

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058685.D
 Acq On : 10 Aug 2023 19:07
 Operator : MA/JU
 Sample : 03954-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16

Quant Time: Aug 11 01:57:10 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)

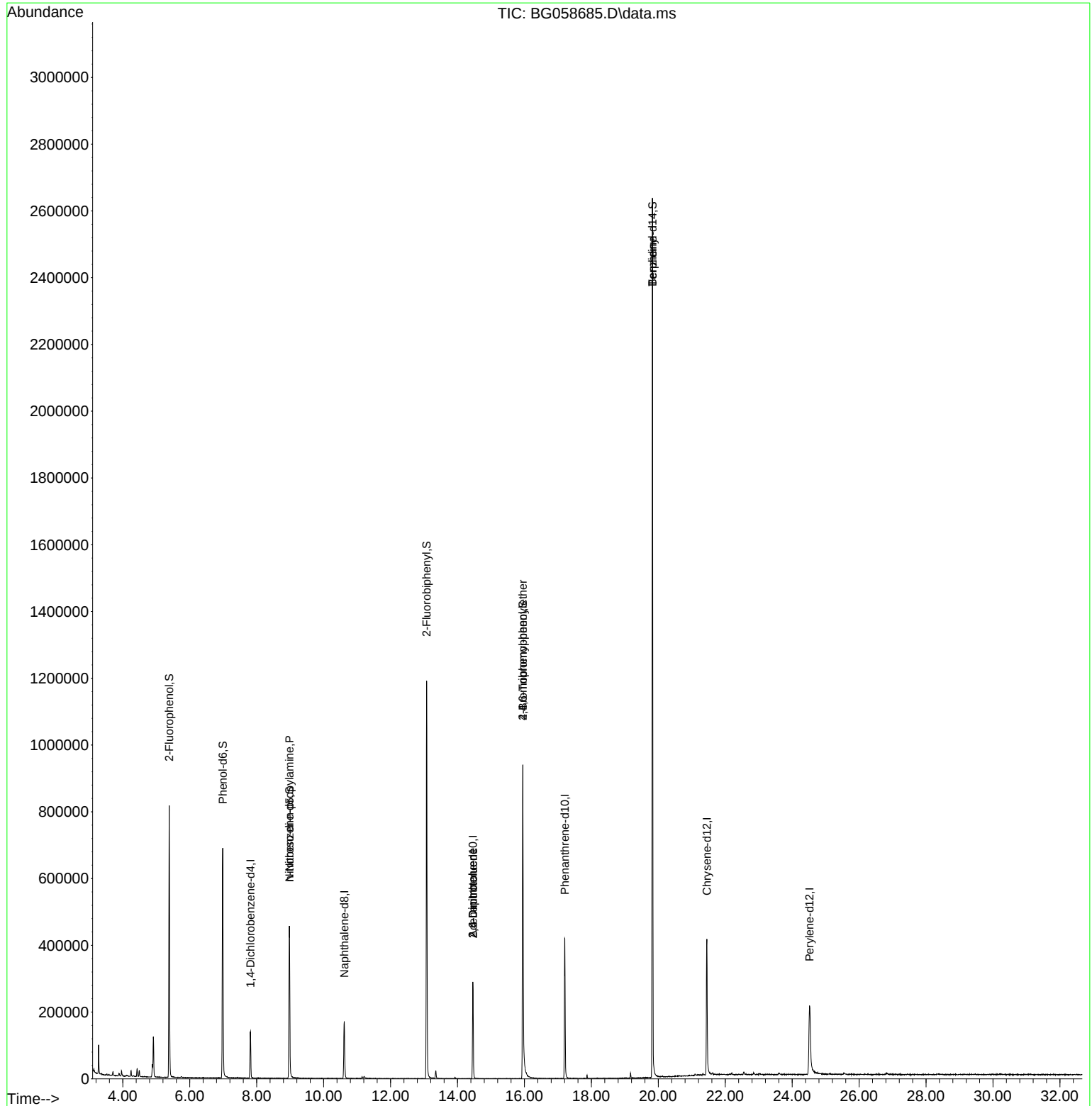
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	37750	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	160093	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	112662	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	306412	20.000	ng	0.00
76) Chrysene-d12	21.450	240	283802	20.000	ng	0.00
86) Perylene-d12	24.517	264	303378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	341541	138.286	ng	0.00
7) Phenol-d6	6.985	99	428872	124.792	ng	0.00
23) Nitrobenzene-d5	8.977	82	298101	91.474	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	257231	139.299	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	677241	90.084	ng	0.00
79) Terphenyl-d14	19.823	244	1448362	95.971	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.977	70	37637	16.955	ng	# 78
51) 2,6-Dinitrotoluene	14.458	165	14409	7.761	ng	# 24
57) 2,4-Dinitrotoluene	14.458	165	14409	5.598	ng	# 24
67) 4-Bromophenyl-phenylether	15.951	248	15824	4.553	ng	# 1
77) Benzydine	19.823	184	18090	4.203	ng	# 95

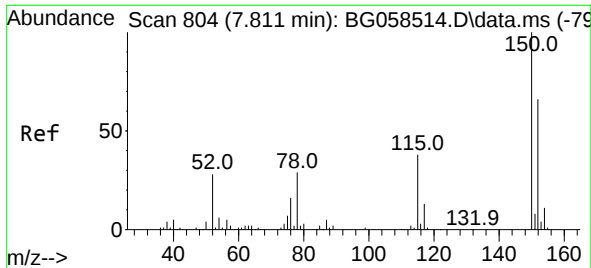
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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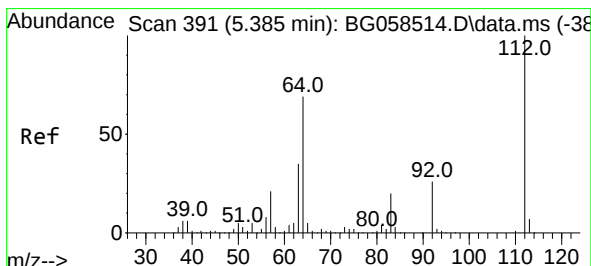
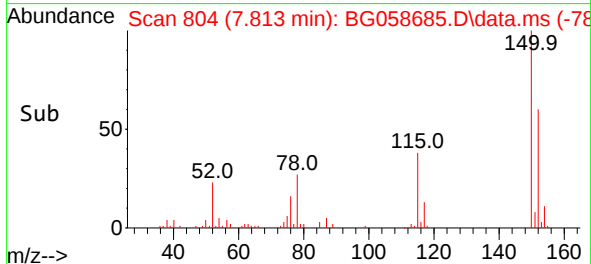
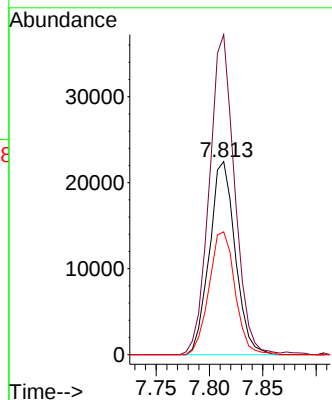
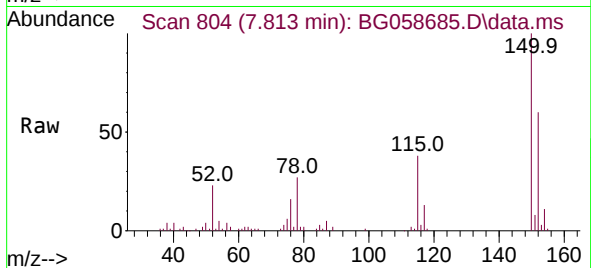




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058685.D
Acq: 10 Aug 2023 19:07

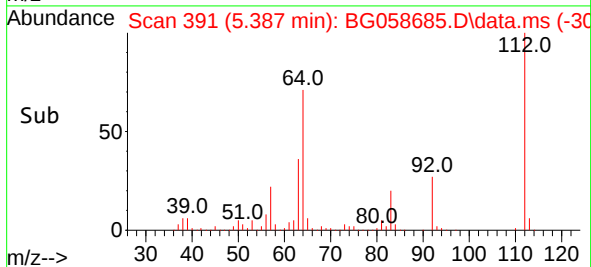
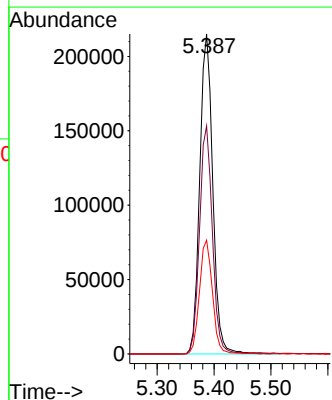
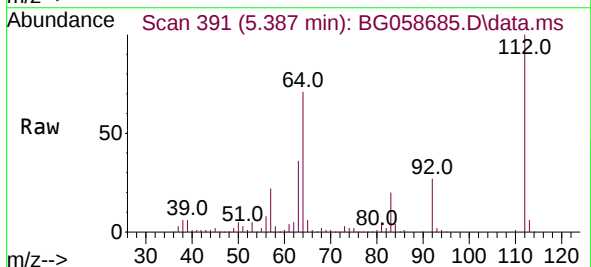
Instrument :
BNA_G
ClientSampleId :
WC-16

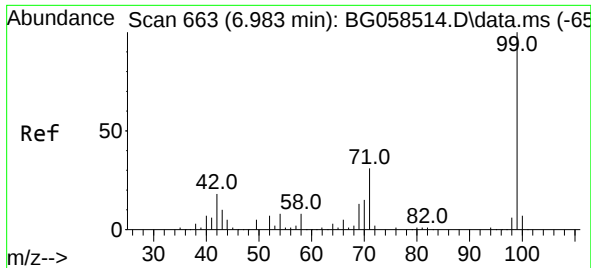
Tgt Ion:152 Resp: 37750
Ion Ratio Lower Upper
152 100
150 165.7 120.5 180.7
115 63.6 45.9 68.9



#5
2-Fluorophenol
Concen: 138.286 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058685.D
Acq: 10 Aug 2023 19:07

Tgt Ion:112 Resp: 341541
Ion Ratio Lower Upper
112 100
64 71.2 55.3 82.9
63 35.5 28.3 42.5

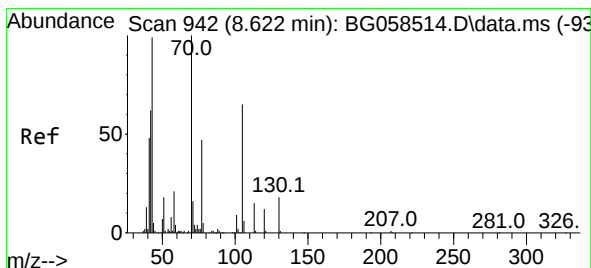
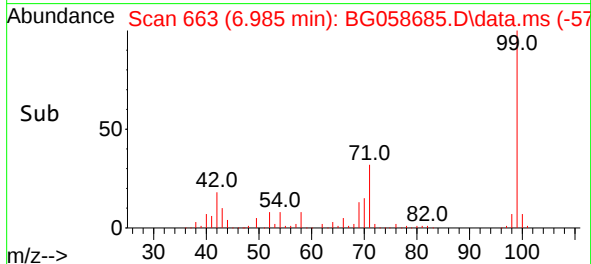
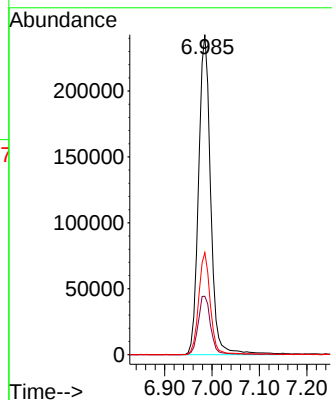
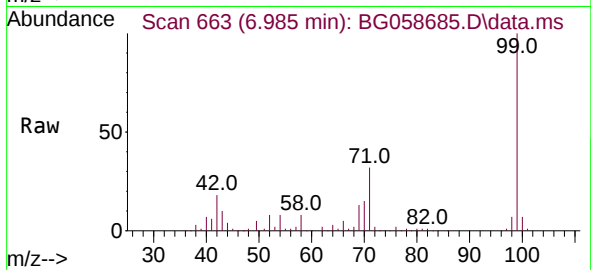




#7
Phenol-d6
Concen: 124.792 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058685.D
Acq: 10 Aug 2023 19:07

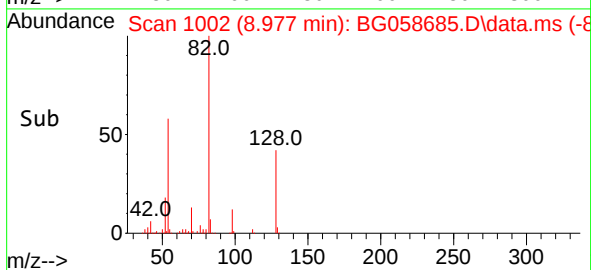
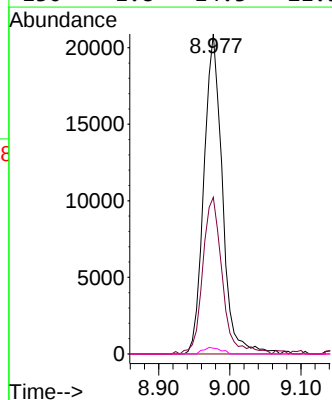
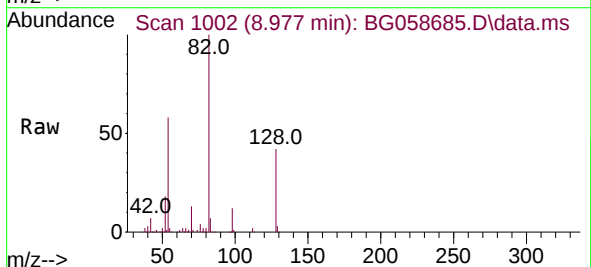
Instrument :
BNA_G
ClientSampleId :
WC-16

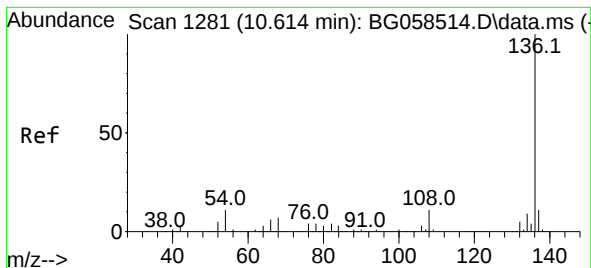
Tgt Ion: 99 Resp: 428872
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 31.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.955 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.355 min
Lab File: BG058685.D
Acq: 10 Aug 2023 19:07

Tgt Ion: 70 Resp: 37637
Ion Ratio Lower Upper
70 100
42 48.9 49.7 74.5#
101 0.0 7.0 10.4#
130 1.8 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.616 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG058685.D

Acq: 10 Aug 2023 19:07

Instrument :

BNA_G

ClientSampleId :

WC-16

Tgt Ion:136 Resp: 160093

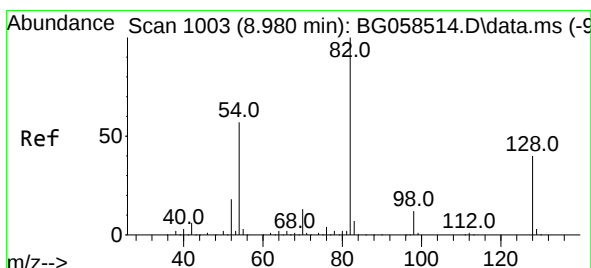
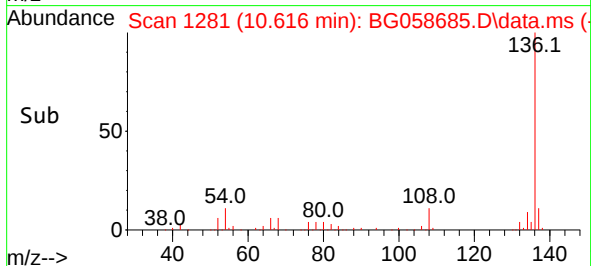
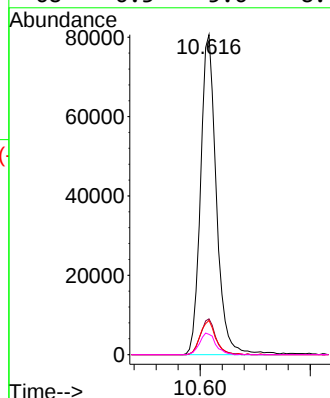
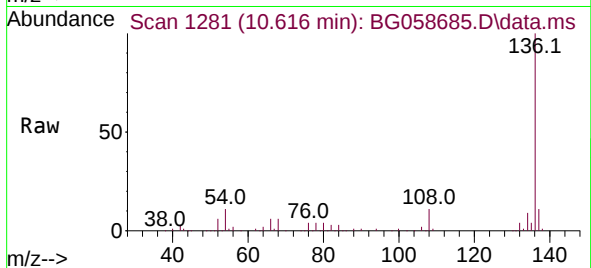
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 10.7 8.9 13.3

68 6.3 5.6 8.4



#23

Nitrobenzene-d5

Concen: 91.474 ng

RT: 8.977 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058685.D

Acq: 10 Aug 2023 19:07

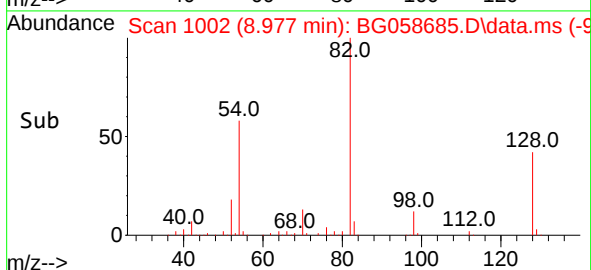
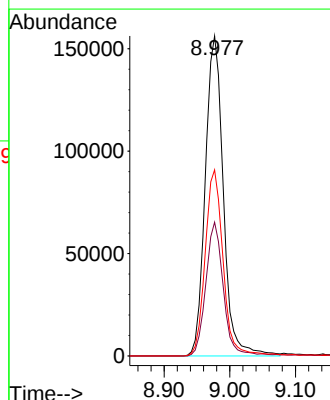
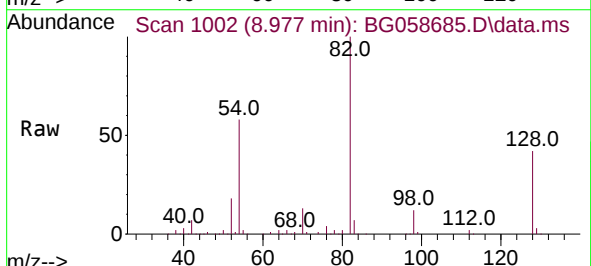
Tgt Ion: 82 Resp: 298101

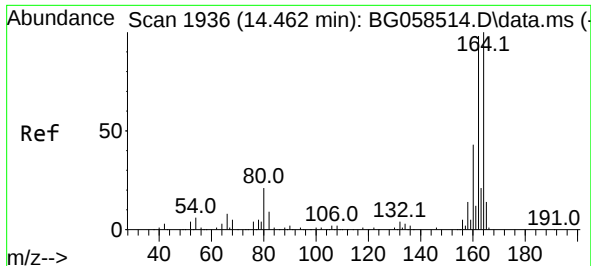
Ion Ratio Lower Upper

82 100

128 41.8 32.2 48.2

54 58.1 46.0 69.0

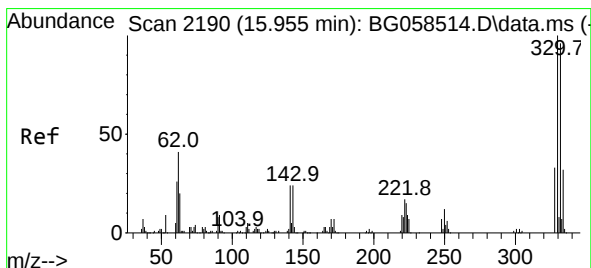
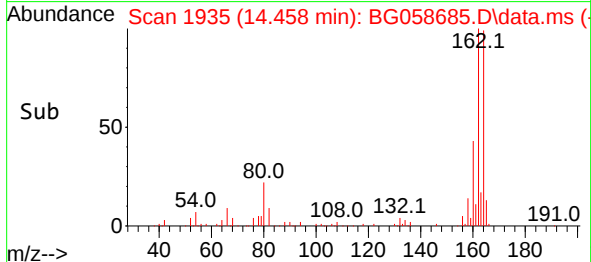
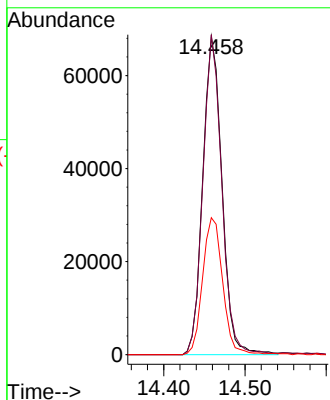
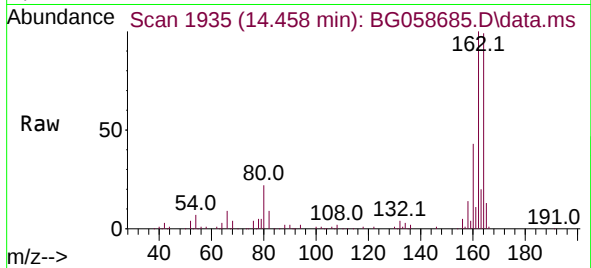




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.458 min Scan# 1935
 Delta R.T. -0.004 min
 Lab File: BG058685.D
 Acq: 10 Aug 2023 19:07

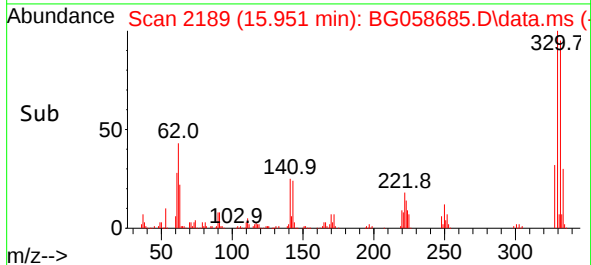
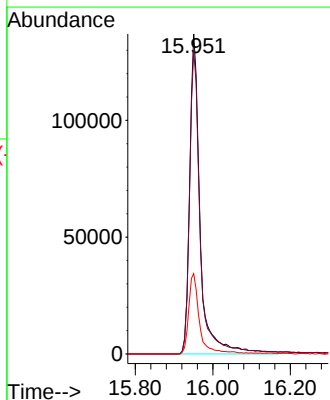
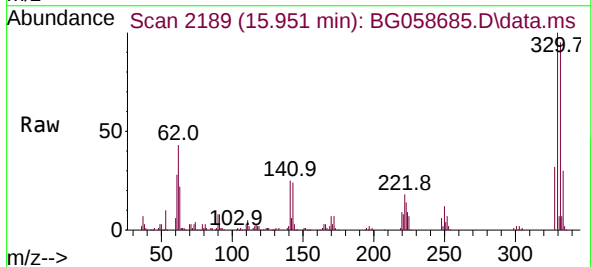
Instrument :
 BNA_G
 ClientSampleId :
 WC-16

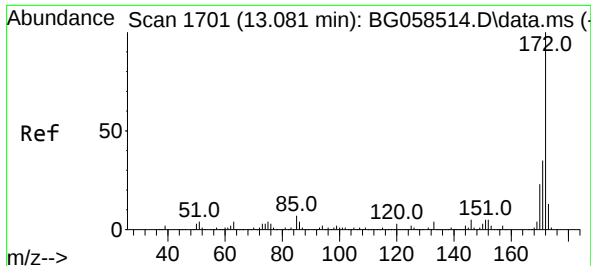
Tgt Ion:164 Resp: 112662
 Ion Ratio Lower Upper
 164 100
 162 100.6 78.3 117.5
 160 43.0 34.1 51.1



#42
 2,4,6-Tribromophenol
 Concen: 139.299 ng
 RT: 15.951 min Scan# 2189
 Delta R.T. -0.004 min
 Lab File: BG058685.D
 Acq: 10 Aug 2023 19:07

Tgt Ion:330 Resp: 257231
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.5 116.3
 141 25.7 20.7 31.1

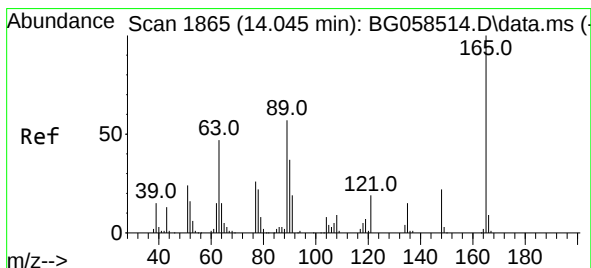
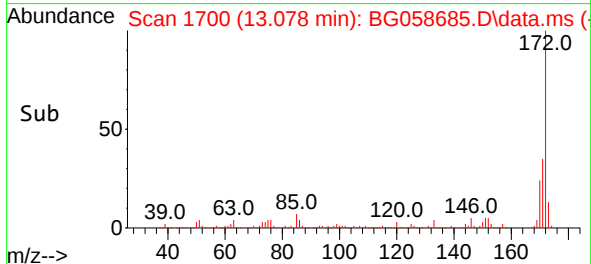
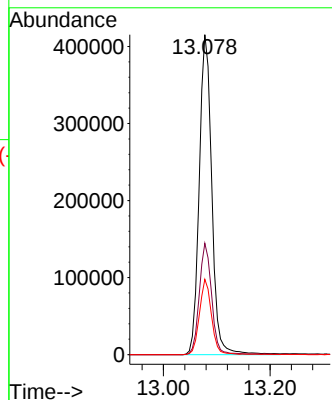
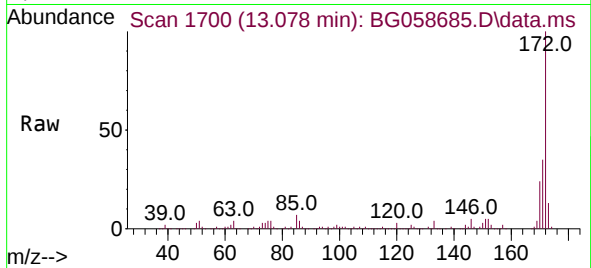




#45
2-Fluorobiphenyl
Concen: 90.084 ng
RT: 13.078 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058685.D
Acq: 10 Aug 2023 19:07

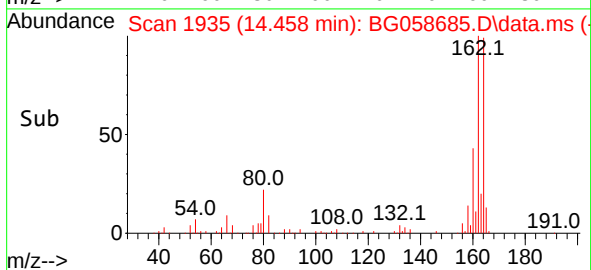
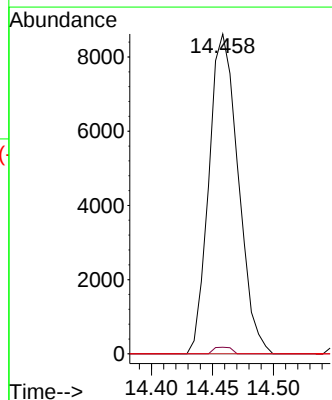
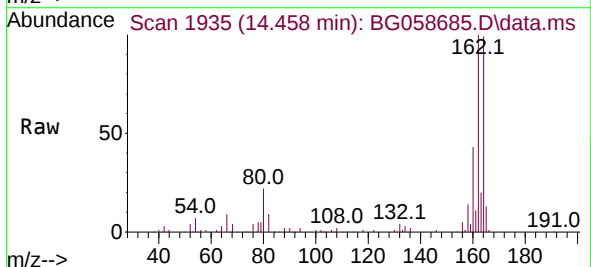
Instrument :
BNA_G
ClientSampleId :
WC-16

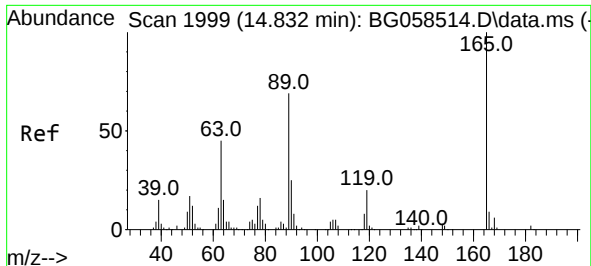
Tgt Ion:172 Resp: 677241
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.5 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.761 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058685.D
Acq: 10 Aug 2023 19:07

Tgt Ion:165 Resp: 14409
Ion Ratio Lower Upper
165 100
63 2.1 46.4 69.6#
89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.598 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

Lab File: BG058685.D

Acq: 10 Aug 2023 19:07

Instrument :

BNA_G

ClientSampleId :

WC-16

Tgt Ion:165 Resp: 14409

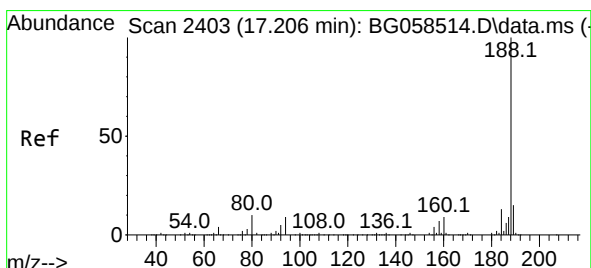
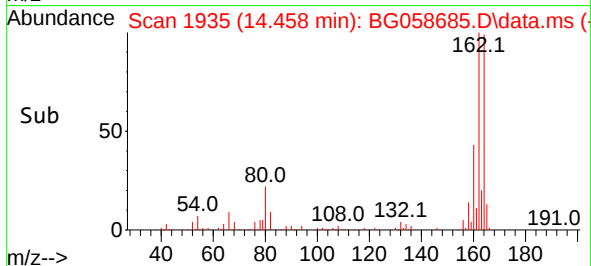
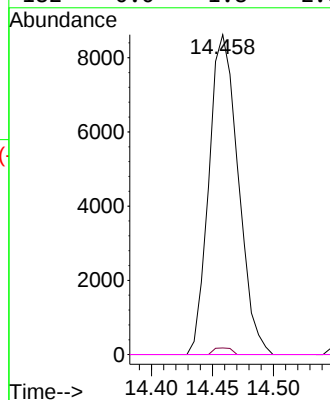
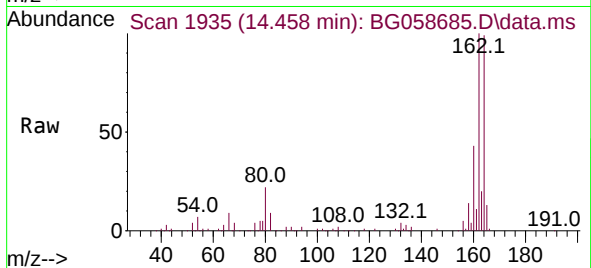
Ion Ratio Lower Upper

165 100

63 2.1 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.208 min Scan# 2403

Delta R.T. 0.002 min

Lab File: BG058685.D

Acq: 10 Aug 2023 19:07

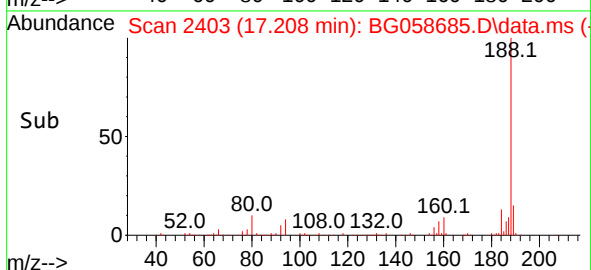
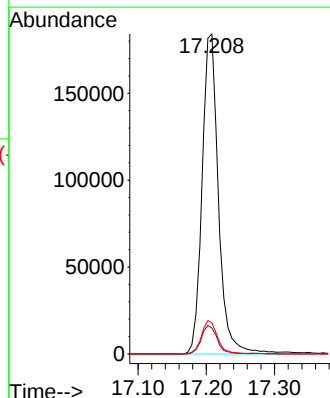
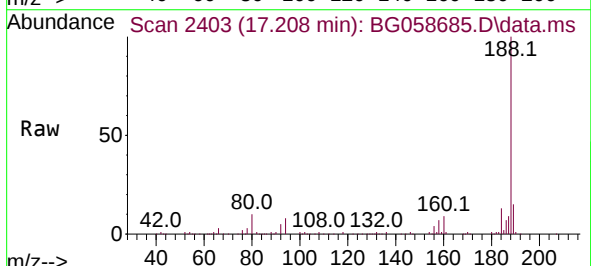
Tgt Ion:188 Resp: 306412

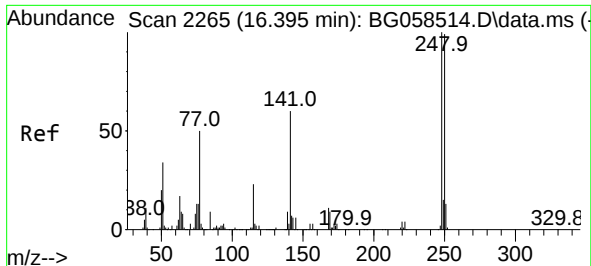
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.7 8.1 12.1

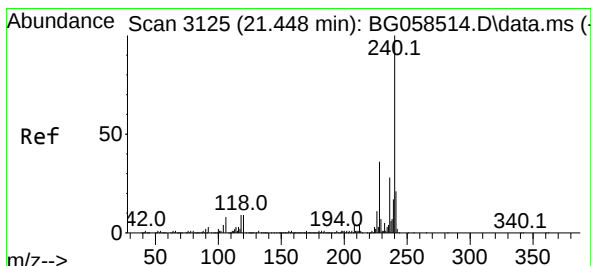
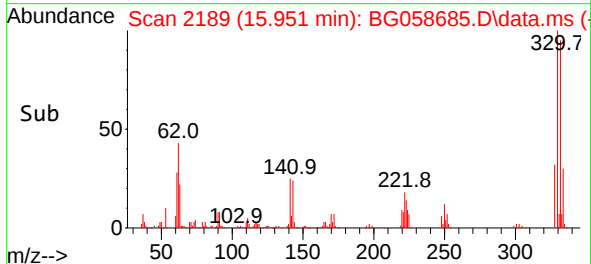
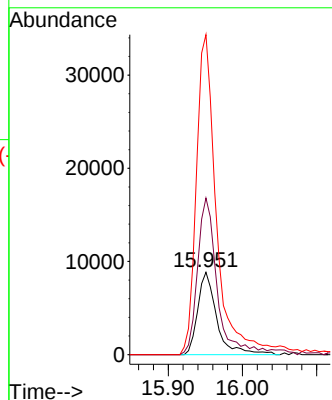
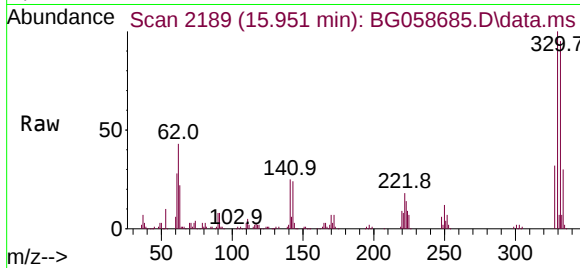




#67
4-Bromophenyl-phenylether
Concen: 4.553 ng
RT: 15.951 min Scan# 2119
Delta R.T. -0.444 min
Lab File: BG058685.D
Acq: 10 Aug 2023 19:07

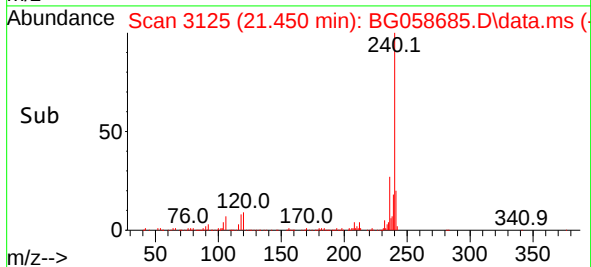
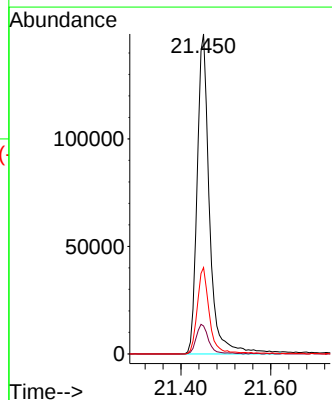
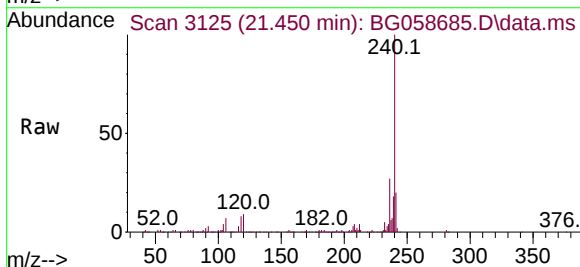
Instrument :
BNA_G
ClientSampleId :
WC-16

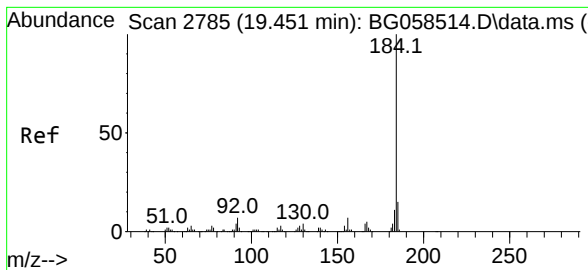
Tgt Ion:248 Resp: 15824
Ion Ratio Lower Upper
248 100
250 190.0 79.5 119.3#
141 388.6 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058685.D
Acq: 10 Aug 2023 19:07

Tgt Ion:240 Resp: 283802
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 27.0 22.2 33.4





#77

Benzidine

Concen: 4.203 ng

RT: 19.823 min Scan# 2848

Delta R.T. 0.372 min

Lab File: BG058685.D

Acq: 10 Aug 2023 19:07

Instrument :

BNA_G

ClientSampleId :

WC-16

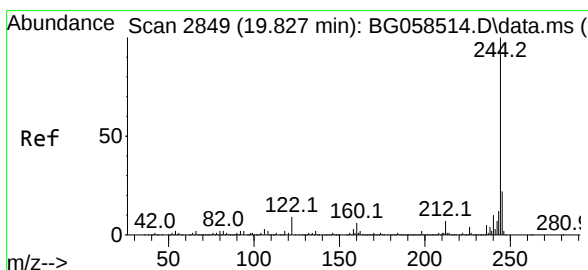
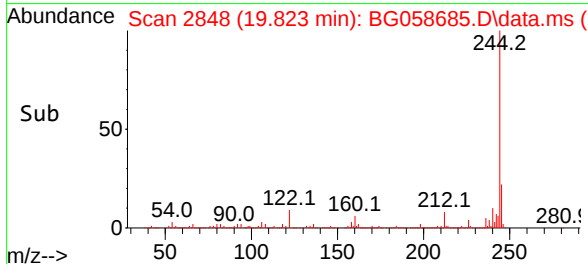
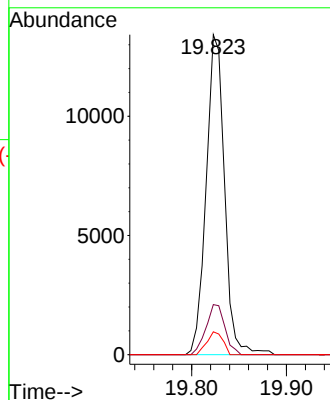
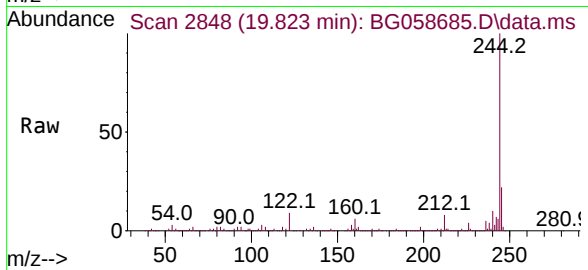
Tgt Ion:184 Resp: 18090

Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

183 7.1 8.7 13.1#



#79

Terphenyl-d14

Concen: 95.971 ng

RT: 19.823 min Scan# 2848

Delta R.T. -0.004 min

Lab File: BG058685.D

Acq: 10 Aug 2023 19:07

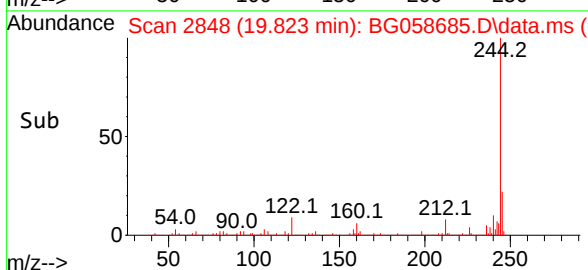
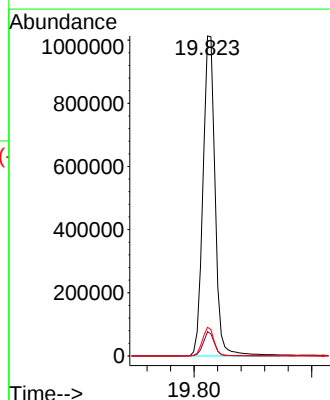
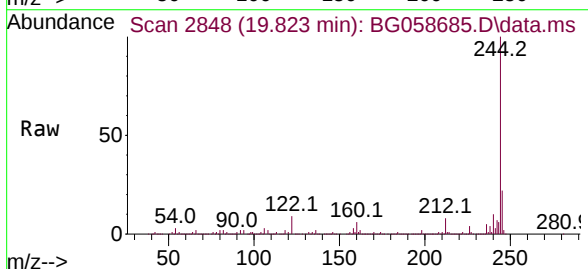
Tgt Ion:244 Resp: 1448362

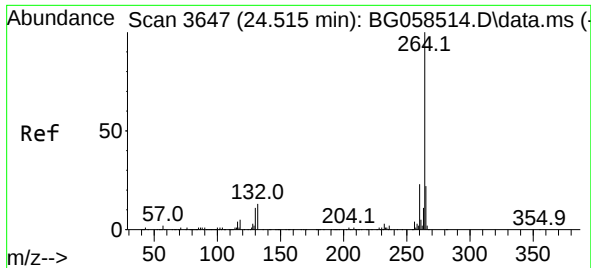
Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 8.9 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.517 min Scan# 30
 Delta R.T. 0.002 min
 Lab File: BG058685.D
 Acq: 10 Aug 2023 19:07

Instrument :
 BNA_G
 ClientSampleId :
 WC-16

Tgt Ion:264 Resp: 303378
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 22.6 17.9 26.9

