

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058632.D
 Acq On : 7 Aug 2023 18:22
 Operator : MA/JU
 Sample : 03903-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Quant Time: Aug 08 01:31:26 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)

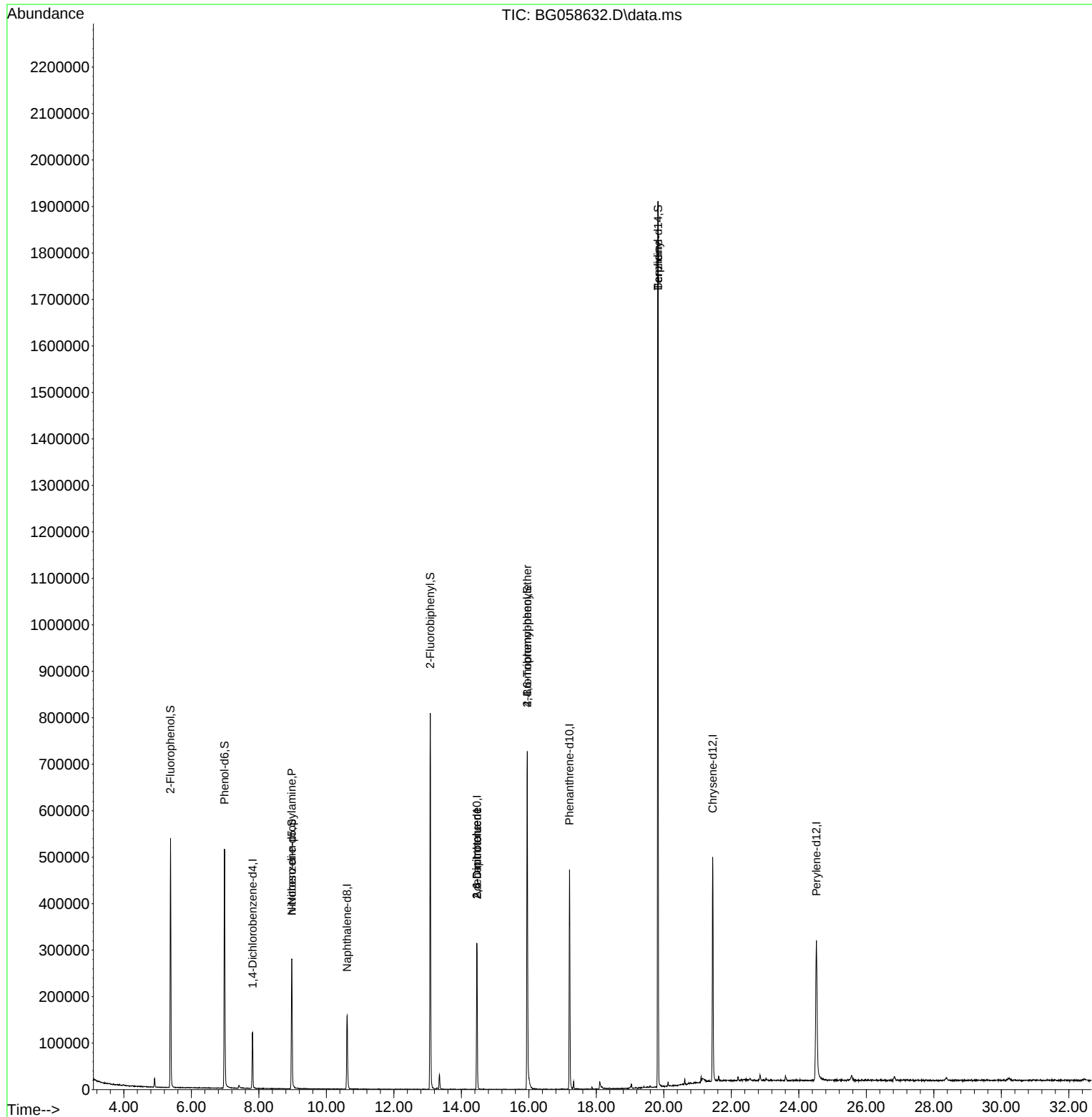
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	34142	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	154734	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	121339	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	330769	20.000	ng	0.00
76) Chrysene-d12	21.446	240	304733	20.000	ng	0.00
86) Perylene-d12	24.519	264	373496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	230441	103.163	ng	0.00
7) Phenol-d6	6.981	99	327426	105.341	ng	0.00
23) Nitrobenzene-d5	8.972	82	184339	58.524	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	185654	93.348	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	464275	57.340	ng	0.00
79) Terphenyl-d14	19.824	244	981702	60.581	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.972	70	22656	11.285	ng	# 80
51) 2,6-Dinitrotoluene	14.460	165	15925	7.964	ng	# 22
57) 2,4-Dinitrotoluene	14.460	165	15925	5.745	ng	# 23
67) 4-Bromophenyl-phenylether	15.952	248	11162	2.975	ng	# 1
77) Benzidine	19.824	184	12044	2.606	ng	# 94

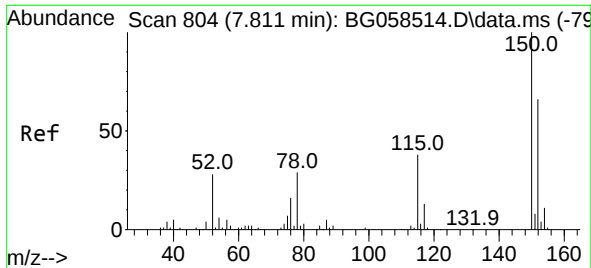
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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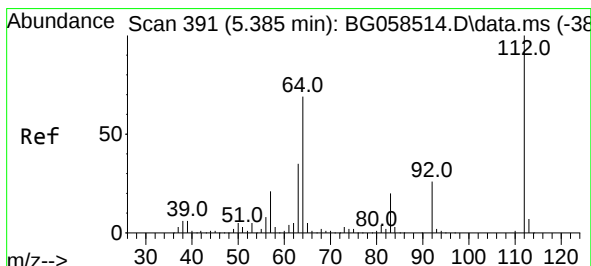
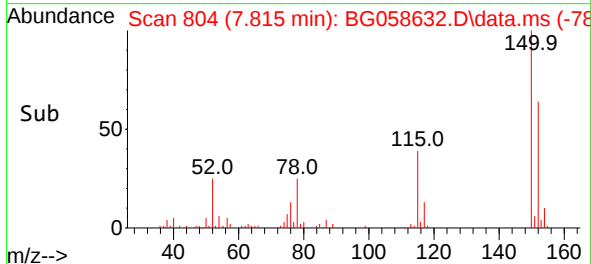
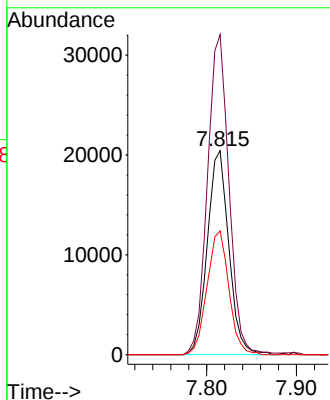
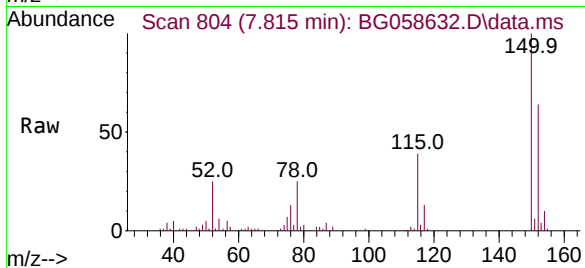




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

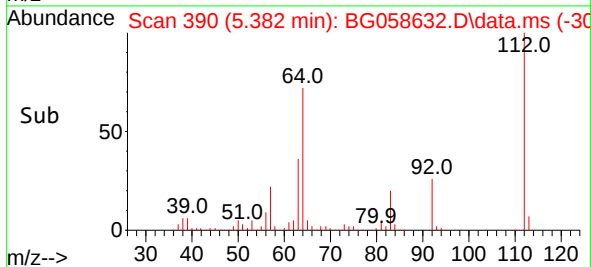
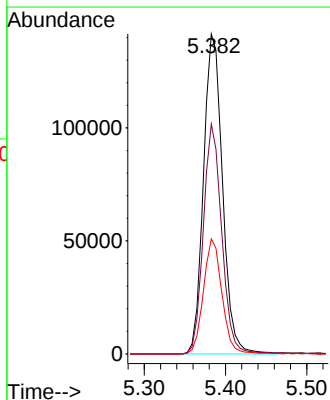
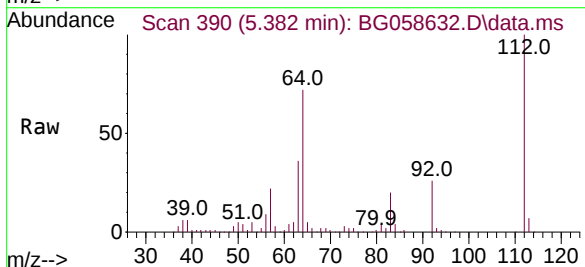
Instrument :
BNA_G
ClientSampleId :
MW-07

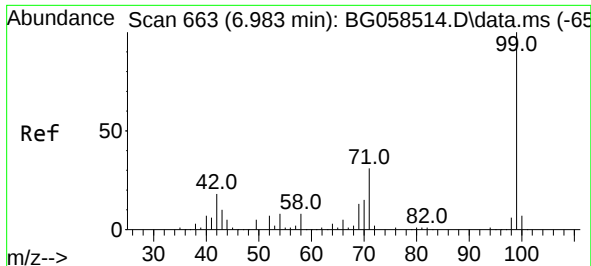
Tgt Ion:152 Resp: 34142
Ion Ratio Lower Upper
152 100
150 156.9 120.5 180.7
115 60.7 45.9 68.9



#5
2-Fluorophenol
Concen: 103.163 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

Tgt Ion:112 Resp: 230441
Ion Ratio Lower Upper
112 100
64 71.8 55.3 82.9
63 35.9 28.3 42.5

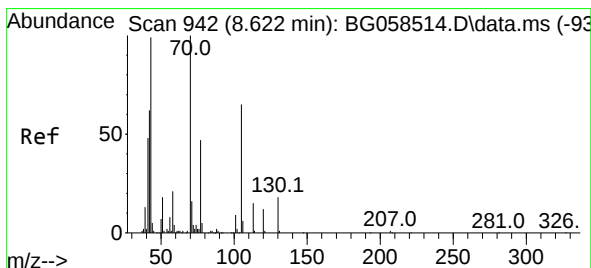
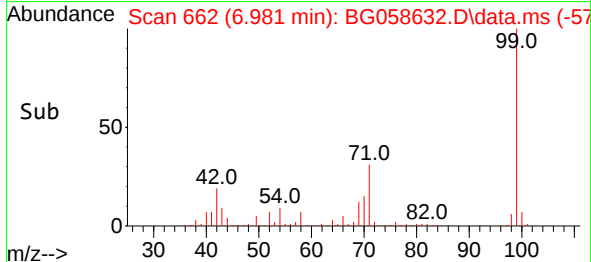
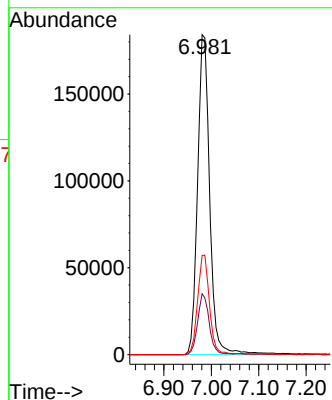
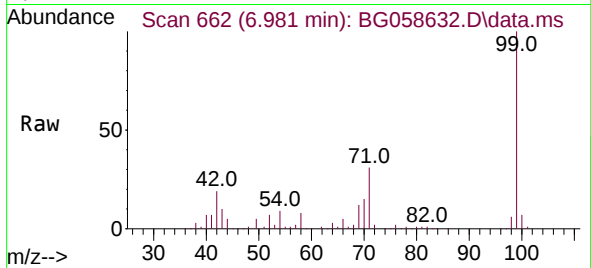




#7
Phenol-d6
Concen: 105.341 ng
RT: 6.981 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

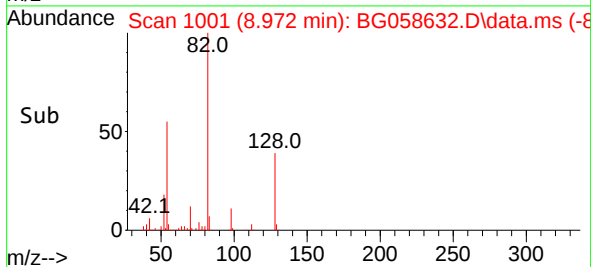
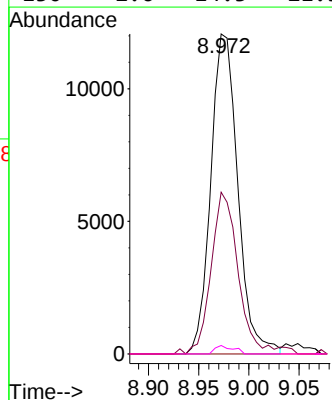
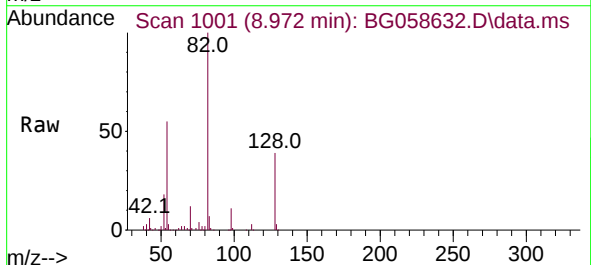
Instrument :
BNA_G
ClientSampleId :
MW-07

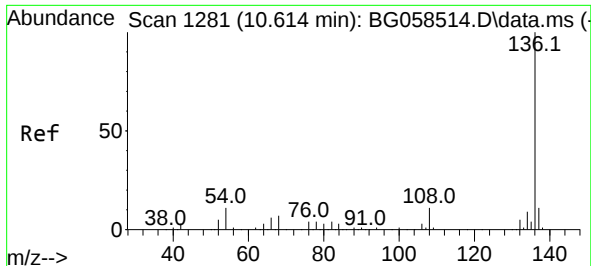
Tgt Ion: 99 Resp: 327426
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 31.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.285 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.350 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

Tgt Ion: 70 Resp: 22656
Ion Ratio Lower Upper
70 100
42 50.5 49.7 74.5
101 0.0 7.0 10.4#
130 2.6 14.3 21.5#

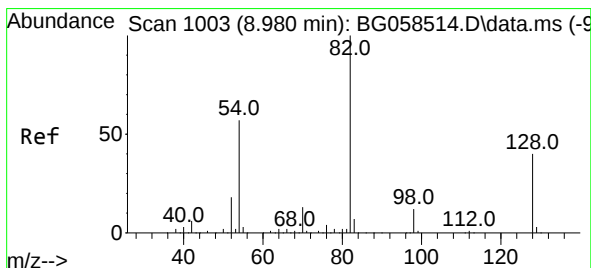
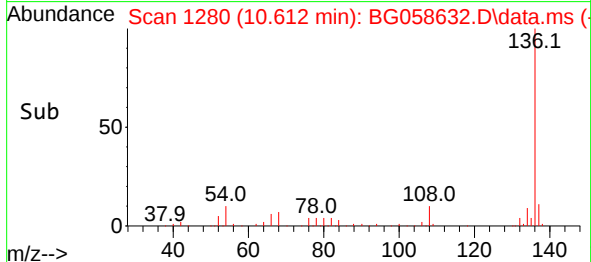
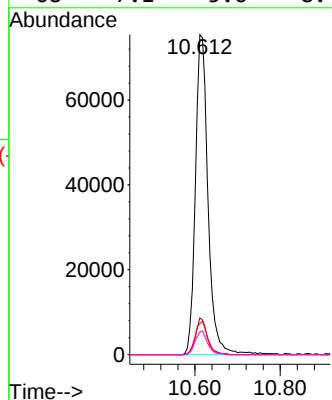
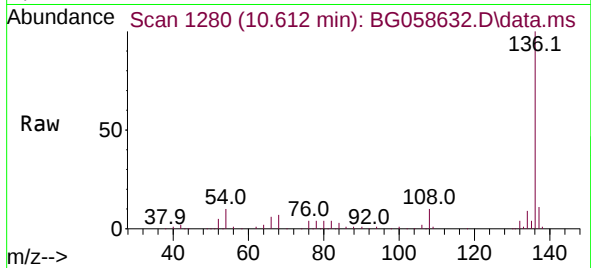




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

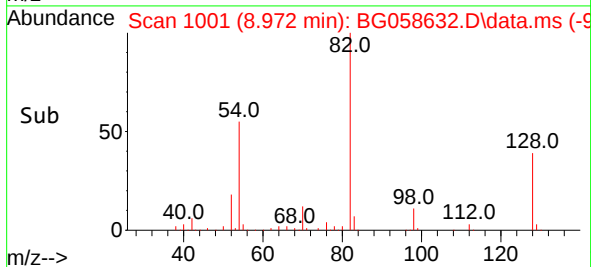
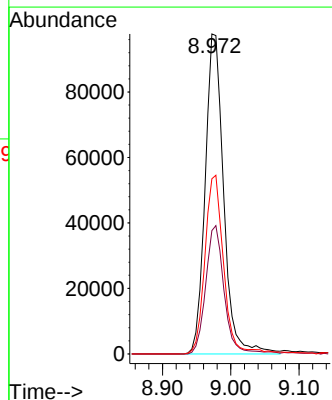
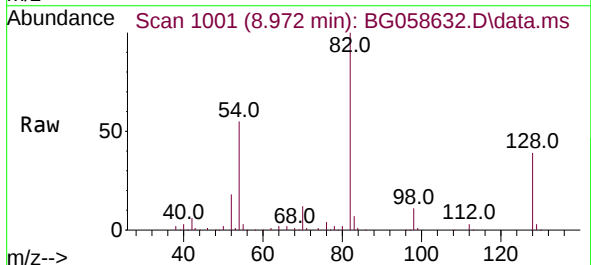
Instrument :
BNA_G
ClientSampleId :
MW-07

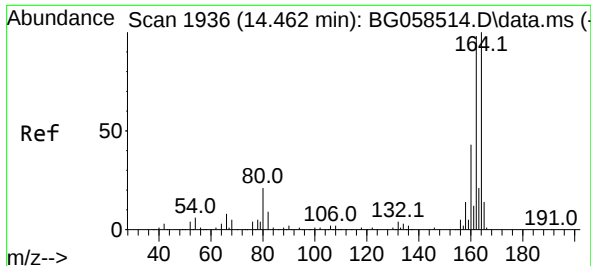
Tgt Ion:136	Resp: 154734
Ion Ratio	Lower Upper
136 100	
137 11.5	8.6 13.0
54 9.7	8.9 13.3
68 7.1	5.6 8.4



#23
Nitrobenzene-d5
Concen: 58.524 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

Tgt Ion: 82	Resp: 184339
Ion Ratio	Lower Upper
82 100	
128 38.5	32.2 48.2
54 54.7	46.0 69.0

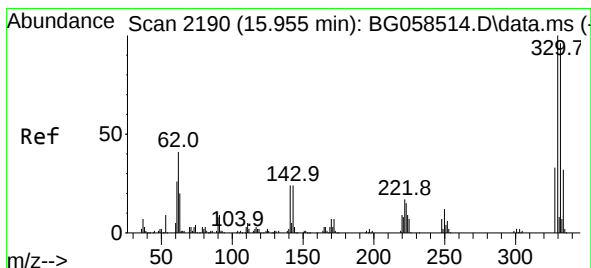
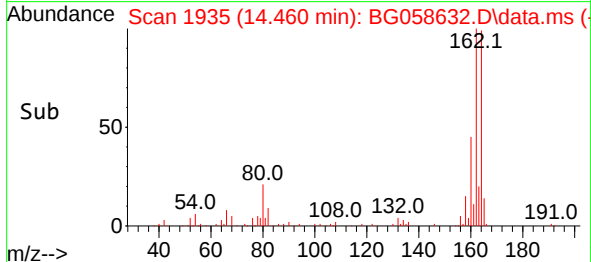
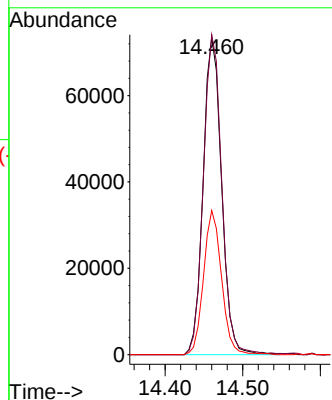
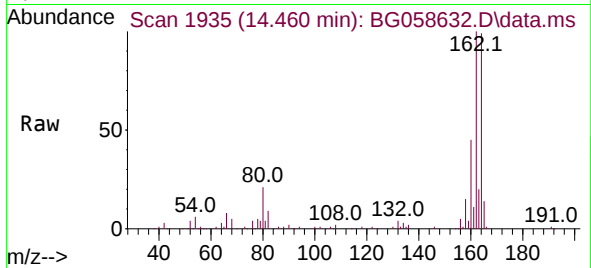




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

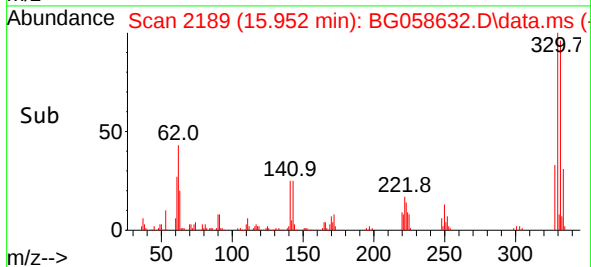
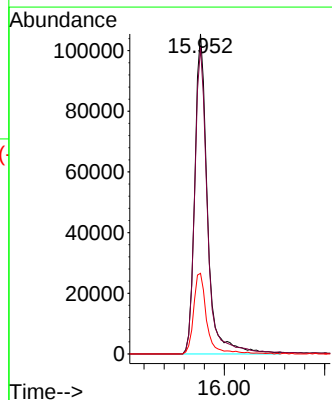
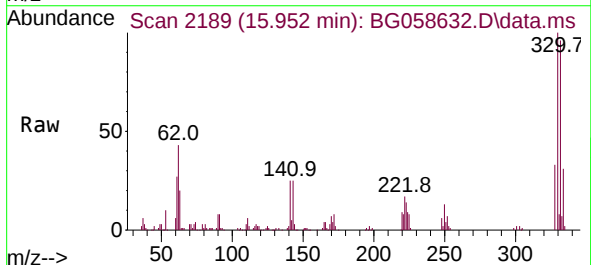
Instrument :
BNA_G
ClientSampleId :
MW-07

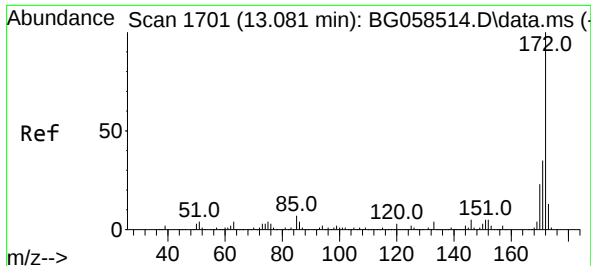
Tgt Ion:164 Resp: 121339
Ion Ratio Lower Upper
164 100
162 100.9 78.3 117.5
160 45.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 93.348 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

Tgt Ion:330 Resp: 185654
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 26.1 20.7 31.1

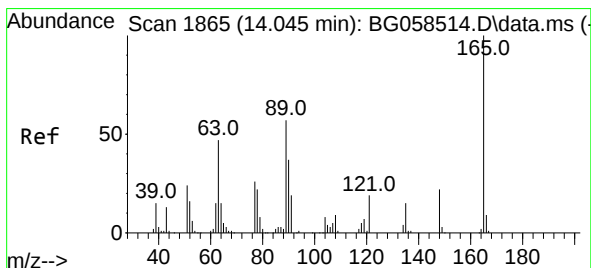
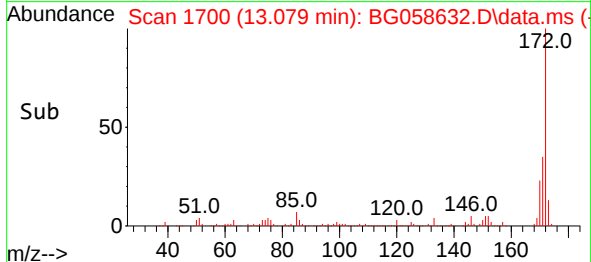
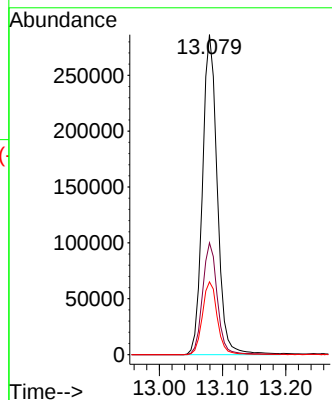
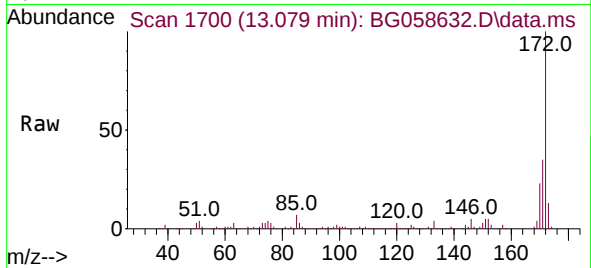




#45
2-Fluorobiphenyl
Concen: 57.340 ng
RT: 13.079 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

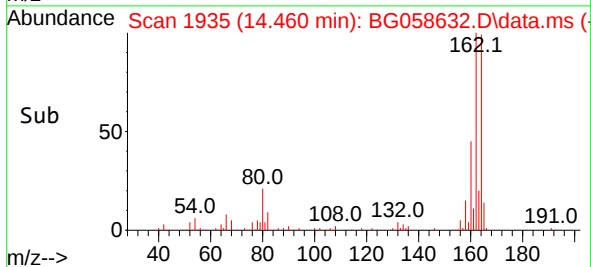
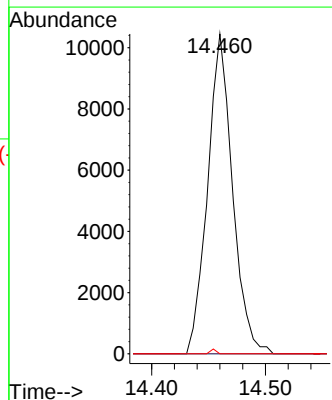
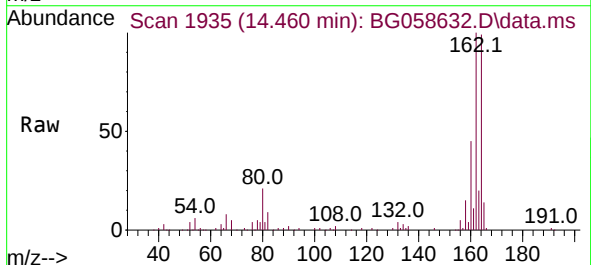
Instrument :
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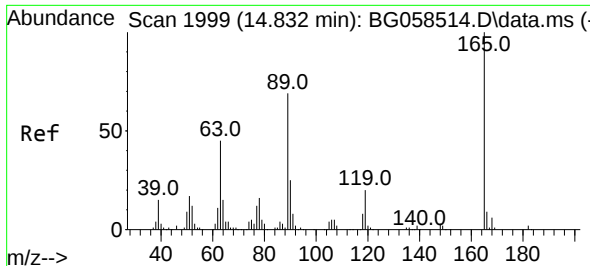
Tgt Ion:172 Resp: 464275
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.7 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.964 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

Tgt Ion:165 Resp: 15925
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.745 ng

RT: 14.460 min Scan# 1999

Delta R.T. -0.372 min

Lab File: BG058632.D

Acq: 7 Aug 2023 18:22

Instrument :

BNA_G

ClientSampleId :

MW-07

Tgt Ion:165 Resp: 15925

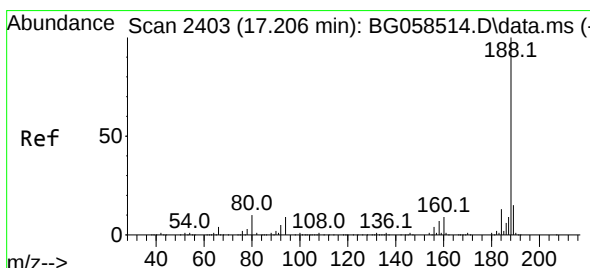
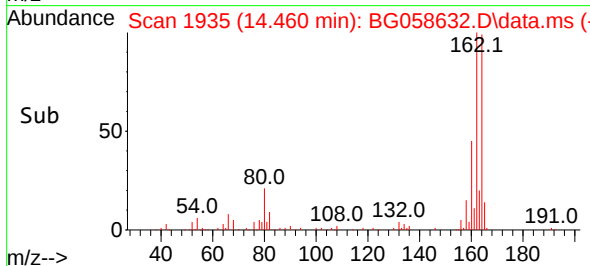
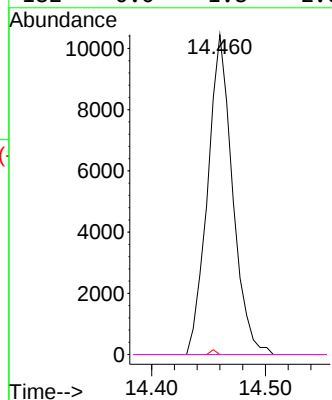
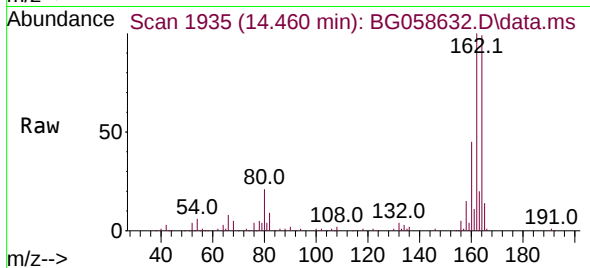
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.204 min Scan# 2402

Delta R.T. -0.002 min

Lab File: BG058632.D

Acq: 7 Aug 2023 18:22

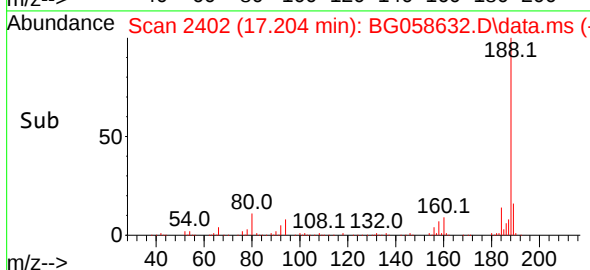
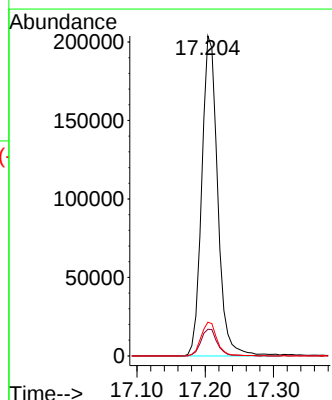
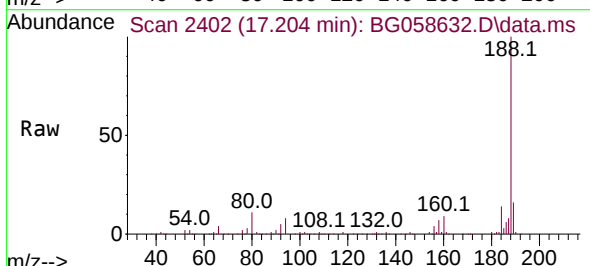
Tgt Ion:188 Resp: 330769

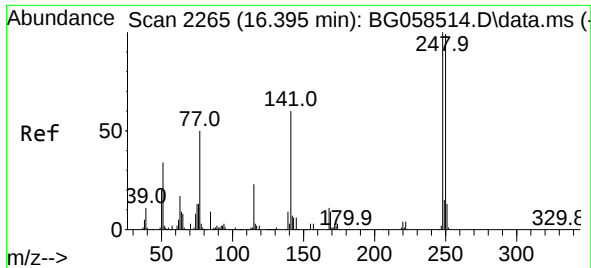
Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 10.5 8.1 12.1

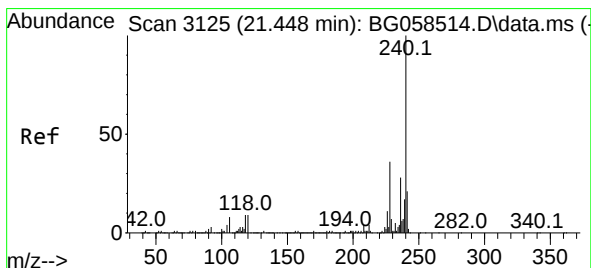
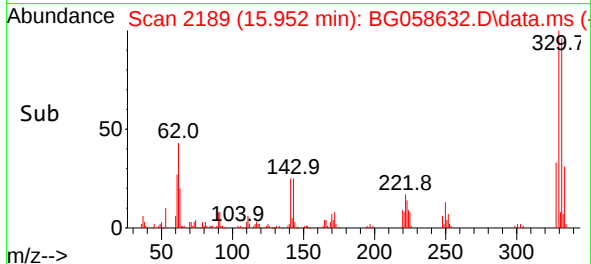
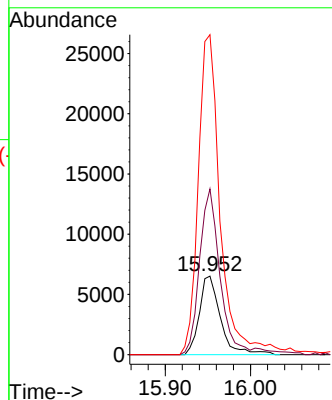
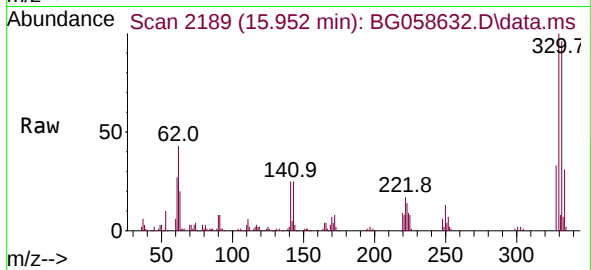




#67
4-Bromophenyl-phenylether
Concen: 2.975 ng
RT: 15.952 min Scan# 21162
Delta R.T. -0.443 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

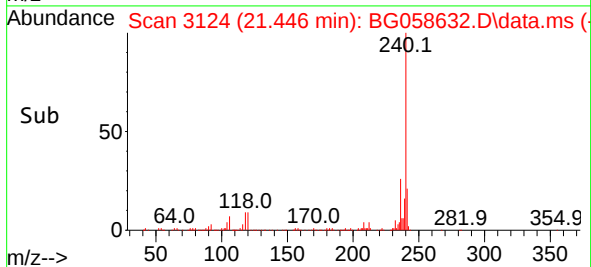
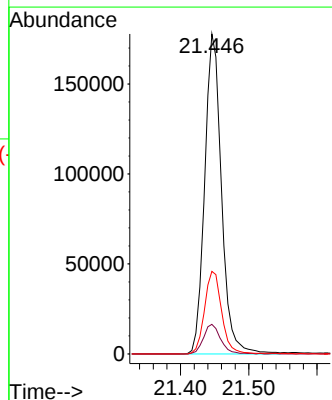
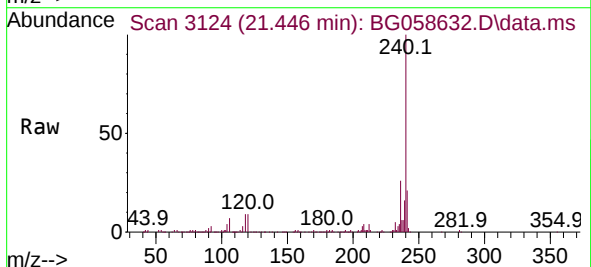
Instrument :
BNA_G
ClientSampleId :
MW-07

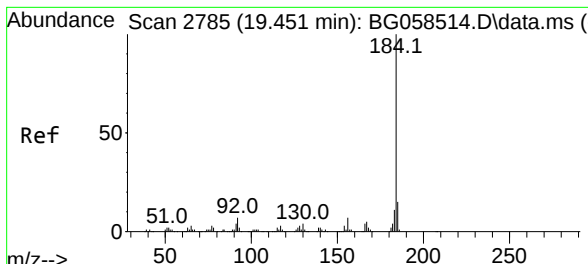
Tgt Ion:248 Resp: 11162
Ion Ratio Lower Upper
248 100
250 211.1 79.5 119.3#
141 407.9 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

Tgt Ion:240 Resp: 304733
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.8 22.2 33.4





#77

Benzidine

Concen: 2.606 ng

RT: 19.824 min Scan# 2848

Delta R.T. 0.374 min

Lab File: BG058632.D

Acq: 7 Aug 2023 18:22

Instrument :

BNA_G

ClientSampleId :

MW-07

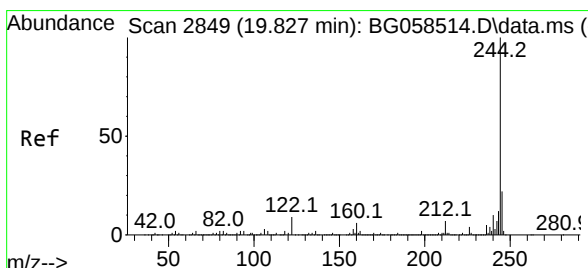
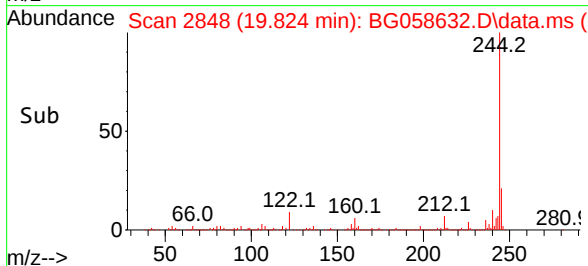
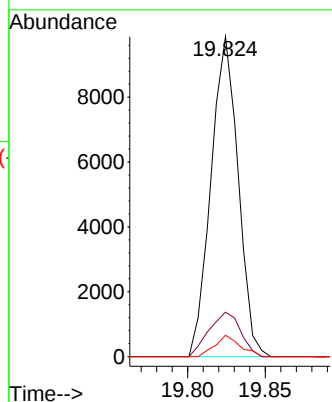
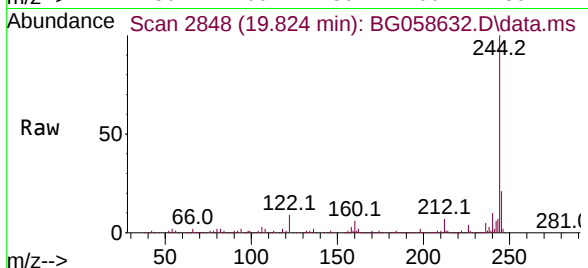
Tgt Ion:184 Resp: 12044

Ion Ratio Lower Upper

184 100

185 13.9 11.9 17.9

183 6.7 8.7 13.1#



#79

Terphenyl-d14

Concen: 60.581 ng

RT: 19.824 min Scan# 2848

Delta R.T. -0.002 min

Lab File: BG058632.D

Acq: 7 Aug 2023 18:22

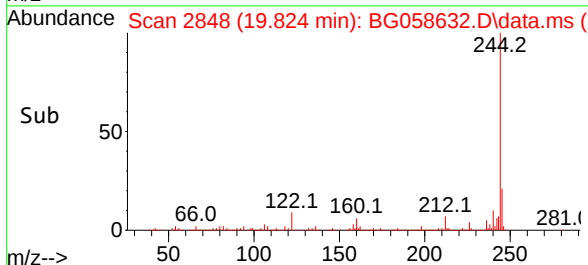
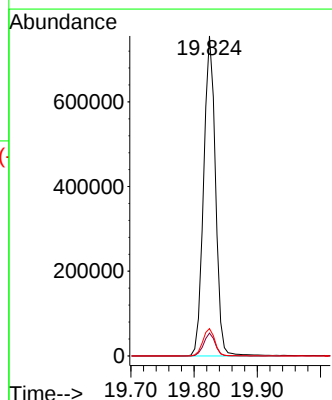
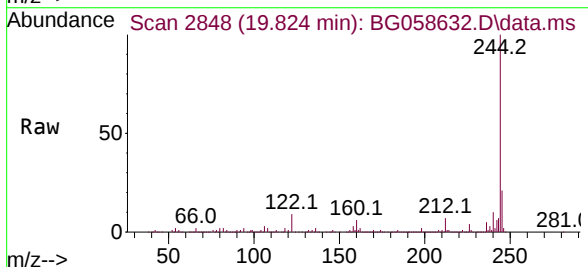
Tgt Ion:244 Resp: 981702

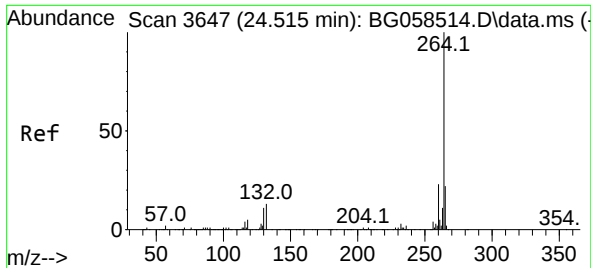
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.5 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG058632.D
Acq: 7 Aug 2023 18:22

Instrument :
BNA_G
ClientSampleId :
MW-07

Tgt Ion:264 Resp: 373496
Ion Ratio Lower Upper
264 100
260 22.0 18.4 27.6
265 21.1 17.9 26.9

