

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058903.D
 Acq On : 30 Aug 2023 20:05
 Operator : MA/JU
 Sample : 04196-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-03

Quant Time: Aug 31 01:41:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

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

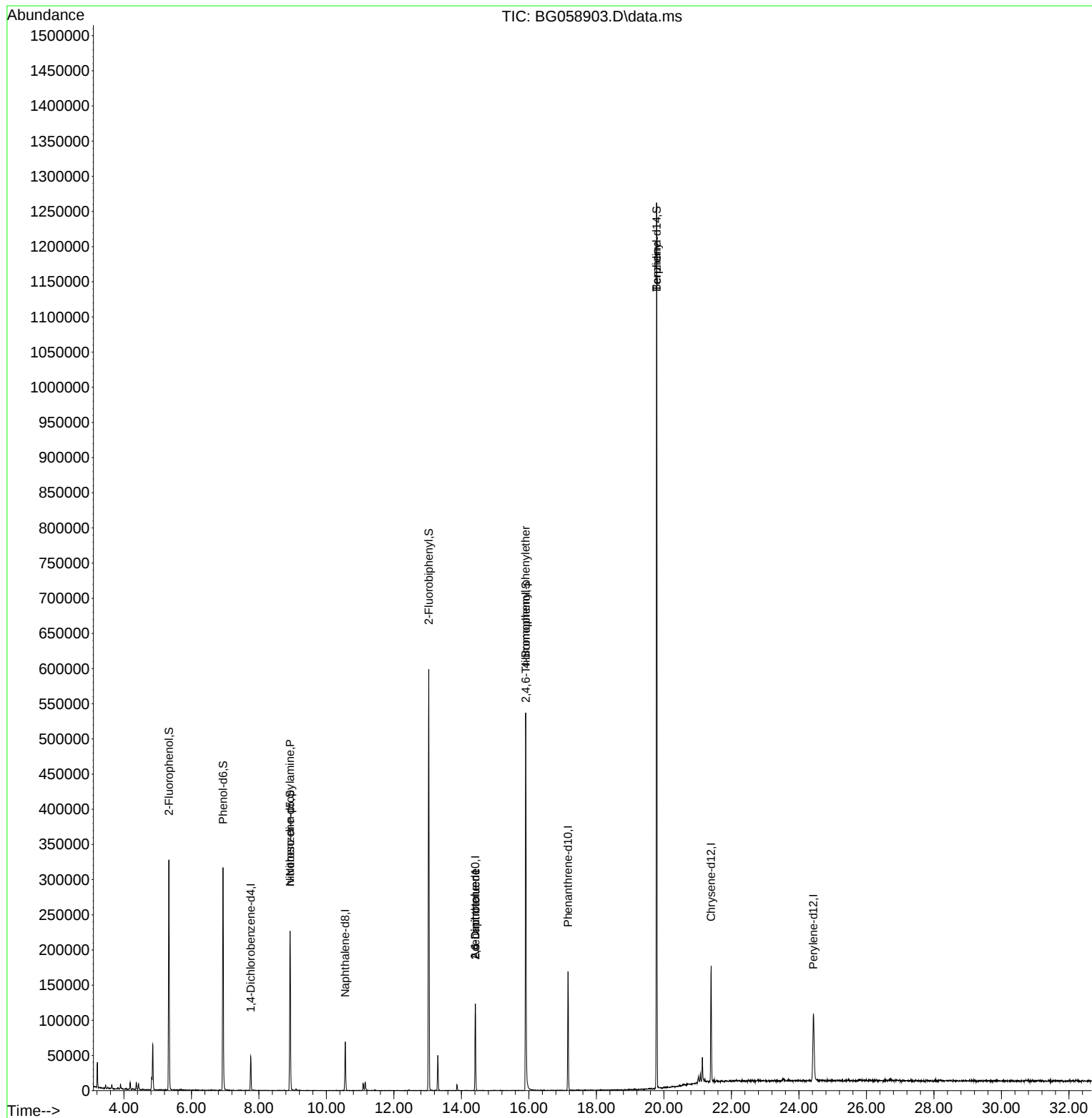
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	13388	20.000	ng	0.00
21) Naphthalene-d8	10.558	136	56837	20.000	ng	# 0.00
39) Acenaphthene-d10	14.412	164	46266	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	117631	20.000	ng	0.00
76) Chrysene-d12	21.398	240	94956	20.000	ng	0.00
86) Perylene-d12	24.430	264	112054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.335	112	132288	159.012	ng	0.00
7) Phenol-d6	6.939	99	171640	147.050	ng	0.00
23) Nitrobenzene-d5	8.925	82	127801	108.105	ng	0.00
42) 2,4,6-Tribromophenol	15.911	330	121926	168.071	ng	0.00
45) 2-Fluorobiphenyl	13.032	172	320343	100.706	ng	0.00
79) Terphenyl-d14	19.783	244	645133	121.993	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.925	70	17783	23.569	ng	# 70
51) 2,6-Dinitrotoluene	14.412	165	5702	7.577	ng	# 22
57) 2,4-Dinitrotoluene	14.412	165	5702	5.432	ng	# 19
67) 4-Bromophenyl-phenylether	15.905	248	7351	5.695	ng	# 1
77) Benzidine	19.783	184	9704	5.702	ng	# 90

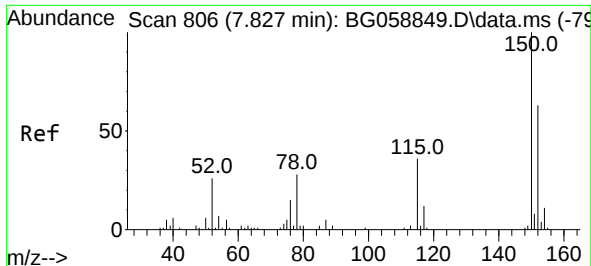
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
Data File : BG058903.D
Acq On : 30 Aug 2023 20:05
Operator : MA/JU
Sample : 04196-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-03

Quant Time: Aug 31 01:41:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 01:27:35 2023
Response via : Initial Calibration

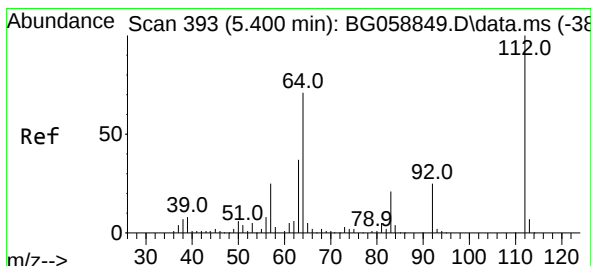
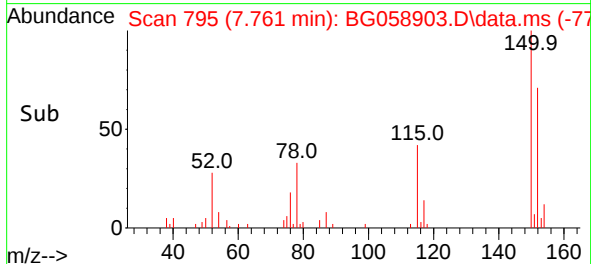
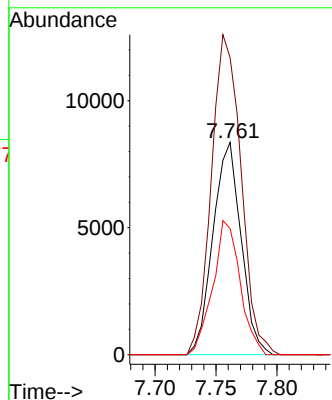
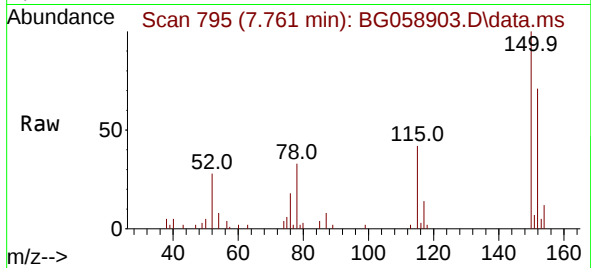




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 795
Delta R.T. 0.002 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

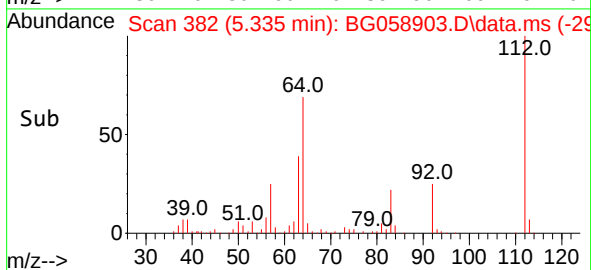
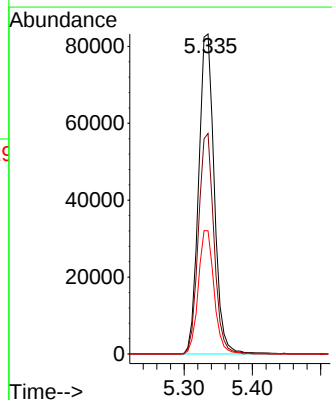
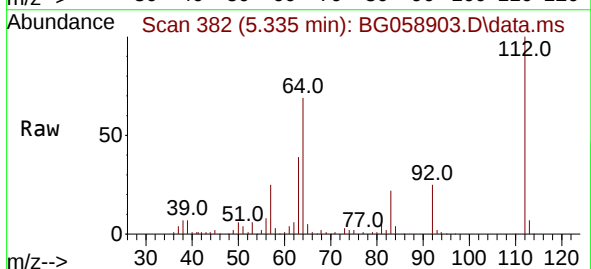
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-03

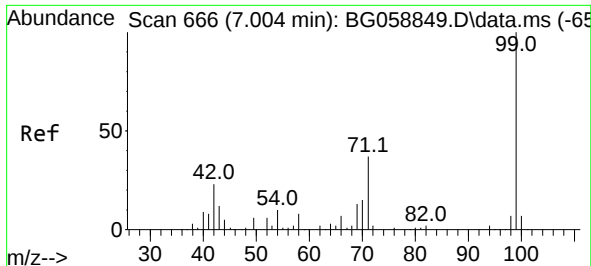
Tgt Ion:152 Resp: 13388
Ion Ratio Lower Upper
152 100
150 139.9 128.6 192.8
115 59.4 50.4 75.6



#5
2-Fluorophenol
Concen: 159.012 ng
RT: 5.335 min Scan# 382
Delta R.T. 0.009 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

Tgt Ion:112 Resp: 132288
Ion Ratio Lower Upper
112 100
64 68.9 60.6 90.8
63 38.5 31.0 46.4

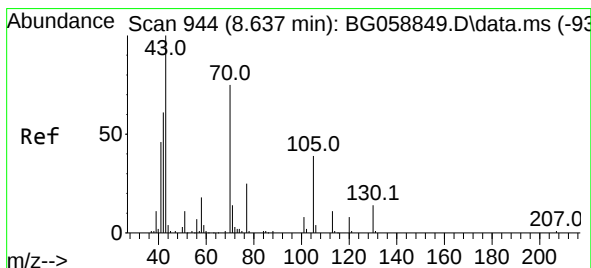
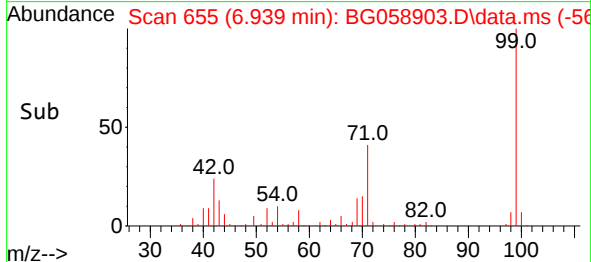
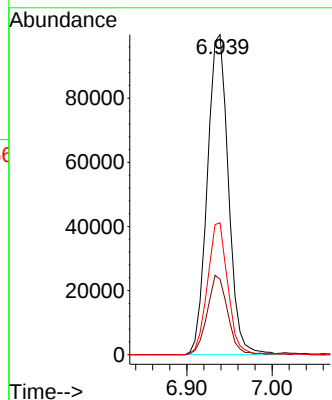
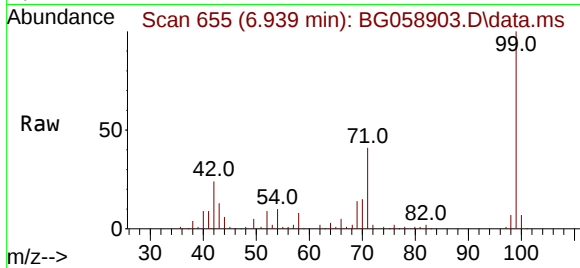




#7
Phenol-d6
Concen: 147.050 ng
RT: 6.939 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

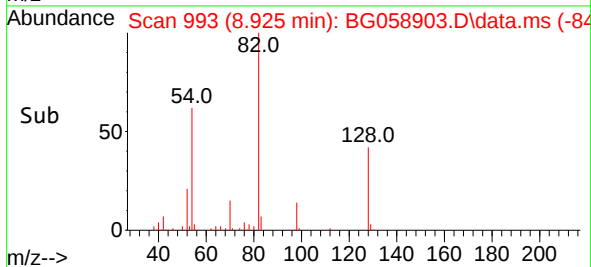
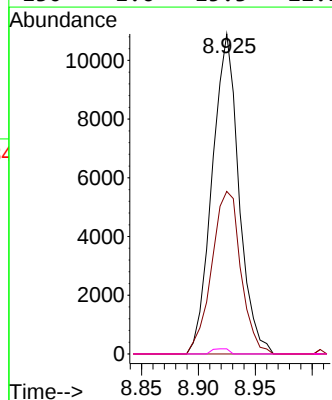
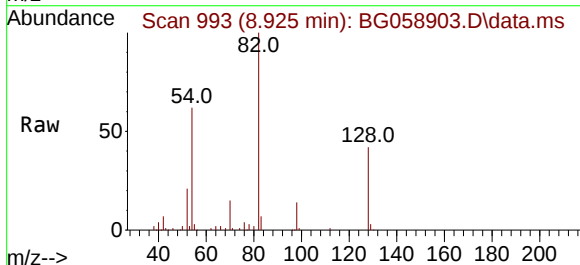
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-03

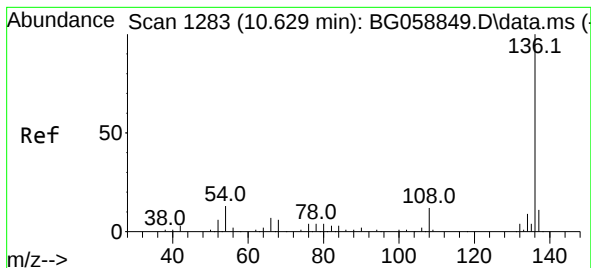
Tgt Ion: 99 Resp: 171640
Ion Ratio Lower Upper
99 100
42 23.6 16.5 24.7
71 41.2 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 23.569 ng
RT: 8.925 min Scan# 993
Delta R.T. 0.355 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

Tgt Ion: 70 Resp: 17783
Ion Ratio Lower Upper
70 100
42 50.8 59.2 88.8#
101 0.0 8.2 12.2#
130 1.6 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.558 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG058903.D

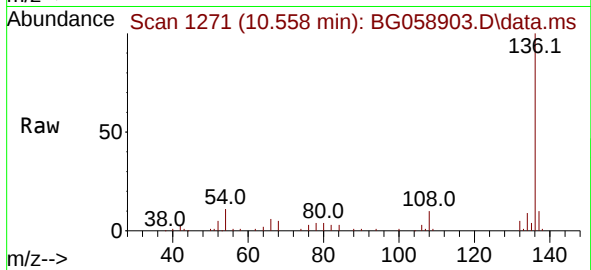
Acq: 30 Aug 2023 20:05

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-03



Tgt Ion:136 Resp: 56837

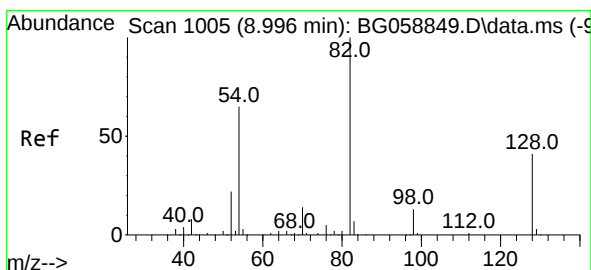
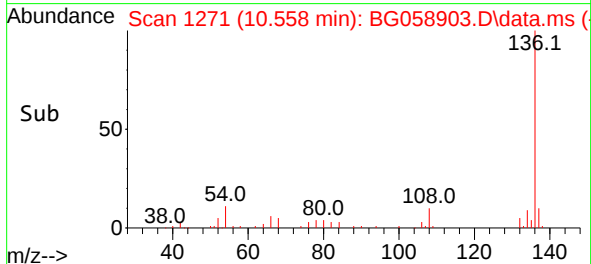
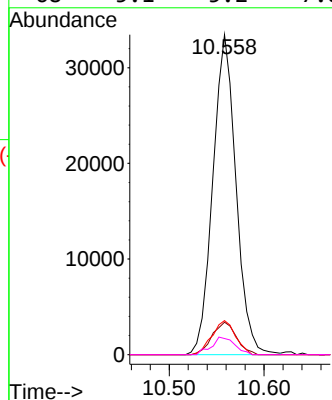
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 10.7 10.1 15.1

68 5.1 5.2 7.8#



#23

Nitrobenzene-d5

Concen: 108.105 ng

RT: 8.925 min Scan# 993

Delta R.T. -0.003 min

Lab File: BG058903.D

Acq: 30 Aug 2023 20:05

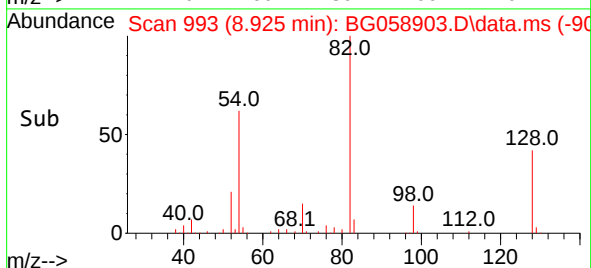
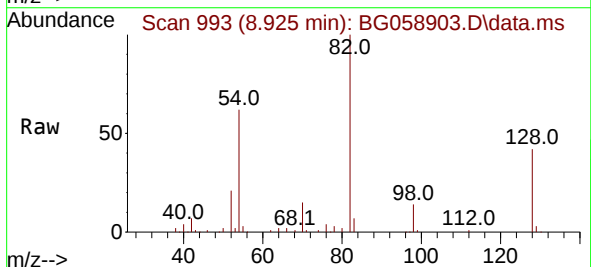
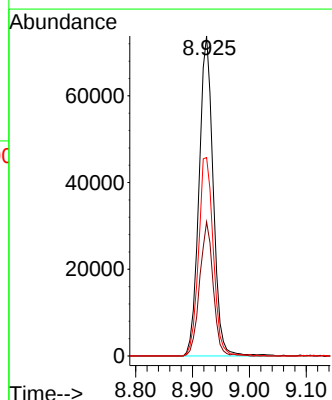
Tgt Ion: 82 Resp: 127801

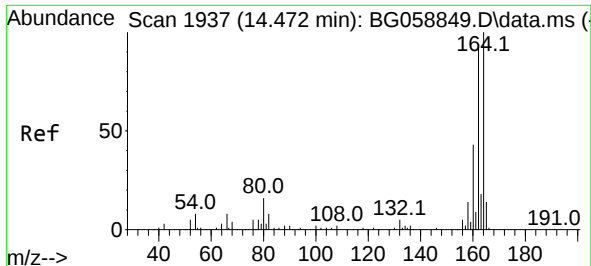
Ion Ratio Lower Upper

82 100

128 41.9 33.2 49.8

54 62.0 51.2 76.8

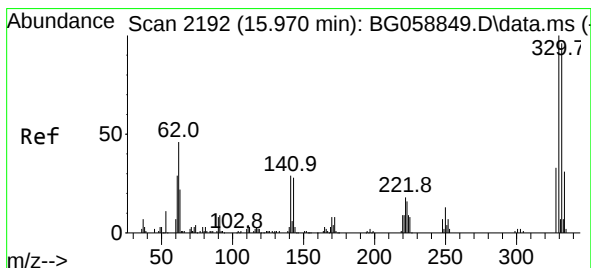
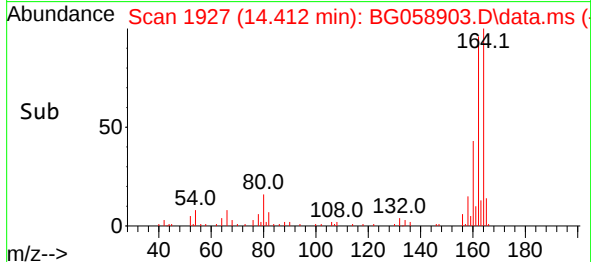
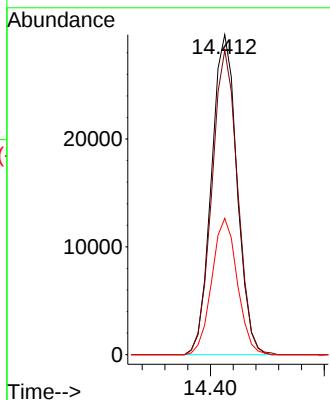
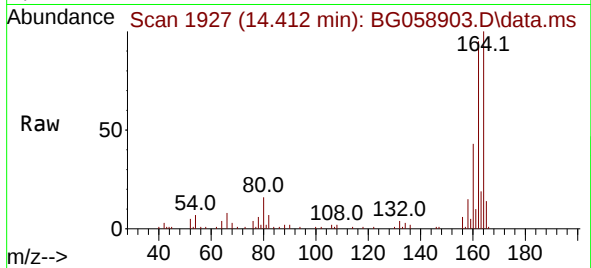




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.412 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

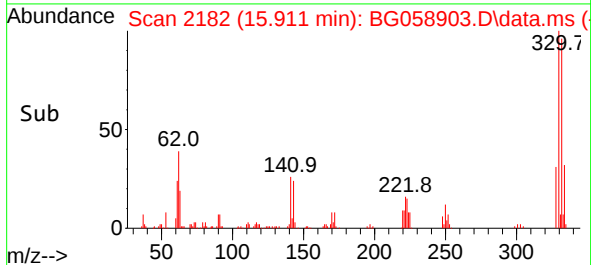
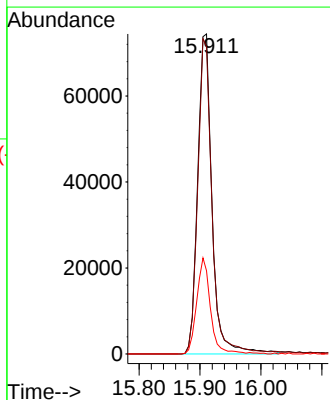
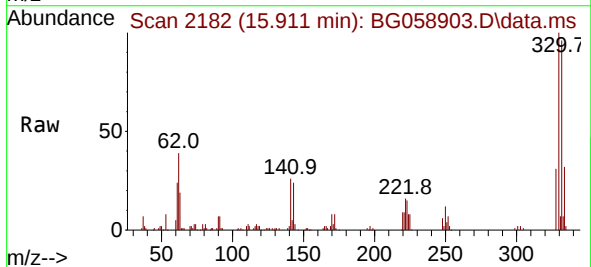
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-03

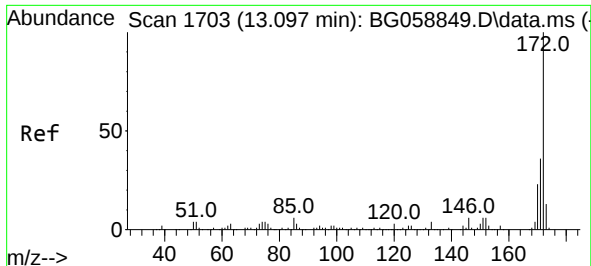
Tgt Ion:164 Resp: 46266
Ion Ratio Lower Upper
164 100
162 95.1 79.6 119.4
160 42.6 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 168.071 ng
RT: 15.911 min Scan# 2182
Delta R.T. -0.003 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

Tgt Ion:330 Resp: 121926
Ion Ratio Lower Upper
330 100
332 97.1 78.5 117.7
141 28.9 23.0 34.6

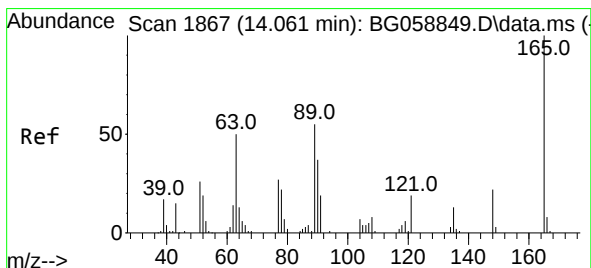
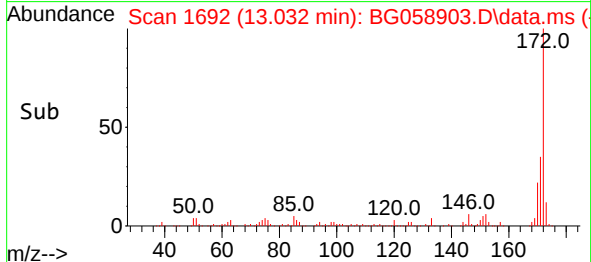
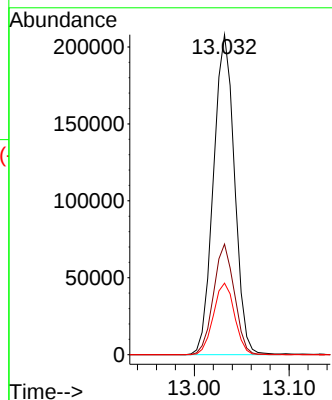
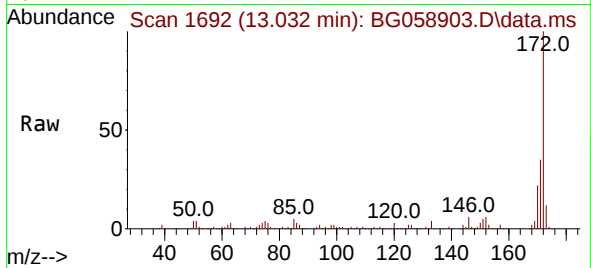




#45
2-Fluorobiphenyl
Concen: 100.706 ng
RT: 13.032 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

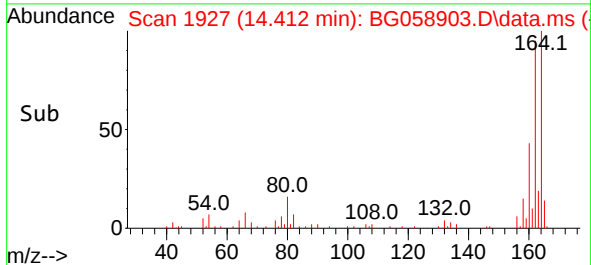
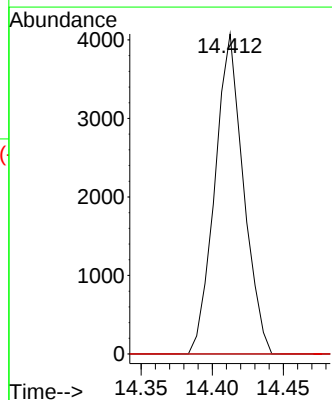
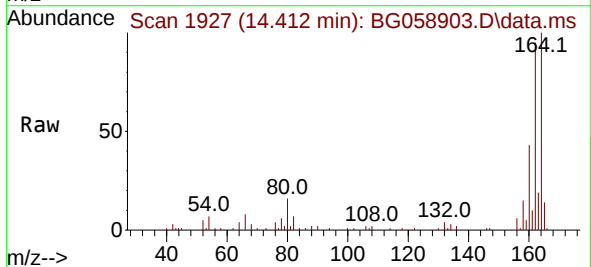
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-03

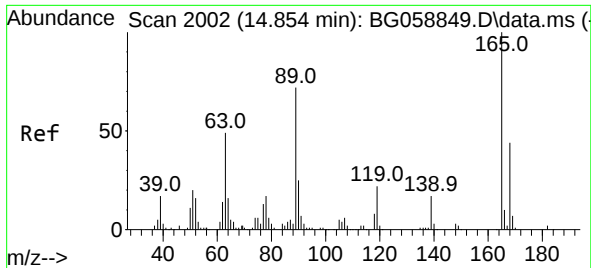
Tgt Ion:172 Resp: 320343
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.577 ng
RT: 14.412 min Scan# 1927
Delta R.T. 0.408 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

Tgt Ion:165 Resp: 5702
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: 5.432 ng

RT: 14.412 min Scan# 14

Delta R.T. -0.385 min

Lab File: BG058903.D

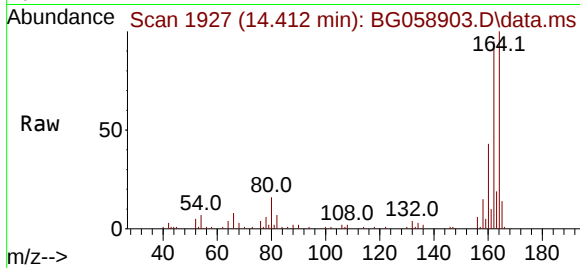
Acq: 30 Aug 2023 20:05

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-03



Tgt Ion:165 Resp: 5702

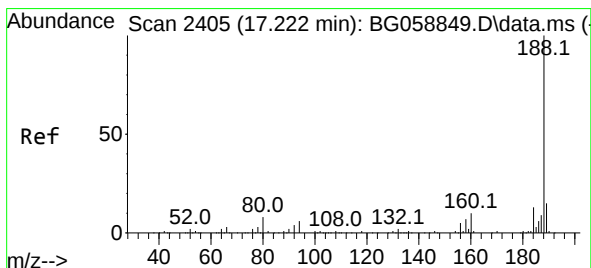
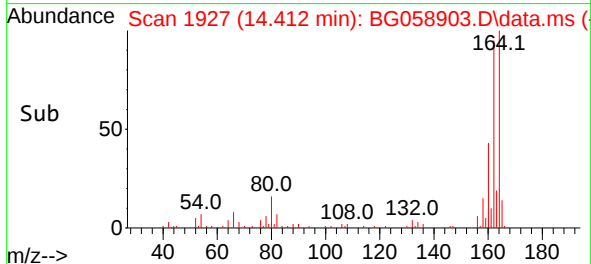
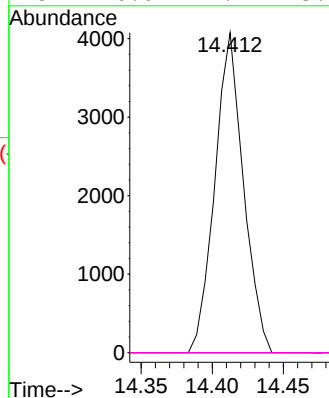
Ion Ratio Lower Upper

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: 17.156 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BG058903.D

Acq: 30 Aug 2023 20:05

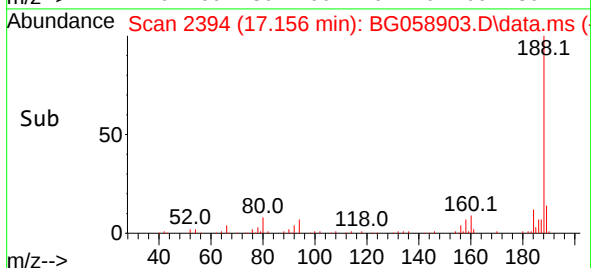
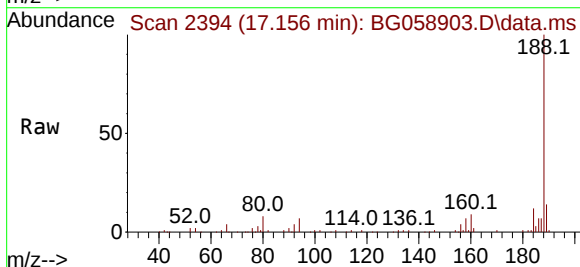
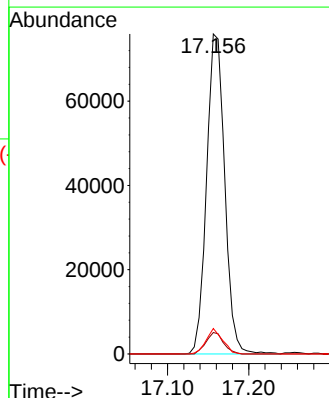
Tgt Ion:188 Resp: 117631

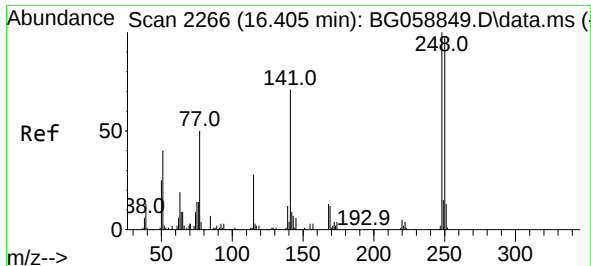
Ion Ratio Lower Upper

188 100

94 6.7 6.1 9.1

80 7.9 6.9 10.3

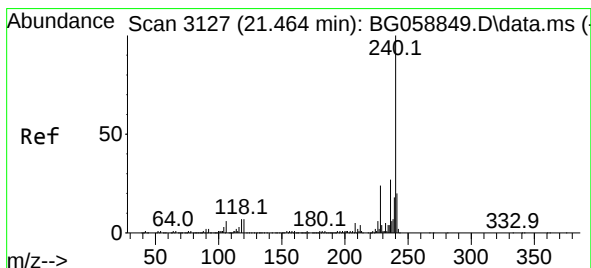
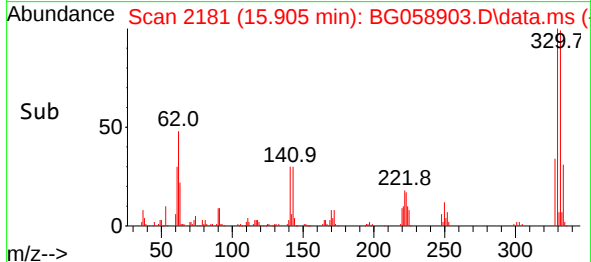
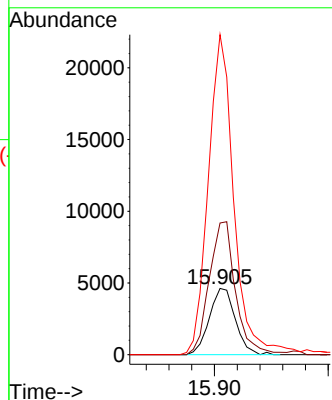
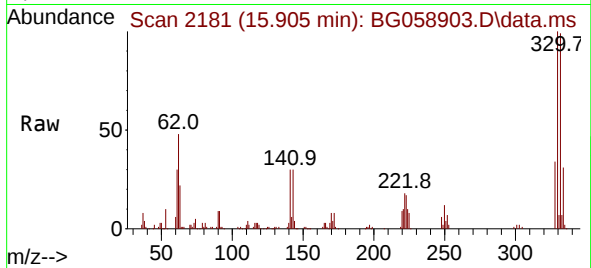




#67
4-Bromophenyl-phenylether
Concen: 5.695 ng
RT: 15.905 min Scan# 2116
Delta R.T. -0.450 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

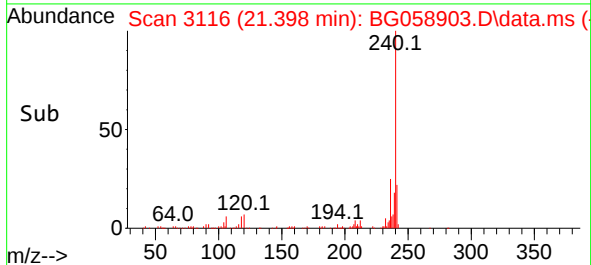
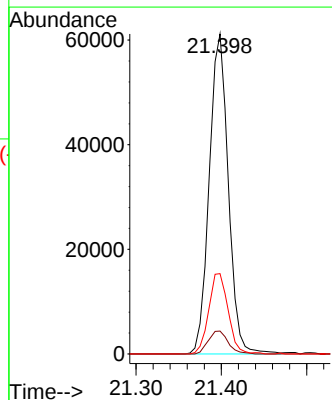
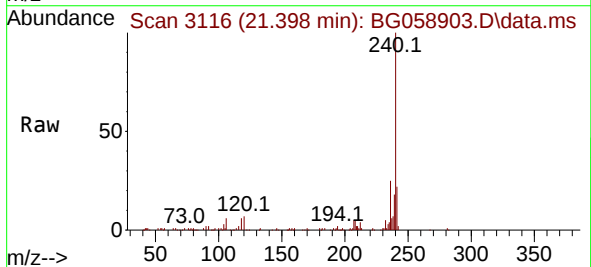
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-03

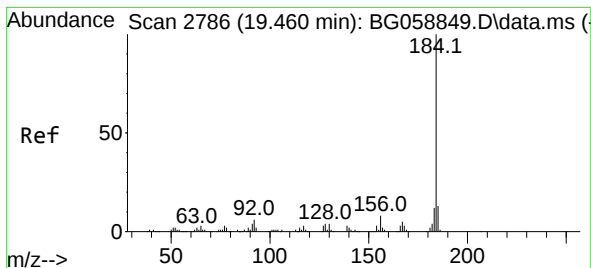
Tgt Ion:248 Resp: 7351
Ion Ratio Lower Upper
248 100
250 198.8 77.7 116.5#
141 483.4 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3116
Delta R.T. -0.009 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

Tgt Ion:240 Resp: 94956
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.2
236 25.1 20.5 30.7





#77

Benzidine

Concen: 5.702 ng

RT: 19.783 min Scan# 2841

Delta R.T. 0.373 min

Lab File: BG058903.D

Acq: 30 Aug 2023 20:05

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-03

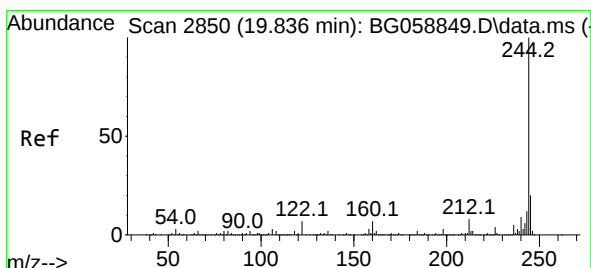
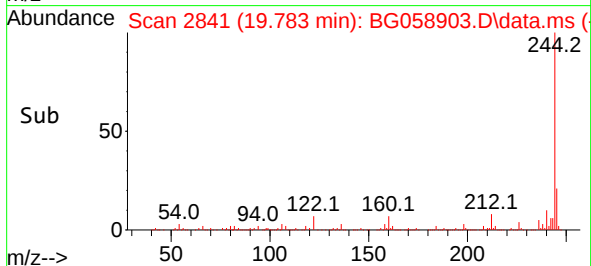
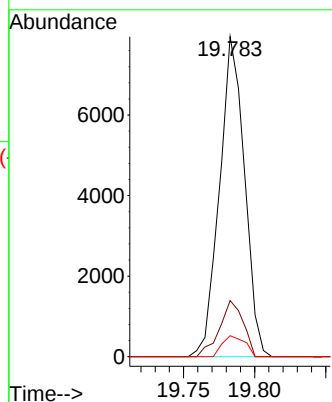
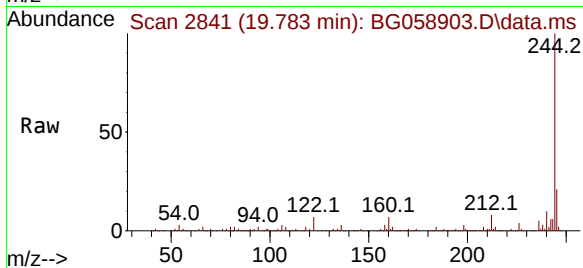
Tgt Ion:184 Resp: 9704

Ion Ratio Lower Upper

184 100

185 17.6 11.9 17.9

183 6.5 10.0 15.0#



#79

Terphenyl-d14

Concen: 121.993 ng

RT: 19.783 min Scan# 2841

Delta R.T. -0.009 min

Lab File: BG058903.D

Acq: 30 Aug 2023 20:05

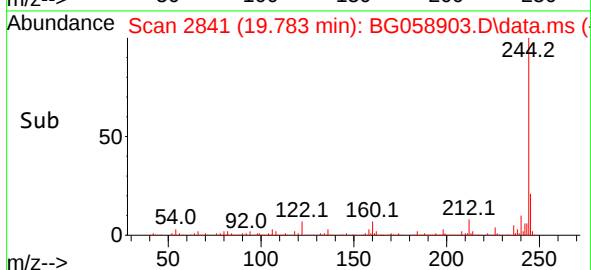
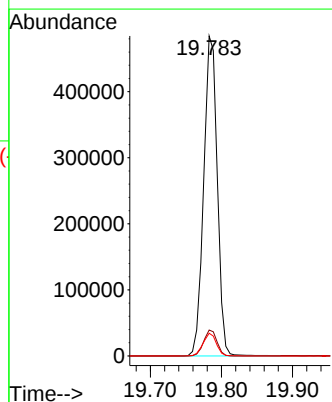
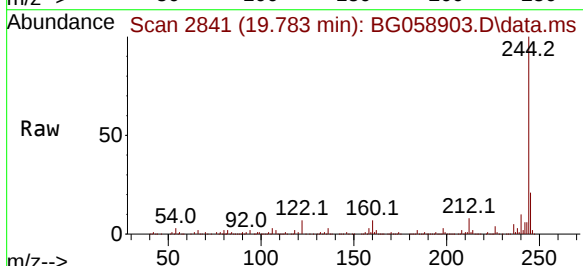
Tgt Ion:244 Resp: 645133

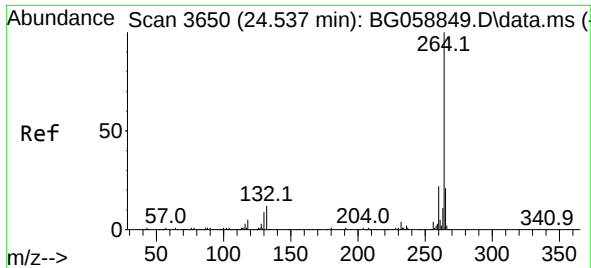
Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

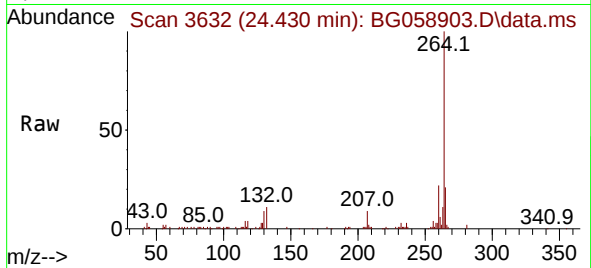
122 7.1 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.430 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG058903.D
 Acq: 30 Aug 2023 20:05

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-03



Tgt Ion:264 Resp: 112054
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.2 27.2
 265 21.4 16.4 24.6

