

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055389.D
 Acq On : 31 Oct 2022 22:00
 Operator : CG/JU
 Sample : N5371-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-6-WC

Quant Time: Nov 01 06:51:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

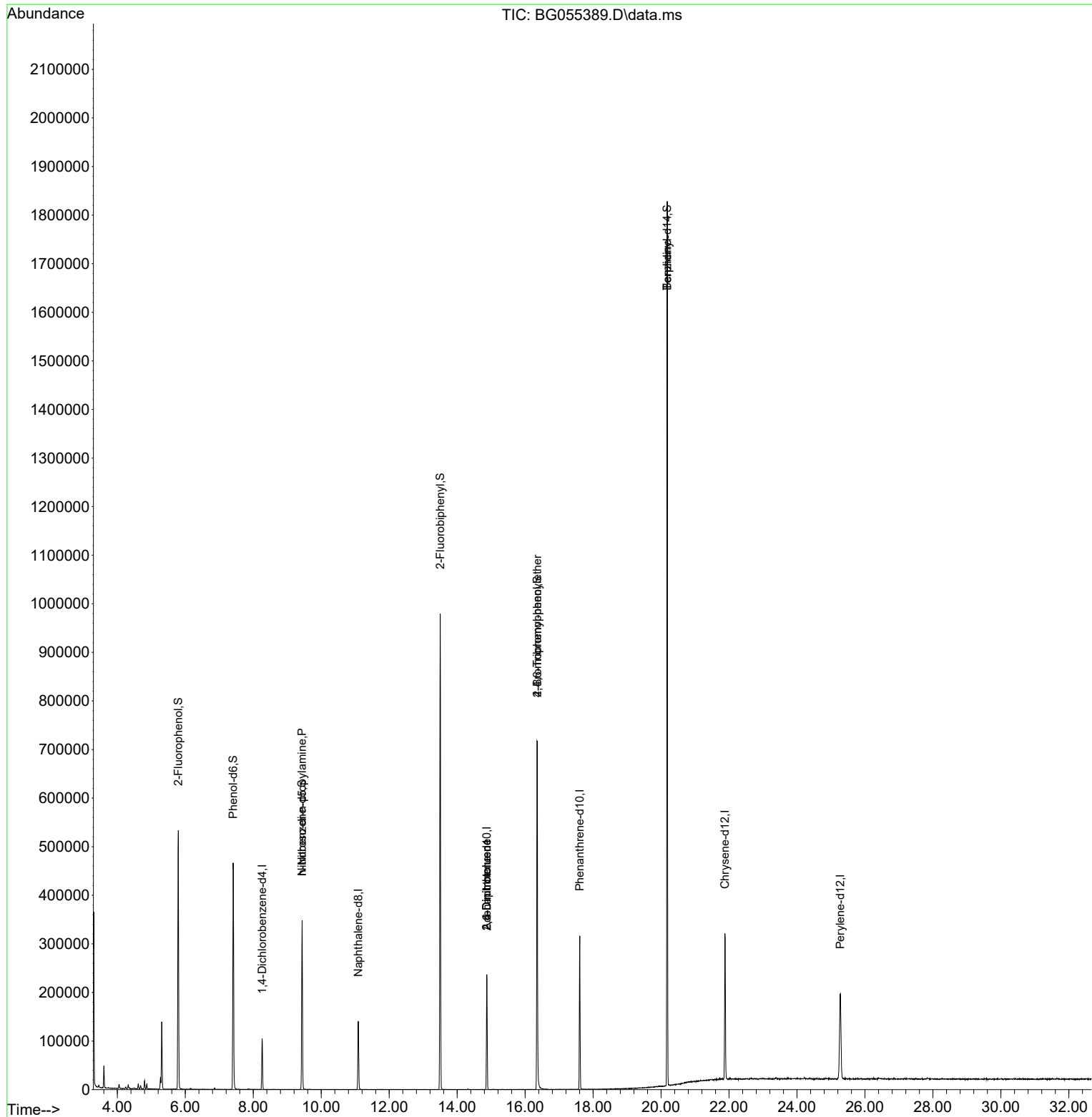
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	31426	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	128507	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	87688	20.000	ng	-0.01
64) Phenanthrene-d10	17.607	188	198104	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	192831	20.000	ng	-0.01
86) Perylene-d12	25.274	264	206808	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	247872	138.108	ng	0.00
7) Phenol-d6	7.407	99	292765	112.593	ng	0.00
23) Nitrobenzene-d5	9.434	82	212783	84.551	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	171382	179.788	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	505986	94.446	ng	-0.01
79) Terphenyl-d14	20.180	244	892773	96.193	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.434	70	28456	13.179	ng	# 79
51) 2,6-Dinitrotoluene	14.869	165	11473	8.189	ng	# 19
57) 2,4-Dinitrotoluene	14.869	165	11473	5.643	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	10363	5.384	ng	# 1
77) Benzidine	20.180	184	12822	2.746	ng	# 89

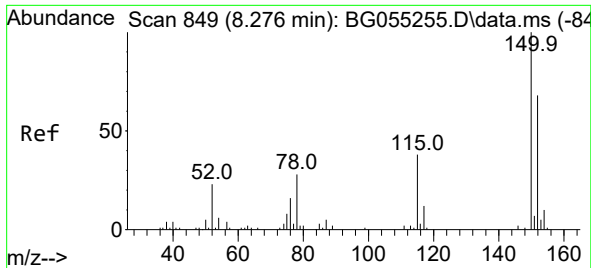
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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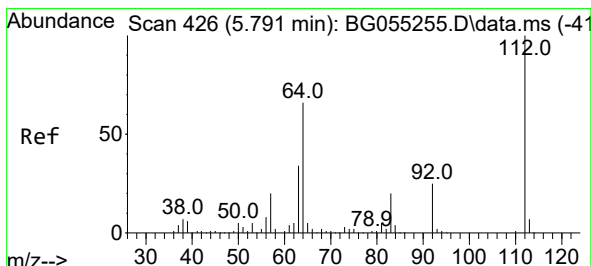
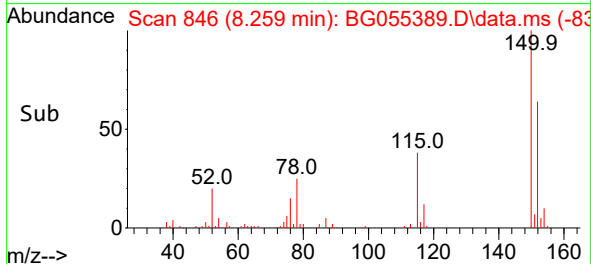
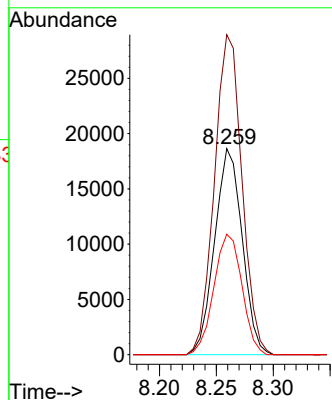
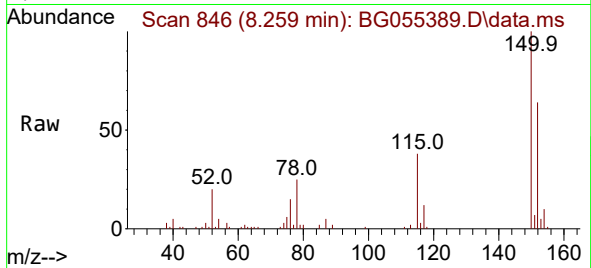




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

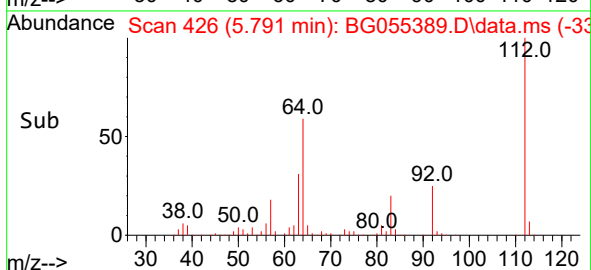
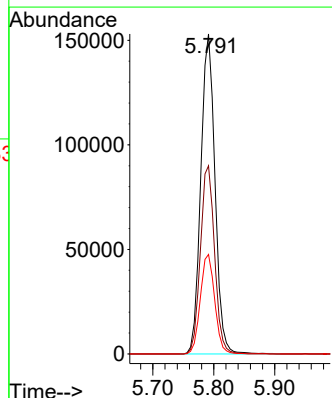
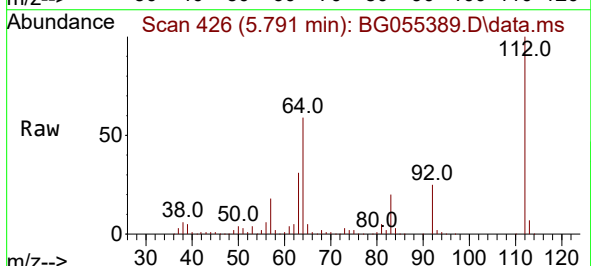
Instrument :
BNA_G
ClientSampleId :
MH-6-WC

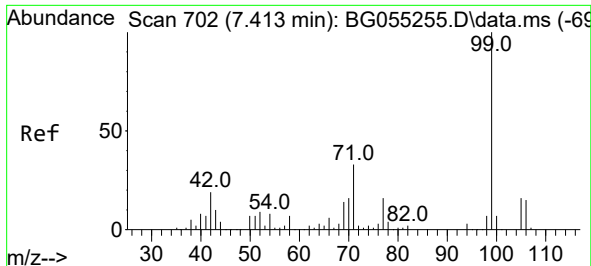
Tgt Ion:152 Resp: 31426
Ion Ratio Lower Upper
152 100
150 155.3 118.2 177.4
115 58.4 44.5 66.7



#5
2-Fluorophenol
Concen: 138.108 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.006 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

Tgt Ion:112 Resp: 247872
Ion Ratio Lower Upper
112 100
64 58.8 52.6 78.8
63 31.1 27.1 40.7

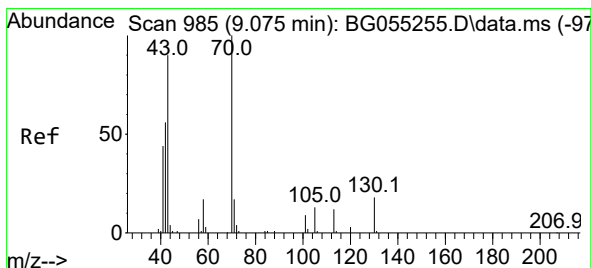
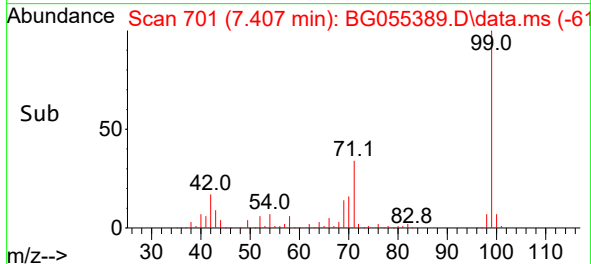
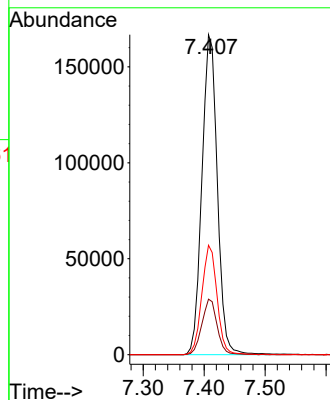
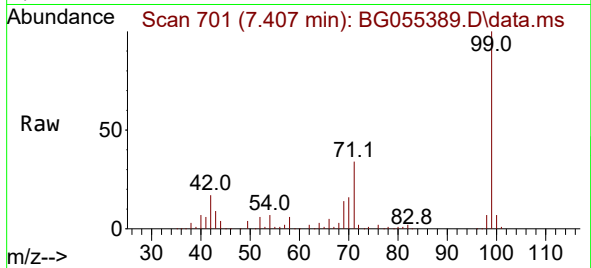




#7
Phenol-d6
Concen: 112.593 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

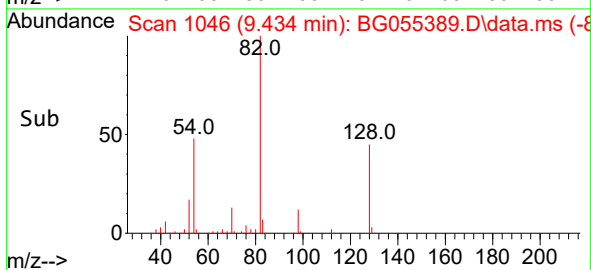
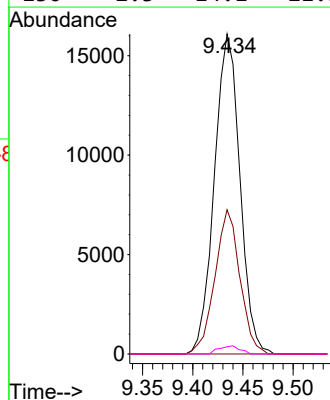
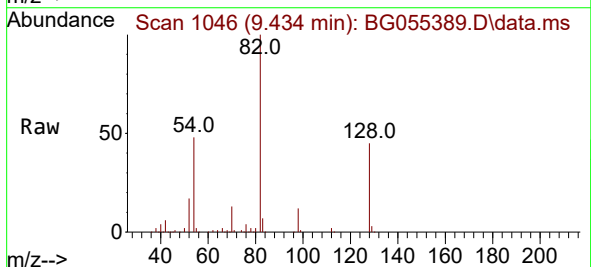
Instrument :
BNA_G
ClientSampleId :
MH-6-WC

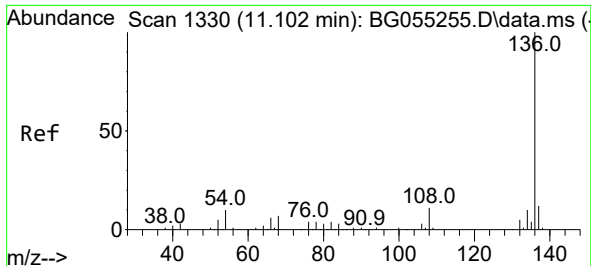
Tgt Ion: 99 Resp: 292765
Ion Ratio Lower Upper
99 100
42 17.3 15.2 22.8
71 34.2 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.179 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

Tgt Ion: 70 Resp: 28456
Ion Ratio Lower Upper
70 100
42 45.1 45.8 68.6#
101 0.0 7.4 11.0#
130 2.3 14.1 21.1#

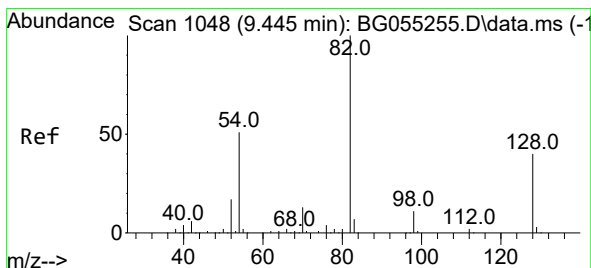
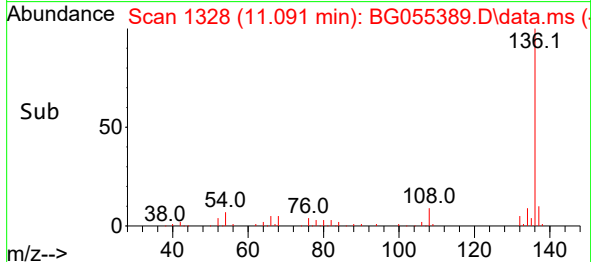
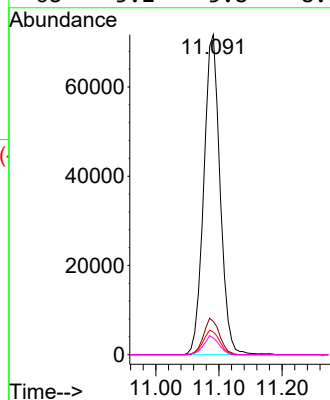
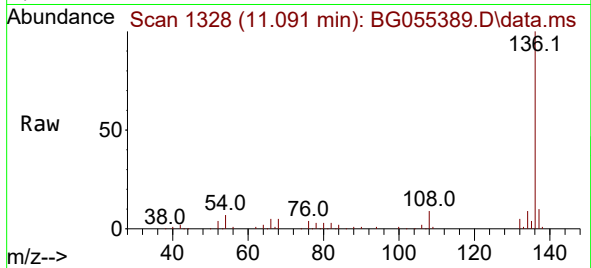




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

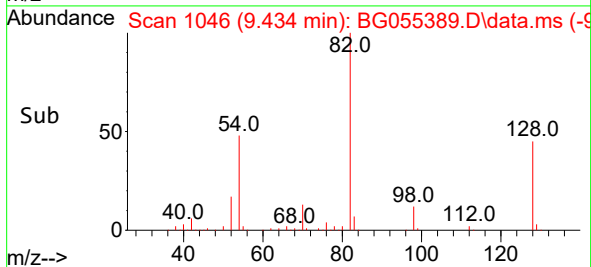
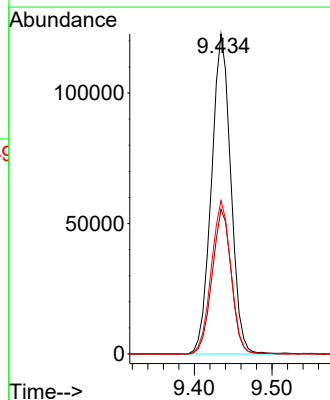
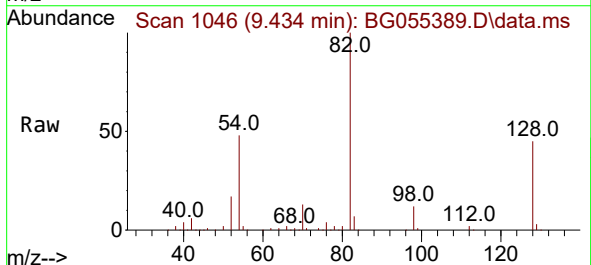
Instrument :
BNA_G
ClientSampleId :
MH-6-WC

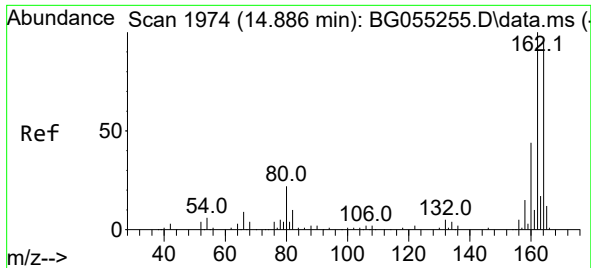
Tgt Ion:136 Resp: 128507
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.1 7.8 11.8#
68 5.2 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 84.551 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

Tgt Ion: 82 Resp: 212783
Ion Ratio Lower Upper
82 100
128 45.2 32.0 48.0
54 47.9 40.9 61.3

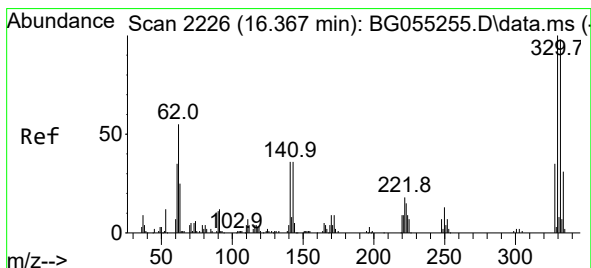
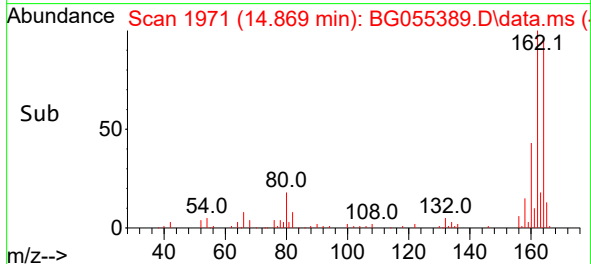
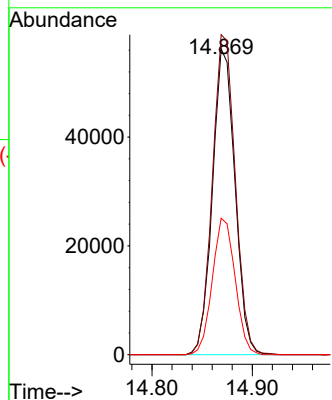
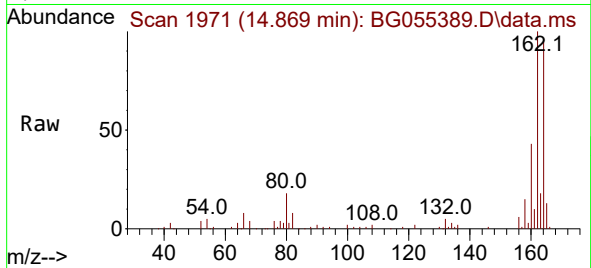




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

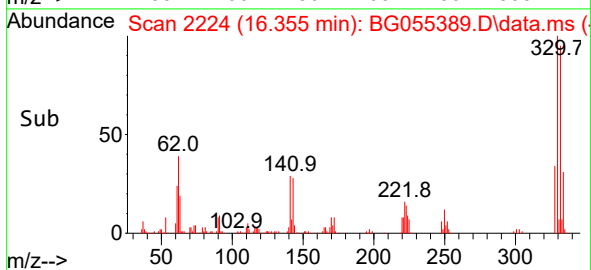
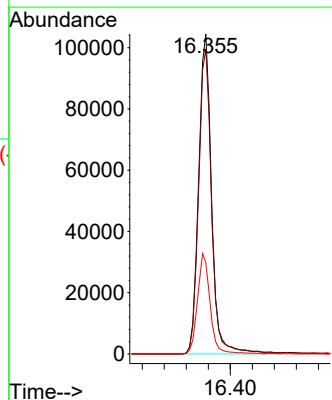
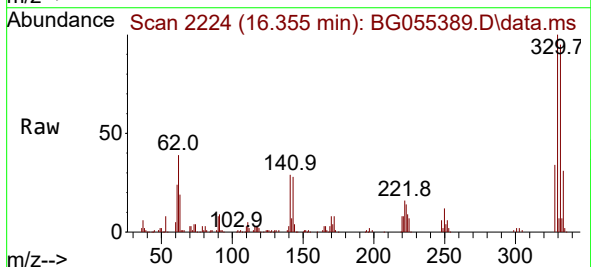
Instrument :
BNA_G
ClientSampleId :
MH-6-WC

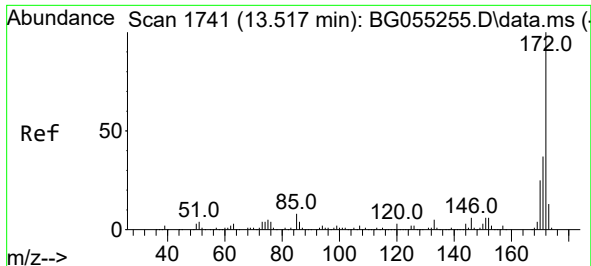
Tgt Ion:164 Resp: 87688
Ion Ratio Lower Upper
164 100
162 104.6 84.0 126.0
160 44.6 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 179.788 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

Tgt Ion:330 Resp: 171382
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 30.4 29.8 44.8

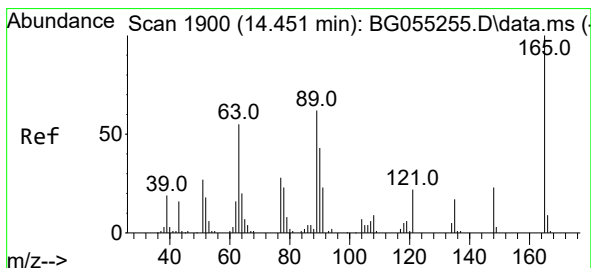
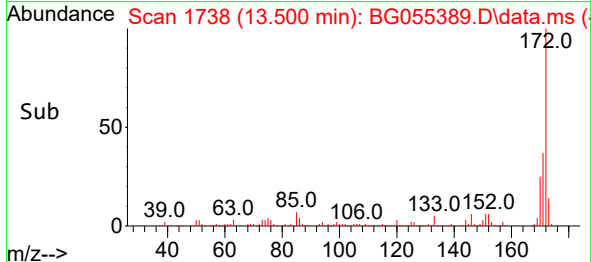
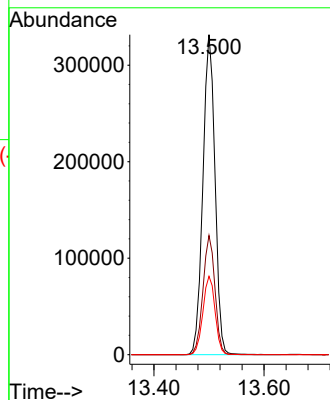
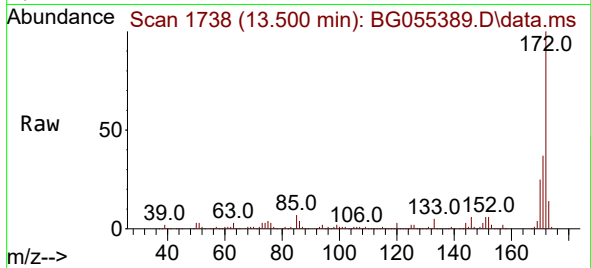




#45
2-Fluorobiphenyl
Concen: 94.446 ng
RT: 13.500 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

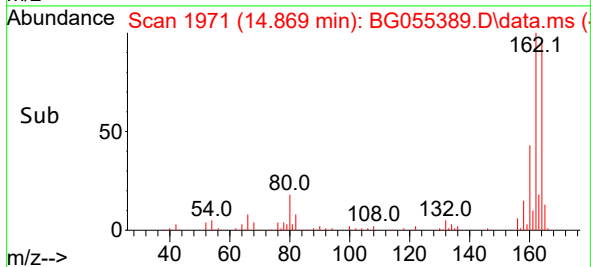
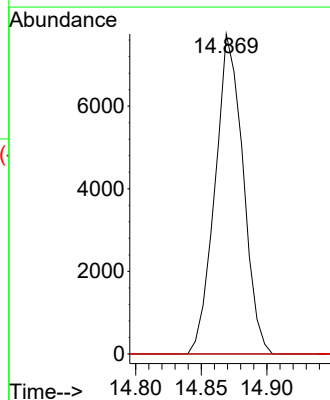
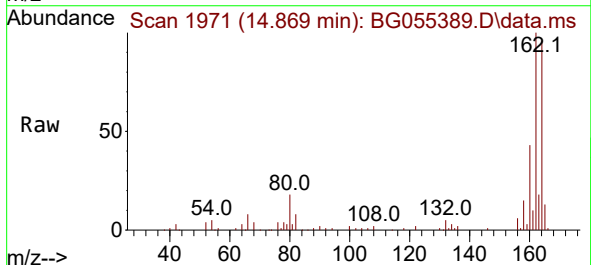
Instrument :
BNA_G
ClientSampleId :
MH-6-WC

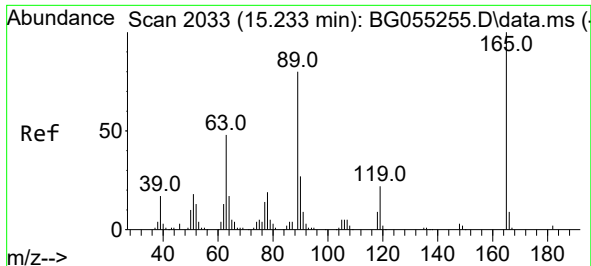
Tgt Ion:172 Resp: 505986
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.5 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.189 ng
RT: 14.869 min Scan# 1971
Delta R.T. 0.417 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

Tgt Ion:165 Resp: 11473
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.643 ng

RT: 14.869 min Scan# 1971

Delta R.T. -0.364 min

Lab File: BG055389.D

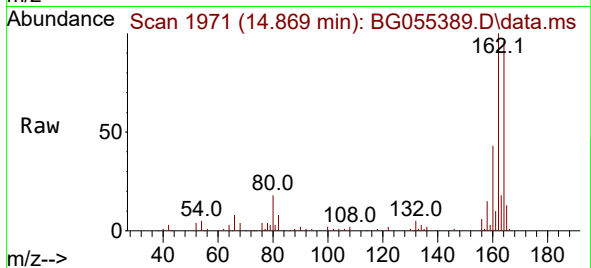
Acq: 31 Oct 2022 22:00

Instrument :

BNA_G

ClientSampleId :

MH-6-WC



Tgt Ion:165 Resp: 11473

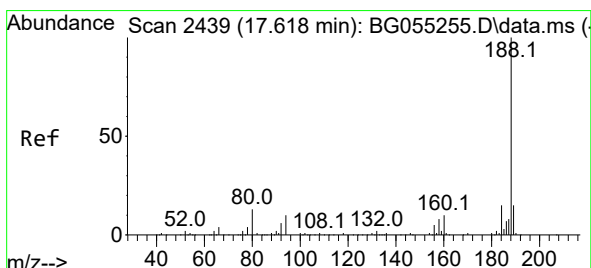
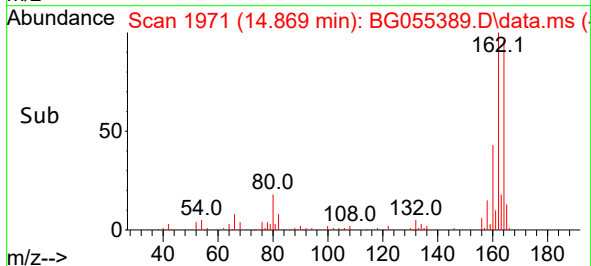
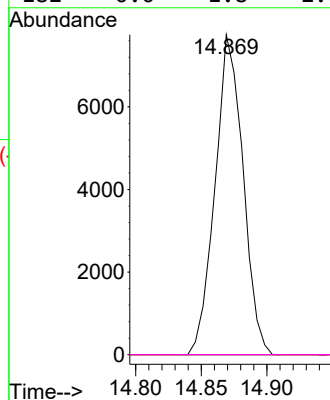
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055389.D

Acq: 31 Oct 2022 22:00

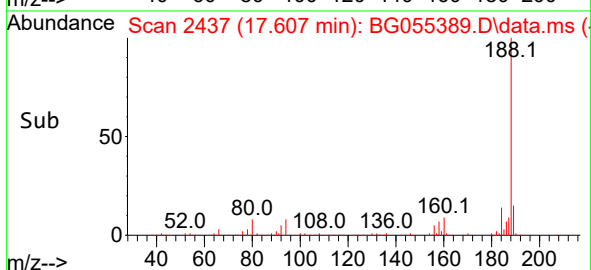
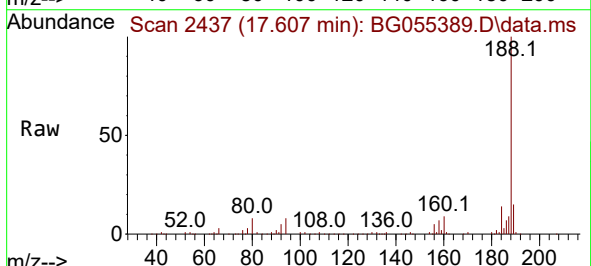
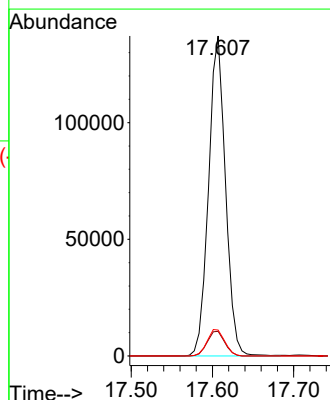
Tgt Ion:188 Resp: 198104

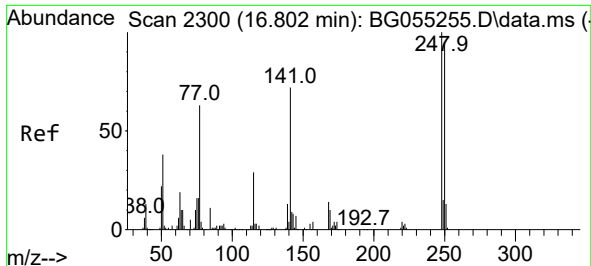
Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.4#

80 8.1 10.1 15.1#

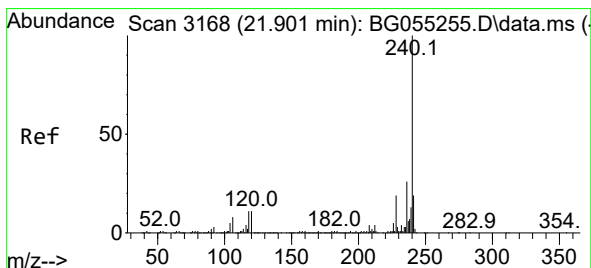
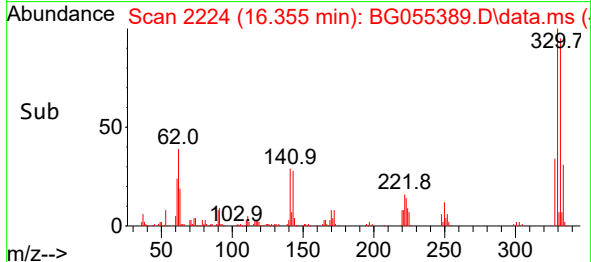
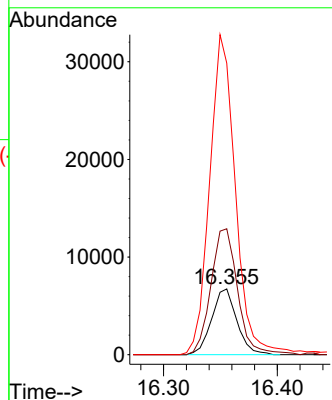
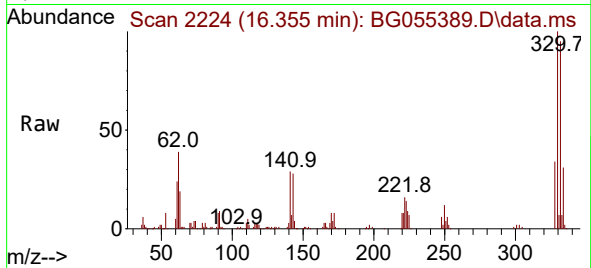




#67
4-Bromophenyl-phenylether
Concen: 5.384 ng
RT: 16.355 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

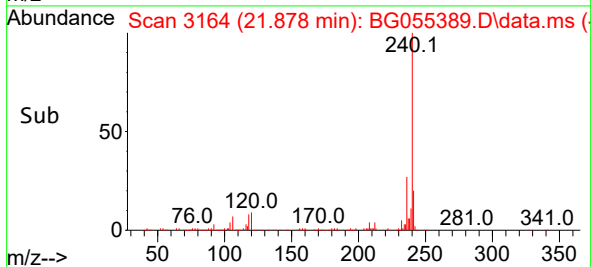
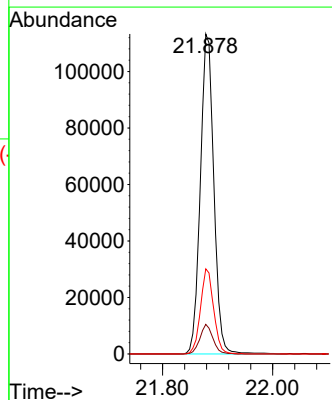
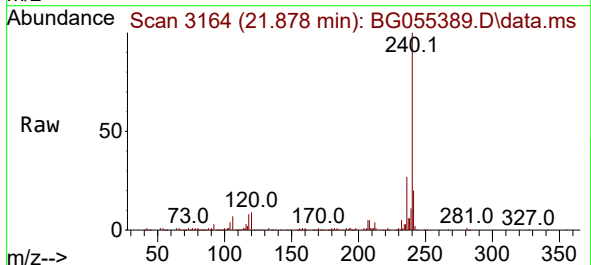
Instrument :
BNA_G
ClientSampleId :
MH-6-WC

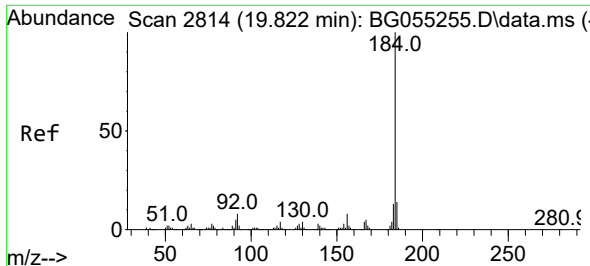
Tgt Ion:248 Resp: 10363
Ion Ratio Lower Upper
248 100
250 191.5 76.0 114.0#
141 443.5 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

Tgt Ion:240 Resp: 192831
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.6 21.0 31.4

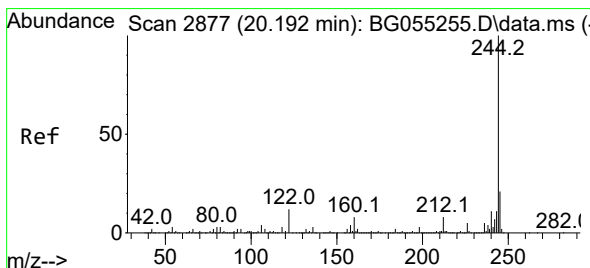
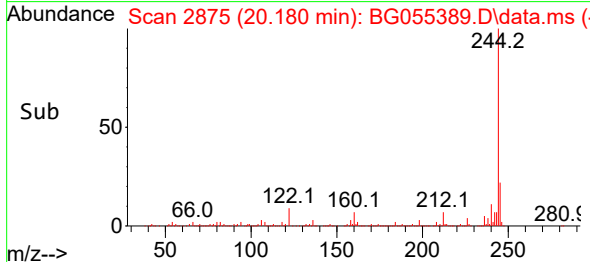
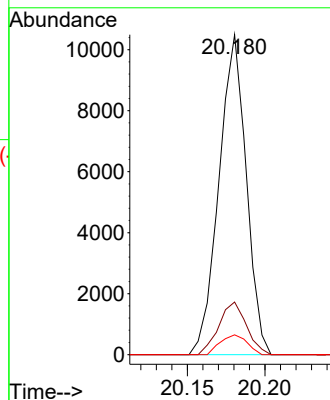
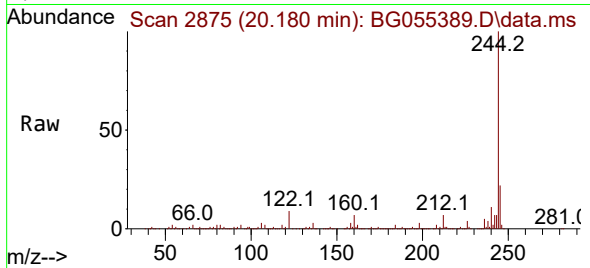




#77
Benzidine
Concen: 2.746 ng
RT: 20.180 min Scan# 2875
Delta R.T. 0.364 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

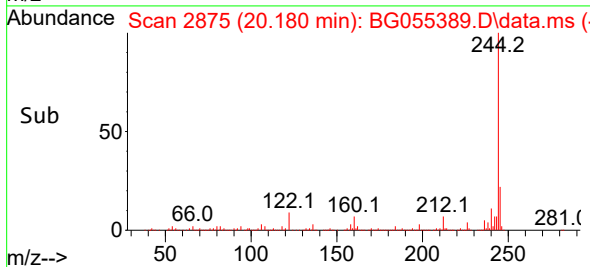
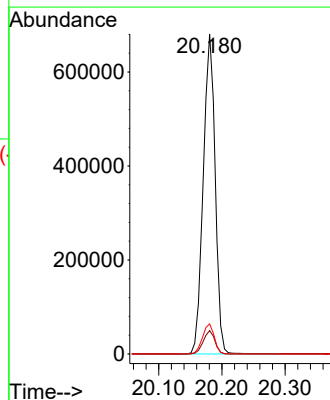
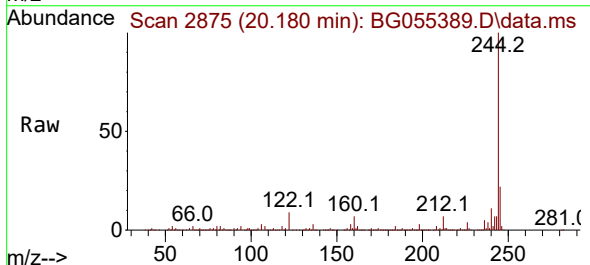
Instrument :
BNA_G
ClientSampleId :
MH-6-WC

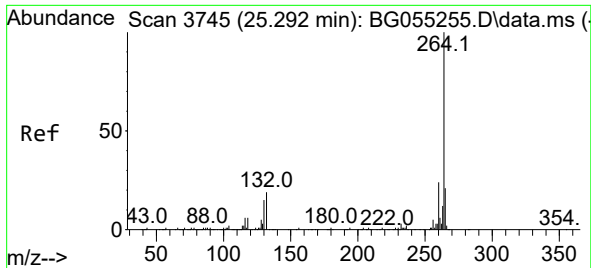
Tgt Ion:184 Resp: 12822
Ion Ratio Lower Upper
184 100
185 16.5 11.0 16.6
183 6.2 10.0 15.0#



#79
Terphenyl-d14
Concen: 96.193 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

Tgt Ion:244 Resp: 892773
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.4 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.274 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055389.D
Acq: 31 Oct 2022 22:00

Instrument :
BNA_G
ClientSampleId :
MH-6-WC

Tgt Ion:264 Resp: 206808

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	23.3	17.4	26.2

