

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059964.D
 Acq On : 6 Dec 2023 11:10
 Operator : MA/JU
 Sample : PB157546BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157546BL

Quant Time: Dec 06 11:55:30 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)

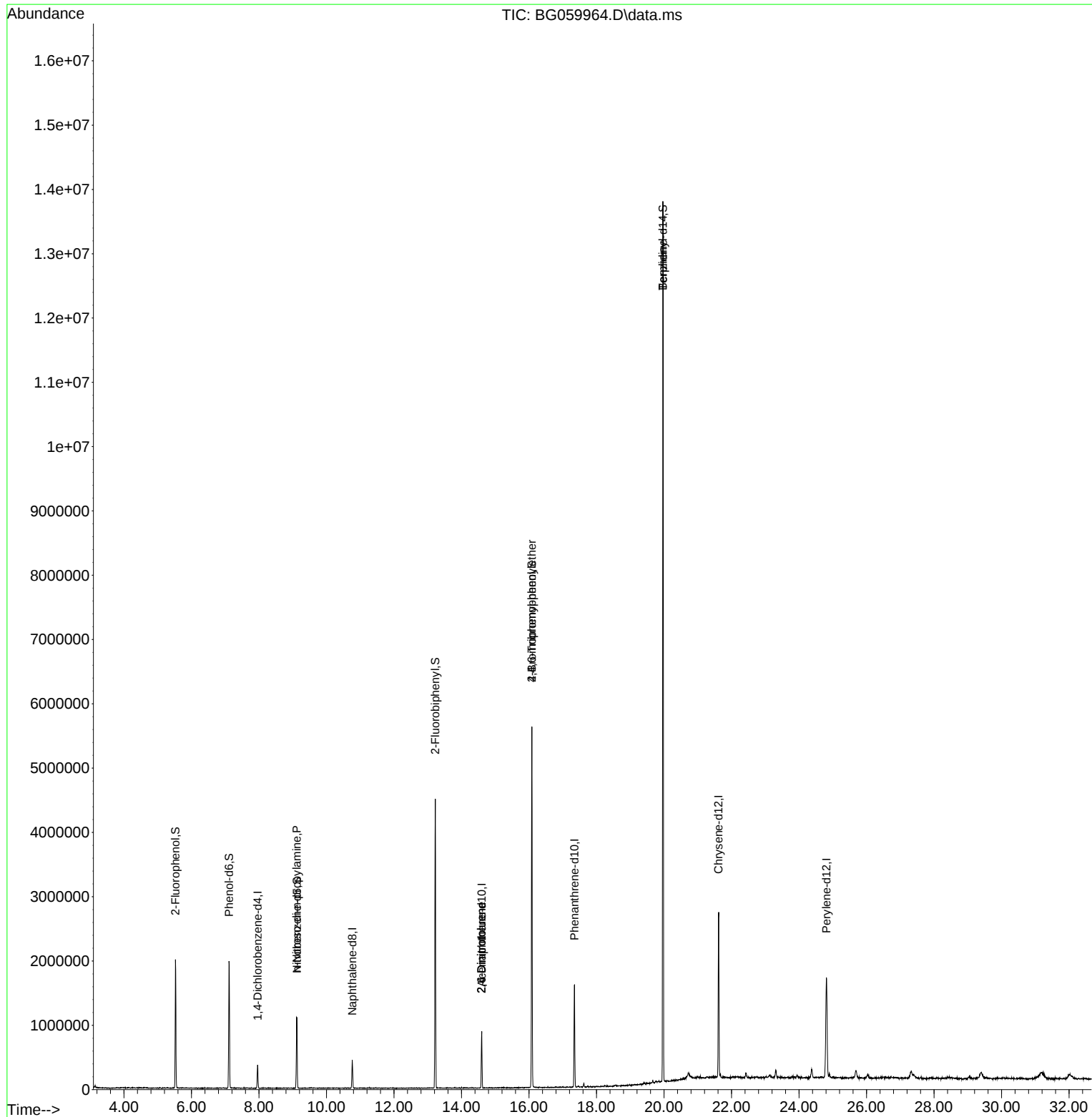
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	90931	20.000	ng	# 0.00
21) Naphthalene-d8	10.762	136	320669	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	308238	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	1170598	20.000	ng	0.00
76) Chrysene-d12	21.614	240	1785941	20.000	ng	0.00
86) Perylene-d12	24.810	264	2069458	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	740822	163.694	ng	0.00
7) Phenol-d6	7.113	99	975910	136.816	ng	0.00
23) Nitrobenzene-d5	9.122	82	685599	76.428	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	1387217	139.879	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	2396643	84.804	ng	0.00
79) Terphenyl-d14	19.968	244	6458362	62.340	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.116	70	104506	19.550	ng	# 81
51) 2,6-Dinitrotoluene	14.592	165	46066	8.013	ng	# 17
57) 2,4-Dinitrotoluene	14.592	165	46066	5.761	ng	# 21
67) 4-Bromophenyl-phenylether	16.085	248	80557	4.017	ng	# 1
77) Benzidine	19.968	184	149849	9.955	ng	# 86

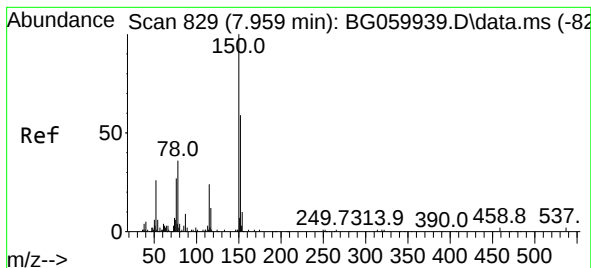
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
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QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

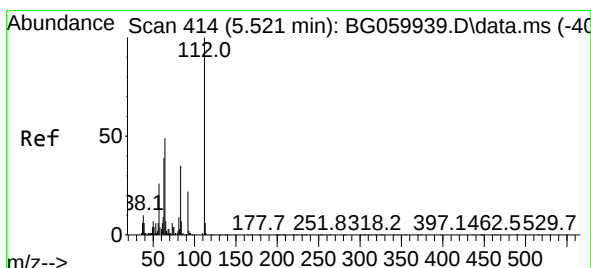
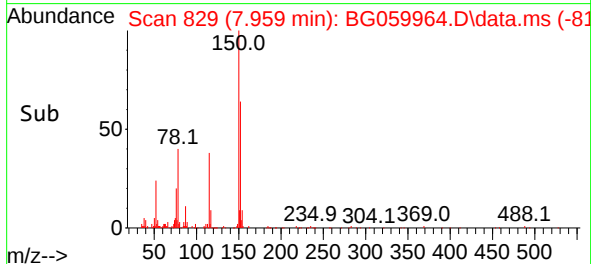
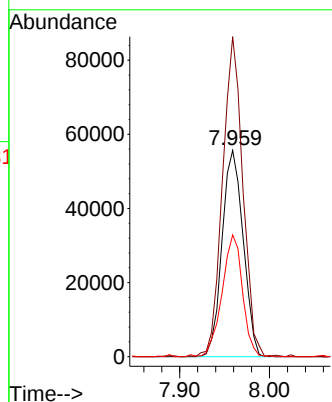
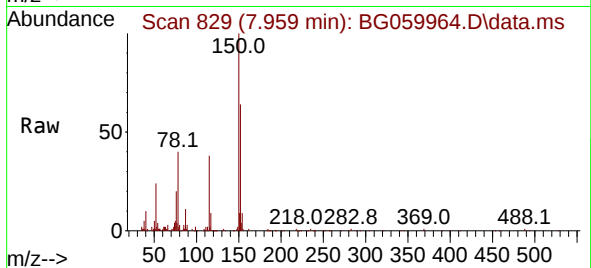




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

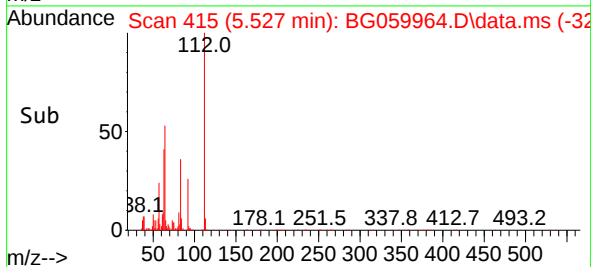
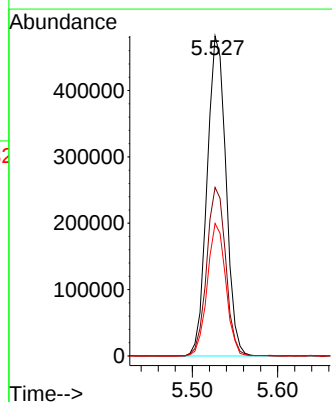
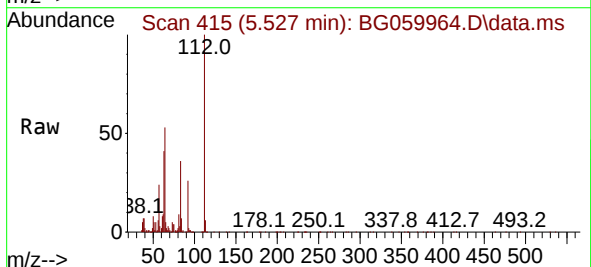
Instrument :
BNA_G
ClientSampleId :
PB157546BL

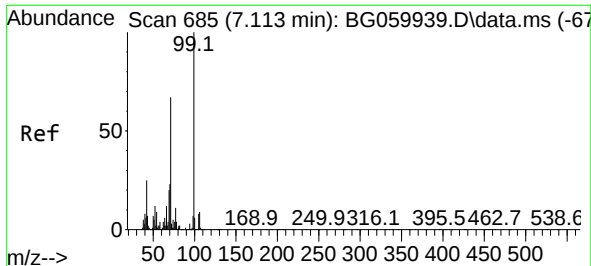
Tgt Ion:152 Resp: 90931
Ion Ratio Lower Upper
152 100
150 155.1 136.9 205.3
115 59.0 32.9 49.3#



#5
2-Fluorophenol
Concen: 163.694 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.006 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Tgt Ion:112 Resp: 740822
Ion Ratio Lower Upper
112 100
64 52.6 39.4 59.0
63 41.4 31.2 46.8

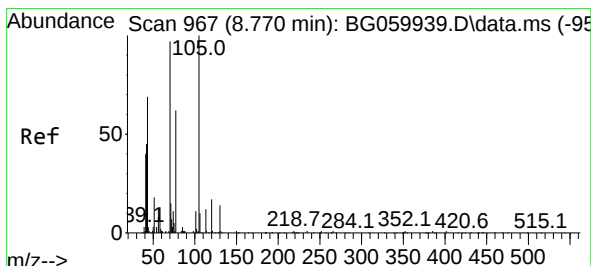
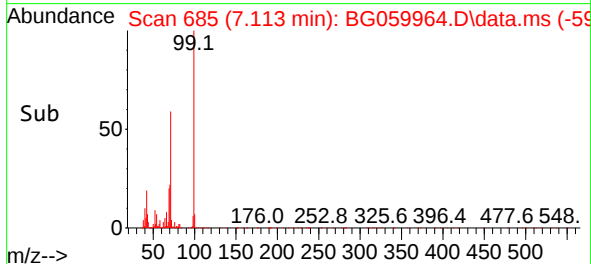
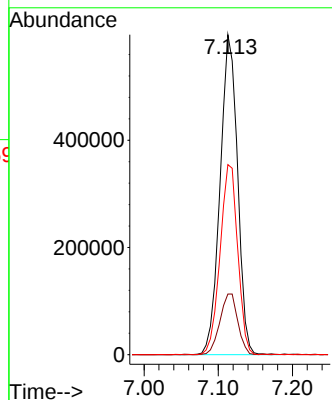
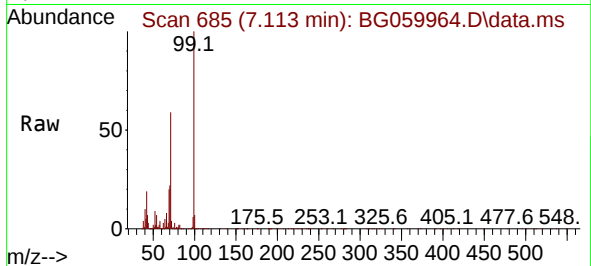




#7
Phenol-d6
Concen: 136.816 ng
RT: 7.113 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

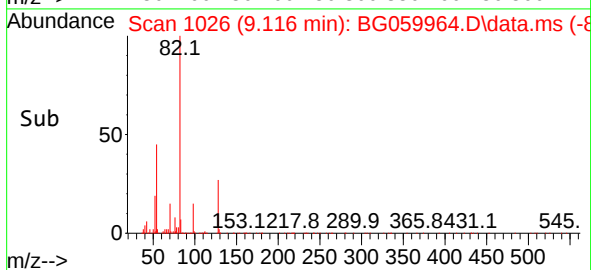
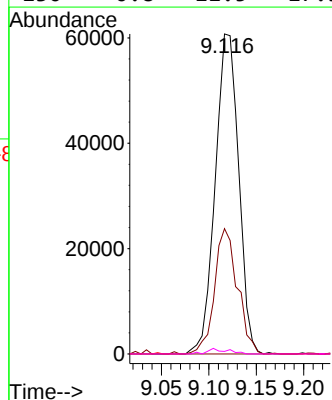
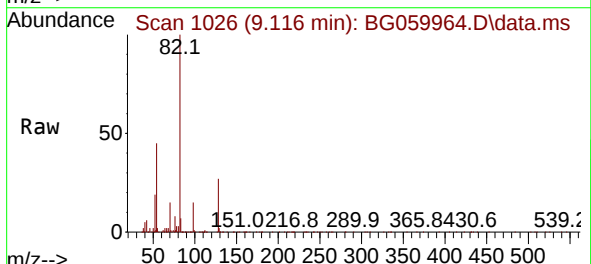
Instrument :
BNA_G
ClientSampleId :
PB157546BL

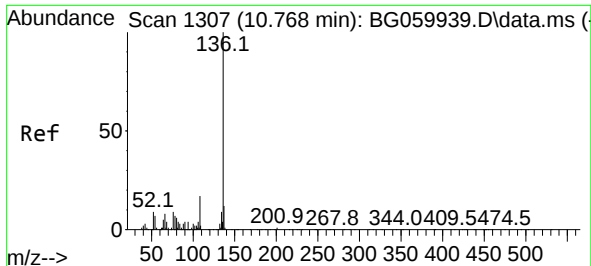
Tgt Ion: 99 Resp: 975910
Ion Ratio Lower Upper
99 100
42 18.9 20.1 30.1#
71 59.4 53.8 80.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.550 ng
RT: 9.116 min Scan# 1026
Delta R.T. 0.346 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Tgt Ion: 70 Resp: 104506
Ion Ratio Lower Upper
70 100
42 39.1 38.1 57.1
101 0.0 8.6 13.0#
130 0.8 11.5 17.3#

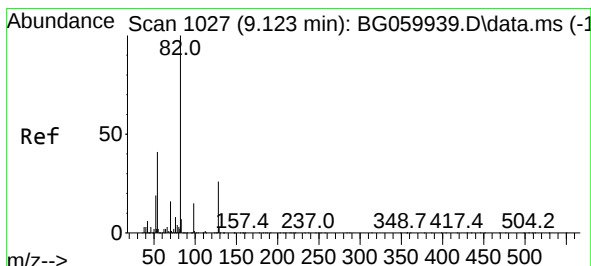
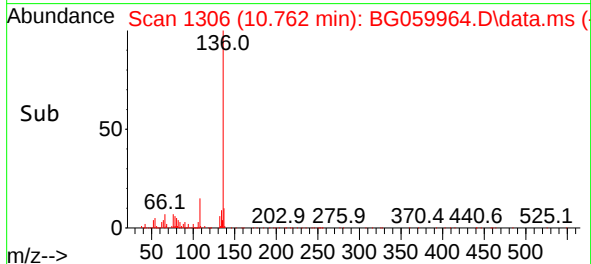
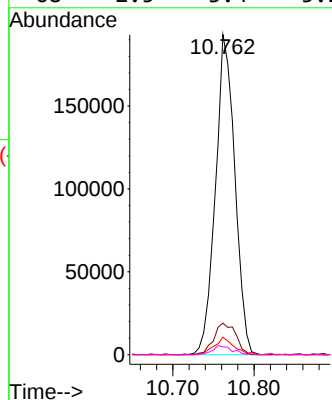
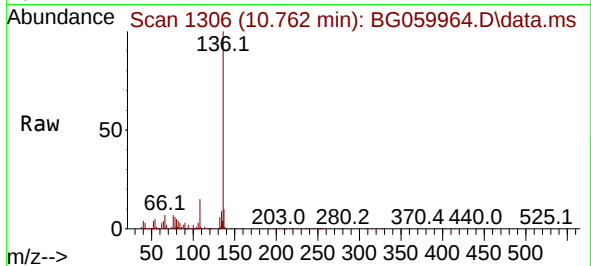




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

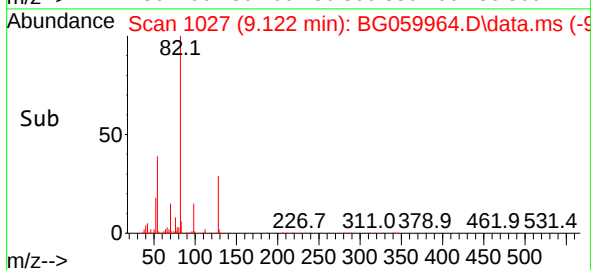
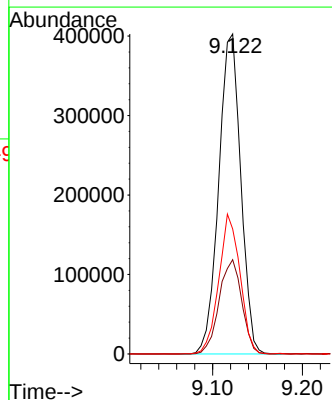
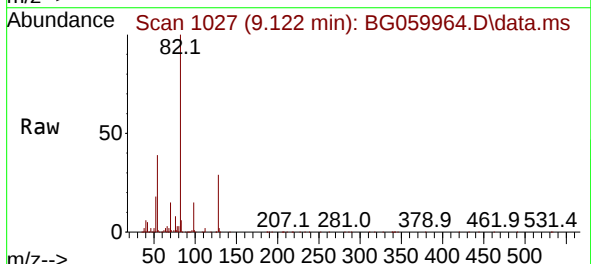
Instrument :
BNA_G
ClientSampleId :
PB157546BL

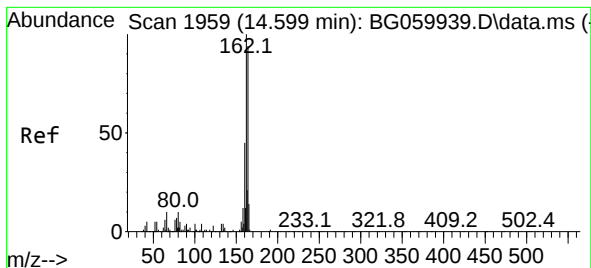
Tgt Ion:	136	Resp:	320669
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.8	14.6
54	5.4	5.8	8.6#
68	2.5	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 76.428 ng
RT: 9.122 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Tgt Ion:	82	Resp:	685599
Ion	Ratio	Lower	Upper
82	100		
128	29.5	21.0	31.6
54	39.0	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: BG059964.D

Acq: 6 Dec 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB157546BL

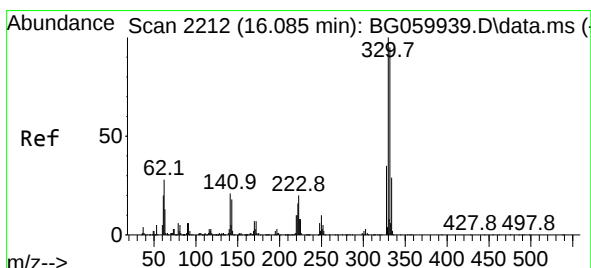
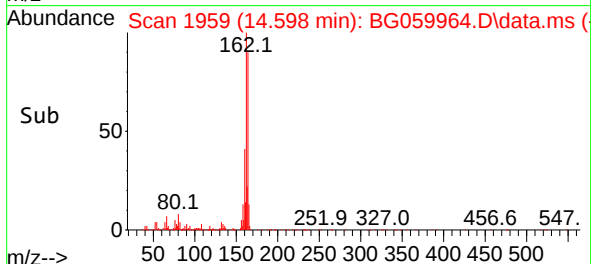
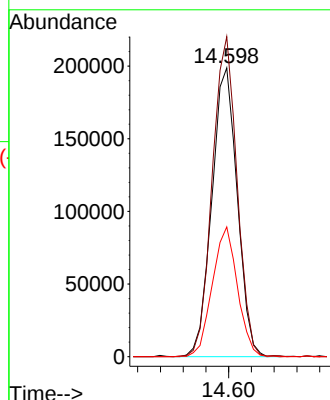
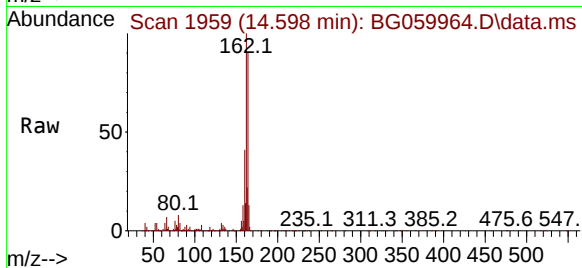
Tgt Ion:164 Resp: 308238

Ion Ratio Lower Upper

164 100

162 110.8 85.0 127.6

160 45.0 38.1 57.1



#42

2,4,6-Tribromophenol

Concen: 139.879 ng

RT: 16.085 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BG059964.D

Acq: 6 Dec 2023 11:10

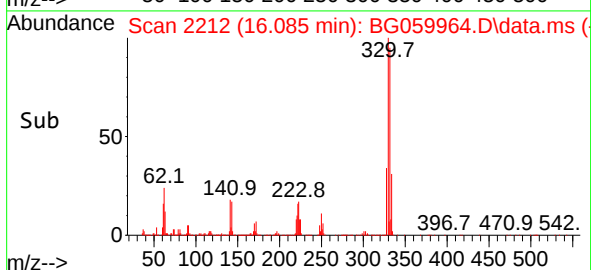
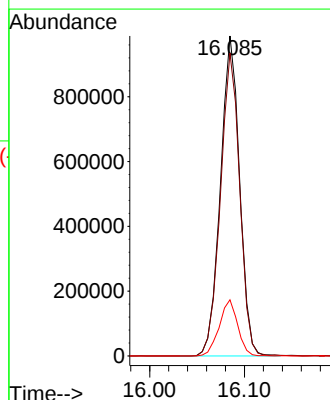
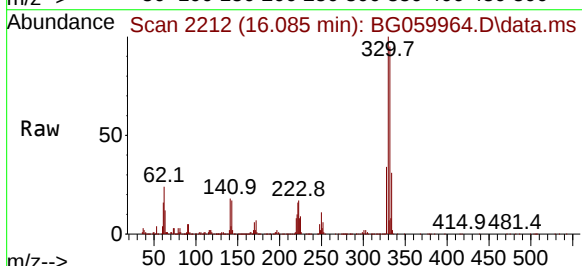
Tgt Ion:330 Resp: 1387217

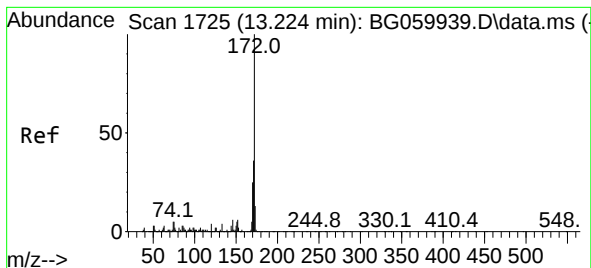
Ion Ratio Lower Upper

330 100

332 95.1 76.5 114.7

141 16.9 15.0 22.6

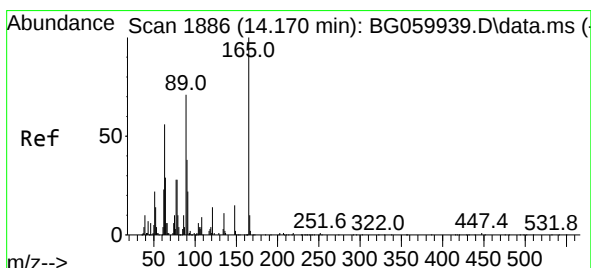
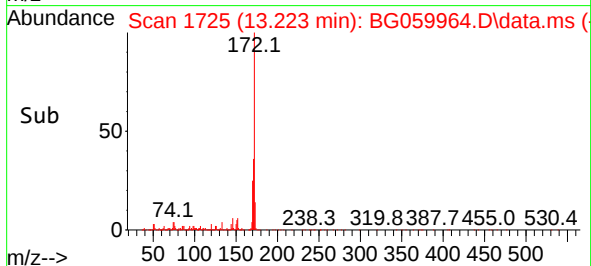
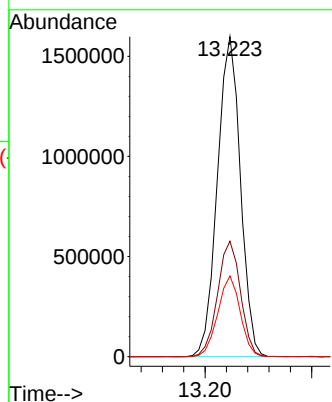
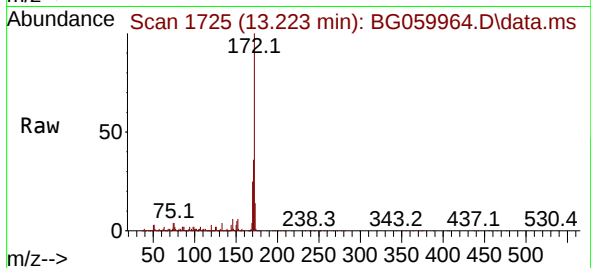




#45
2-Fluorobiphenyl
Concen: 84.804 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

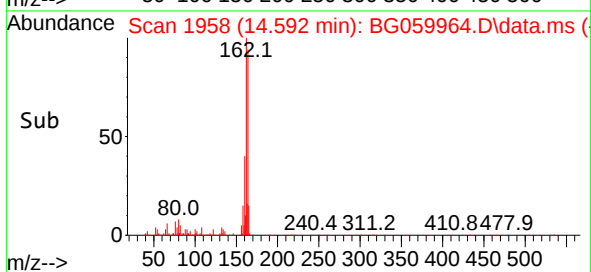
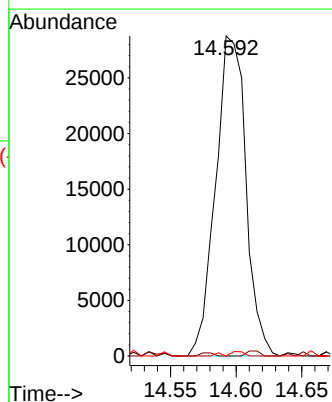
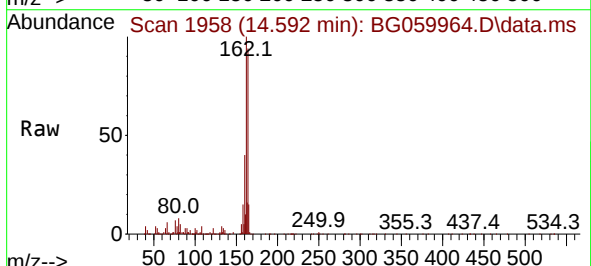
Instrument :
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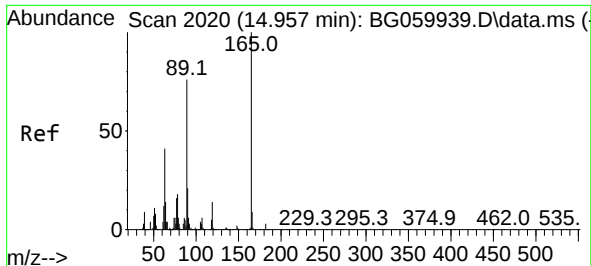
Tgt Ion:172 Resp: 2396643
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 25.3 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 8.013 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.423 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

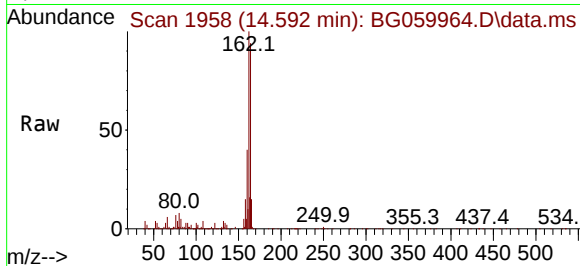
Tgt Ion:165 Resp: 46066
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 57.1 85.7#



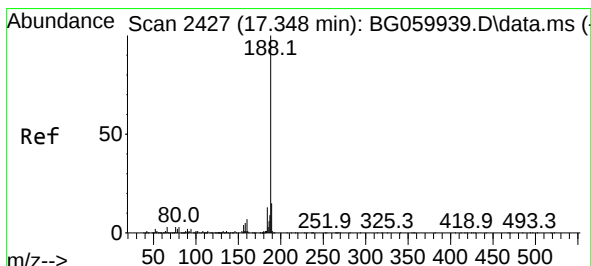
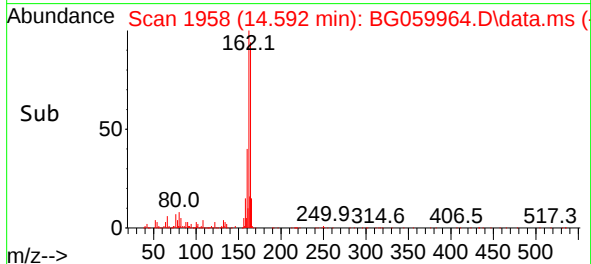
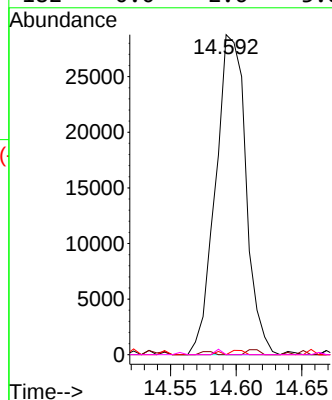


#57
2,4-Dinitrotoluene
Concen: 5.761 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.365 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB157546BL

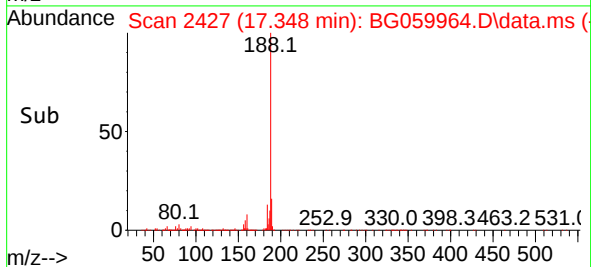
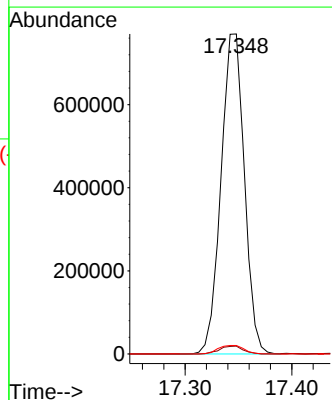
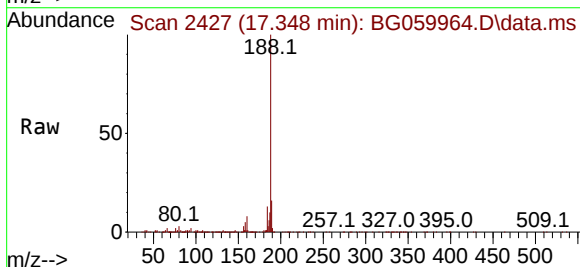


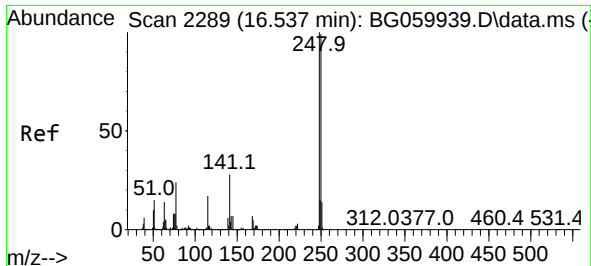
Tgt Ion:165 Resp: 46066
Ion Ratio Lower Upper
165 100
63 0.0 32.8 49.2#
89 0.0 60.6 90.8#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Tgt Ion:188 Resp: 1170598
Ion Ratio Lower Upper
188 100
94 2.5 1.8 2.6
80 2.6 2.2 3.4

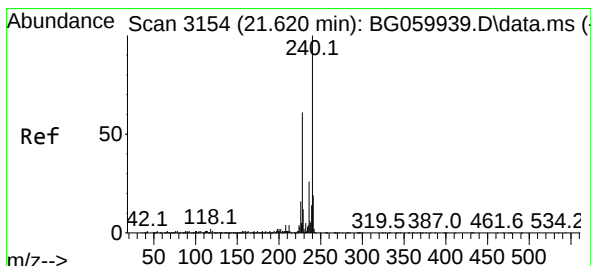
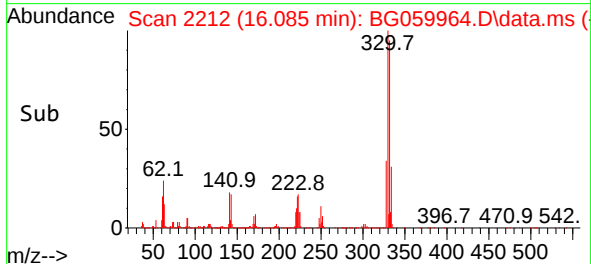
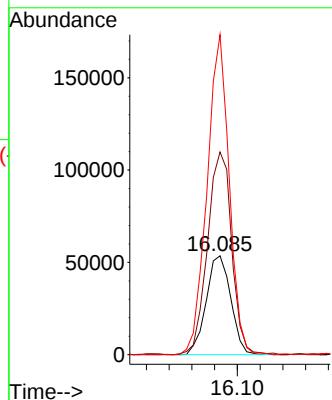
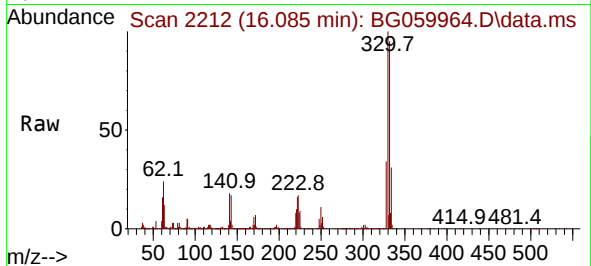




#67
4-Bromophenyl-phenylether
Concen: 4.017 ng
RT: 16.085 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

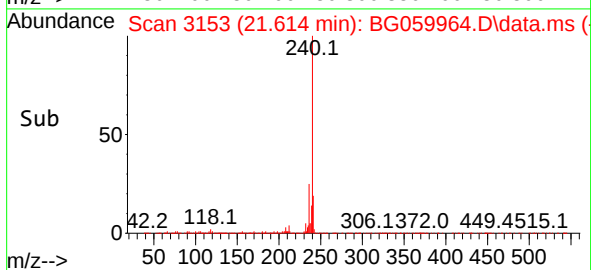
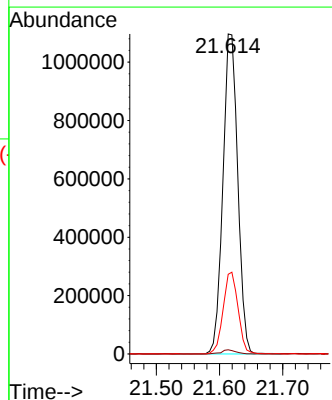
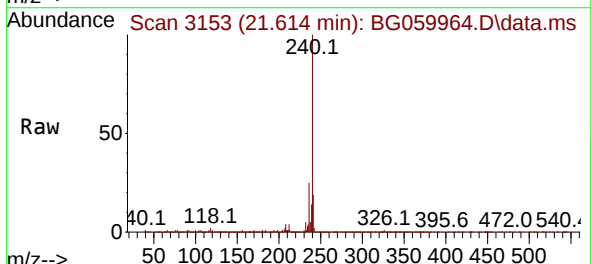
Instrument :
BNA_G
ClientSampleId :
PB157546BL

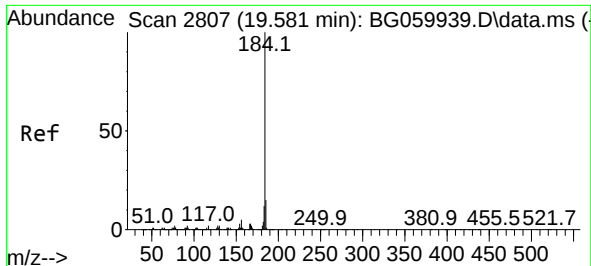
Tgt Ion:248 Resp: 80557
Ion Ratio Lower Upper
248 100
250 153.1 79.0 118.4#
141 241.6 22.3 33.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Tgt Ion:240 Resp: 1785941
Ion Ratio Lower Upper
240 100
120 1.3 1.0 1.4
236 24.9 20.8 31.2

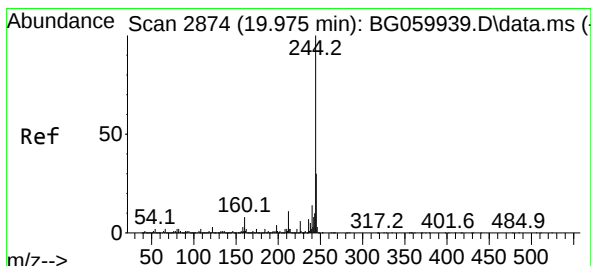
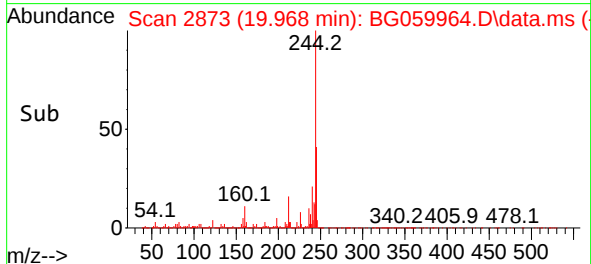
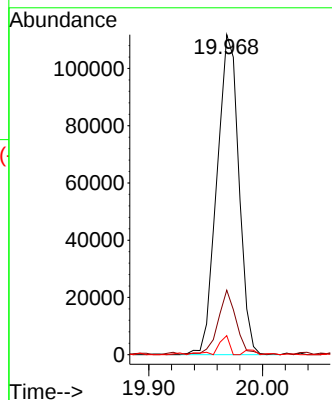
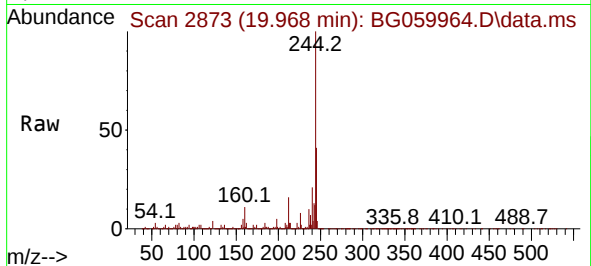




#77
Benzidine
Concen: 9.955 ng
RT: 19.968 min Scan# 2873
Delta R.T. 0.387 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

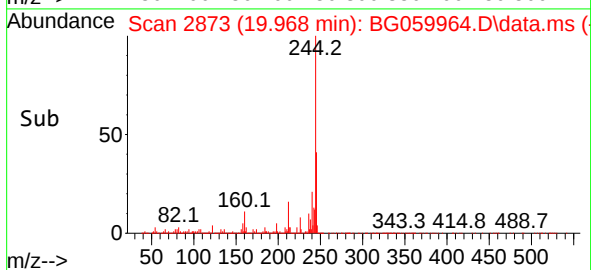
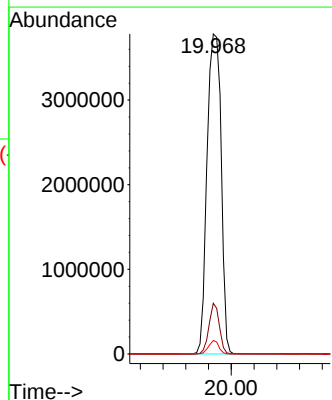
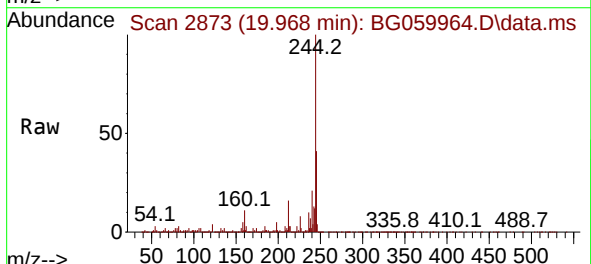
Instrument :
BNA_G
ClientSampleId :
PB157546BL

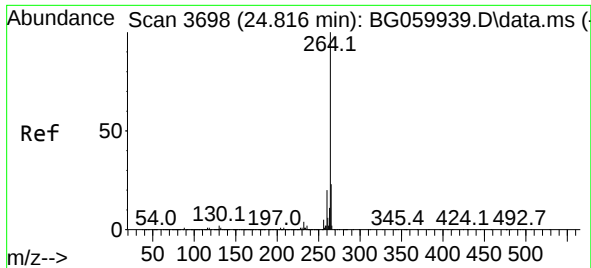
Tgt Ion:184 Resp: 149849
Ion Ratio Lower Upper
184 100
185 20.1 12.0 18.0#
183 6.0 9.7 14.5#



#79
Terphenyl-d14
Concen: 62.340 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.007 min
Lab File: BG059964.D
Acq: 6 Dec 2023 11:10

Tgt Ion:244 Resp: 6458362
Ion Ratio Lower Upper
244 100
212 15.9 8.6 13.0#
122 4.2 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: BG059964.D
Acq: 6 Dec 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB157546BL

Tgt Ion:264 Resp: 2069458

Ion	Ratio	Lower	Upper
264	100		
260	23.7	15.8	23.6#
265	22.3	18.1	27.1

