

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058531.D
 Acq On : 28 Jul 2023 23:51
 Operator : MA/JU
 Sample : 03632-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-(7-9)

Quant Time: Jul 29 01:06:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

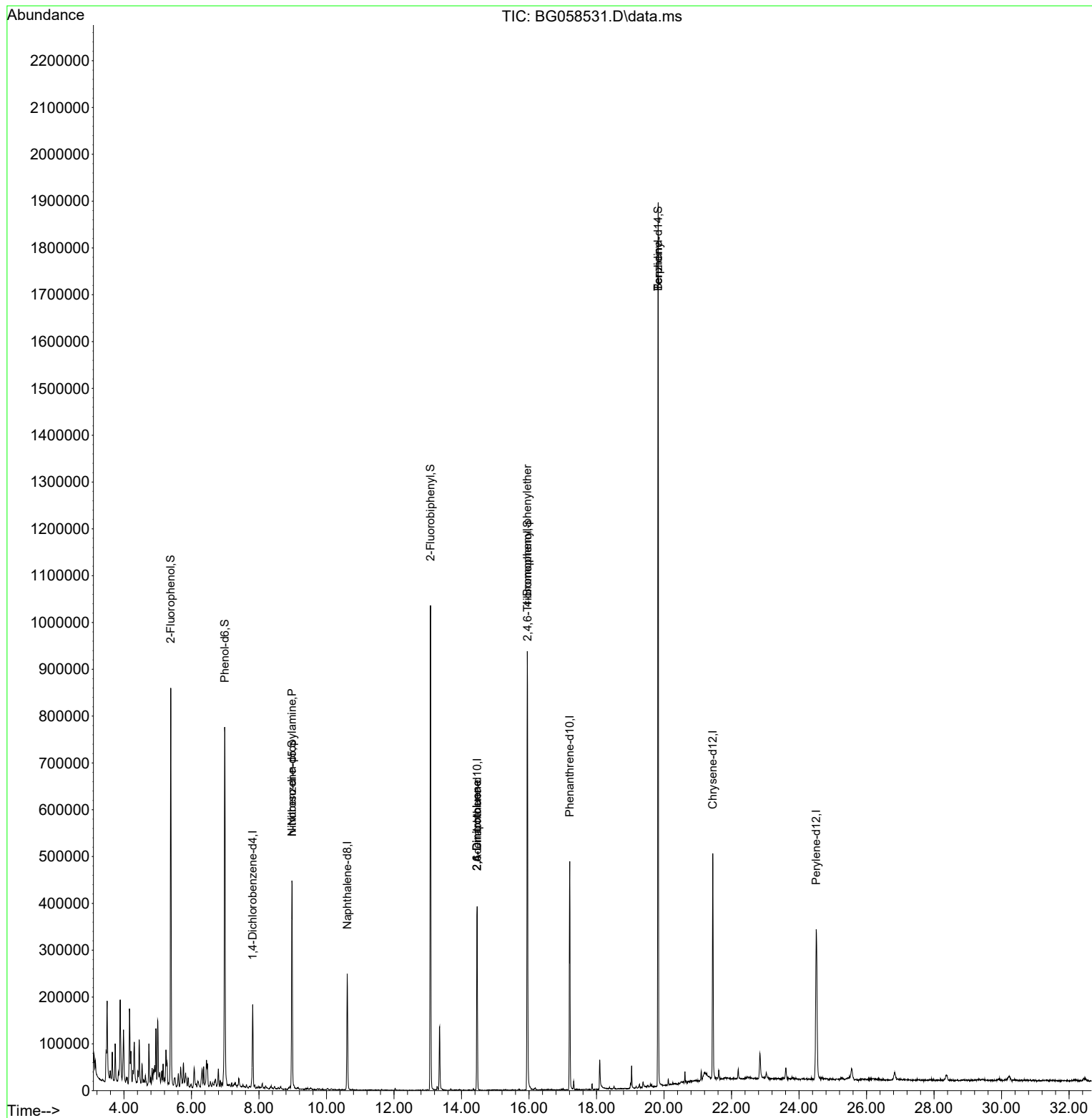
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	49201	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	211463	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	144771	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	315198	20.000	ng	0.00
76) Chrysene-d12	21.443	240	278313	20.000	ng	0.00
86) Perylene-d12	24.510	264	346912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	329836	102.465	ng	0.00
7) Phenol-d6	6.983	99	478515	106.831	ng	0.00
23) Nitrobenzene-d5	8.975	82	282416	65.608	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	214163	90.254	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	583743	60.426	ng	0.00
79) Terphenyl-d14	19.827	244	1006603	68.015	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	36078	12.470	ng	# 77
51) 2,6-Dinitrotoluene	14.457	165	18816	7.887	ng	# 23
57) 2,4-Dinitrotoluene	14.457	165	18816	5.689	ng	# 24
67) 4-Bromophenyl-phenylether	15.949	248	13401	3.749	ng	# 1
77) Benzidine	19.827	184	12057	2.857	ng	# 93

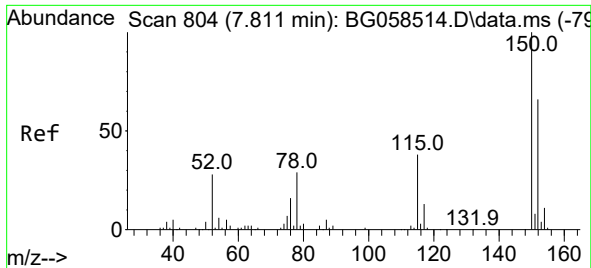
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Time: Jul 29 01:06:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

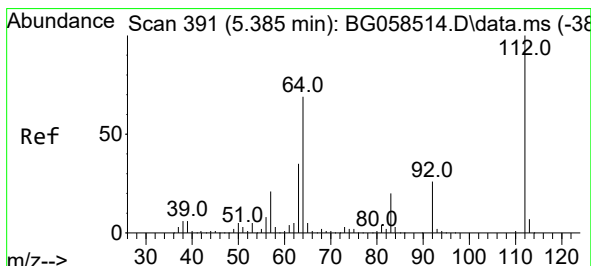
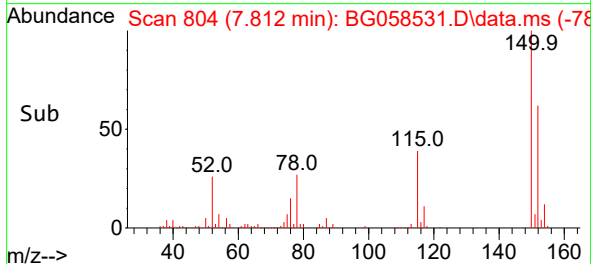
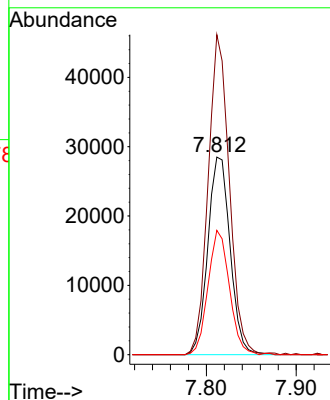
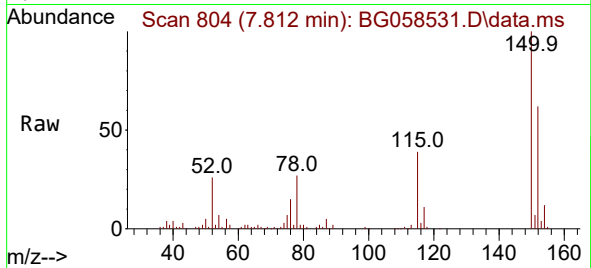




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

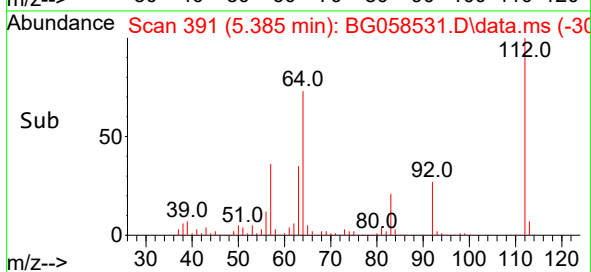
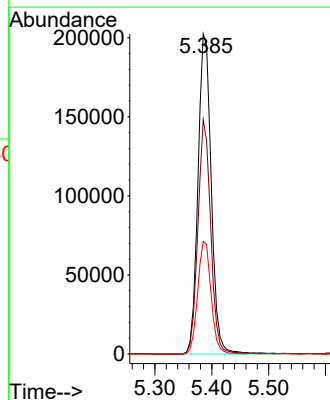
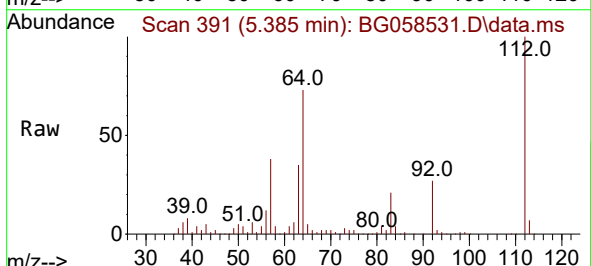
Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

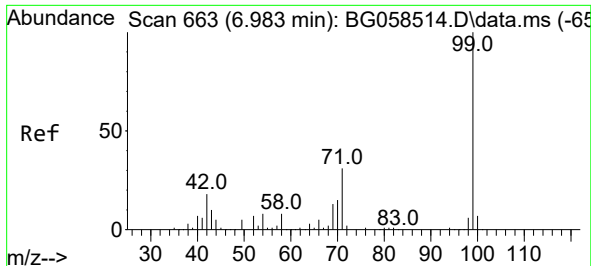
Tgt Ion:152 Resp: 49201
Ion Ratio Lower Upper
152 100
150 161.9 120.5 180.7
115 62.9 45.9 68.9



#5
2-Fluorophenol
Concen: 102.465 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

Tgt Ion:112 Resp: 329836
Ion Ratio Lower Upper
112 100
64 73.2 55.3 82.9
63 35.2 28.3 42.5

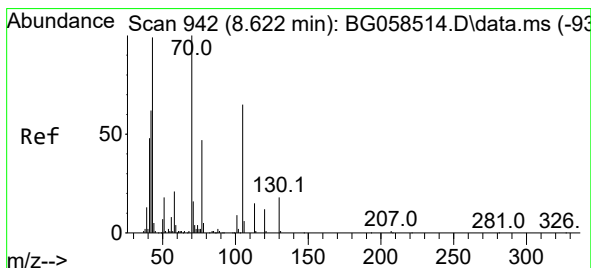
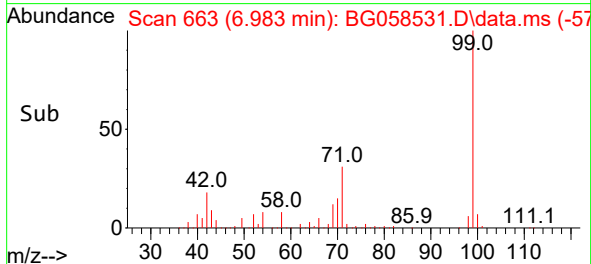
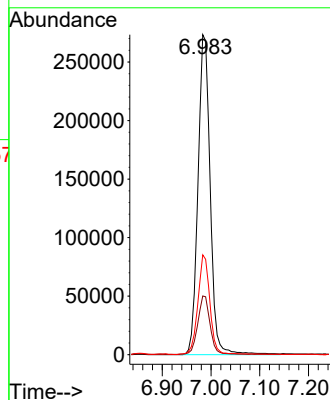
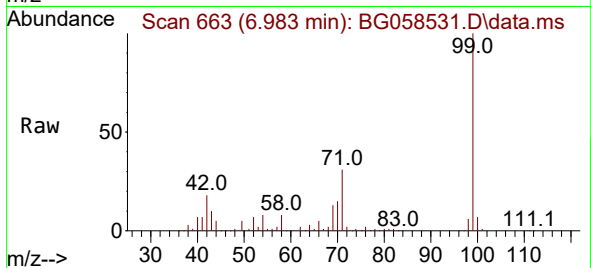




#7
Phenol-d6
Concen: 106.831 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

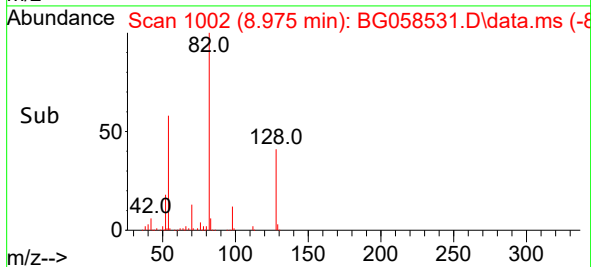
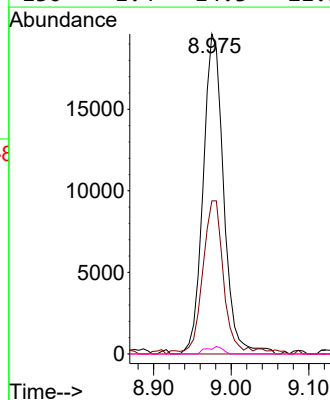
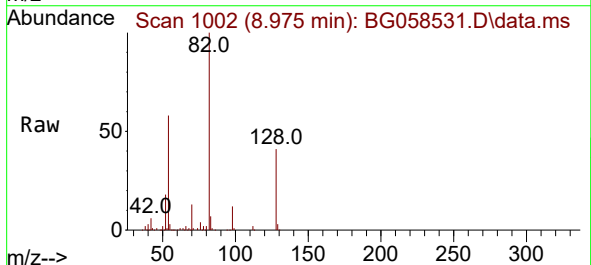
Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

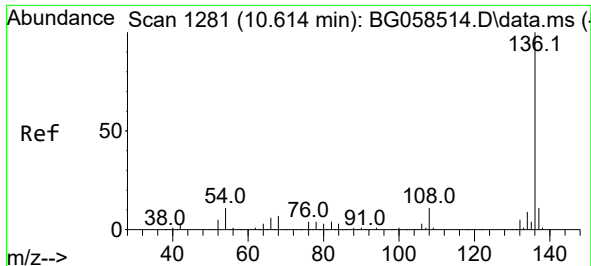
Tgt Ion: 99 Resp: 478515
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 31.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.470 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

Tgt Ion: 70 Resp: 36078
Ion Ratio Lower Upper
70 100
42 47.9 49.7 74.5#
101 0.0 7.0 10.4#
130 1.4 14.3 21.5#

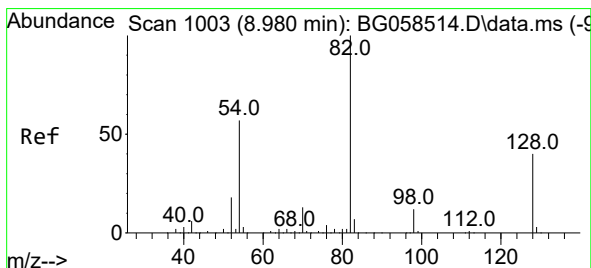
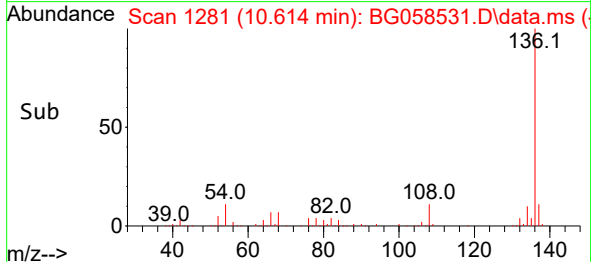
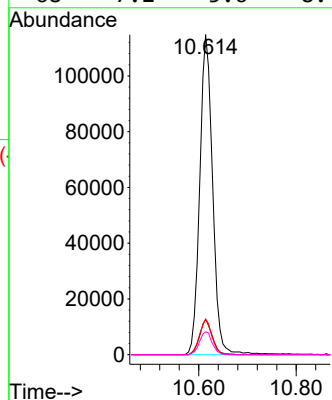
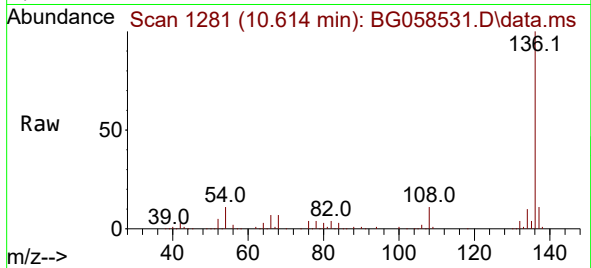




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

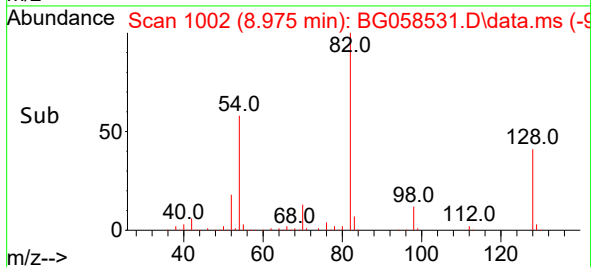
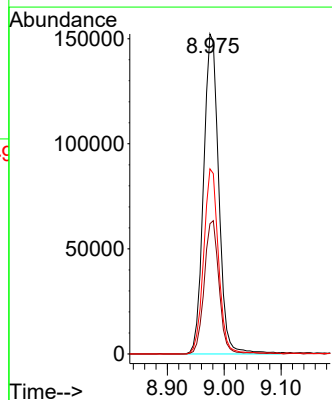
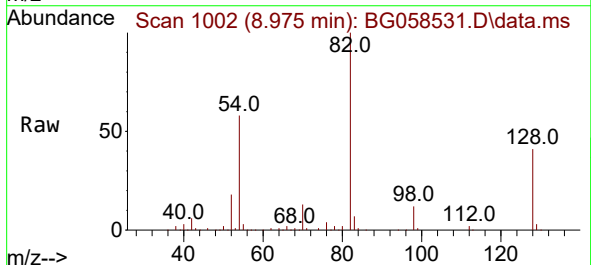
Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

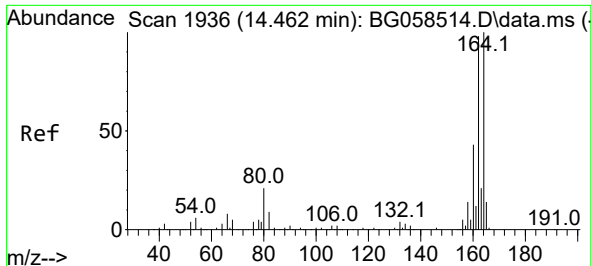
Tgt Ion:136 Resp: 211463
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.1 8.9 13.3
68 7.2 5.6 8.4



#23
Nitrobenzene-d5
Concen: 65.608 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

Tgt Ion: 82 Resp: 282416
Ion Ratio Lower Upper
82 100
128 40.7 32.2 48.2
54 57.8 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058531.D

Acq: 28 Jul 2023 23:51

Instrument :

BNA_G

ClientSampleId :

SB-03-(7-9)

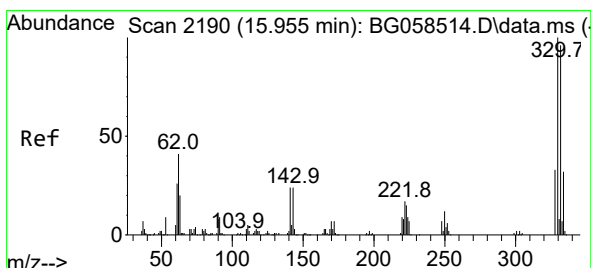
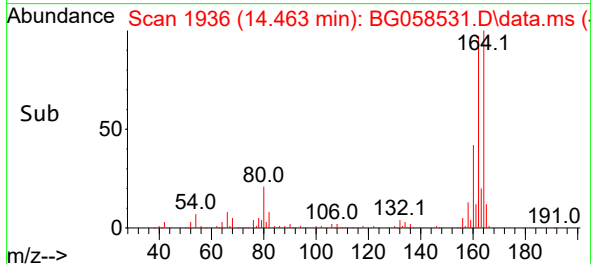
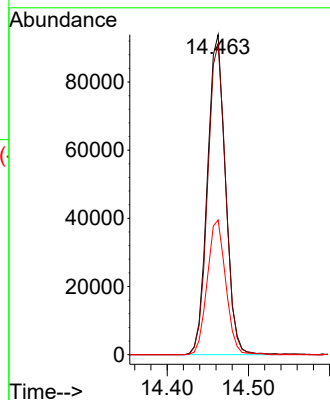
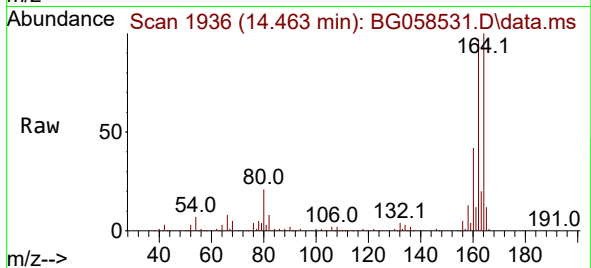
Tgt Ion:164 Resp: 144771

Ion Ratio Lower Upper

164 100

162 97.2 78.3 117.5

160 42.1 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 90.254 ng

RT: 15.955 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BG058531.D

Acq: 28 Jul 2023 23:51

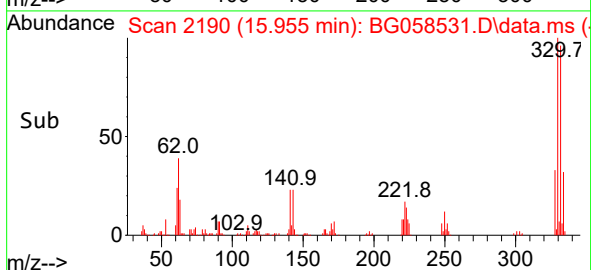
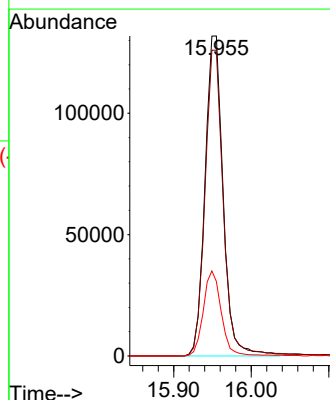
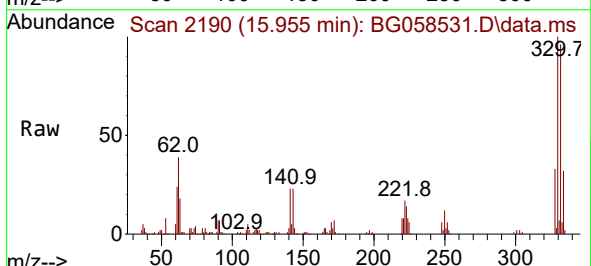
Tgt Ion:330 Resp: 214163

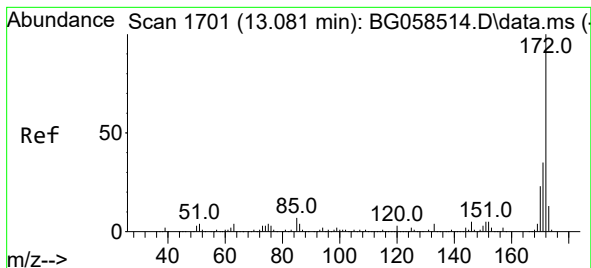
Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 26.5 20.7 31.1

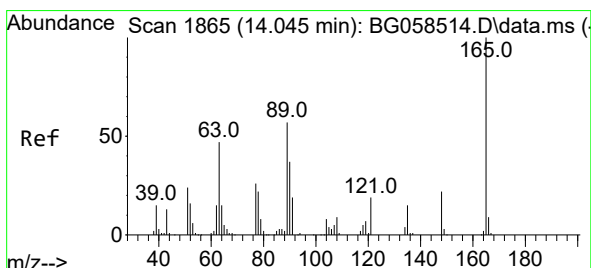
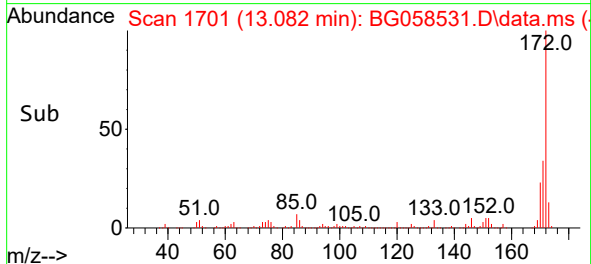
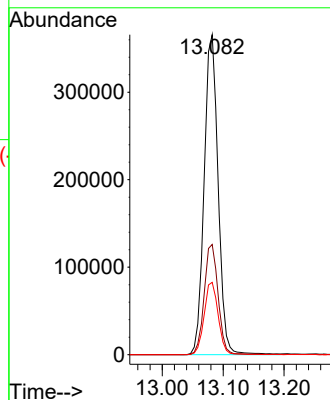
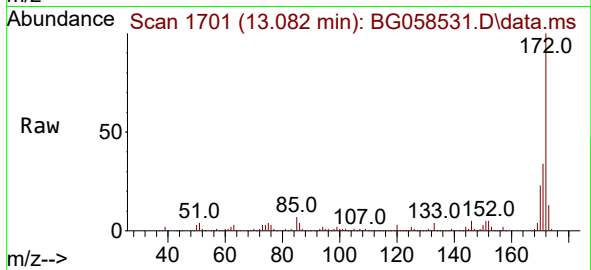




#45
2-Fluorobiphenyl
Concen: 60.426 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

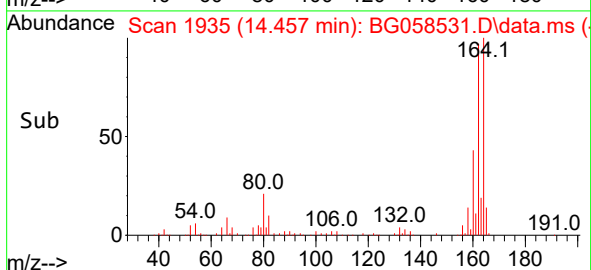
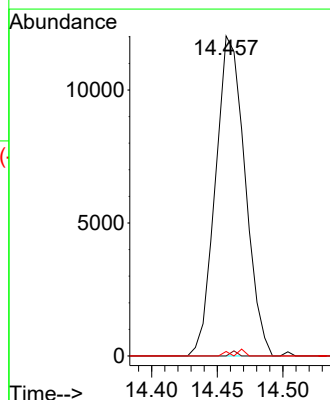
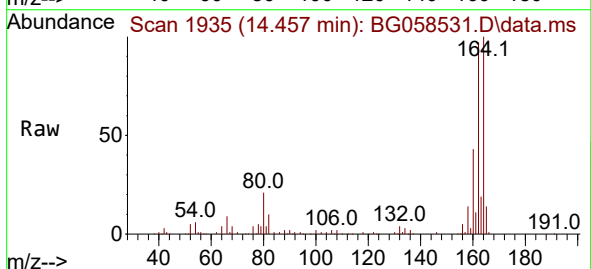
Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

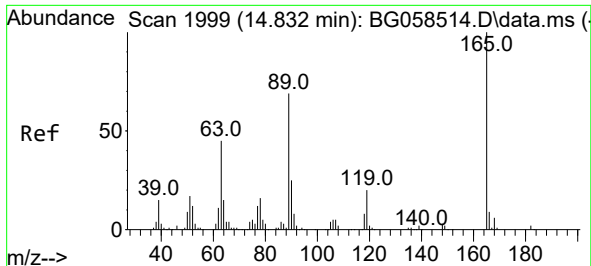
Tgt Ion:172 Resp: 583743
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 22.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.887 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

Tgt Ion:165 Resp: 18816
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.4 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.689 ng

RT: 14.457 min Scan# 1999

Delta R.T. -0.375 min

Lab File: BG058531.D

Acq: 28 Jul 2023 23:51

Instrument :

BNA_G

ClientSampleId :

SB-03-(7-9)

Tgt Ion:165 Resp: 18816

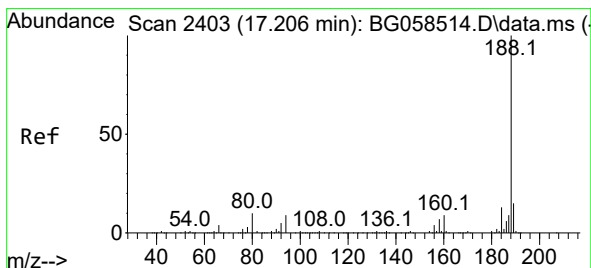
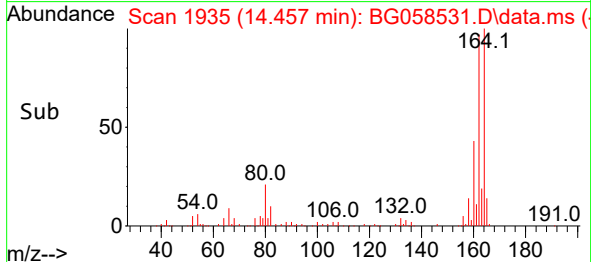
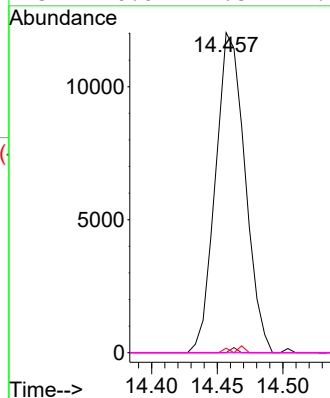
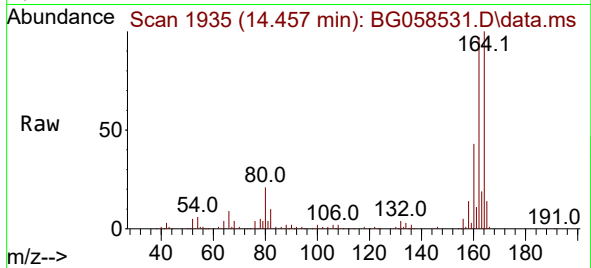
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 1.4 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058531.D

Acq: 28 Jul 2023 23:51

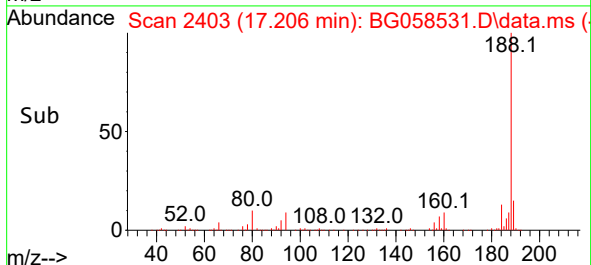
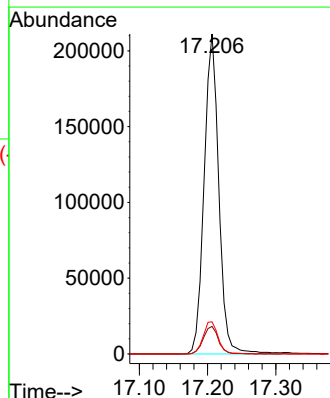
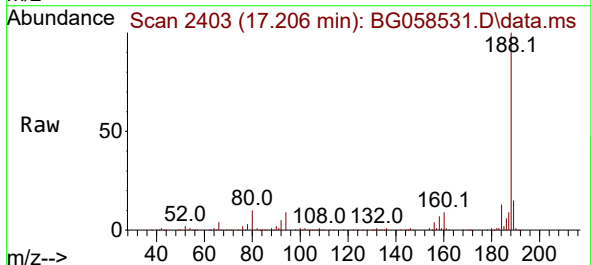
Tgt Ion:188 Resp: 315198

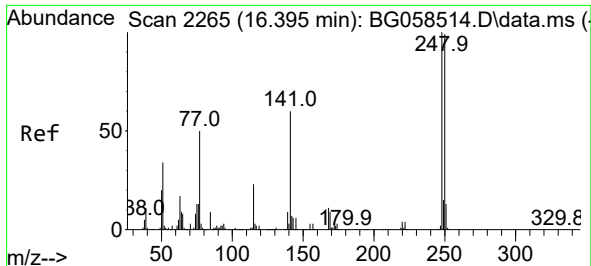
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 10.0 8.1 12.1

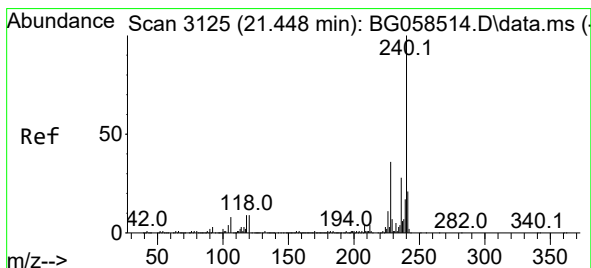
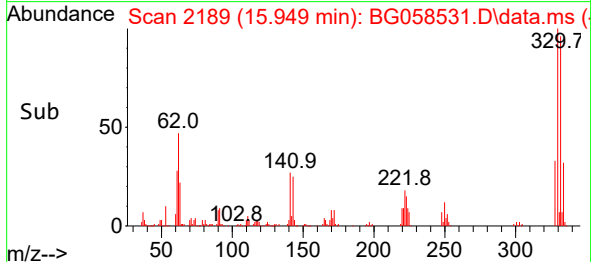
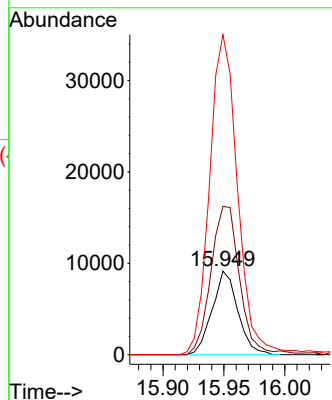
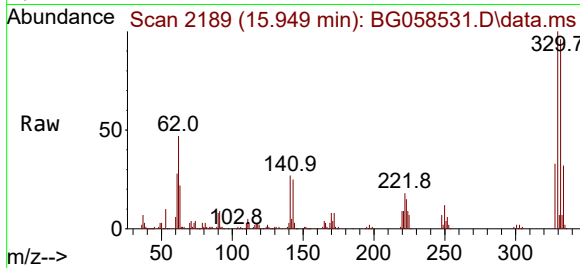




#67
4-Bromophenyl-phenylether
Concen: 3.749 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

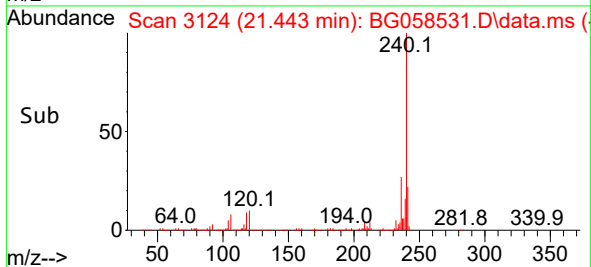
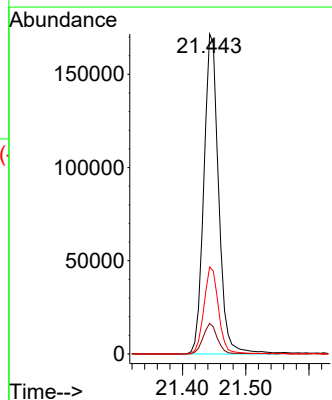
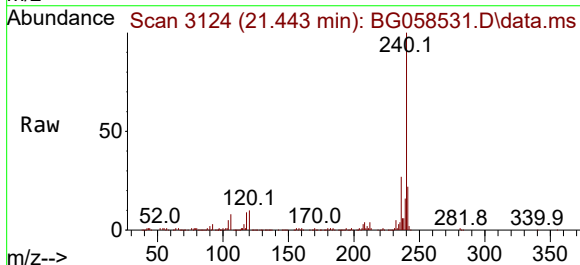
Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

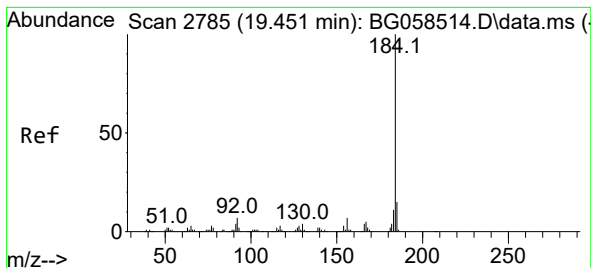
Tgt Ion:248 Resp: 13401
Ion Ratio Lower Upper
248 100
250 177.6 79.5 119.3#
141 383.2 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

Tgt Ion:240 Resp: 278313
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 27.2 22.2 33.4





#77

Benzidine

Concen: 2.857 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.376 min

Lab File: BG058531.D

Acq: 28 Jul 2023 23:51

Instrument :

BNA_G

ClientSampleId :

SB-03-(7-9)

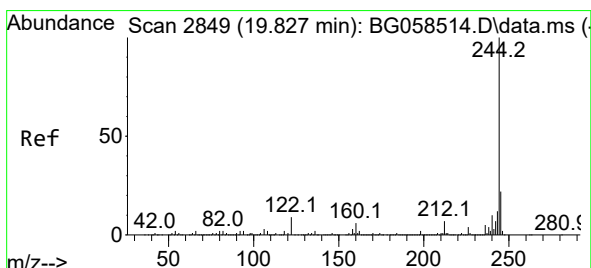
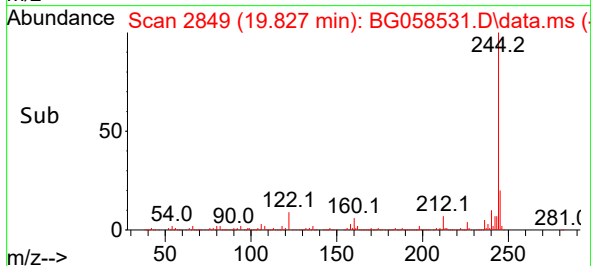
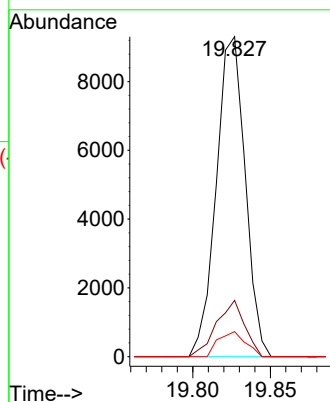
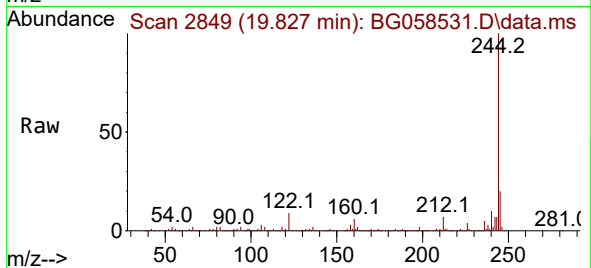
Tgt Ion:184 Resp: 12057

Ion Ratio Lower Upper

184 100

185 17.6 11.9 17.9

183 7.9 8.7 13.1#



#79

Terphenyl-d14

Concen: 68.015 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BG058531.D

Acq: 28 Jul 2023 23:51

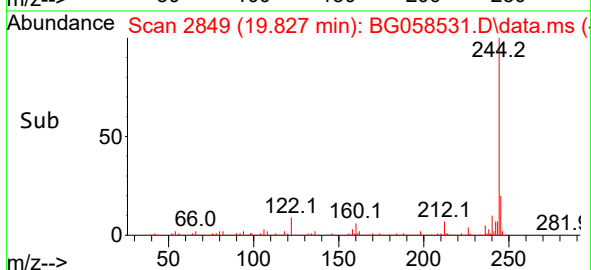
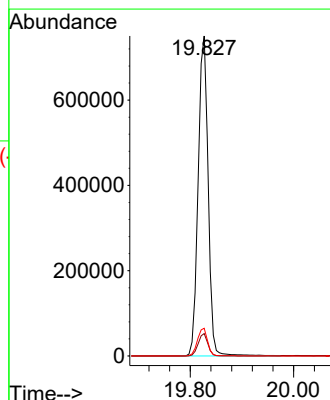
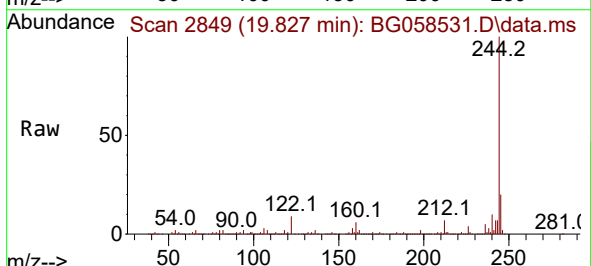
Tgt Ion:244 Resp: 1006603

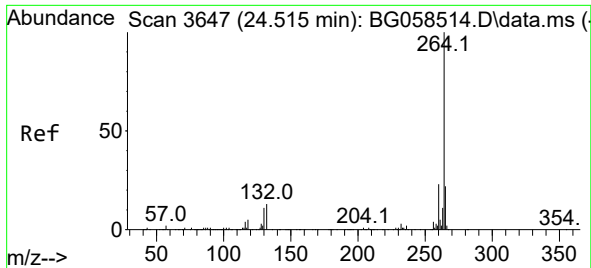
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

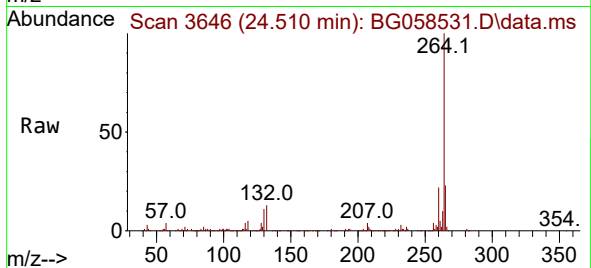
122 8.7 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.510 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG058531.D
Acq: 28 Jul 2023 23:51

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)



Tgt Ion:264 Resp: 346912
Ion Ratio Lower Upper
264 100
260 21.9 18.4 27.6
265 23.2 17.9 26.9

