

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113023\
 Data File : BG059922.D
 Acq On : 30 Nov 2023 23:20
 Operator : MA/JU
 Sample : PB157019BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157019BL

Quant Time: Dec 01 04:11:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 03:37:46 2023
 Response via : Initial Calibration

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

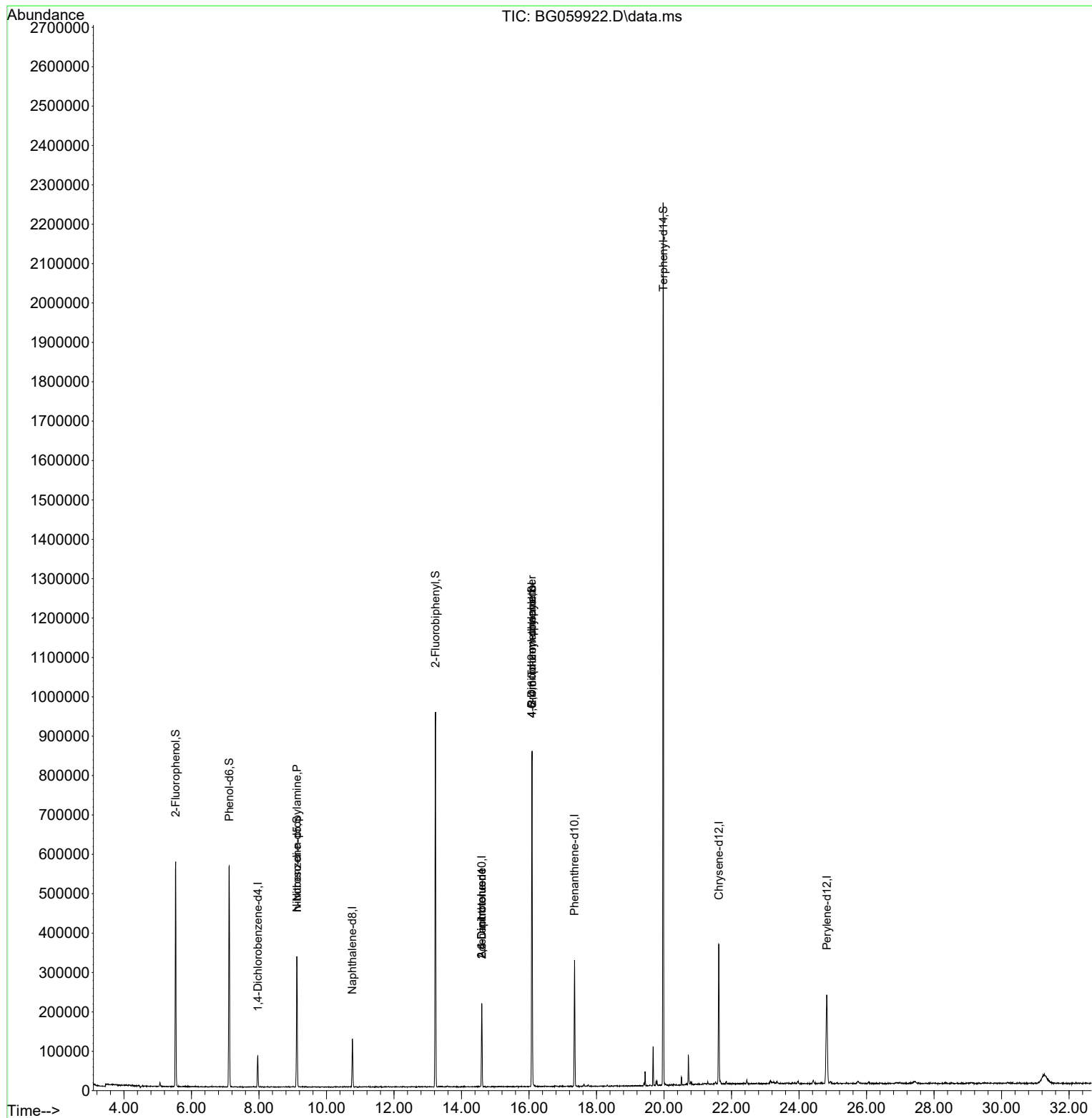
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	22695	20.000	ng	# 0.00
21) Naphthalene-d8	10.767	136	99211	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	74696	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	200336	20.000	ng	0.00
76) Chrysene-d12	21.625	240	213204	20.000	ng	0.00
86) Perylene-d12	24.821	264	250430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	231377	159.695	ng	0.00
7) Phenol-d6	7.118	99	306027	146.329	ng	0.00
23) Nitrobenzene-d5	9.122	82	175904	103.115	ng	0.00
42) 2,4,6-Tribromophenol	16.090	330	176804	154.231	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	504745	93.989	ng	0.00
79) Terphenyl-d14	19.979	244	1218821	95.060	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.122	70	22825	15.445	ng	# 87
51) 2,6-Dinitrotoluene	14.598	165	9395	9.927	ng	# 19
57) 2,4-Dinitrotoluene	14.598	165	9395	8.595	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.084	198	321	7.054	ng	# 1
67) 4-Bromophenyl-phenylether	16.084	248	11059	4.622	ng	# 1

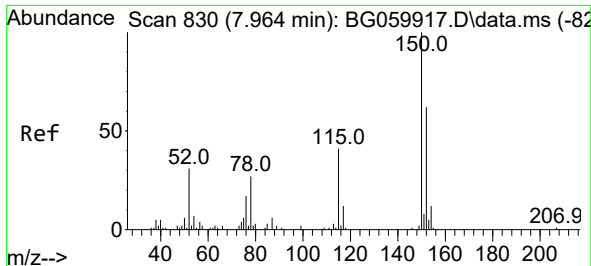
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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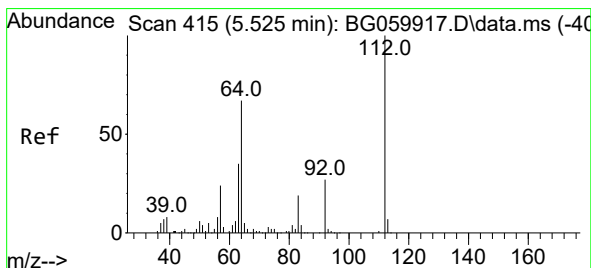
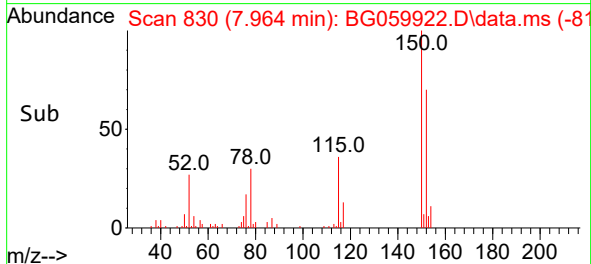
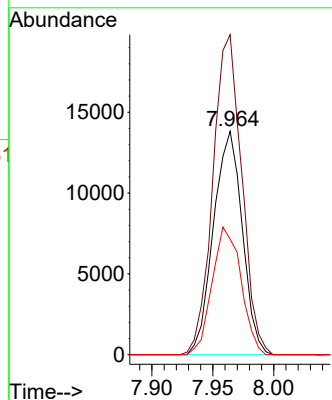
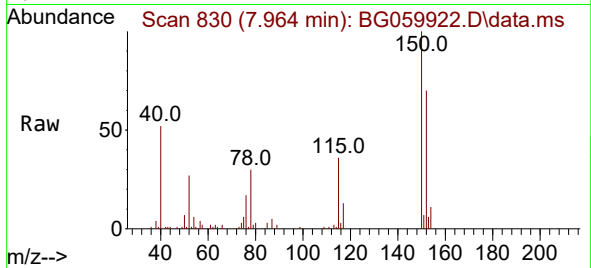




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.964 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BG059922.D
 Acq: 30 Nov 2023 23:20

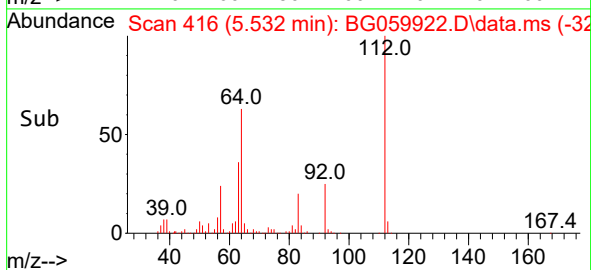
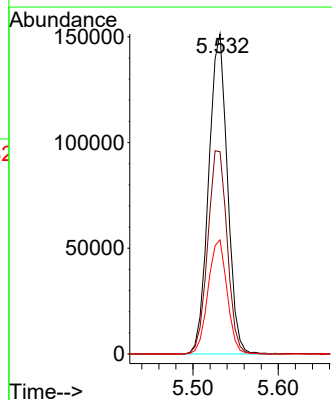
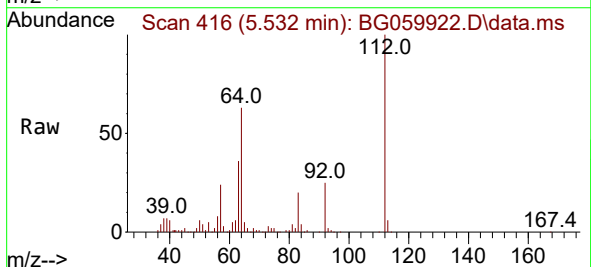
Instrument :
 BNA_G
 ClientSampleId :
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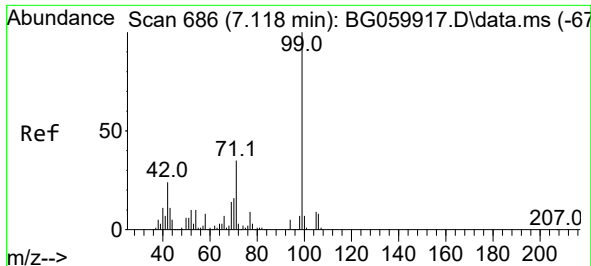
Tgt Ion:152 Resp: 22695
 Ion Ratio Lower Upper
 152 100
 150 143.2 128.6 193.0
 115 51.7 52.2 78.2#



#5
 2-Fluorophenol
 Concen: 159.695 ng
 RT: 5.532 min Scan# 416
 Delta R.T. 0.006 min
 Lab File: BG059922.D
 Acq: 30 Nov 2023 23:20

Tgt Ion:112 Resp: 231377
 Ion Ratio Lower Upper
 112 100
 64 63.2 53.9 80.9
 63 35.6 28.3 42.5

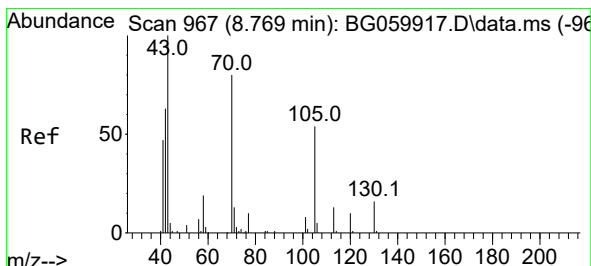
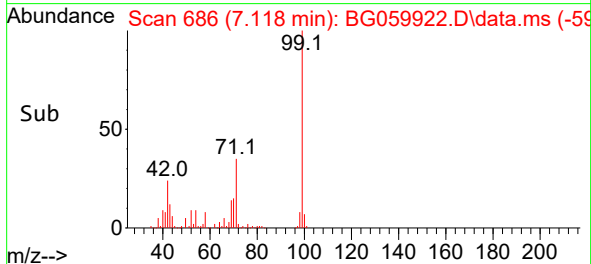
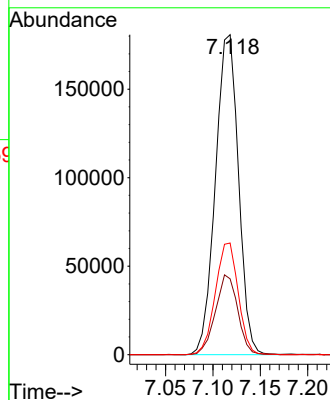
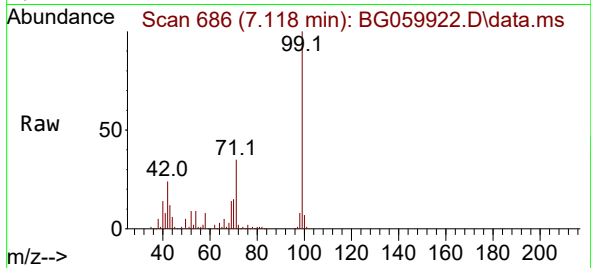




#7
Phenol-d6
Concen: 146.329 ng
RT: 7.118 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

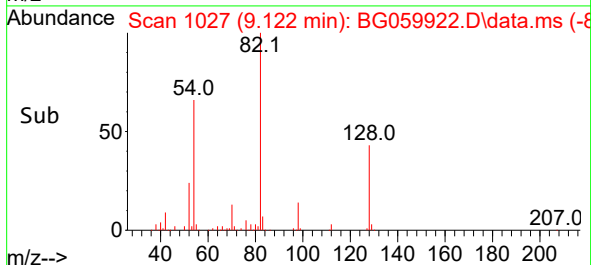
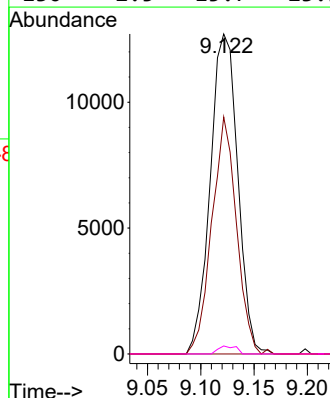
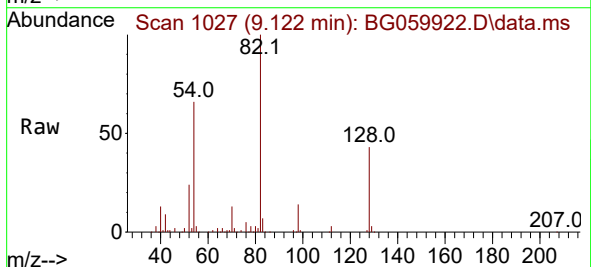
Instrument :
BNA_G
ClientSampleId :
PB157019BL

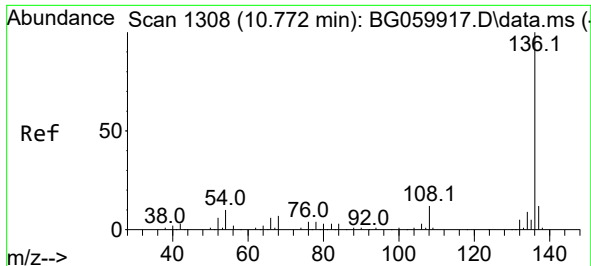
Tgt Ion: 99 Resp: 306027
Ion Ratio Lower Upper
99 100
42 23.7 18.8 28.2
71 34.9 28.0 42.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.445 ng
RT: 9.122 min Scan# 1027
Delta R.T. 0.353 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

Tgt Ion: 70 Resp: 22825
Ion Ratio Lower Upper
70 100
42 74.1 63.4 95.0
101 0.0 7.8 11.6#
130 2.5 15.7 23.5#

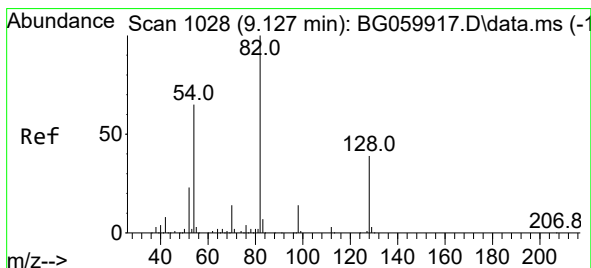
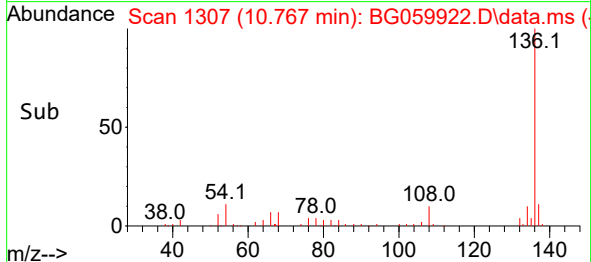
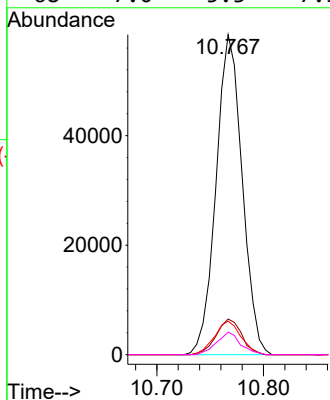
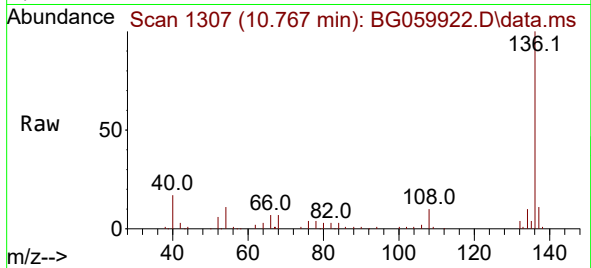




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.767 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

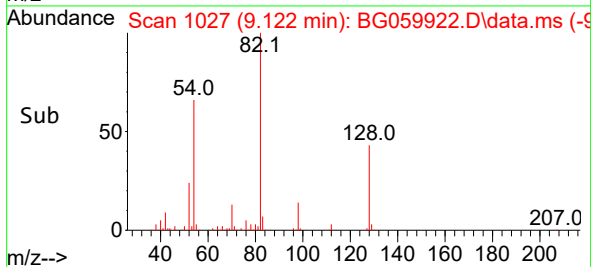
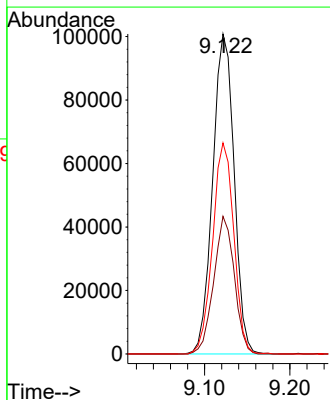
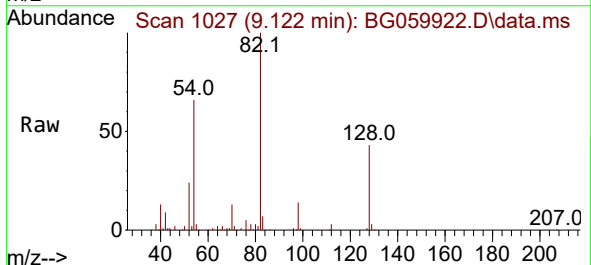
Instrument :
BNA_G
ClientSampleId :
PB157019BL

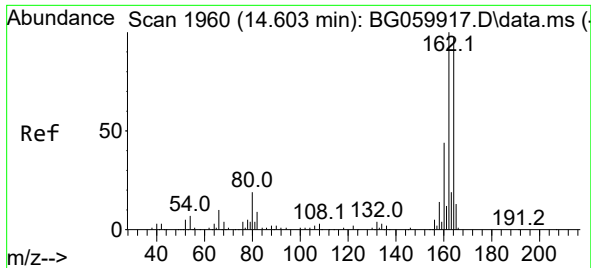
Tgt Ion:	136	Resp:	99211
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.5	7.8	11.8
68	7.0	5.3	7.9



#23
Nitrobenzene-d5
Concen: 103.115 ng
RT: 9.122 min Scan# 1027
Delta R.T. -0.005 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

Tgt Ion:	82	Resp:	175904
Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.3	46.9
54	66.0	51.9	77.9

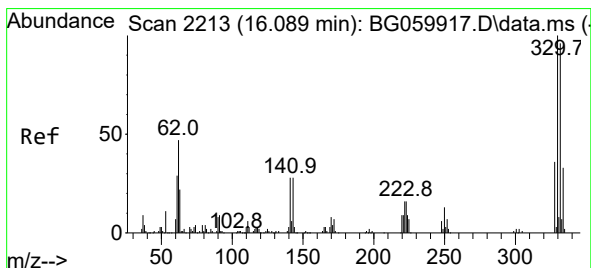
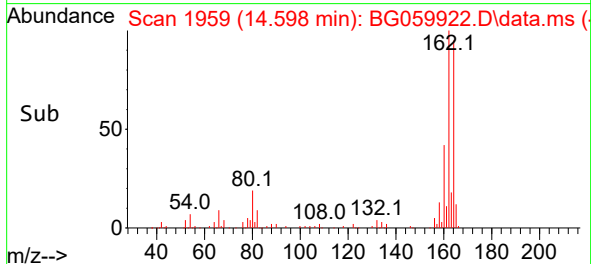
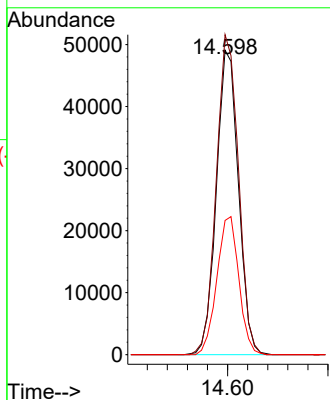
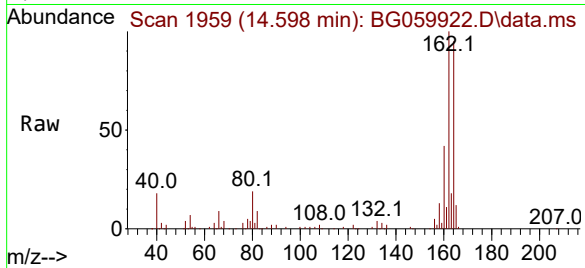




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

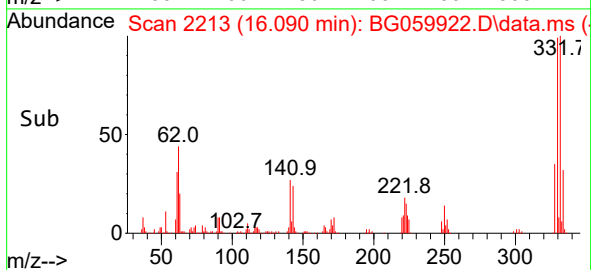
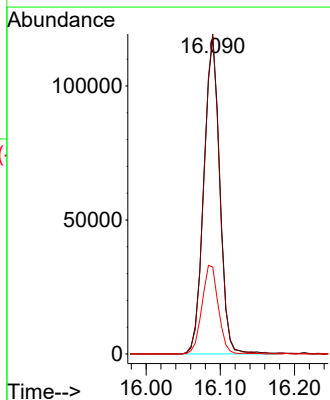
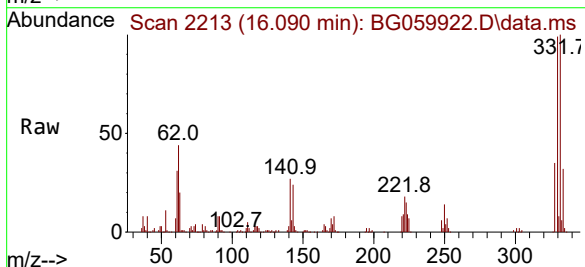
Instrument :
BNA_G
ClientSampleId :
PB157019BL

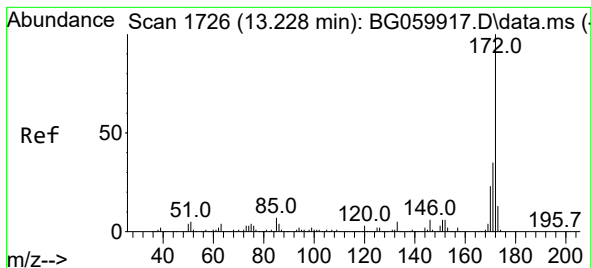
Tgt Ion:164 Resp: 74696
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.2
160 44.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 154.231 ng
RT: 16.090 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

Tgt Ion:330 Resp: 176804
Ion Ratio Lower Upper
330 100
332 99.4 76.6 115.0
141 28.8 22.3 33.5

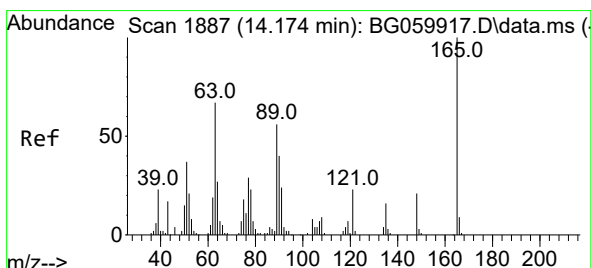
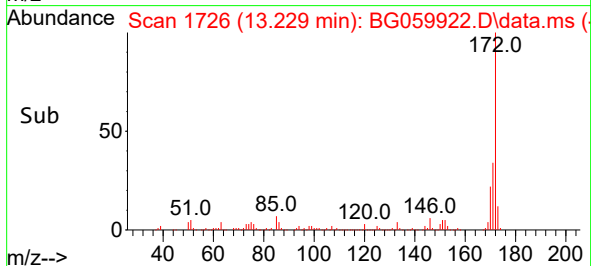
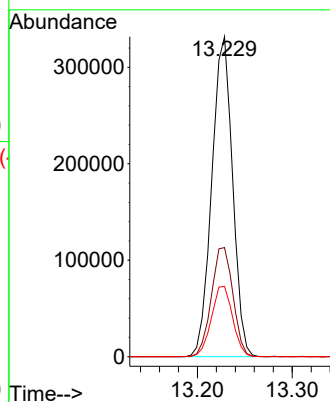
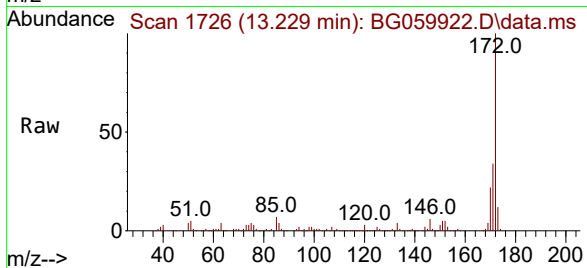




#45
2-Fluorobiphenyl
Concen: 93.989 ng
RT: 13.229 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

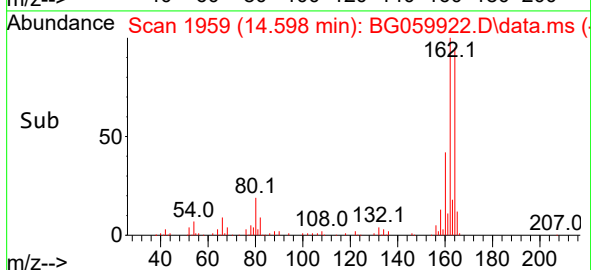
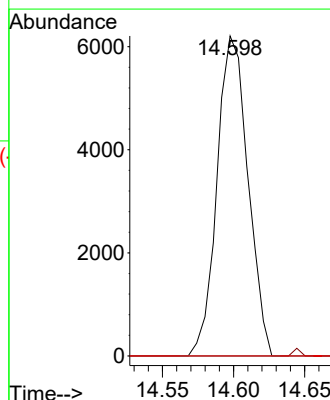
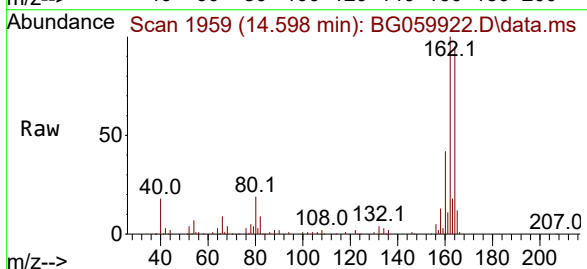
Instrument :
BNA_G
ClientSampleId :
PB157019BL

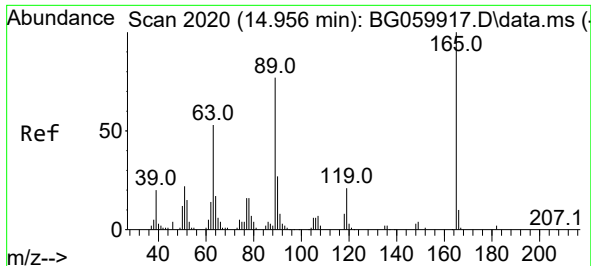
Tgt Ion:172 Resp: 504745
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 22.0 18.2 27.2



#51
2,6-Dinitrotoluene
Concen: 9.927 ng
RT: 14.598 min Scan# 1959
Delta R.T. 0.424 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

Tgt Ion:165 Resp: 9395
Ion Ratio Lower Upper
165 100
63 0.0 54.3 81.5#
89 0.0 45.1 67.7#





#57

2,4-Dinitrotoluene

Concen: 8.595 ng

RT: 14.598 min Scan# 1959

Delta R.T. -0.358 min

Lab File: BG059922.D

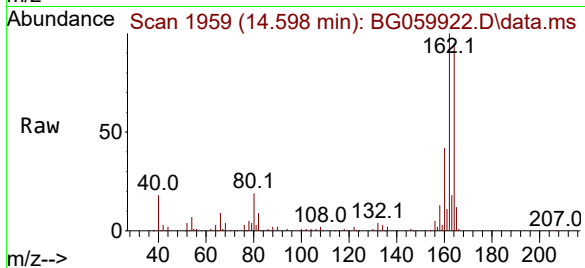
Acq: 30 Nov 2023 23:20

Instrument :

BNA_G

ClientSampleId :

PB157019BL



Tgt Ion:165 Resp: 9395

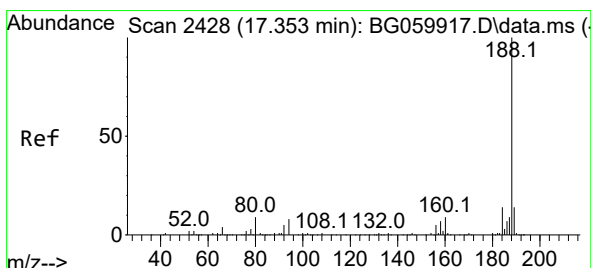
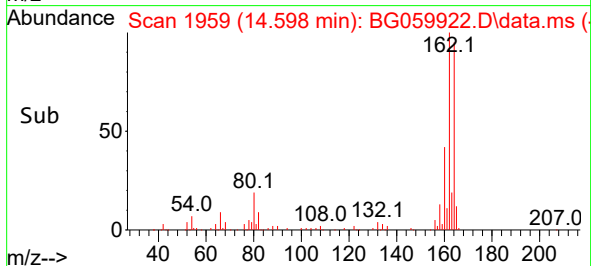
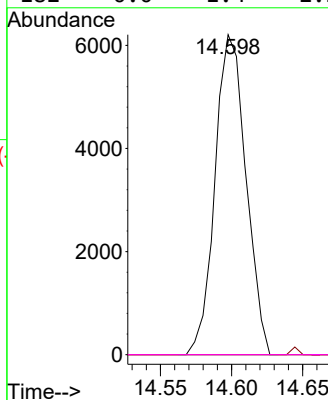
Ion Ratio Lower Upper

165 100

63 0.0 42.8 64.2#

89 0.0 61.8 92.8#

182 0.0 1.4 2.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.347 min Scan# 2427

Delta R.T. -0.005 min

Lab File: BG059922.D

Acq: 30 Nov 2023 23:20

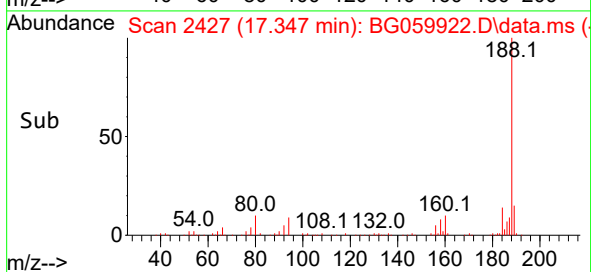
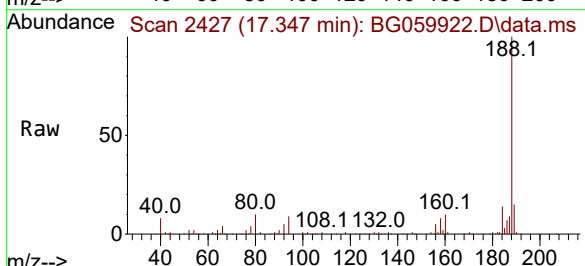
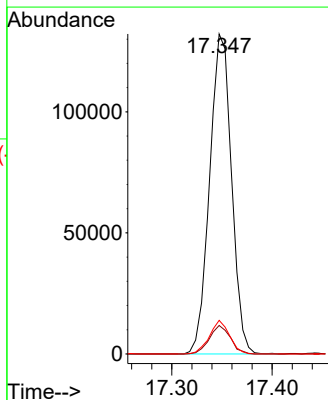
Tgt Ion:188 Resp: 200336

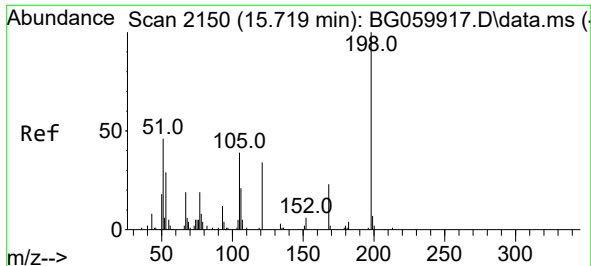
Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 10.5 7.4 11.0

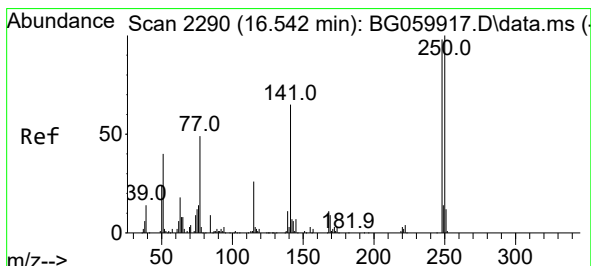
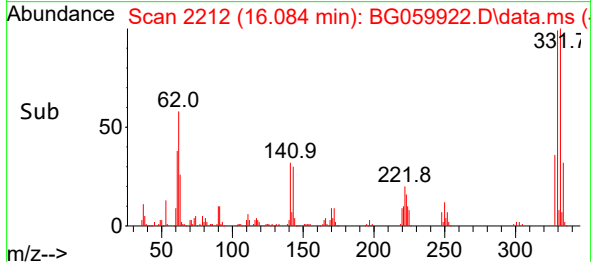
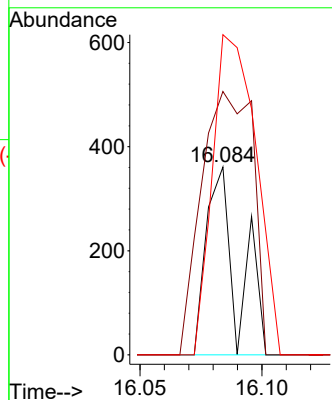
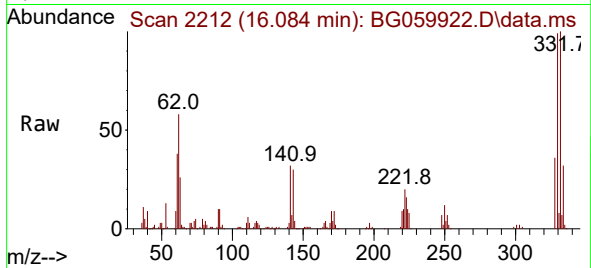




#65
4,6-Dinitro-2-methylphenol
Concen: 7.054 ng
RT: 16.084 min Scan# 2150
Delta R.T. 0.365 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

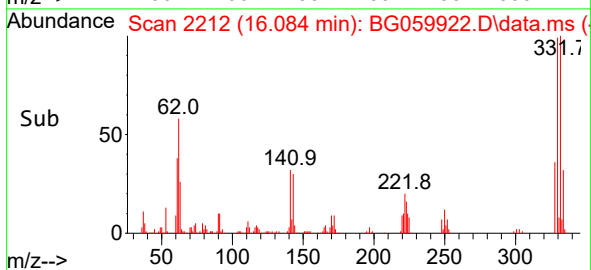
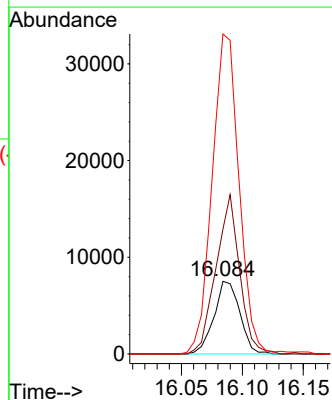
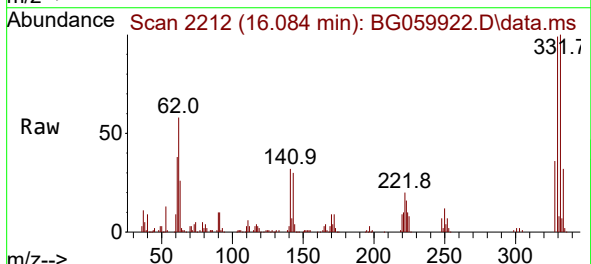
Instrument :
BNA_G
ClientSampleId :
PB157019BL

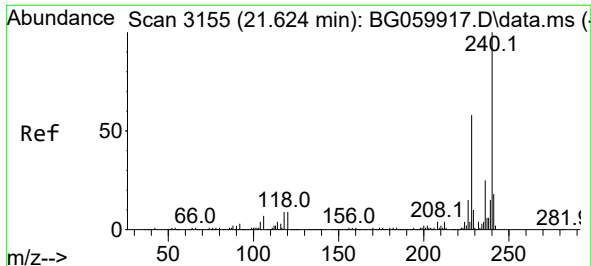
Tgt Ion:198 Resp: 321
Ion Ratio Lower Upper
198 100
51 140.2 33.5 73.5#
105 170.4 20.6 60.6#



#67
4-Bromophenyl-phenylether
Concen: 4.622 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.458 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

Tgt Ion:248 Resp: 11059
Ion Ratio Lower Upper
248 100
250 171.4 81.6 122.4#
141 440.0 53.0 79.4#

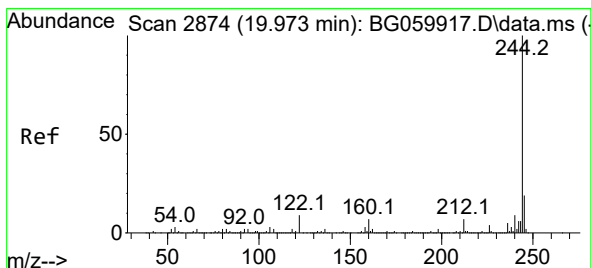
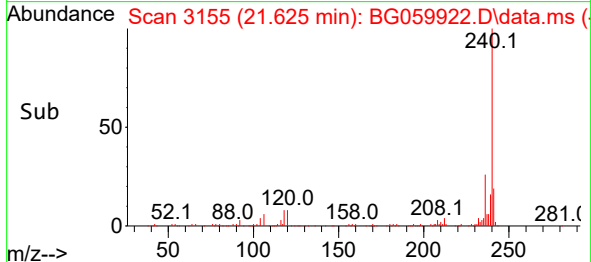
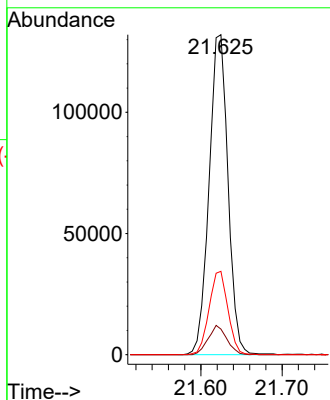
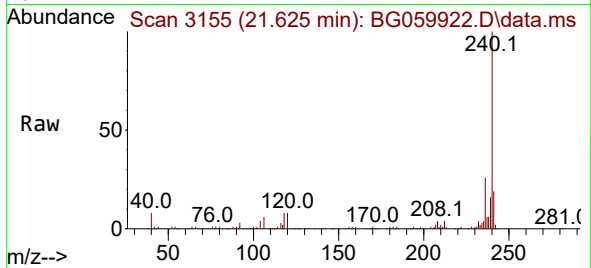




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

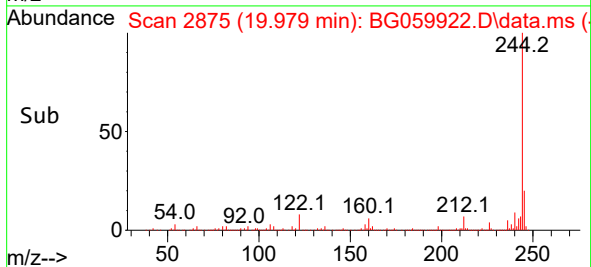
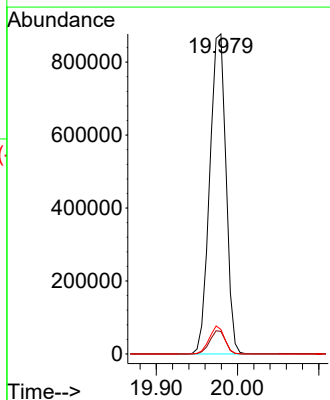
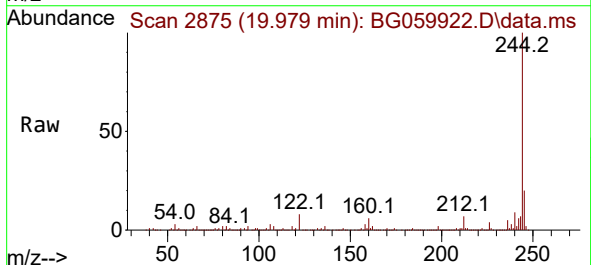
Instrument :
BNA_G
ClientSampleId :
PB157019BL

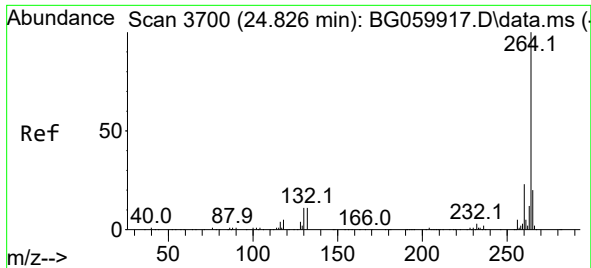
Tgt Ion:240 Resp: 213204
Ion Ratio Lower Upper
240 100
120 8.0 7.6 11.4
236 26.0 20.0 30.0



#79
Terphenyl-d14
Concen: 95.060 ng
RT: 19.979 min Scan# 2875
Delta R.T. 0.006 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

Tgt Ion:244 Resp: 1218821
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.7 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.821 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG059922.D
 Acq: 30 Nov 2023 23:20

Instrument :
 BNA_G
 ClientSampleId :
 PB157019BL

Tgt Ion:264 Resp: 250430
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.4
 265 21.7 16.0 24.0

