

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056163.D
 Acq On : 29 Dec 2022 20:59
 Operator : CG/JU
 Sample : N6226-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP01

Quant Time: Dec 30 04:08:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

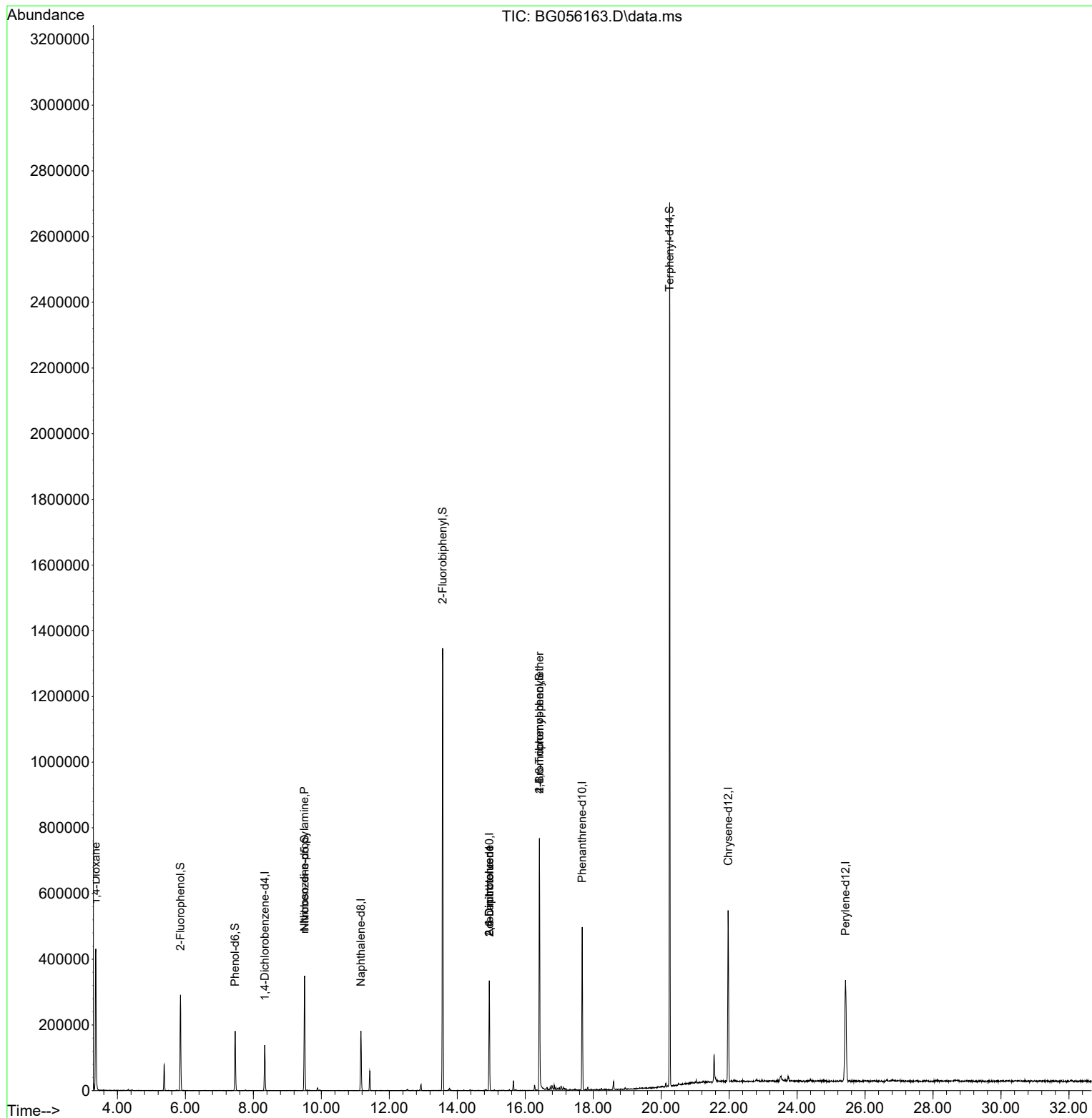
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	43949	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	153654	20.000	ng	# 0.00
39) Acenaphthene-d10	14.945	164	128428	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	350780	20.000	ng	0.00
76) Chrysene-d12	21.972	240	365562	20.000	ng	0.00
86) Perylene-d12	25.426	264	394877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	160701	65.287	ng	0.00
7) Phenol-d6	7.465	99	140205	37.091	ng	0.00
23) Nitrobenzene-d5	9.510	82	252779	84.150	ng	0.00
42) 2,4,6-Tribromophenol	16.419	330	160959	98.959	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	801307	86.159	ng	0.00
79) Terphenyl-d14	20.250	244	1436978	70.404	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	6576	5.849	ng	# 1
19) n-Nitroso-di-n-propyla...	9.504	70	32136	13.981	ng	# 75
51) 2,6-Dinitrotoluene	14.945	165	17116	7.748	ng	# 32
57) 2,4-Dinitrotoluene	14.945	165	17116	5.540	ng	# 29
67) 4-Bromophenyl-phenylether	16.419	248	13455	3.012	ng	# 1

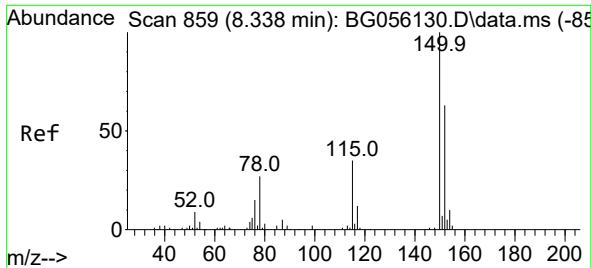
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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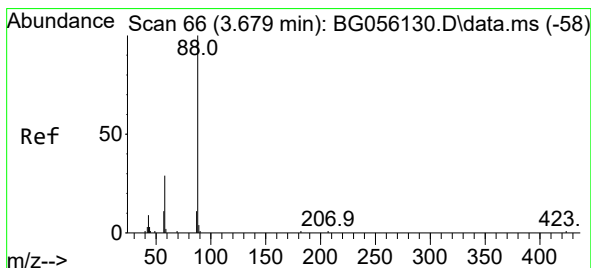
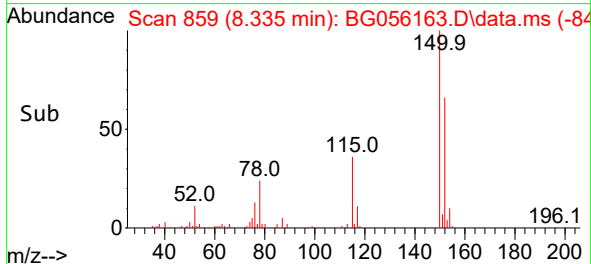
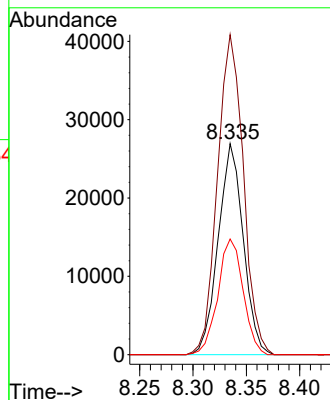
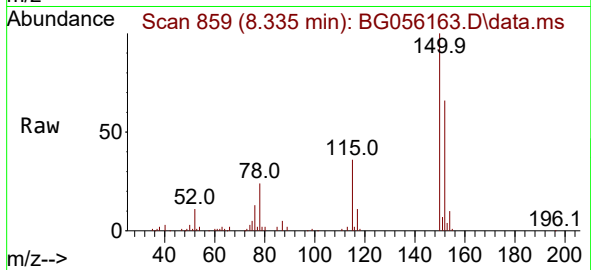




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.335 min Scan# 8
 Delta R.T. -0.003 min
 Lab File: BG056163.D
 Acq: 29 Dec 2022 20:59

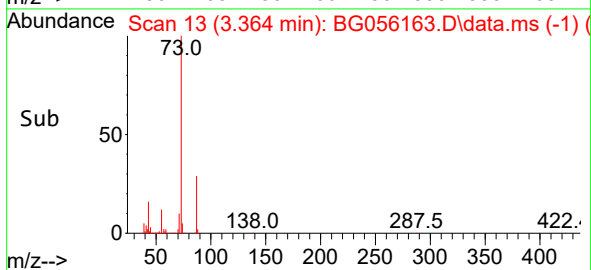
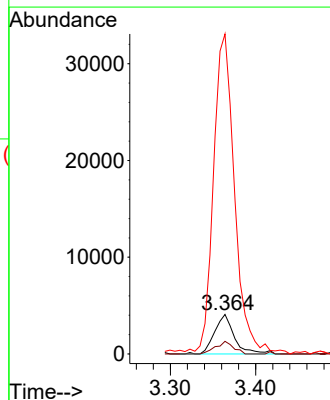
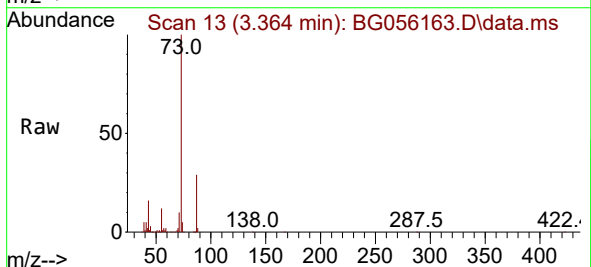
Instrument :
 BNA_G
 ClientSampleId :
 TWP01

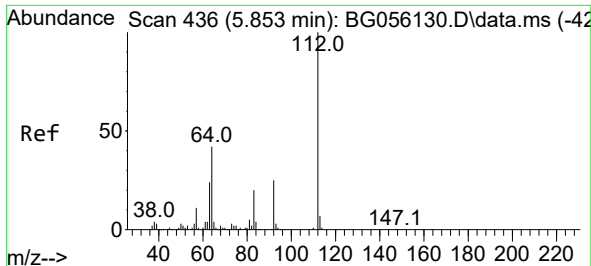
Tgt Ion:152 Resp: 43949
 Ion Ratio Lower Upper
 152 100
 150 151.7 127.9 191.9
 115 54.8 44.2 66.2



#2
 1,4-Dioxane
 Concen: 5.849 ng
 RT: 3.364 min Scan# 13
 Delta R.T. -0.315 min
 Lab File: BG056163.D
 Acq: 29 Dec 2022 20:59

Tgt Ion: 88 Resp: 6576
 Ion Ratio Lower Upper
 88 100
 58 28.5 21.4 32.0
 43 867.3 7.1 10.7#

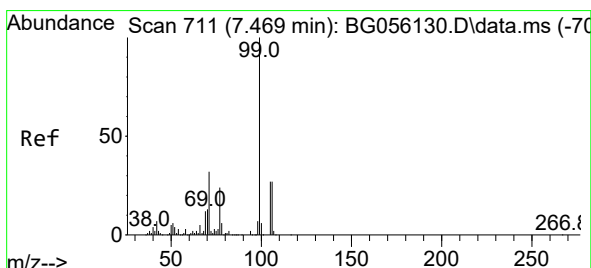
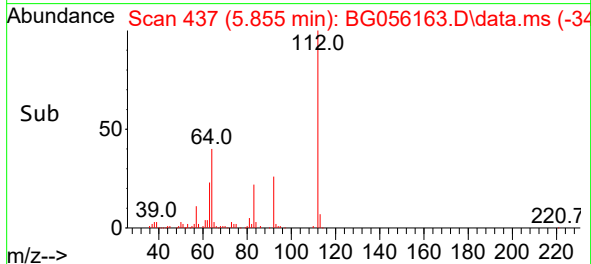
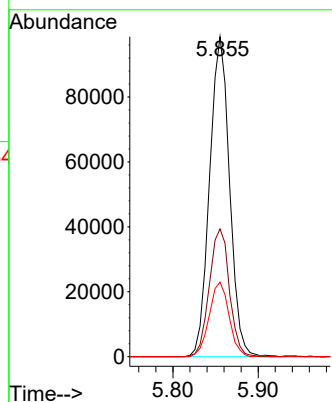
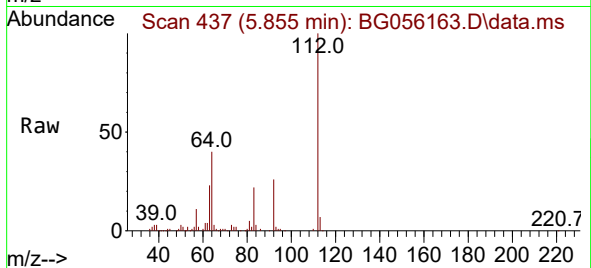




#5
2-Fluorophenol
Concen: 65.287 ng
RT: 5.855 min Scan# 436
Delta R.T. 0.002 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

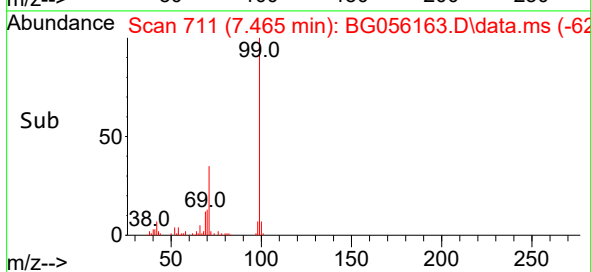
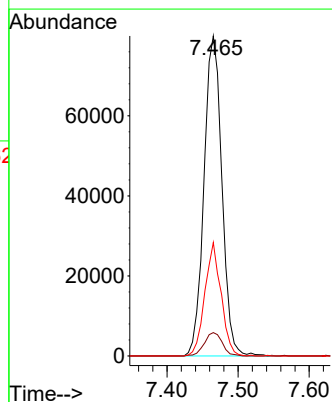
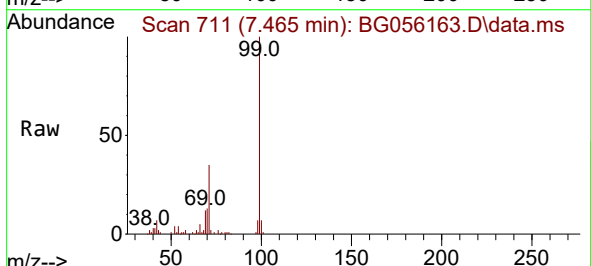
Instrument :
BNA_G
ClientSampleId :
TWP01

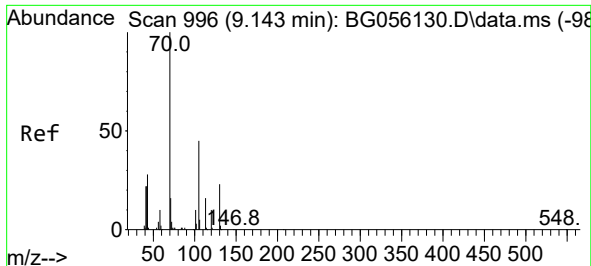
Tgt Ion:112 Resp: 160701
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 23.3 19.0 28.4



#7
Phenol-d6
Concen: 37.091 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

Tgt Ion: 99 Resp: 140205
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 35.5 25.4 38.2

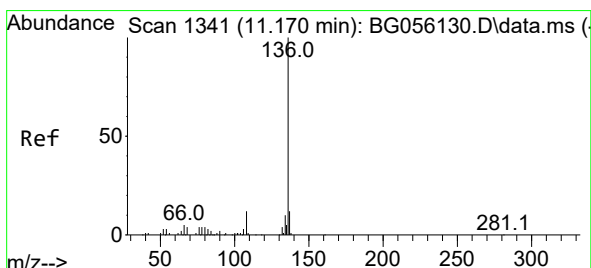
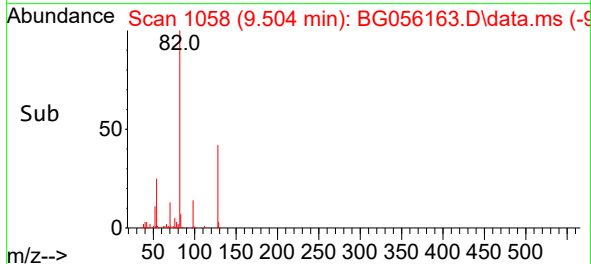
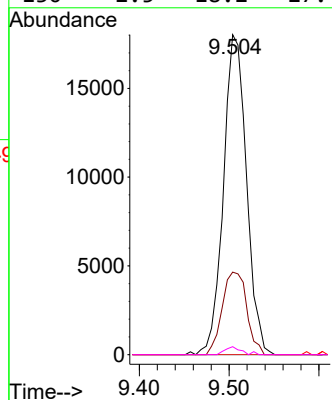
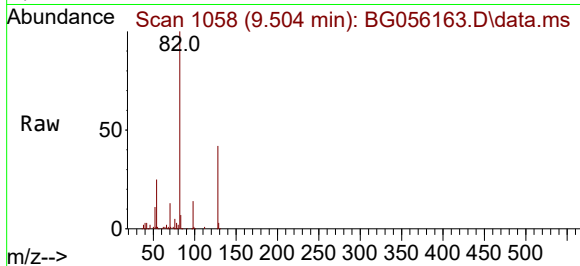




#19
n-Nitroso-di-n-propylamine
Concen: 13.981 ng
RT: 9.504 min Scan# 1058
Delta R.T. 0.361 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

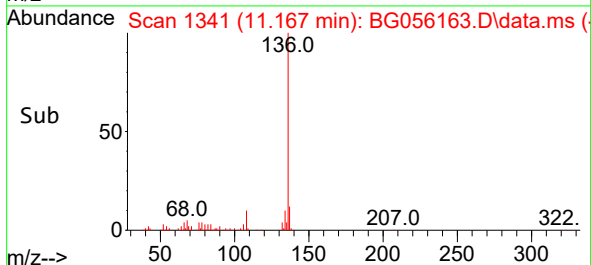
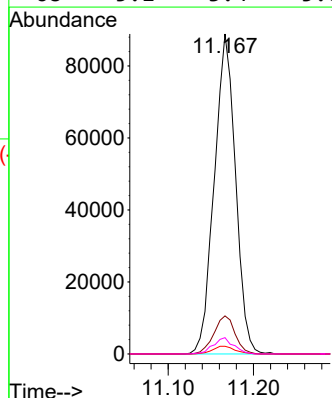
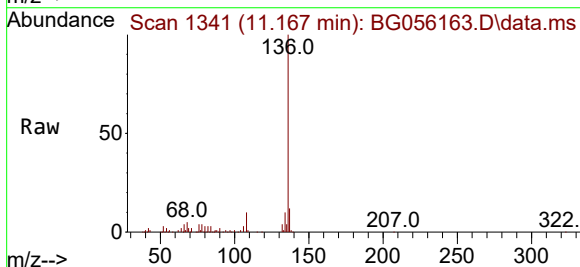
Instrument :
BNA_G
ClientSampleId :
TWP01

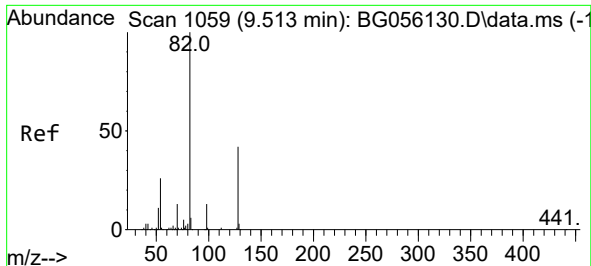
Tgt Ion: 70 Resp: 32136
Ion Ratio Lower Upper
70 100
42 25.8 18.2 27.2
101 0.0 8.3 12.5#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

Tgt Ion:136 Resp: 153654
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 2.4 2.2 3.2
68 5.1 3.4 5.0#

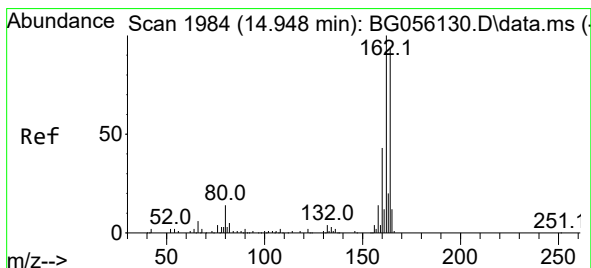
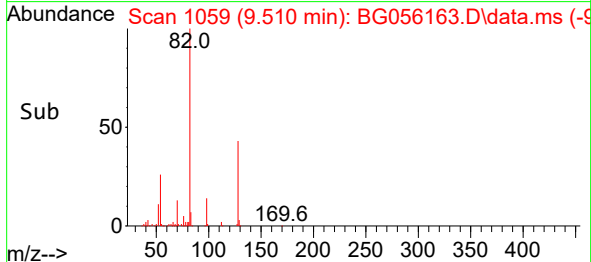
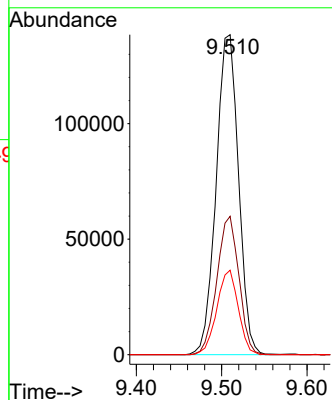
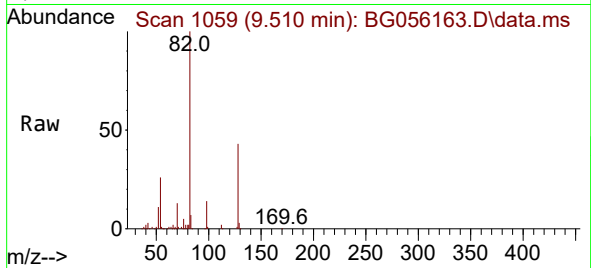




#23
Nitrobenzene-d5
Concen: 84.150 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

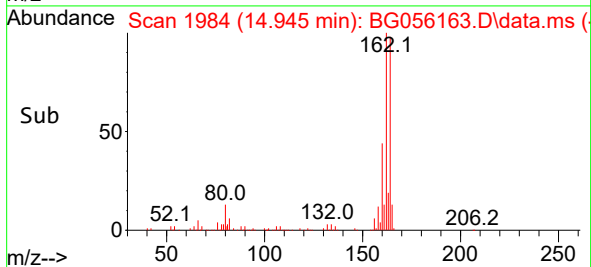
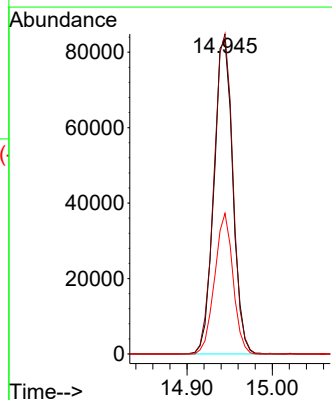
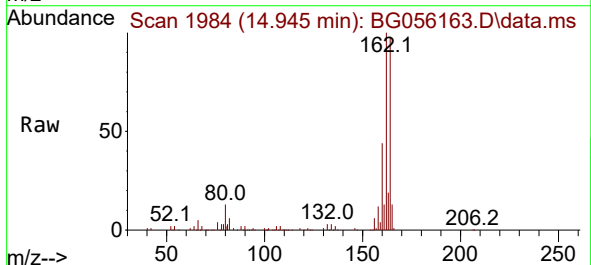
Instrument :
BNA_G
ClientSampleId :
TWP01

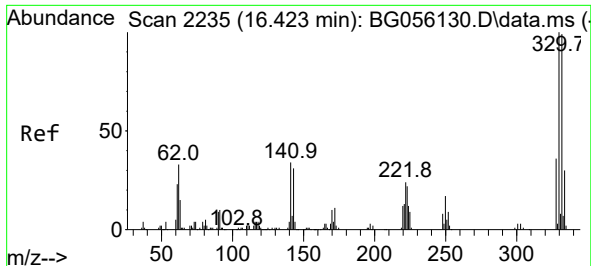
Tgt Ion: 82 Resp: 252779
Ion Ratio Lower Upper
82 100
128 43.3 33.4 50.2
54 26.4 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

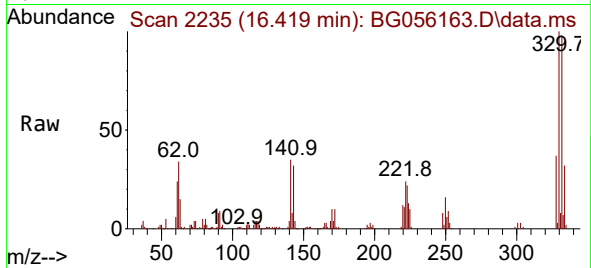
Tgt Ion: 164 Resp: 128428
Ion Ratio Lower Upper
164 100
162 102.0 84.7 127.1
160 44.8 36.3 54.5



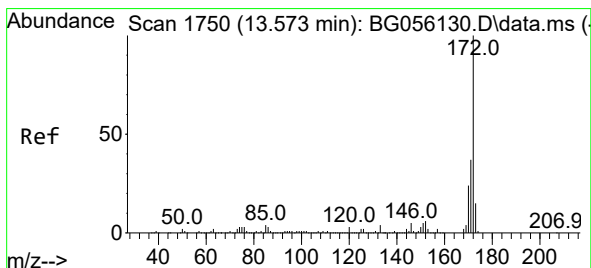
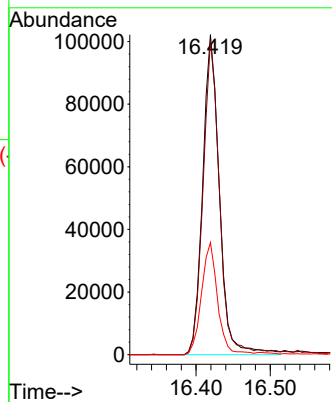
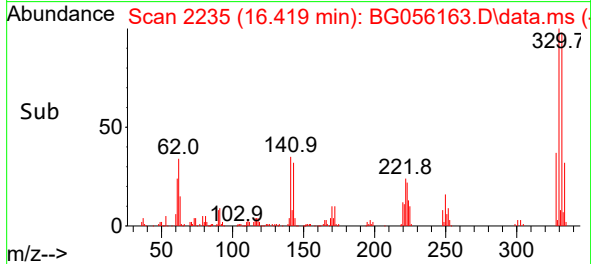


#42
 2,4,6-Tribromophenol
 Concen: 98.959 ng
 RT: 16.419 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056163.D
 Acq: 29 Dec 2022 20:59

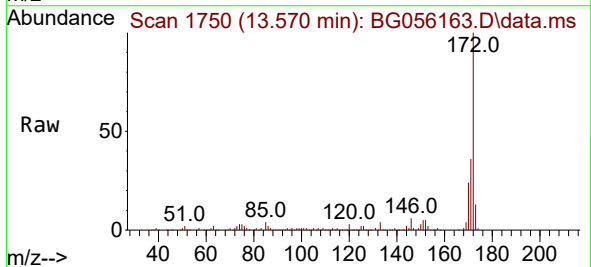
Instrument :
 BNA_G
 ClientSampleId :
 TWP01



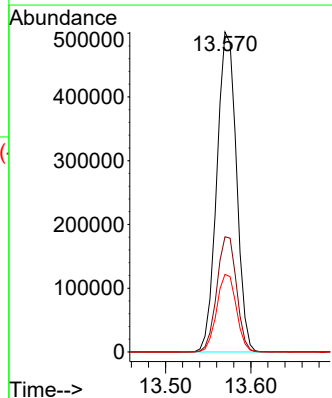
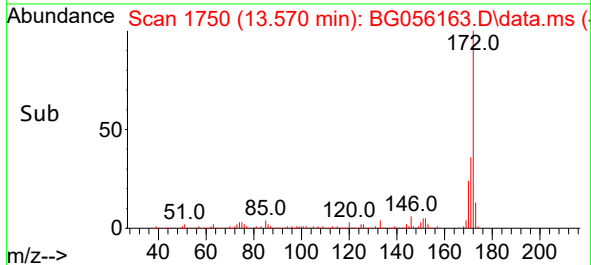
Tgt Ion:330 Resp: 160959
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 33.6 27.9 41.9

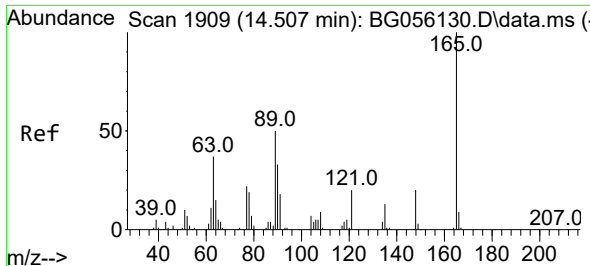


#45
 2-Fluorobiphenyl
 Concen: 86.159 ng
 RT: 13.570 min Scan# 1750
 Delta R.T. -0.003 min
 Lab File: BG056163.D
 Acq: 29 Dec 2022 20:59



Tgt Ion:172 Resp: 801307
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.3 19.4 29.2

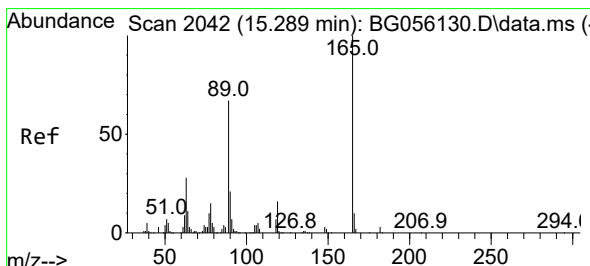
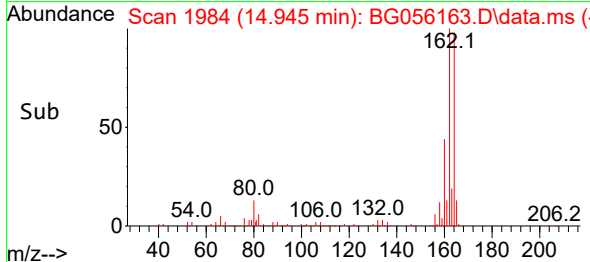
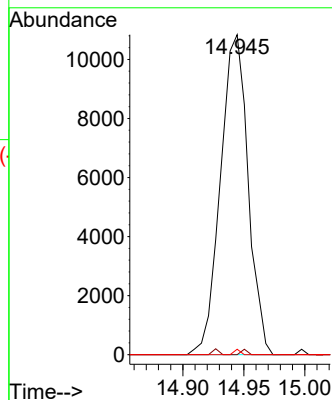
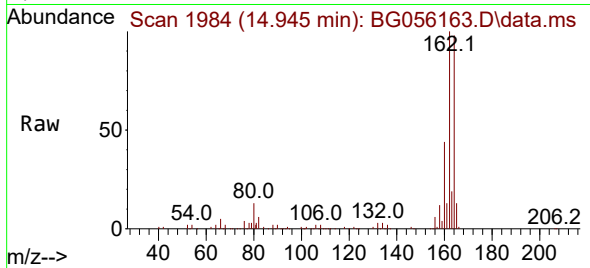




#51
2,6-Dinitrotoluene
Concen: 7.748 ng
RT: 14.945 min Scan# 1909
Delta R.T. 0.437 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

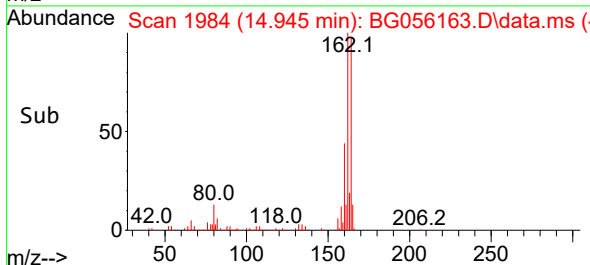
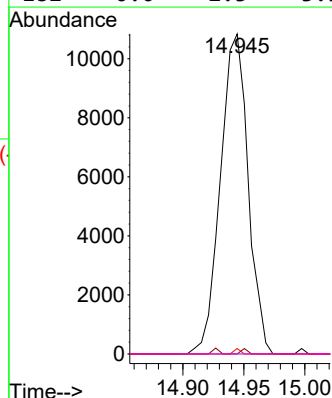
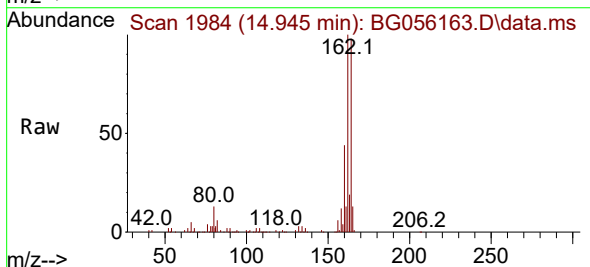
Instrument :
BNA_G
ClientSampleId :
TWP01

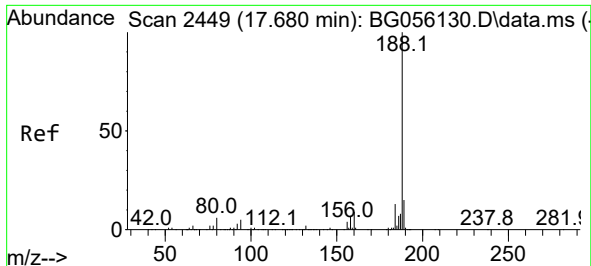
Tgt Ion:165 Resp: 17116
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.7 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.540 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.344 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

Tgt Ion:165 Resp: 17116
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.7 53.2 79.8#
182 0.0 2.3 3.5#

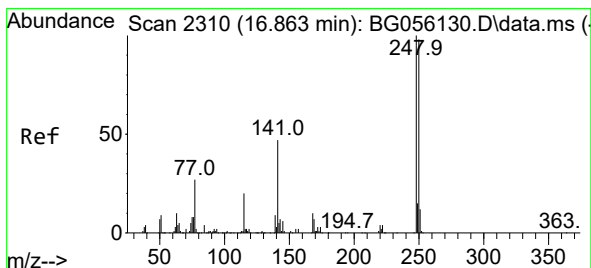
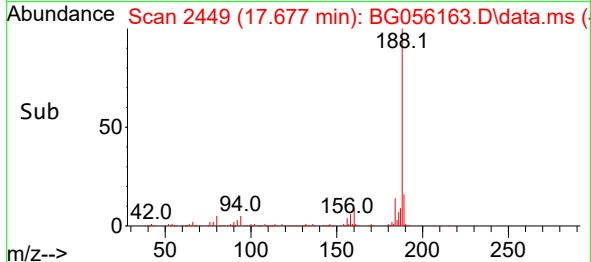
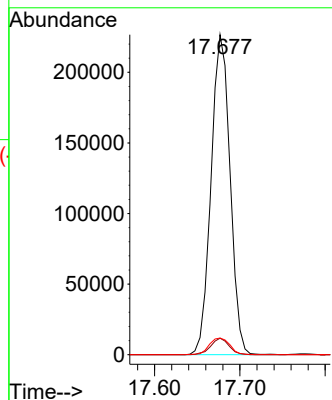
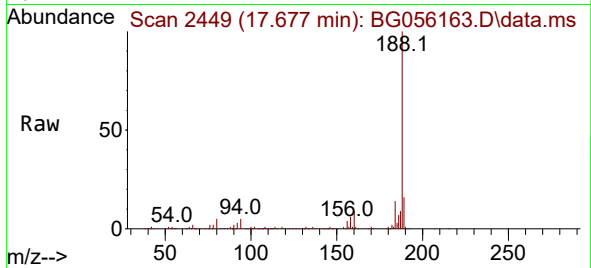




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.677 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

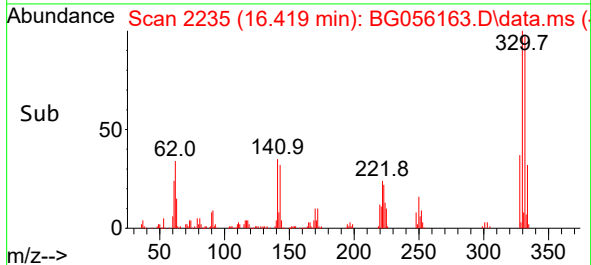
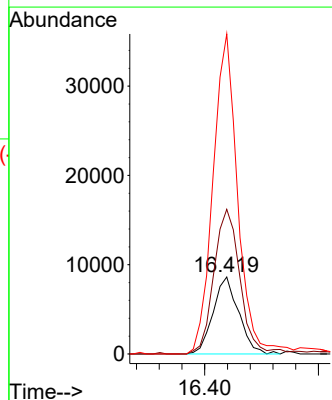
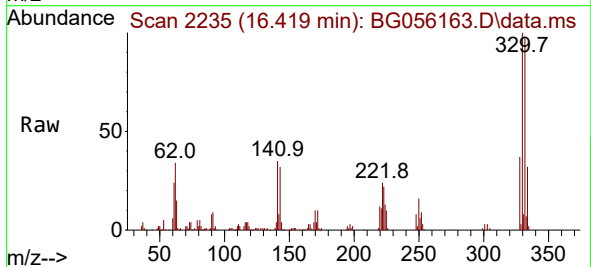
Instrument :
BNA_G
ClientSampleId :
TWP01

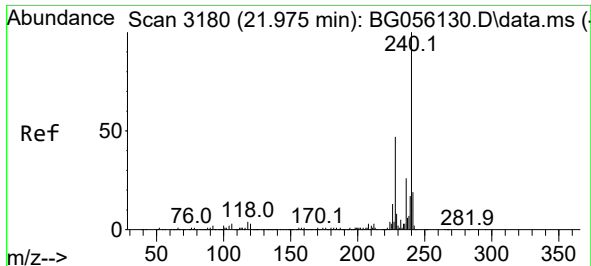
Tgt Ion:188 Resp: 350780
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.2 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.012 ng
RT: 16.419 min Scan# 2235
Delta R.T. -0.444 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

Tgt Ion:248 Resp: 13455
Ion Ratio Lower Upper
248 100
250 187.9 78.2 117.4#
141 415.8 37.6 56.4#

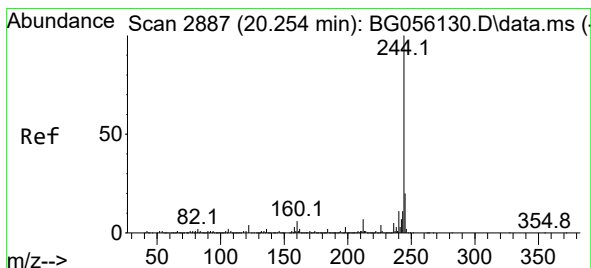
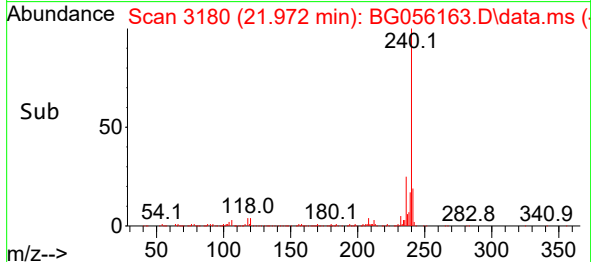
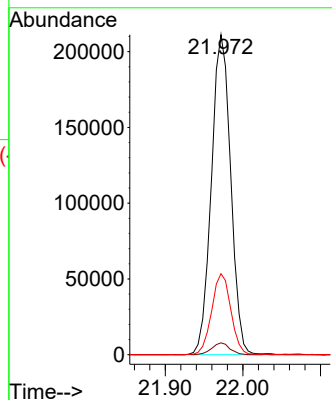
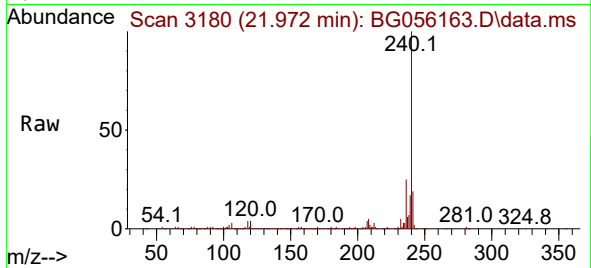




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

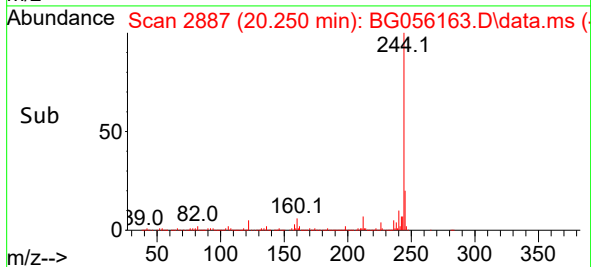
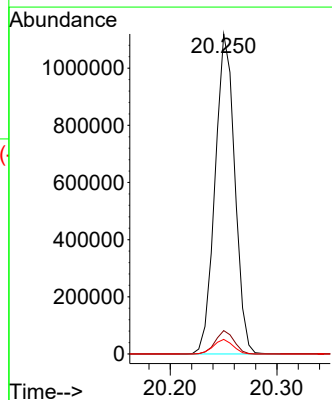
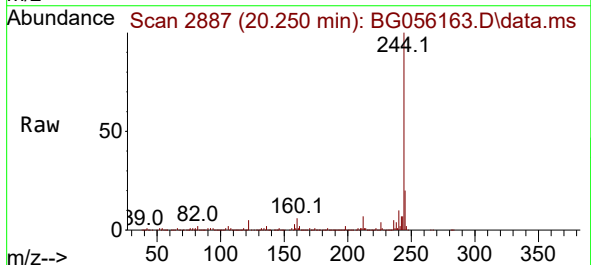
Instrument :
BNA_G
ClientSampleId :
TWP01

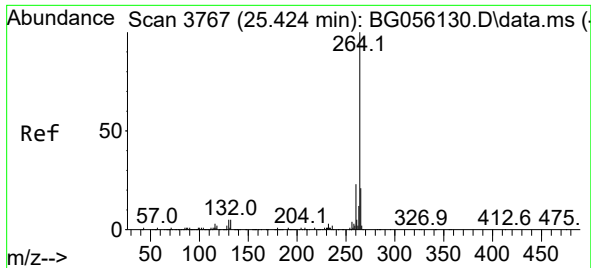
Tgt Ion:240 Resp: 365562
Ion Ratio Lower Upper
240 100
120 3.7 2.6 4.0
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 70.404 ng
RT: 20.250 min Scan# 2887
Delta R.T. -0.003 min
Lab File: BG056163.D
Acq: 29 Dec 2022 20:59

Tgt Ion:244 Resp: 1436978
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 4.5 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.426 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: BG056163.D
 Acq: 29 Dec 2022 20:59

Instrument :
 BNA_G
 ClientSampleId :
 TWP01

Tgt Ion:264 Resp: 394877
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 20.9 16.7 25.1

