

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058590.D
 Acq On : 3 Aug 2023 12:56
 Operator : MA/JU
 Sample : 03860-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 03 13:51:11 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)

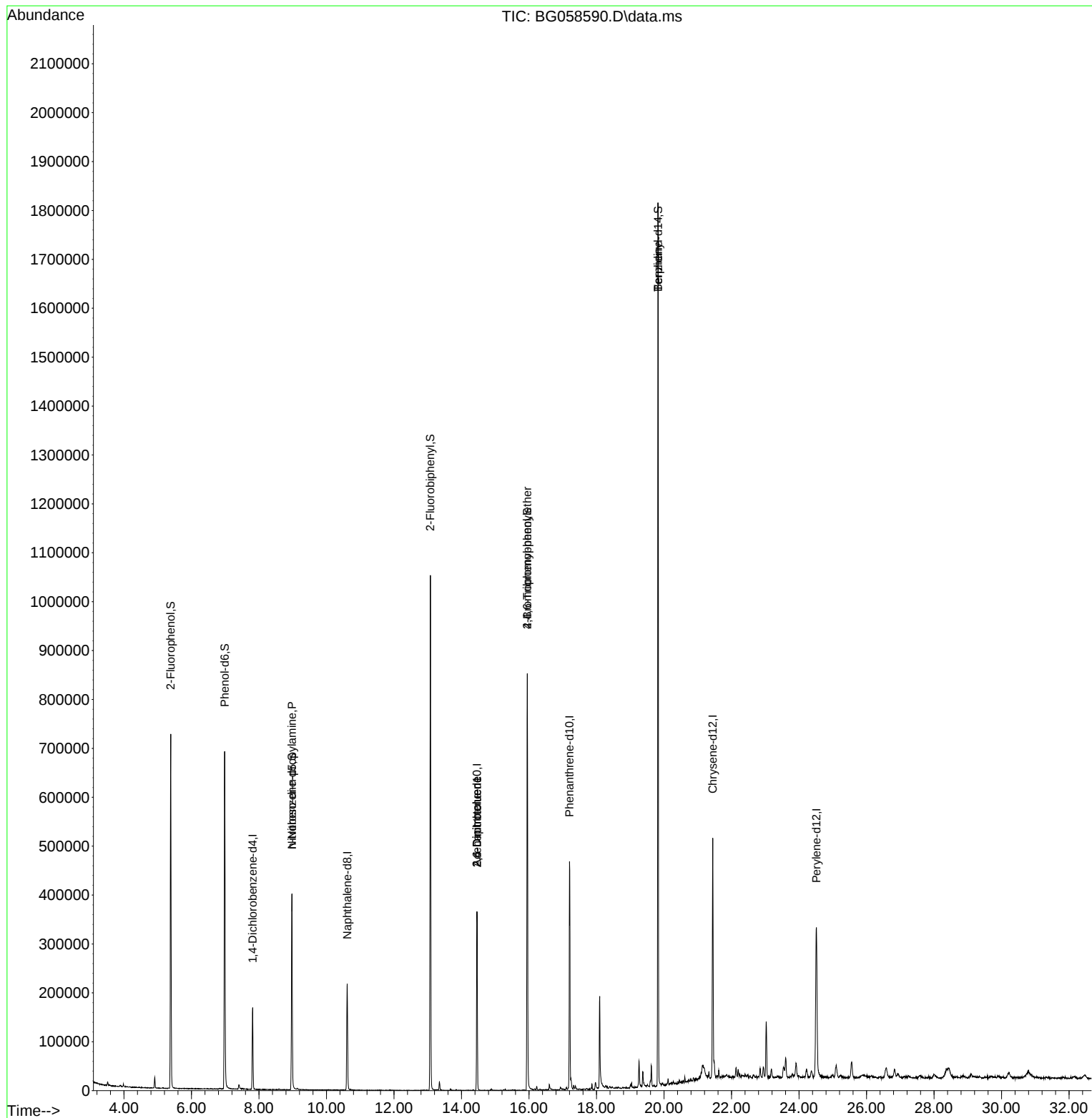
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	46990	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	195793	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	135804	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	311519	20.000	ng	0.00
76) Chrysene-d12	21.443	240	275753	20.000	ng	0.00
86) Perylene-d12	24.516	264	345456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	305057	99.227	ng	0.00
7) Phenol-d6	6.984	99	416390	97.335	ng	0.00
23) Nitrobenzene-d5	8.976	82	249860	62.691	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	196521	88.287	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	576099	63.572	ng	0.00
79) Terphenyl-d14	19.822	244	962783	65.658	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.976	70	30697	11.109	ng	Qvalue
51) 2,6-Dinitrotoluene	14.458	165	17228	7.698	ng	# 77
57) 2,4-Dinitrotoluene	14.458	165	17228	5.553	ng	# 23
67) 4-Bromophenyl-phenylether	15.950	248	11733	3.321	ng	# 23
77) Benzidine	19.822	184	11770	2.815	ng	# 1

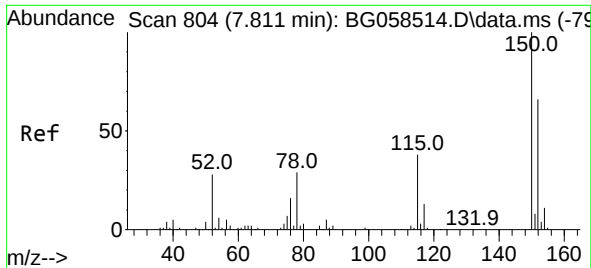
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058590.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 03 13:51:11 2023
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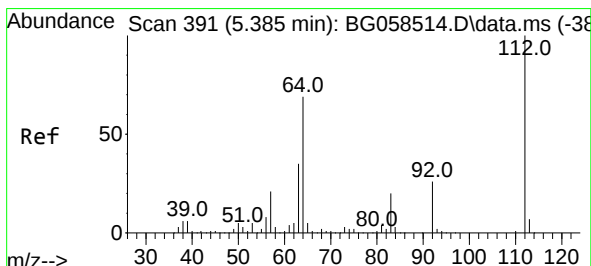
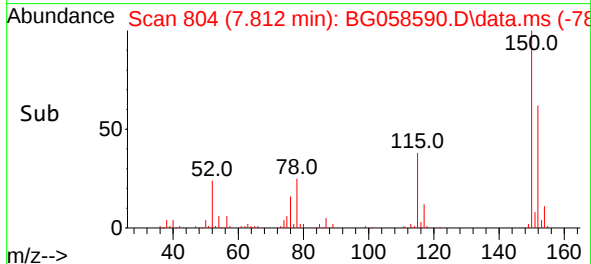
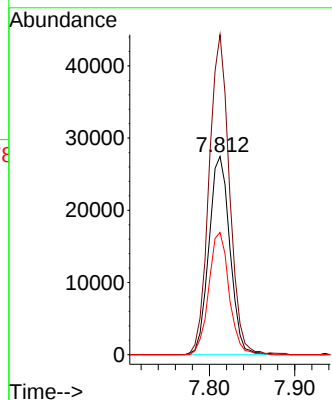
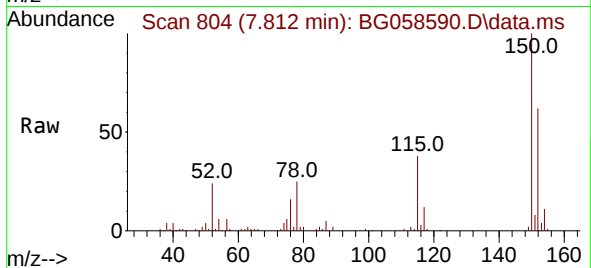




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

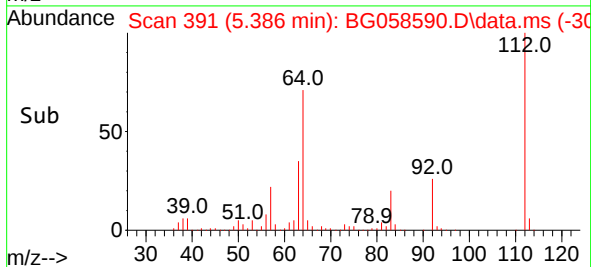
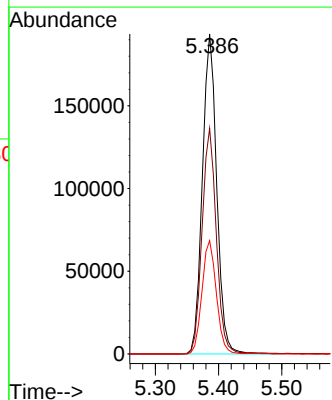
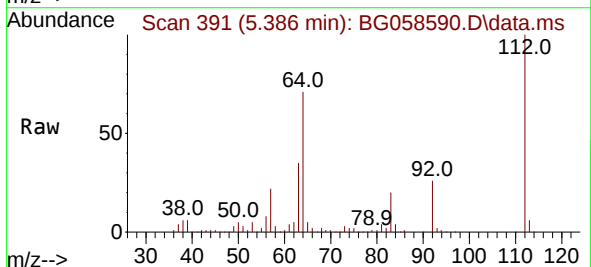
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46990
Ion Ratio Lower Upper
152 100
150 161.5 120.5 180.7
115 61.7 45.9 68.9



#5
2-Fluorophenol
Concen: 99.227 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

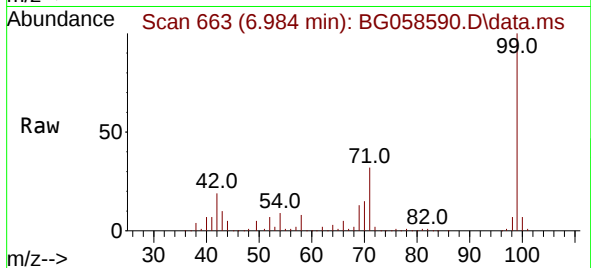
Tgt Ion:112 Resp: 305057
Ion Ratio Lower Upper
112 100
64 70.5 55.3 82.9
63 35.4 28.3 42.5



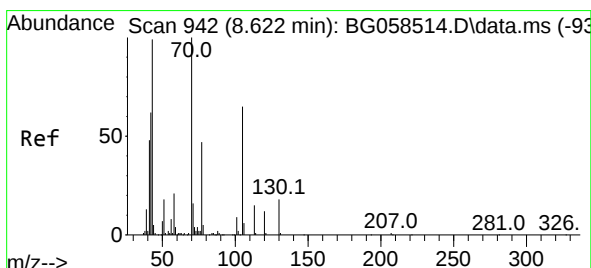
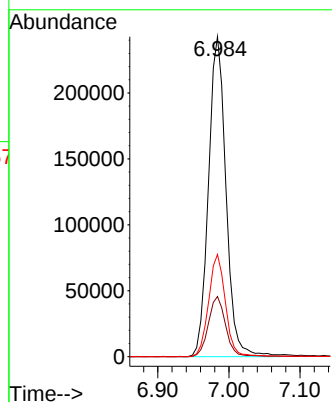
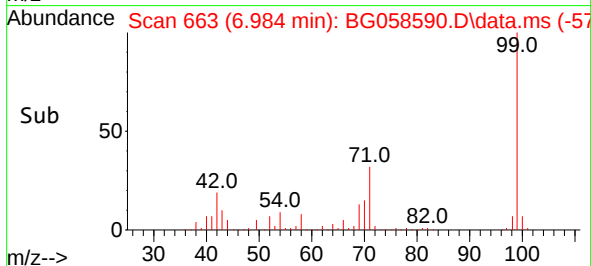


#7
Phenol-d6
Concen: 97.335 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

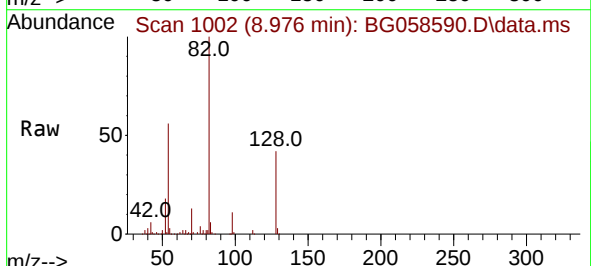
Instrument :
BNA_G
ClientSampleId :



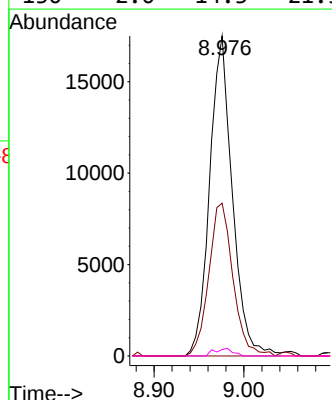
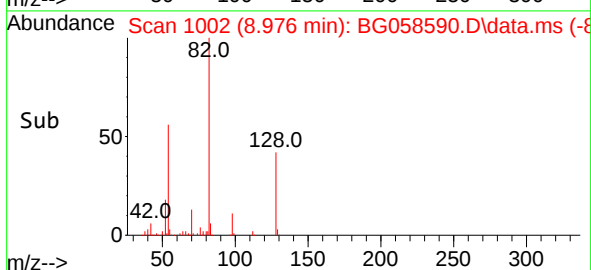
Tgt Ion: 99 Resp: 416390
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 32.0 25.0 37.4

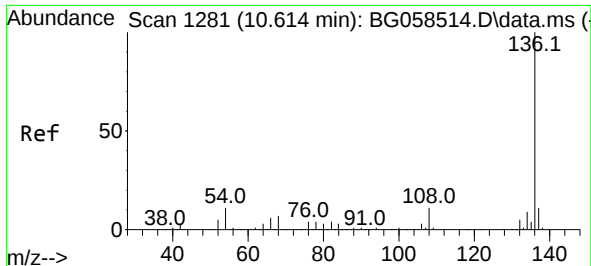


#19
n-Nitroso-di-n-propylamine
Concen: 11.109 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56



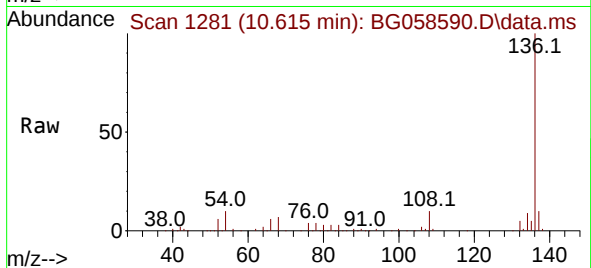
Tgt Ion: 70 Resp: 30697
Ion Ratio Lower Upper
70 100
42 47.8 49.7 74.5#
101 0.0 7.0 10.4#
130 2.0 14.3 21.5#



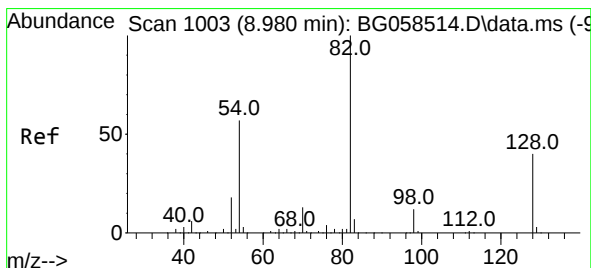
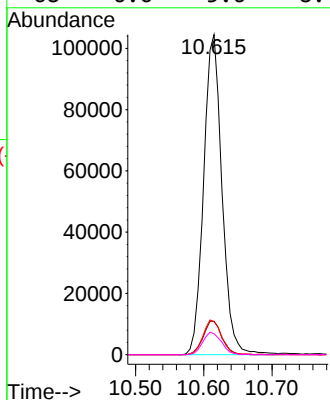
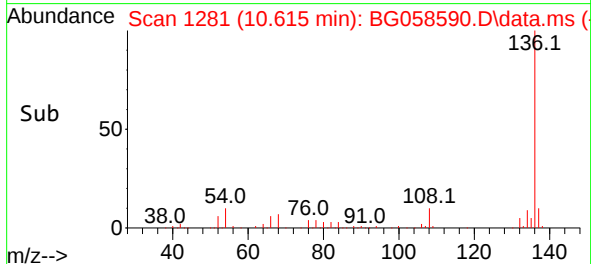


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

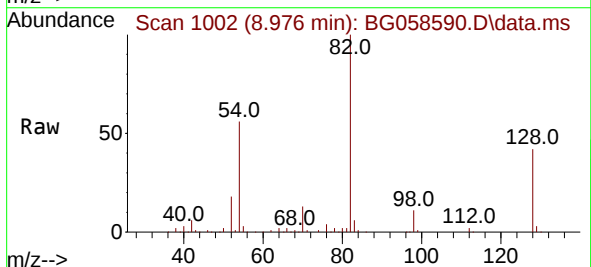
Instrument :
BNA_G
ClientSampleId :



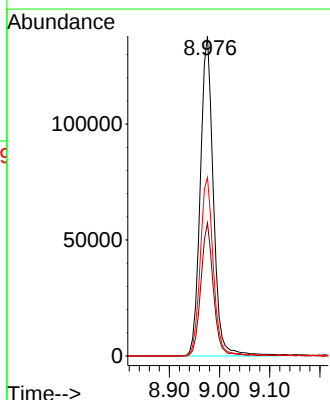
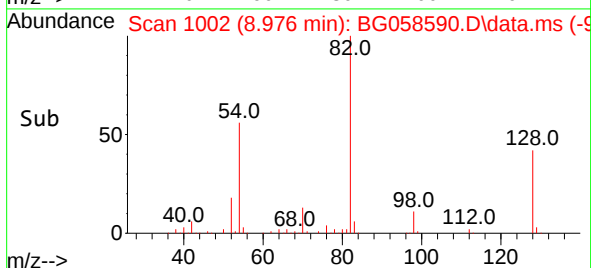
Tgt Ion:136 Resp: 195793
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.3 8.9 13.3
68 6.6 5.6 8.4

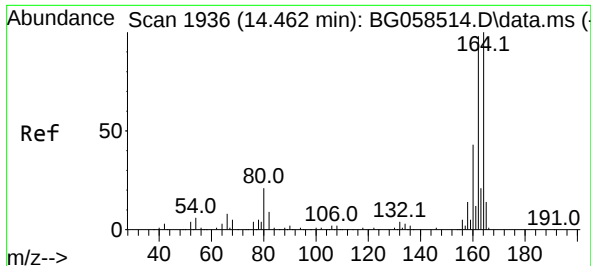


#23
Nitrobenzene-d5
Concen: 62.691 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56



Tgt Ion: 82 Resp: 249860
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 55.8 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG058590.D

Acq: 3 Aug 2023 12:56

Instrument :

BNA_G

ClientSampleId :

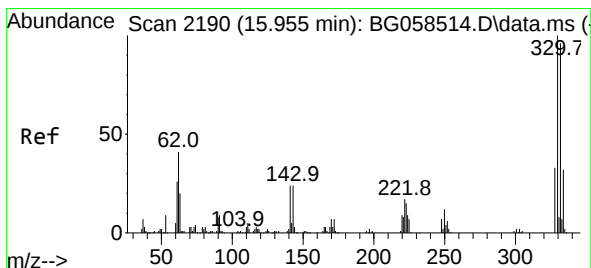
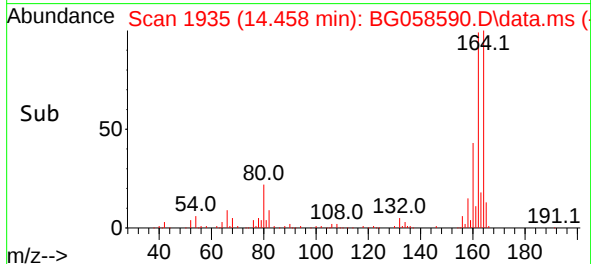
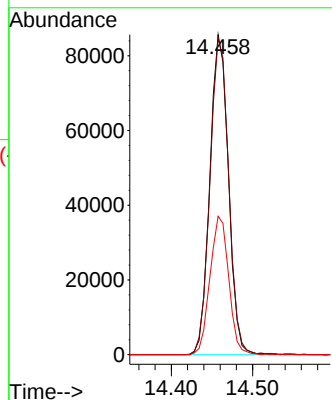
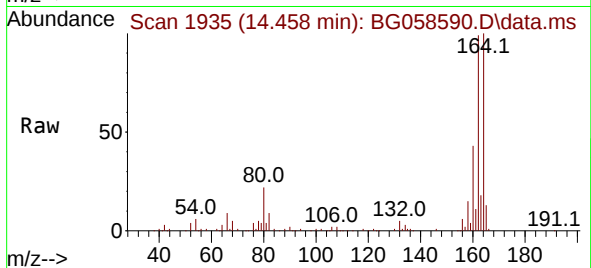
Tgt Ion:164 Resp: 135804

Ion Ratio Lower Upper

164 100

162 98.9 78.3 117.5

160 43.2 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 88.287 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BG058590.D

Acq: 3 Aug 2023 12:56

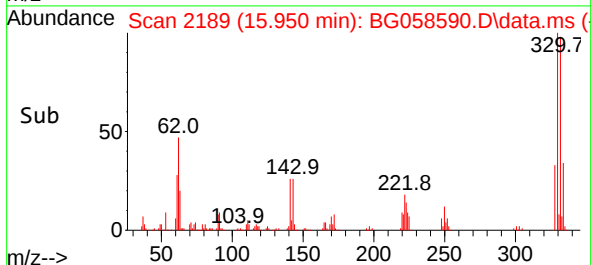
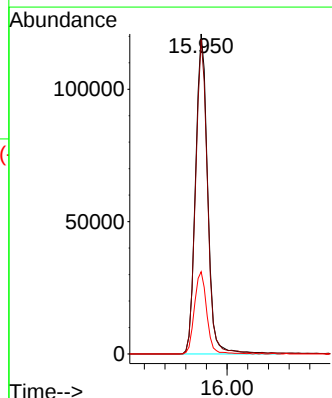
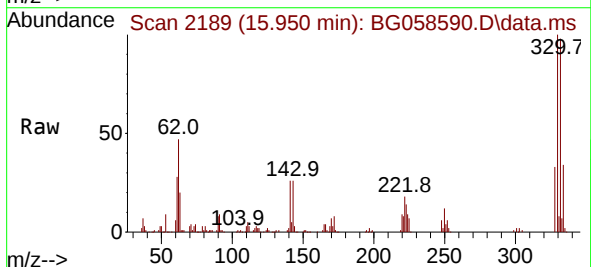
Tgt Ion:330 Resp: 196521

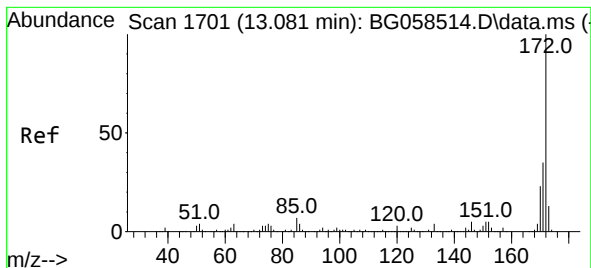
Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

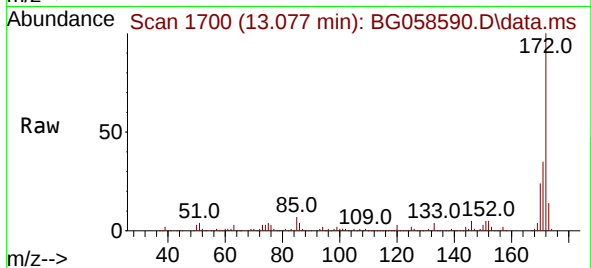
141 26.1 20.7 31.1



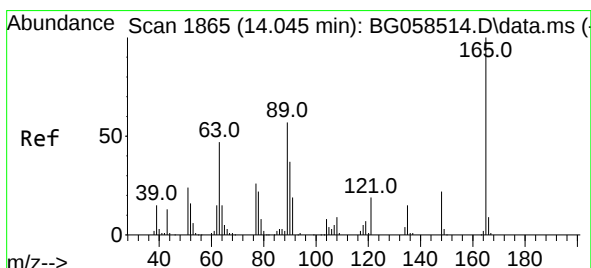
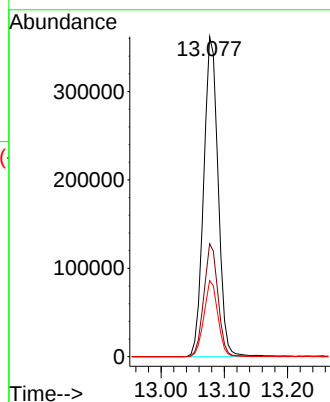
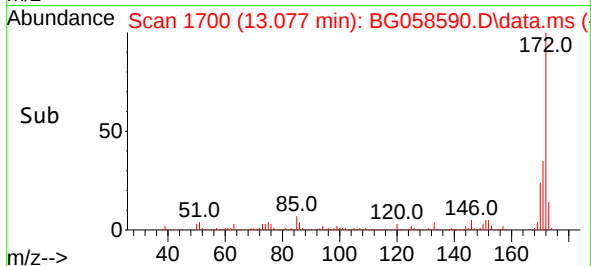


#45
2-Fluorobiphenyl
Concen: 63.572 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

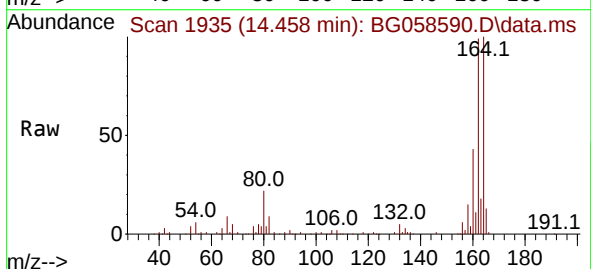
Instrument :
BNA_G
ClientSampleId :



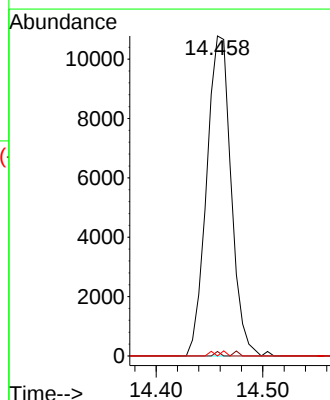
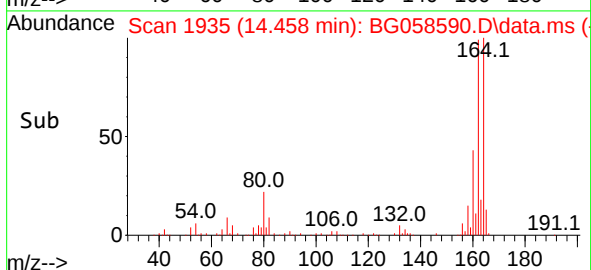
Tgt Ion:172 Resp: 576099
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.8 18.4 27.6

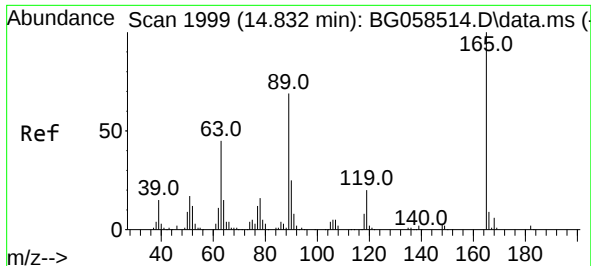


#51
2,6-Dinitrotoluene
Concen: 7.698 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56



Tgt Ion:165 Resp: 17228
Ion Ratio Lower Upper
165 100
63 1.4 46.4 69.6#
89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.553 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

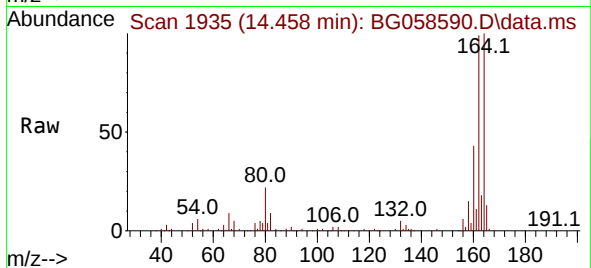
Lab File: BG058590.D

Acq: 3 Aug 2023 12:56

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 17228

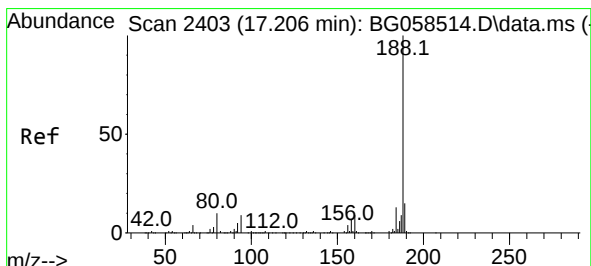
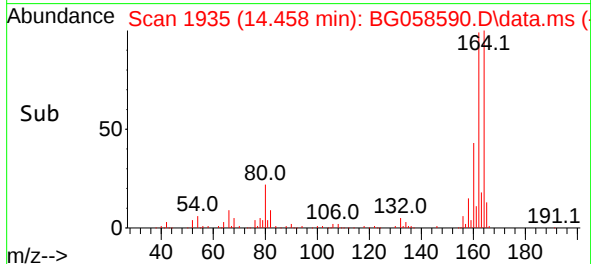
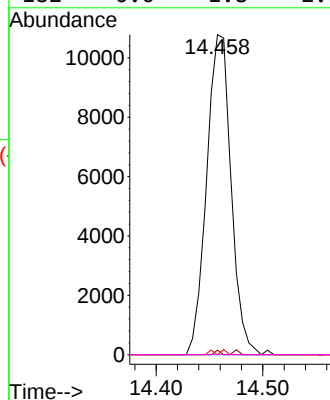
Ion Ratio Lower Upper

165 100

63 1.4 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: 17.201 min Scan# 2402

Delta R.T. -0.005 min

Lab File: BG058590.D

Acq: 3 Aug 2023 12:56

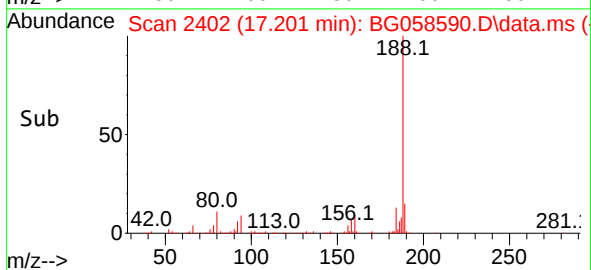
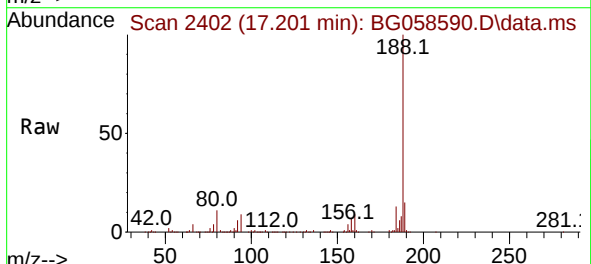
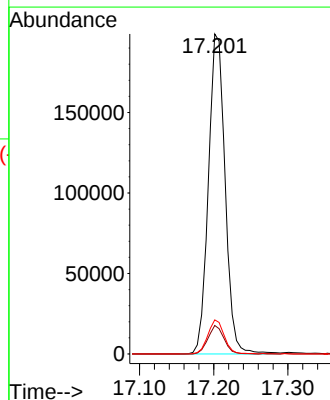
Tgt Ion:188 Resp: 311519

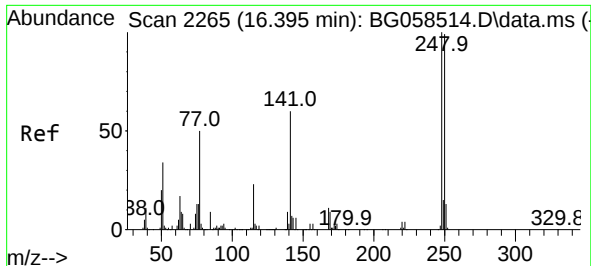
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 10.6 8.1 12.1

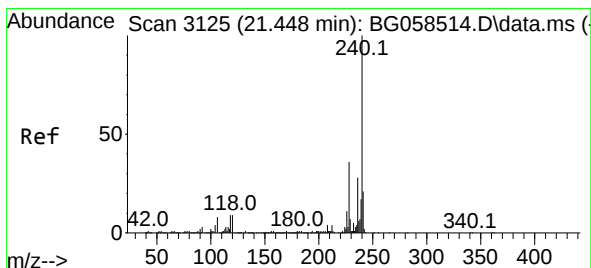
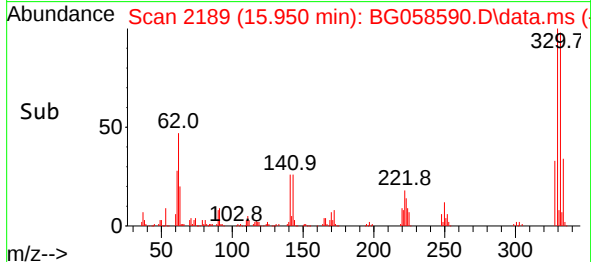
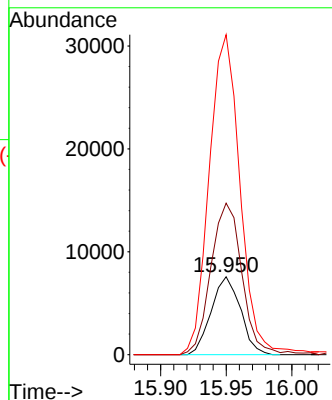
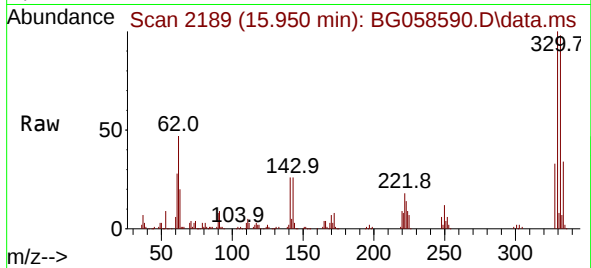




#67
4-Bromophenyl-phenylether
Concen: 3.321 ng
RT: 15.950 min Scan# 211
Delta R.T. -0.445 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

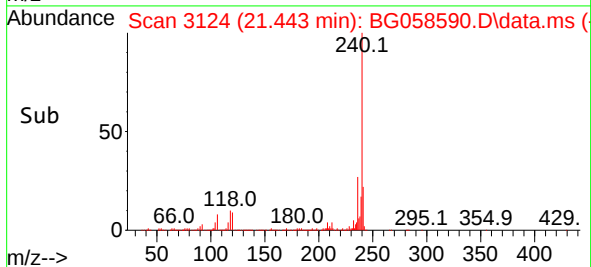
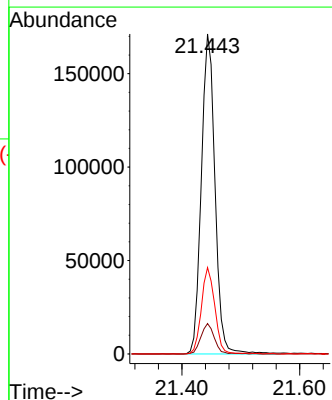
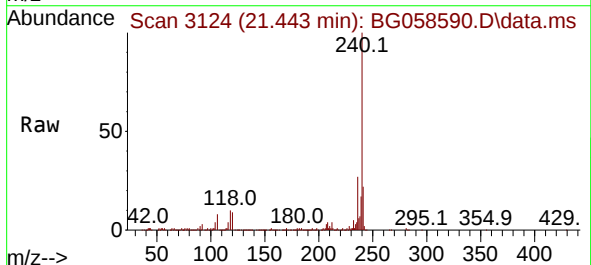
Instrument :
BNA_G
ClientSampleId :

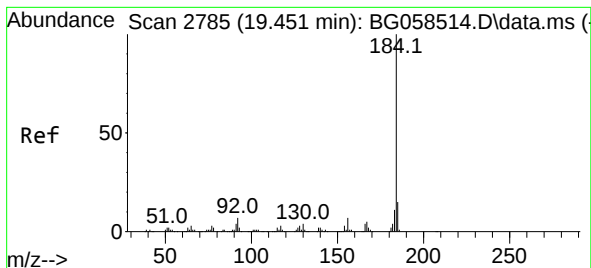
Tgt Ion:248 Resp: 11733
Ion Ratio Lower Upper
248 100
250 194.6 79.5 119.3#
141 410.8 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

Tgt Ion:240 Resp: 275753
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 27.0 22.2 33.4





#77

Benzidine

Concen: 2.815 ng

RT: 19.822 min Scan# 21

Delta R.T. 0.371 min

Lab File: BG058590.D

Acq: 3 Aug 2023 12:56

Instrument :

BNA_G

ClientSampleId :

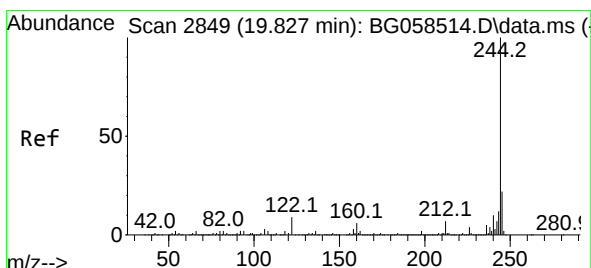
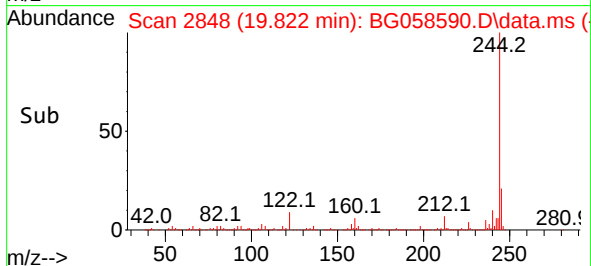
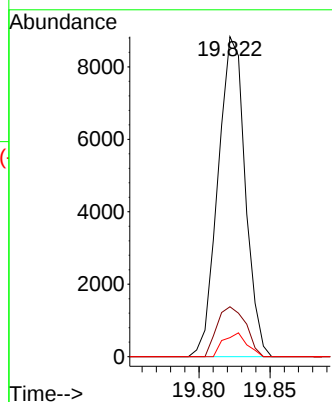
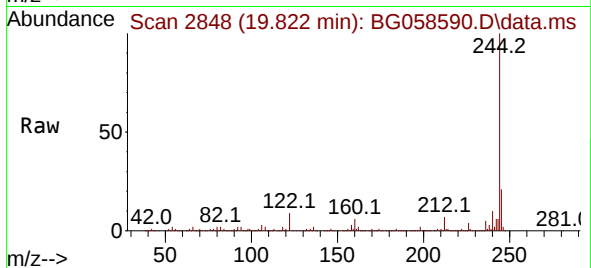
Tgt Ion:184 Resp: 11770

Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

183 6.0 8.7 13.1#



#79

Terphenyl-d14

Concen: 65.658 ng

RT: 19.822 min Scan# 2848

Delta R.T. -0.005 min

Lab File: BG058590.D

Acq: 3 Aug 2023 12:56

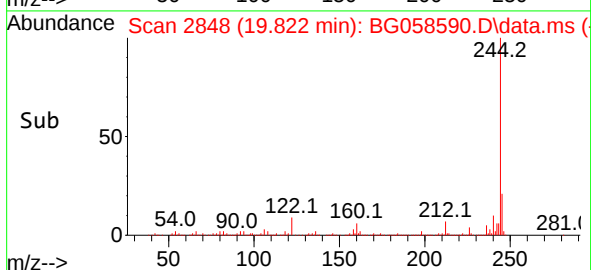
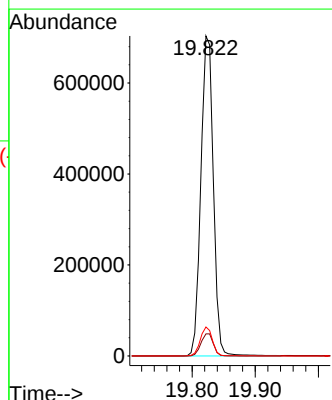
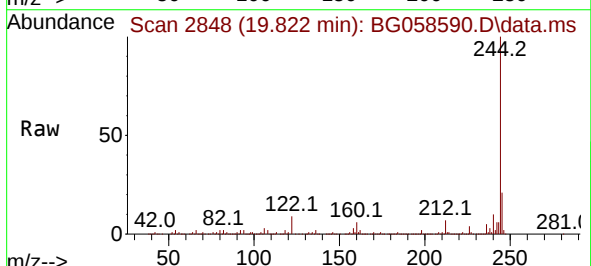
Tgt Ion:244 Resp: 962783

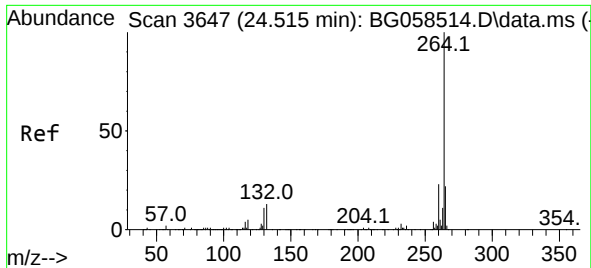
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

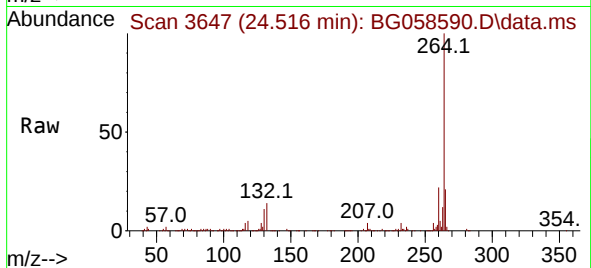
122 9.1 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG058590.D
 Acq: 3 Aug 2023 12:56

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	20.6	17.9	26.9

