

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058860.D
 Acq On : 25 Aug 2023 22:08
 Operator : MA/JU
 Sample : 04109-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-04(6-7)

Quant Time: Aug 26 09:19:24 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)

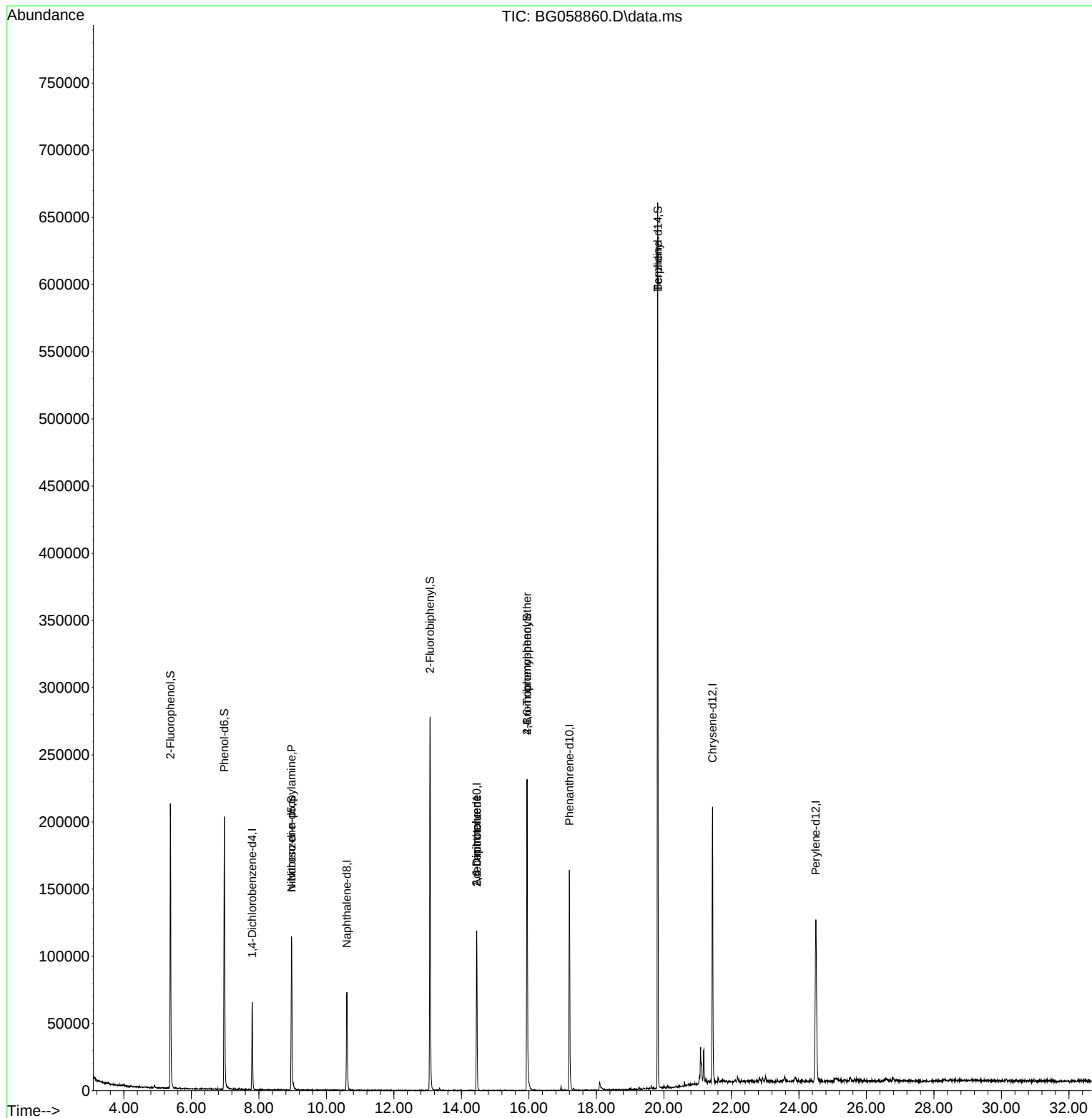
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	18512	20.000	ng	-0.02
21) Naphthalene-d8	10.606	136	70834	20.000	ng	-0.02
39) Acenaphthene-d10	14.455	164	48425	20.000	ng	-0.02
64) Phenanthrene-d10	17.199	188	123332	20.000	ng	-0.02
76) Chrysene-d12	21.441	240	124158	20.000	ng	-0.02
86) Perylene-d12	24.502	264	145837	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.377	112	90405	78.590	ng	-0.02
7) Phenol-d6	6.975	99	115706	71.691	ng	-0.03
23) Nitrobenzene-d5	8.967	82	73950	50.193	ng	-0.03
42) 2,4,6-Tribromophenol	15.947	330	60964	80.290	ng	-0.02
45) 2-Fluorobiphenyl	13.074	172	172731	51.880	ng	-0.02
79) Terphenyl-d14	19.819	244	363079	52.509	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.967	70	9103	8.725	ng	# 72
51) 2,6-Dinitrotoluene	14.455	165	6268	7.957	ng	# 22
57) 2,4-Dinitrotoluene	14.455	165	6268	5.705	ng	# 19
67) 4-Bromophenyl-phenylether	15.947	248	3663	2.707	ng	# 1
77) Benzidine	19.819	184	5174	2.325	ng	# 88

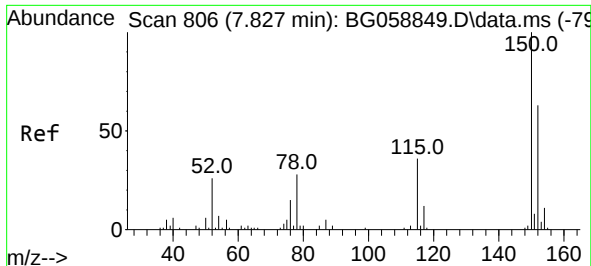
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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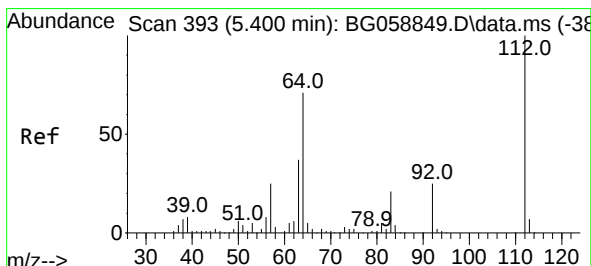
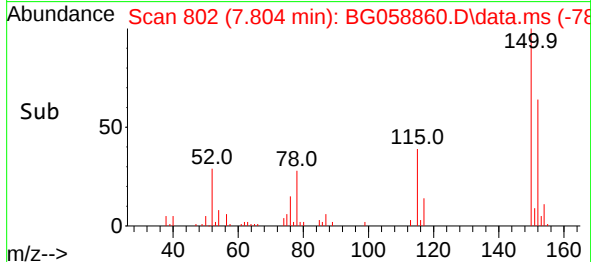
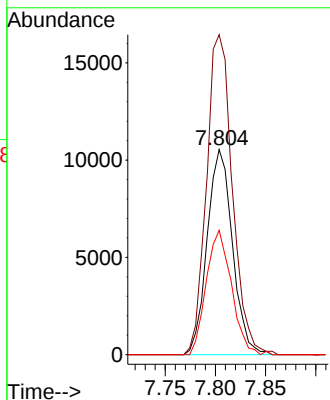
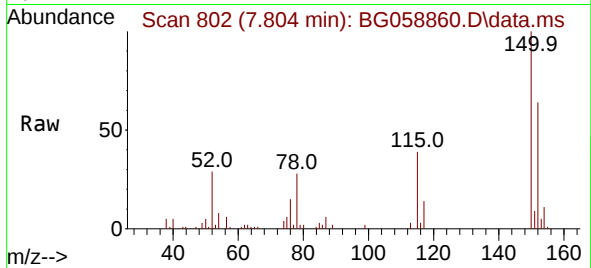




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 806
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

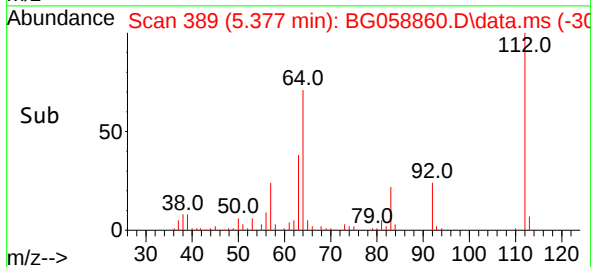
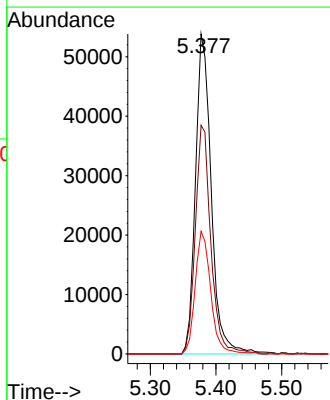
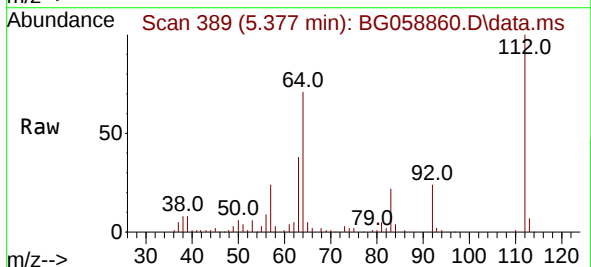
Instrument :
BNA_G
ClientSampleId :
TP-04(6-7)

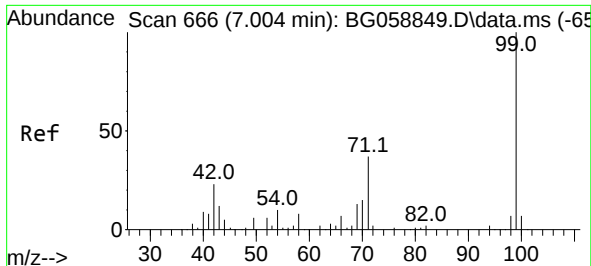
Tgt Ion:152 Resp: 18512
Ion Ratio Lower Upper
152 100
150 156.0 128.6 192.8
115 60.6 50.4 75.6



#5
2-Fluorophenol
Concen: 78.590 ng
RT: 5.377 min Scan# 389
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

Tgt Ion:112 Resp: 90405
Ion Ratio Lower Upper
112 100
64 71.4 60.6 90.8
63 38.3 31.0 46.4

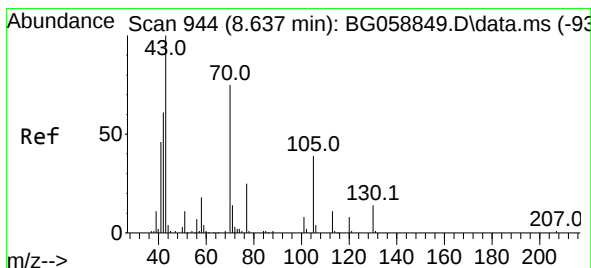
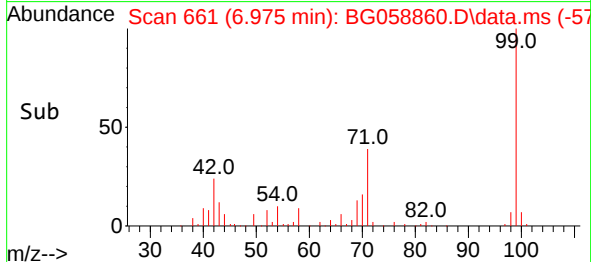
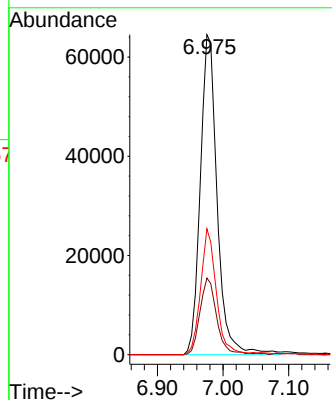
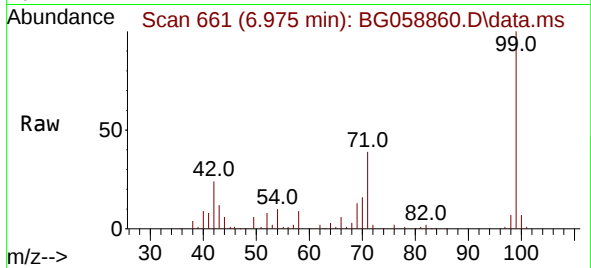




#7
Phenol-d6
Concen: 71.691 ng
RT: 6.975 min Scan# 60
Delta R.T. -0.029 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

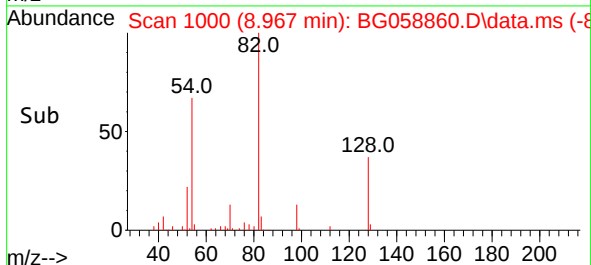
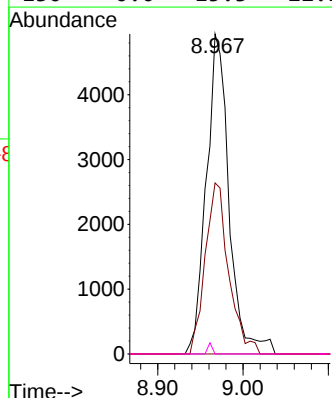
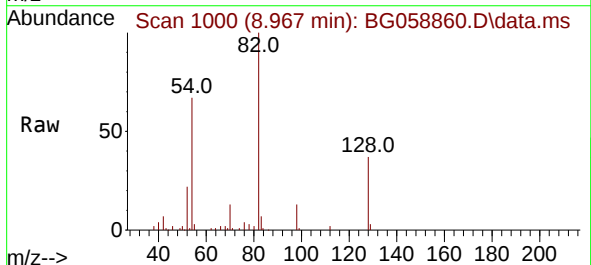
Instrument :
BNA_G
ClientSampleId :
TP-04(6-7)

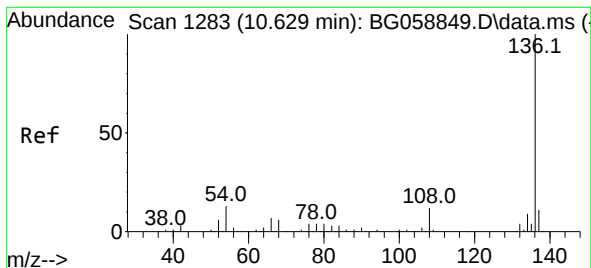
Tgt Ion: 99 Resp: 115706
Ion Ratio Lower Upper
99 100
42 23.9 16.5 24.7
71 39.3 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.725 ng
RT: 8.967 min Scan# 1000
Delta R.T. 0.330 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

Tgt Ion: 70 Resp: 9103
Ion Ratio Lower Upper
70 100
42 53.4 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

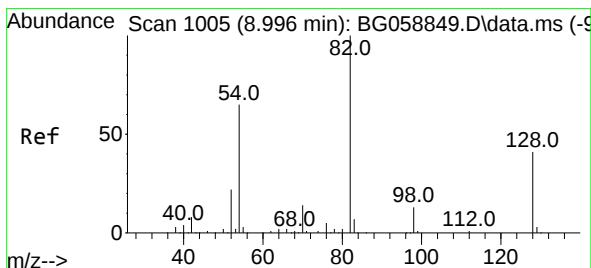
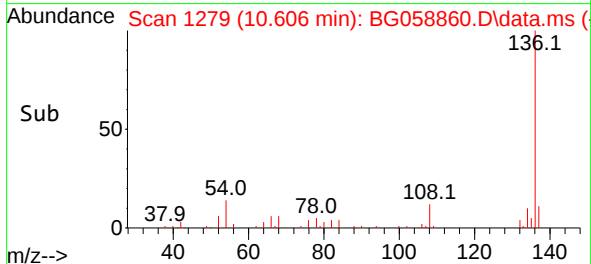
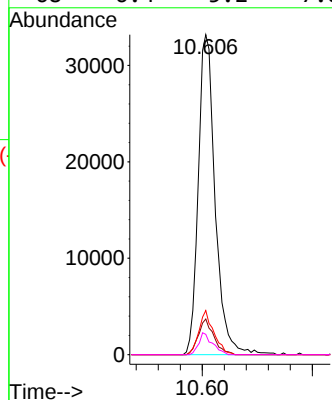
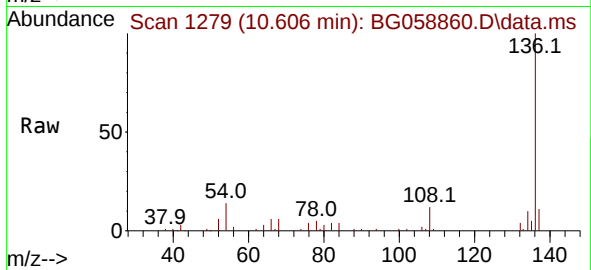




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

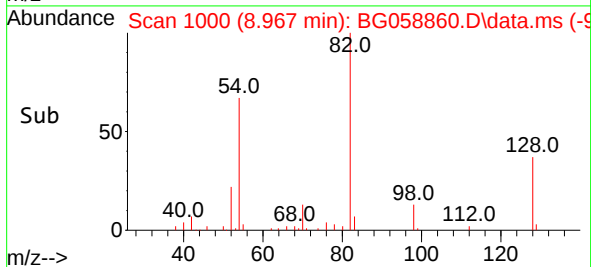
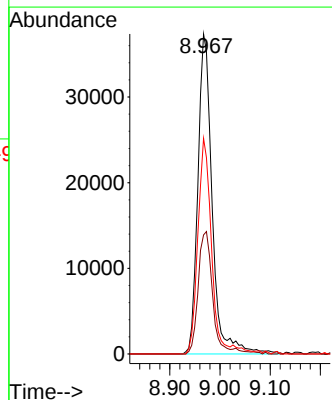
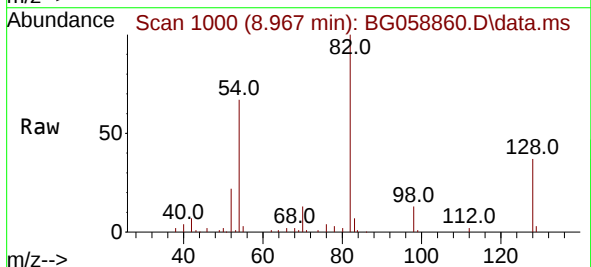
Instrument :
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ClientSampleId :
TP-04(6-7)

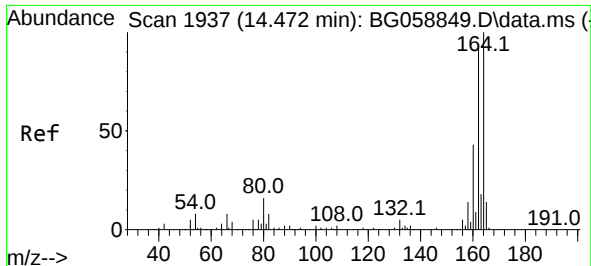
Tgt Ion:	136	Resp:	70834
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	13.8	10.1	15.1
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 50.193 ng
RT: 8.967 min Scan# 1000
Delta R.T. -0.029 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

Tgt Ion:	82	Resp:	73950
Ion Ratio	Lower	Upper	
82	100		
128	37.2	33.2	49.8
54	67.4	51.2	76.8

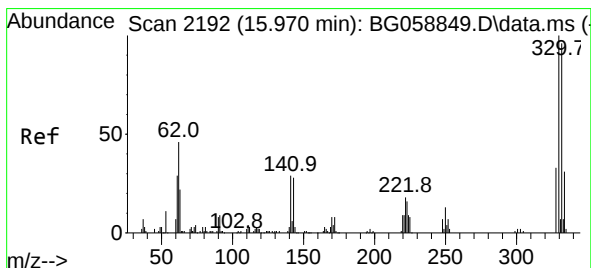
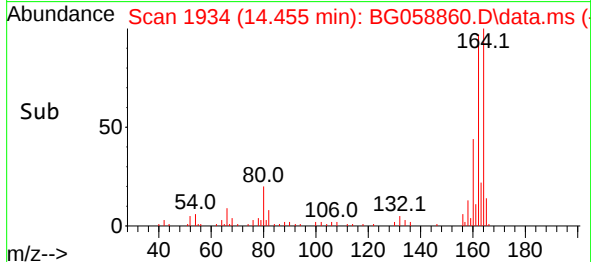
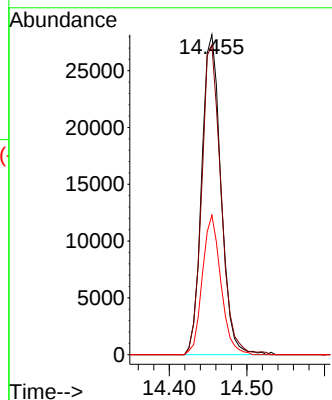
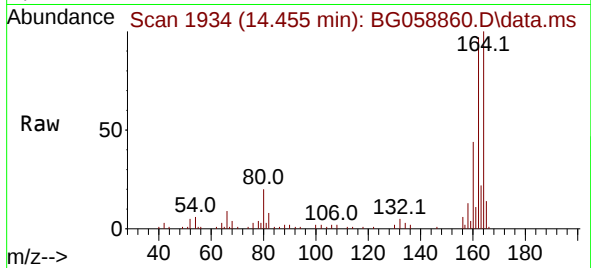




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.455 min Scan# 1934
Delta R.T. -0.017 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

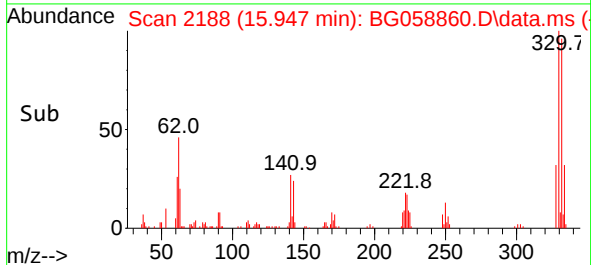
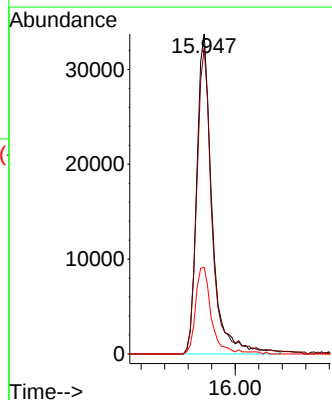
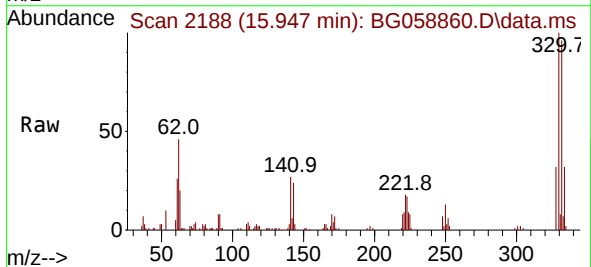
Instrument :
BNA_G
ClientSampleId :
TP-04(6-7)

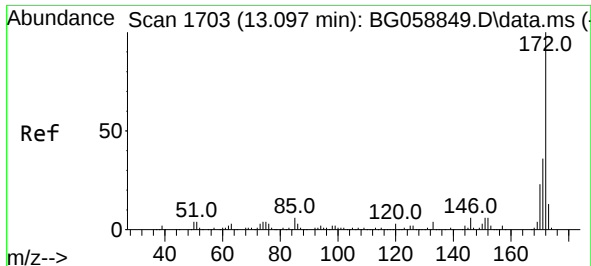
Tgt Ion:164 Resp: 48425
Ion Ratio Lower Upper
164 100
162 96.7 79.6 119.4
160 43.6 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 80.290 ng
RT: 15.947 min Scan# 2188
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

Tgt Ion:330 Resp: 60964
Ion Ratio Lower Upper
330 100
332 96.8 78.5 117.7
141 27.2 23.0 34.6

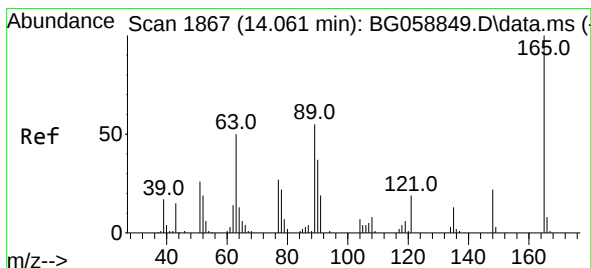
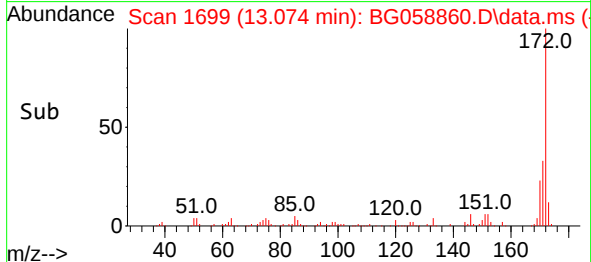
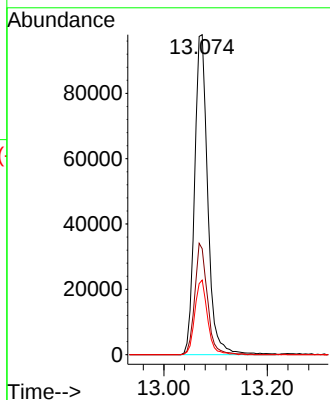
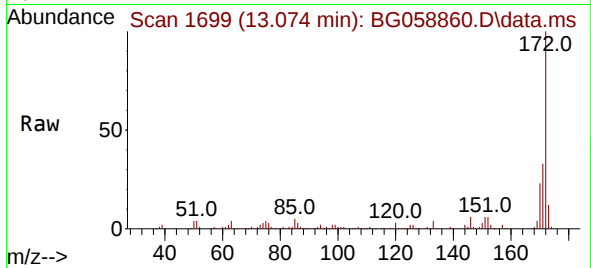




#45
2-Fluorobiphenyl
Concen: 51.880 ng
RT: 13.074 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

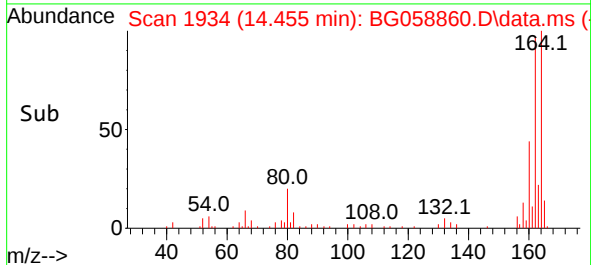
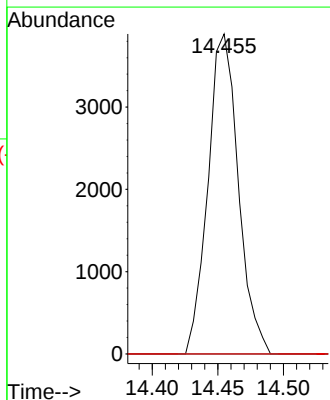
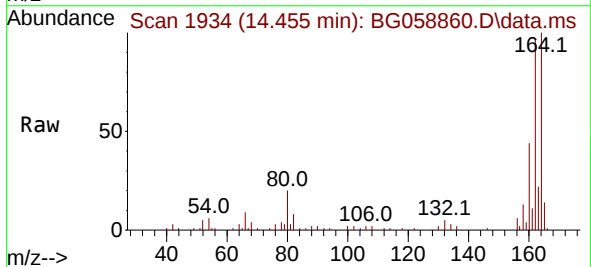
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TP-04(6-7)

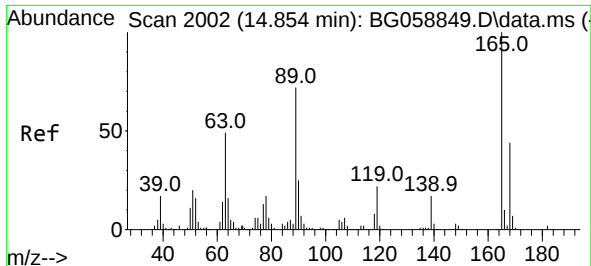
Tgt Ion:172 Resp: 172731
Ion Ratio Lower Upper
172 100
171 33.1 28.1 42.1
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.957 ng
RT: 14.455 min Scan# 1934
Delta R.T. 0.394 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

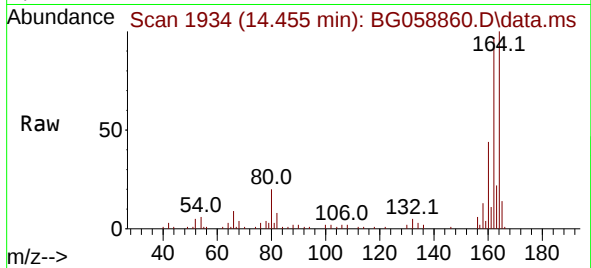
Tgt Ion:165 Resp: 6268
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



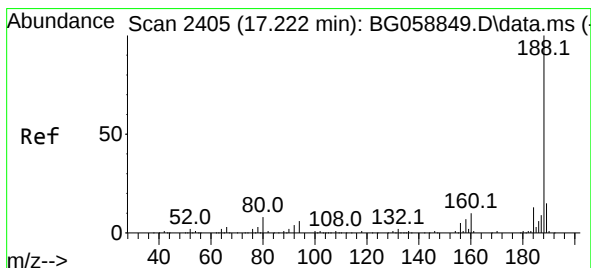
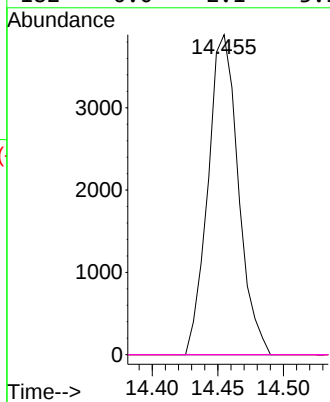
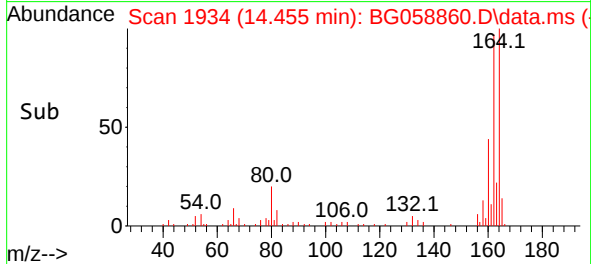


#57
2,4-Dinitrotoluene
Concen: 5.705 ng
RT: 14.455 min Scan# 1934
Delta R.T. -0.399 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

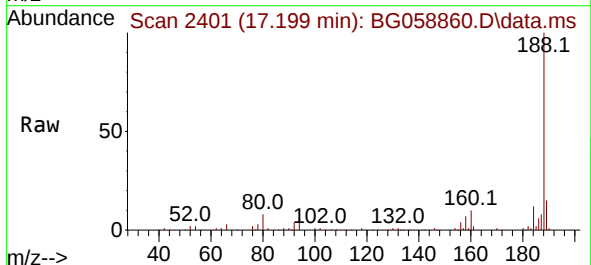
Instrument :
BNA_G
ClientSampleId :
TP-04(6-7)



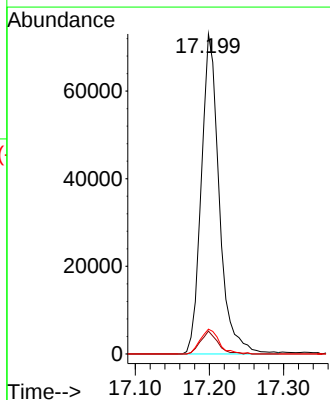
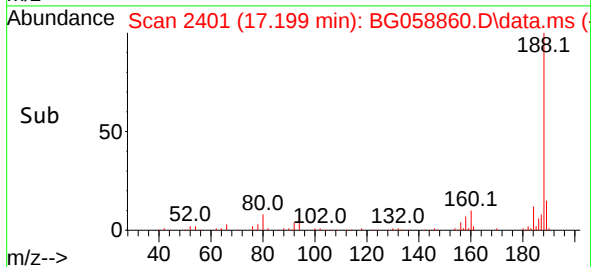
Tgt Ion:165 Resp: 6268
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#

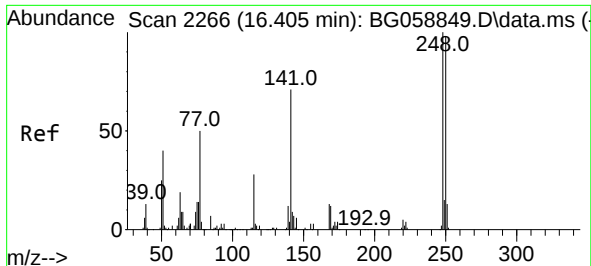


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.199 min Scan# 2401
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08



Tgt Ion:188 Resp: 123332
Ion Ratio Lower Upper
188 100
94 7.2 6.1 9.1
80 7.8 6.9 10.3

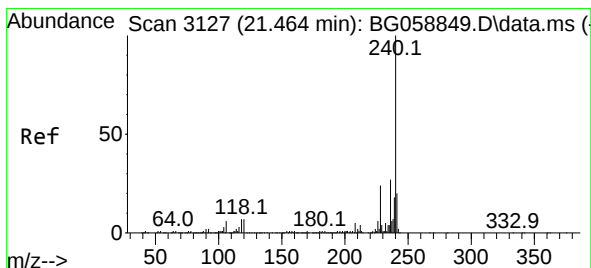
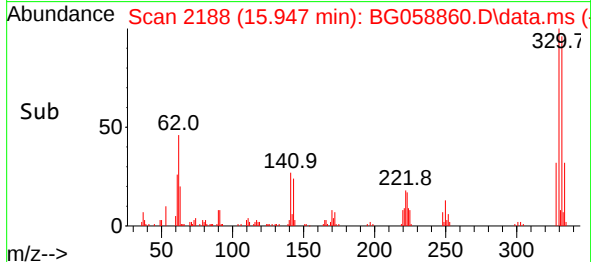
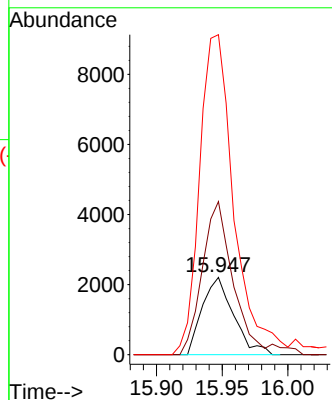
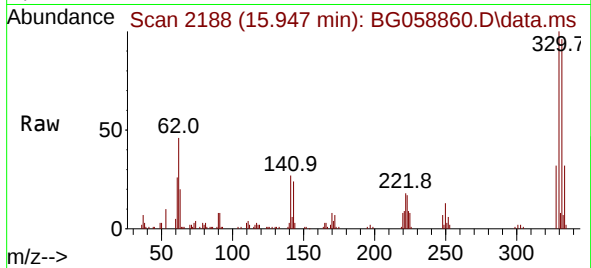




#67
4-Bromophenyl-phenylether
Concen: 2.707 ng
RT: 15.947 min Scan# 2118
Delta R.T. -0.458 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

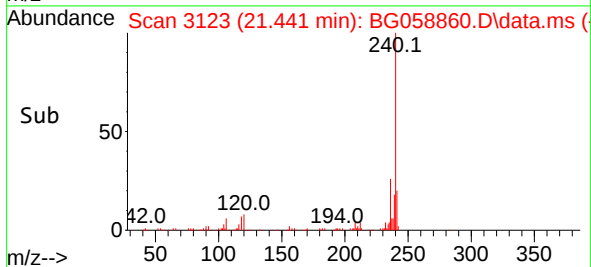
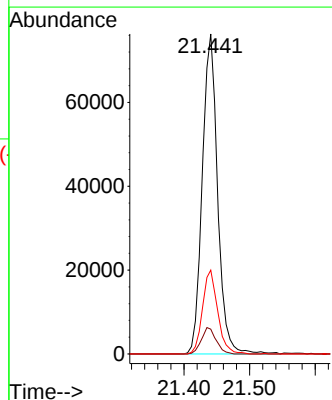
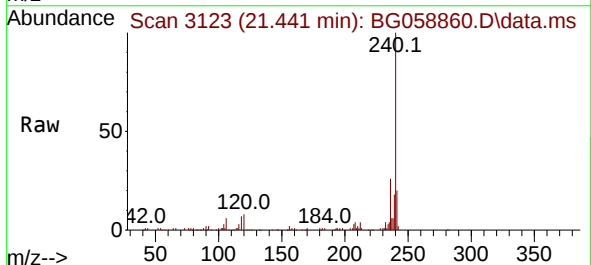
Instrument :
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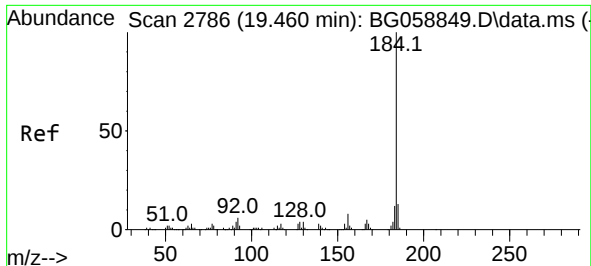
Tgt Ion:248 Resp: 3663
Ion Ratio Lower Upper
248 100
250 198.1 77.7 116.5#
141 414.0 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.441 min Scan# 3123
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

Tgt Ion:240 Resp: 124158
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 26.2 20.5 30.7

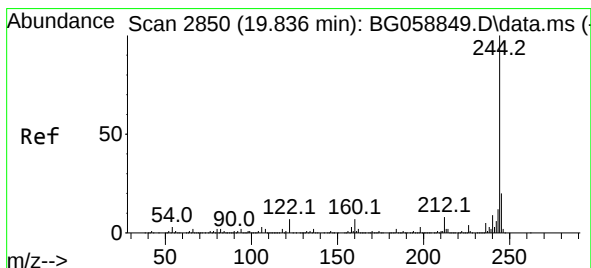
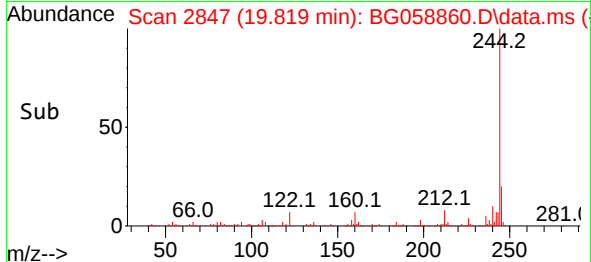
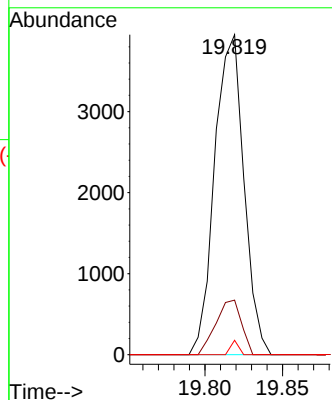
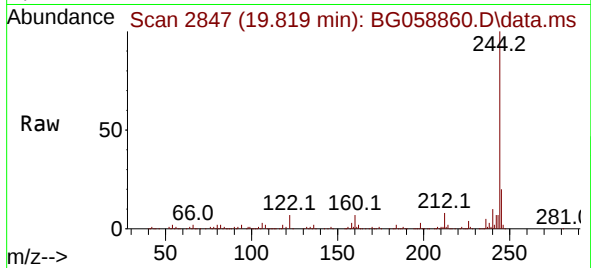




#77
Benzidine
Concen: 2.325 ng
RT: 19.819 min Scan# 2847
Delta R.T. 0.359 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

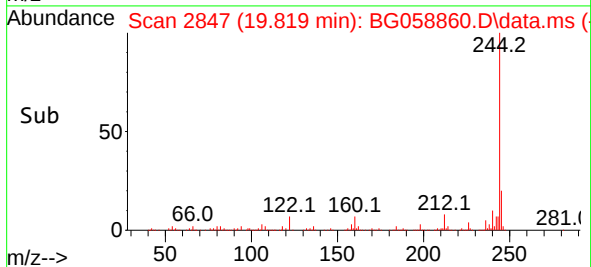
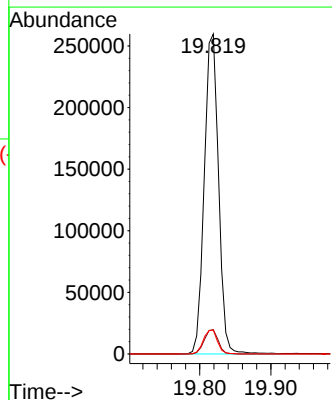
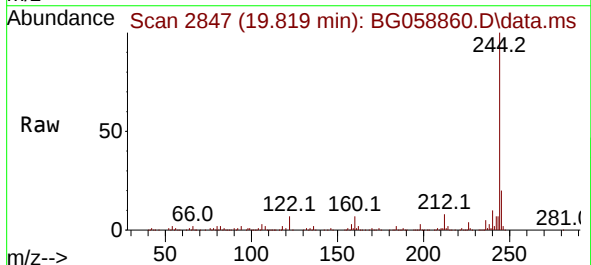
Instrument :
BNA_G
ClientSampleId :
TP-04(6-7)

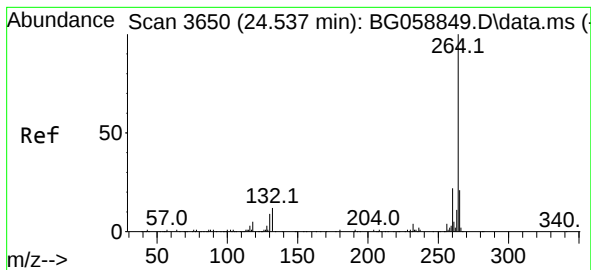
Tgt Ion:184 Resp: 5174
Ion Ratio Lower Upper
184 100
185 17.0 11.9 17.9
183 4.5 10.0 15.0#



#79
Terphenyl-d14
Concen: 52.509 ng
RT: 19.819 min Scan# 2847
Delta R.T. -0.017 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

Tgt Ion:244 Resp: 363079
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.5 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.502 min Scan# 3

Delta R.T. -0.035 min

Lab File: BG058860.D

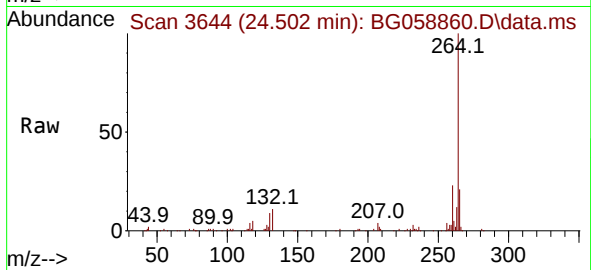
Acq: 25 Aug 2023 22:08

Instrument :

BNA_G

ClientSampleId :

TP-04(6-7)



Tgt Ion:264 Resp: 145837

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 21.4 16.4 24.6

