

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058861.D
 Acq On : 25 Aug 2023 22:50
 Operator : MA/JU
 Sample : 04109-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-06(4-5)

Quant Time: Aug 26 09:19:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

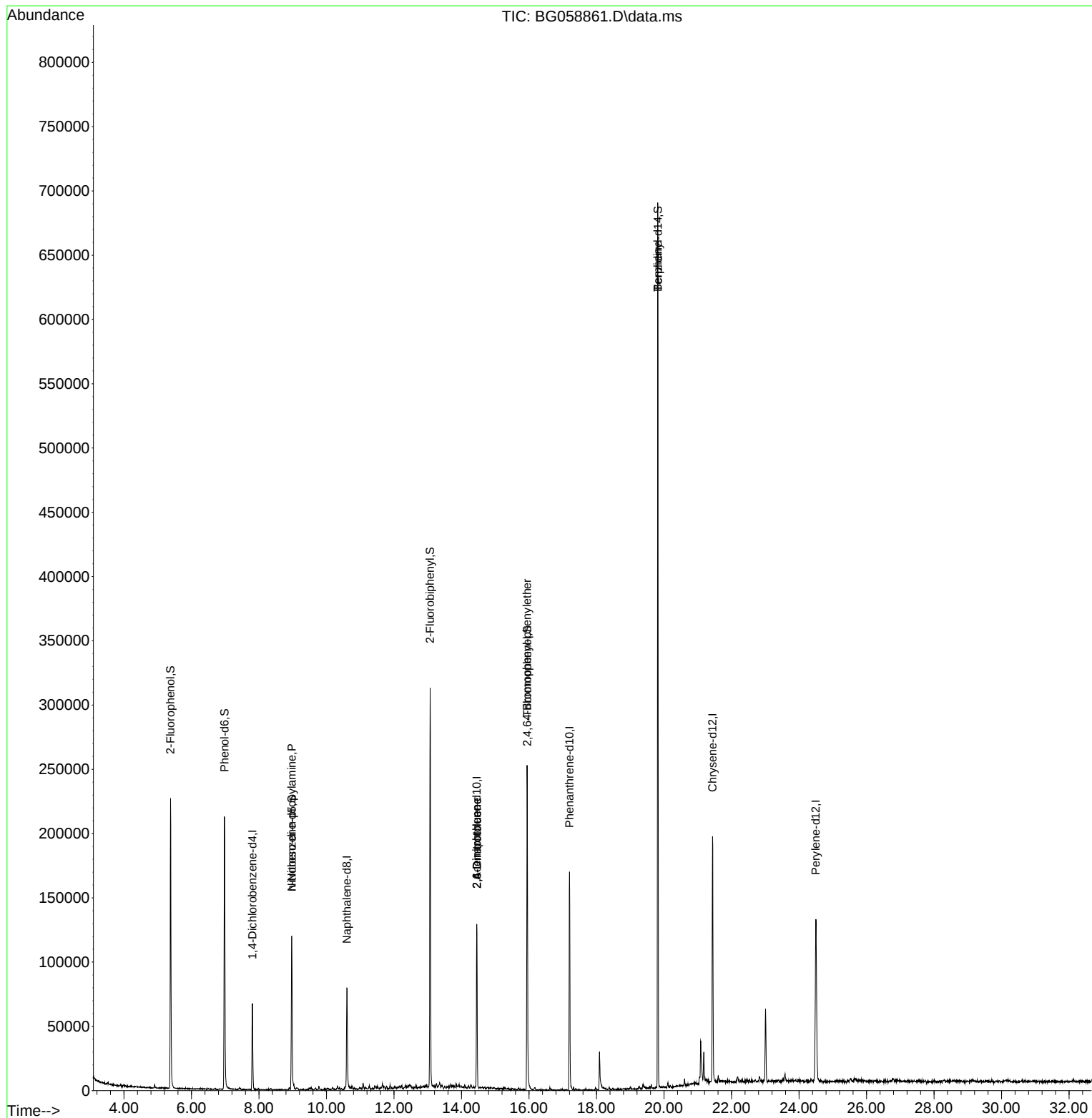
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	19874	20.000	ng	-0.02
21) Naphthalene-d8	10.602	136	72310	20.000	ng	-0.03
39) Acenaphthene-d10	14.451	164	48926	20.000	ng	-0.02
64) Phenanthrene-d10	17.201	188	121053	20.000	ng	-0.02
76) Chrysene-d12	21.437	240	118465	20.000	ng	-0.03
86) Perylene-d12	24.498	264	141976	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	94563	76.571	ng	-0.02
7) Phenol-d6	6.977	99	121194	69.945	ng	-0.03
23) Nitrobenzene-d5	8.969	82	73370	48.782	ng	-0.03
42) 2,4,6-Tribromophenol	15.949	330	61340	79.958	ng	-0.02
45) 2-Fluorobiphenyl	13.070	172	177071	52.639	ng	-0.03
79) Terphenyl-d14	19.815	244	342346	51.890	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.969	70	9930	8.866	ng	# 81
51) 2,6-Dinitrotoluene	14.457	165	6392	8.032	ng	# 25
57) 2,4-Dinitrotoluene	14.457	165	6392	5.758	ng	# 21
67) 4-Bromophenyl-phenylether	15.943	248	3524	2.653	ng	# 1
77) Benzidine	19.815	184	5015	2.362	ng	# 85

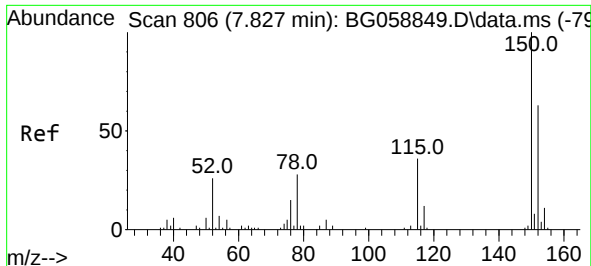
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
Data File : BG058861.D
Acq On : 25 Aug 2023 22:50
Operator : MA/JU
Sample : 04109-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

Quant Time: Aug 26 09:19:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 09:13:37 2023
Response via : Initial Calibration

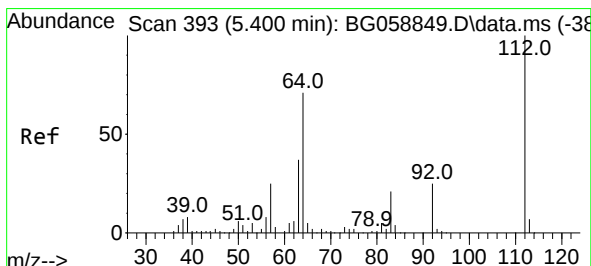
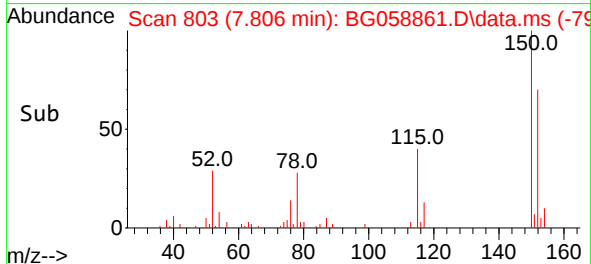
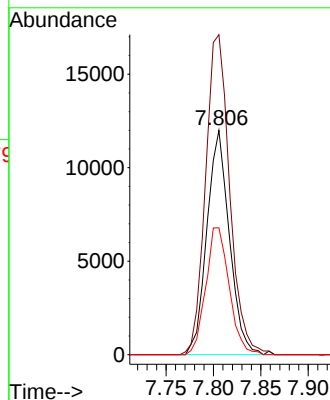
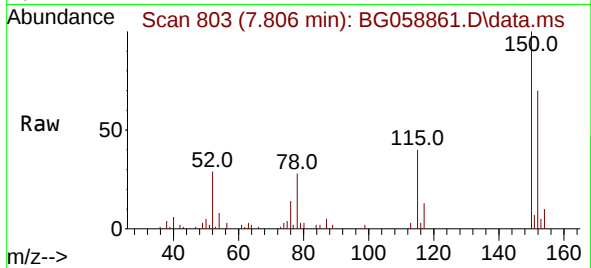




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 806
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

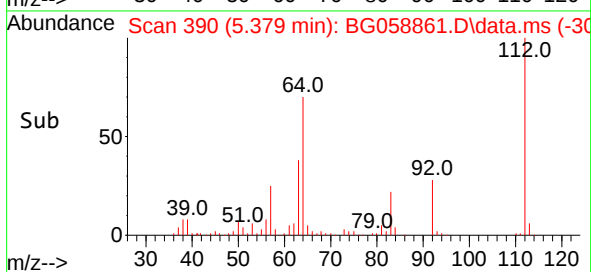
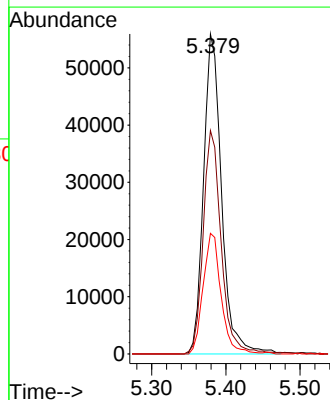
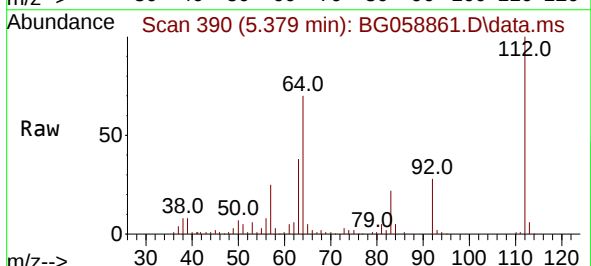
Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

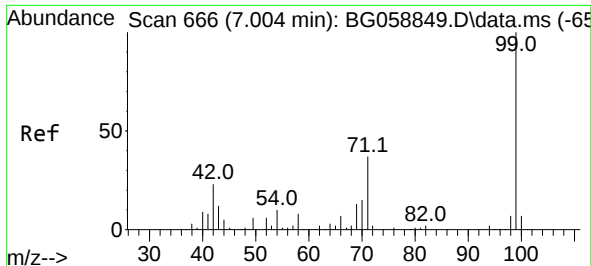
Tgt Ion:152 Resp: 19874
Ion Ratio Lower Upper
152 100
150 142.6 128.6 192.8
115 56.5 50.4 75.6



#5
2-Fluorophenol
Concen: 76.571 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion:112 Resp: 94563
Ion Ratio Lower Upper
112 100
64 69.8 60.6 90.8
63 37.7 31.0 46.4

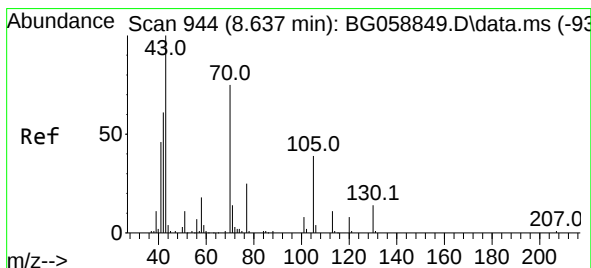
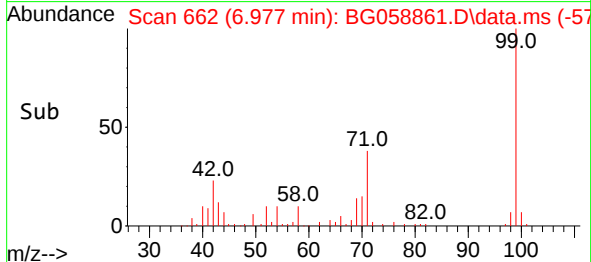
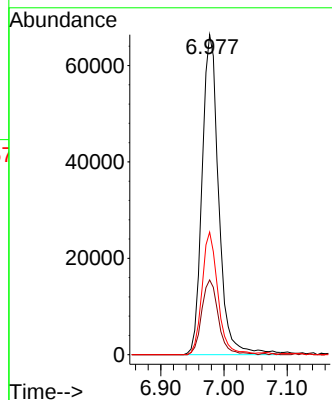
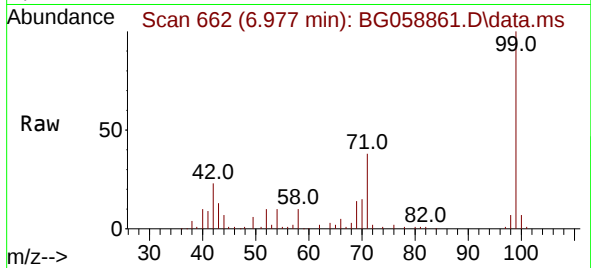




#7
Phenol-d6
Concen: 69.945 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.027 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

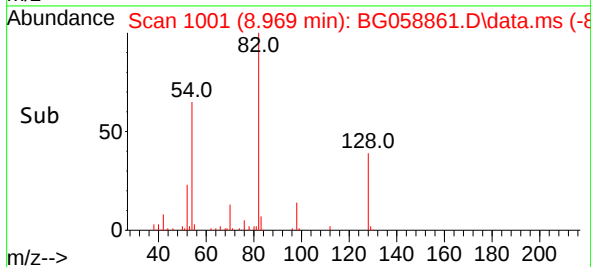
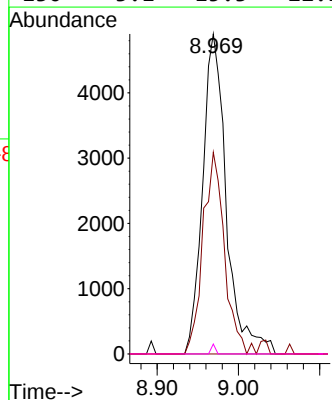
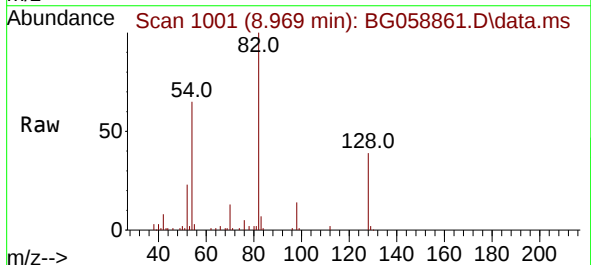
Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

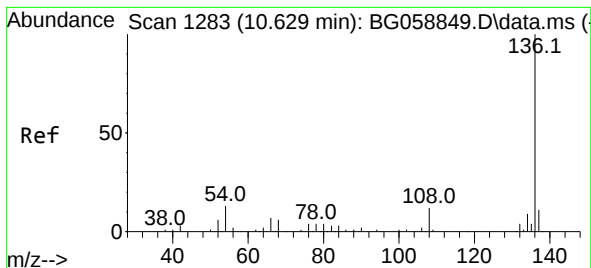
Tgt Ion: 99 Resp: 121194
Ion Ratio Lower Upper
99 100
42 23.4 16.5 24.7
71 38.3 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.866 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.332 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion: 70 Resp: 9930
Ion Ratio Lower Upper
70 100
42 63.0 59.2 88.8
101 0.0 8.2 12.2#
130 3.1 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.602 min Scan# 11

Delta R.T. -0.027 min

Lab File: BG058861.D

Acq: 25 Aug 2023 22:50

Instrument :

BNA_G

ClientSampleId :

TP-06(4-5)

Tgt Ion:136 Resp: 72310

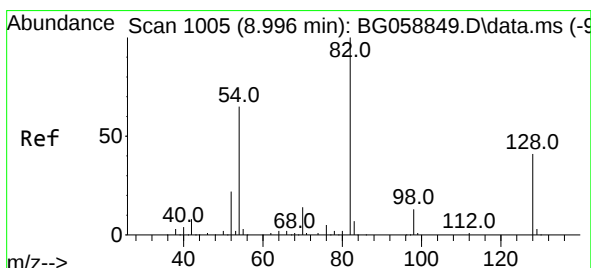
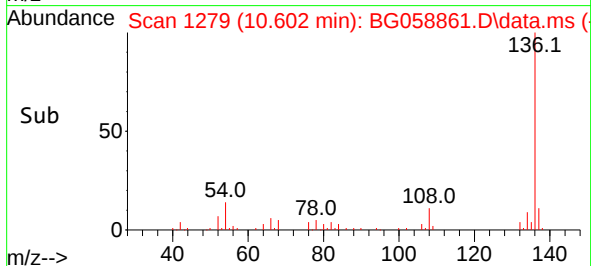
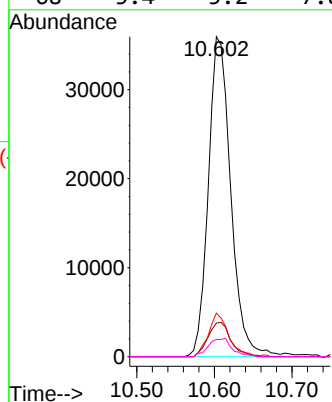
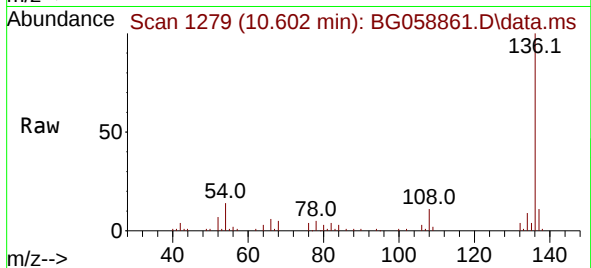
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 13.6 10.1 15.1

68 5.4 5.2 7.8



#23

Nitrobenzene-d5

Concen: 48.782 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.027 min

Lab File: BG058861.D

Acq: 25 Aug 2023 22:50

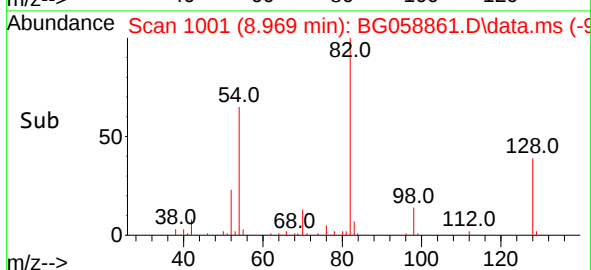
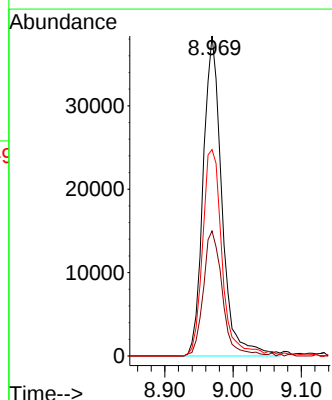
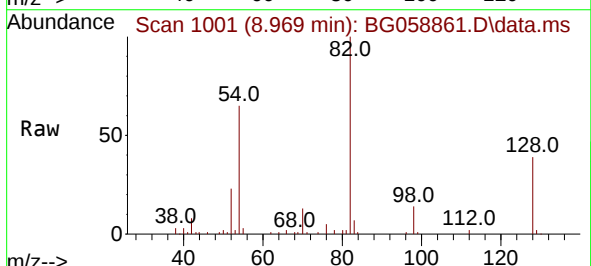
Tgt Ion: 82 Resp: 73370

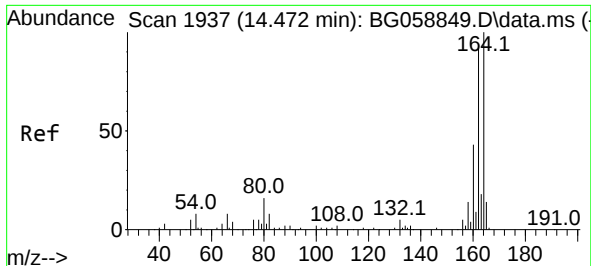
Ion Ratio Lower Upper

82 100

128 39.0 33.2 49.8

54 64.5 51.2 76.8

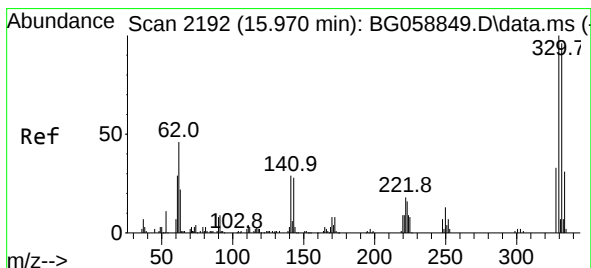
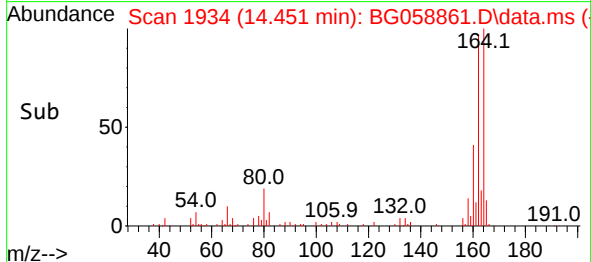
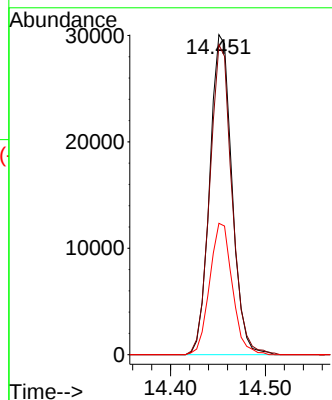
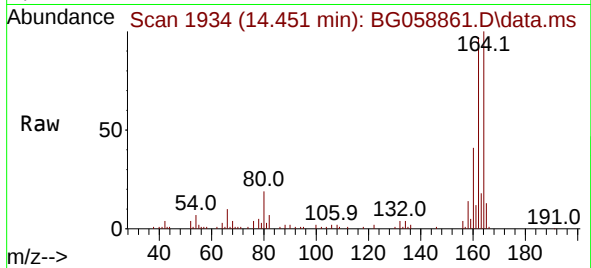




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

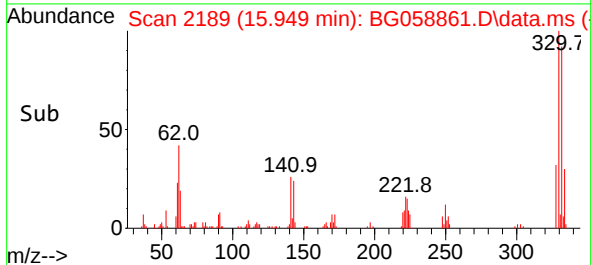
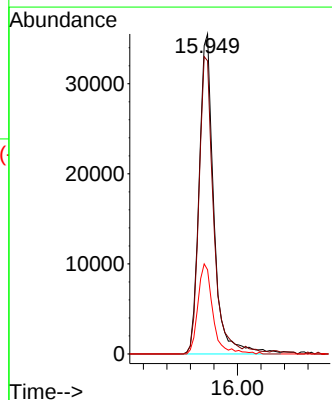
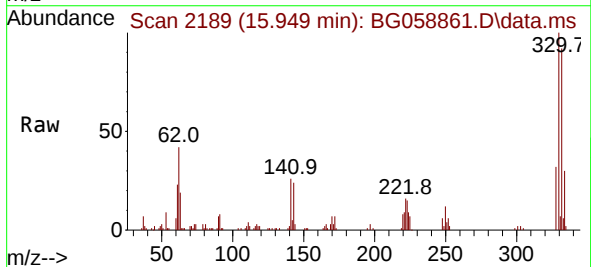
Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

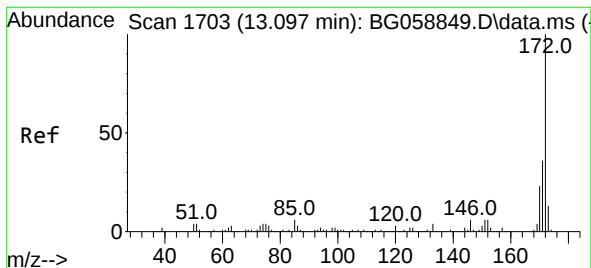
Tgt Ion:164 Resp: 48926
Ion Ratio Lower Upper
164 100
162 96.9 79.6 119.4
160 41.1 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 79.958 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion:330 Resp: 61340
Ion Ratio Lower Upper
330 100
332 91.6 78.5 117.7
141 28.8 23.0 34.6

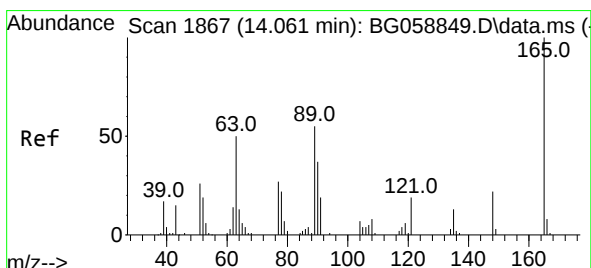
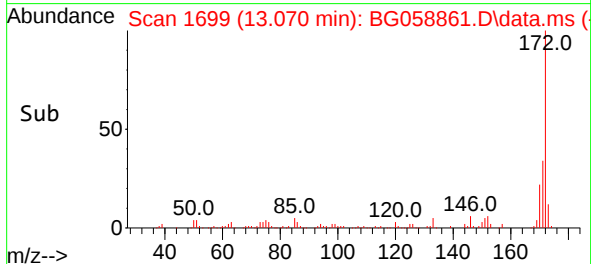
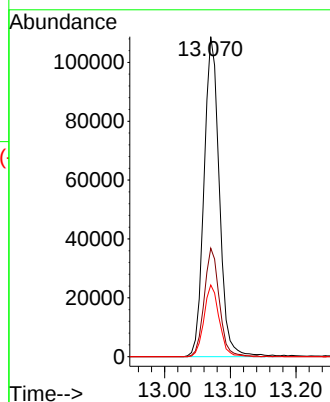
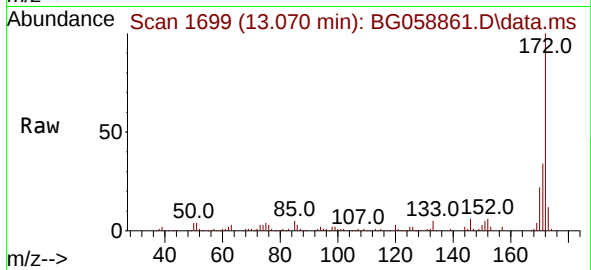




#45
2-Fluorobiphenyl
Concen: 52.639 ng
RT: 13.070 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

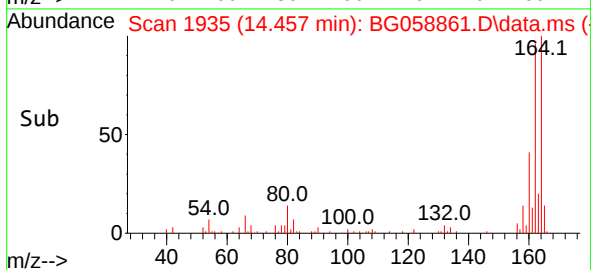
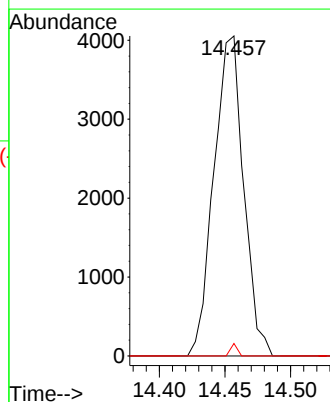
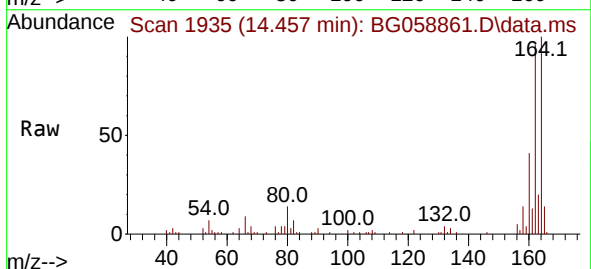
Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

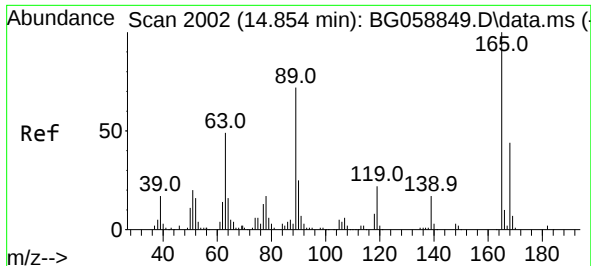
Tgt Ion:172 Resp: 177071
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.032 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.396 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

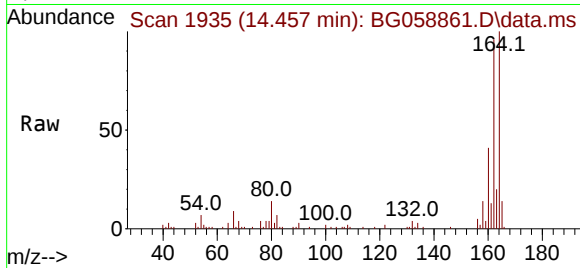
Tgt Ion:165 Resp: 6392
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 3.9 45.0 67.4#



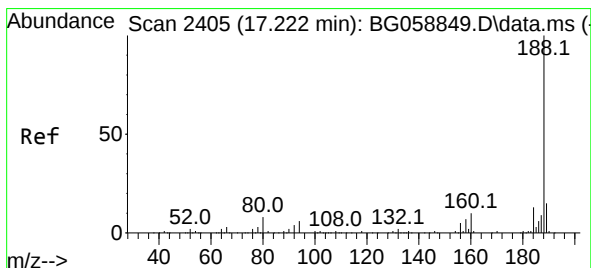
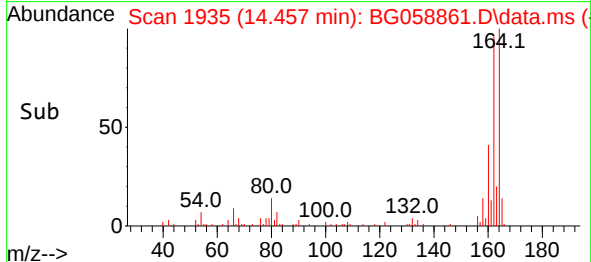
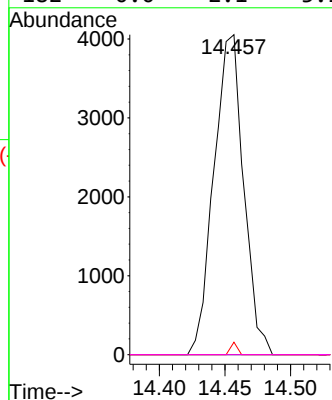


#57
2,4-Dinitrotoluene
Concen: 5.758 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.397 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

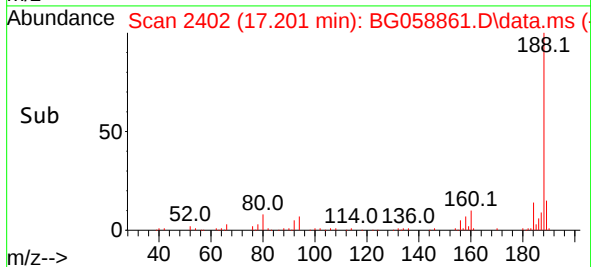
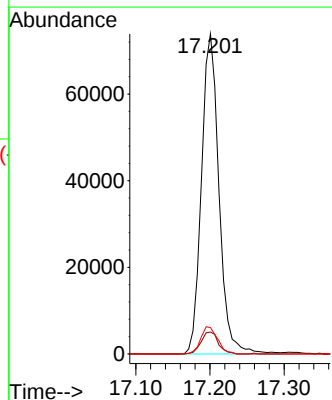
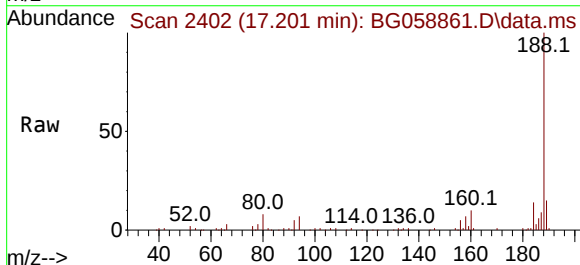


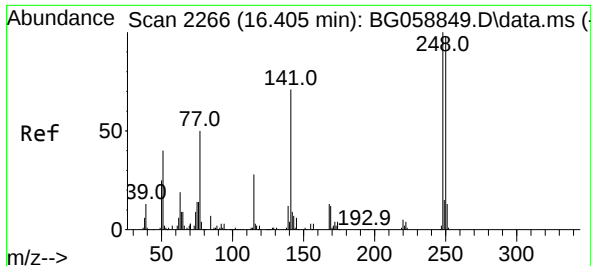
Tgt Ion:165 Resp: 6392
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 3.9 60.7 91.1#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion:188 Resp: 121053
Ion Ratio Lower Upper
188 100
94 6.8 6.1 9.1
80 8.3 6.9 10.3

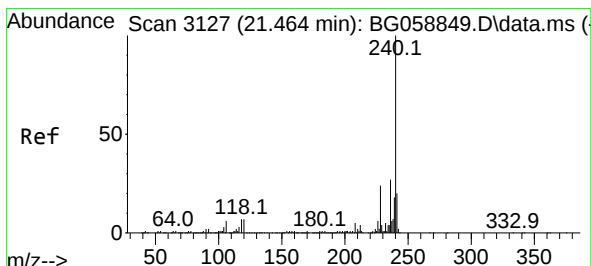
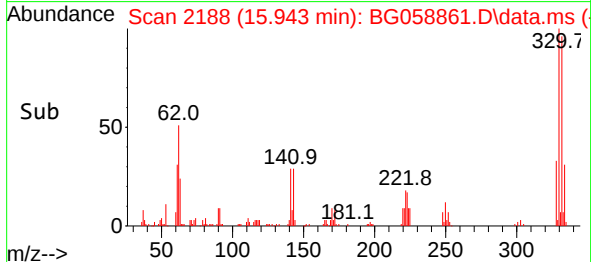
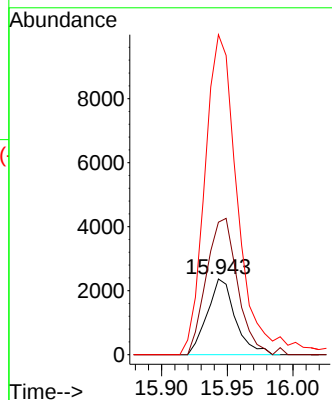
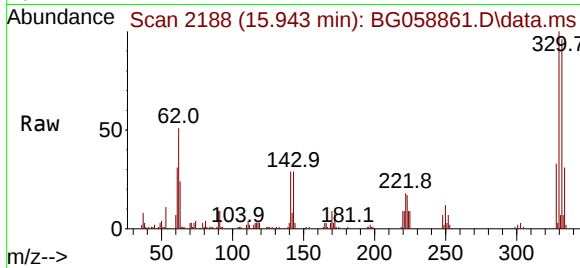




#67
4-Bromophenyl-phenylether
Concen: 2.653 ng
RT: 15.943 min Scan# 2118
Delta R.T. -0.462 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

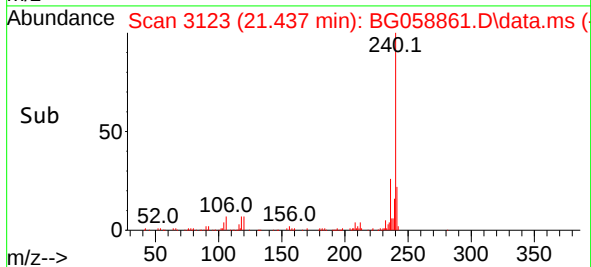
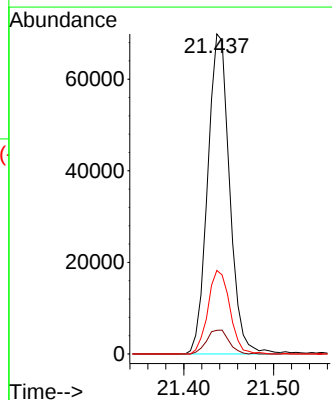
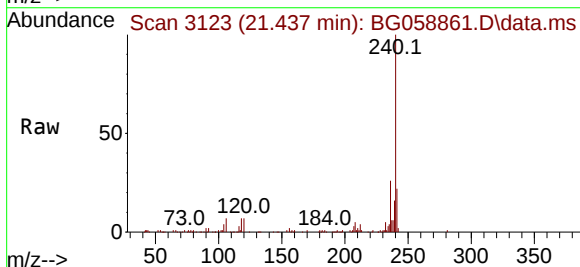
Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

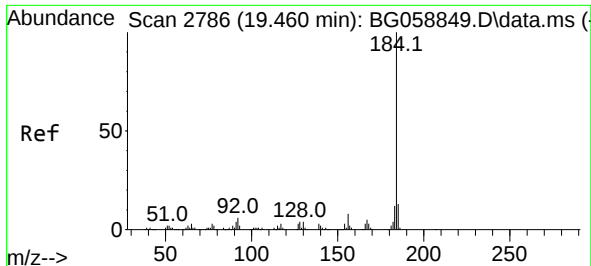
Tgt Ion:248 Resp: 3524
Ion Ratio Lower Upper
248 100
250 175.0 77.7 116.5#
141 422.5 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.027 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion:240 Resp: 118465
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.2
236 26.1 20.5 30.7

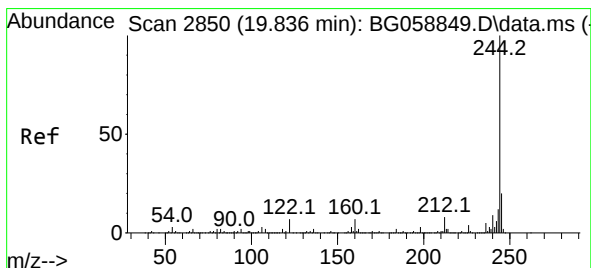
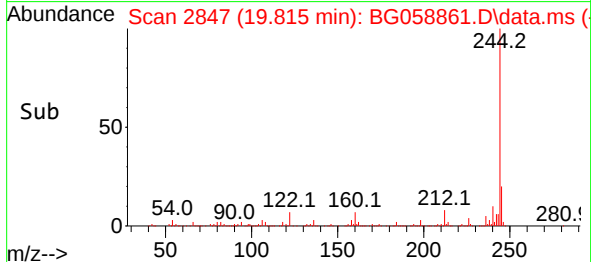
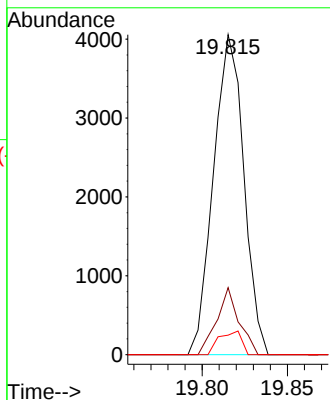
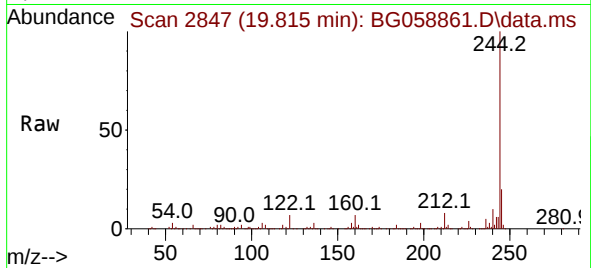




#77
Benzidine
Concen: 2.362 ng
RT: 19.815 min Scan# 2847
Delta R.T. 0.355 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

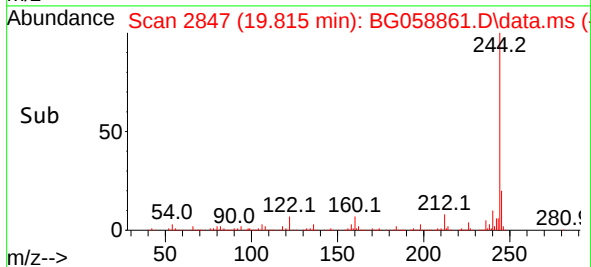
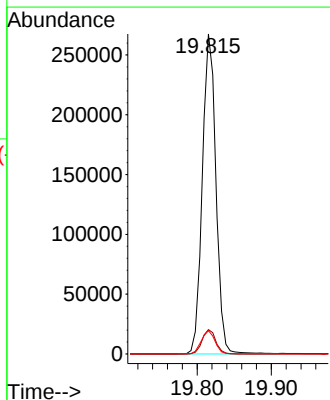
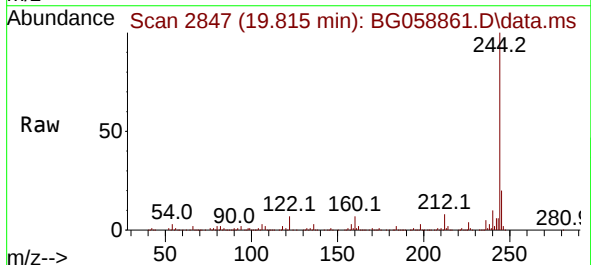
Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

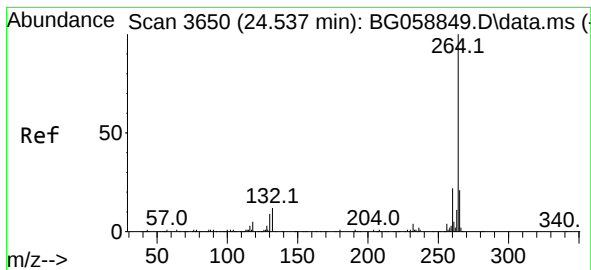
Tgt Ion:184 Resp: 5015
Ion Ratio Lower Upper
184 100
185 21.0 11.9 17.9#
183 6.1 10.0 15.0#



#79
Terphenyl-d14
Concen: 51.890 ng
RT: 19.815 min Scan# 2847
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion:244 Resp: 342346
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.3 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.498 min Scan# 3

Delta R.T. -0.039 min

Lab File: BG058861.D

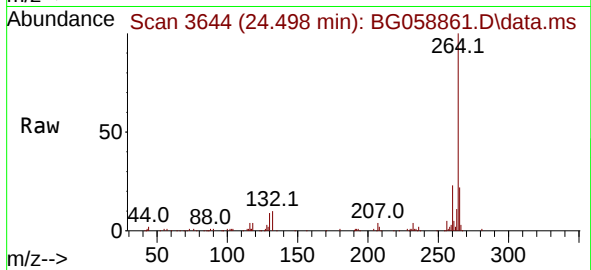
Acq: 25 Aug 2023 22:50

Instrument :

BNA_G

ClientSampleId :

TP-06(4-5)



Tgt Ion:264 Resp: 141976

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.7 16.4 24.6

