

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059813.D
 Acq On : 22 Nov 2023 5:13
 Operator : MA/JU
 Sample : 05432-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Nov 22 05:48:56 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)

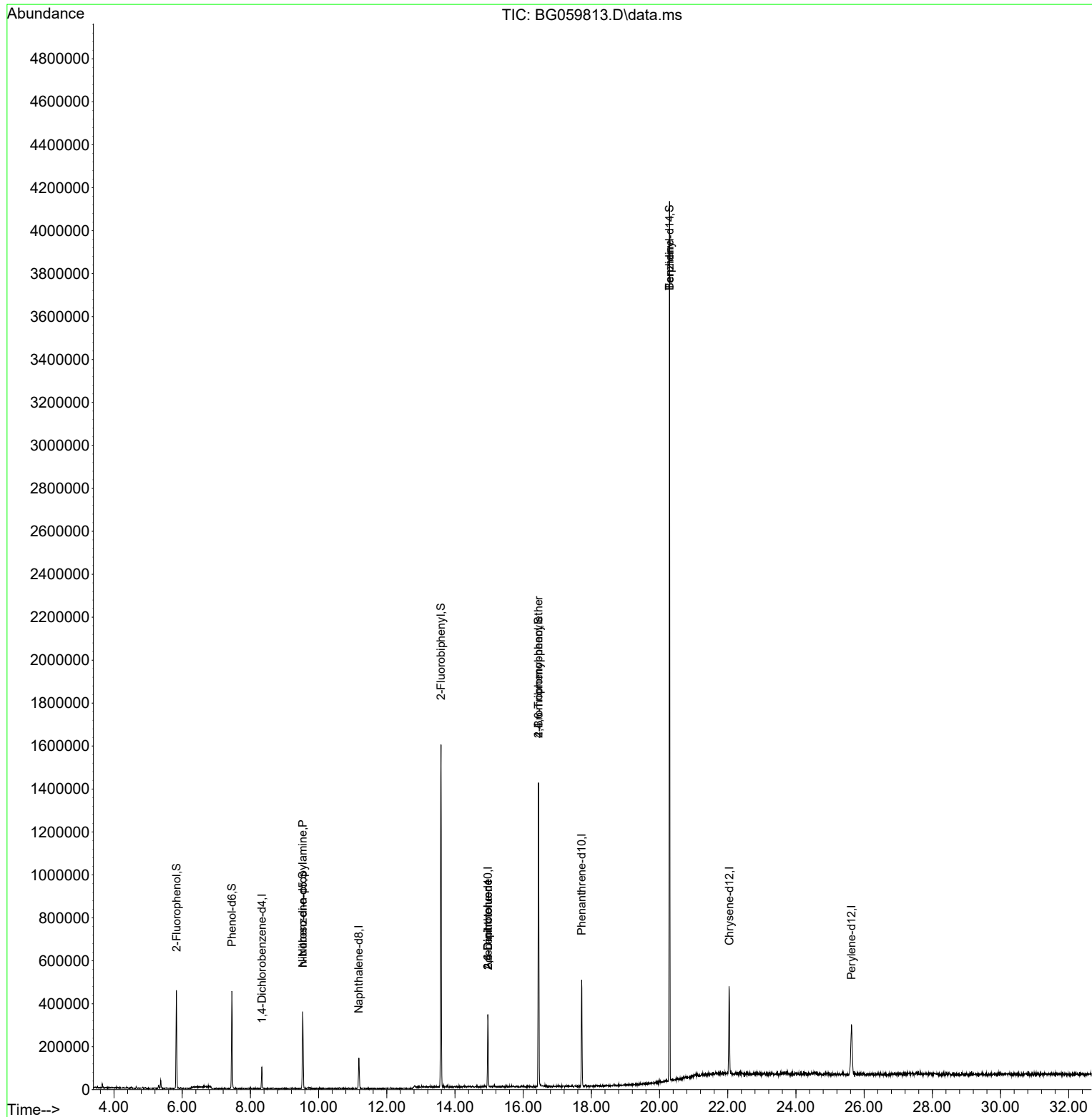
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	21378	20.000	ng	0.00
21) Naphthalene-d8	11.181	136	95524	20.000	ng	#-0.01
39) Acenaphthene-d10	14.965	164	104835	20.000	ng	# 0.00
64) Phenanthrene-d10	17.714	188	275683	20.000	ng	0.00
76) Chrysene-d12	22.045	240	245969	20.000	ng	# 0.00
86) Perylene-d12	25.629	264	272177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	153906	121.174	ng	0.00
7) Phenol-d6	7.456	99	204854	108.837	ng	0.00
23) Nitrobenzene-d5	9.536	82	214404	85.722	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	206432	173.548	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	670642	86.108	ng	0.00
79) Terphenyl-d14	20.294	244	1650095	99.035	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.536	70	36807	24.833	ng	# 77
51) 2,6-Dinitrotoluene	14.965	165	15893	10.312	ng	# 2
57) 2,4-Dinitrotoluene	14.965	165	15893	6.706	ng	# 5
67) 4-Bromophenyl-phenylether	16.451	248	15626	5.276	ng	# 1
77) Benzidine	20.294	184	44996	8.067	ng	# 87

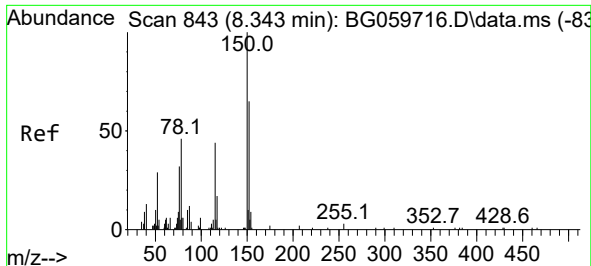
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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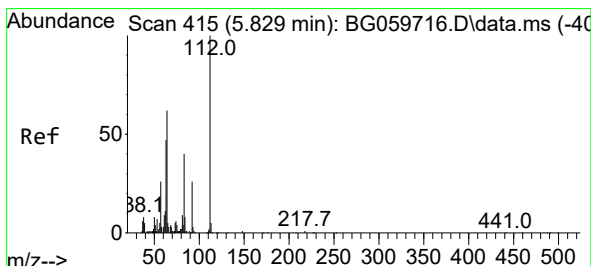
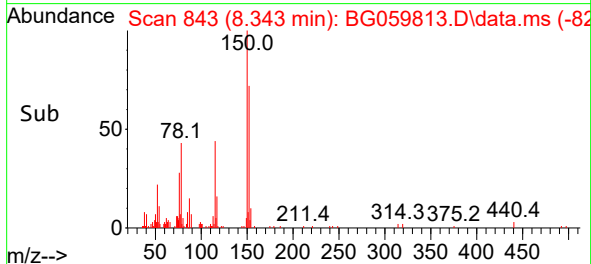
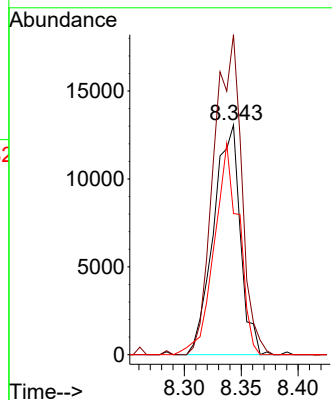
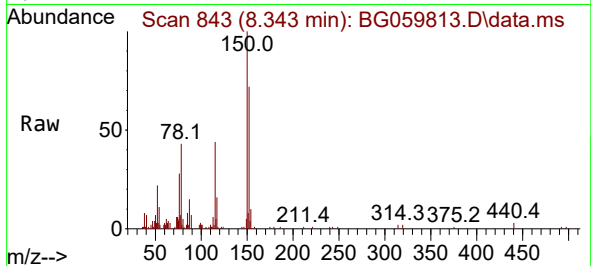




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 843
Delta R.T. 0.000 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

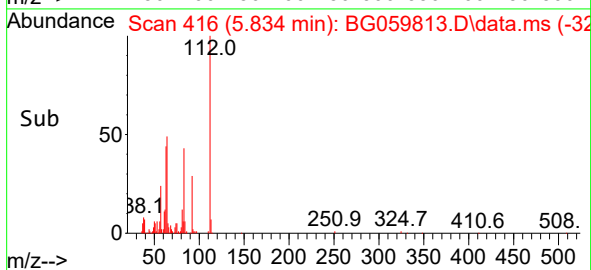
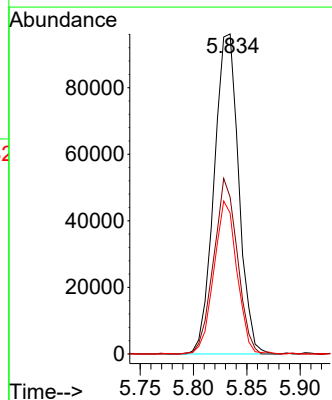
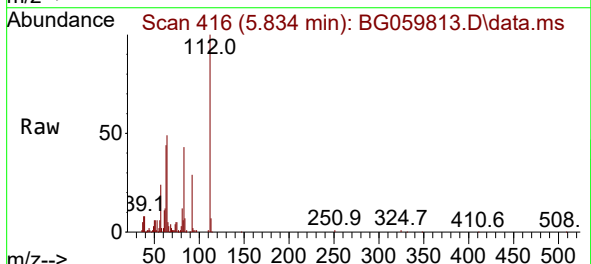
Instrument :
BNA_G
ClientSampleId :
TP-6

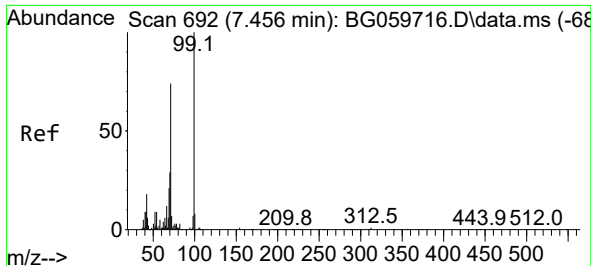
Tgt Ion:152 Resp: 21378
Ion Ratio Lower Upper
152 100
150 139.3 122.2 183.4
115 61.4 54.2 81.4



#5
2-Fluorophenol
Concen: 121.174 ng
RT: 5.834 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

Tgt Ion:112 Resp: 153906
Ion Ratio Lower Upper
112 100
64 49.0 49.5 74.3#
63 44.0 37.4 56.2

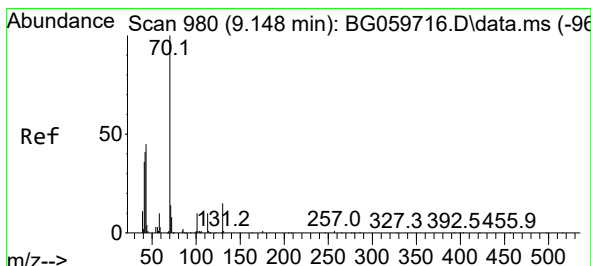
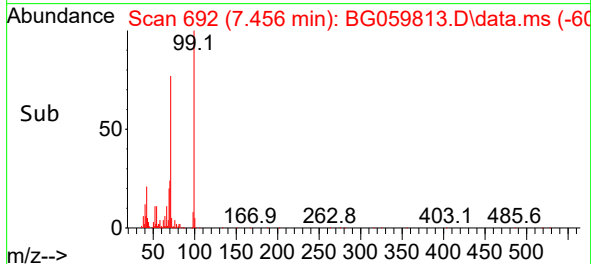
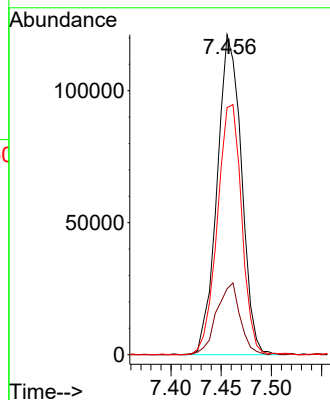
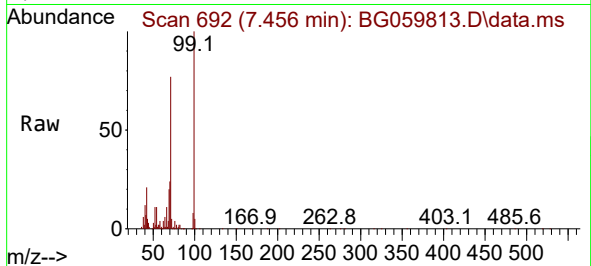




#7
Phenol-d6
Concen: 108.837 ng
RT: 7.456 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

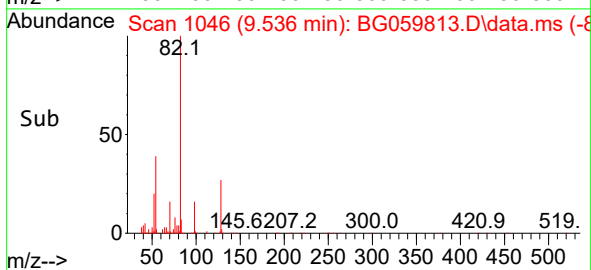
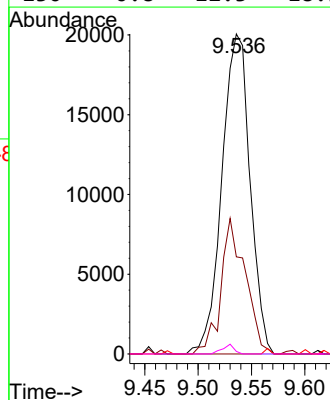
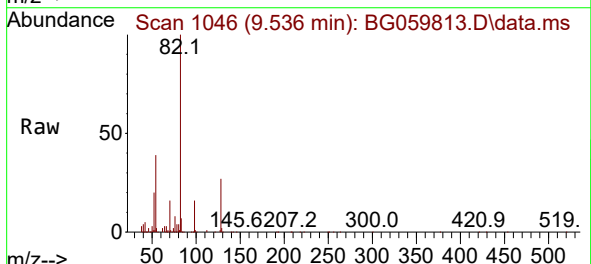
Instrument :
BNA_G
ClientSampleId :
TP-6

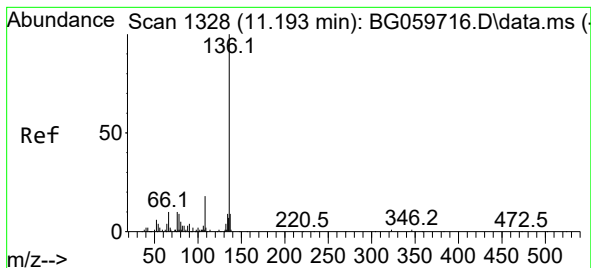
Tgt Ion: 99 Resp: 204854
Ion Ratio Lower Upper
99 100
42 20.6 14.3 21.5
71 77.2 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.833 ng
RT: 9.536 min Scan# 1046
Delta R.T. 0.387 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

Tgt Ion: 70 Resp: 36807
Ion Ratio Lower Upper
70 100
42 30.3 32.8 49.2#
101 0.0 7.7 11.5#
130 0.8 12.3 18.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.181 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG059813.D

Acq: 22 Nov 2023 5:13

Instrument :

BNA_G

ClientSampleId :

TP-6

Tgt Ion:136 Resp: 95524

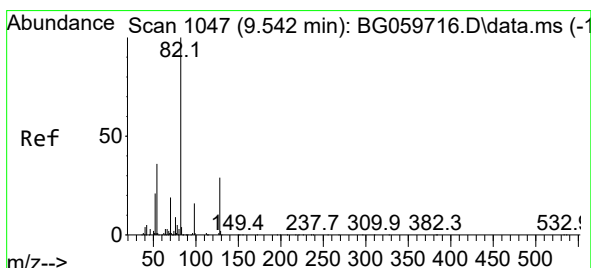
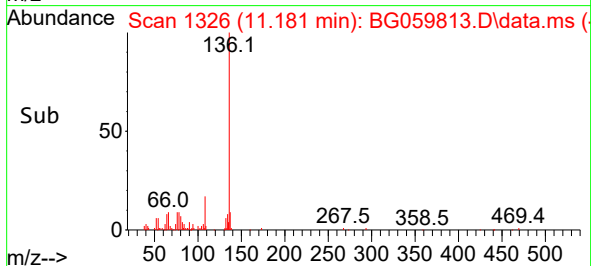
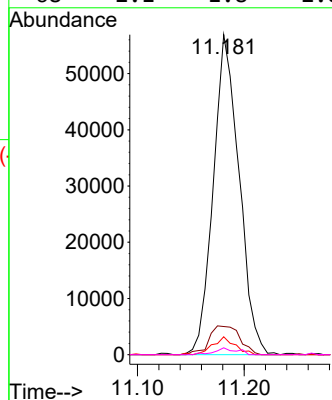
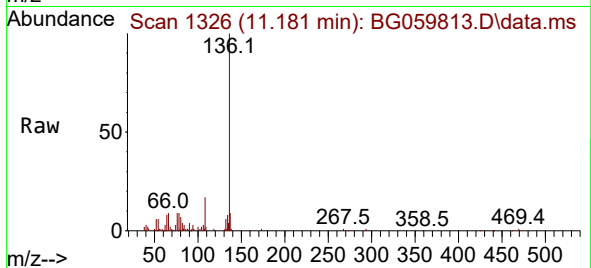
Ion Ratio Lower Upper

136 100

137 8.8 7.4 11.0

54 5.6 3.1 4.7#

68 2.1 1.8 2.8



#23

Nitrobenzene-d5

Concen: 85.722 ng

RT: 9.536 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG059813.D

Acq: 22 Nov 2023 5:13

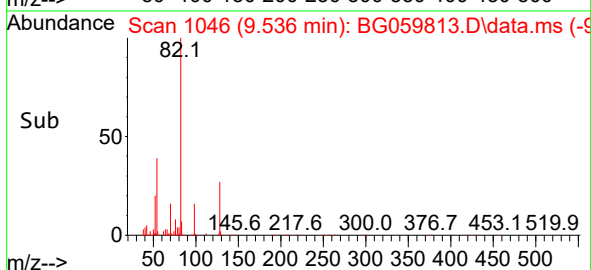
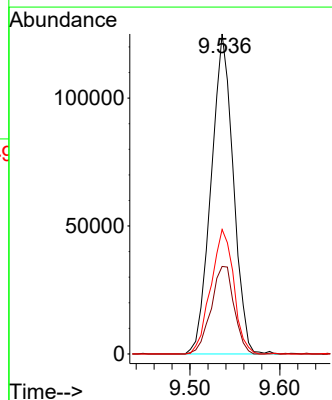
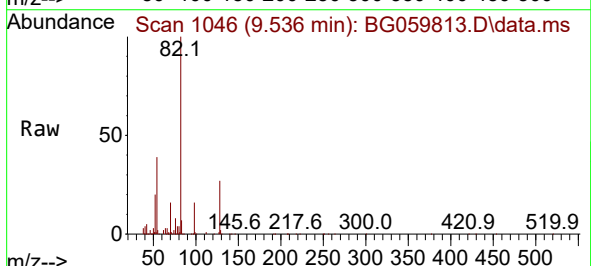
Tgt Ion: 82 Resp: 214404

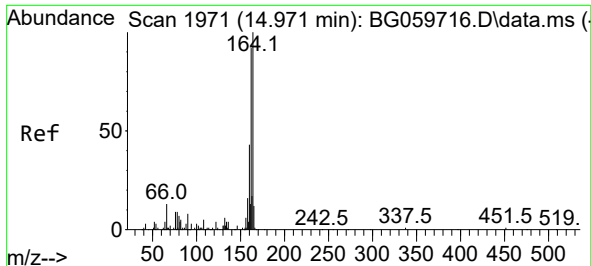
Ion Ratio Lower Upper

82 100

128 27.3 23.0 34.6

54 38.9 28.7 43.1

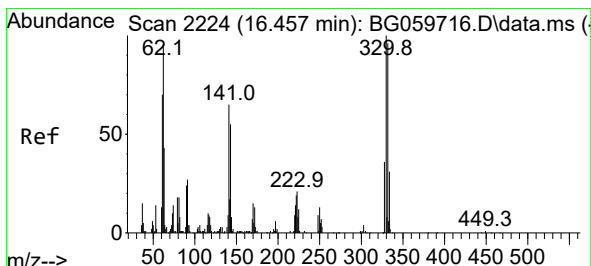
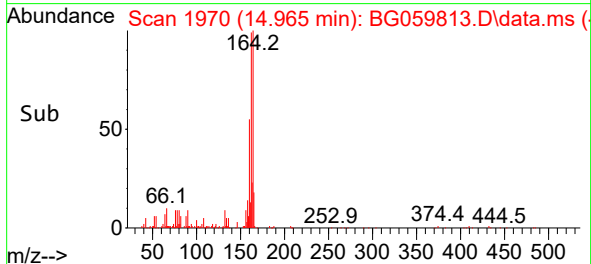
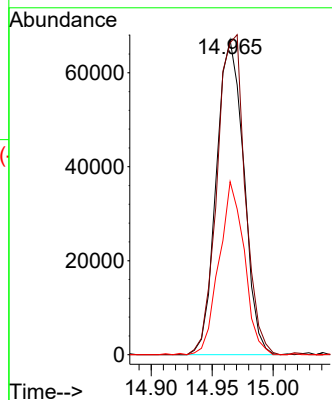
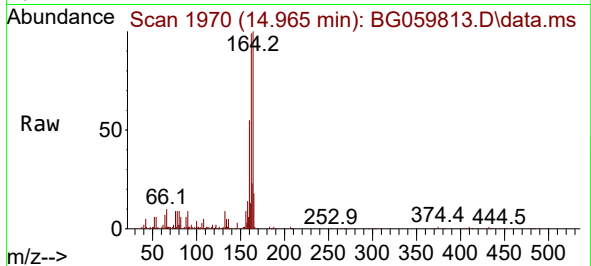




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

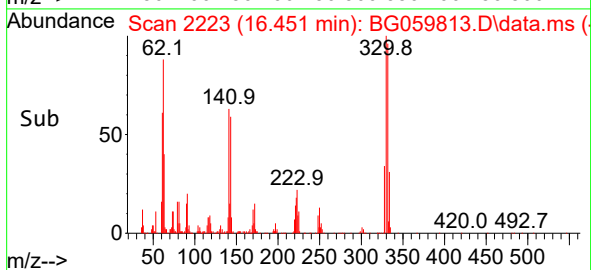
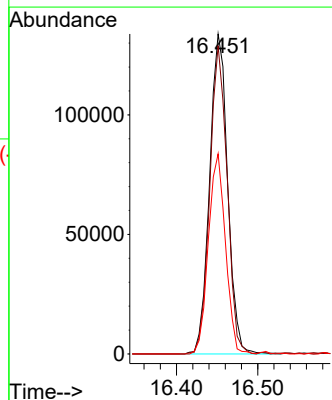
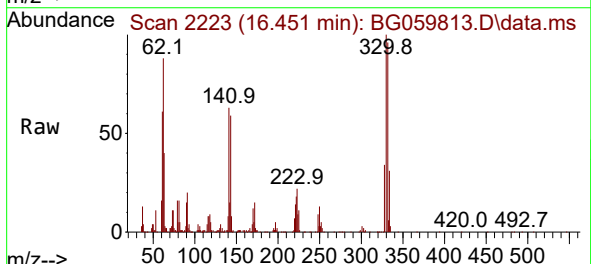
Instrument :
BNA_G
ClientSampleId :
TP-6

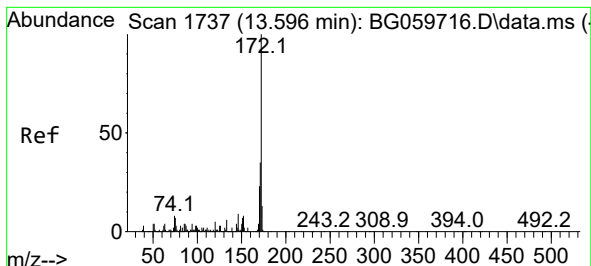
Tgt Ion:164 Resp: 104835
Ion Ratio Lower Upper
164 100
162 99.1 73.3 109.9
160 54.9 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 173.548 ng
RT: 16.451 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

Tgt Ion:330 Resp: 206432
Ion Ratio Lower Upper
330 100
332 92.2 73.3 109.9
141 59.1 52.1 78.1

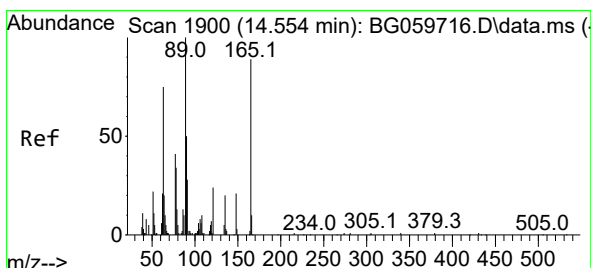
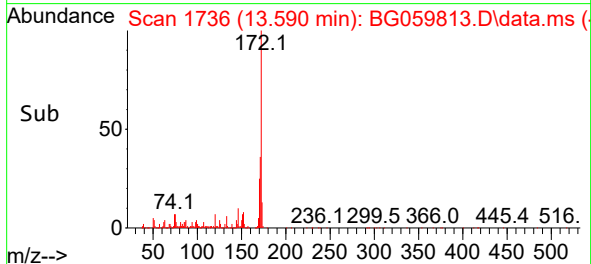
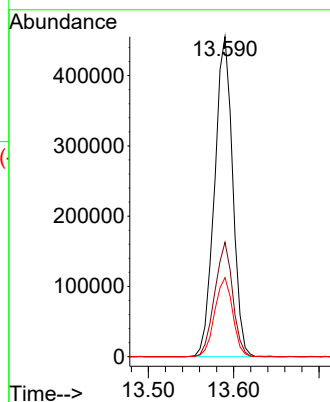
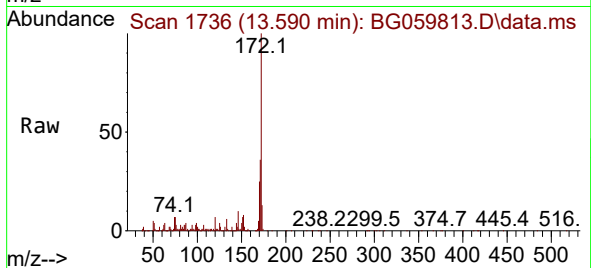




#45
2-Fluorobiphenyl
Concen: 86.108 ng
RT: 13.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

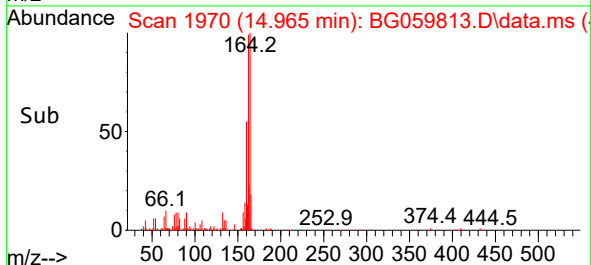
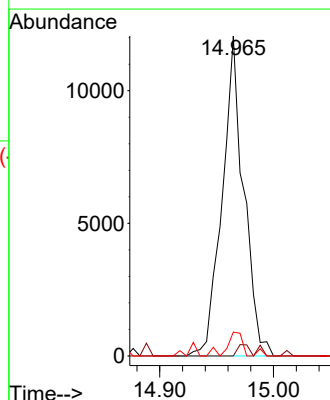
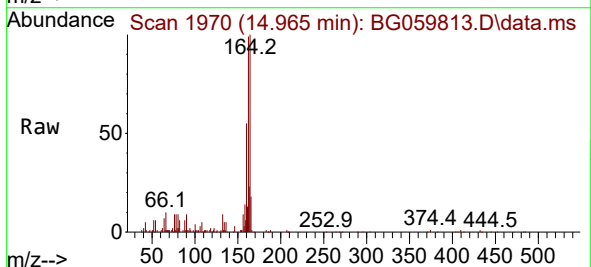
Instrument :
BNA_G
ClientSampleId :
TP-6

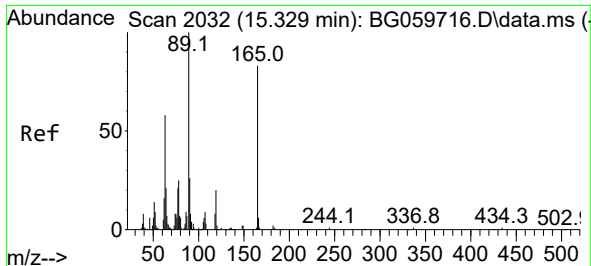
Tgt Ion:172 Resp: 670642
Ion Ratio Lower Upper
172 100
171 35.8 27.7 41.5
170 24.7 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 10.312 ng
RT: 14.965 min Scan# 1970
Delta R.T. 0.411 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

Tgt Ion:165 Resp: 15893
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 7.4 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 6.706 ng

RT: 14.965 min Scan# 1970

Delta R.T. -0.365 min

Lab File: BG059813.D

Acq: 22 Nov 2023 5:13

Instrument :

BNA_G

ClientSampleId :

TP-6

Tgt Ion:165 Resp: 15893

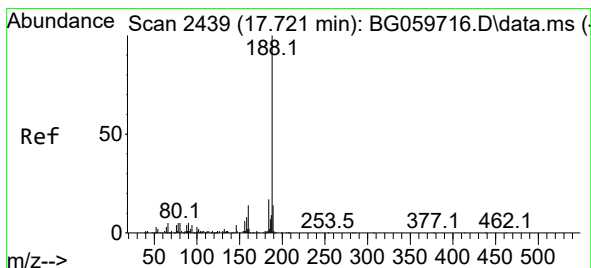
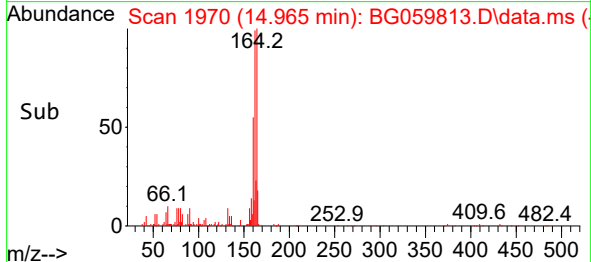
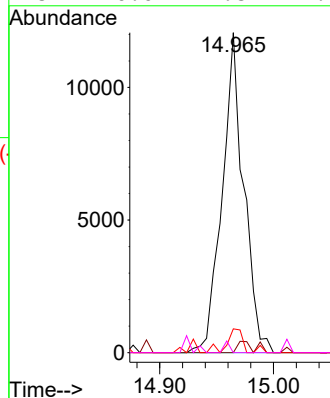
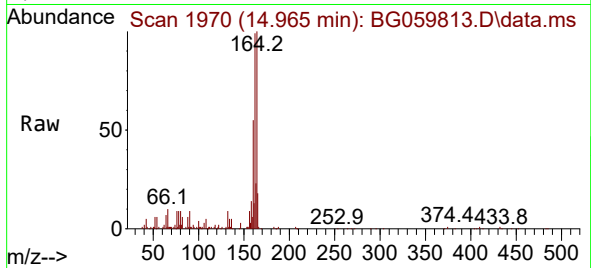
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 7.4 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.714 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG059813.D

Acq: 22 Nov 2023 5:13

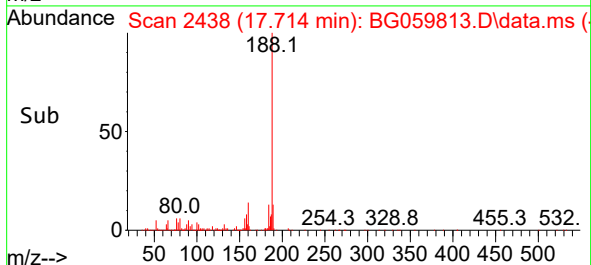
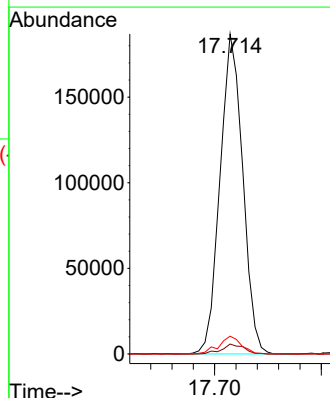
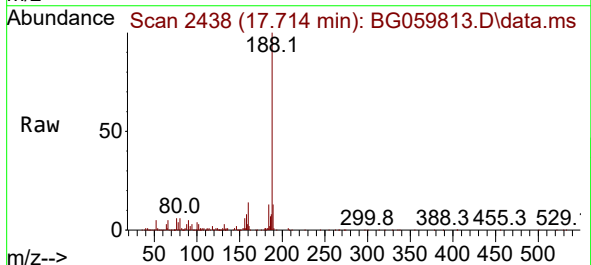
Tgt Ion:188 Resp: 275683

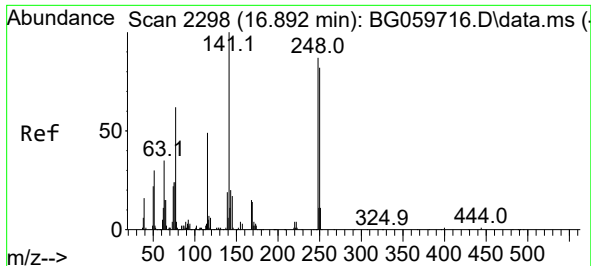
Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

80 5.6 4.2 6.4

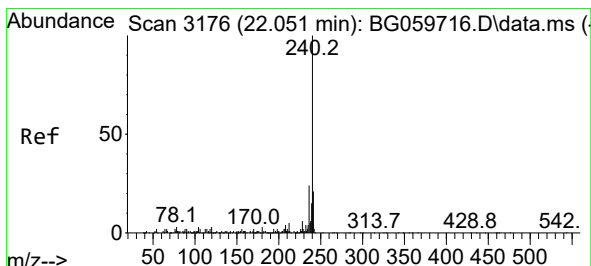
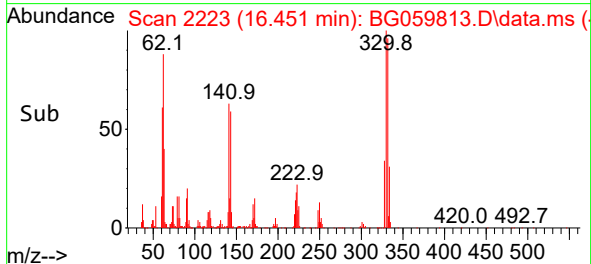
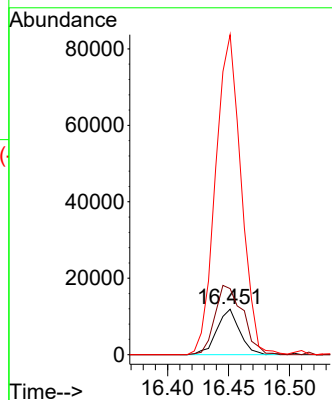
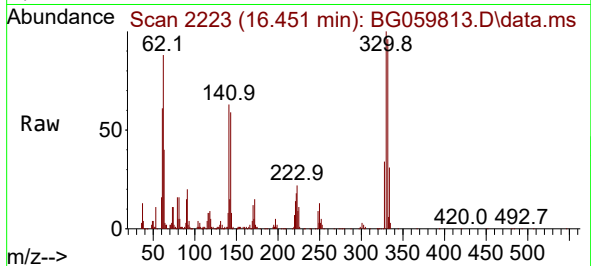




#67
4-Bromophenyl-phenylether
Concen: 5.276 ng
RT: 16.451 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

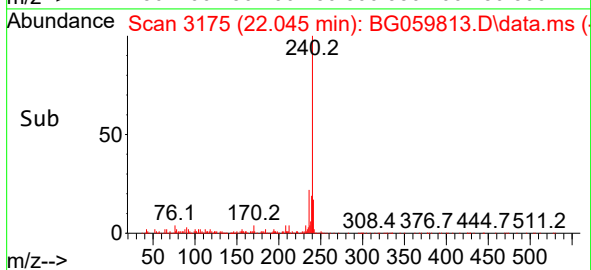
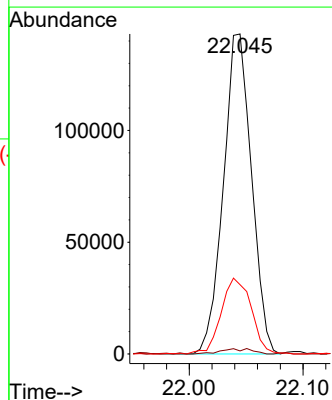
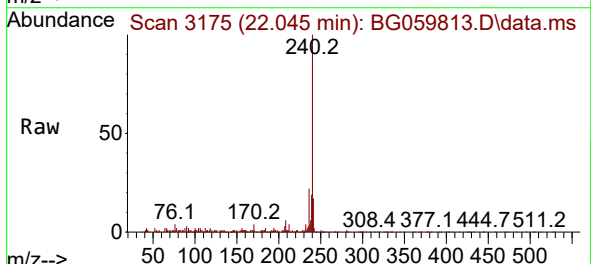
Instrument :
BNA_G
ClientSampleId :
TP-6

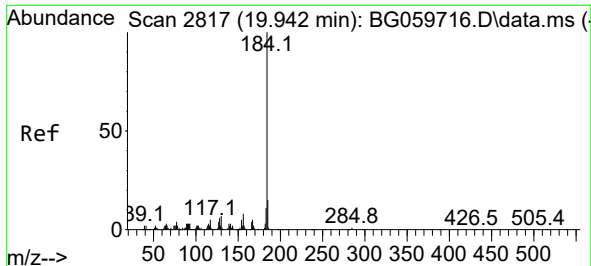
Tgt Ion:248 Resp: 15626
Ion Ratio Lower Upper
248 100
250 145.5 75.2 112.8#
141 705.0 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.045 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

Tgt Ion:240 Resp: 245969
Ion Ratio Lower Upper
240 100
120 0.9 2.2 3.2#
236 21.7 19.4 29.2

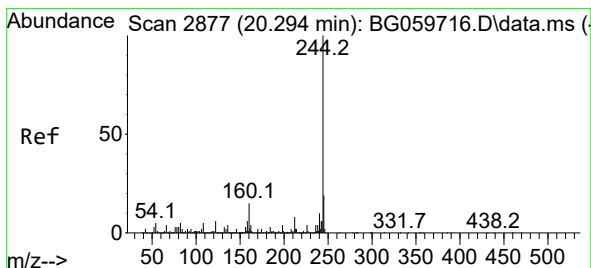
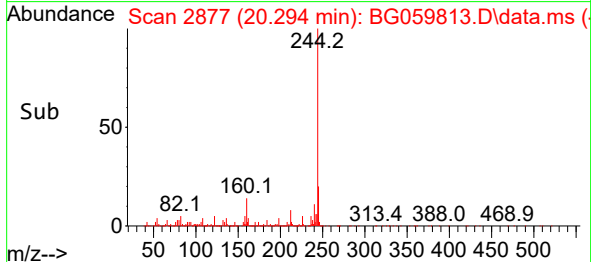
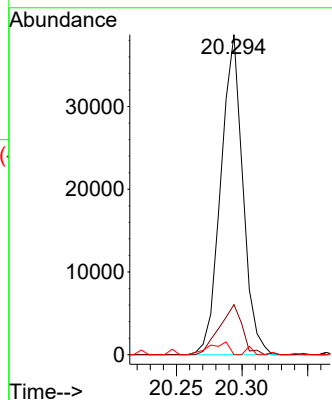
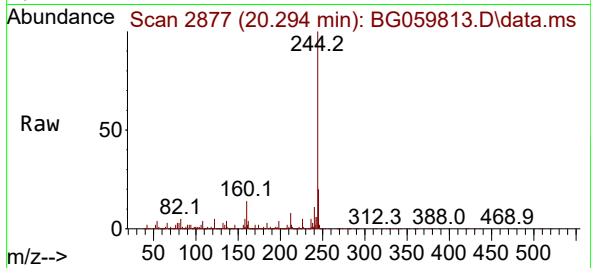




#77
Benzidine
Concen: 8.067 ng
RT: 20.294 min Scan# 2877
Delta R.T. 0.352 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

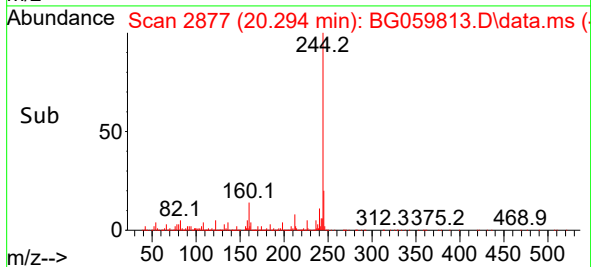
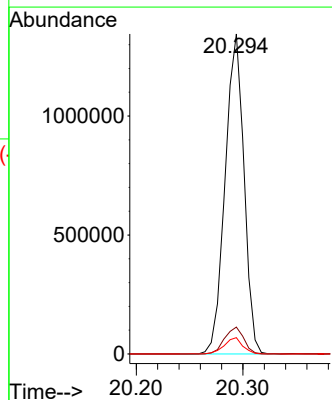
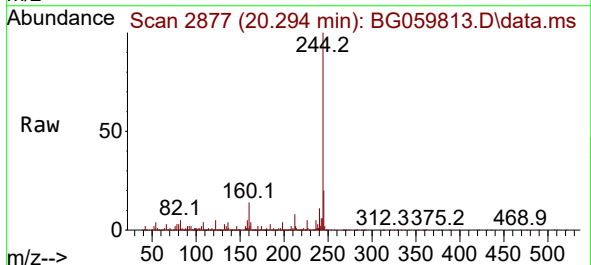
Instrument :
BNA_G
ClientSampleId :
TP-6

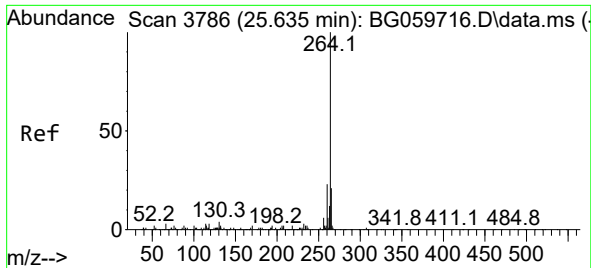
Tgt Ion:184 Resp: 44996
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 99.035 ng
RT: 20.294 min Scan# 2877
Delta R.T. -0.000 min
Lab File: BG059813.D
Acq: 22 Nov 2023 5:13

Tgt Ion:244 Resp: 1650095
Ion Ratio Lower Upper
244 100
212 8.4 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: BG059813.D
 Acq: 22 Nov 2023 5:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:264 Resp: 272177
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 21.4 17.0 25.6

