

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
 Data File : BG055903.D
 Acq On : 6 Dec 2022 14:38
 Operator : CG/JU
 Sample : N5883-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-18

Quant Time: Dec 07 05:09:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

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

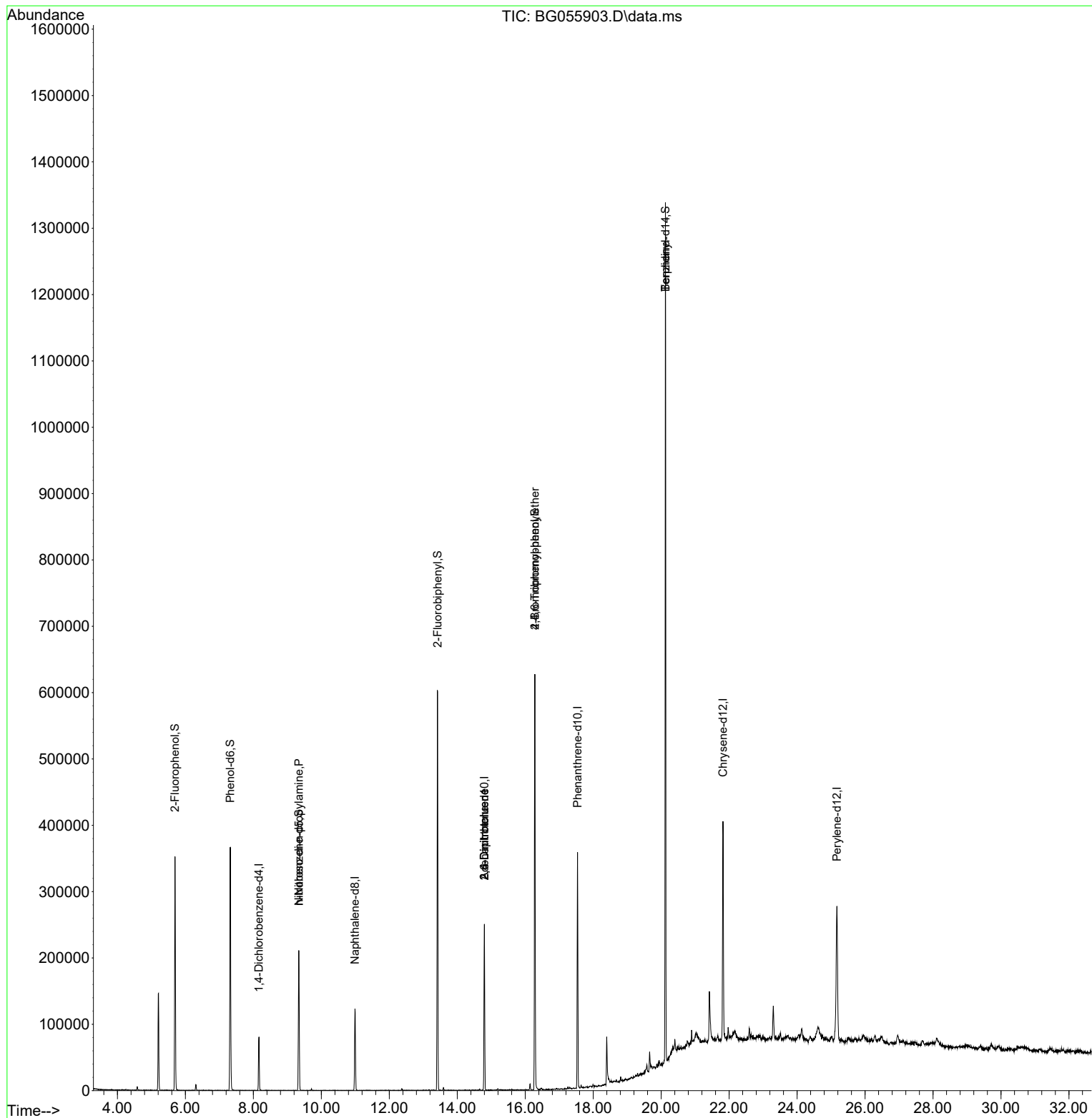
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	22671	20.000	ng	0.00
21) Naphthalene-d8	10.990	136	103743	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	89708	20.000	ng	0.00
64) Phenanthrene-d10	17.542	188	227259	20.000	ng	0.00
76) Chrysene-d12	21.819	240	209568	20.000	ng	0.00
86) Perylene-d12	25.174	264	219967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	144257	115.014	ng	0.00
7) Phenol-d6	7.318	99	202554	121.317	ng	0.00
23) Nitrobenzene-d5	9.339	82	121801	62.055	ng	0.00
42) 2,4,6-Tribromophenol	16.284	330	131686	104.248	ng	0.00
45) 2-Fluorobiphenyl	13.423	172	319086	53.287	ng	0.00
79) Terphenyl-d14	20.127	244	634344	60.542	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.339	70	16990	13.244	ng	# 79
51) 2,6-Dinitrotoluene	14.798	165	11801	8.071	ng	# 26
57) 2,4-Dinitrotoluene	14.798	165	11801	5.724	ng	# 24
67) 4-Bromophenyl-phenylether	16.284	248	8225	3.176	ng	# 1
77) Benzidine	20.127	184	10346	2.134	ng	# 93

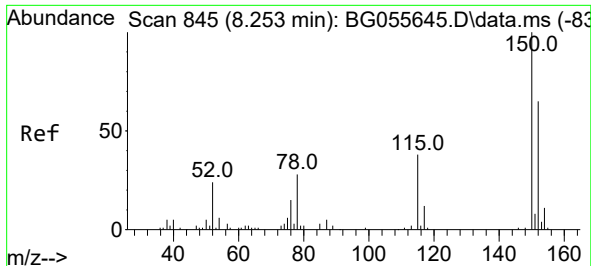
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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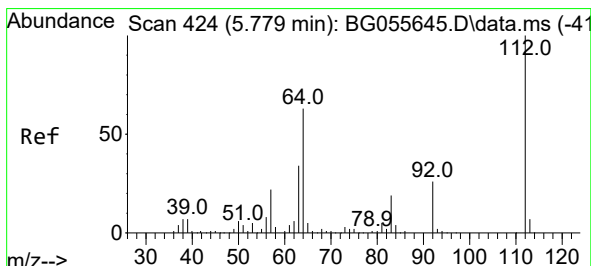
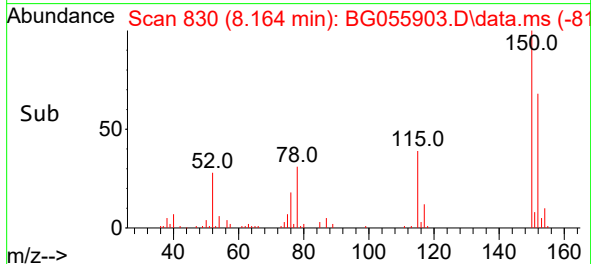
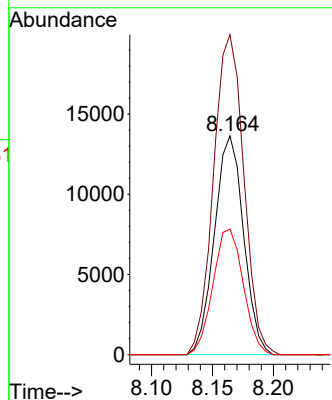
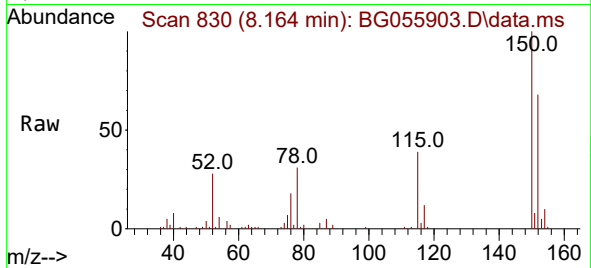




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

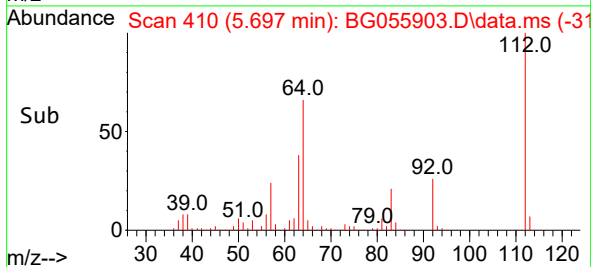
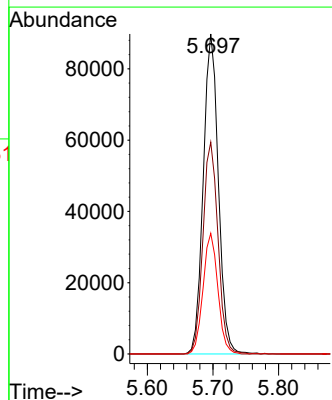
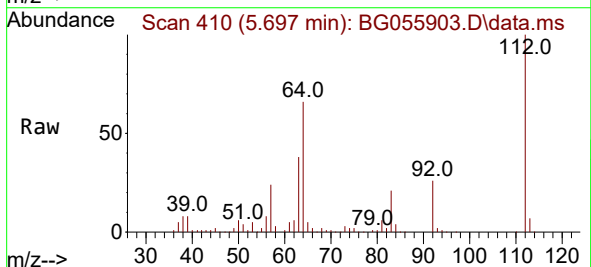
Instrument :
BNA_G
ClientSampleId :
MH-18

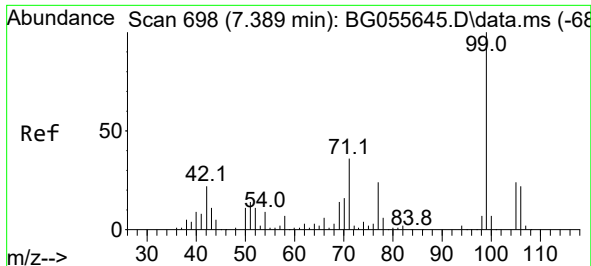
Tgt Ion:152 Resp: 22671
Ion Ratio Lower Upper
152 100
150 146.2 123.0 184.6
115 57.4 47.0 70.4



#5
2-Fluorophenol
Concen: 115.014 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

Tgt Ion:112 Resp: 144257
Ion Ratio Lower Upper
112 100
64 66.2 50.6 76.0
63 37.7 27.5 41.3

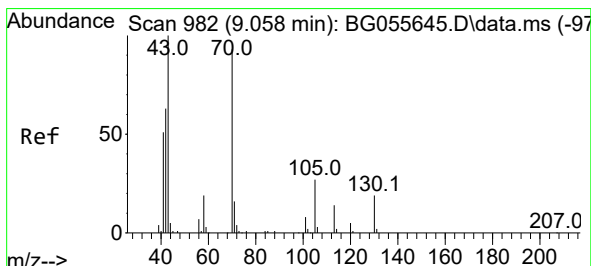
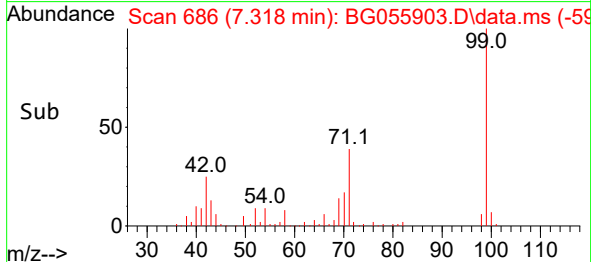
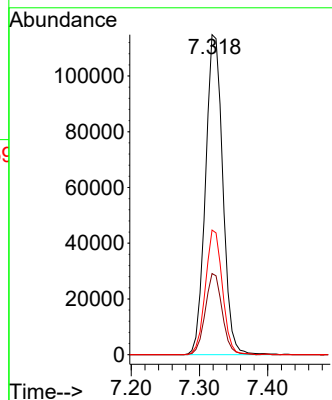
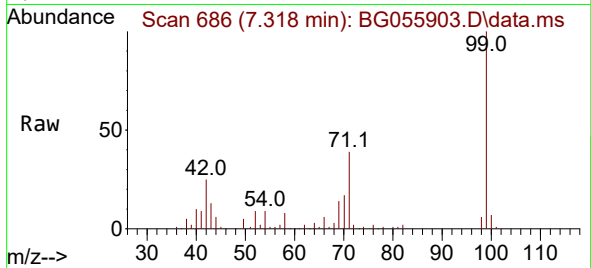




#7
Phenol-d6
Concen: 121.317 ng
RT: 7.318 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

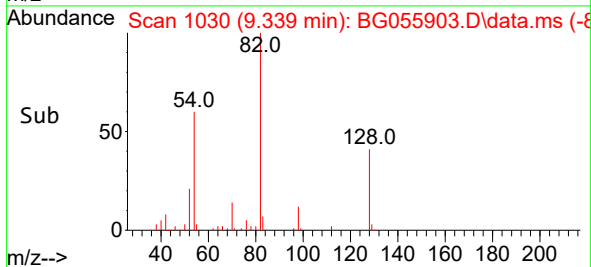
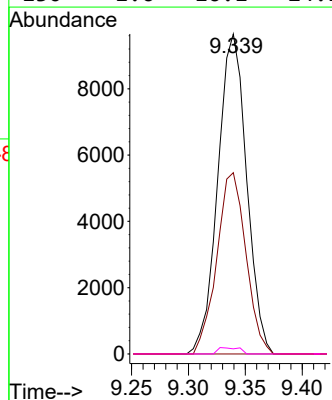
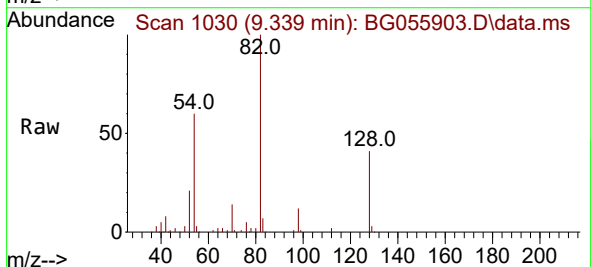
Instrument :
BNA_G
ClientSampleId :
MH-18

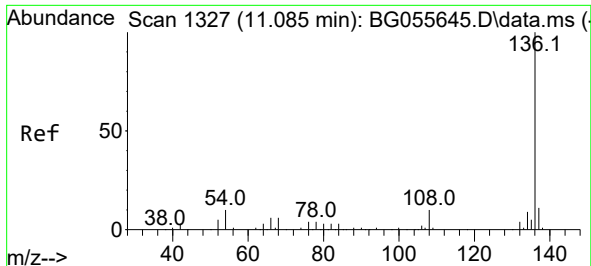
Tgt Ion: 99 Resp: 202554
Ion Ratio Lower Upper
99 100
42 25.3 18.0 27.0
71 39.0 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.244 ng
RT: 9.339 min Scan# 1030
Delta R.T. 0.367 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

Tgt Ion: 70 Resp: 16990
Ion Ratio Lower Upper
70 100
42 56.6 55.2 82.8
101 0.0 7.1 10.7#
130 1.6 16.1 24.1#

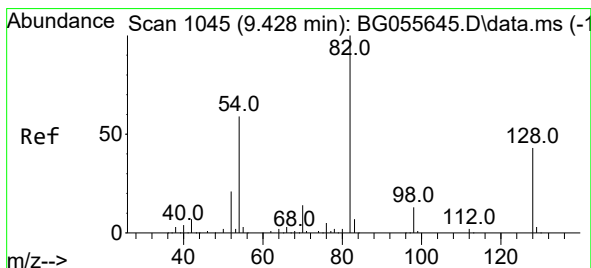
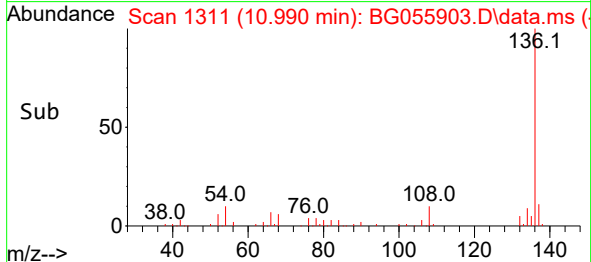
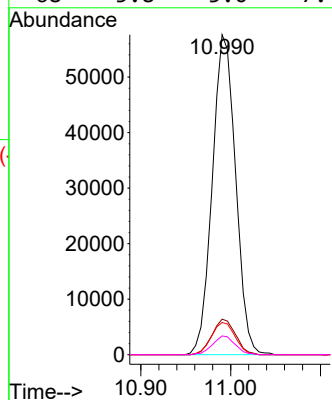
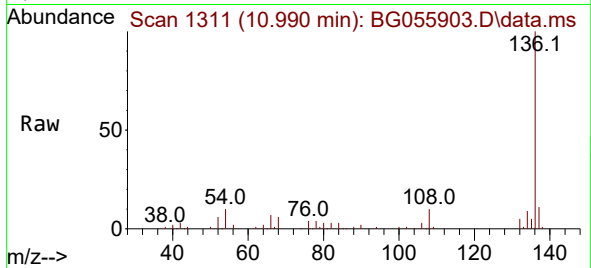




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.990 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

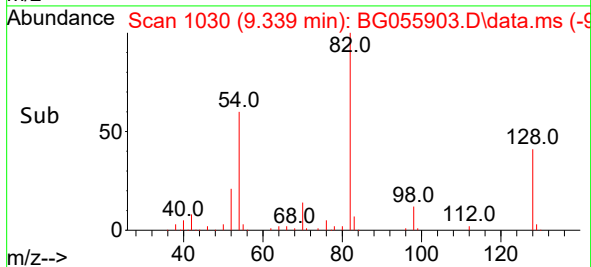
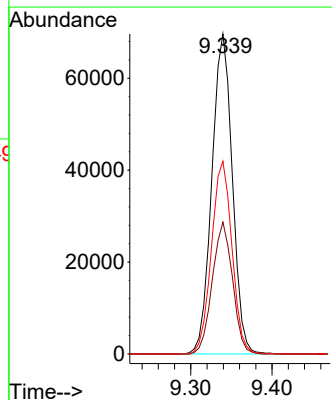
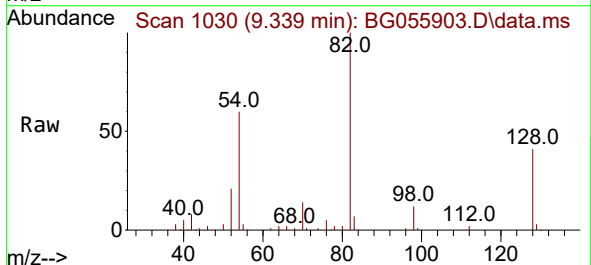
Instrument :
BNA_G
ClientSampleId :
MH-18

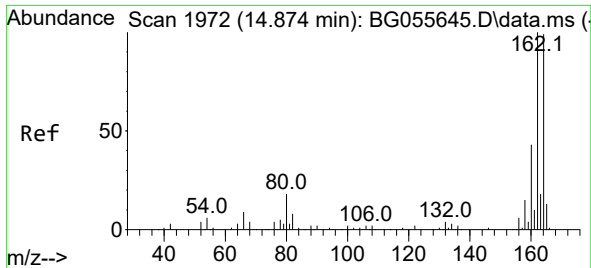
Tgt Ion:136 Resp: 103743
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.0 7.8 11.6
68 5.8 5.0 7.4



#23
Nitrobenzene-d5
Concen: 62.055 ng
RT: 9.339 min Scan# 1030
Delta R.T. -0.004 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

Tgt Ion: 82 Resp: 121801
Ion Ratio Lower Upper
82 100
128 41.2 34.1 51.1
54 60.2 47.3 70.9

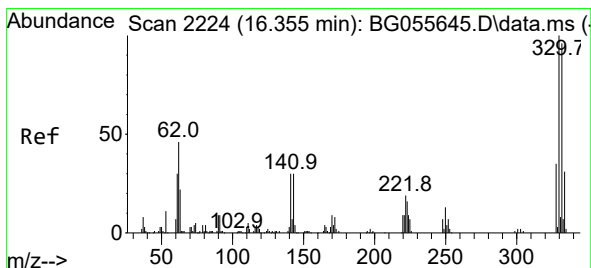
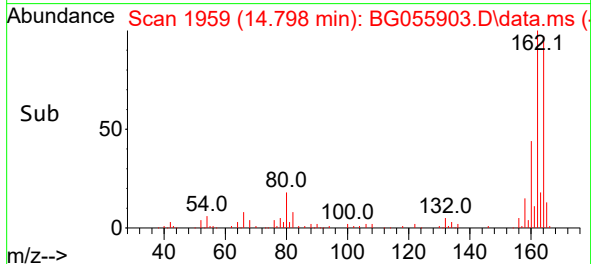
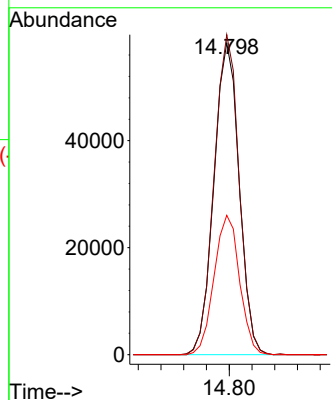
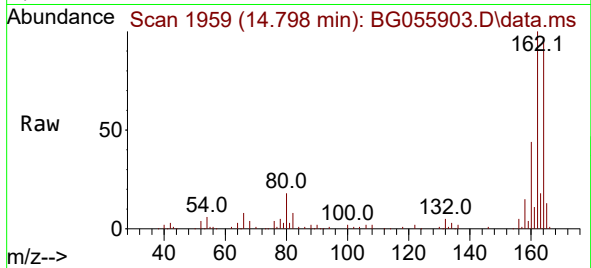




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

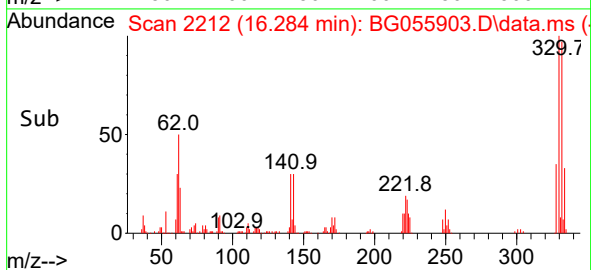
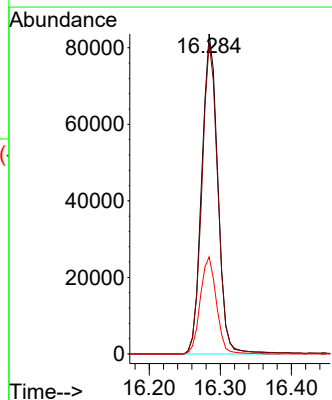
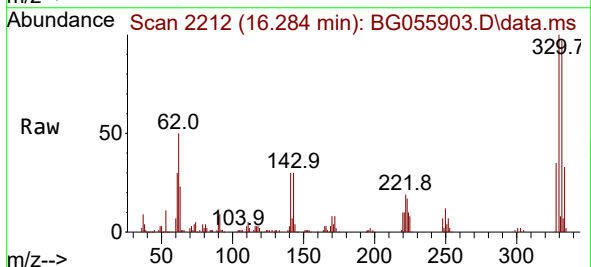
Instrument :
BNA_G
ClientSampleId :
MH-18

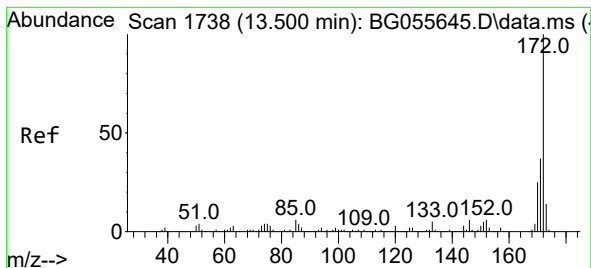
Tgt Ion:164 Resp: 89708
Ion Ratio Lower Upper
164 100
162 102.6 81.1 121.7
160 44.7 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 104.248 ng
RT: 16.284 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

Tgt Ion:330 Resp: 131686
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 30.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 53.287 ng

RT: 13.423 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG055903.D

Acq: 6 Dec 2022 14:38

Instrument :

BNA_G

ClientSampleId :

MH-18

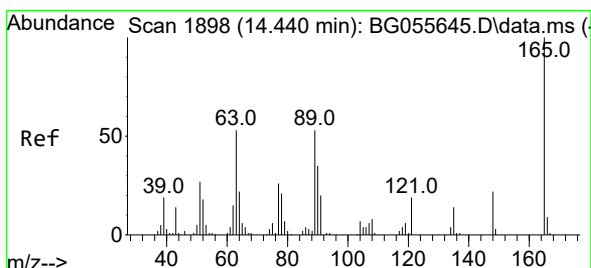
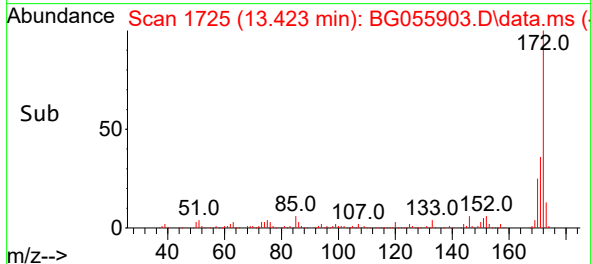
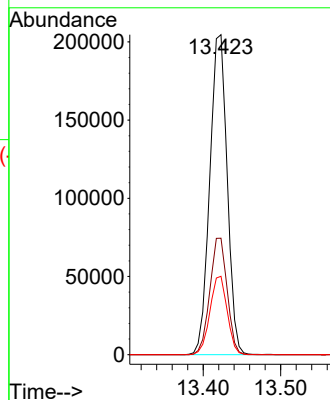
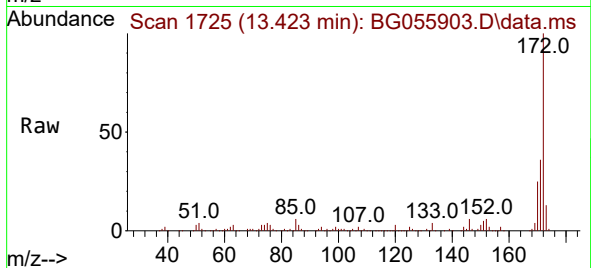
Tgt Ion:172 Resp: 319086

Ion Ratio Lower Upper

172 100

171 36.4 29.8 44.6

170 24.5 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 8.071 ng

RT: 14.798 min Scan# 1959

Delta R.T. 0.425 min

Lab File: BG055903.D

Acq: 6 Dec 2022 14:38

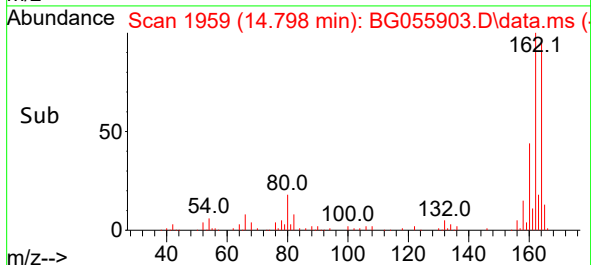
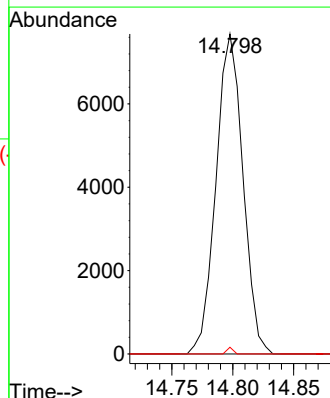
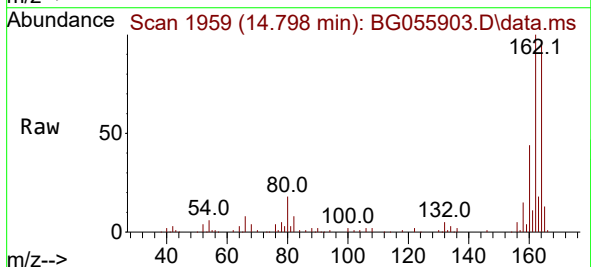
Tgt Ion:165 Resp: 11801

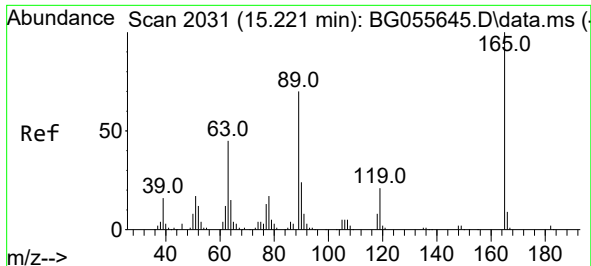
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 2.1 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.724 ng

RT: 14.798 min Scan# 1959

Delta R.T. -0.368 min

Lab File: BG055903.D

Acq: 6 Dec 2022 14:38

Instrument :

BNA_G

ClientSampleId :

MH-18

Tgt Ion:165 Resp: 11801

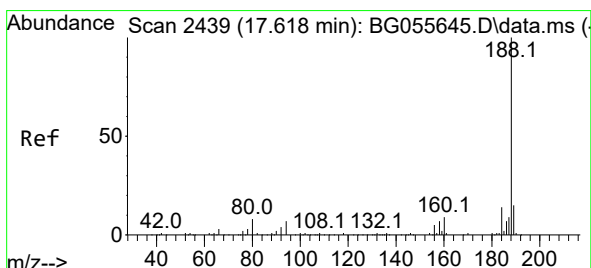
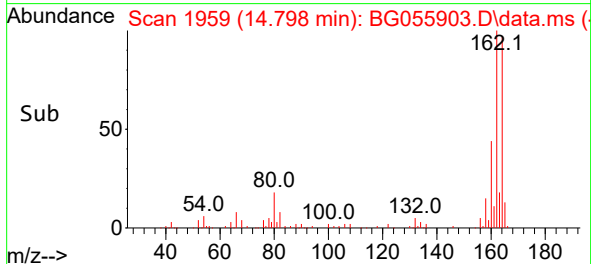
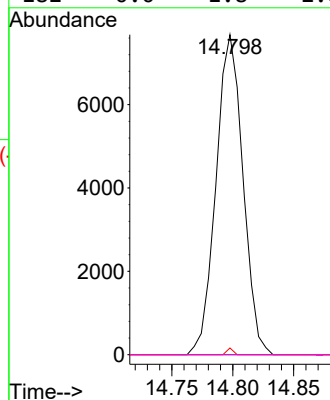
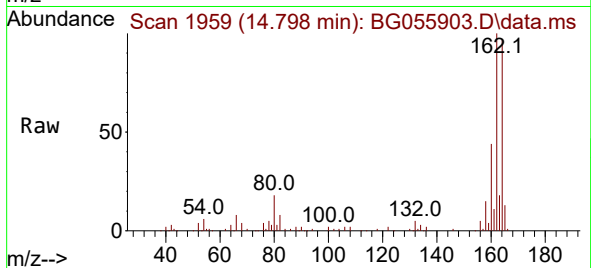
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 2.1 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.542 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BG055903.D

Acq: 6 Dec 2022 14:38

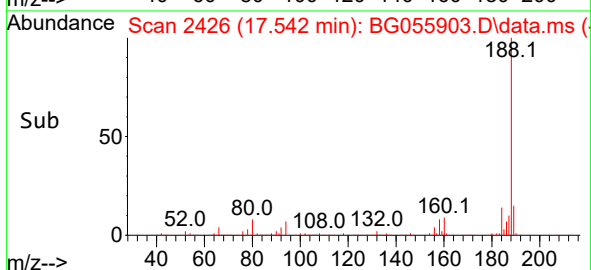
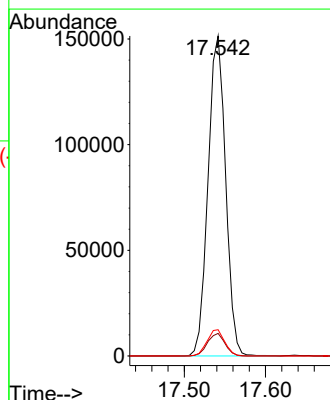
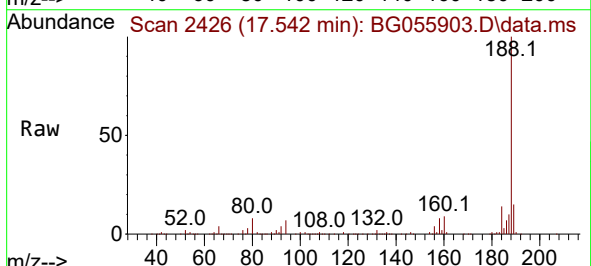
Tgt Ion:188 Resp: 227259

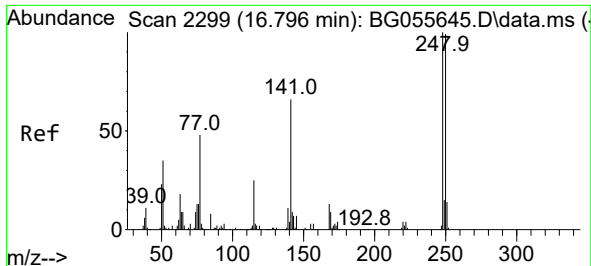
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.2 6.6 10.0

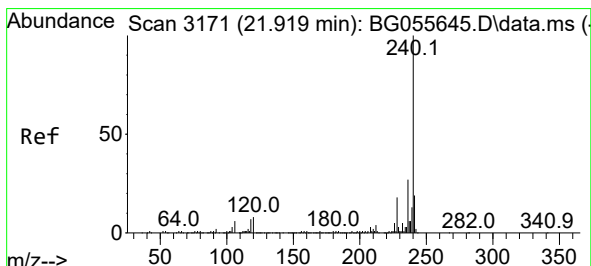
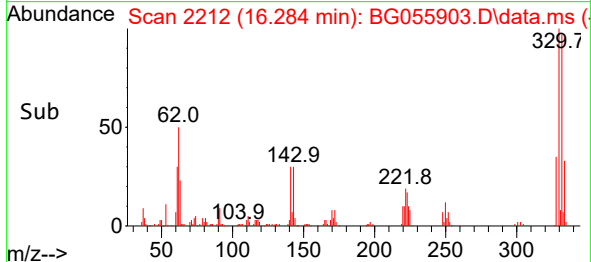
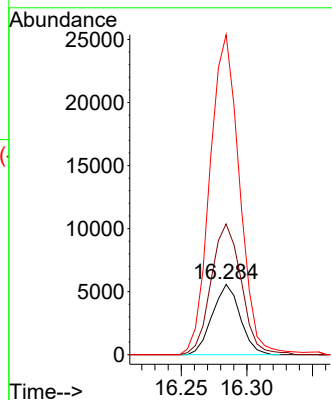
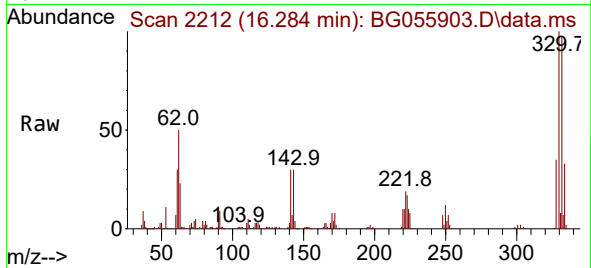




#67
4-Bromophenyl-phenylether
Concen: 3.176 ng
RT: 16.284 min Scan# 2112
Delta R.T. -0.438 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

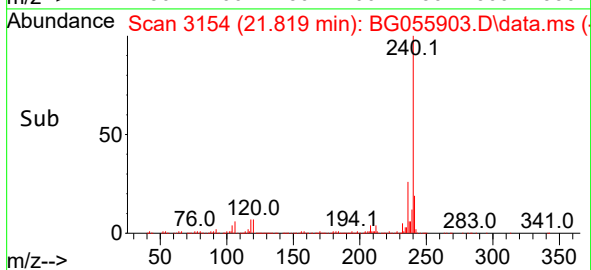
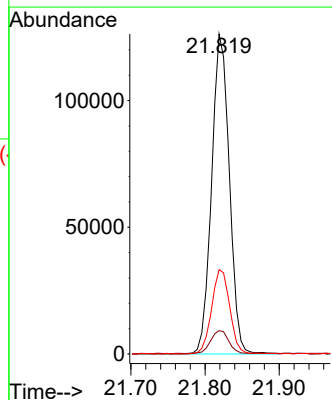
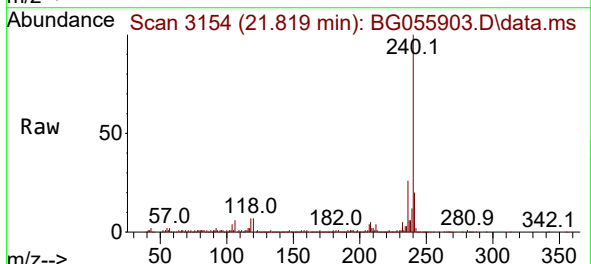
Instrument :
BNA_G
ClientSampleId :
MH-18

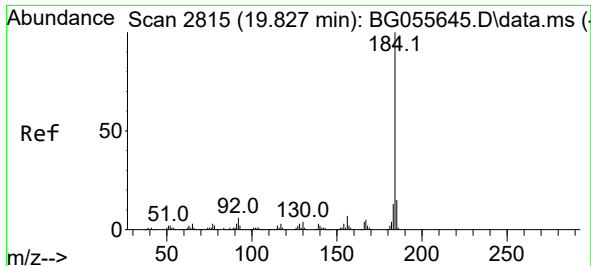
Tgt Ion:248 Resp: 8225
Ion Ratio Lower Upper
248 100
250 186.0 79.0 118.4#
141 455.2 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.009 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

Tgt Ion:240 Resp: 209568
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 26.3 21.9 32.9

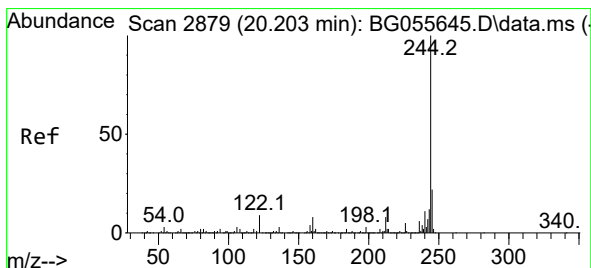
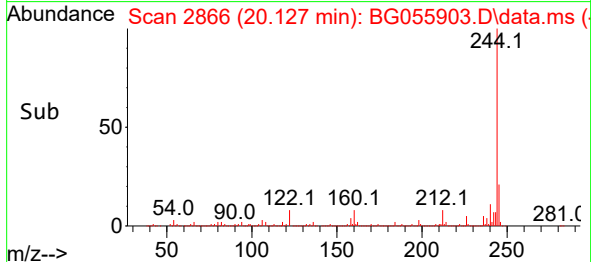
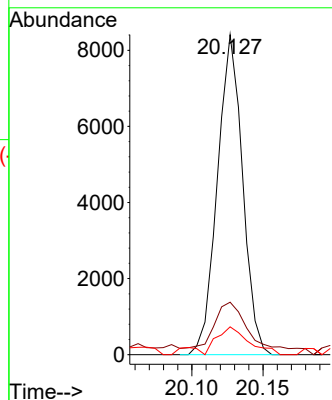
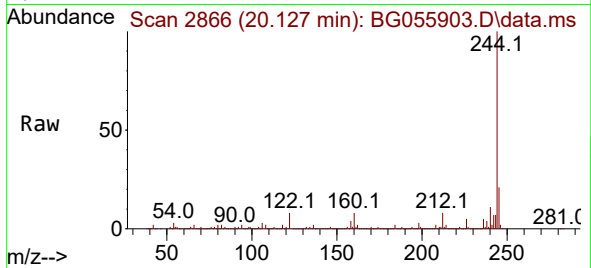




#77
Benzidine
Concen: 2.134 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.372 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

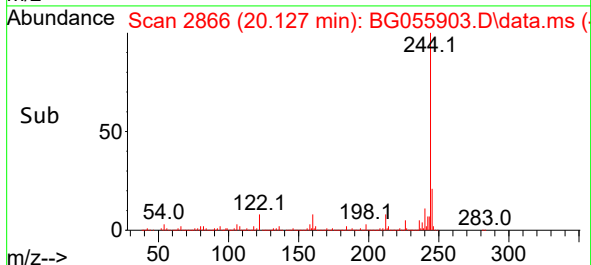
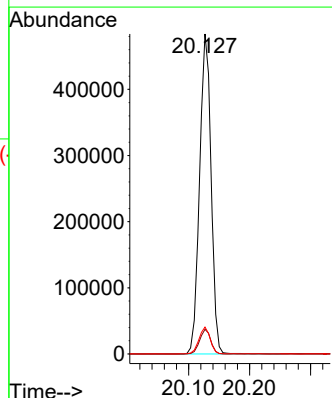
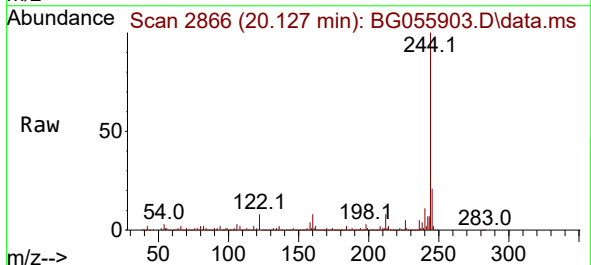
Instrument :
BNA_G
ClientSampleId :
MH-18

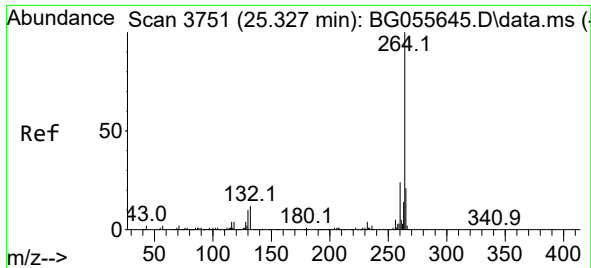
Tgt Ion:184 Resp: 10346
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.8
183 8.7 10.6 15.8#



#79
Terphenyl-d14
Concen: 60.542 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.004 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

Tgt Ion:244 Resp: 634344
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.4 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG055903.D
Acq: 6 Dec 2022 14:38

Instrument :
BNA_G
ClientSampleId :
MH-18

Tgt Ion:264 Resp: 219967

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.8	17.1	25.7

