

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059786.D
 Acq On : 21 Nov 2023 10:27
 Operator : MA/JU
 Sample : PB156974BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB156974BL

Quant Time: Nov 21 11:40:24 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)

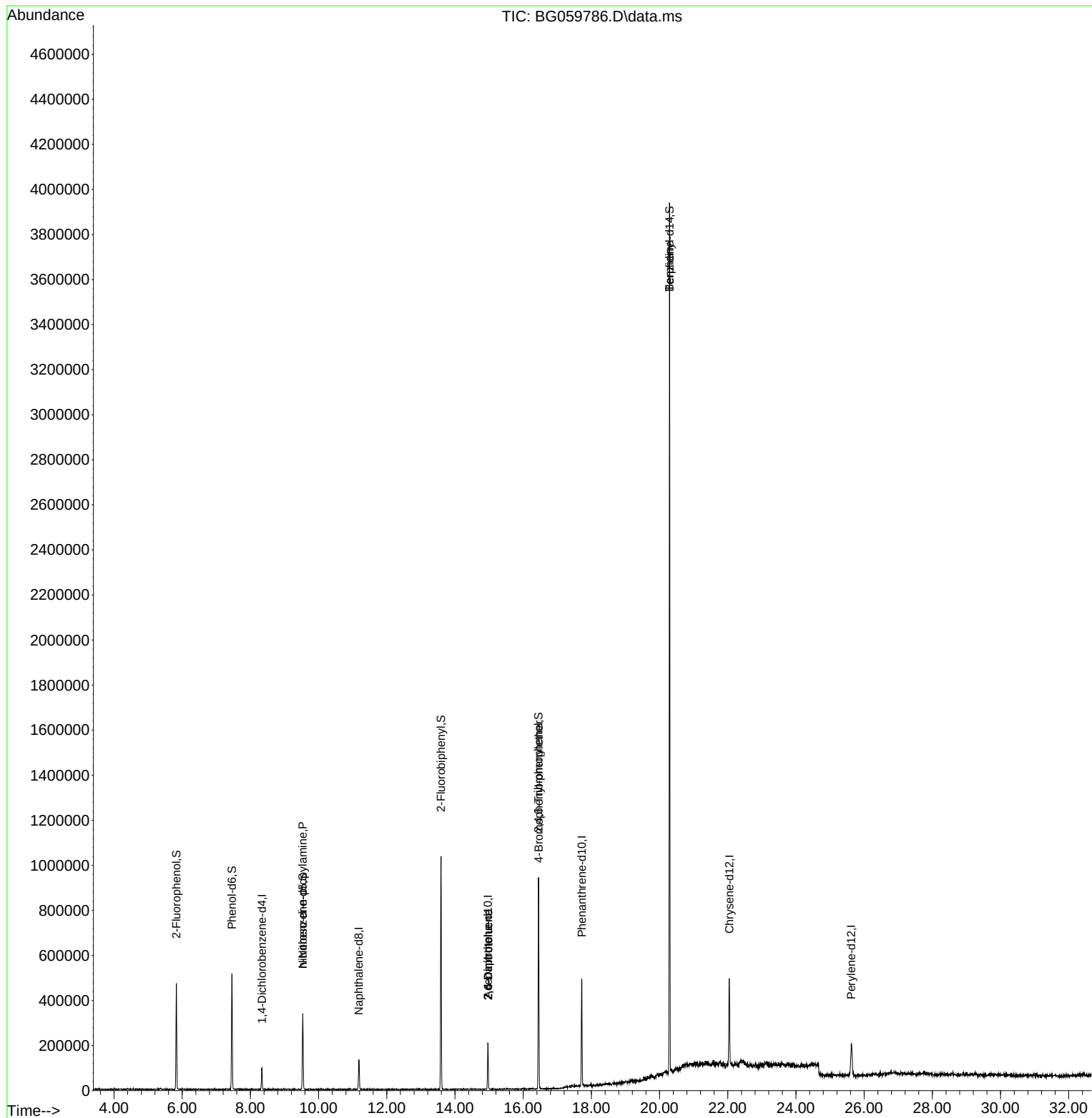
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	19454	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	92745	20.000	ng	#-0.01
39) Acenaphthene-d10	14.963	164	68521	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	269444	20.000	ng	0.00
76) Chrysene-d12	22.043	240	217130	20.000	ng	# 0.00
86) Perylene-d12	25.621	264	165549	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	157018	135.850	ng	0.00
7) Phenol-d6	7.455	99	228868	133.621	ng	0.00
23) Nitrobenzene-d5	9.534	82	212581	87.540	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	121732	156.577	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	438593	86.158	ng	0.00
79) Terphenyl-d14	20.292	244	1486440	101.062	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.534	70	31090	23.050	ng	# 81
51) 2,6-Dinitrotoluene	14.969	165	9062	8.996	ng	# 3
57) 2,4-Dinitrotoluene	14.969	165	9062	5.850	ng	# 6
67) 4-Bromophenyl-phenylether	16.456	248	8701	3.006	ng	# 1
77) Benzidine	20.292	184	44814	9.102	ng	# 91

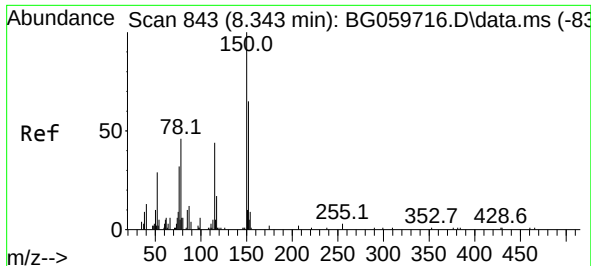
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
Data File : BG059786.D
Acq On : 21 Nov 2023 10:27
Operator : MA/JU
Sample : PB156974BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB156974BL

Quant Time: Nov 21 11:40:24 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

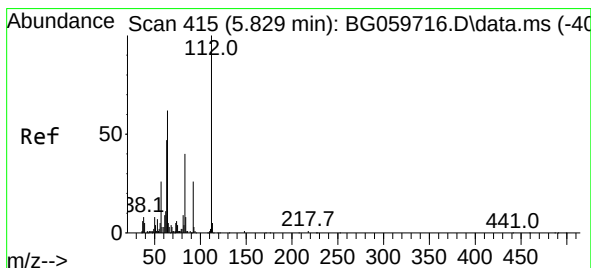
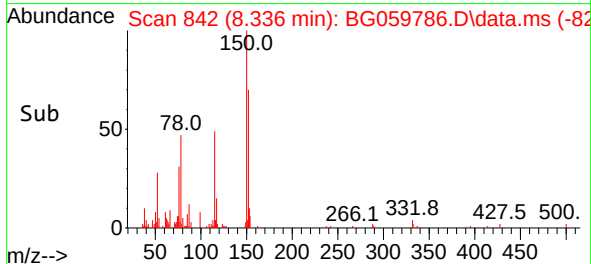
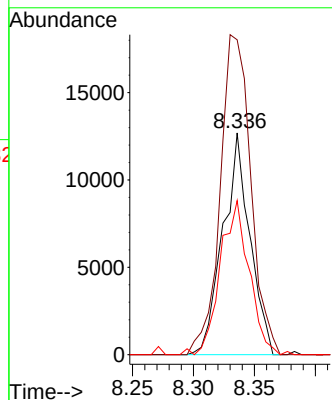
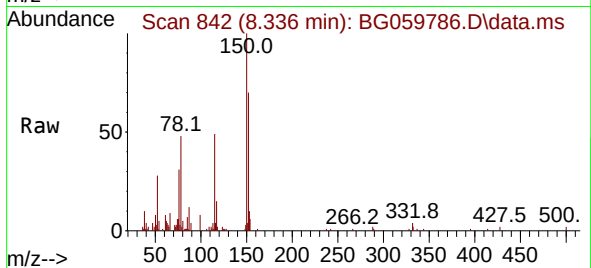




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 843
Delta R.T. -0.007 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

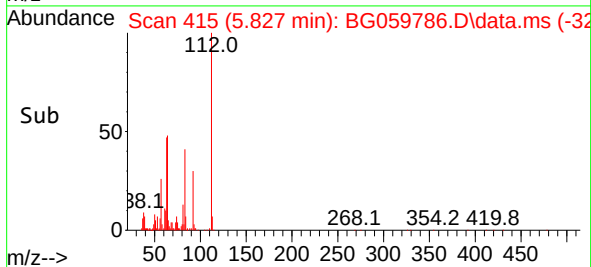
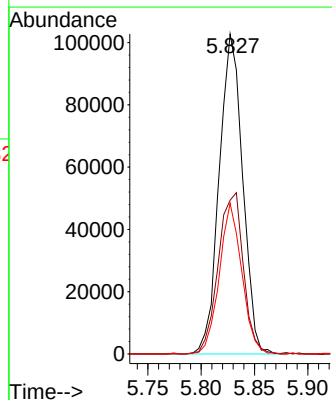
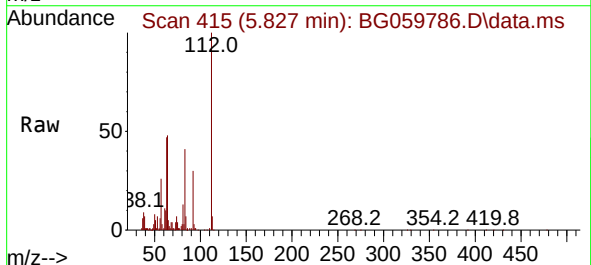
Instrument :
BNA_G
ClientSampleId :
PB156974BL

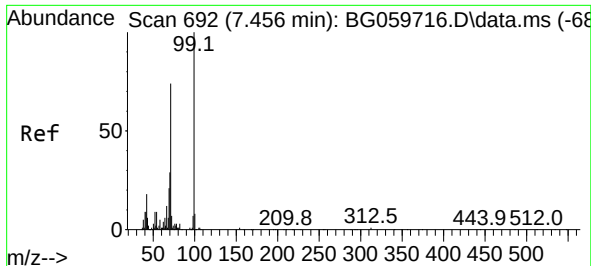
Tgt Ion:152 Resp: 19454
Ion Ratio Lower Upper
152 100
150 141.9 122.2 183.4
115 69.5 54.2 81.4



#5
2-Fluorophenol
Concen: 135.850 ng
RT: 5.827 min Scan# 415
Delta R.T. -0.002 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

Tgt Ion:112 Resp: 157018
Ion Ratio Lower Upper
112 100
64 48.1 49.5 74.3#
63 47.1 37.4 56.2

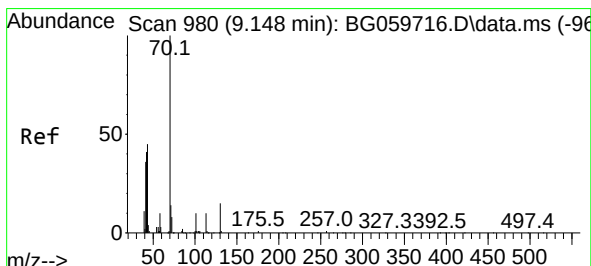
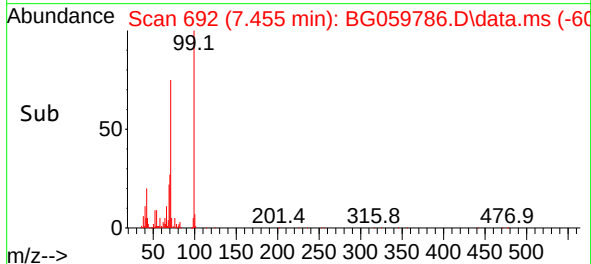
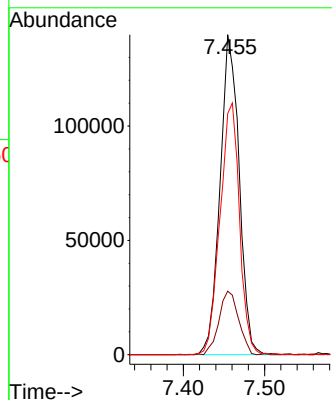
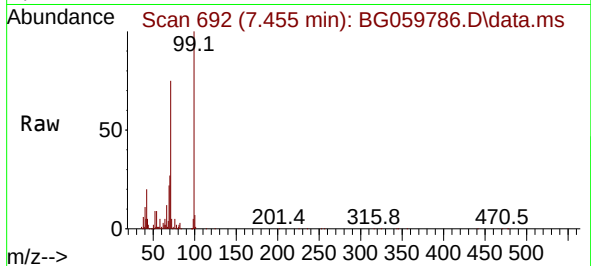




#7
Phenol-d6
Concen: 133.621 ng
RT: 7.455 min Scan# 692
Delta R.T. -0.002 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

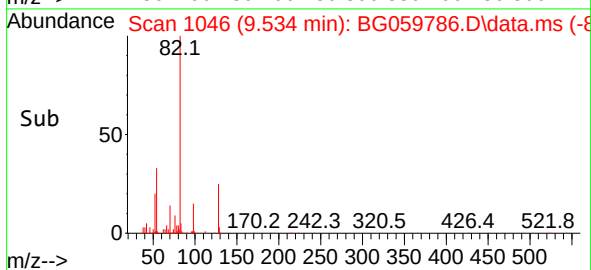
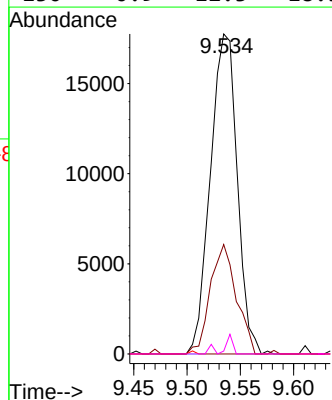
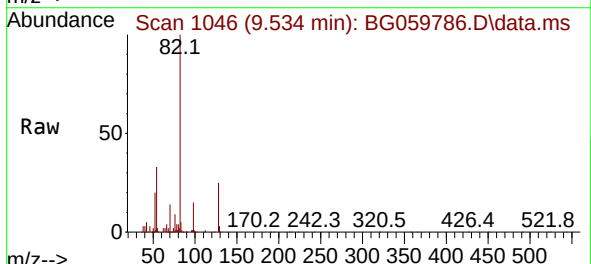
Instrument :
BNA_G
ClientSampleId :
PB156974BL

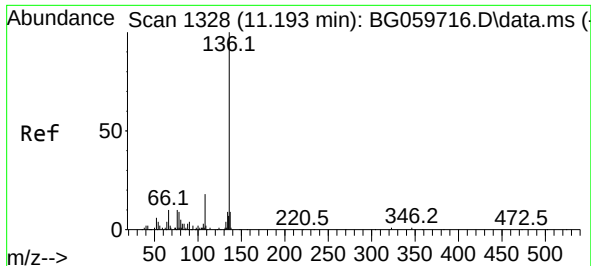
Tgt Ion: 99 Resp: 228868
Ion Ratio Lower Upper
99 100
42 19.8 14.3 21.5
71 75.4 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 23.050 ng
RT: 9.534 min Scan# 1046
Delta R.T. 0.386 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

Tgt Ion: 70 Resp: 31090
Ion Ratio Lower Upper
70 100
42 34.2 32.8 49.2
101 0.0 7.7 11.5#
130 0.9 12.3 18.5#

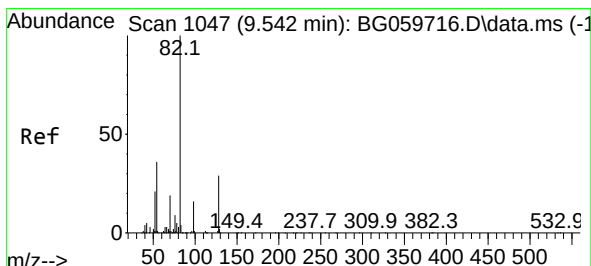
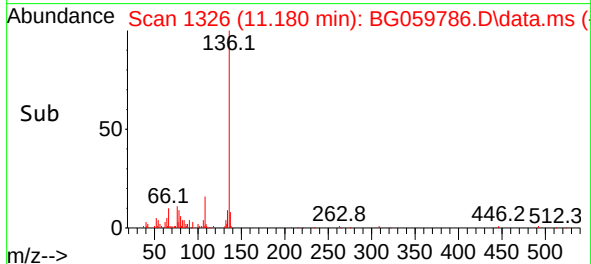
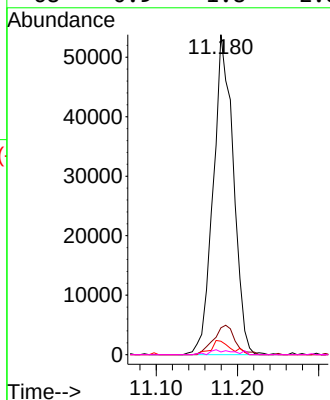
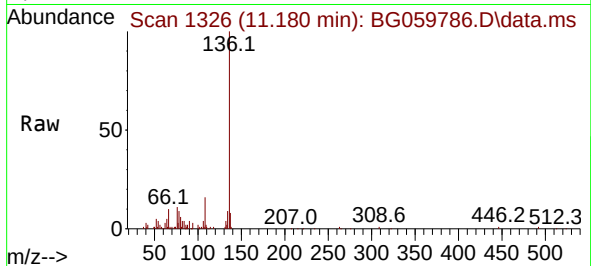




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

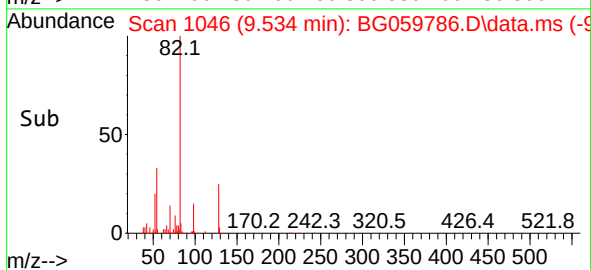
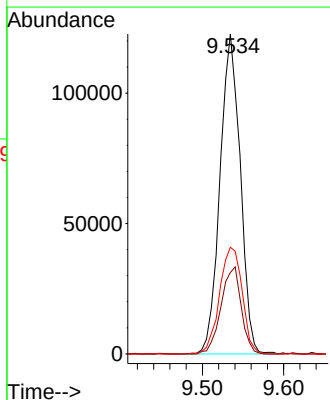
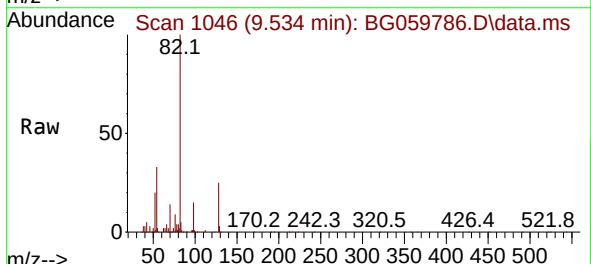
Instrument :
BNA_G
ClientSampleId :
PB156974BL

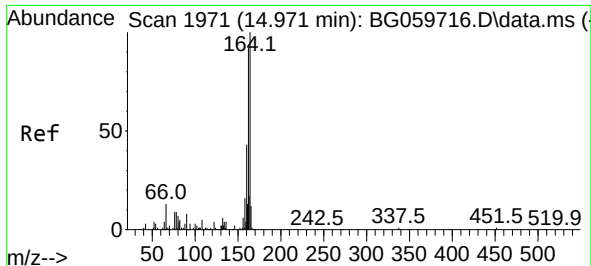
Tgt Ion:	136	Resp:	92745
Ion Ratio	Lower	Upper	
136	100		
137	8.4	7.4	11.0
54	4.2	3.1	4.7
68	0.9	1.8	2.8



#23
Nitrobenzene-d5
Concen: 87.540 ng
RT: 9.534 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

Tgt Ion:	82	Resp:	212581
Ion Ratio	Lower	Upper	
82	100		
128	25.4	23.0	34.6
54	33.4	28.7	43.1

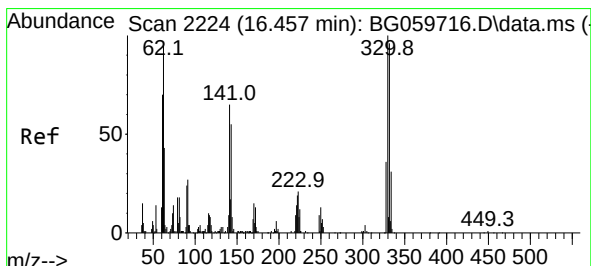
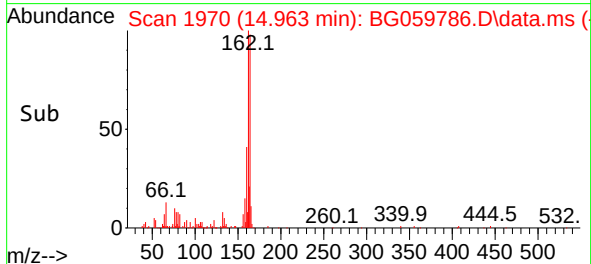
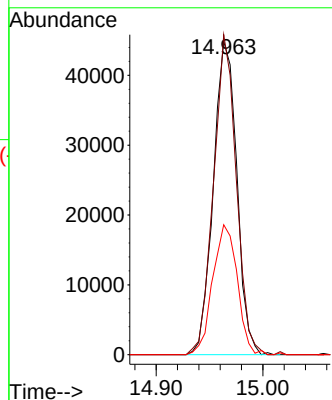
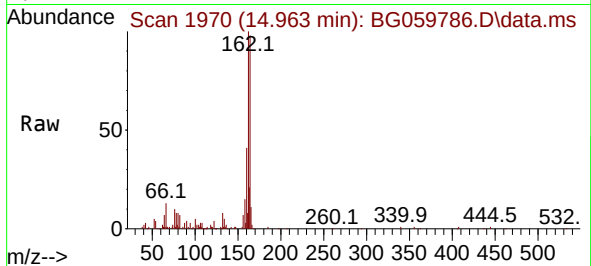




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

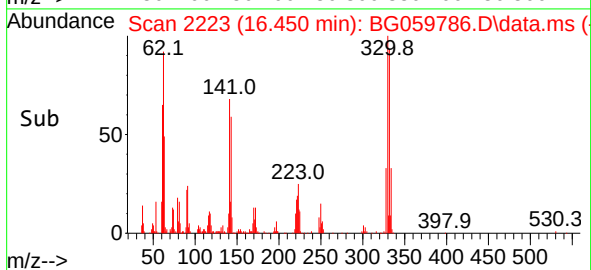
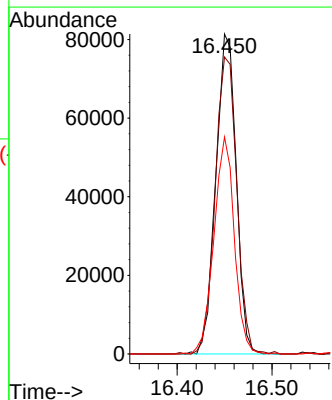
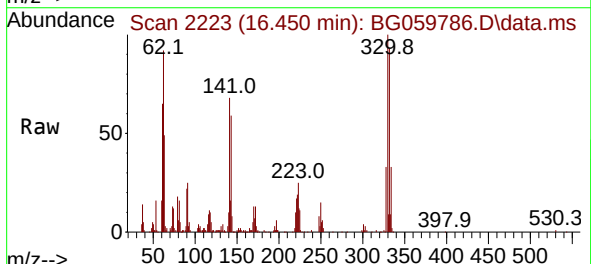
Instrument :
BNA_G
ClientSampleId :
PB156974BL

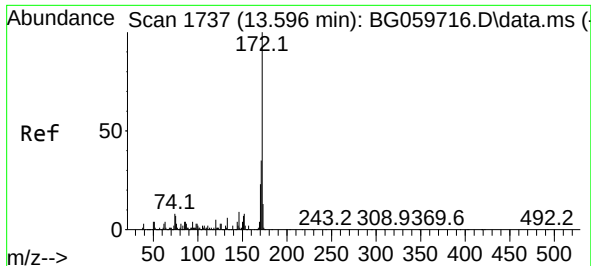
Tgt Ion:164 Resp: 68521
Ion Ratio Lower Upper
164 100
162 102.2 73.3 109.9
160 41.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 156.577 ng
RT: 16.450 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

Tgt Ion:330 Resp: 121732
Ion Ratio Lower Upper
330 100
332 98.5 73.3 109.9
141 68.1 52.1 78.1

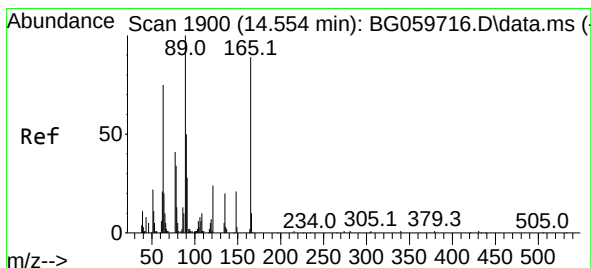
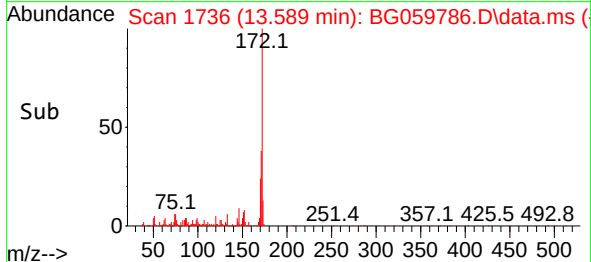
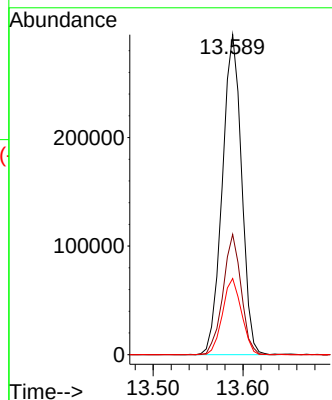
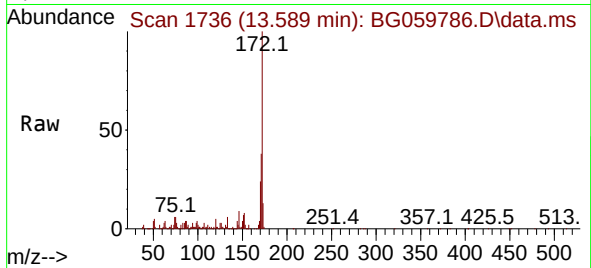




#45
2-Fluorobiphenyl
Concen: 86.158 ng
RT: 13.589 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

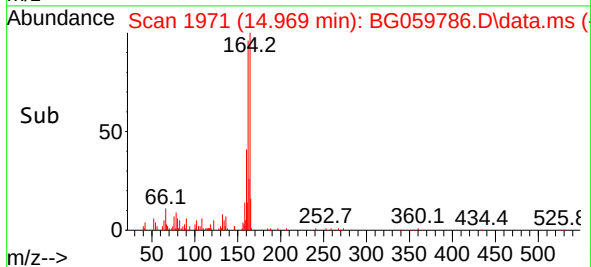
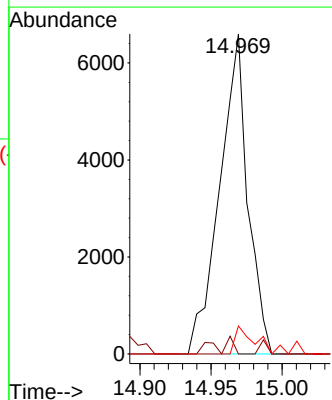
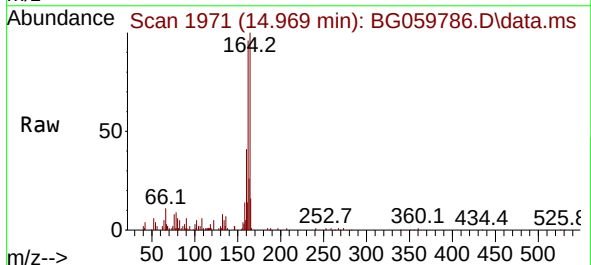
Instrument :
BNA_G
ClientSampleId :
PB156974BL

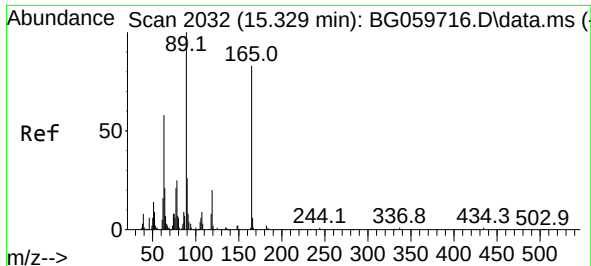
Tgt Ion:172 Resp: 438593
Ion Ratio Lower Upper
172 100
171 37.6 27.7 41.5
170 23.8 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.996 ng
RT: 14.969 min Scan# 1971
Delta R.T. 0.415 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

Tgt Ion:165 Resp: 9062
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 8.7 90.9 136.3#

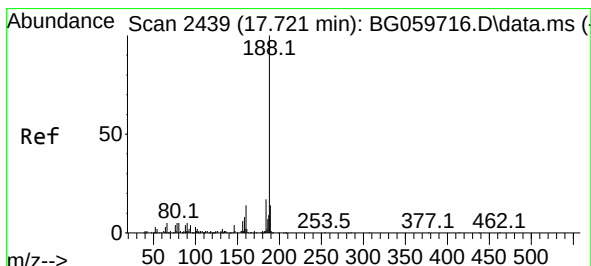
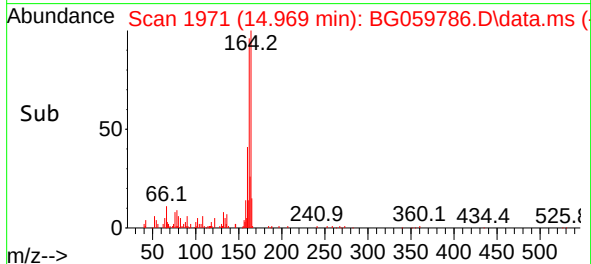
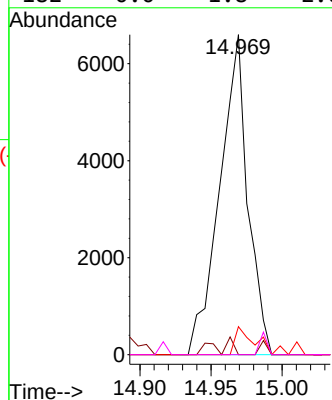
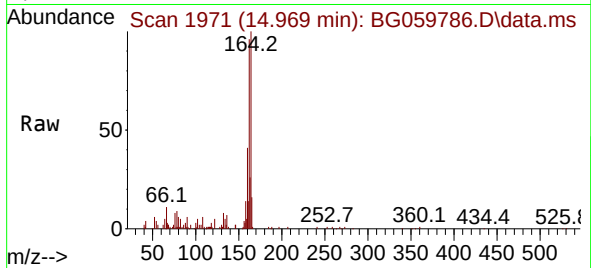




#57
2,4-Dinitrotoluene
Concen: 5.850 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.360 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

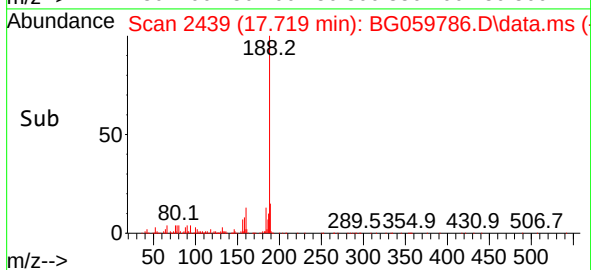
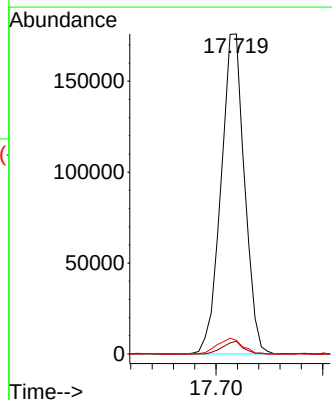
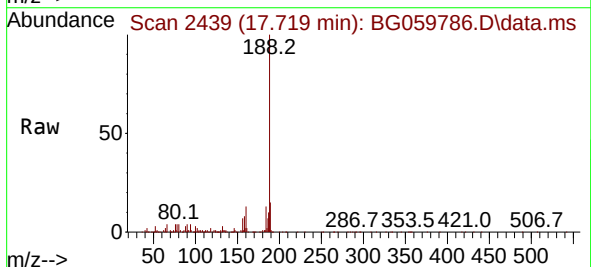
Instrument :
BNA_G
ClientSampleId :
PB156974BL

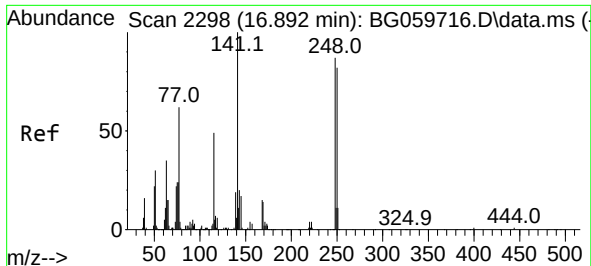
Tgt Ion:165 Resp: 9062
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 8.7 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

Tgt Ion:188 Resp: 269444
Ion Ratio Lower Upper
188 100
94 4.0 3.0 4.4
80 4.3 4.2 6.4

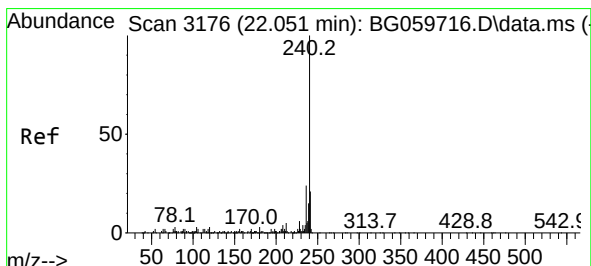
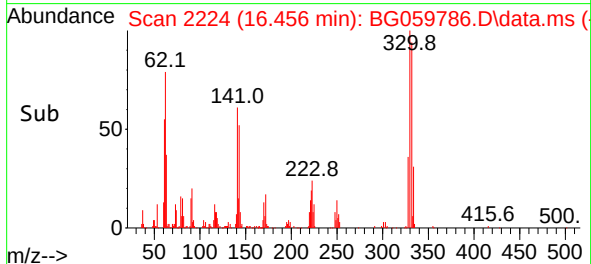
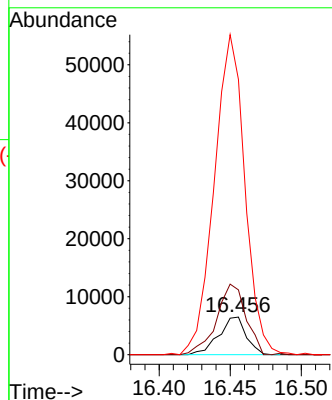
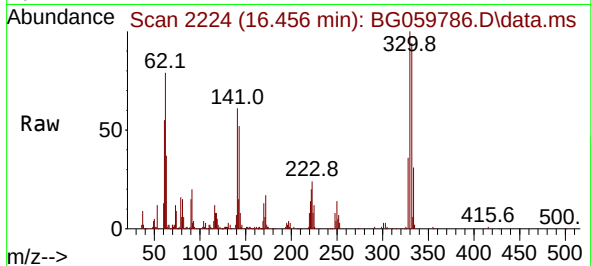




#67
4-Bromophenyl-phenylether
Concen: 3.006 ng
RT: 16.456 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

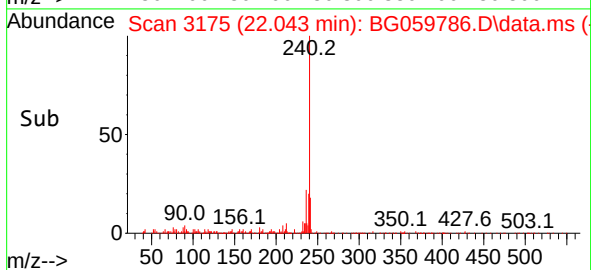
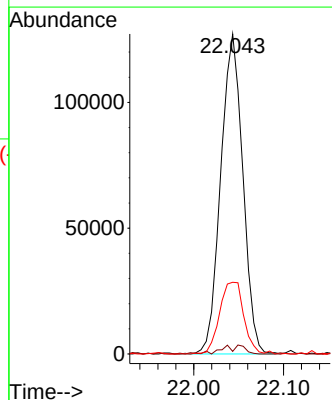
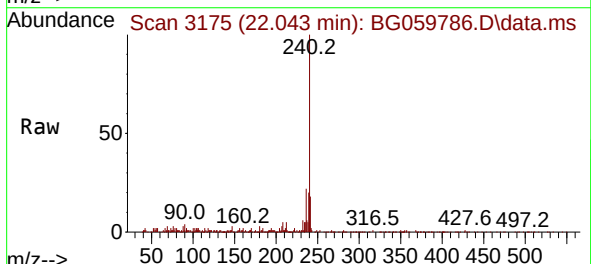
Instrument :
BNA_G
ClientSampleId :
PB156974BL

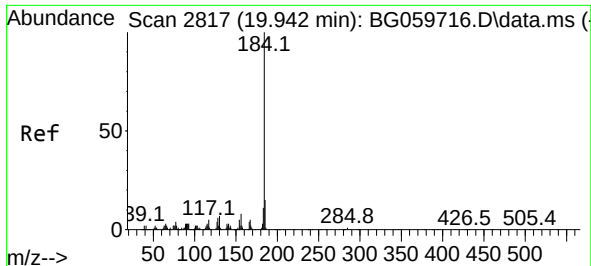
Tgt Ion:248 Resp: 8701
Ion Ratio Lower Upper
248 100
250 172.5 75.2 112.8#
141 732.4 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

Tgt Ion:240 Resp: 217130
Ion Ratio Lower Upper
240 100
120 1.9 2.2 3.2#
236 22.4 19.4 29.2

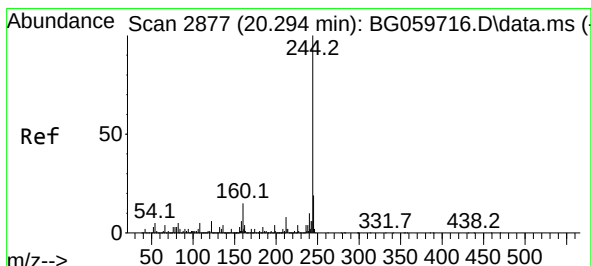
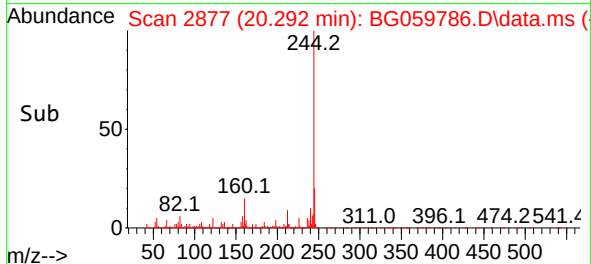
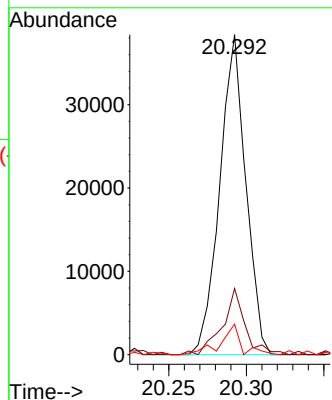
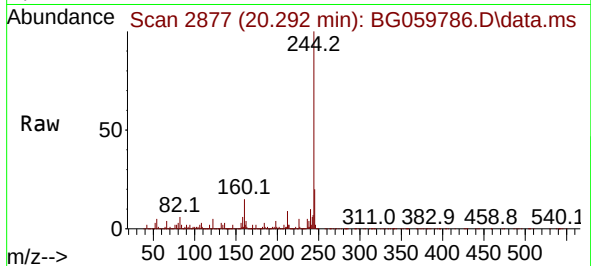




#77
Benzidine
Concen: 9.102 ng
RT: 20.292 min Scan# 2817
Delta R.T. 0.351 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

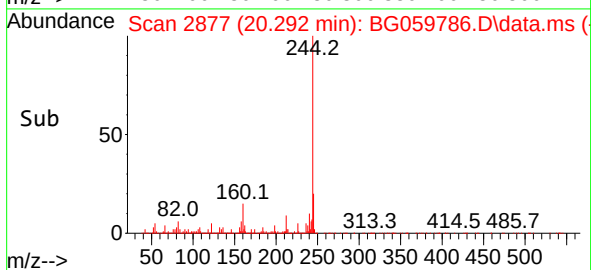
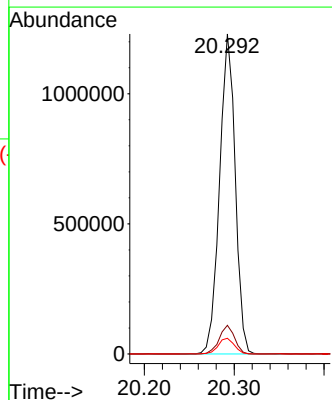
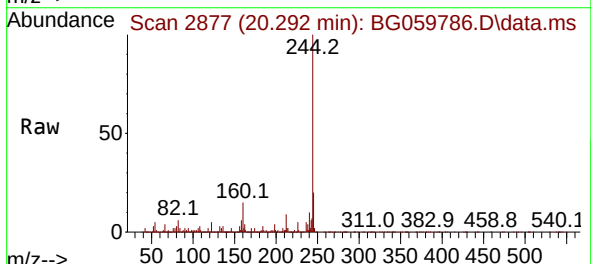
Instrument :
BNA_G
ClientSampleId :
PB156974BL

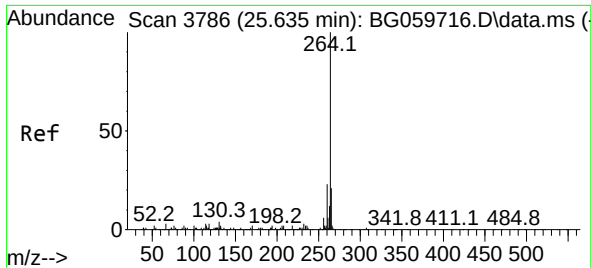
Tgt Ion:184 Resp: 44814
Ion Ratio Lower Upper
184 100
185 20.7 12.2 18.2#
183 9.6 8.8 13.2



#79
Terphenyl-d14
Concen: 101.062 ng
RT: 20.292 min Scan# 2877
Delta R.T. -0.002 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

Tgt Ion:244 Resp: 1486440
Ion Ratio Lower Upper
244 100
212 9.0 6.6 10.0
122 4.9 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.621 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG059786.D
Acq: 21 Nov 2023 10:27

Instrument :
BNA_G
ClientSampleId :
PB156974BL

Tgt Ion:264 Resp: 165549

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	19.8	17.0	25.6

