

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059816.D
 Acq On : 22 Nov 2023 13:13
 Operator : MA/JU
 Sample : PB157329BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157200TB

Quant Time: Nov 22 13:56:55 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)

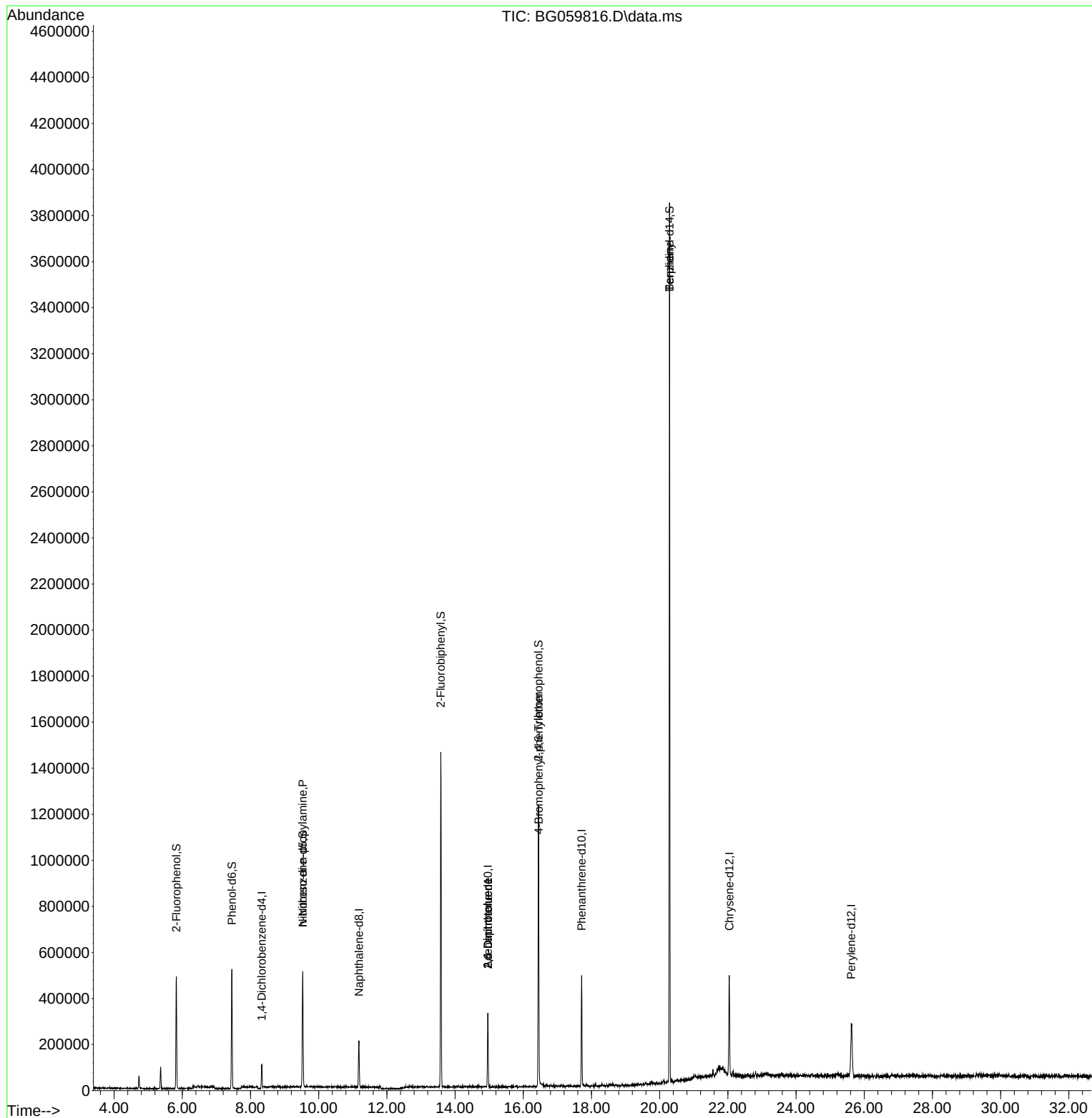
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	21975	20.000	ng	#-0.01
21) Naphthalene-d8	11.184	136	145658	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	101241	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	264507	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	254294	20.000	ng	# 0.00
86) Perylene-d12	25.620	264	271287	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	170721	130.761	ng	0.00
7) Phenol-d6	7.453	99	229774	118.761	ng	0.00
23) Nitrobenzene-d5	9.533	82	316730	83.048	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	178501	155.393	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	614404	81.688	ng	-0.01
79) Terphenyl-d14	20.291	244	1579340	91.685	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.533	70	51192	33.599	ng	# 82
51) 2,6-Dinitrotoluene	14.962	165	13211	8.876	ng	# 1
57) 2,4-Dinitrotoluene	14.962	165	13211	5.772	ng	# 3
67) 4-Bromophenyl-phenylether	16.455	248	13824	4.865	ng	# 1
77) Benzidine	20.291	184	43421	7.530	ng	# 94

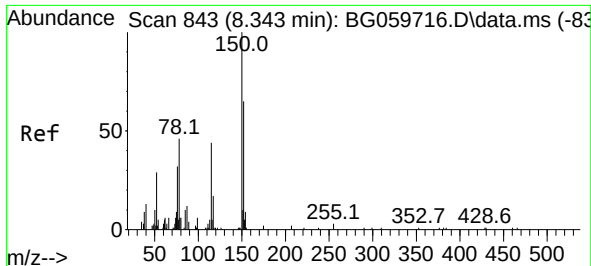
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059816.D
Acq On : 22 Nov 2023 13:13
Operator : MA/JU
Sample : PB157329BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB157200TB

Quant Time: Nov 22 13:56:55 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

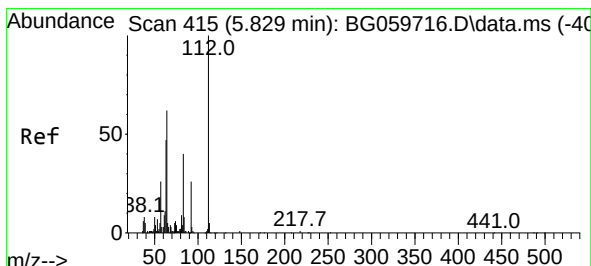
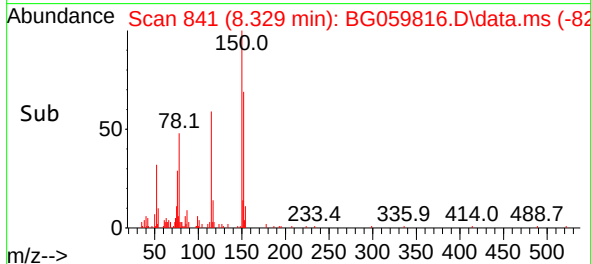
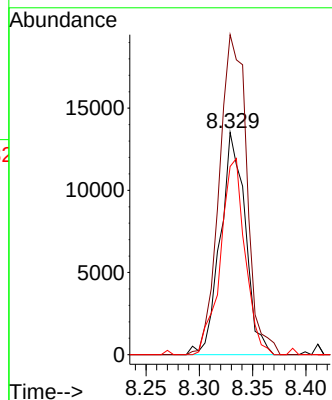
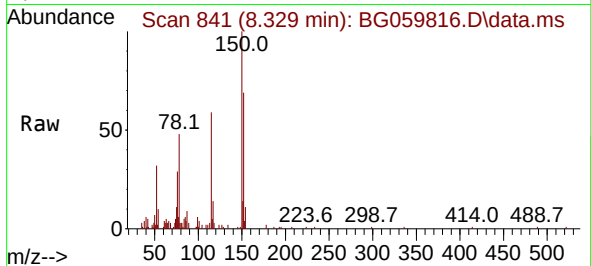




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 84
Delta R.T. -0.014 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

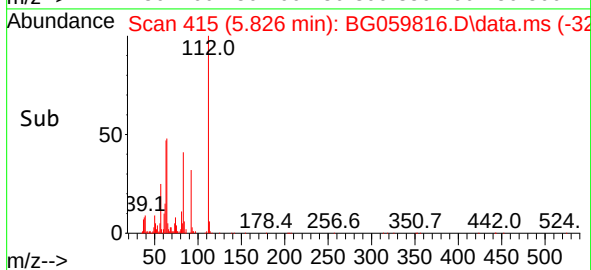
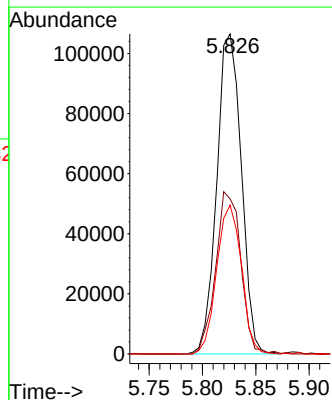
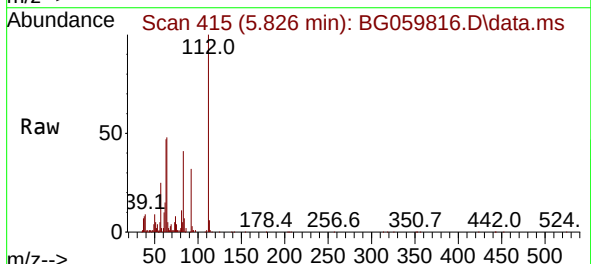
Instrument :
BNA_G
ClientSampleId :
PB157200TB

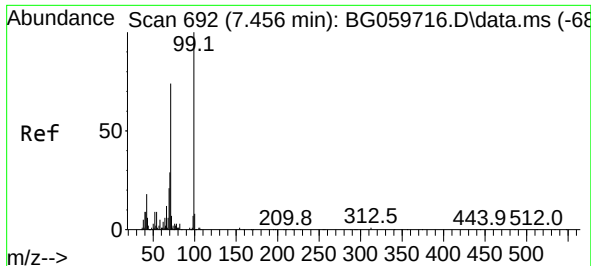
Tgt Ion:152 Resp: 21975
Ion Ratio Lower Upper
152 100
150 144.0 122.2 183.4
115 84.7 54.2 81.4#



#5
2-Fluorophenol
Concen: 130.761 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion:112 Resp: 170721
Ion Ratio Lower Upper
112 100
64 48.5 49.5 74.3#
63 46.5 37.4 56.2

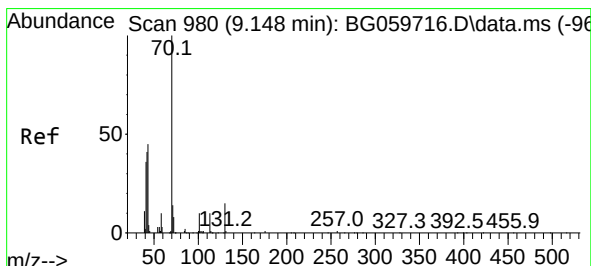
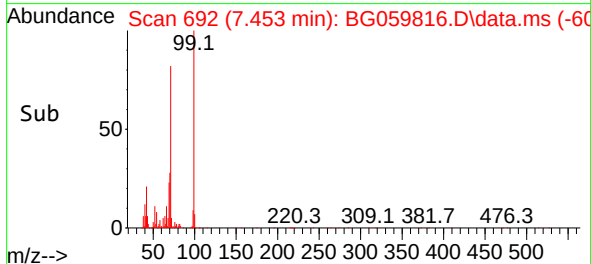
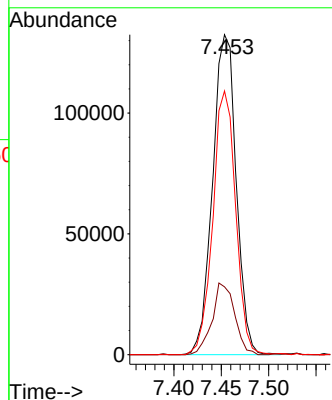
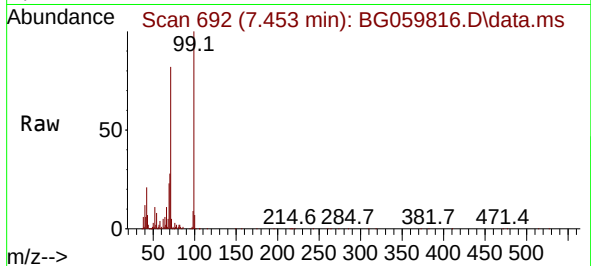




#7
Phenol-d6
Concen: 118.761 ng
RT: 7.453 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

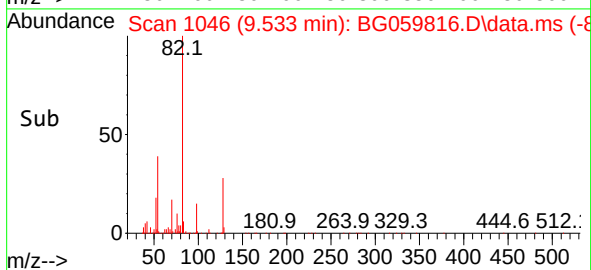
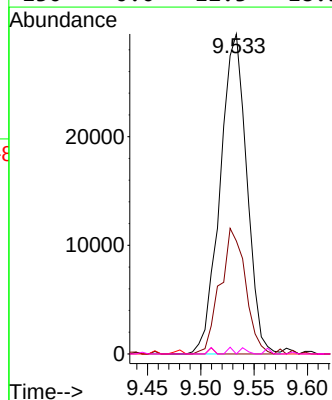
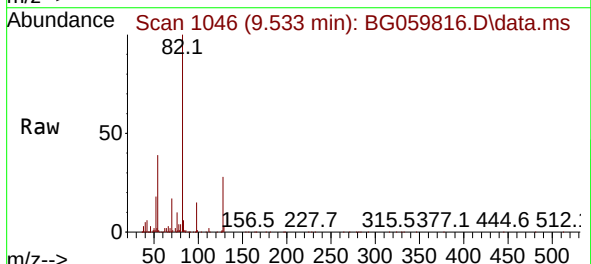
Instrument :
BNA_G
ClientSampleId :
PB157200TB

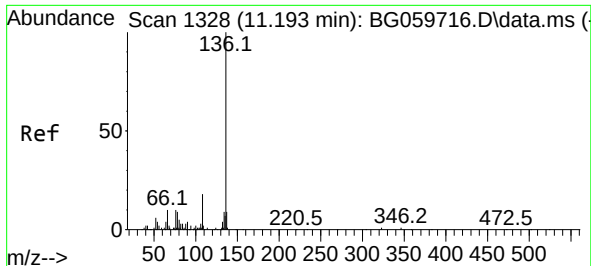
Tgt Ion: 99 Resp: 229774
Ion Ratio Lower Upper
99 100
42 21.2 14.3 21.5
71 82.4 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 33.599 ng
RT: 9.533 min Scan# 1046
Delta R.T. 0.385 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion: 70 Resp: 51192
Ion Ratio Lower Upper
70 100
42 35.3 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

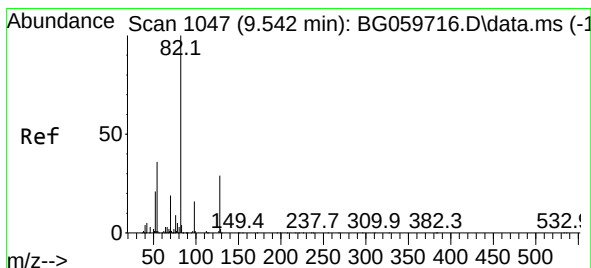
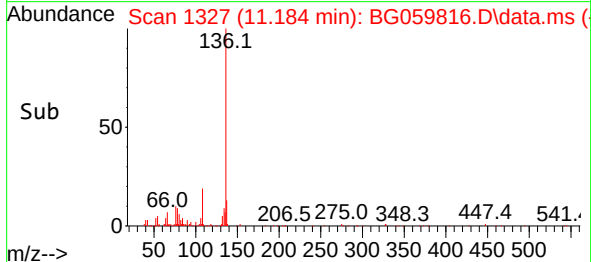
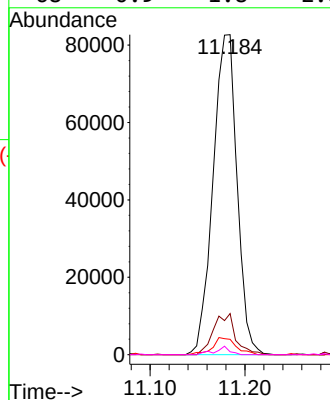
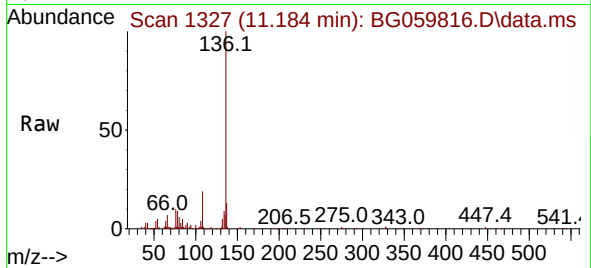




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 11184
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

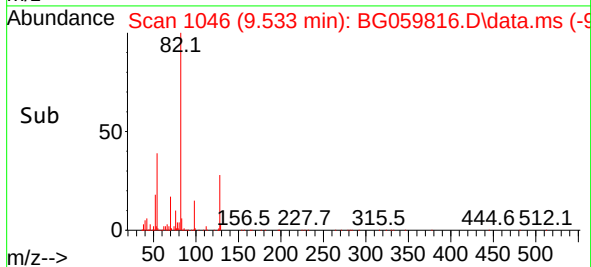
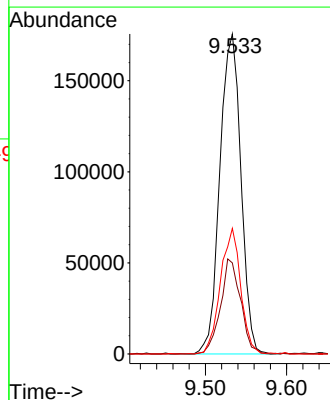
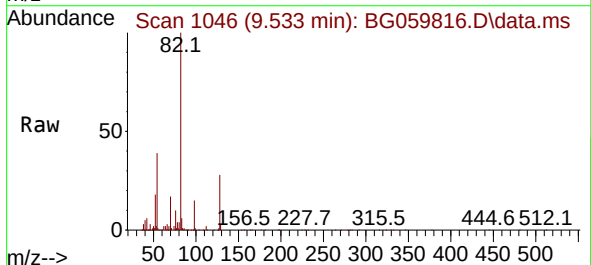
Instrument :
BNA_G
ClientSampleId :
PB157200TB

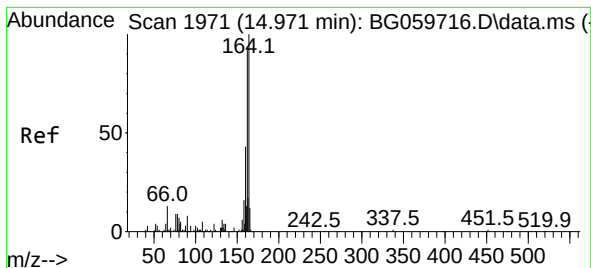
Tgt Ion:136 Resp: 145658
Ion Ratio Lower Upper
136 100
137 12.8 7.4 11.0#
54 4.8 3.1 4.7#
68 0.9 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 83.048 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion: 82 Resp: 316730
Ion Ratio Lower Upper
82 100
128 28.5 23.0 34.6
54 39.2 28.7 43.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.962 min Scan# 1970

Delta R.T. -0.009 min

Lab File: BG059816.D

Acq: 22 Nov 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB157200TB

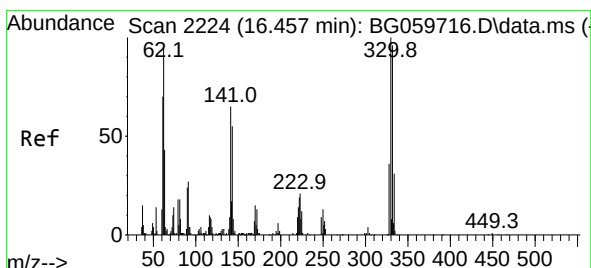
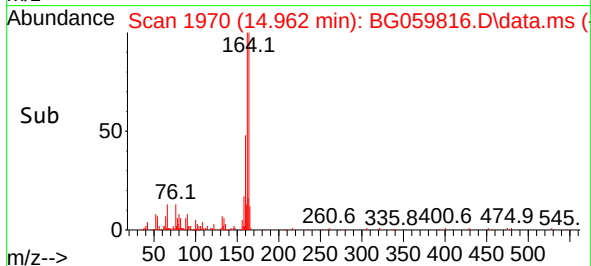
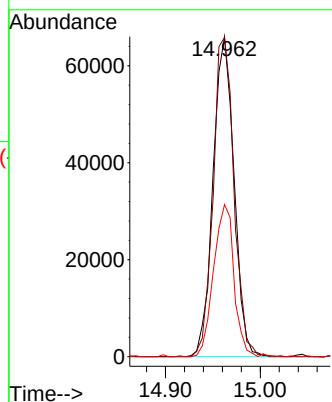
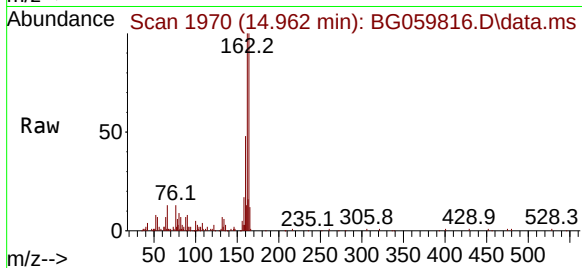
Tgt Ion:164 Resp: 101241

Ion Ratio Lower Upper

164 100

162 99.7 73.3 109.9

160 47.6 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 155.393 ng

RT: 16.449 min Scan# 2223

Delta R.T. -0.009 min

Lab File: BG059816.D

Acq: 22 Nov 2023 13:13

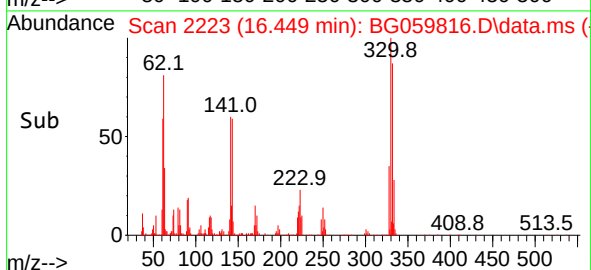
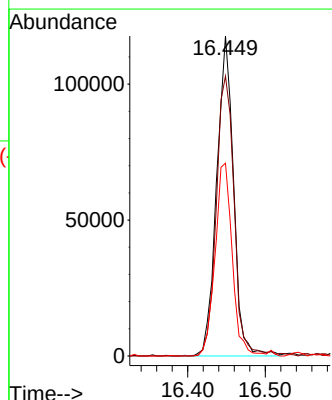
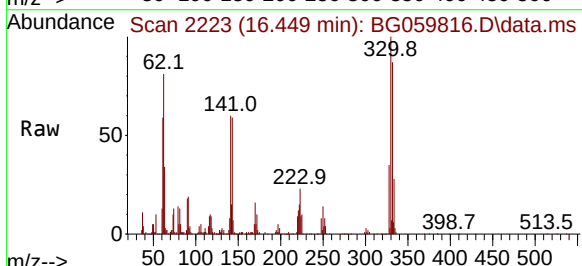
Tgt Ion:330 Resp: 178501

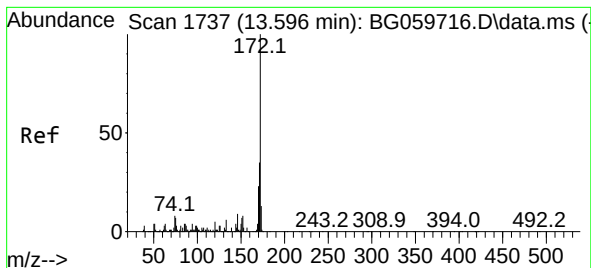
Ion Ratio Lower Upper

330 100

332 92.8 73.3 109.9

141 60.8 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 81.688 ng

RT: 13.581 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG059816.D

Acq: 22 Nov 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB157200TB

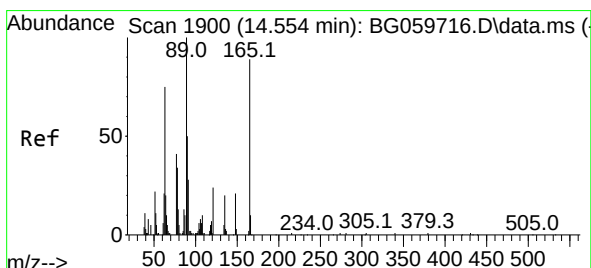
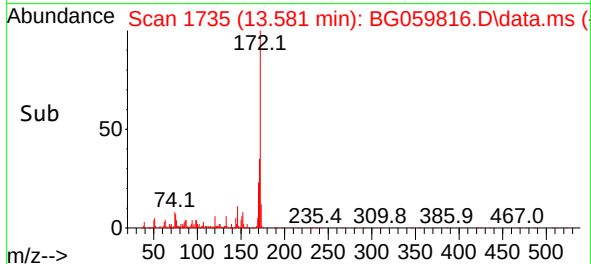
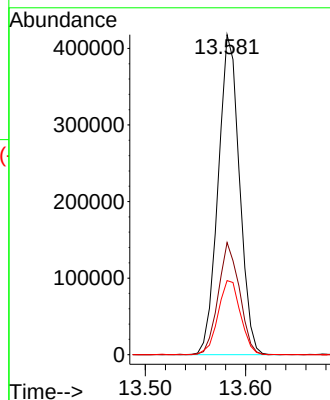
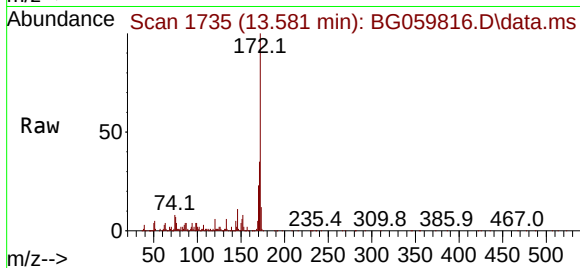
Tgt Ion:172 Resp: 614404

Ion Ratio Lower Upper

172 100

171 35.1 27.7 41.5

170 23.1 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 8.876 ng

RT: 14.962 min Scan# 1970

Delta R.T. 0.408 min

Lab File: BG059816.D

Acq: 22 Nov 2023 13:13

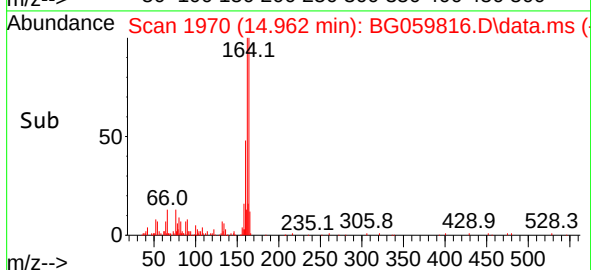
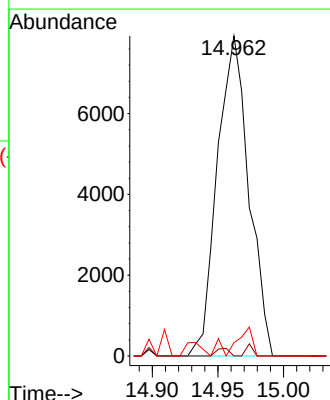
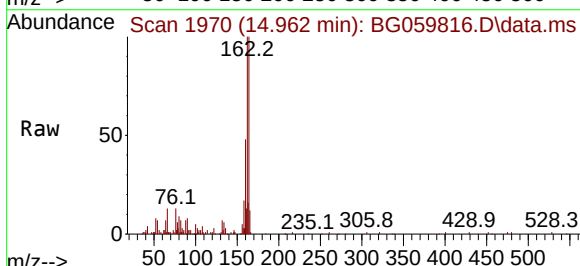
Tgt Ion:165 Resp: 13211

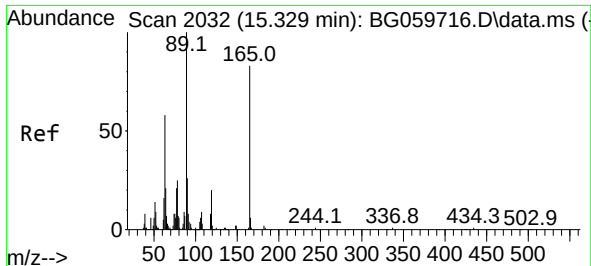
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 4.1 90.9 136.3#

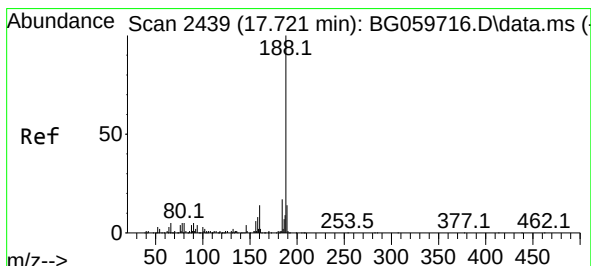
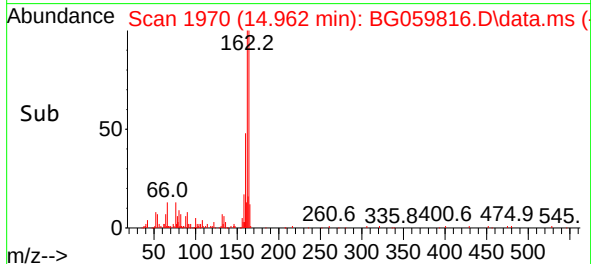
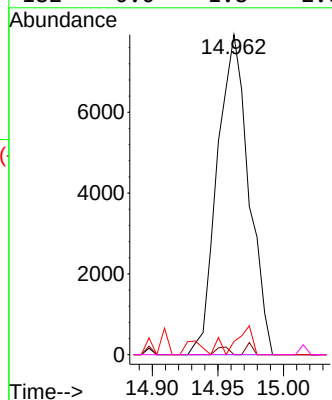
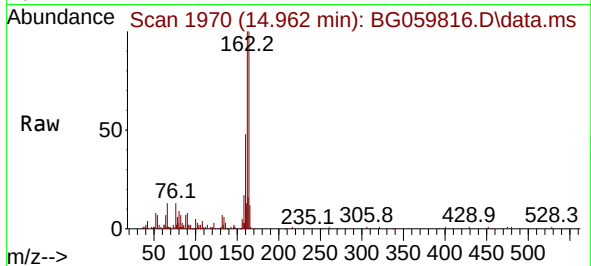




#57
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.367 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

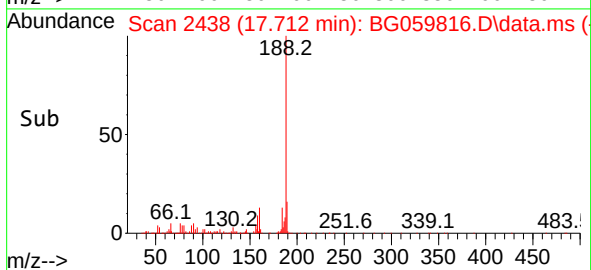
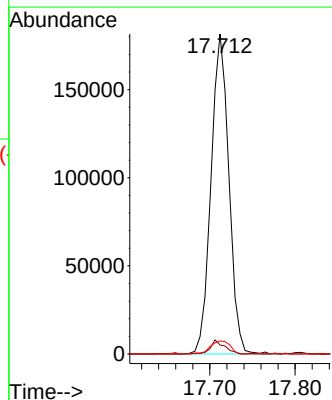
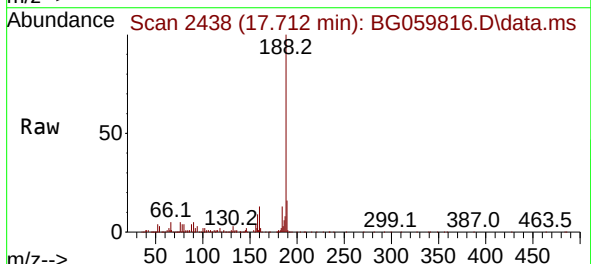
Instrument :
BNA_G
ClientSampleId :
PB157200TB

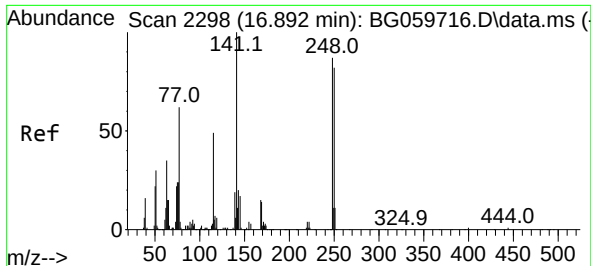
Tgt Ion:165 Resp: 13211
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 4.1 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion:188 Resp: 264507
Ion Ratio Lower Upper
188 100
94 2.8 3.0 4.4#
80 4.1 4.2 6.4#

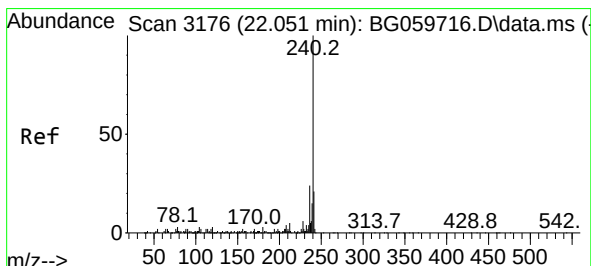
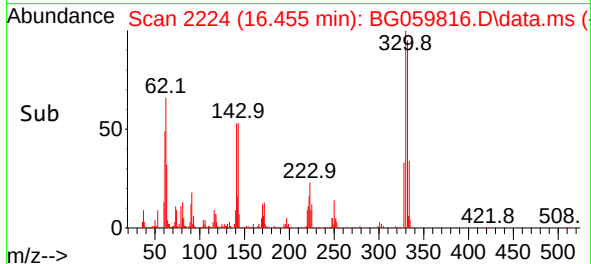
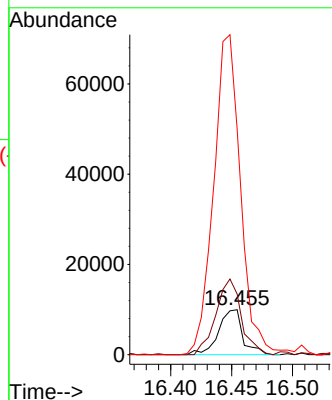
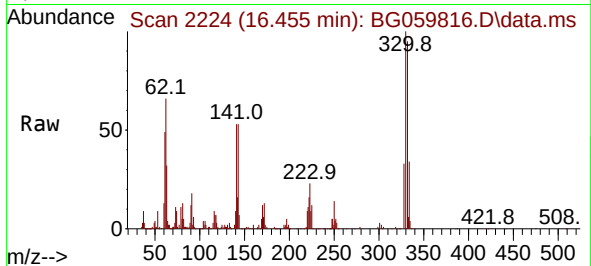




#67
4-Bromophenyl-phenylether
Concen: 4.865 ng
RT: 16.455 min Scan# 211
Delta R.T. -0.438 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

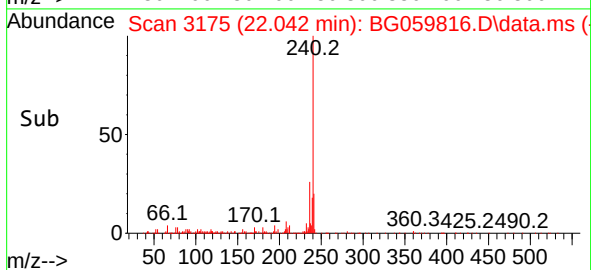
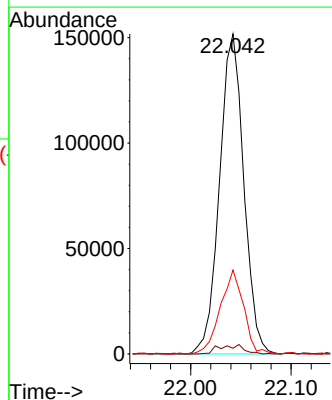
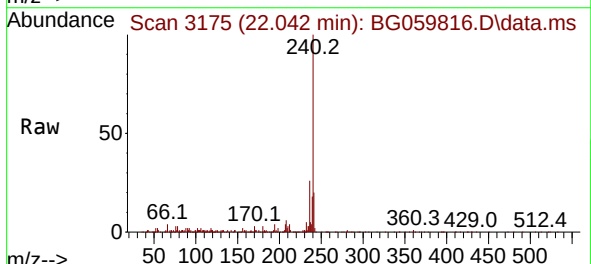
Instrument :
BNA_G
ClientSampleId :
PB157200TB

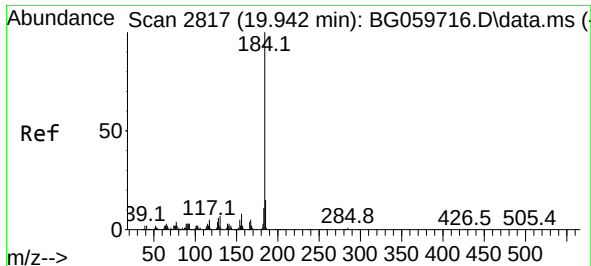
Tgt Ion:248 Resp: 13824
Ion Ratio Lower Upper
248 100
250 111.0 75.2 112.8
141 412.9 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion:240 Resp: 254294
Ion Ratio Lower Upper
240 100
120 1.8 2.2 3.2#
236 26.2 19.4 29.2

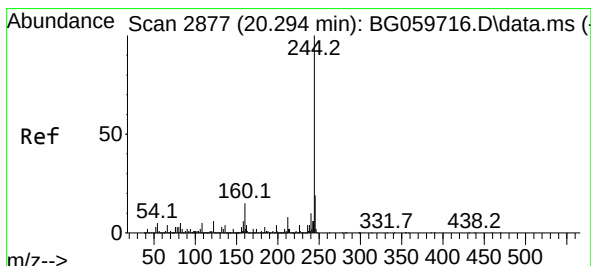
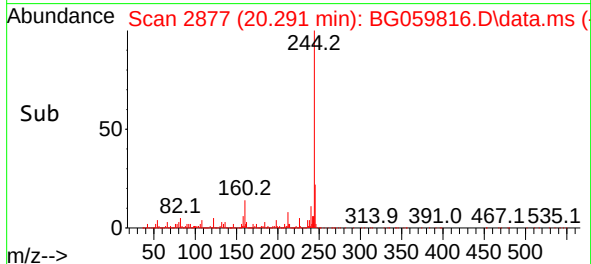
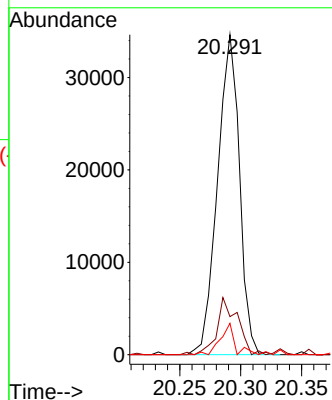
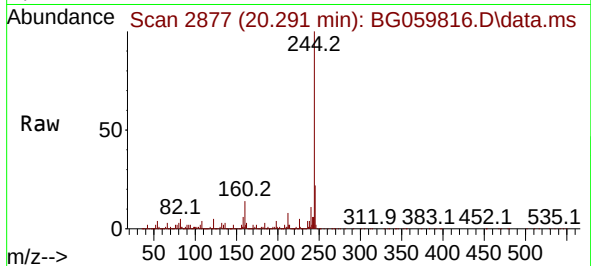




#77
Benzidine
Concen: 7.530 ng
RT: 20.291 min Scan# 2877
Delta R.T. 0.350 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

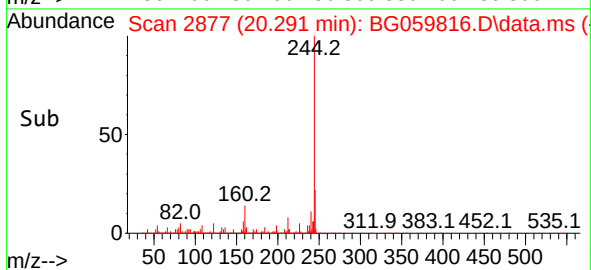
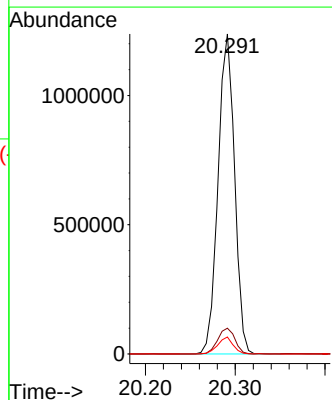
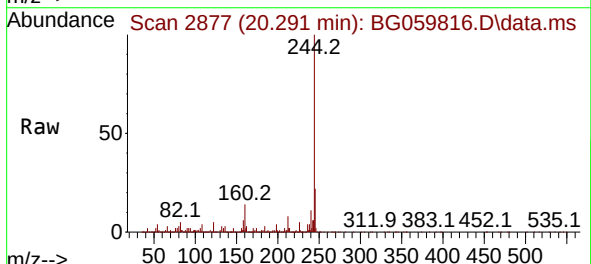
Instrument :
BNA_G
ClientSampleId :
PB157200TB

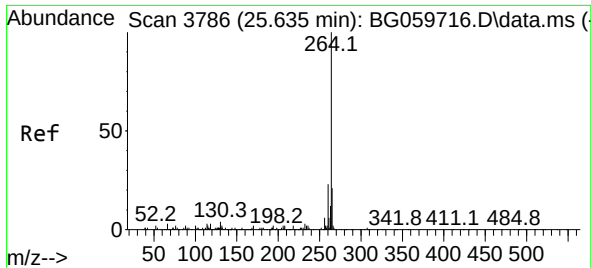
Tgt Ion:184 Resp: 43421
Ion Ratio Lower Upper
184 100
185 11.9 12.2 18.2#
183 9.8 8.8 13.2



#79
Terphenyl-d14
Concen: 91.685 ng
RT: 20.291 min Scan# 2877
Delta R.T. -0.003 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion:244 Resp: 1579340
Ion Ratio Lower Upper
244 100
212 8.0 6.6 10.0
122 5.3 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.620 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BG059816.D
 Acq: 22 Nov 2023 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB157200TB

Tgt Ion:264 Resp: 271287
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.5 27.7
 265 22.2 17.0 25.6

