

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059976.D
 Acq On : 6 Dec 2023 19:20
 Operator : MA/JU
 Sample : 05585-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P3874-SP3

Quant Time: Dec 06 23:17:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

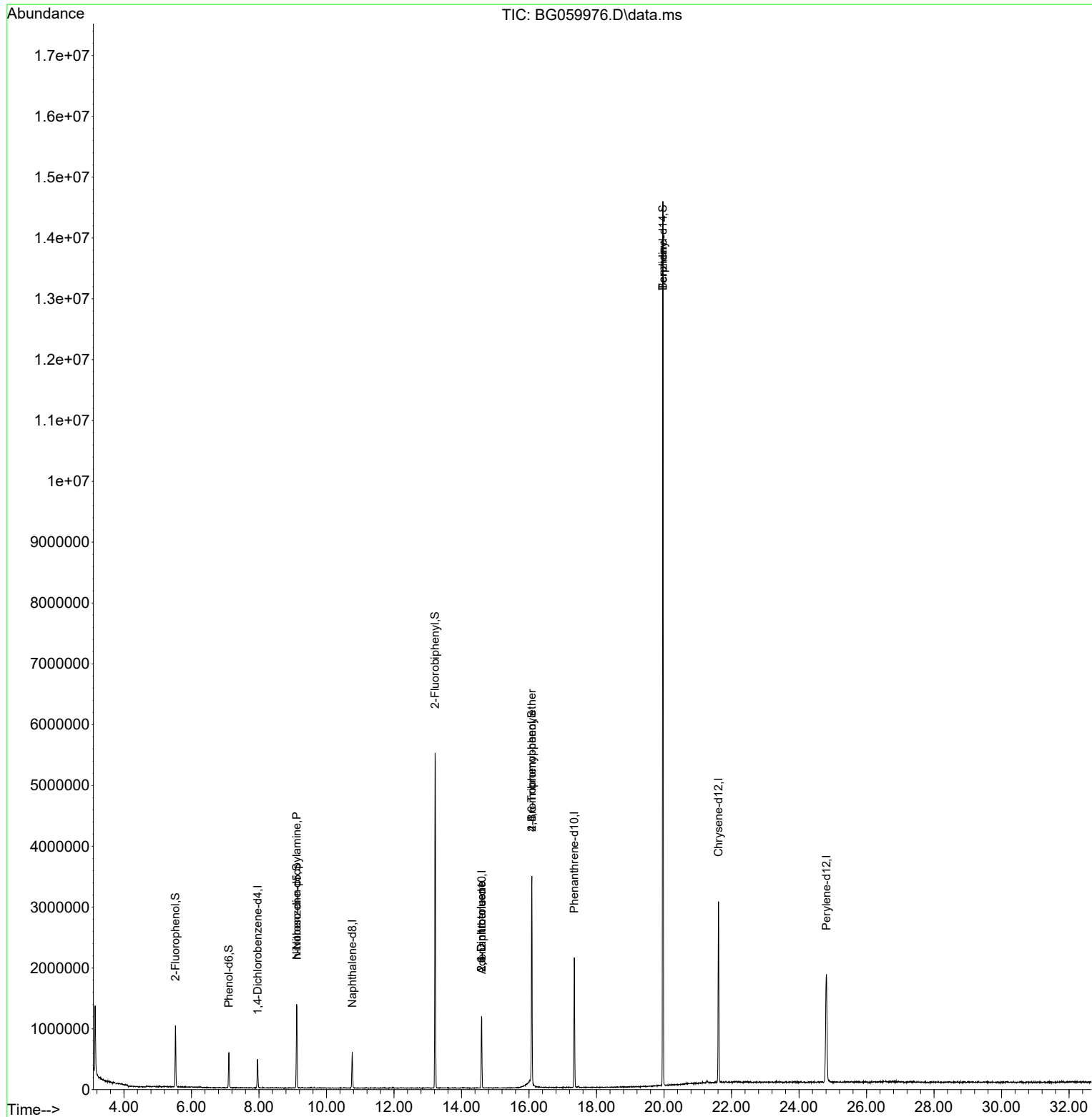
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	128093	20.000	ng	# 0.00
21) Naphthalene-d8	10.762	136	464680	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	440204	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	1461668	20.000	ng	# 0.00
76) Chrysene-d12	21.614	240	2001086	20.000	ng	0.00
86) Perylene-d12	24.810	264	2346410	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	420092	65.895	ng	0.00
7) Phenol-d6	7.107	99	302209	30.076	ng	0.00
23) Nitrobenzene-d5	9.117	82	857285	65.949	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	883195	62.359	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	3056069	75.720	ng	0.00
79) Terphenyl-d14	19.969	244	6371355	54.888	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.117	70	136117	18.076	ng	# 81
51) 2,6-Dinitrotoluene	14.593	165	57164	6.963	ng	# 19
57) 2,4-Dinitrotoluene	14.593	165	57164	5.006	ng	# 24
67) 4-Bromophenyl-phenylether	16.085	248	54668	2.183	ng	# 1
77) Benzidine	19.969	184	153602	9.107	ng	# 92

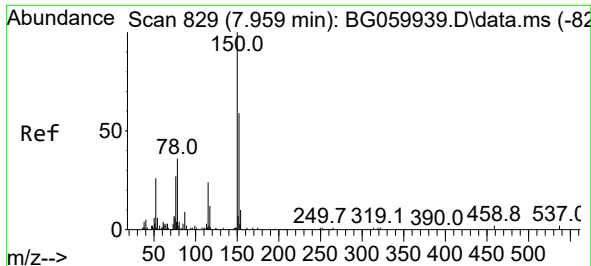
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
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Quant Time: Dec 06 23:17:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

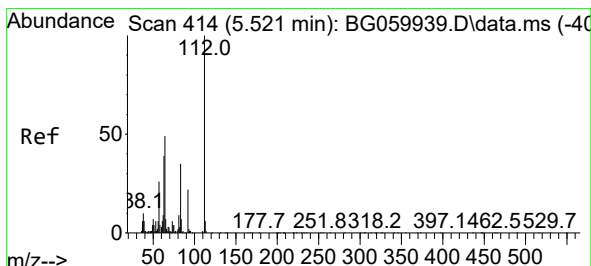
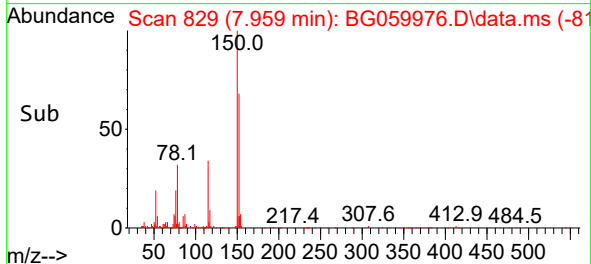
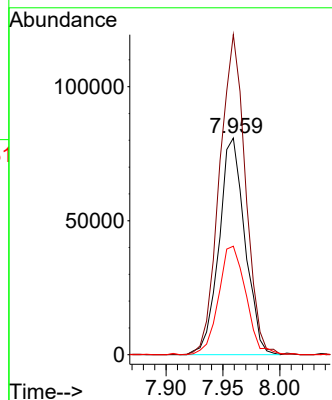
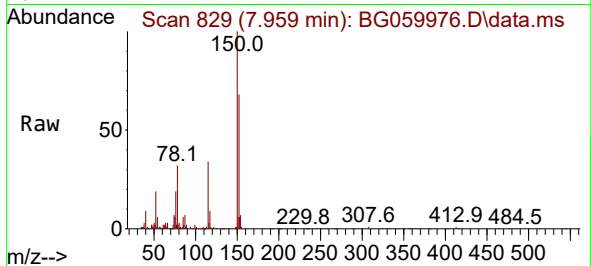




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

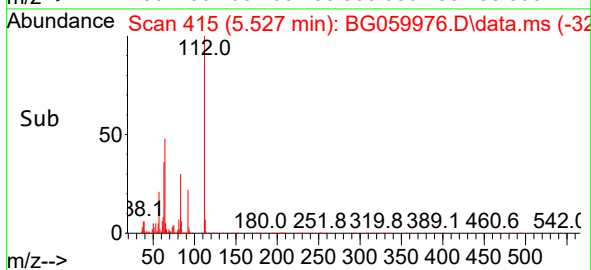
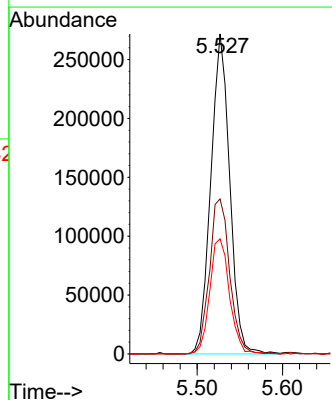
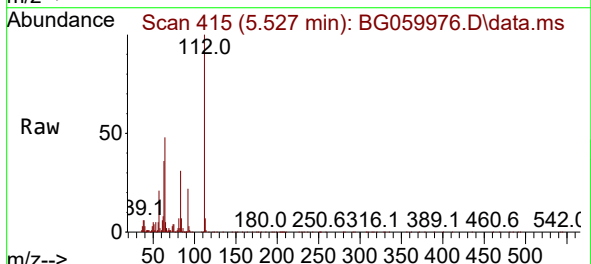
Instrument :
BNA_G
ClientSampleId :
P3874-SP3

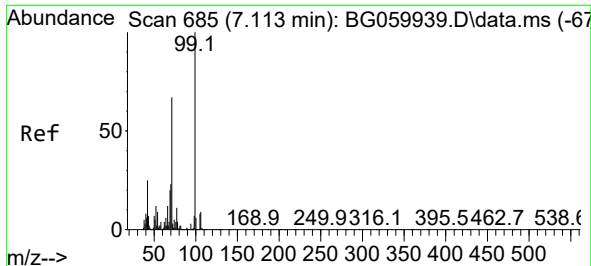
Tgt Ion:152 Resp: 128093
Ion Ratio Lower Upper
152 100
150 147.7 136.9 205.3
115 50.0 32.9 49.3#



#5
2-Fluorophenol
Concen: 65.895 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.006 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

Tgt Ion:112 Resp: 420092
Ion Ratio Lower Upper
112 100
64 48.5 39.4 59.0
63 36.0 31.2 46.8

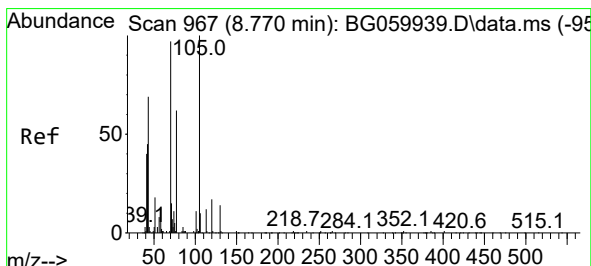
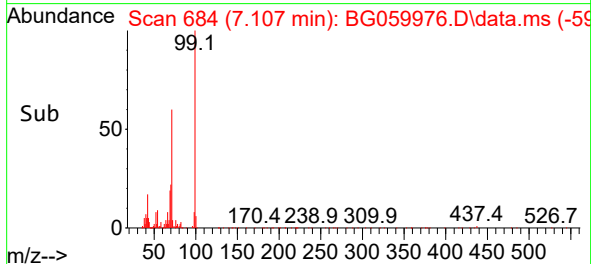
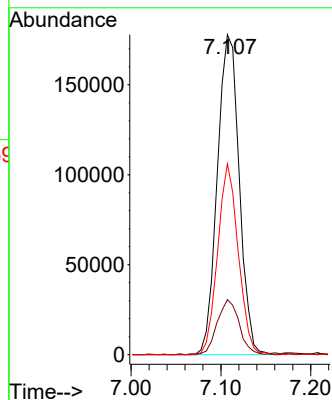
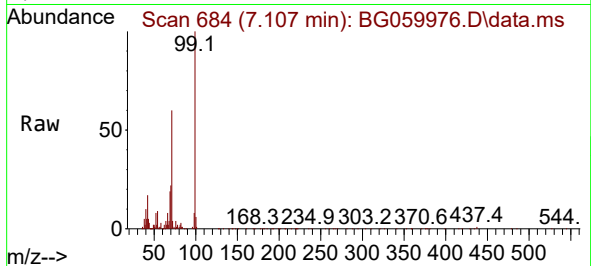




#7
Phenol-d6
Concen: 30.076 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

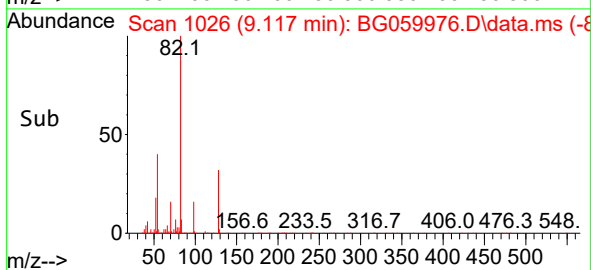
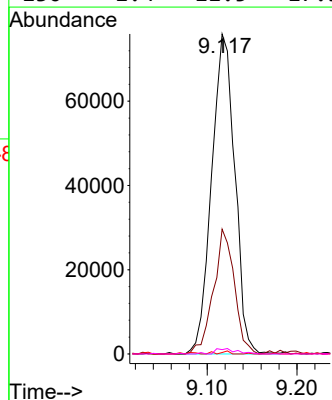
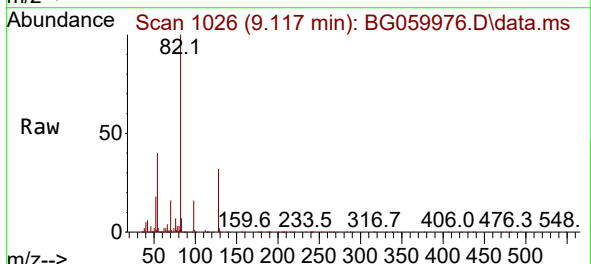
Instrument :
BNA_G
ClientSampleId :
P3874-SP3

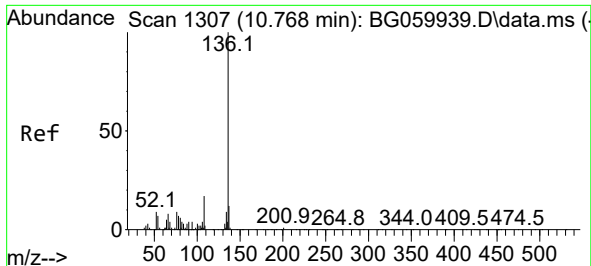
Tgt Ion: 99 Resp: 302209
Ion Ratio Lower Upper
99 100
42 17.2 20.1 30.1#
71 59.7 53.8 80.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.076 ng
RT: 9.117 min Scan# 1026
Delta R.T. 0.347 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

Tgt Ion: 70 Resp: 136117
Ion Ratio Lower Upper
70 100
42 39.0 38.1 57.1
101 0.5 8.6 13.0#
130 1.4 11.5 17.3#

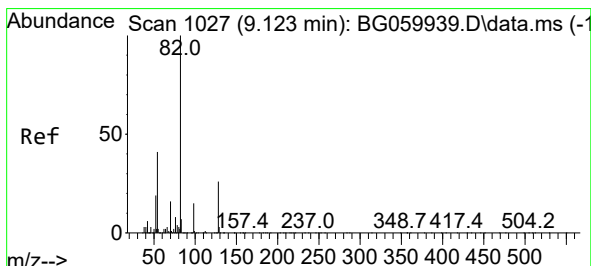
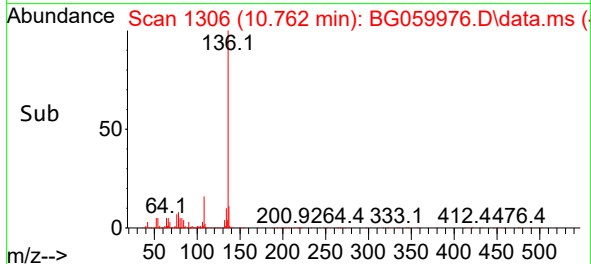
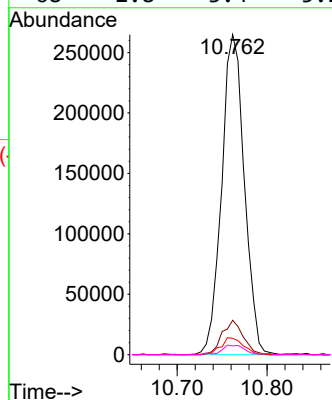
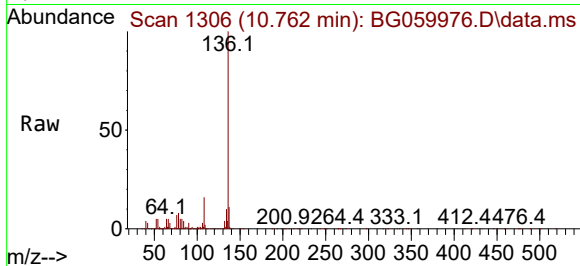




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

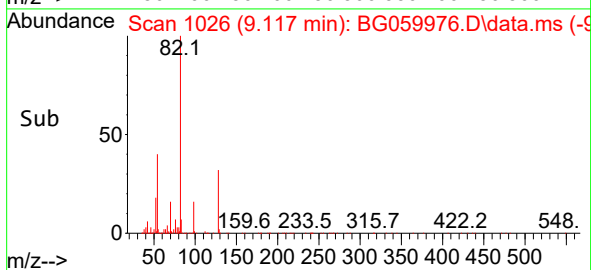
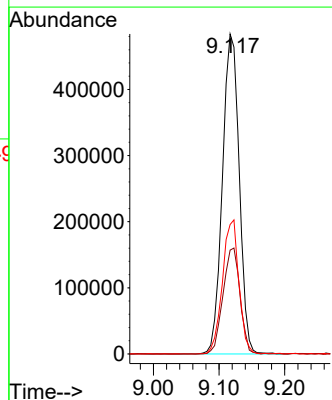
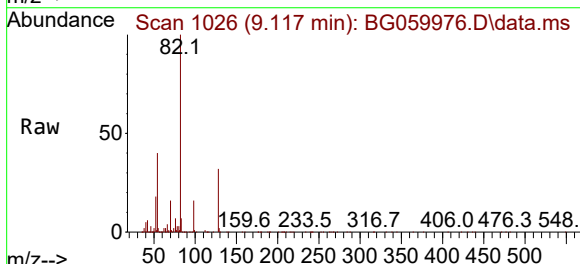
Instrument :
BNA_G
ClientSampleId :
P3874-SP3

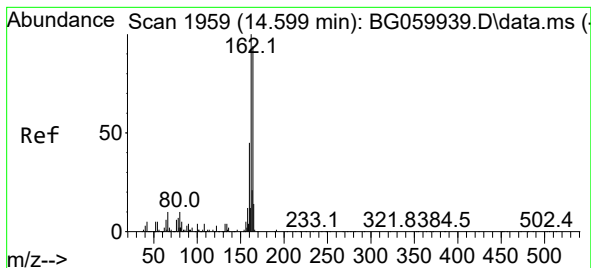
Tgt Ion:	136	Resp:	464680
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	5.1	5.8	8.6#
68	2.8	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 65.949 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

Tgt Ion:	82	Resp:	857285
Ion Ratio	Lower	Upper	
82	100		
128	32.5	21.0	31.6#
54	40.4	32.6	48.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BG059976.D

Acq: 6 Dec 2023 19:20

Instrument :

BNA_G

ClientSampleId :

P3874-SP3

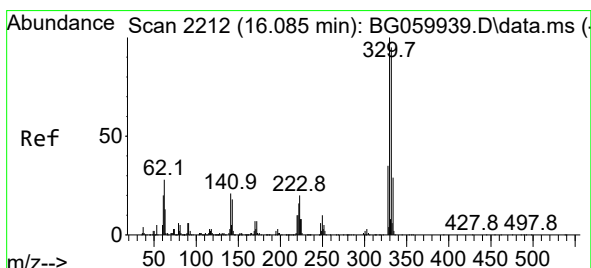
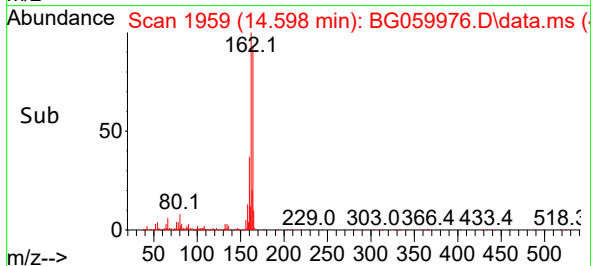
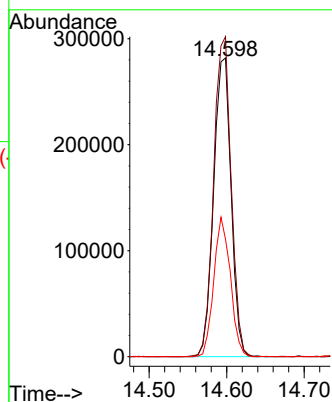
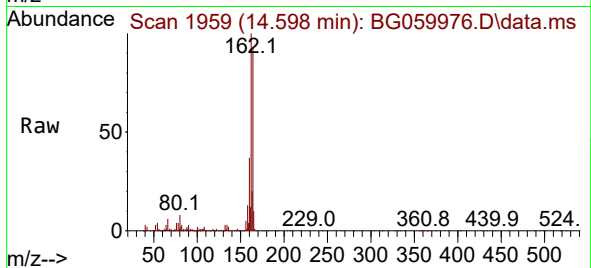
Tgt Ion:164 Resp: 440204

Ion Ratio Lower Upper

164 100

162 107.1 85.0 127.6

160 39.4 38.1 57.1



#42

2,4,6-Tribromophenol

Concen: 62.359 ng

RT: 16.085 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BG059976.D

Acq: 6 Dec 2023 19:20

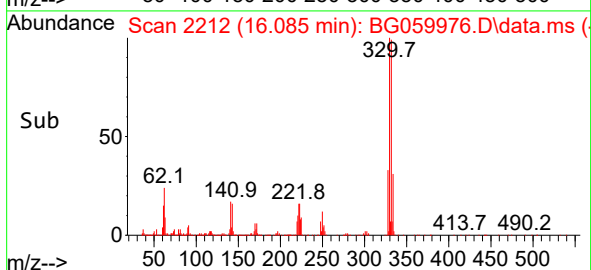
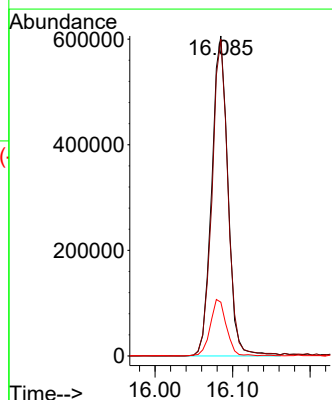
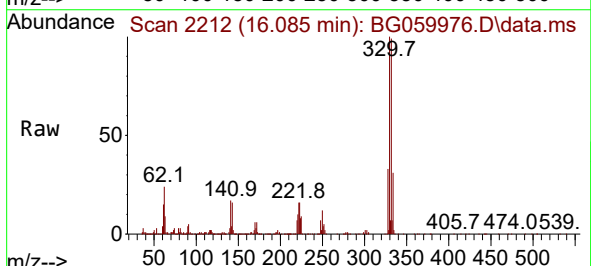
Tgt Ion:330 Resp: 883195

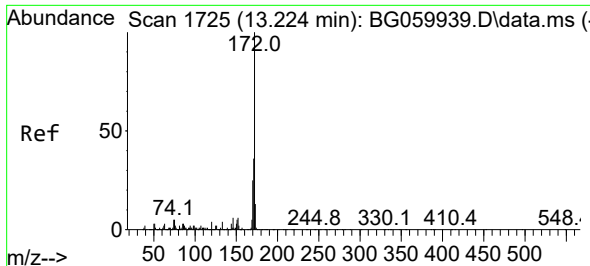
Ion Ratio Lower Upper

330 100

332 97.6 76.5 114.7

141 17.3 15.0 22.6

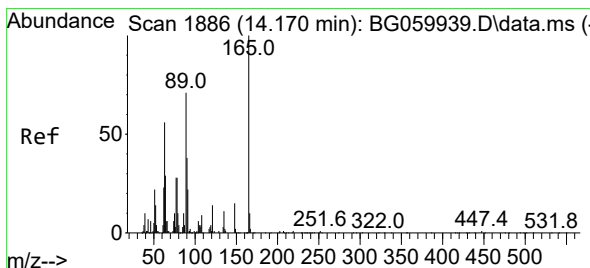
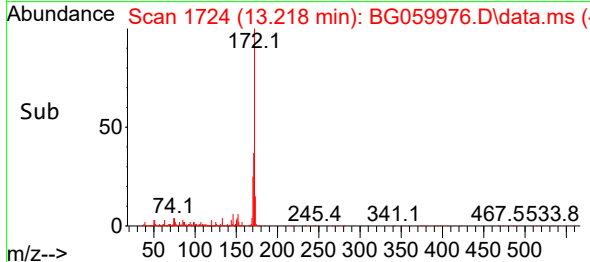
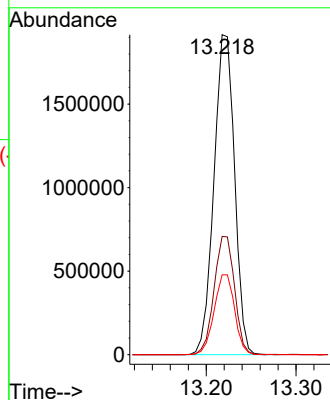
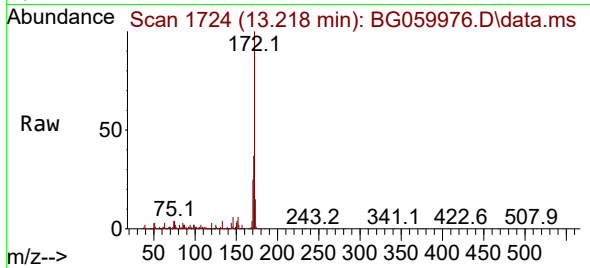




#45
2-Fluorobiphenyl
Concen: 75.720 ng
RT: 13.218 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

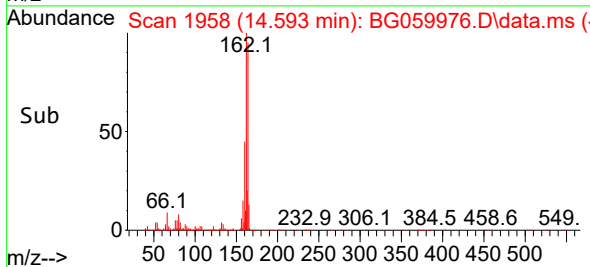
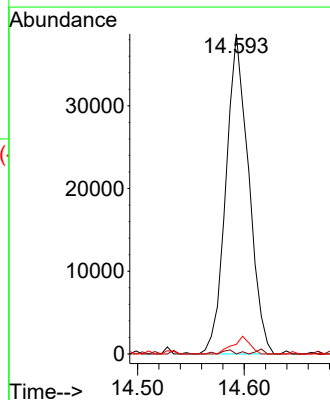
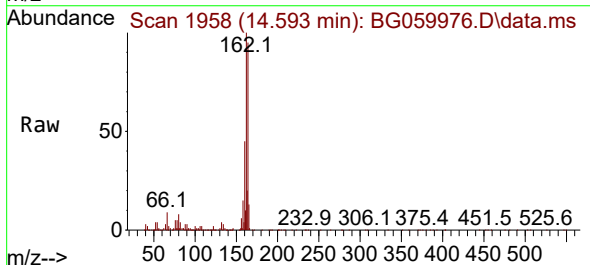
Instrument :
BNA_G
ClientSampleId :
P3874-SP3

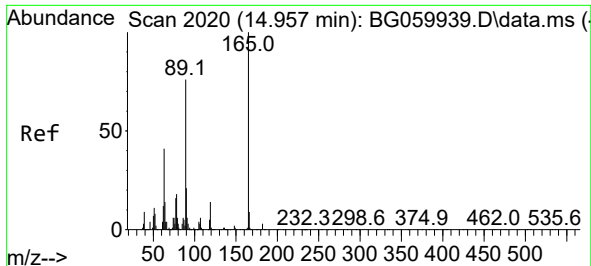
Tgt Ion:172 Resp: 3056069
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.0 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 6.963 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.423 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

Tgt Ion:165 Resp: 57164
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 3.0 57.1 85.7#





#57

2,4-Dinitrotoluene

Concen: 5.006 ng

RT: 14.593 min Scan# 1958

Delta R.T. -0.364 min

Lab File: BG059976.D

Acq: 6 Dec 2023 19:20

Instrument :

BNA_G

ClientSampleId :

P3874-SP3

Tgt Ion:165 Resp: 57164

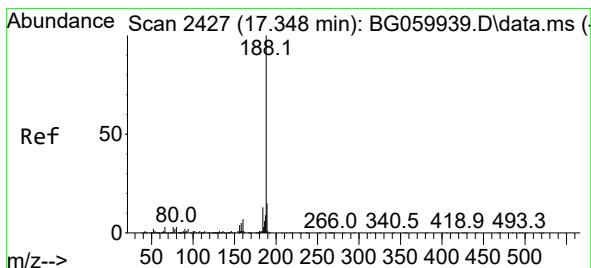
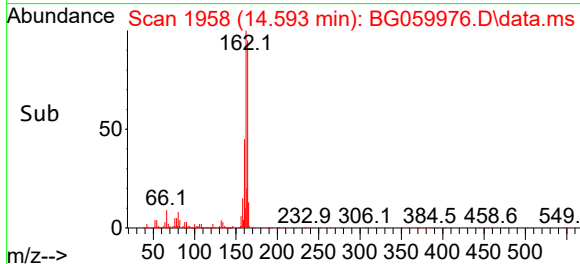
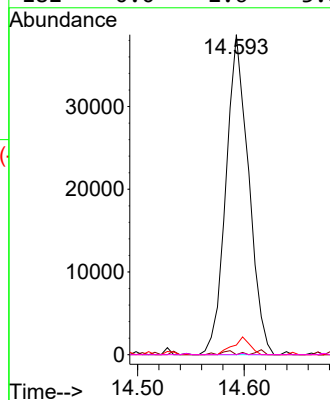
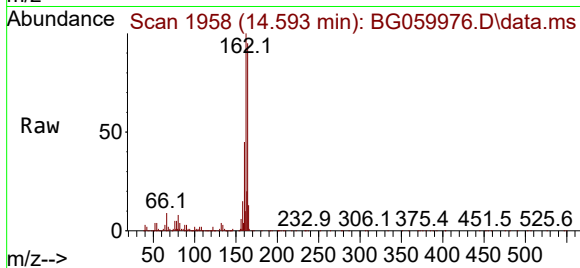
Ion Ratio Lower Upper

165 100

63 0.0 32.8 49.2#

89 3.0 60.6 90.8#

182 0.0 2.6 3.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BG059976.D

Acq: 6 Dec 2023 19:20

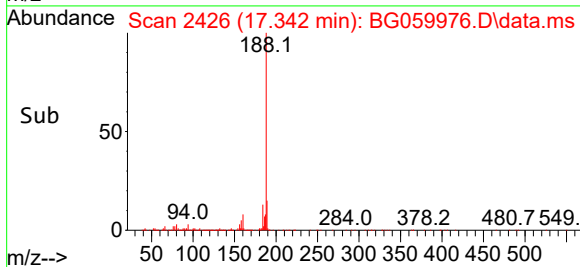
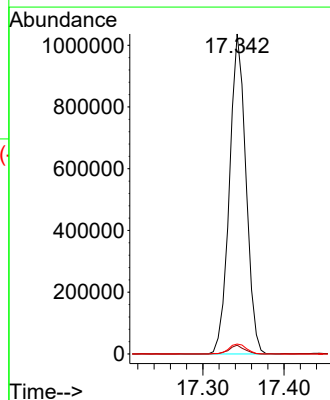
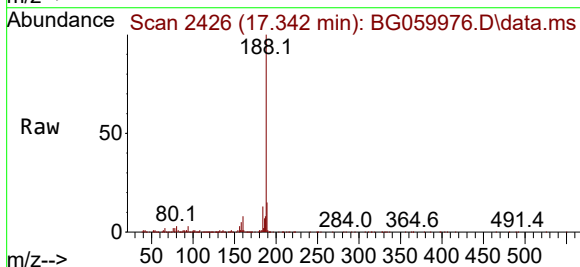
Tgt Ion:188 Resp: 1461668

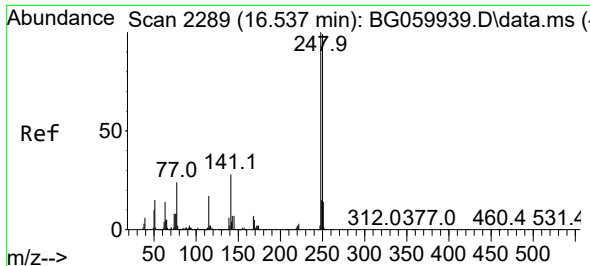
Ion Ratio Lower Upper

188 100

94 2.8 1.8 2.6#

80 3.1 2.2 3.4

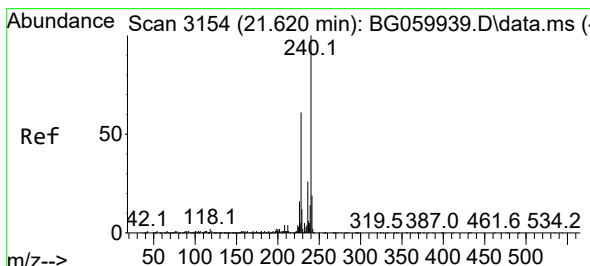
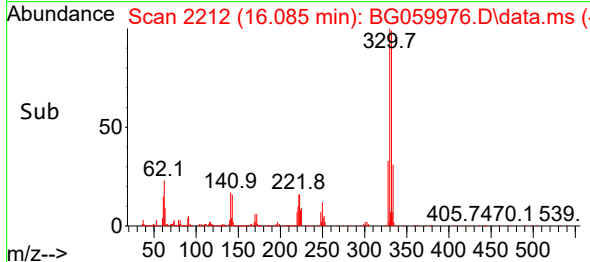
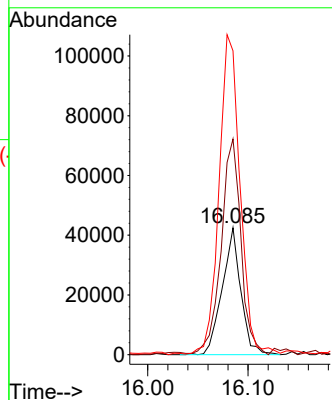
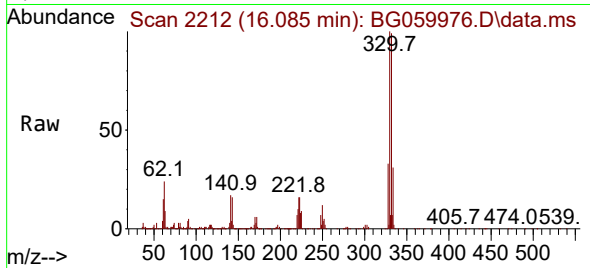




#67
4-Bromophenyl-phenylether
Concen: 2.183 ng
RT: 16.085 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

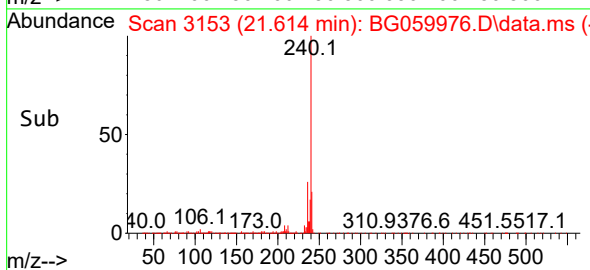
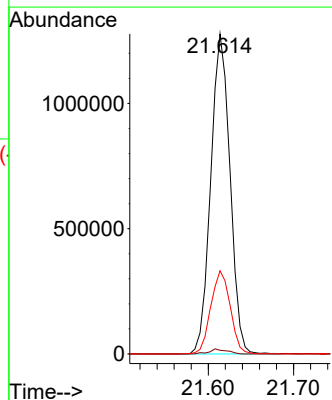
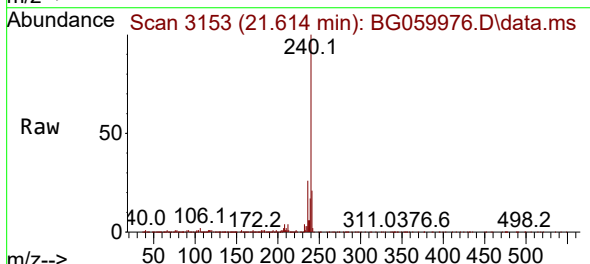
Instrument :
BNA_G
ClientSampleId :
P3874-SP3

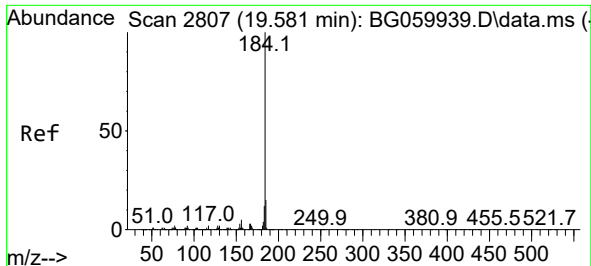
Tgt Ion:248 Resp: 54668
Ion Ratio Lower Upper
248 100
250 226.4 79.0 118.4#
141 239.3 22.3 33.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

Tgt Ion:240 Resp: 2001086
Ion Ratio Lower Upper
240 100
120 1.1 1.0 1.4
236 26.0 20.8 31.2

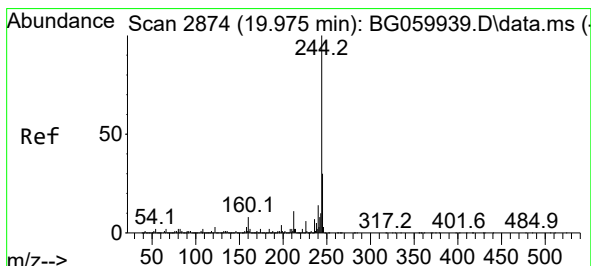
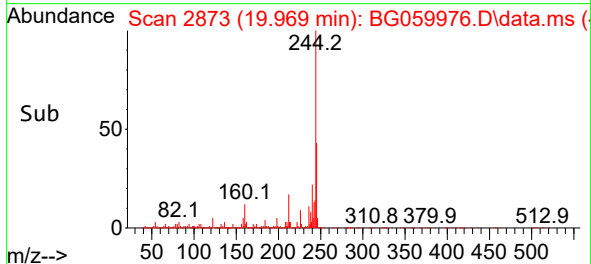
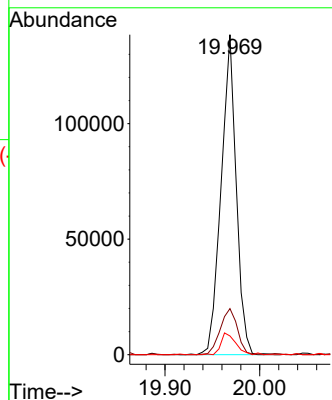
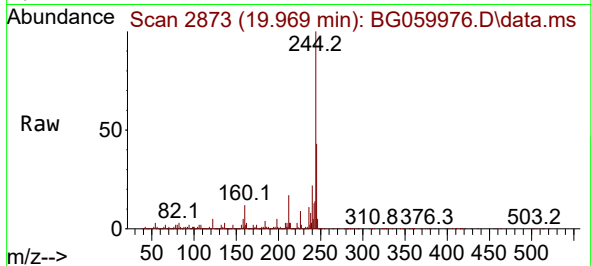




#77
Benzidine
Concen: 9.107 ng
RT: 19.969 min Scan# 2873
Delta R.T. 0.388 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

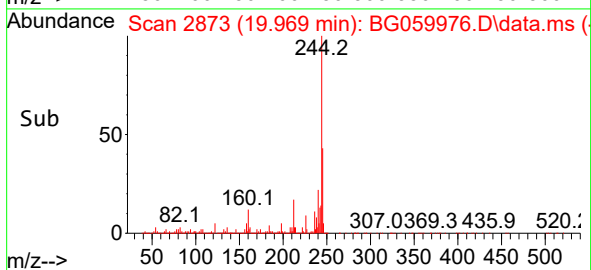
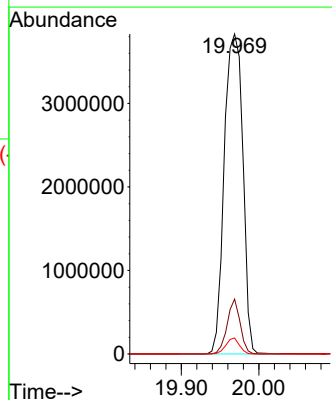
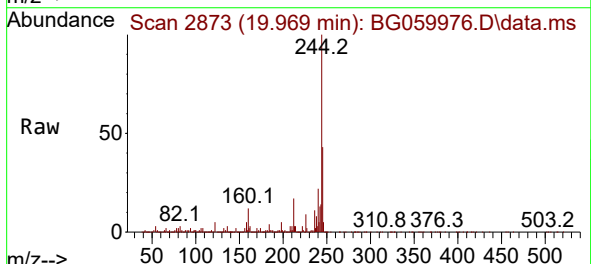
Instrument :
BNA_G
ClientSampleId :
P3874-SP3

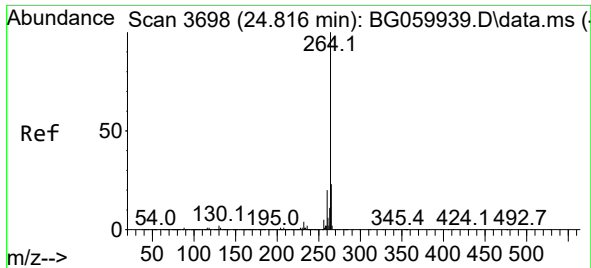
Tgt Ion:184 Resp: 153602
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 5.9 9.7 14.5#



#79
Terphenyl-d14
Concen: 54.888 ng
RT: 19.969 min Scan# 2873
Delta R.T. -0.006 min
Lab File: BG059976.D
Acq: 6 Dec 2023 19:20

Tgt Ion:244 Resp: 6371355
Ion Ratio Lower Upper
244 100
212 17.2 8.6 13.0#
122 5.0 2.1 3.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG059976.D
 Acq: 6 Dec 2023 19:20

Instrument :
 BNA_G
 ClientSampleId :
 P3874-SP3

Tgt Ion:264 Resp: 2346410
 Ion Ratio Lower Upper
 264 100
 260 25.3 15.8 23.6#
 265 22.5 18.1 27.1

