

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055158.D
 Acq On : 13 Oct 2022 10:47
 Operator : CG/JU
 Sample : PB148265BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148265BL

Quant Time: Oct 14 01:20:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

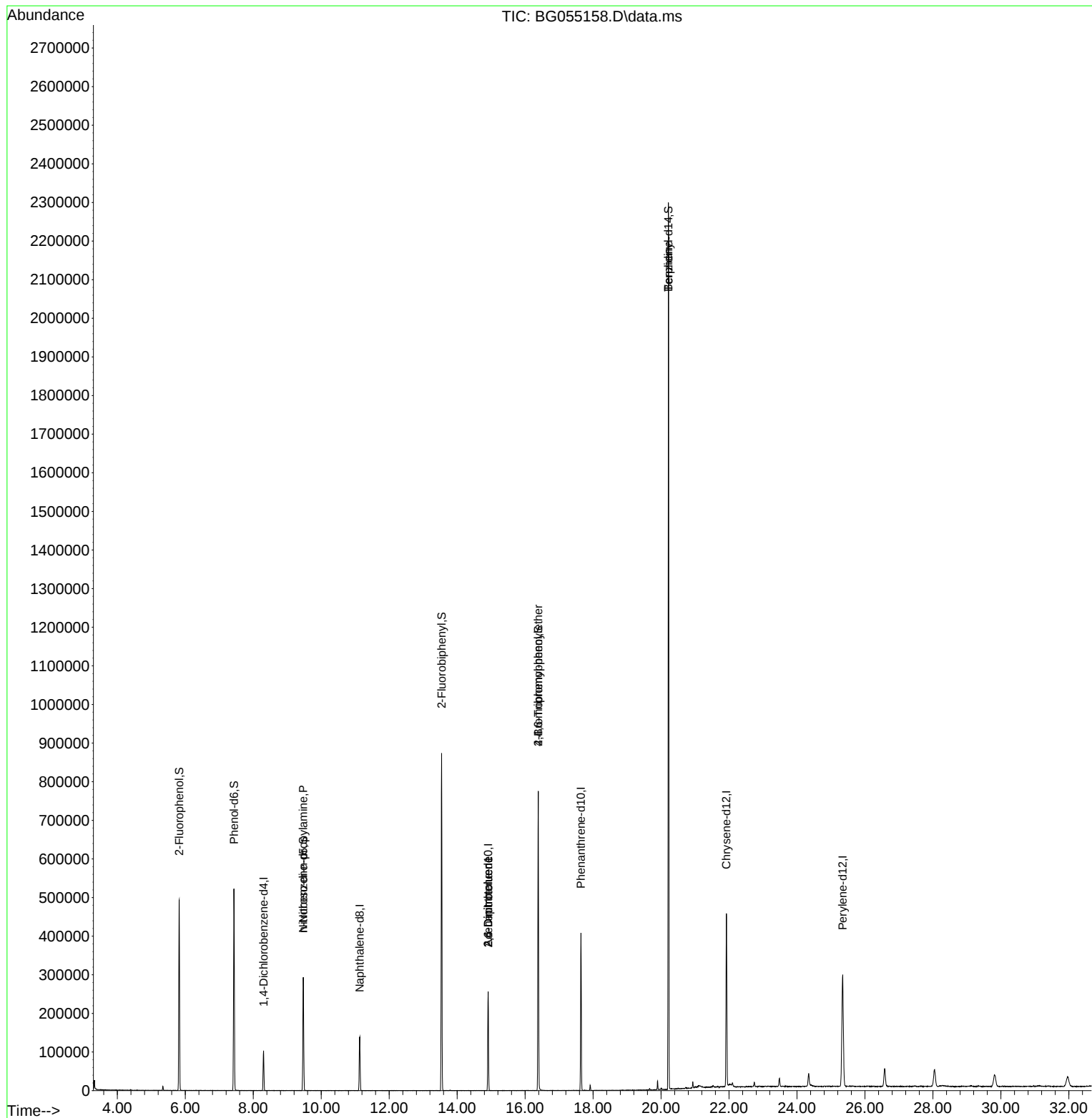
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	28903	20.000	ng	0.00
21) Naphthalene-d8	11.133	136	123584	20.000	ng	0.00
39) Acenaphthene-d10	14.911	164	90792	20.000	ng	0.00
64) Phenanthrene-d10	17.643	188	251110	20.000	ng	0.00
76) Chrysene-d12	21.920	240	300230	20.000	ng	# 0.00
86) Perylene-d12	25.346	264	305958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	212987	144.173	ng	0.00
7) Phenol-d6	7.431	99	284346	130.116	ng	0.00
23) Nitrobenzene-d5	9.470	82	176915	76.765	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	156306	119.814	ng	0.00
45) 2-Fluorobiphenyl	13.542	172	441132	79.370	ng	0.00
79) Terphenyl-d14	20.216	244	1161738	77.932	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.470	70	24115	13.673	ng	# 76
51) 2,6-Dinitrotoluene	14.911	165	12019	8.003	ng	# 21
57) 2,4-Dinitrotoluene	14.911	165	12019	5.464	ng	# 23
67) 4-Bromophenyl-phenylether	16.386	248	9777	3.572	ng	# 1
77) Benzidine	20.216	184	17950	2.666	ng	# 91

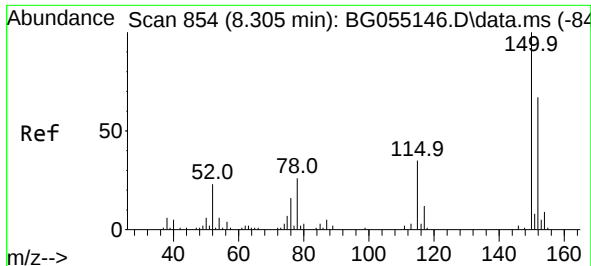
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
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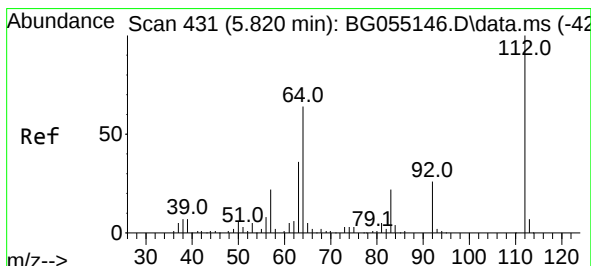
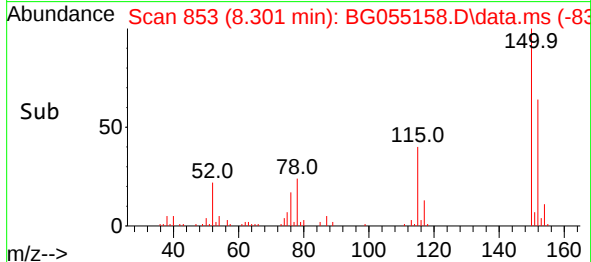
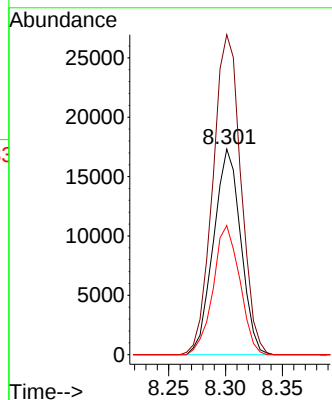
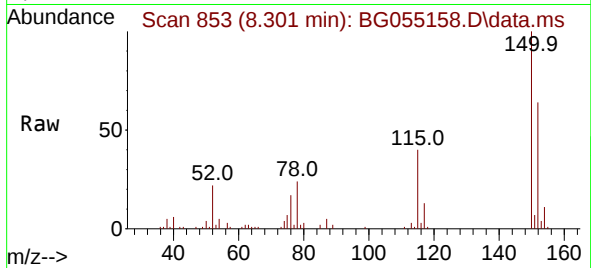




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.301 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

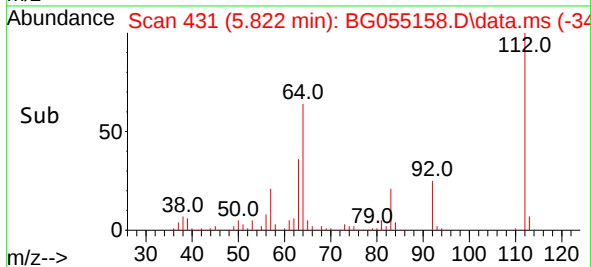
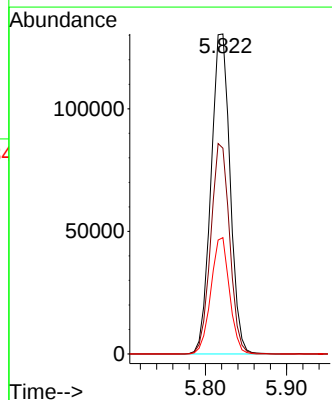
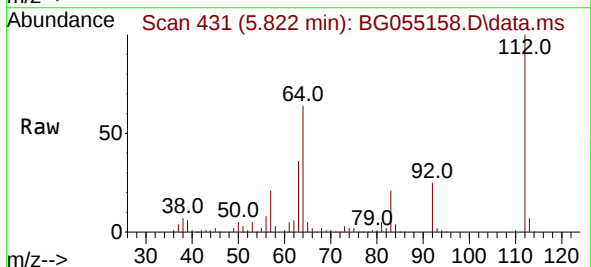
Instrument :
BNA_G
ClientSampleId :
PB148265BL

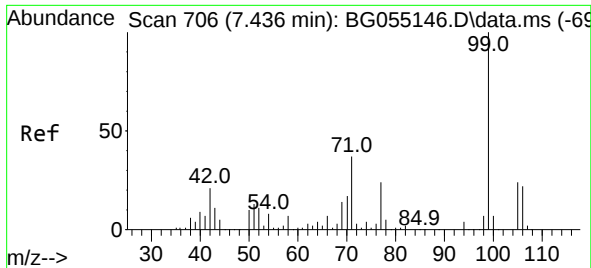
Tgt Ion:152 Resp: 28903
Ion Ratio Lower Upper
152 100
150 155.7 119.7 179.5
115 62.8 42.4 63.6



#5
2-Fluorophenol
Concen: 144.173 ng
RT: 5.822 min Scan# 431
Delta R.T. 0.002 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

Tgt Ion:112 Resp: 212987
Ion Ratio Lower Upper
112 100
64 64.3 50.9 76.3
63 36.4 29.0 43.6

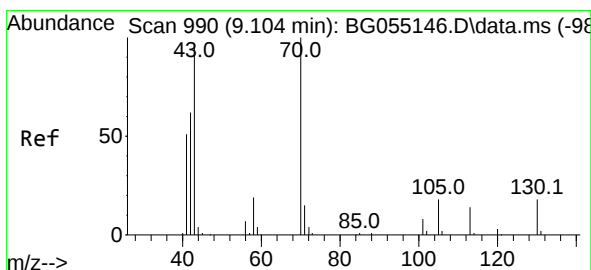
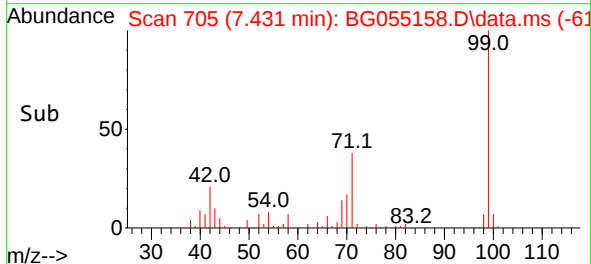
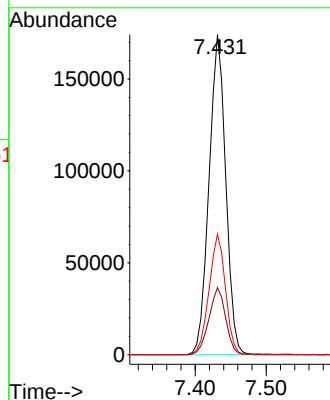
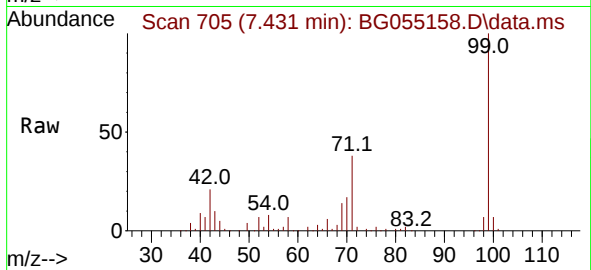




#7
Phenol-d6
Concen: 130.116 ng
RT: 7.431 min Scan# 705
Delta R.T. -0.004 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

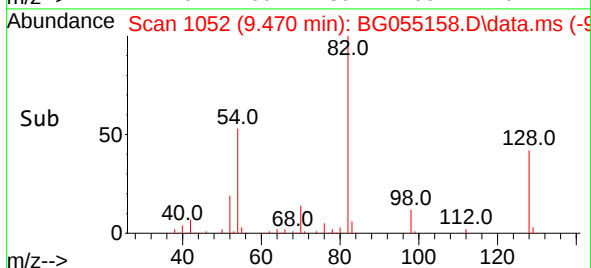
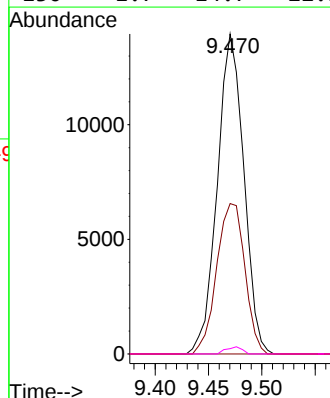
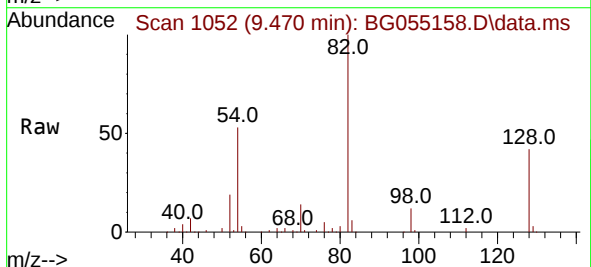
Instrument :
BNA_G
ClientSampleId :
PB148265BL

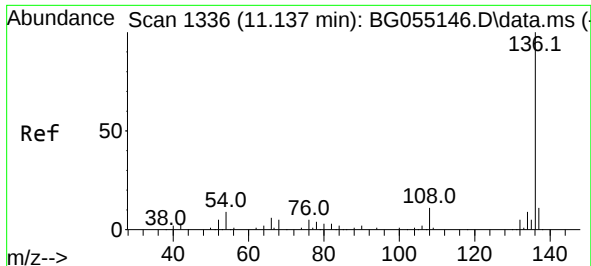
Tgt Ion: 99 Resp: 284346
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 37.7 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.673 ng
RT: 9.470 min Scan# 1052
Delta R.T. 0.366 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

Tgt Ion: 70 Resp: 24115
Ion Ratio Lower Upper
70 100
42 47.0 50.1 75.1#
101 0.0 6.6 10.0#
130 1.7 14.7 22.1#





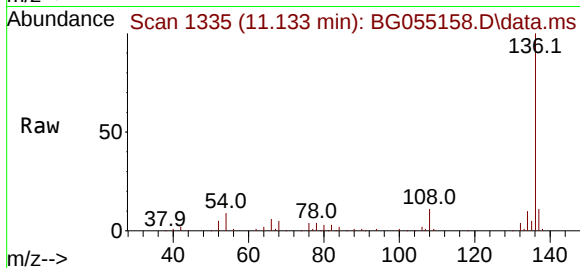
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

Instrument :

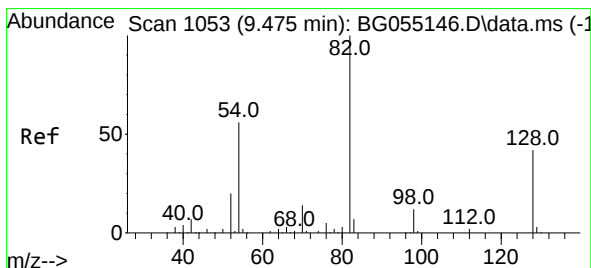
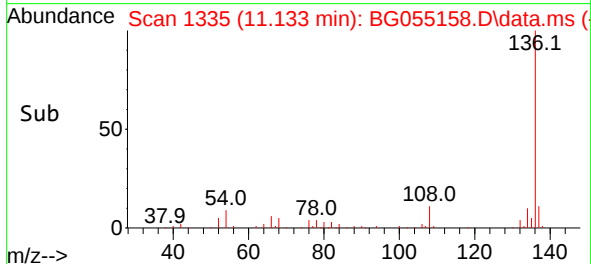
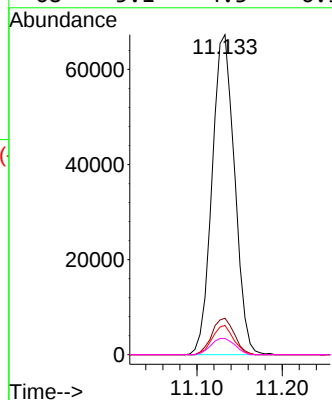
BNA_G

ClientSampleId :

PB148265BL

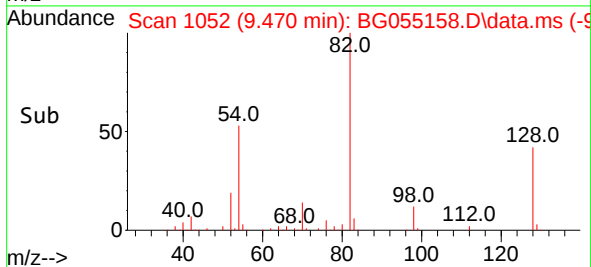
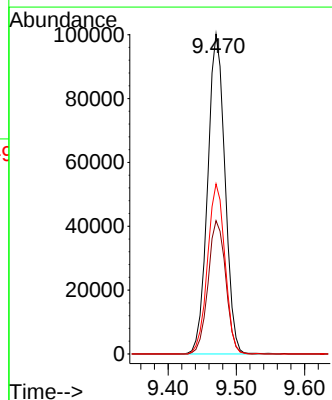
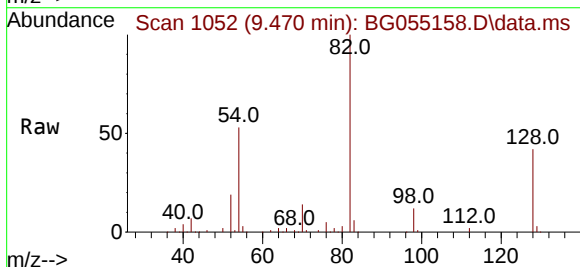


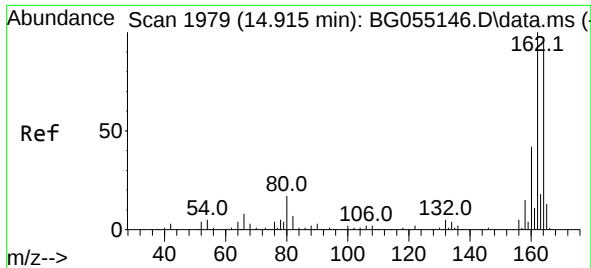
Tgt Ion:136 Resp: 123584
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.1 7.0 10.6
68 5.1 4.3 6.5



#23
Nitrobenzene-d5
Concen: 76.765 ng
RT: 9.470 min Scan# 1052
Delta R.T. -0.004 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

Tgt Ion: 82 Resp: 176915
Ion Ratio Lower Upper
82 100
128 41.7 33.5 50.3
54 53.2 44.7 67.1

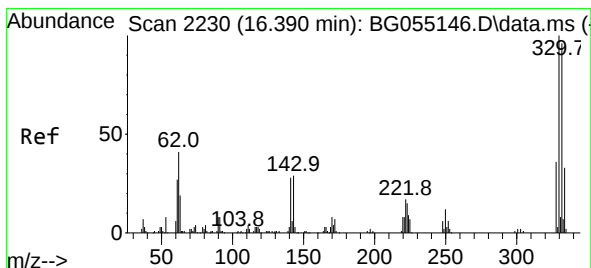
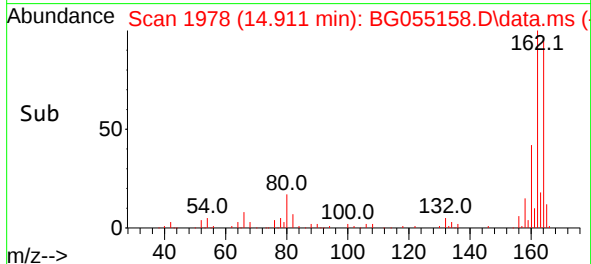
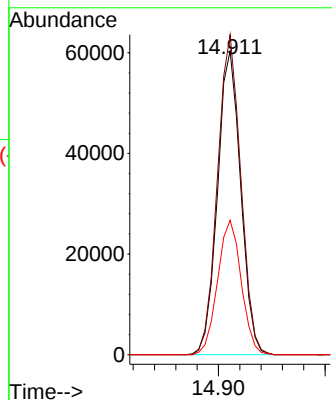
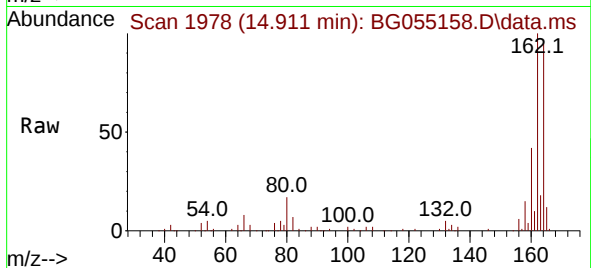




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.911 min Scan# 1979
Delta R.T. -0.004 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

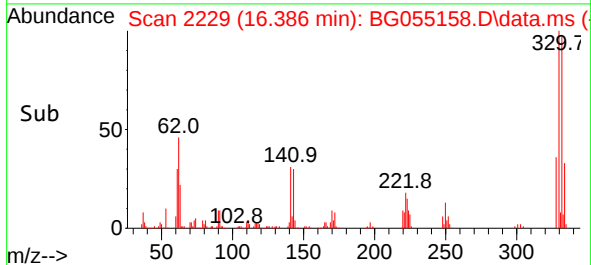
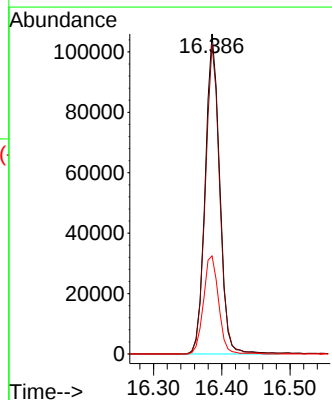
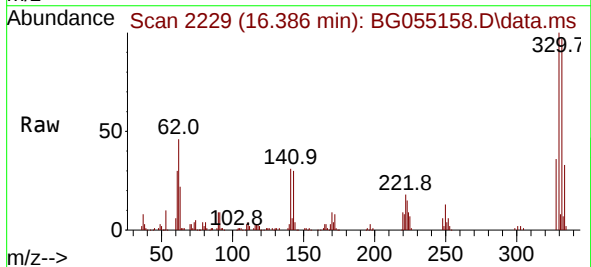
Instrument :
BNA_G
ClientSampleId :
PB148265BL

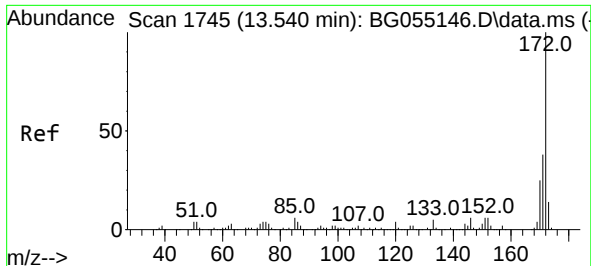
Tgt Ion:164 Resp: 90792
Ion Ratio Lower Upper
164 100
162 105.3 83.3 124.9
160 44.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 119.814 ng
RT: 16.386 min Scan# 2229
Delta R.T. -0.004 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

Tgt Ion:330 Resp: 156306
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 31.9 24.6 36.8

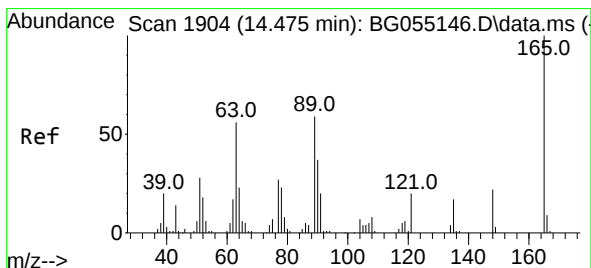
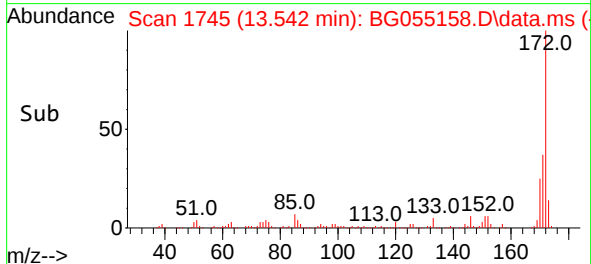
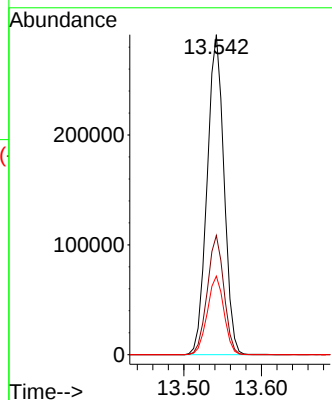
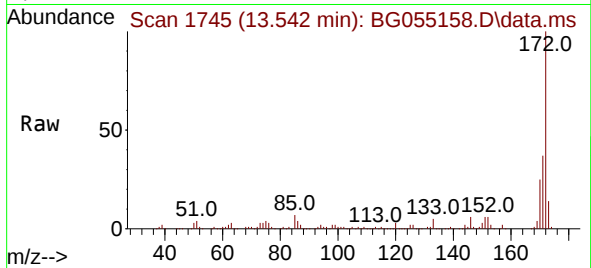




#45
2-Fluorobiphenyl
Concen: 79.370 ng
RT: 13.542 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

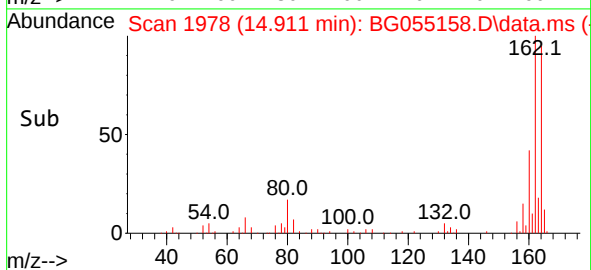
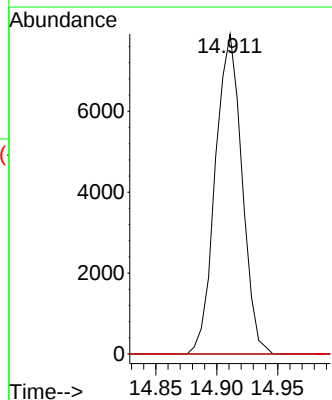
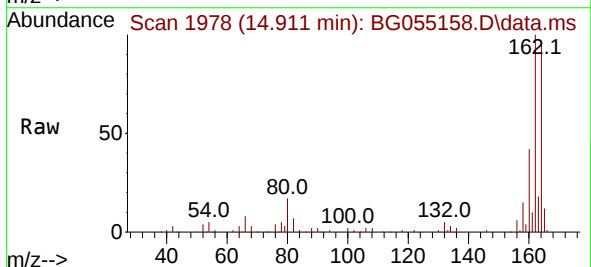
Instrument :
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ClientSampleId :
PB148265BL

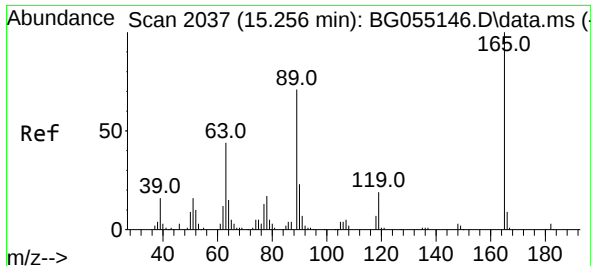
Tgt Ion:172 Resp: 441132
Ion Ratio Lower Upper
172 100
171 37.3 30.1 45.1
170 24.6 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.003 ng
RT: 14.911 min Scan# 1978
Delta R.T. 0.436 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

Tgt Ion:165 Resp: 12019
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 0.0 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.464 ng

RT: 14.911 min Scan# 1978

Delta R.T. -0.345 min

Lab File: BG055158.D

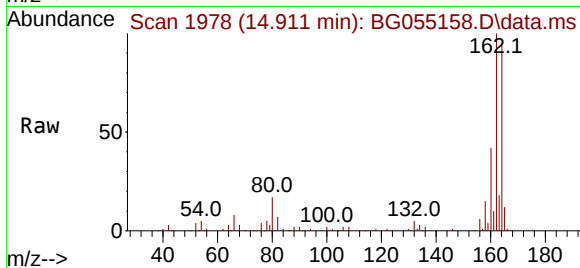
Acq: 13 Oct 2022 10:47

Instrument :

BNA_G

ClientSampleId :

PB148265BL



Tgt Ion:165 Resp: 12019

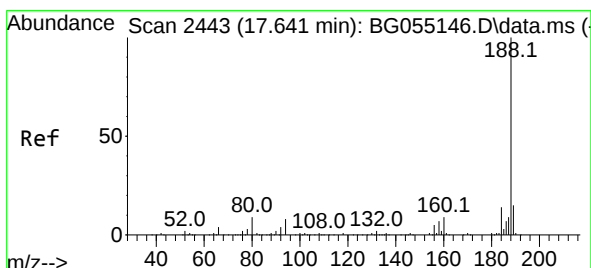
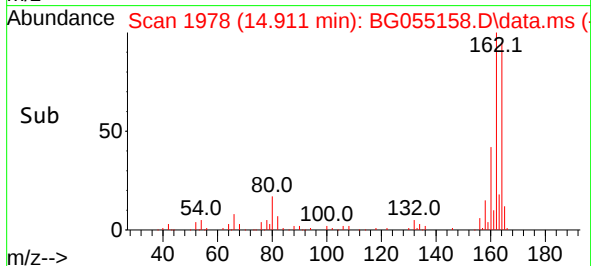
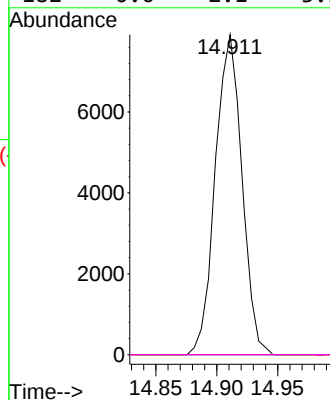
Ion Ratio Lower Upper

165 100

63 0.0 35.6 53.4#

89 0.0 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.643 min Scan# 2443

Delta R.T. 0.002 min

Lab File: BG055158.D

Acq: 13 Oct 2022 10:47

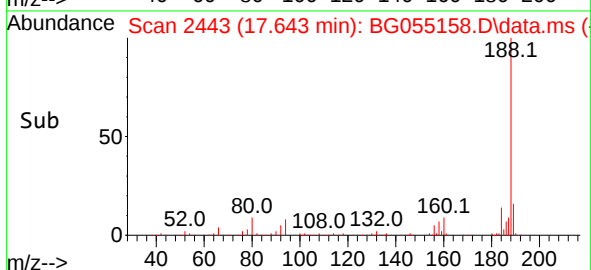
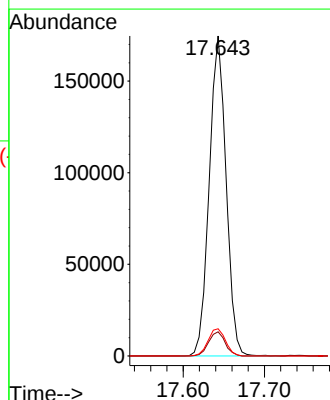
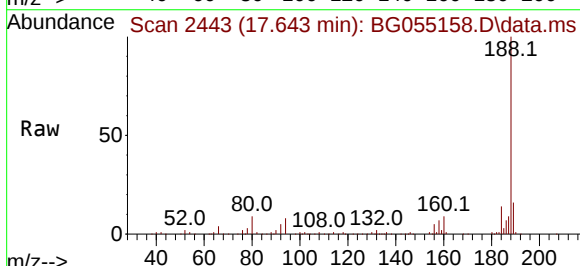
Tgt Ion:188 Resp: 251110

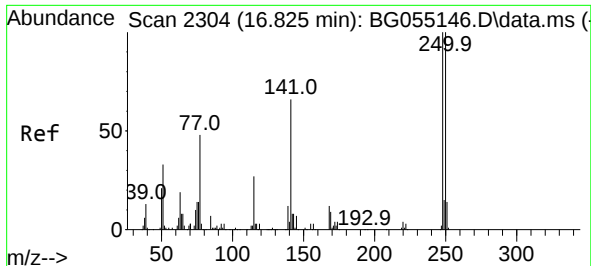
Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.2

80 8.5 7.0 10.6

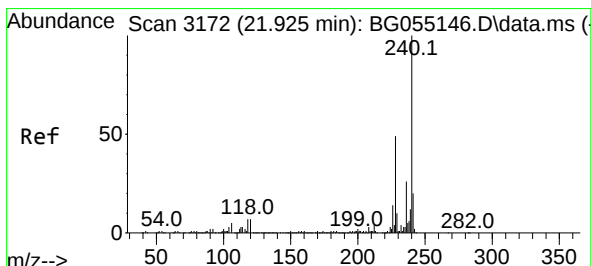
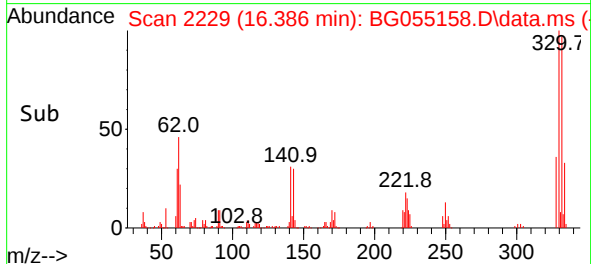
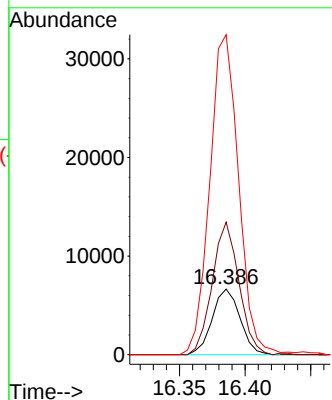
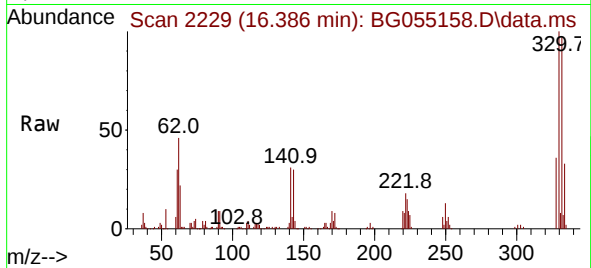




#67
4-Bromophenyl-phenylether
Concen: 3.572 ng
RT: 16.386 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

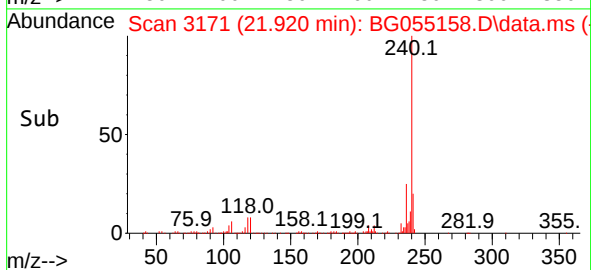
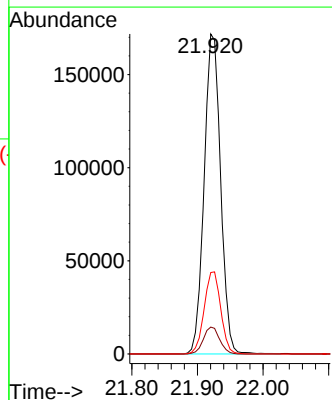
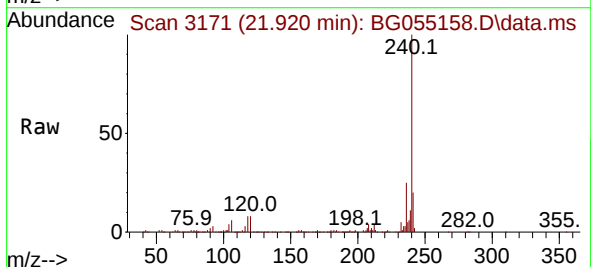
Instrument :
BNA_G
ClientSampleId :
PB148265BL

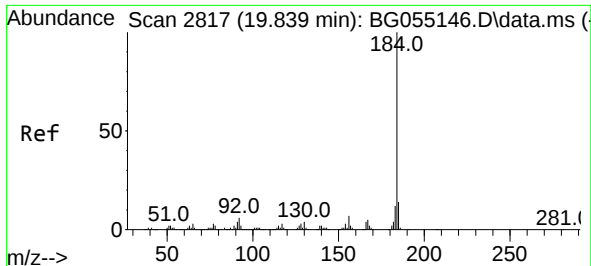
Tgt Ion:248 Resp: 9777
Ion Ratio Lower Upper
248 100
250 201.8 80.1 120.1#
141 487.5 53.1 79.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

Tgt Ion:240 Resp: 300230
Ion Ratio Lower Upper
240 100
120 8.4 5.4 8.0#
236 25.5 20.6 31.0

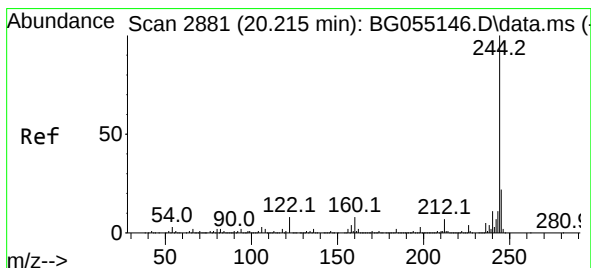
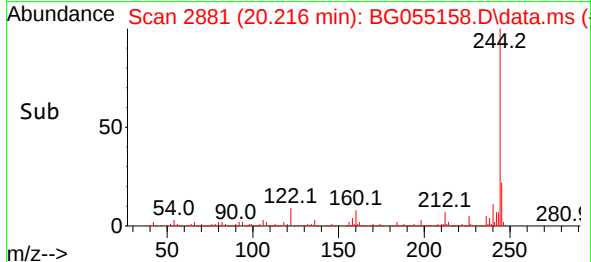
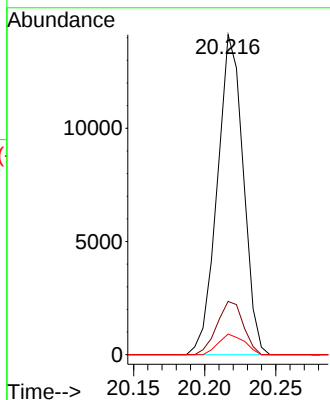
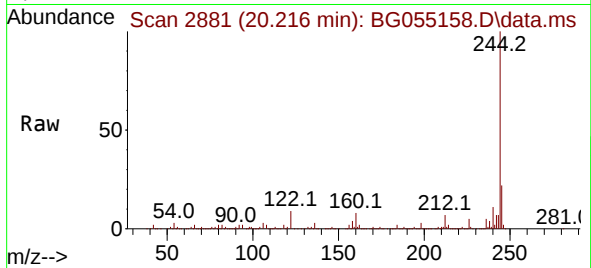




#77
Benzidine
Concen: 2.666 ng
RT: 20.216 min Scan# 2817
Delta R.T. 0.378 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

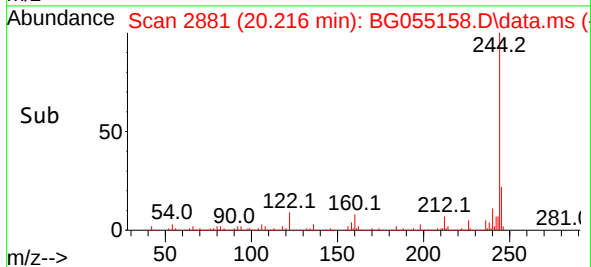
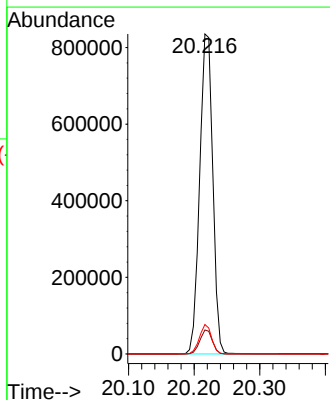
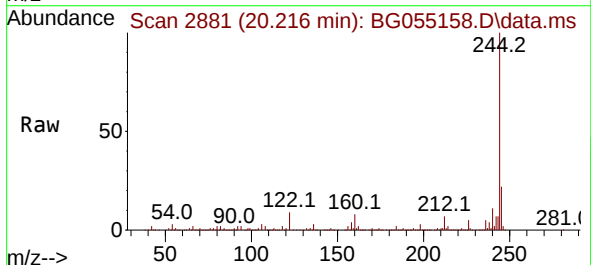
Instrument :
BNA_G
ClientSampleId :
PB148265BL

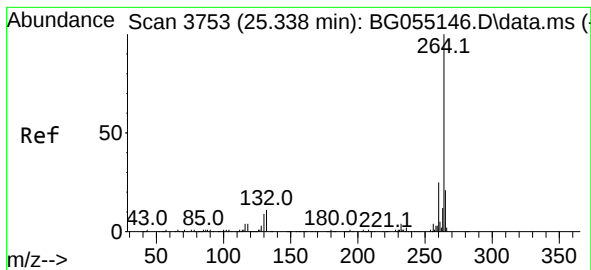
Tgt Ion:184 Resp: 17950
Ion Ratio Lower Upper
184 100
185 16.6 11.5 17.3
183 6.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 77.932 ng
RT: 20.216 min Scan# 2881
Delta R.T. 0.002 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

Tgt Ion:244 Resp: 1161738
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 9.2 6.6 10.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.346 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG055158.D
Acq: 13 Oct 2022 10:47

Instrument :
BNA_G
ClientSampleId :
PB148265BL

Tgt Ion:264 Resp: 305958

Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.1	30.1
265	21.7	16.8	25.2

