

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059741.D
 Acq On : 17 Nov 2023 22:15
 Operator : MA/JU
 Sample : 05311-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 04:22:39 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)

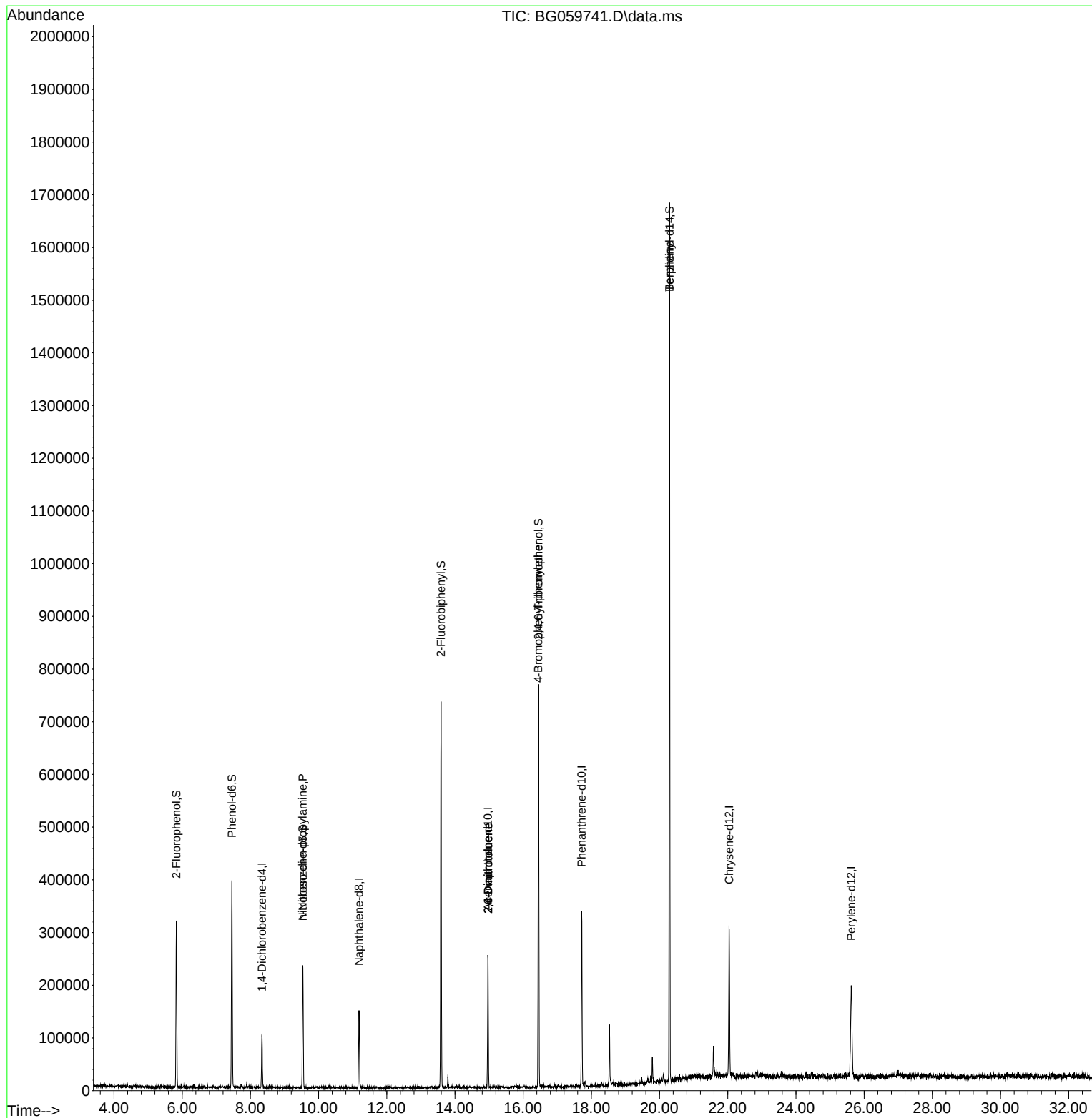
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	20192	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	96361	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	76983	20.000	ng	# 0.00
64) Phenanthrene-d10	17.715	188	188289	20.000	ng	# 0.00
76) Chrysene-d12	22.039	240	158663	20.000	ng	#-0.01
86) Perylene-d12	25.623	264	196960	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	112451	93.735	ng	0.00
7) Phenol-d6	7.456	99	177433	99.806	ng	0.00
23) Nitrobenzene-d5	9.536	82	148807	58.979	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	99759	114.210	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	316842	55.400	ng	0.00
79) Terphenyl-d14	20.294	244	662430	61.634	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.536	70	24549	17.535	ng	# 76
51) 2,6-Dinitrotoluene	14.971	165	9803	8.662	ng	# 1
57) 2,4-Dinitrotoluene	14.971	165	9803	5.632	ng	# 4
67) 4-Bromophenyl-phenylether	16.446	248	6603	3.264	ng	# 1
77) Benzidine	20.294	184	20857	5.797	ng	# 89

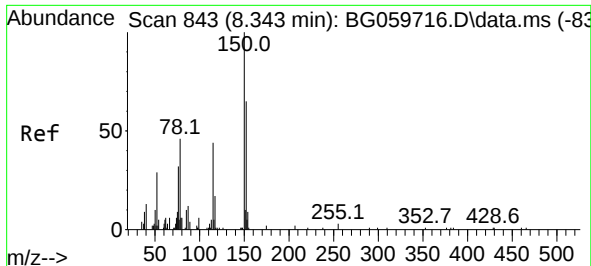
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059741.D
Acq On : 17 Nov 2023 22:15
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Misc :
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Instrument :
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ClientSampleId :

Quant Time: Nov 18 04:22:39 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
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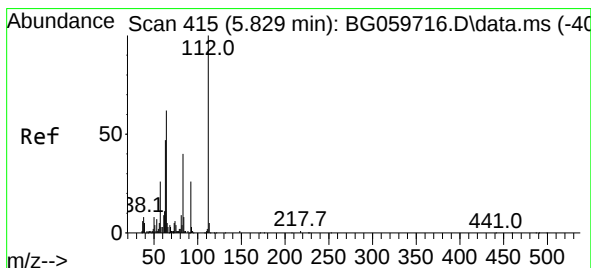
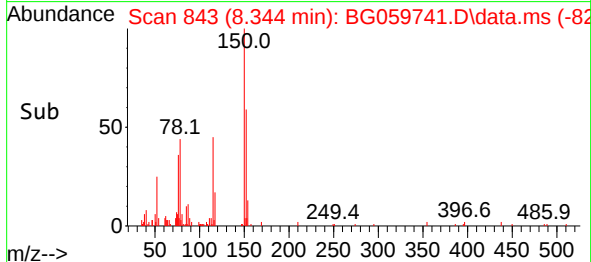
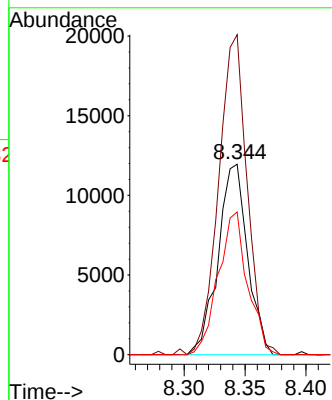
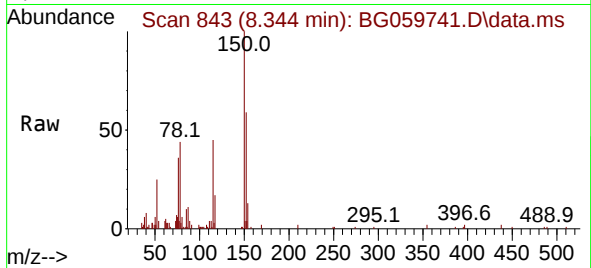




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 843
Delta R.T. 0.001 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

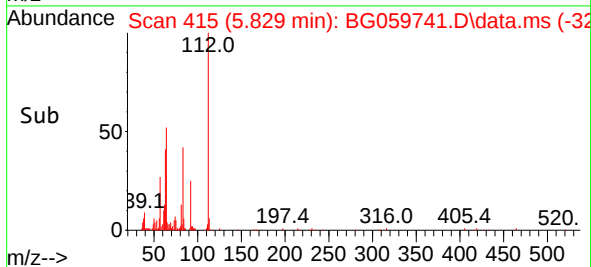
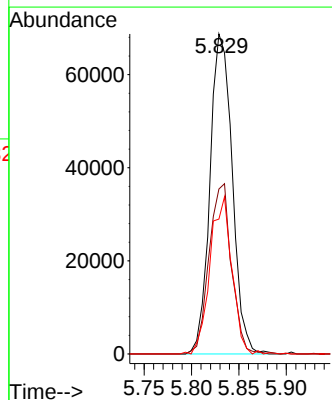
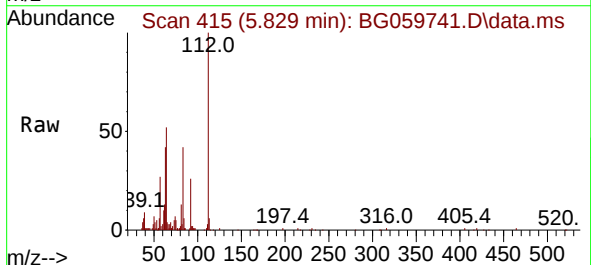
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 20192
Ion Ratio Lower Upper
152 100
150 168.1 122.2 183.4
115 75.0 54.2 81.4



#5
2-Fluorophenol
Concen: 93.735 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

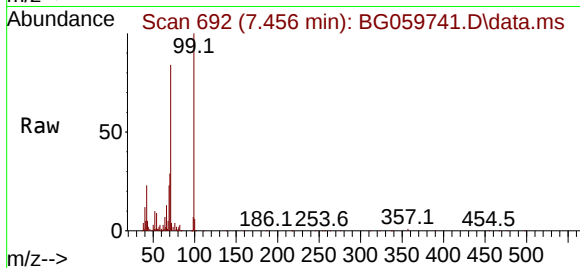
Tgt Ion:112 Resp: 112451
Ion Ratio Lower Upper
112 100
64 51.6 49.5 74.3
63 42.2 37.4 56.2



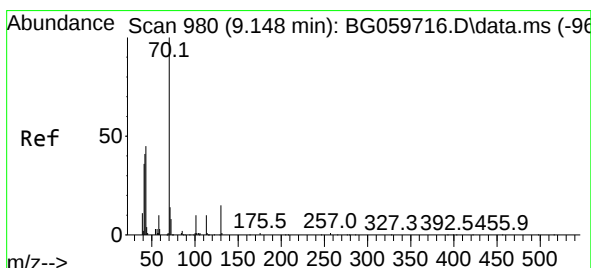
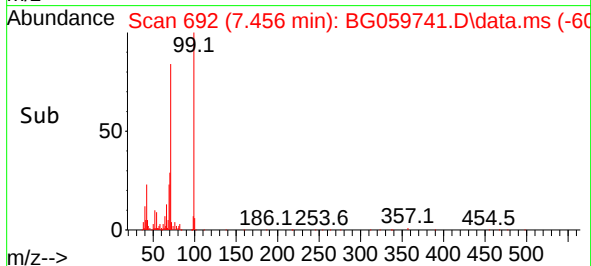
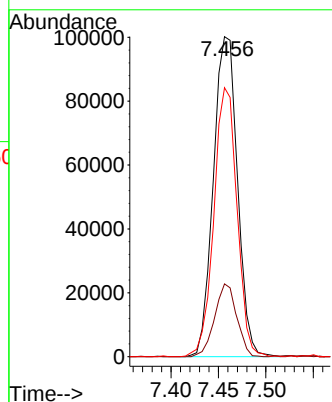


#7
Phenol-d6
Concen: 99.806 ng
RT: 7.456 min Scan# 692
Delta R.T. 0.000 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Instrument :
BNA_G
ClientSampleId :

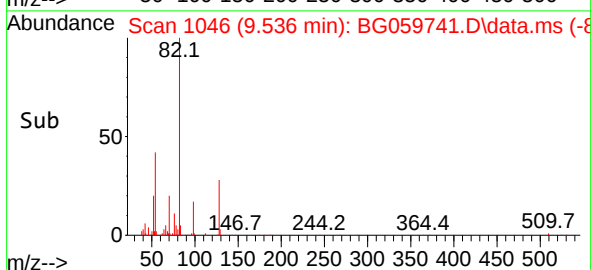
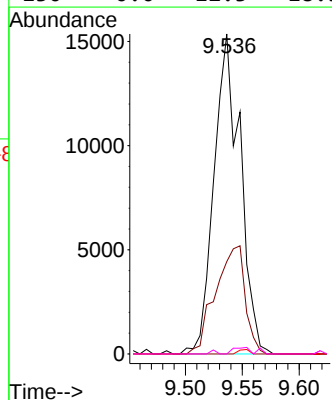
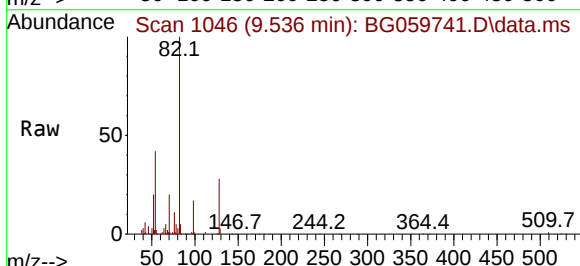


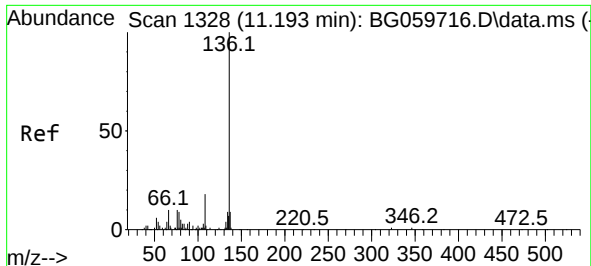
Tgt Ion: 99 Resp: 177433
Ion Ratio Lower Upper
99 100
42 22.7 14.3 21.5#
71 84.1 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.535 ng
RT: 9.536 min Scan# 1046
Delta R.T. 0.388 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Tgt Ion: 70 Resp: 24549
Ion Ratio Lower Upper
70 100
42 28.9 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

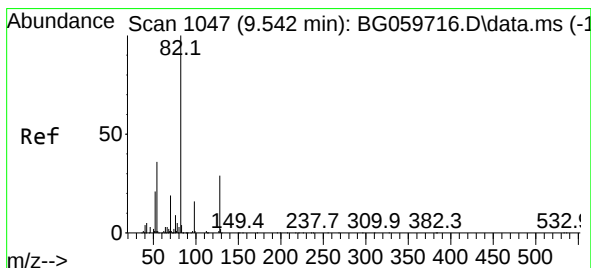
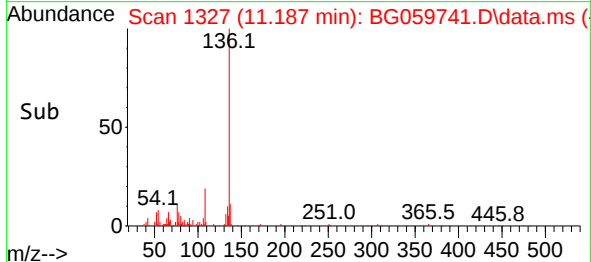
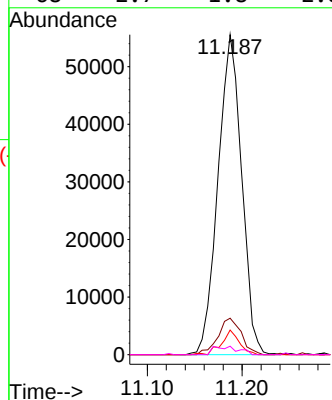
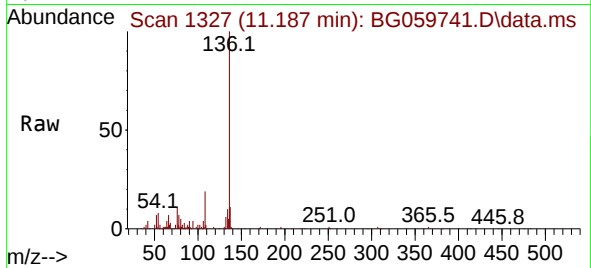




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

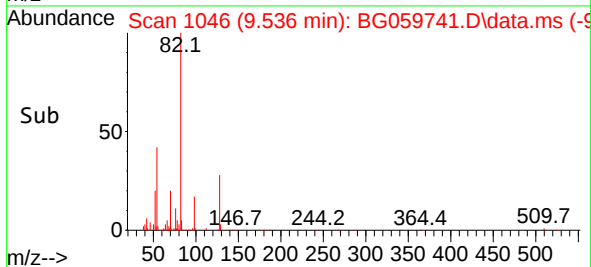
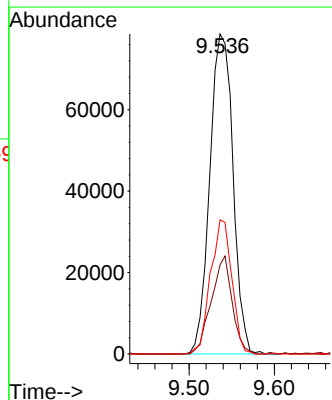
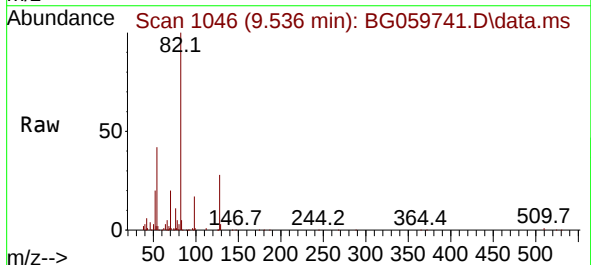
Instrument :
BNA_G
ClientSampleId :

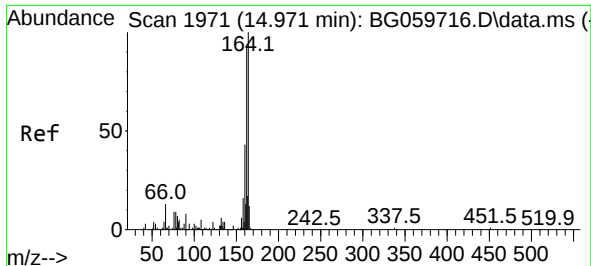
Tgt Ion:	136	Resp:	96361
Ion Ratio	Lower	Upper	
136	100		
137	11.4	7.4	11.0#
54	7.7	3.1	4.7#
68	2.7	1.8	2.8



#23
Nitrobenzene-d5
Concen: 58.979 ng
RT: 9.536 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Tgt Ion:	82	Resp:	148807
Ion Ratio	Lower	Upper	
82	100		
128	27.9	23.0	34.6
54	41.9	28.7	43.1

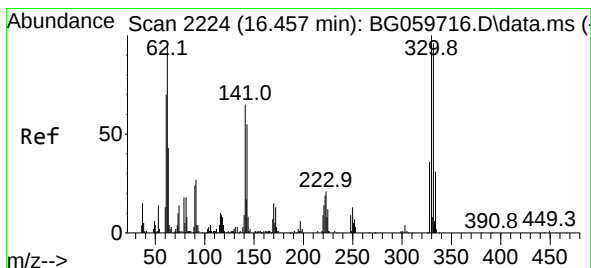
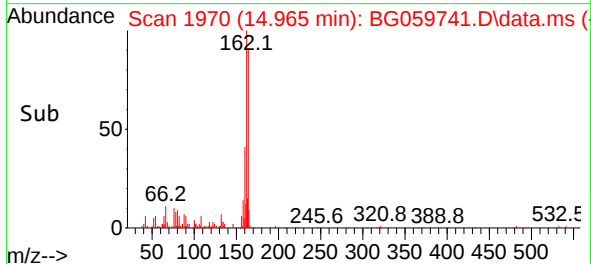
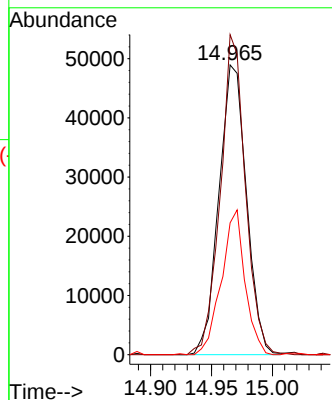
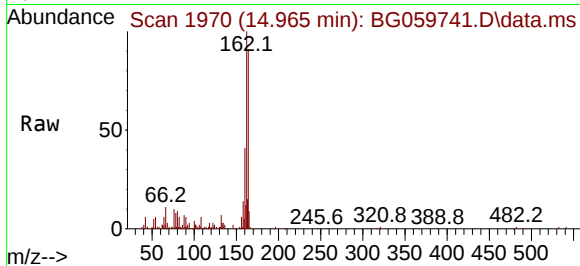




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

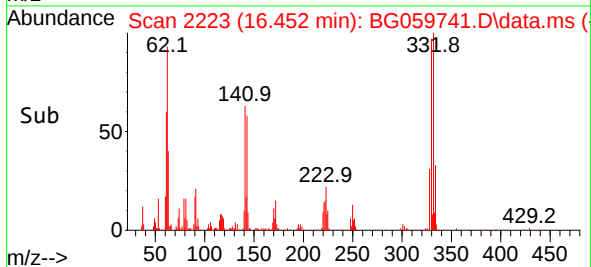
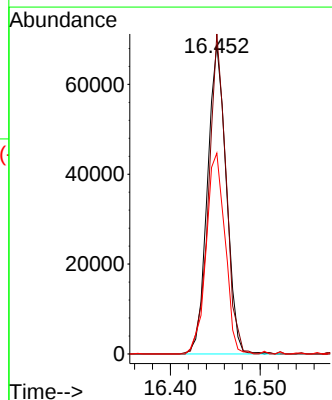
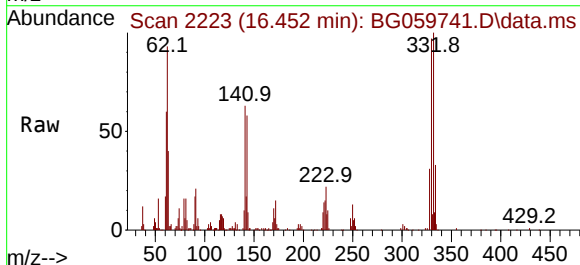
Instrument :
BNA_G
ClientSampleId :

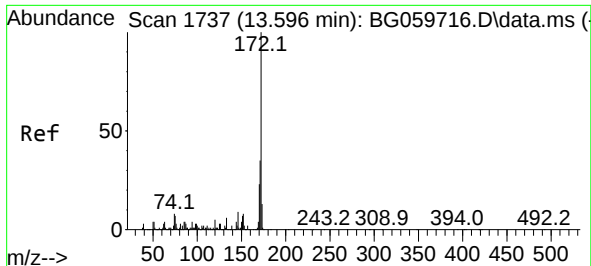
Tgt Ion:164 Resp: 76983
Ion Ratio Lower Upper
164 100
162 110.5 73.3 109.9#
160 45.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 114.210 ng
RT: 16.452 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Tgt Ion:330 Resp: 99759
Ion Ratio Lower Upper
330 100
332 95.6 73.3 109.9
141 65.3 52.1 78.1

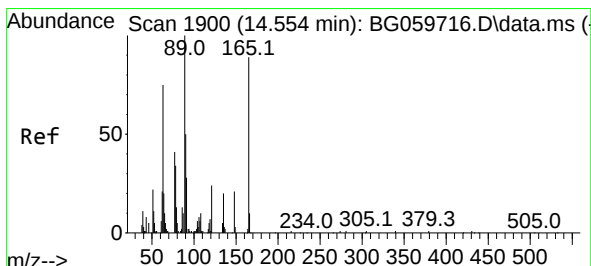
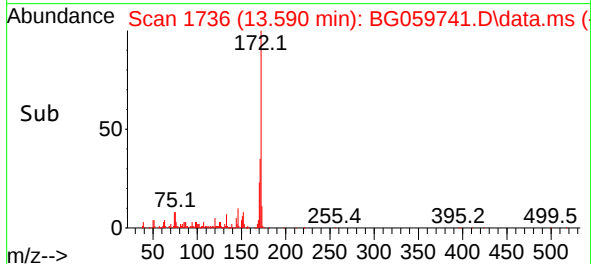
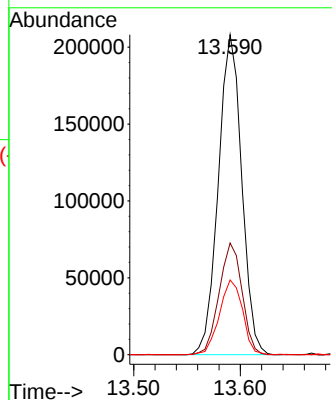
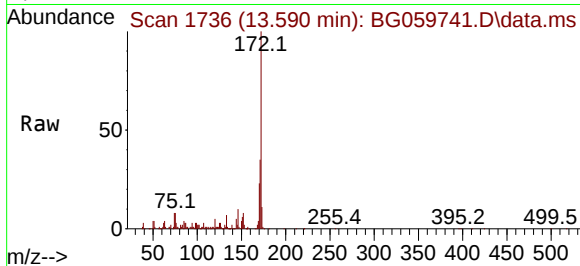




#45
2-Fluorobiphenyl
Concen: 55.400 ng
RT: 13.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

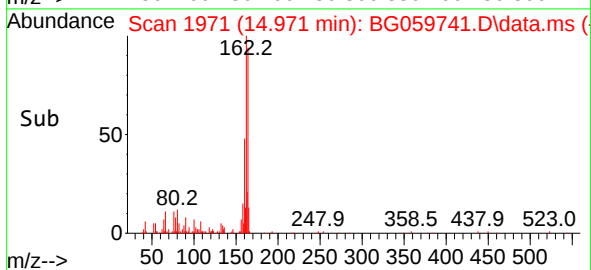
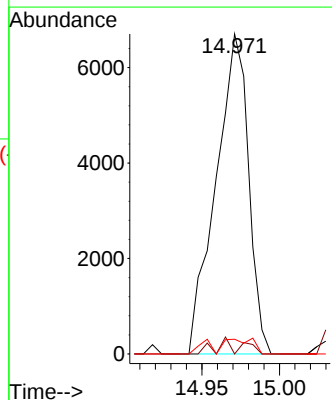
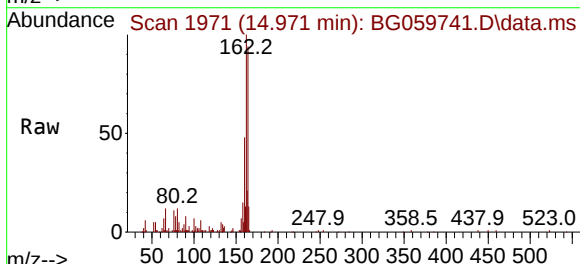
Instrument :
BNA_G
ClientSampleId :

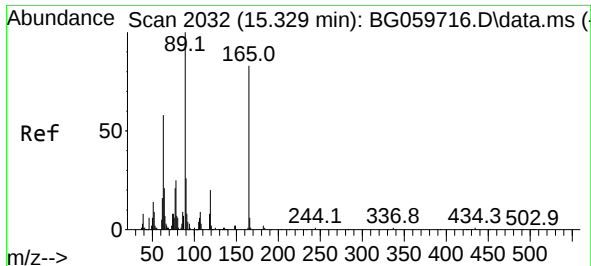
Tgt Ion:172 Resp: 316842
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.3 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.662 ng
RT: 14.971 min Scan# 1971
Delta R.T. 0.417 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Tgt Ion:165 Resp: 9803
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 4.6 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.632 ng

RT: 14.971 min Scan# 14

Delta R.T. -0.358 min

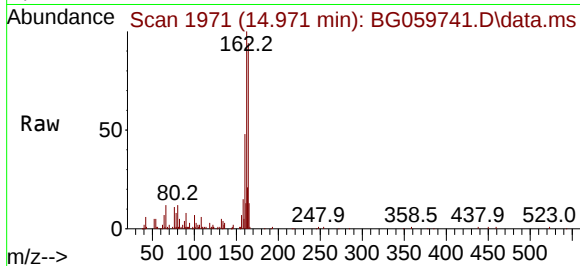
Lab File: BG059741.D

Acq: 17 Nov 2023 22:15

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 9803

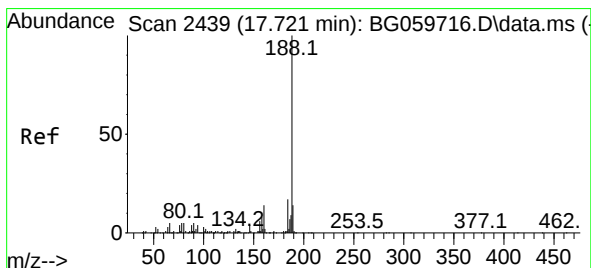
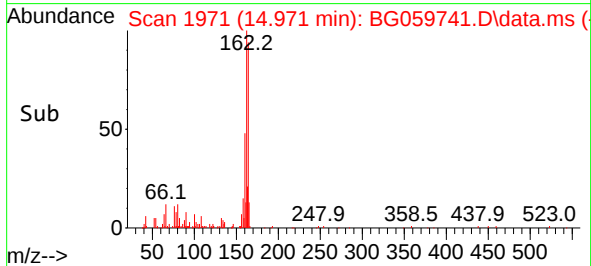
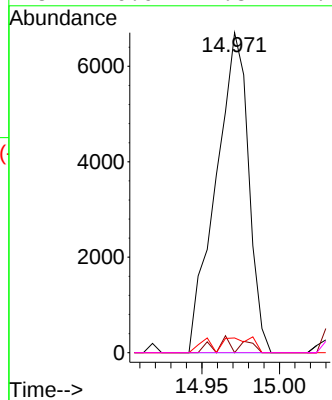
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 4.6 96.9 145.3#

182 0.0 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: BG059741.D

Acq: 17 Nov 2023 22:15

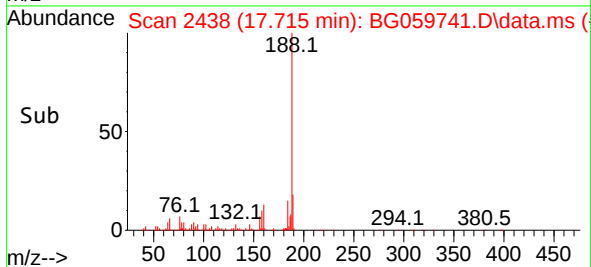
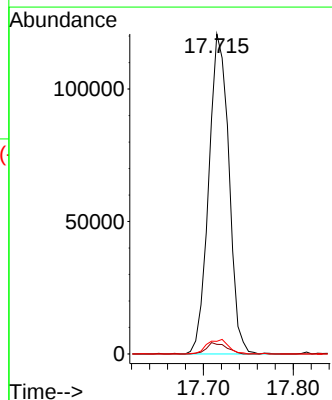
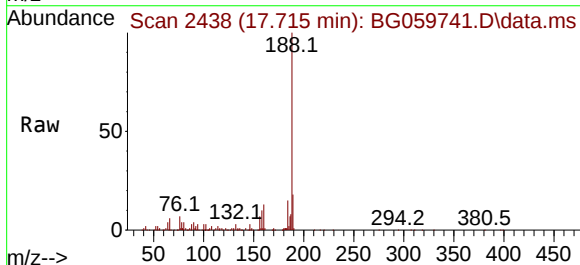
Tgt Ion:188 Resp: 188289

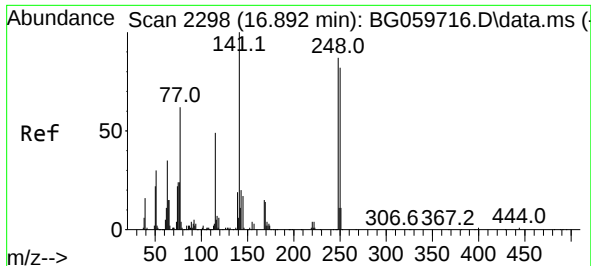
Ion Ratio Lower Upper

188 100

94 3.0 3.0 4.4

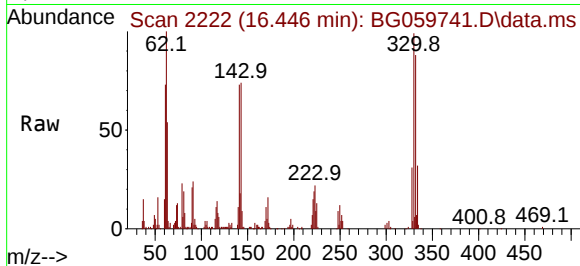
80 3.9 4.2 6.4#



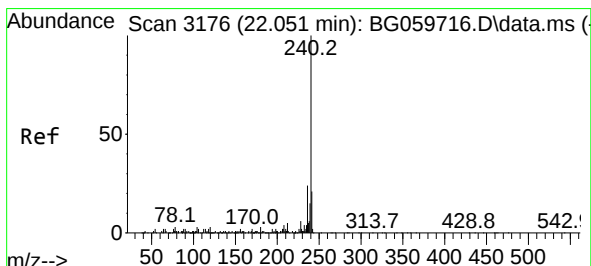
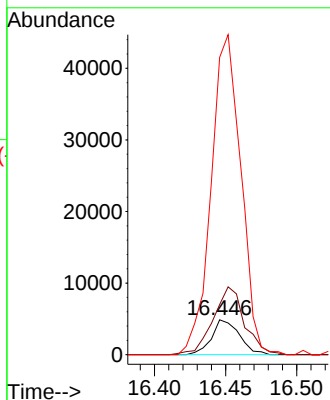
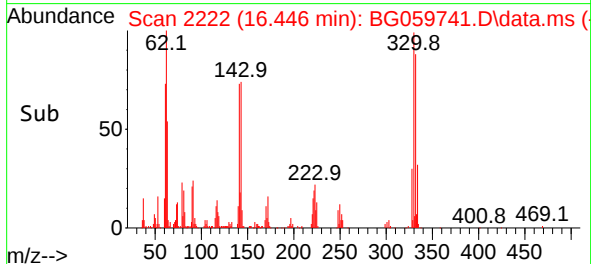


#67
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 16.446 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Instrument :
BNA_G
ClientSampleId :

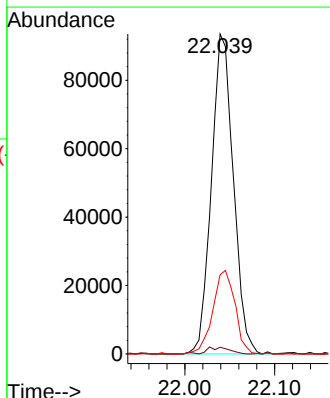
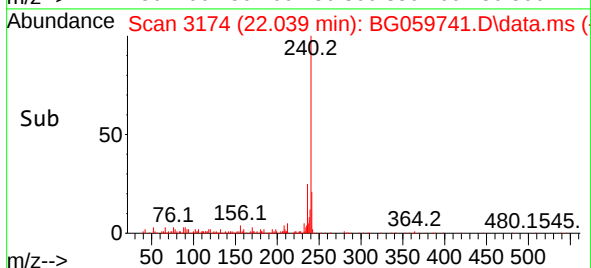
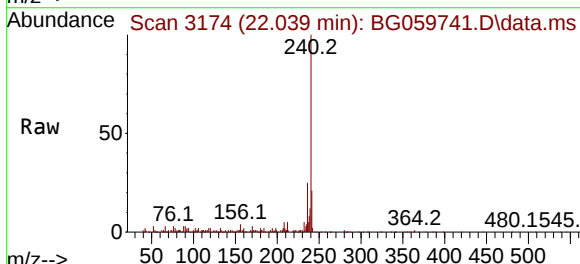


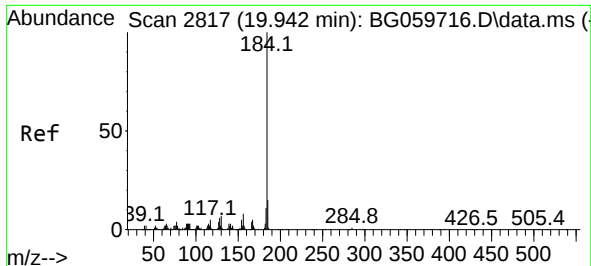
Tgt Ion:248 Resp: 6603
Ion Ratio Lower Upper
248 100
250 143.4 75.2 112.8#
141 852.2 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.039 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Tgt Ion:240 Resp: 158663
Ion Ratio Lower Upper
240 100
120 2.1 2.2 3.2#
236 24.7 19.4 29.2

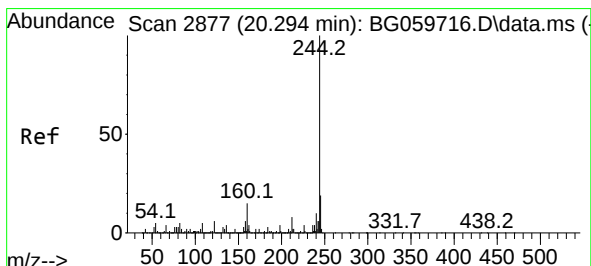
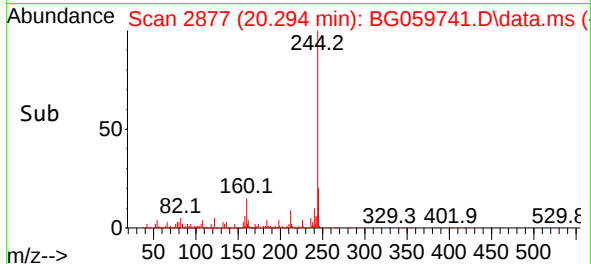
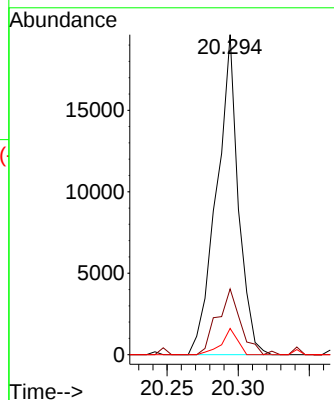
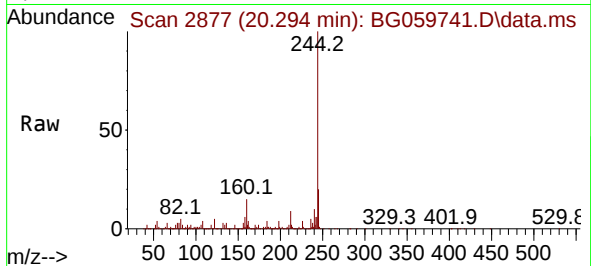




#77
Benzidine
Concen: 5.797 ng
RT: 20.294 min Scan# 21
Delta R.T. 0.353 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

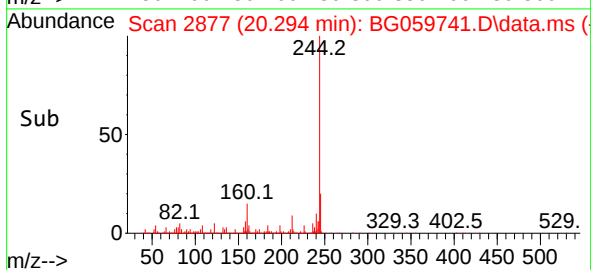
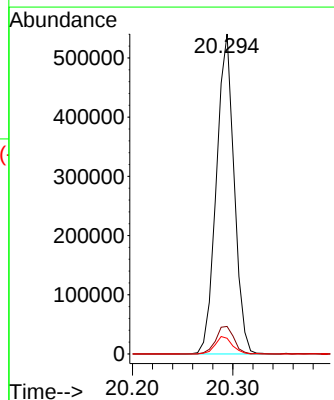
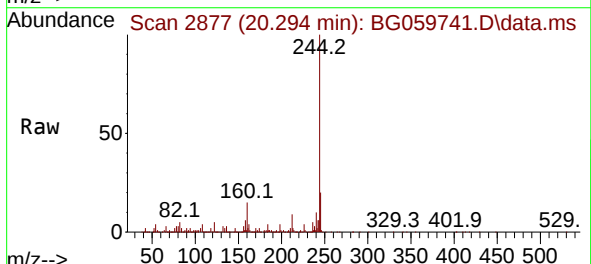
Instrument :
BNA_G
ClientSampleId :

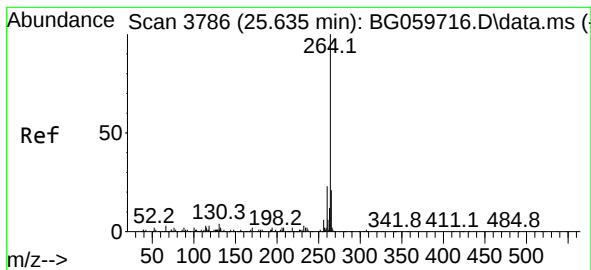
Tgt Ion:184 Resp: 20857
Ion Ratio Lower Upper
184 100
185 20.6 12.2 18.2#
183 8.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 61.634 ng
RT: 20.294 min Scan# 2877
Delta R.T. 0.000 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Tgt Ion:244 Resp: 662430
Ion Ratio Lower Upper
244 100
212 8.6 6.6 10.0
122 4.9 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.623 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG059741.D
Acq: 17 Nov 2023 22:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 196960

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.5	27.7
265	19.9	17.0	25.6

