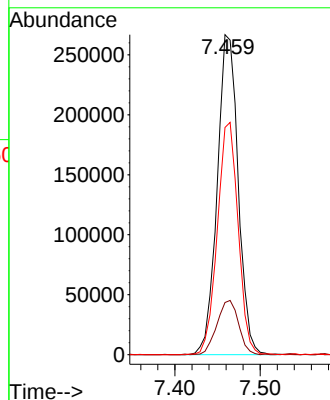
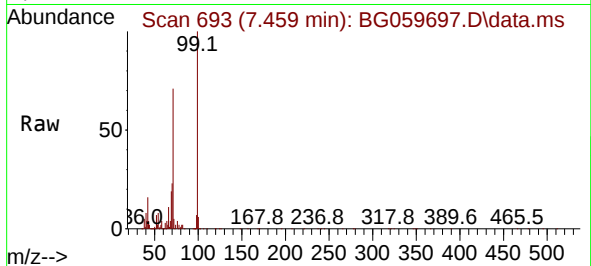




#7
Phenol-d6
Concen: 119.780 ng
RT: 7.459 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

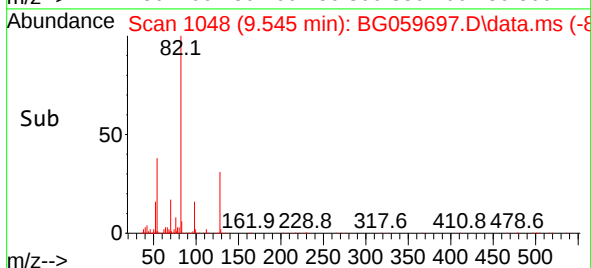
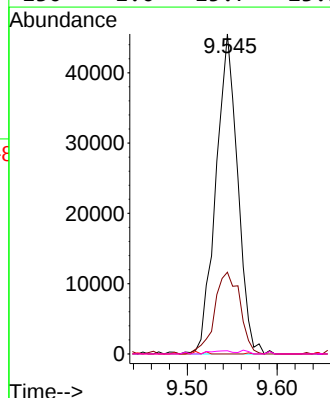
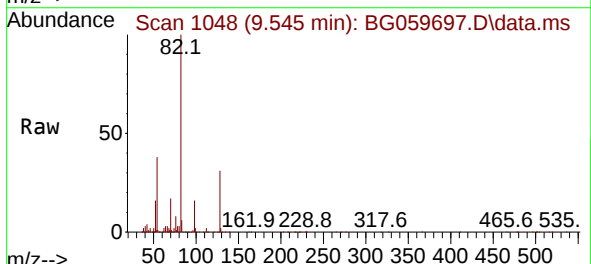
Instrument :
BNA_G
ClientSampleId :
TP-2

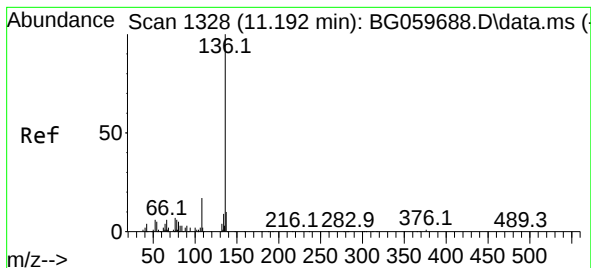
Tgt Ion: 99 Resp: 456307
Ion Ratio Lower Upper
99 100
42 16.3 13.2 19.8
71 71.0 51.3 76.9



#19
n-Nitroso-di-n-propylamine
Concen: 26.158 ng
RT: 9.545 min Scan# 1048
Delta R.T. 0.386 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

Tgt Ion: 70 Resp: 76764
Ion Ratio Lower Upper
70 100
42 25.5 30.8 46.2#
101 0.0 9.4 14.2#
130 1.0 15.7 23.5#

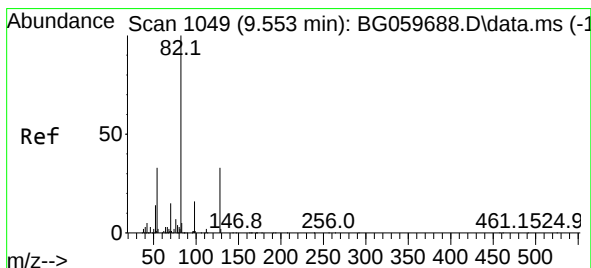
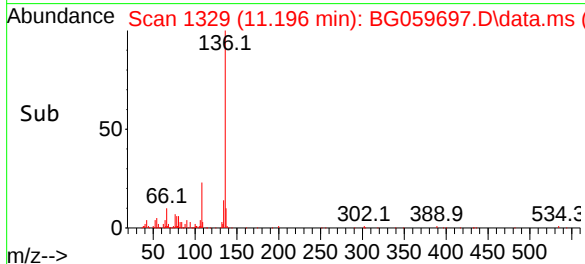
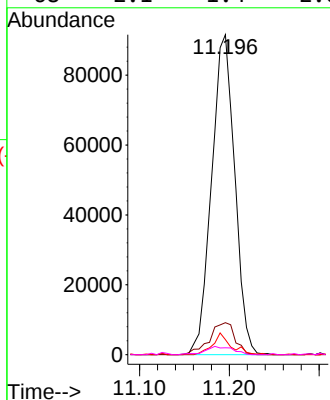
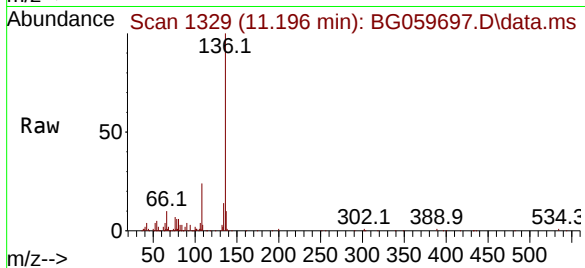




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

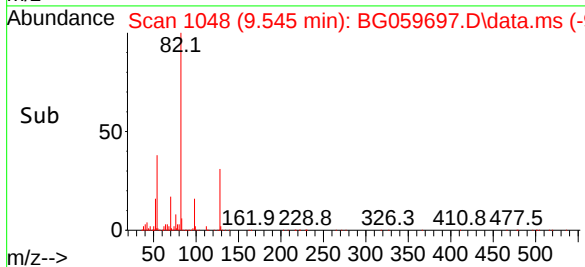
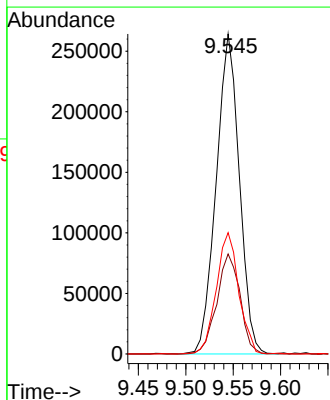
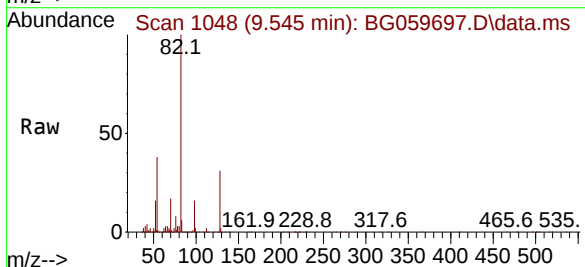
Instrument :
BNA_G
ClientSampleId :
TP-2

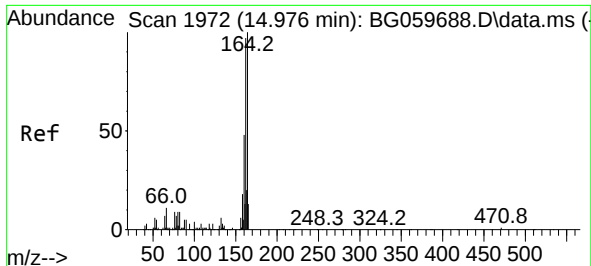
Tgt Ion:136 Resp: 163924
Ion Ratio Lower Upper
136 100
137 10.0 7.7 11.5
54 4.7 4.2 6.2
68 2.1 1.4 2.0#



#23
Nitrobenzene-d5
Concen: 117.756 ng
RT: 9.545 min Scan# 1048
Delta R.T. -0.008 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

Tgt Ion: 82 Resp: 449017
Ion Ratio Lower Upper
82 100
128 31.3 26.3 39.5
54 37.9 26.6 39.8

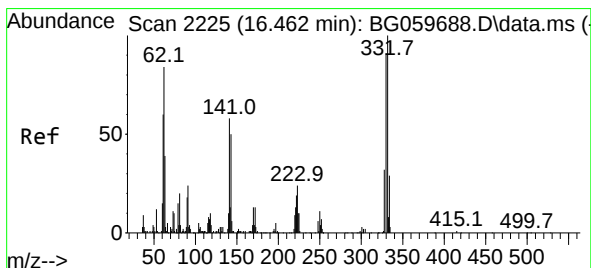
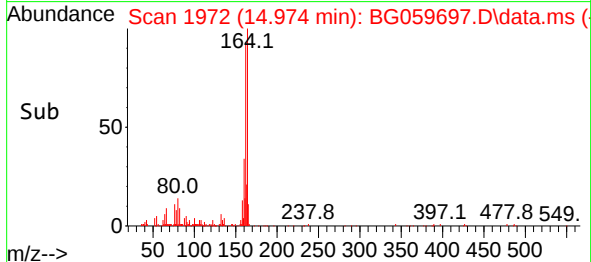
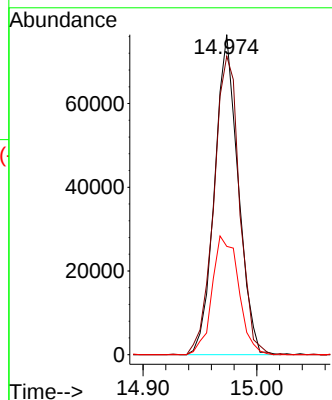
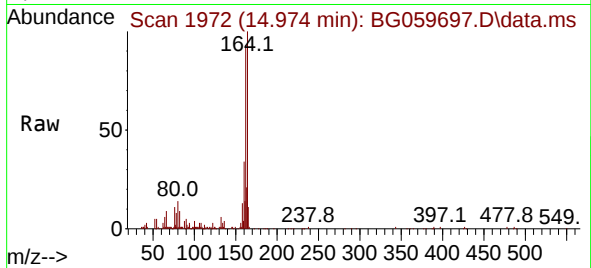




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

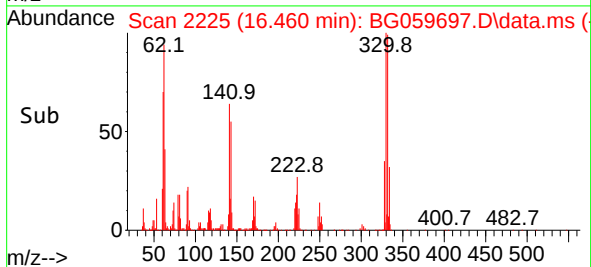
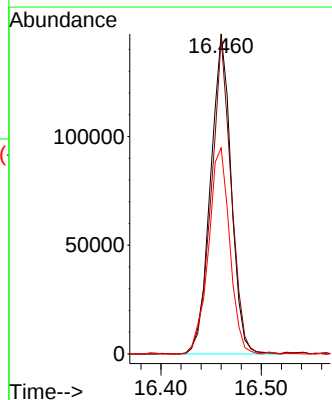
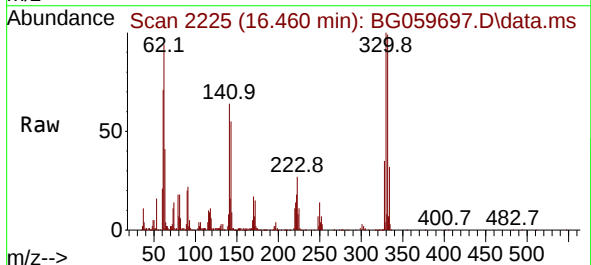
Instrument :
BNA_G
ClientSampleId :
TP-2

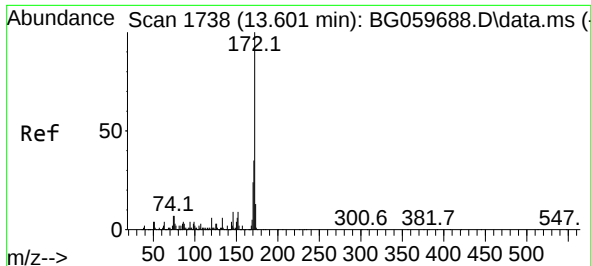
Tgt Ion:164 Resp: 110142
Ion Ratio Lower Upper
164 100
162 93.3 77.8 116.6
160 33.8 38.0 57.0#



#42
2,4,6-Tribromophenol
Concen: 168.749 ng
RT: 16.460 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

Tgt Ion:330 Resp: 209758
Ion Ratio Lower Upper
330 100
332 95.1 80.7 121.1
141 66.3 51.0 76.6

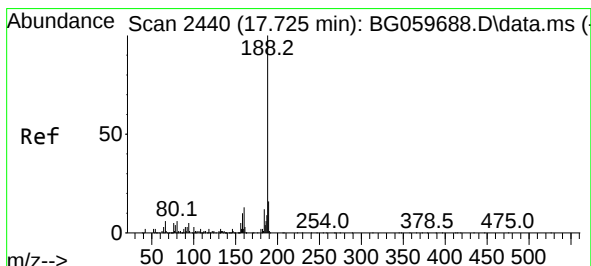
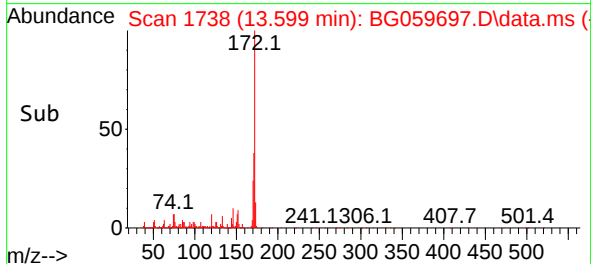
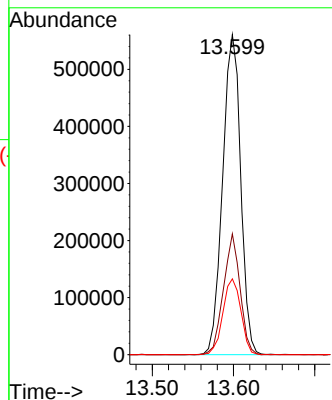
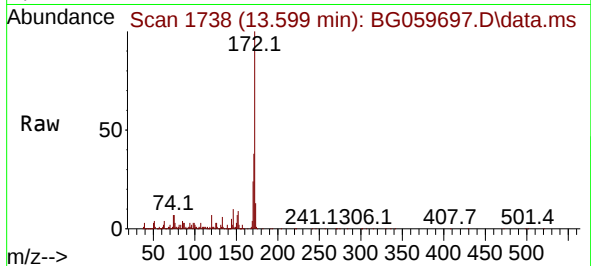




#45
2-Fluorobiphenyl
Concen: 106.190 ng
RT: 13.599 min Scan# 1738
Delta R.T. -0.002 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

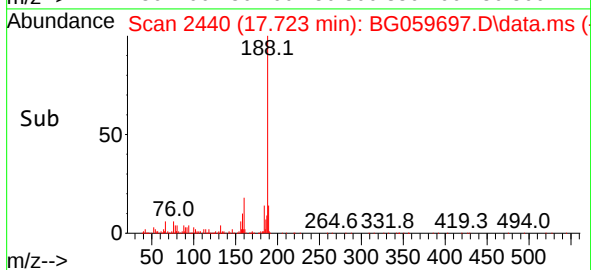
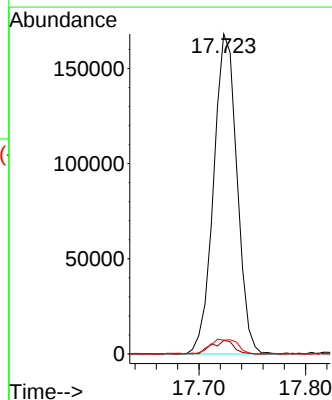
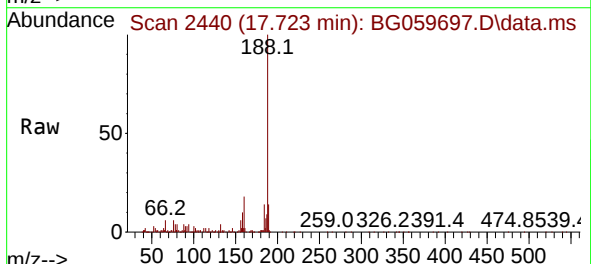
Instrument :
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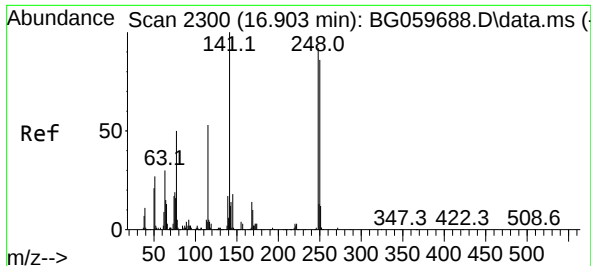
Tgt Ion:172 Resp: 867518
Ion Ratio Lower Upper
172 100
171 37.7 27.9 41.9
170 23.7 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.723 min Scan# 2440
Delta R.T. -0.002 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

Tgt Ion:188 Resp: 255868
Ion Ratio Lower Upper
188 100
94 4.2 3.9 5.9
80 4.3 4.5 6.7

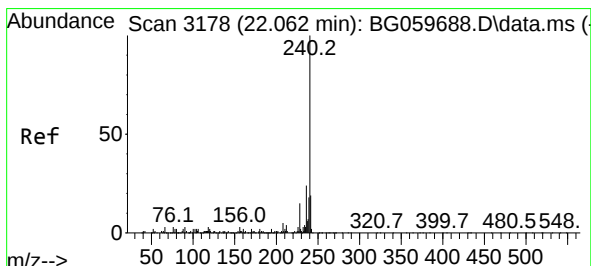
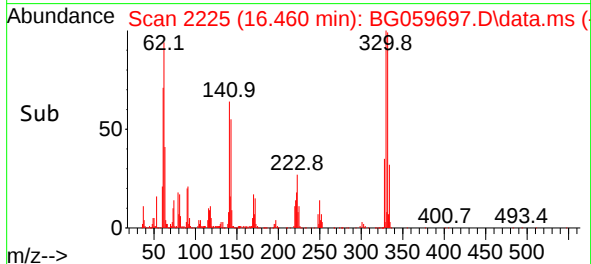
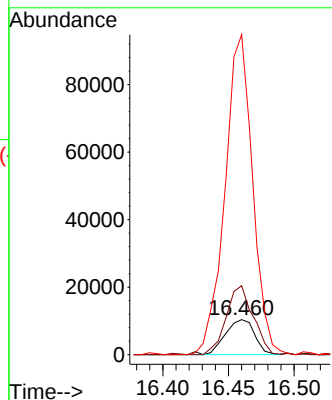
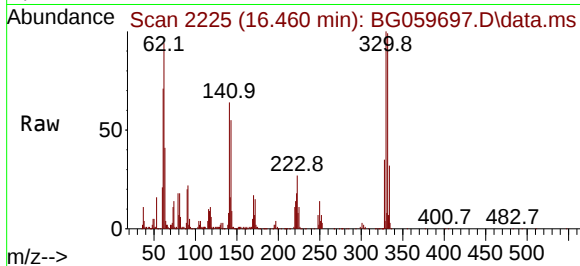




#67
4-Bromophenyl-phenylether
Concen: 6.077 ng
RT: 16.460 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

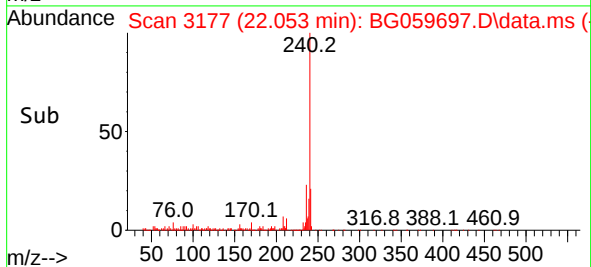
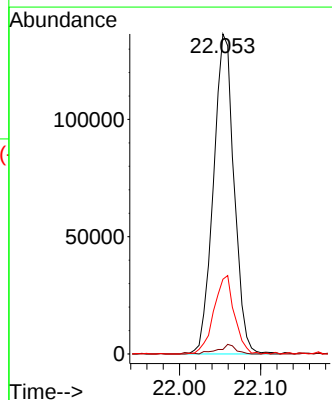
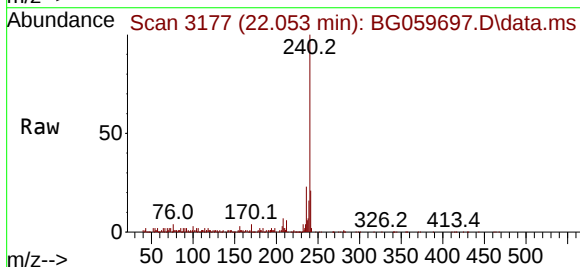
Instrument :
BNA_G
ClientSampleId :
TP-2

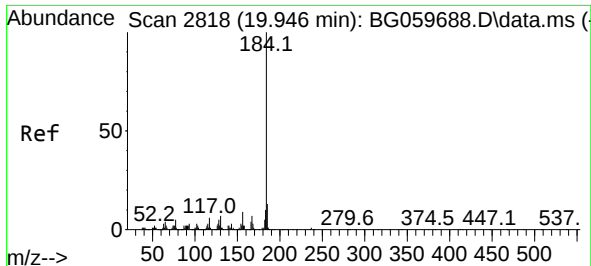
Tgt Ion:248 Resp: 16357
Ion Ratio Lower Upper
248 100
250 197.3 74.5 111.7#
141 914.5 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.053 min Scan# 3177
Delta R.T. -0.008 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

Tgt Ion:240 Resp: 240788
Ion Ratio Lower Upper
240 100
120 2.3 2.6 3.8#
236 23.4 19.4 29.0

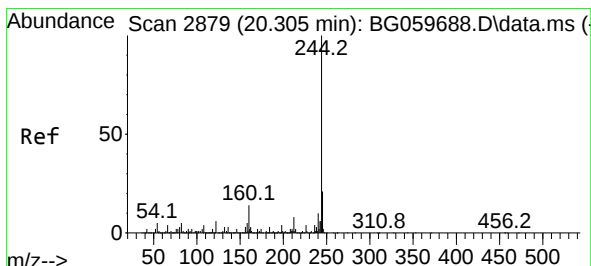
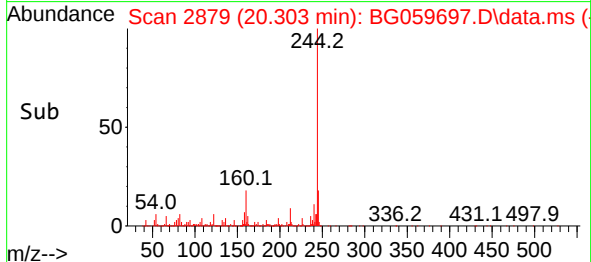
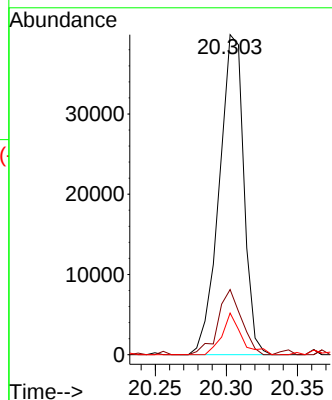
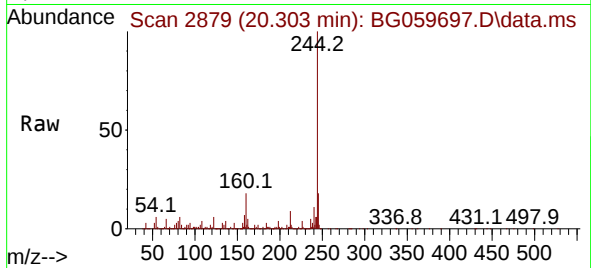




#77
Benzidine
Concen: 11.776 ng
RT: 20.303 min Scan# 2818
Delta R.T. 0.357 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

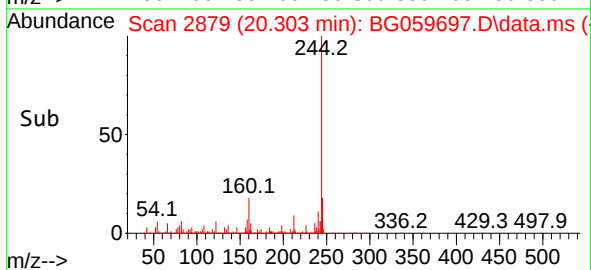
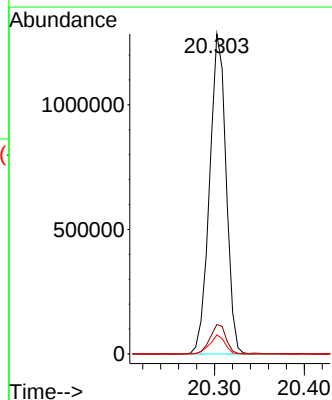
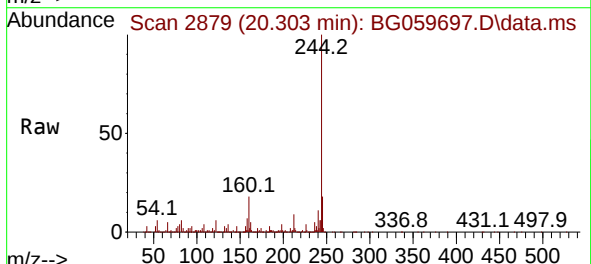
Instrument :
BNA_G
ClientSampleId :
TP-2

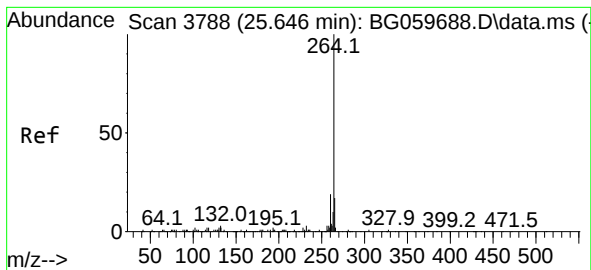
Tgt Ion:184 Resp: 47910
Ion Ratio Lower Upper
184 100
185 20.3 10.7 16.1#
183 13.0 7.8 11.6#



#79
Terphenyl-d14
Concen: 140.766 ng
RT: 20.303 min Scan# 2879
Delta R.T. -0.002 min
Lab File: BG059697.D
Acq: 15 Nov 2023 13:04

Tgt Ion:244 Resp: 1642823
Ion Ratio Lower Upper
244 100
212 9.2 6.6 9.8
122 6.0 4.6 6.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.643 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG059697.D

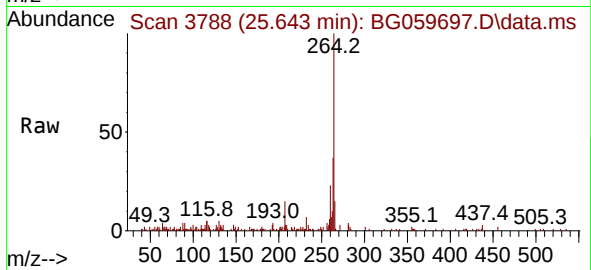
Acq: 15 Nov 2023 13:04

Instrument :

BNA_G

ClientSampleId :

TP-2



Tgt Ion:264 Resp: 100444

Ion Ratio Lower Upper

264 100

260 23.4 15.6 23.4#

265 14.7 13.4 20.2

