

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058858.D
 Acq On : 25 Aug 2023 20:46
 Operator : MA/JU
 Sample : 04110-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10(6-7)

Quant Time: Aug 26 09:18:52 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)

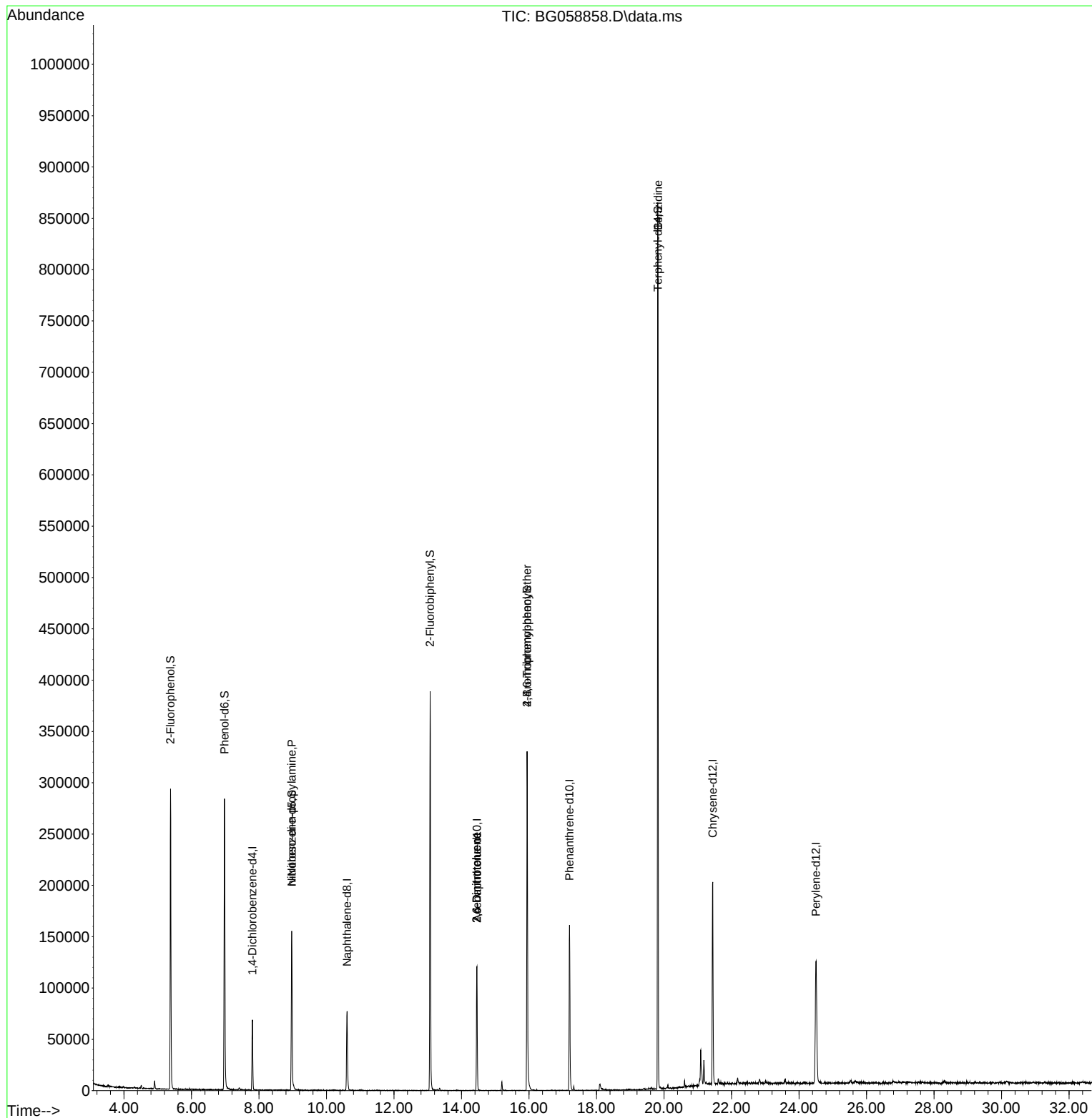
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	19788	20.000	ng	-0.02
21) Naphthalene-d8	10.608	136	74849	20.000	ng	#-0.02
39) Acenaphthene-d10	14.457	164	49515	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	123596	20.000	ng	-0.02
76) Chrysene-d12	21.443	240	128434	20.000	ng	-0.02
86) Perylene-d12	24.504	264	152072	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	121830	99.078	ng	-0.02
7) Phenol-d6	6.977	99	157261	91.155	ng	-0.03
23) Nitrobenzene-d5	8.969	82	98320	63.154	ng	-0.03
42) 2,4,6-Tribromophenol	15.943	330	78763	101.448	ng	-0.03
45) 2-Fluorobiphenyl	13.070	172	223953	65.784	ng	-0.03
79) Terphenyl-d14	19.815	244	455832	63.728	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.969	70	12902	11.569	ng	# 74
51) 2,6-Dinitrotoluene	14.451	165	6577	8.166	ng	# 22
57) 2,4-Dinitrotoluene	14.451	165	6577	5.855	ng	# 19
67) 4-Bromophenyl-phenylether	15.943	248	4453	3.283	ng	# 1
77) Benzidine	19.821	184	6412	2.786	ng	# 91

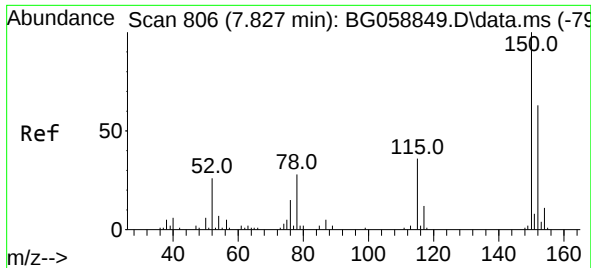
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-10(6-7)

Quant Time: Aug 26 09:18:52 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

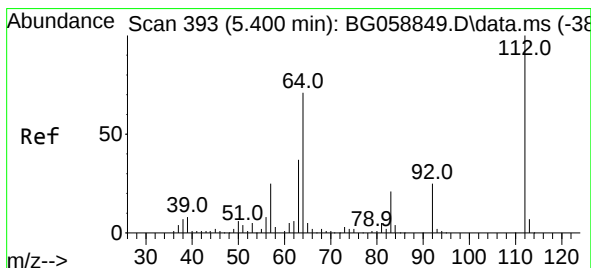
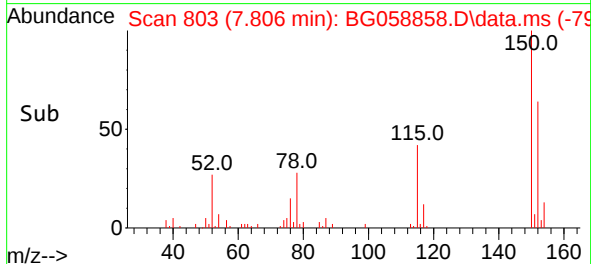
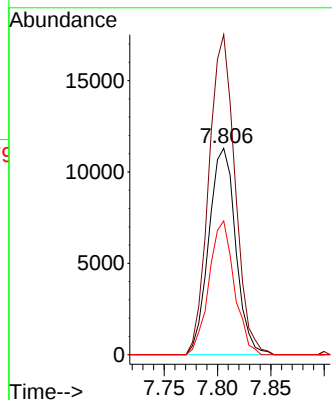
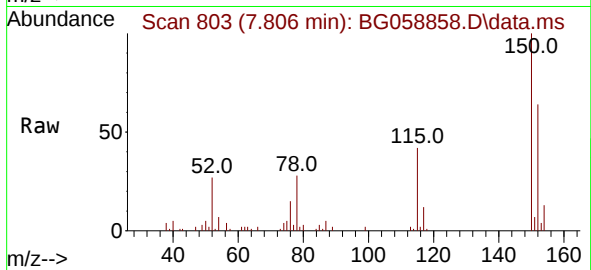




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 806
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

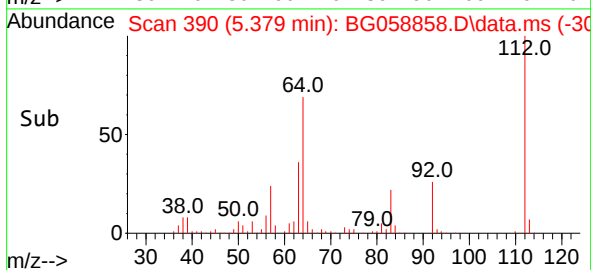
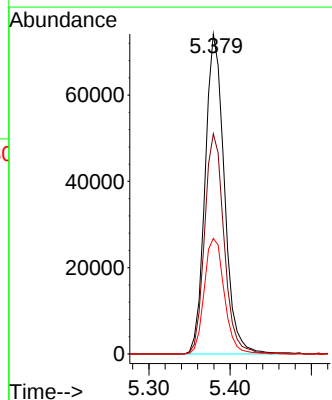
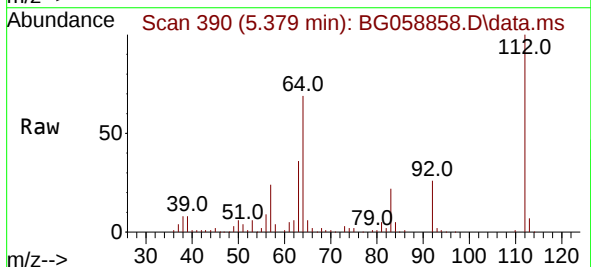
Instrument :
BNA_G
ClientSampleId :
TP-10(6-7)

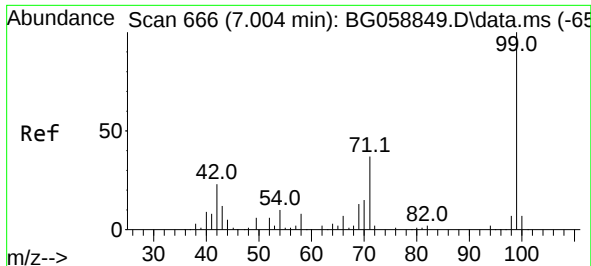
Tgt Ion:152 Resp: 19788
Ion Ratio Lower Upper
152 100
150 155.1 128.6 192.8
115 64.8 50.4 75.6



#5
2-Fluorophenol
Concen: 99.078 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

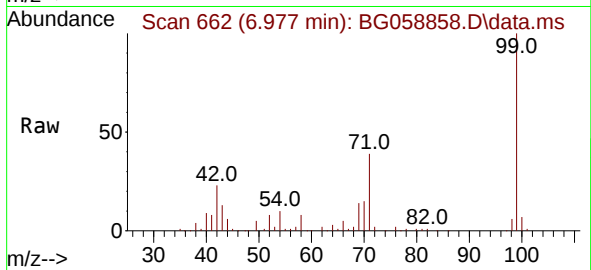
Tgt Ion:112 Resp: 121830
Ion Ratio Lower Upper
112 100
64 68.8 60.6 90.8
63 36.1 31.0 46.4



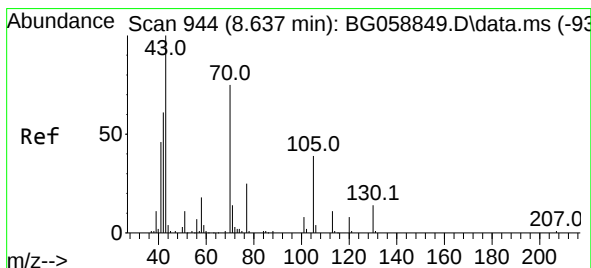
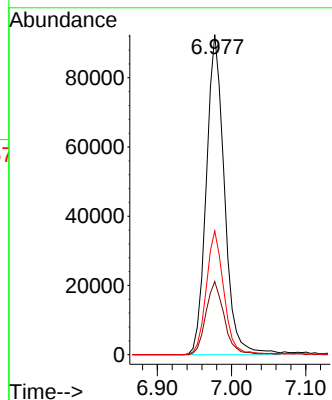
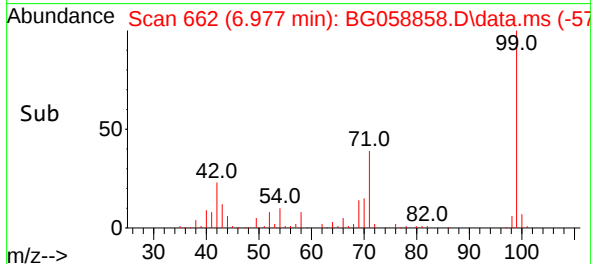


#7
Phenol-d6
Concen: 91.155 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.027 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

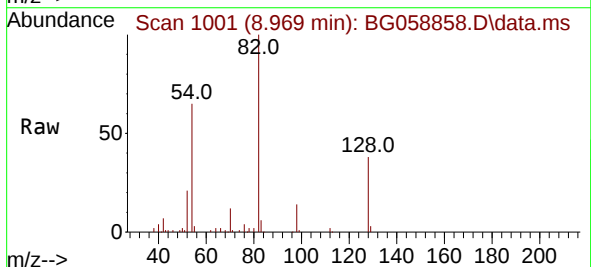
Instrument :
BNA_G
ClientSampleId :
TP-10(6-7)



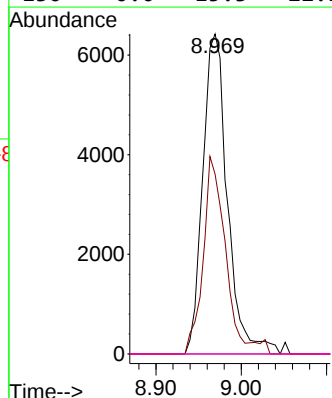
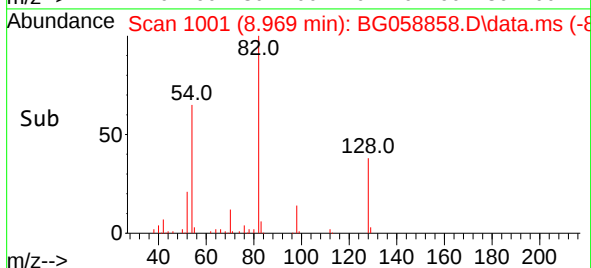
Tgt Ion: 99 Resp: 157261
Ion Ratio Lower Upper
99 100
42 22.9 16.5 24.7
71 38.7 28.4 42.6

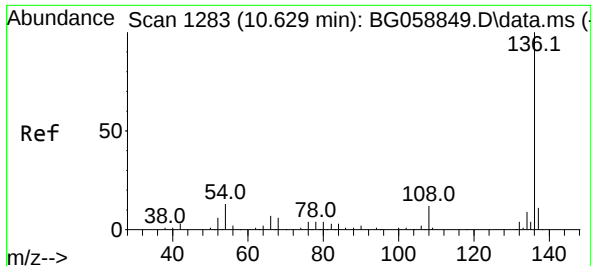


#19
n-Nitroso-di-n-propylamine
Concen: 11.569 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.332 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46



Tgt Ion: 70 Resp: 12902
Ion Ratio Lower Upper
70 100
42 56.2 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

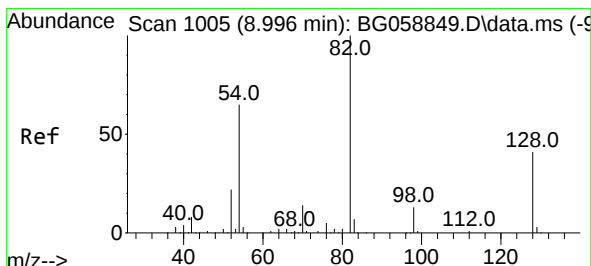
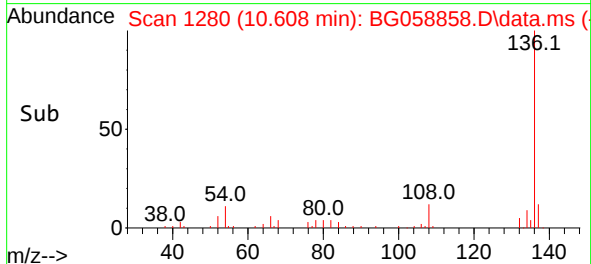
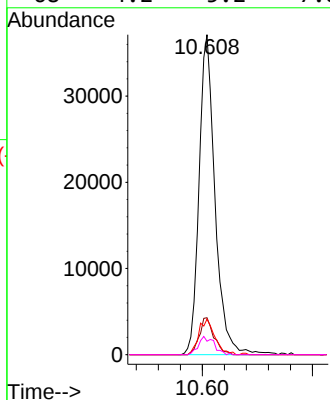
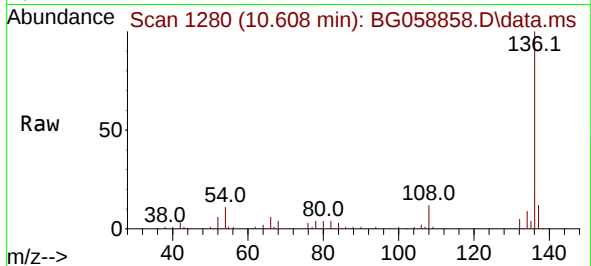




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

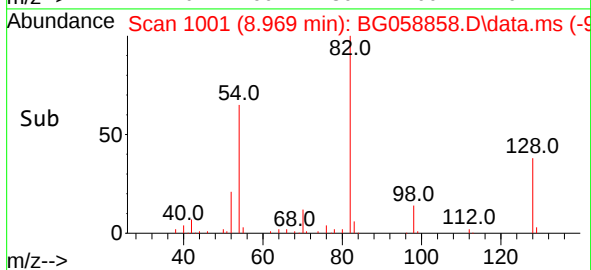
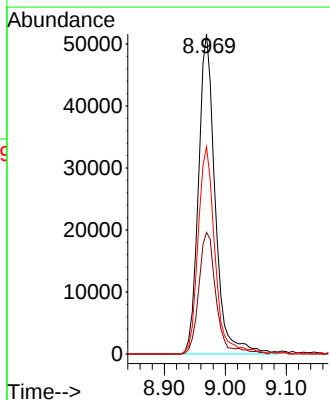
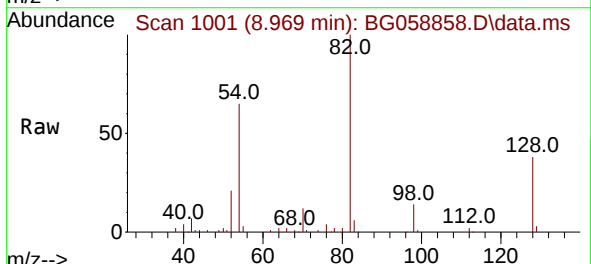
Instrument :
BNA_G
ClientSampleId :
TP-10(6-7)

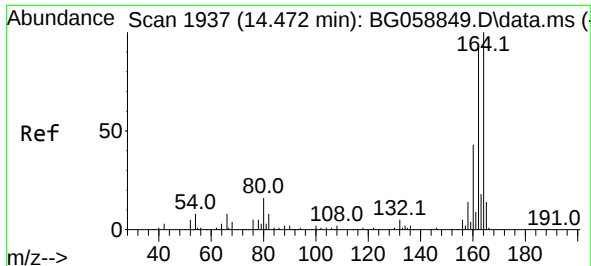
Tgt Ion:	136	Resp:	74849
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.7	13.1
54	11.1	10.1	15.1
68	4.2	5.2	7.8



#23
Nitrobenzene-d5
Concen: 63.154 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.027 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

Tgt Ion:	82	Resp:	98320
Ion Ratio	Lower	Upper	
82	100		
128	38.0	33.2	49.8
54	64.8	51.2	76.8

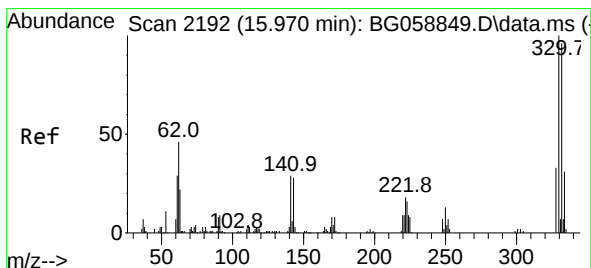
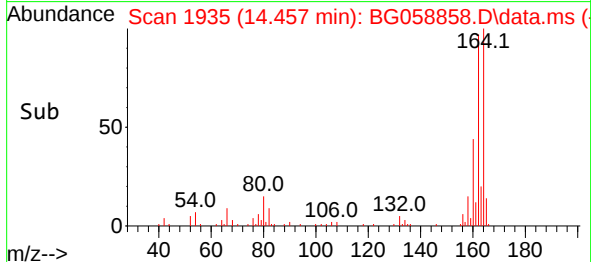
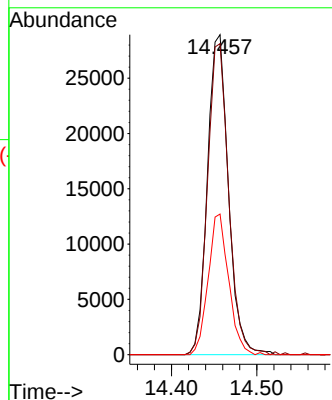
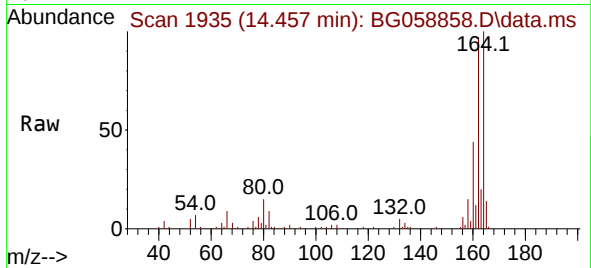




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.015 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

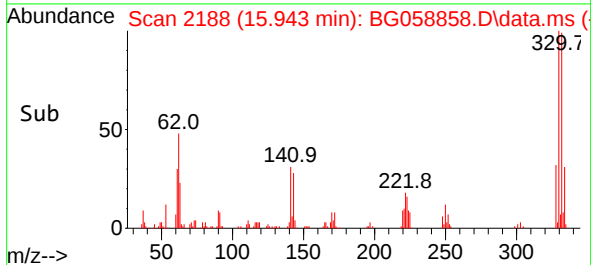
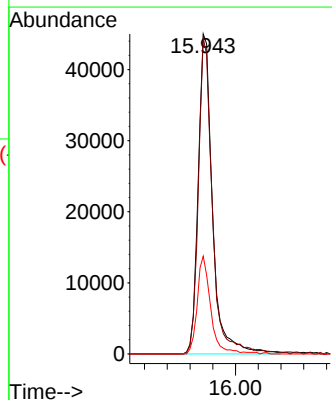
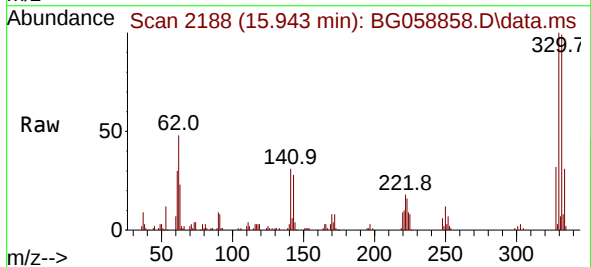
Instrument :
BNA_G
ClientSampleId :
TP-10(6-7)

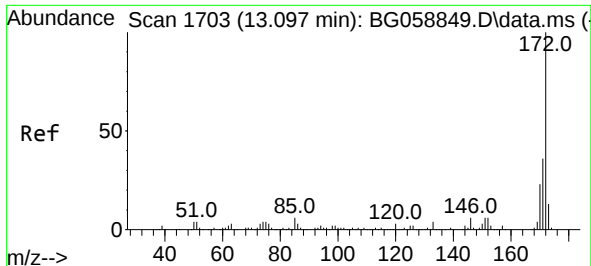
Tgt Ion:164 Resp: 49515
Ion Ratio Lower Upper
164 100
162 97.2 79.6 119.4
160 44.0 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 101.448 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.027 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

Tgt Ion:330 Resp: 78763
Ion Ratio Lower Upper
330 100
332 97.3 78.5 117.7
141 28.9 23.0 34.6

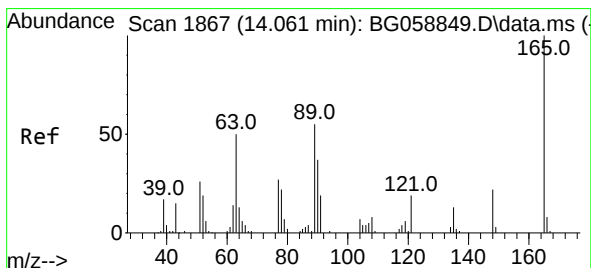
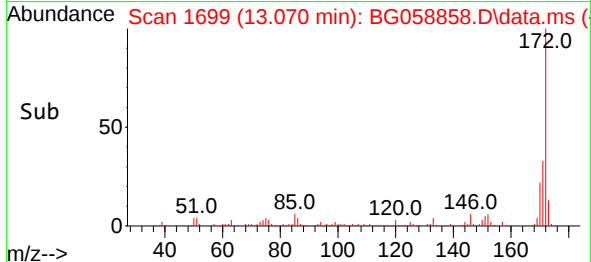
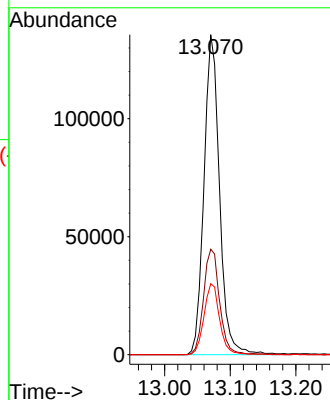
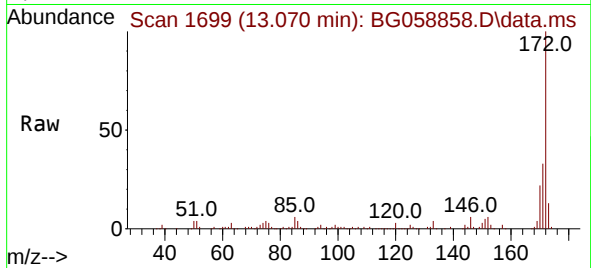




#45
2-Fluorobiphenyl
Concen: 65.784 ng
RT: 13.070 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

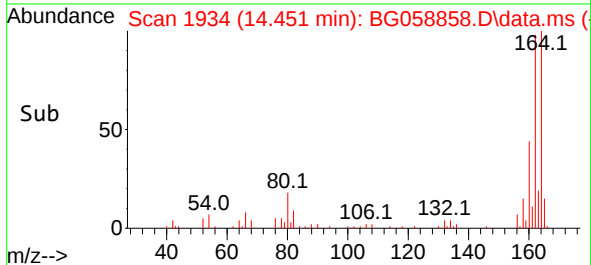
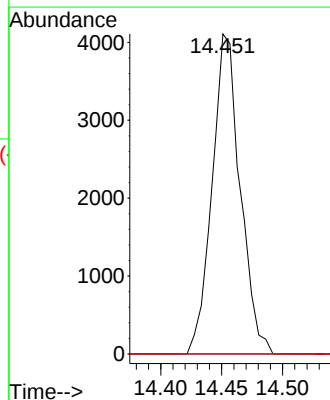
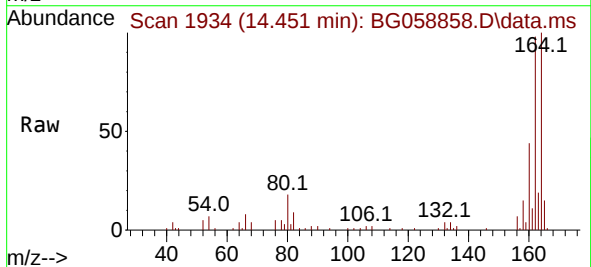
Instrument :
BNA_G
ClientSampleId :
TP-10(6-7)

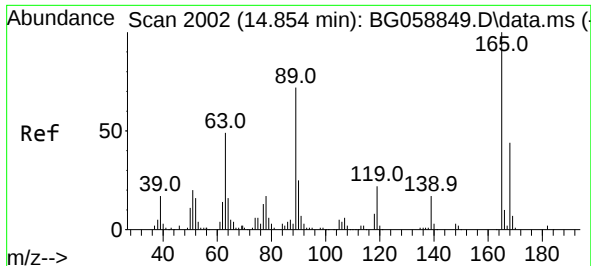
Tgt Ion:172 Resp: 223953
Ion Ratio Lower Upper
172 100
171 33.0 28.1 42.1
170 22.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.166 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.390 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

Tgt Ion:165 Resp: 6577
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

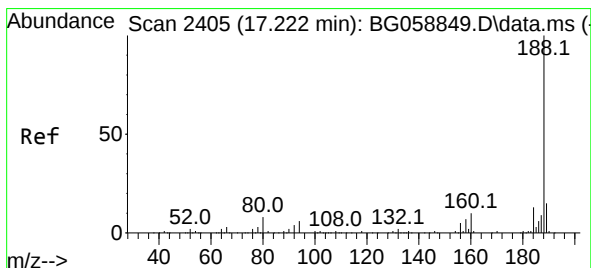
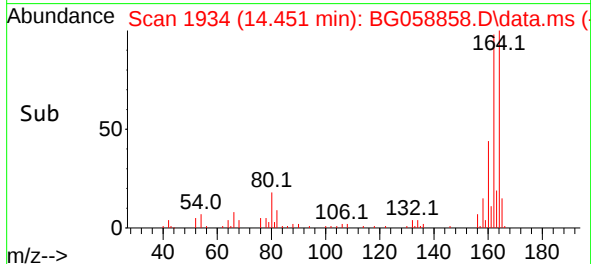
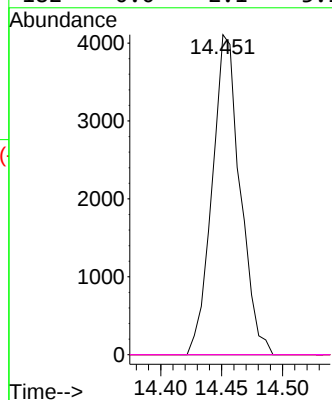
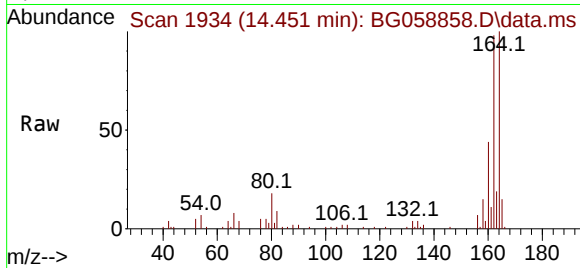




#57
2,4-Dinitrotoluene
Concen: 5.855 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.403 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

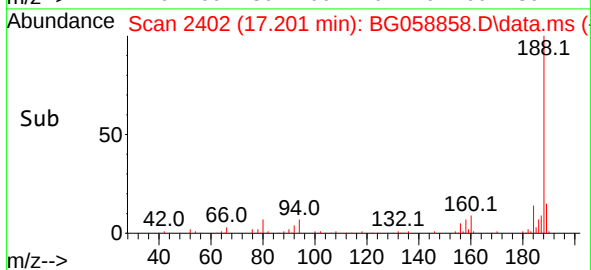
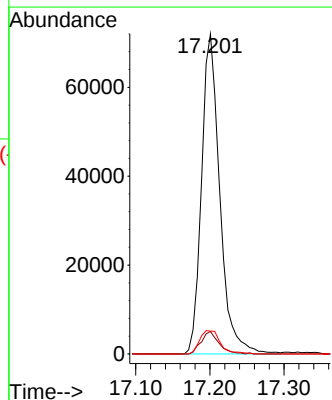
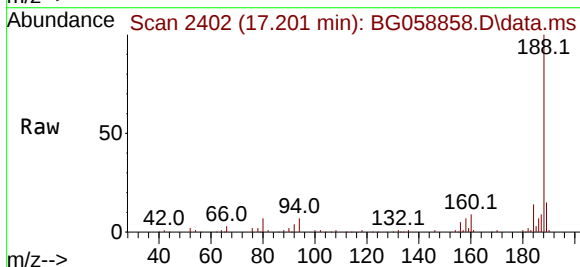
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TP-10(6-7)

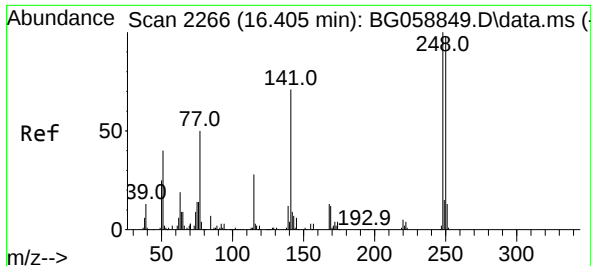
Tgt Ion:165 Resp: 6577
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

Tgt Ion:188 Resp: 123596
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 7.1 6.9 10.3

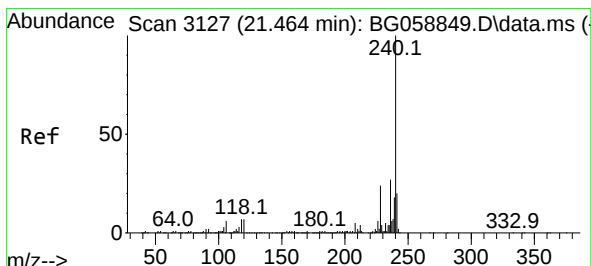
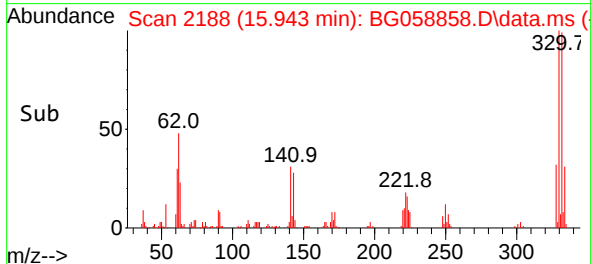
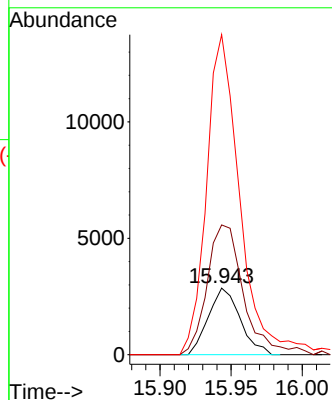
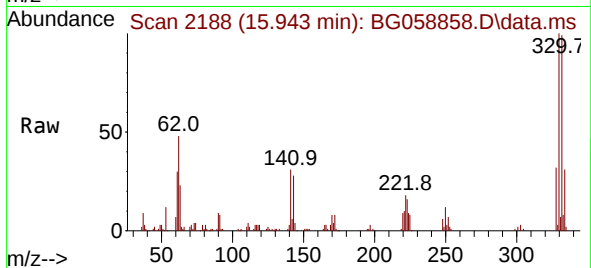




#67
4-Bromophenyl-phenylether
Concen: 3.283 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.462 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

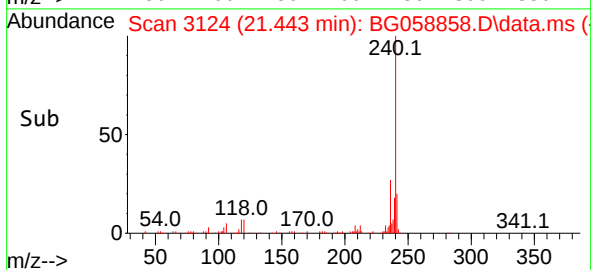
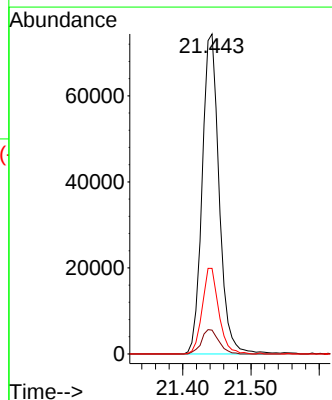
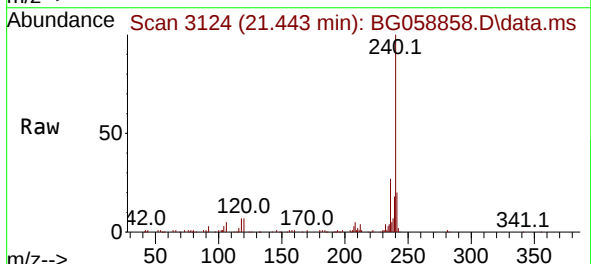
Instrument :
BNA_G
ClientSampleId :
TP-10(6-7)

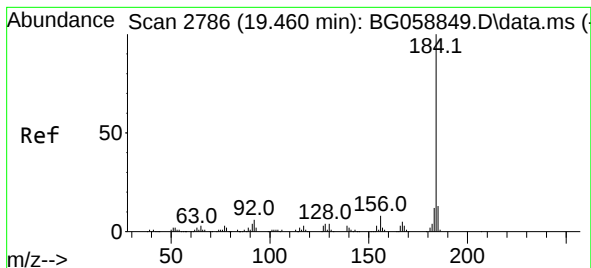
Tgt Ion:248 Resp: 4453
Ion Ratio Lower Upper
248 100
250 194.7 77.7 116.5#
141 480.2 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

Tgt Ion:240 Resp: 128434
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.2
236 26.7 20.5 30.7





#77

Benzidine

Concen: 2.786 ng

RT: 19.821 min Scan# 21

Delta R.T. 0.361 min

Lab File: BG058858.D

Acq: 25 Aug 2023 20:46

Instrument :

BNA_G

ClientSampleId :

TP-10(6-7)

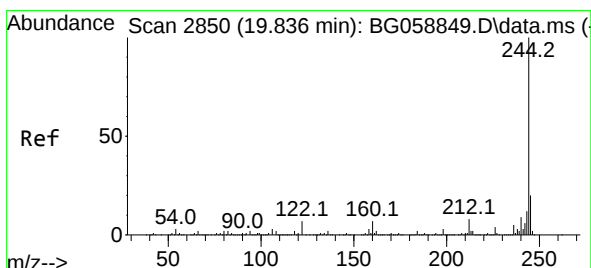
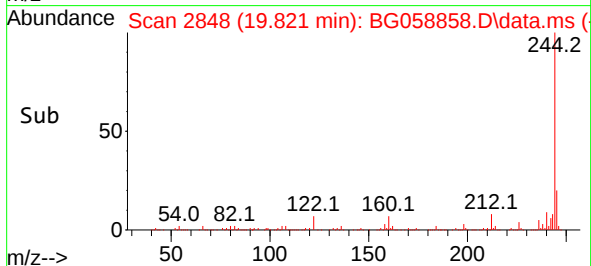
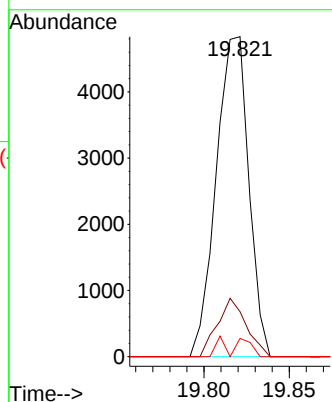
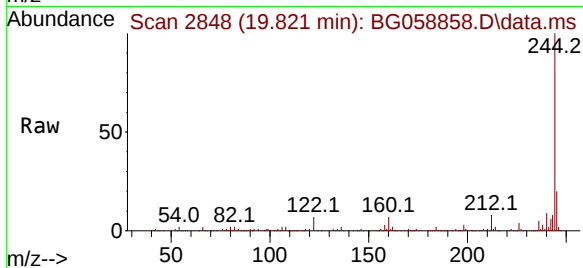
Tgt Ion:184 Resp: 6412

Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 5.7 10.0 15.0#



#79

Terphenyl-d14

Concen: 63.728 ng

RT: 19.815 min Scan# 2847

Delta R.T. -0.021 min

Lab File: BG058858.D

Acq: 25 Aug 2023 20:46

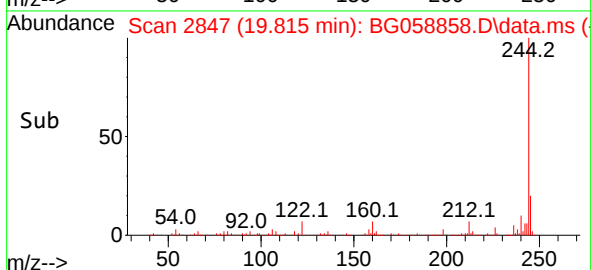
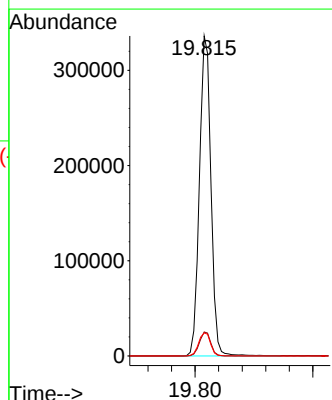
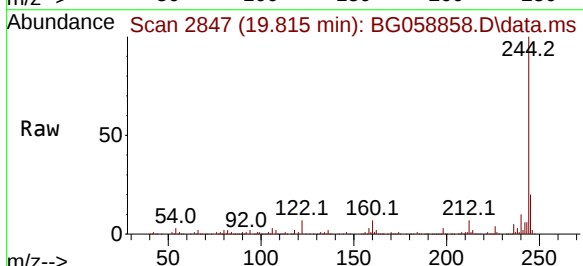
Tgt Ion:244 Resp: 455832

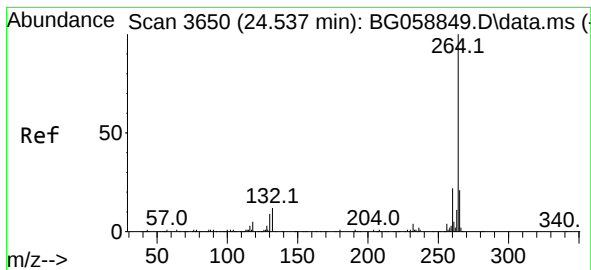
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 7.2 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.504 min Scan# 30
 Delta R.T. -0.033 min
 Lab File: BG058858.D
 Acq: 25 Aug 2023 20:46

Instrument :
 BNA_G
 ClientSampleId :
 TP-10(6-7)

Tgt Ion:264 Resp: 152072
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 21.4 16.4 24.6

