

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058823.D
 Acq On : 23 Aug 2023 15:34
 Operator : MA/JU
 Sample : 04110-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-03(2-4)

Quant Time: Aug 23 16:08:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

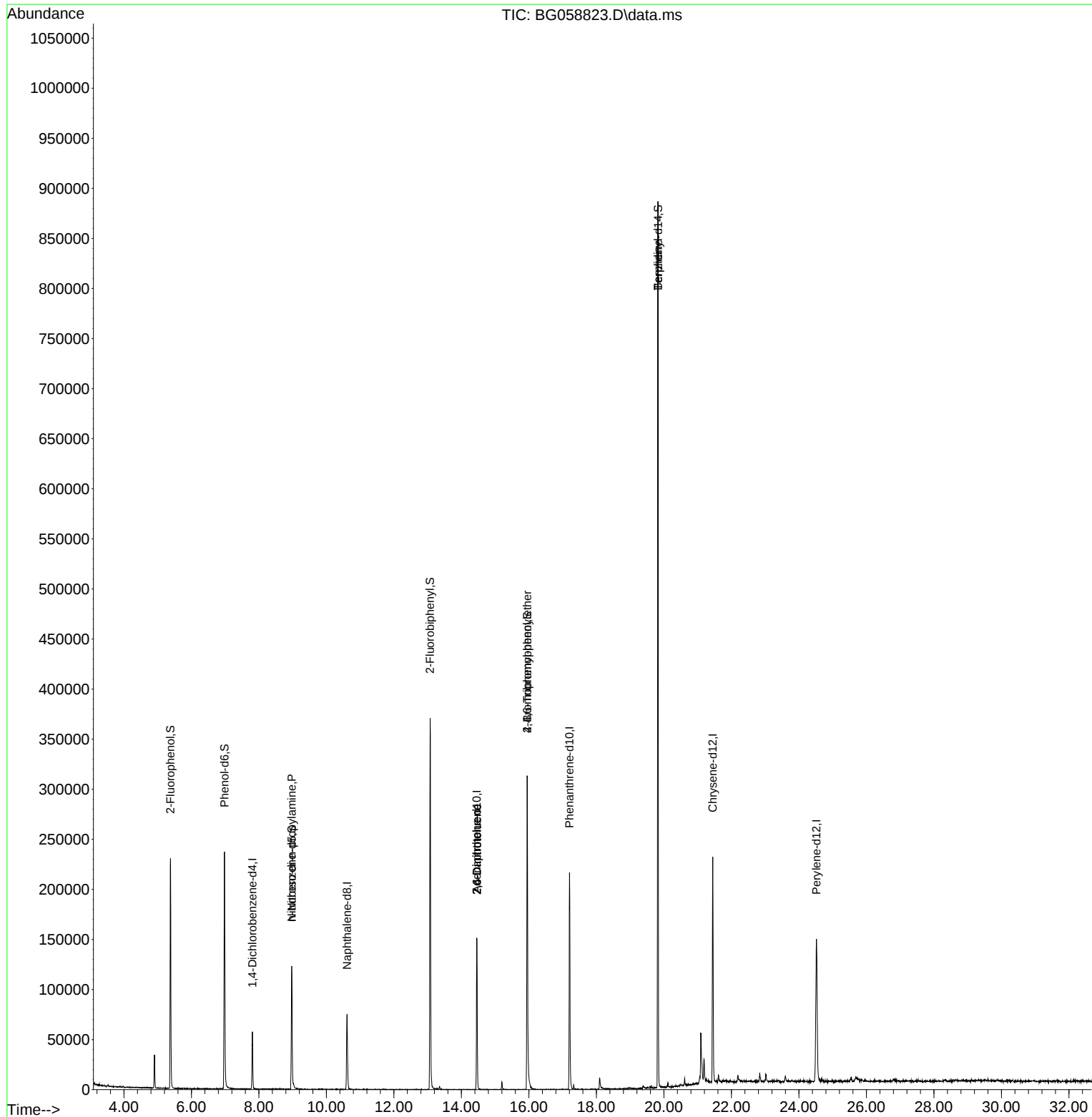
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	15931	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	73544	20.000	ng	0.00
39) Acenaphthene-d10	14.453	164	60855	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	157315	20.000	ng	0.00
76) Chrysene-d12	21.445	240	137250	20.000	ng	0.00
86) Perylene-d12	24.518	264	167397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	96134	97.109	ng	0.00
7) Phenol-d6	6.980	99	136800	98.493	ng	0.00
23) Nitrobenzene-d5	8.971	82	82080	53.658	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	81869	85.799	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	220912	52.799	ng	0.00
79) Terphenyl-d14	19.823	244	457057	59.795	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.971	70	9856	10.978	ng	# 76
51) 2,6-Dinitrotoluene	14.459	165	7619	7.697	ng	# 22
57) 2,4-Dinitrotoluene	14.459	165	7619	5.518	ng	# 19
67) 4-Bromophenyl-phenylether	15.951	248	4958	2.872	ng	# 1
77) Benzidine	19.823	184	6677	2.714	ng	# 86

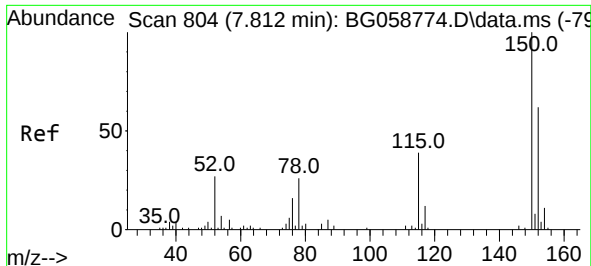
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058823.D
Acq On : 23 Aug 2023 15:34
Operator : MA/JU
Sample : 04110-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-03(2-4)

Quant Time: Aug 23 16:08:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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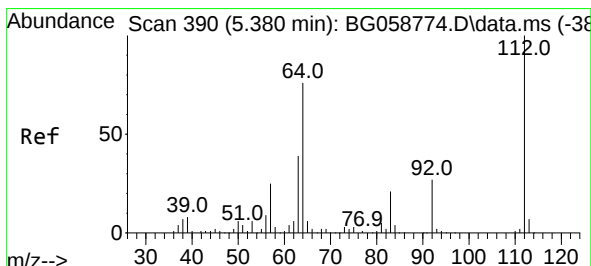
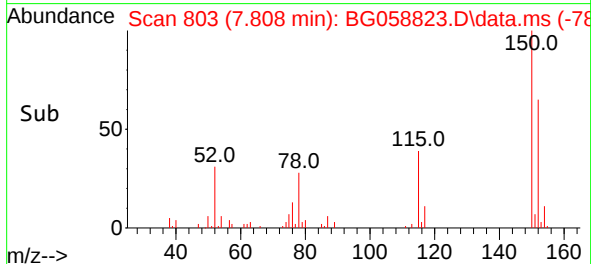
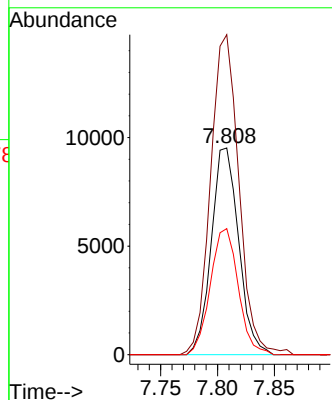
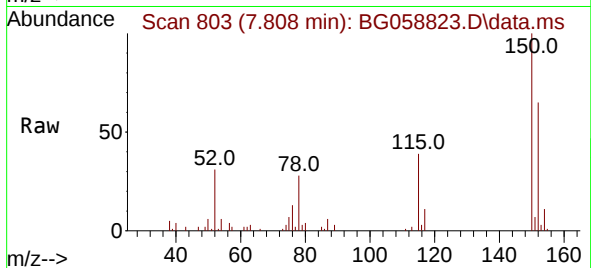




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

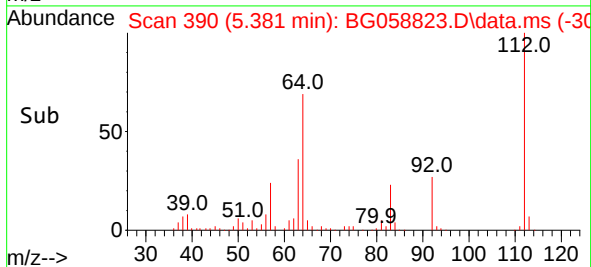
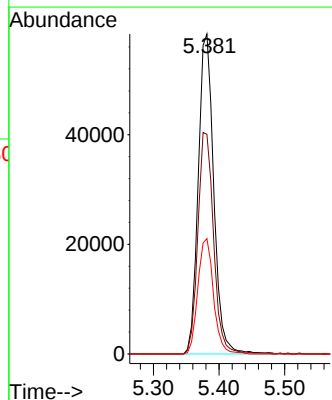
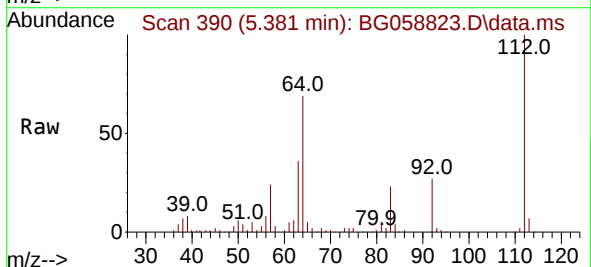
Instrument :
BNA_G
ClientSampleId :
TP-03(2-4)

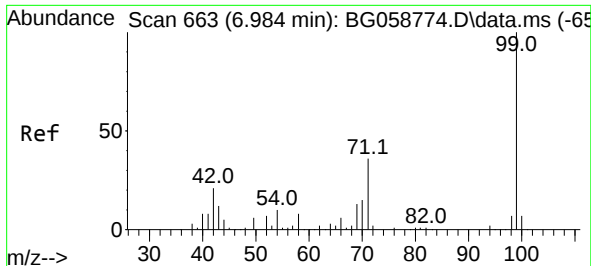
Tgt Ion:152 Resp: 15931
Ion Ratio Lower Upper
152 100
150 154.8 128.6 192.8
115 61.0 50.4 75.6



#5
2-Fluorophenol
Concen: 97.109 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

Tgt Ion:112 Resp: 96134
Ion Ratio Lower Upper
112 100
64 68.6 60.6 90.8
63 36.1 31.0 46.4

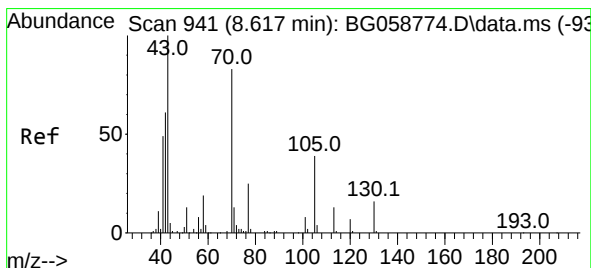
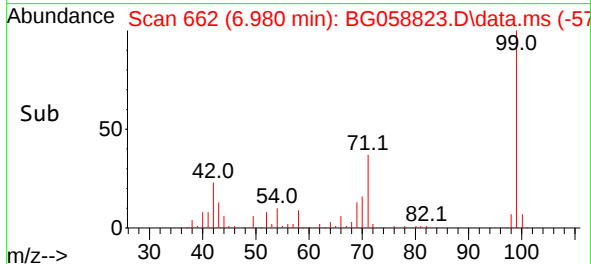
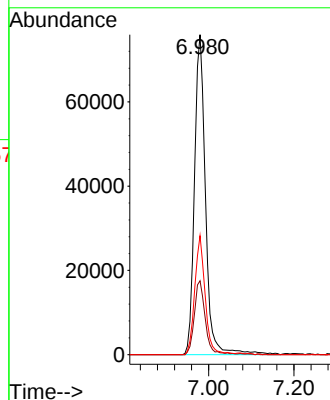
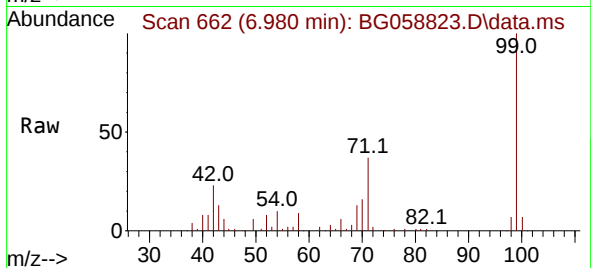




#7
Phenol-d6
Concen: 98.493 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

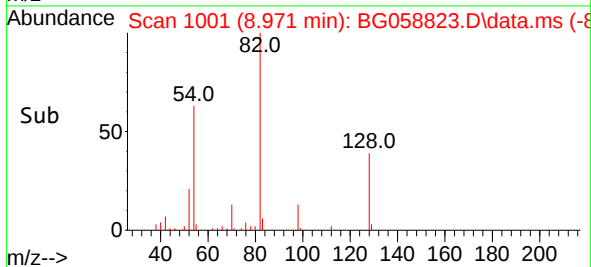
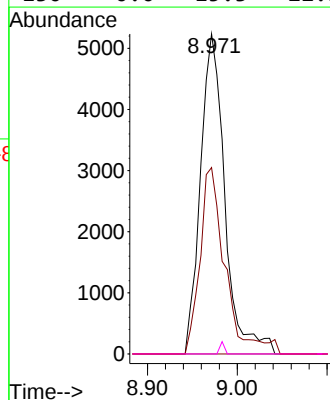
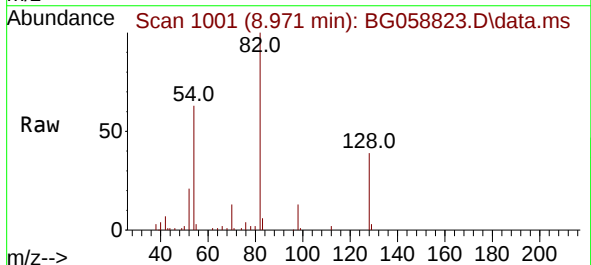
Instrument :
BNA_G
ClientSampleId :
TP-03(2-4)

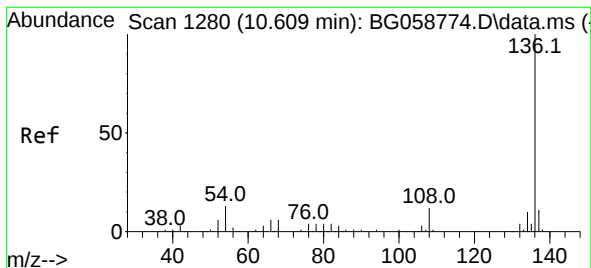
Tgt Ion: 99 Resp: 136800
Ion Ratio Lower Upper
99 100
42 23.1 16.5 24.7
71 37.2 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.978 ng
RT: 8.971 min Scan# 1001
Delta R.T. 0.354 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

Tgt Ion: 70 Resp: 9856
Ion Ratio Lower Upper
70 100
42 58.2 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: 10.611 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_G

ClientSampleId :

TP-03(2-4)

Tgt Ion:136 Resp: 73544

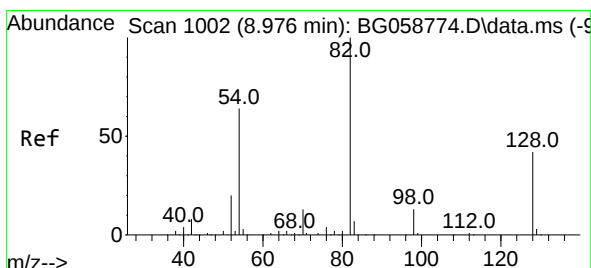
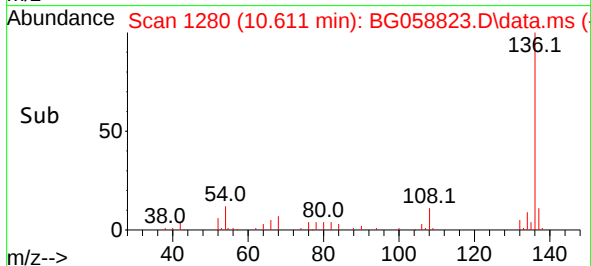
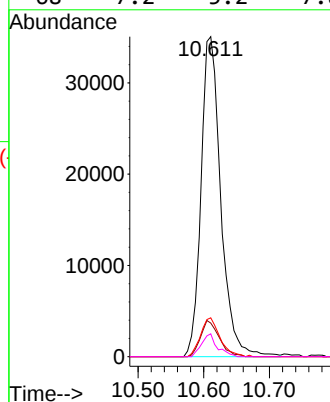
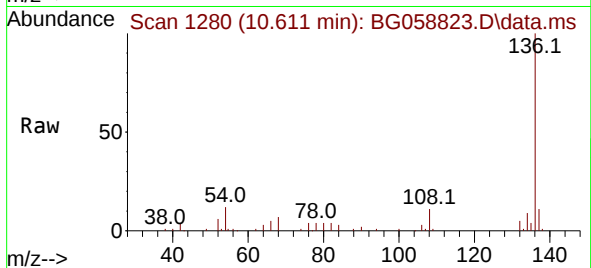
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 12.8 10.1 15.1

68 7.2 5.2 7.8



#23

Nitrobenzene-d5

Concen: 53.658 ng

RT: 8.971 min Scan# 1001

Delta R.T. -0.004 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

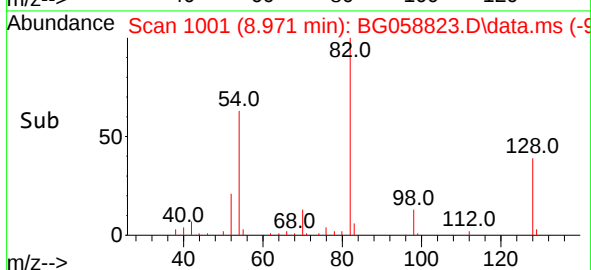
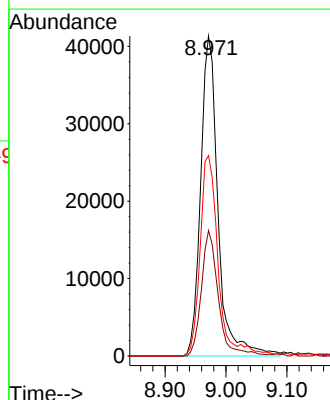
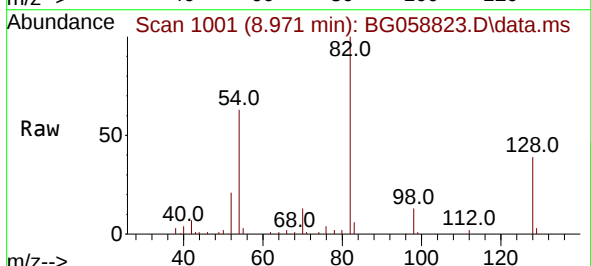
Tgt Ion: 82 Resp: 82080

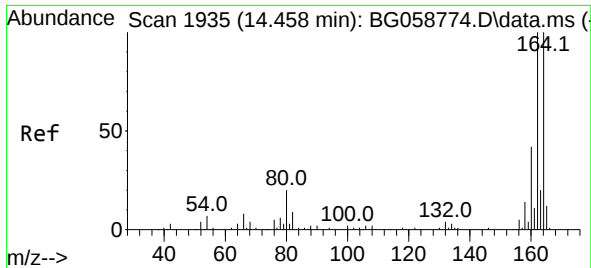
Ion Ratio Lower Upper

82 100

128 39.2 33.2 49.8

54 62.6 51.2 76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.453 min Scan# 1934

Delta R.T. -0.004 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_G

ClientSampleId :

TP-03(2-4)

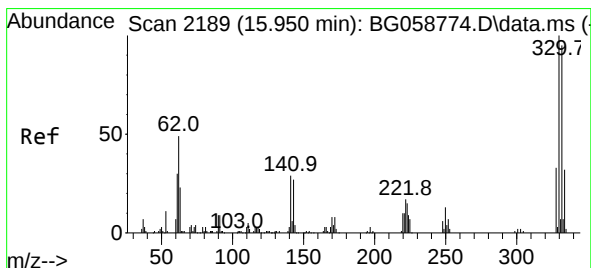
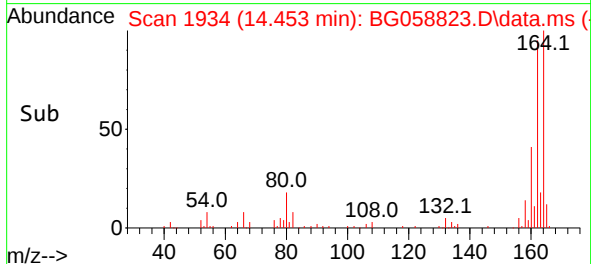
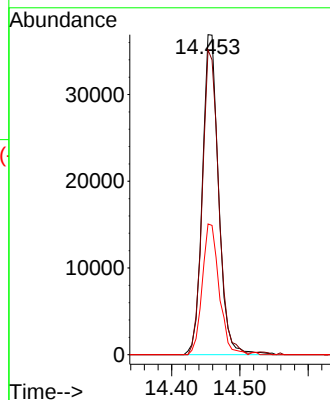
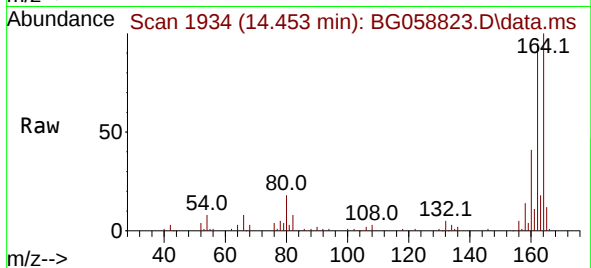
Tgt Ion:164 Resp: 60855

Ion Ratio Lower Upper

164 100

162 95.3 79.6 119.4

160 40.8 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 85.799 ng

RT: 15.951 min Scan# 2189

Delta R.T. 0.002 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

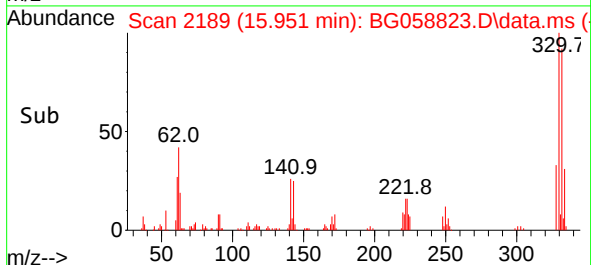
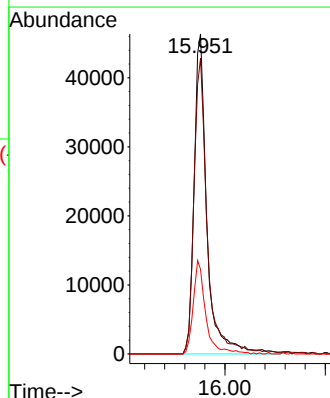
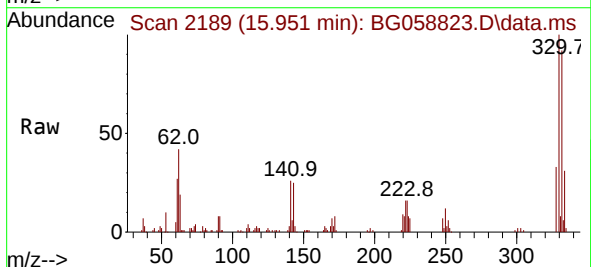
Tgt Ion:330 Resp: 81869

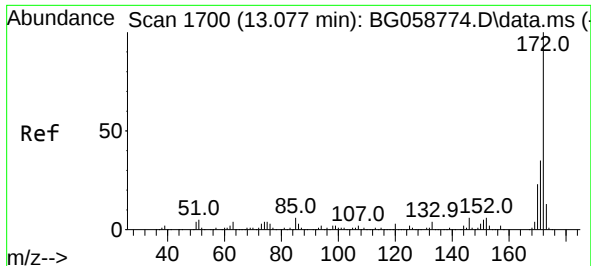
Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

141 28.5 23.0 34.6

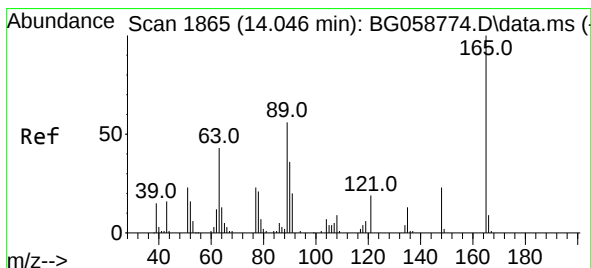
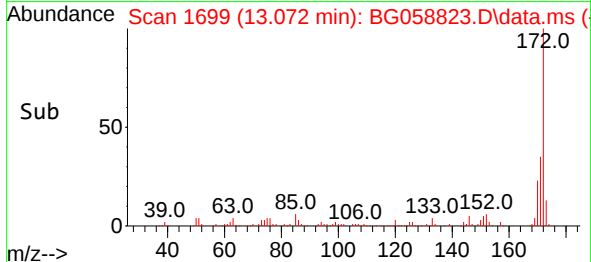
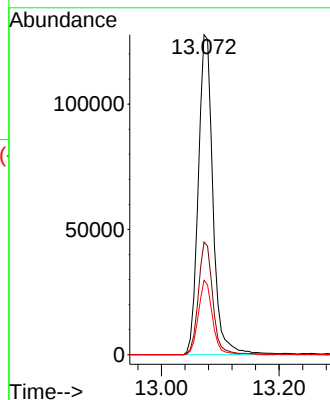
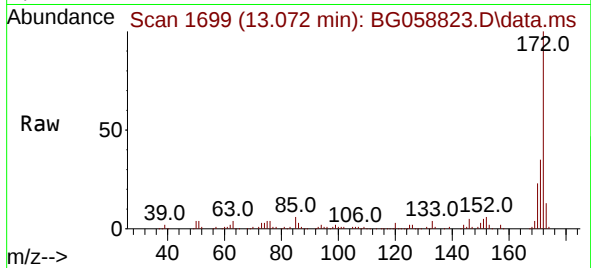




#45
 2-Fluorobiphenyl
 Concen: 52.799 ng
 RT: 13.072 min Scan# 1
 Delta R.T. -0.005 min
 Lab File: BG058823.D
 Acq: 23 Aug 2023 15:34

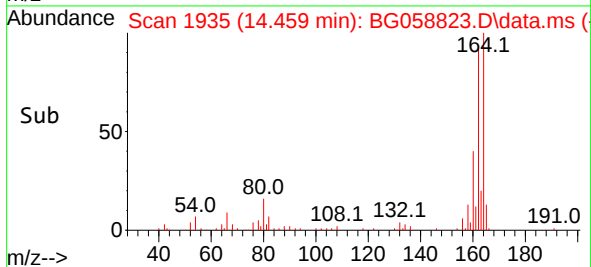
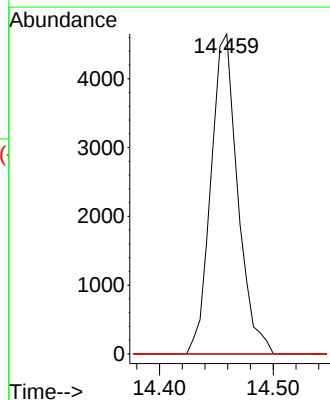
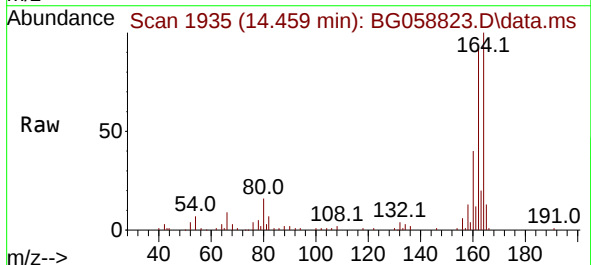
Instrument :
 BNA_G
 ClientSampleId :
 TP-03(2-4)

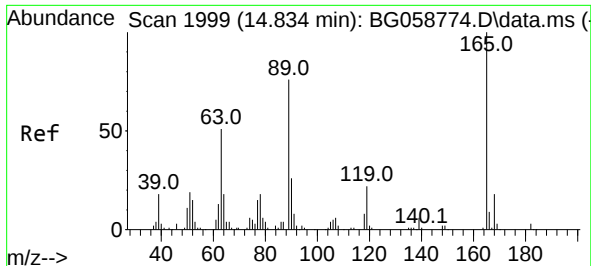
Tgt Ion:172 Resp: 220912
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.1 42.1
 170 23.3 18.6 27.8



#51
 2,6-Dinitrotoluene
 Concen: 7.697 ng
 RT: 14.459 min Scan# 1935
 Delta R.T. 0.413 min
 Lab File: BG058823.D
 Acq: 23 Aug 2023 15:34

Tgt Ion:165 Resp: 7619
 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: 5.518 ng

RT: 14.459 min Scan# 1999

Delta R.T. -0.374 min

Lab File: BG058823.D

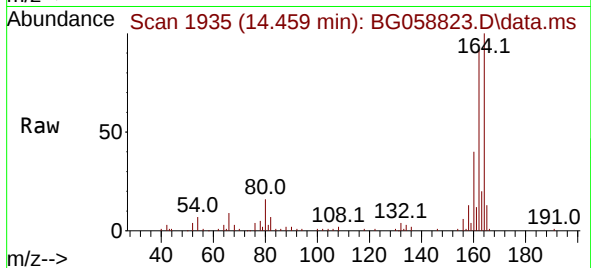
Acq: 23 Aug 2023 15:34

Instrument :

BNA_G

ClientSampleId :

TP-03(2-4)



Tgt Ion:165 Resp: 7619

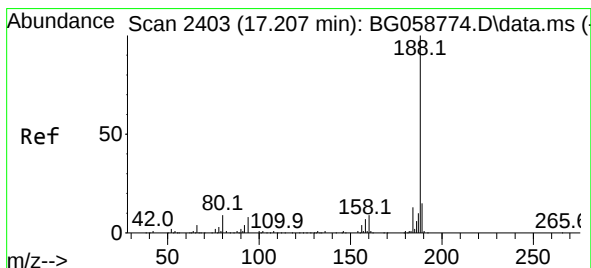
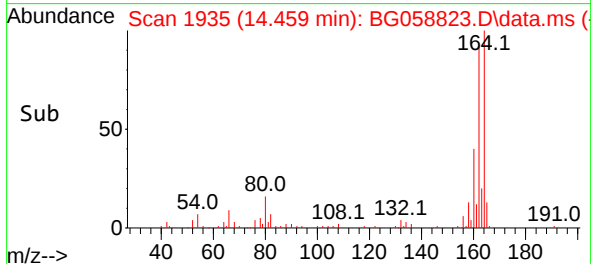
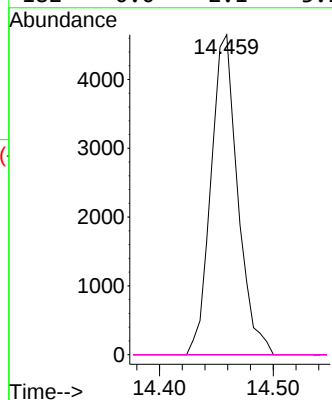
Ion Ratio Lower Upper

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: 17.203 min Scan# 2402

Delta R.T. -0.004 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

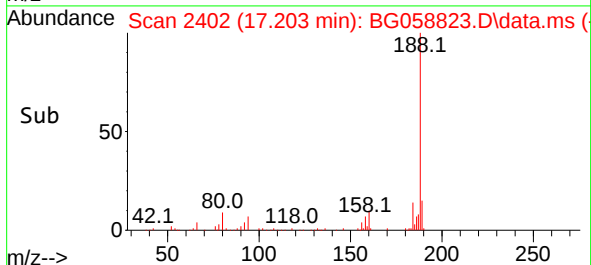
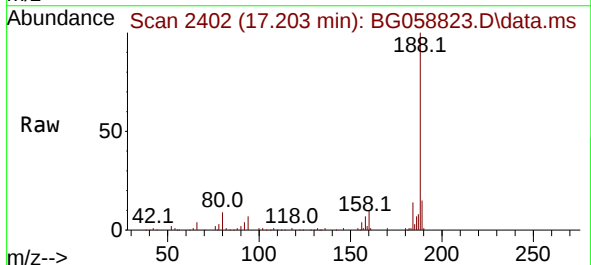
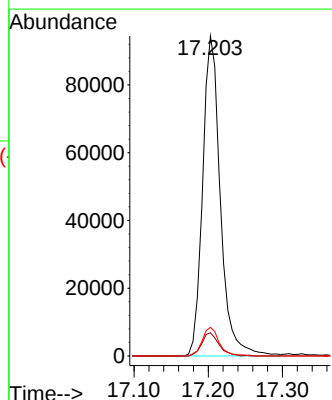
Tgt Ion:188 Resp: 157315

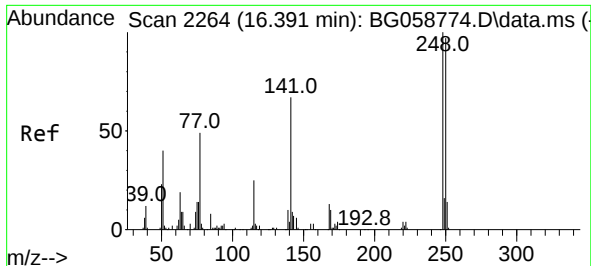
Ion Ratio Lower Upper

188 100

94 7.3 6.1 9.1

80 9.0 6.9 10.3

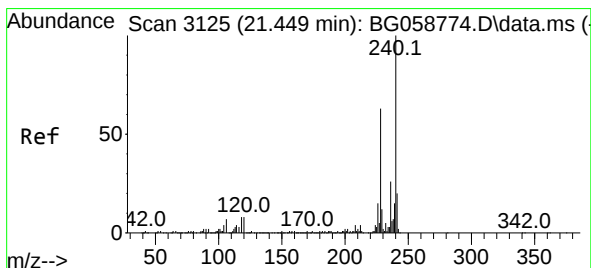
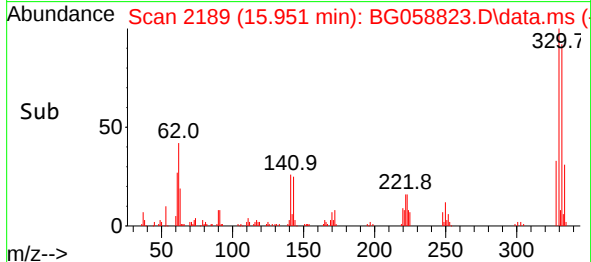
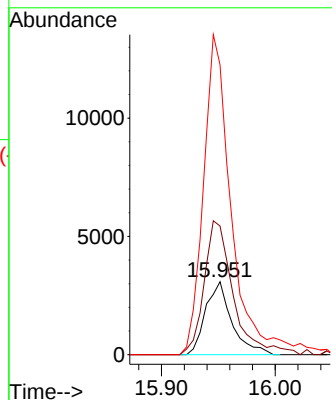
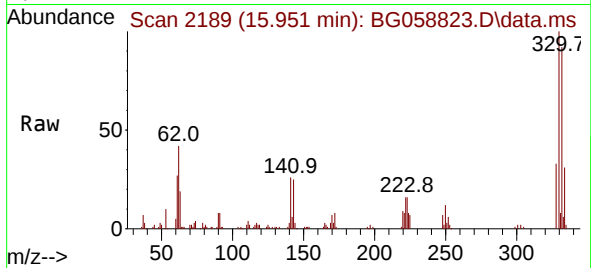




#67
4-Bromophenyl-phenylether
Concen: 2.872 ng
RT: 15.951 min Scan# 2119
Delta R.T. -0.440 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

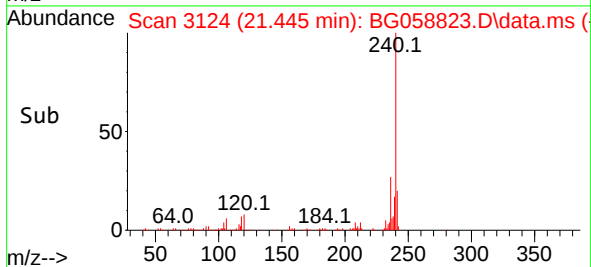
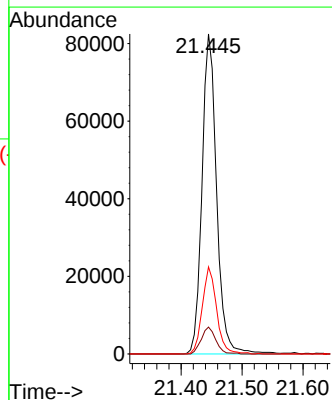
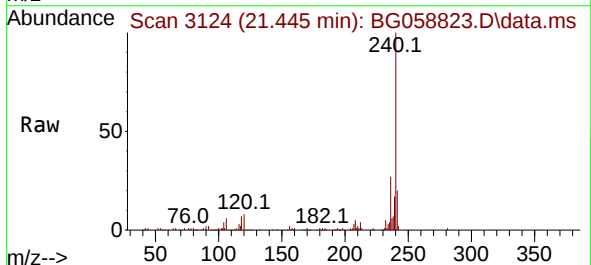
Instrument :
BNA_G
ClientSampleId :
TP-03(2-4)

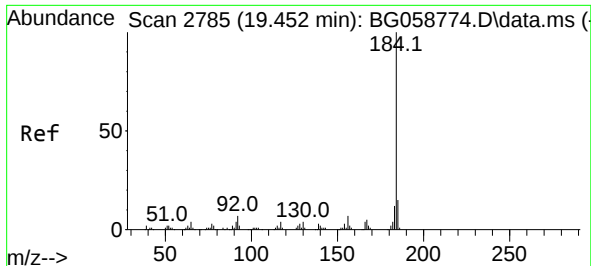
Tgt Ion:248 Resp: 4958
Ion Ratio Lower Upper
248 100
250 176.3 77.7 116.5#
141 397.4 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

Tgt Ion:240 Resp: 137250
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 27.2 20.5 30.7

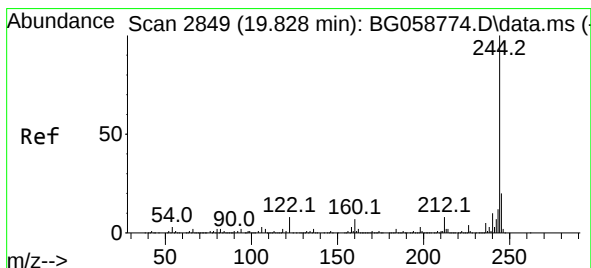
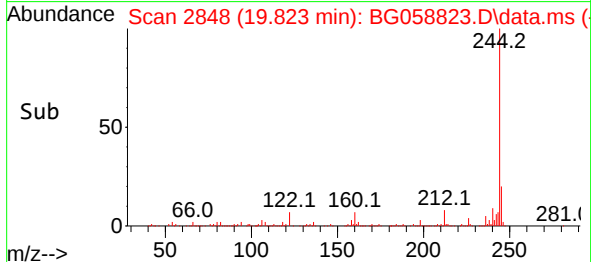
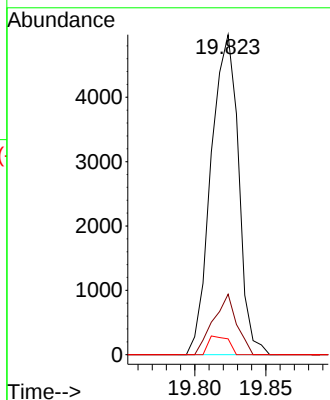
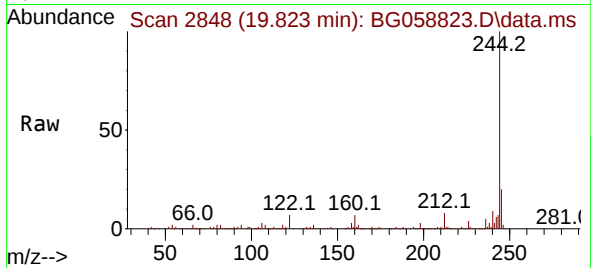




#77
Benzidine
Concen: 2.714 ng
RT: 19.823 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

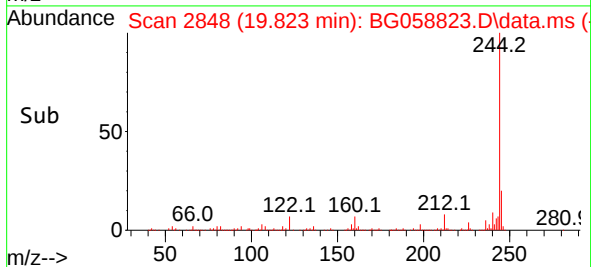
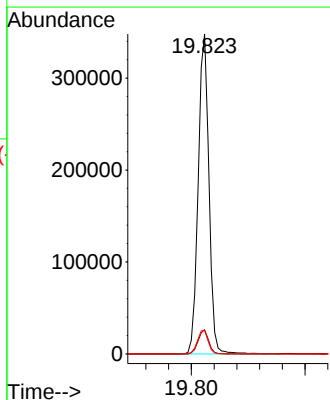
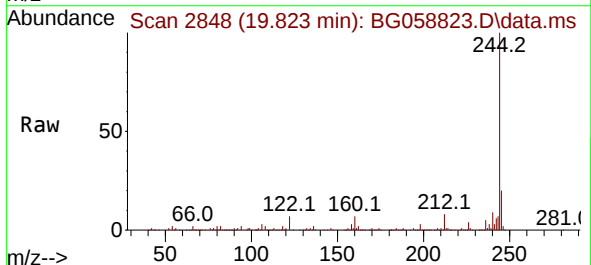
Instrument :
BNA_G
ClientSampleId :
TP-03(2-4)

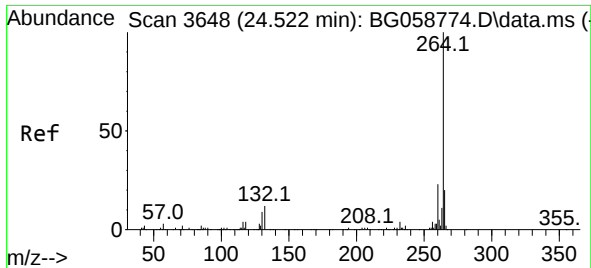
Tgt Ion:184 Resp: 6677
Ion Ratio Lower Upper
184 100
185 18.9 11.9 17.9#
183 4.9 10.0 15.0#



#79
Terphenyl-d14
Concen: 59.795 ng
RT: 19.823 min Scan# 2848
Delta R.T. -0.004 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

Tgt Ion:244 Resp: 457057
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 7.4 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BG058823.D
 Acq: 23 Aug 2023 15:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-03(2-4)

Tgt Ion:264 Resp: 167397
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 21.8 16.4 24.6

