

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055175.D
 Acq On : 14 Oct 2022 12:43
 Operator : CG/JU
 Sample : PB148312BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148312BL

Quant Time: Oct 14 13:18:54 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)

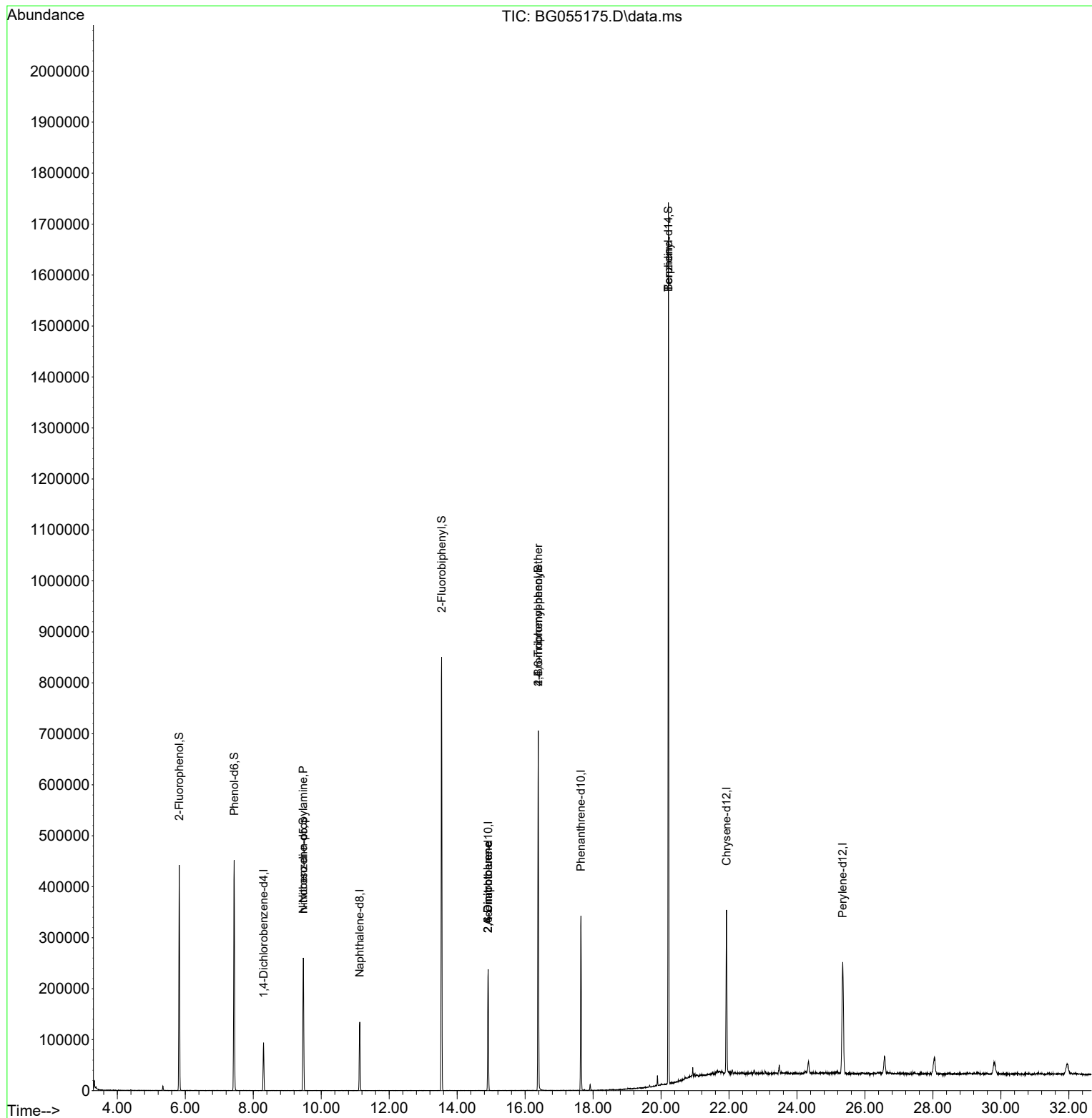
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	27455	20.000	ng	0.00
21) Naphthalene-d8	11.133	136	116592	20.000	ng	0.00
39) Acenaphthene-d10	14.911	164	89096	20.000	ng	0.00
64) Phenanthrene-d10	17.643	188	221321	20.000	ng	0.00
76) Chrysene-d12	21.927	240	214632	20.000	ng	0.00
86) Perylene-d12	25.346	264	229471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	185629	132.281	ng	0.00
7) Phenol-d6	7.438	99	247934	119.438	ng	0.00
23) Nitrobenzene-d5	9.471	82	158136	72.732	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	155199	121.230	ng	0.00
45) 2-Fluorobiphenyl	13.542	172	443395	81.295	ng	0.00
79) Terphenyl-d14	20.217	244	885474	83.089	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.471	70	22475	13.415	ng	# 80
51) 2,6-Dinitrotoluene	14.905	165	11296	7.665	ng	# 21
57) 2,4-Dinitrotoluene	14.905	165	11296	5.233	ng	# 23
67) 4-Bromophenyl-phenylether	16.386	248	9747	4.040	ng	# 1
77) Benzidine	20.217	184	13370	2.778	ng	# 92

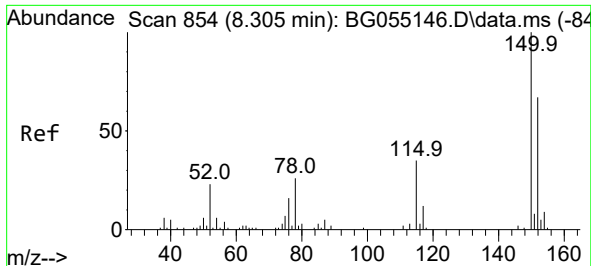
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
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Quant Time: Oct 14 13:18:54 2022
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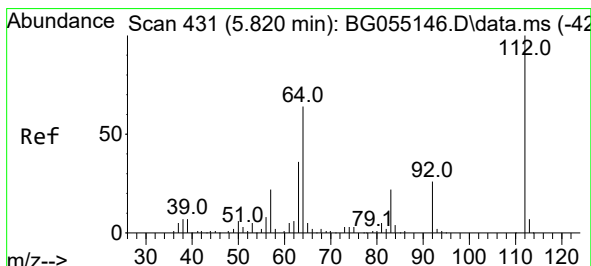
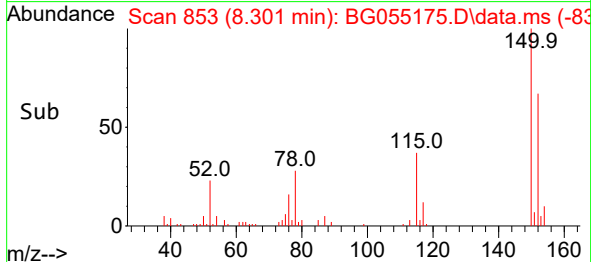
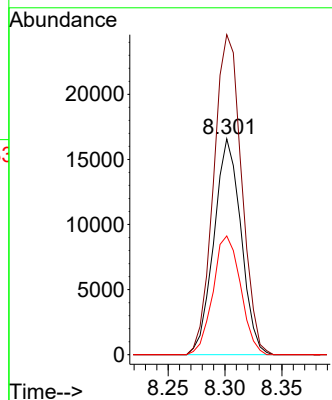
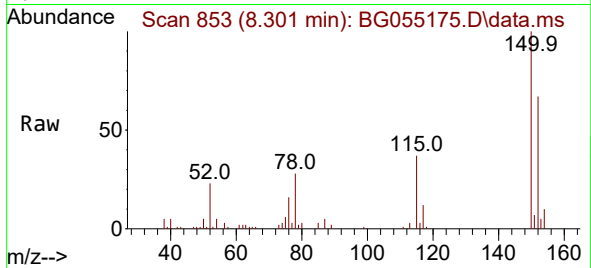




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.301 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

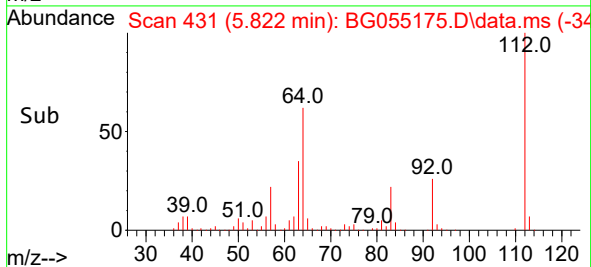
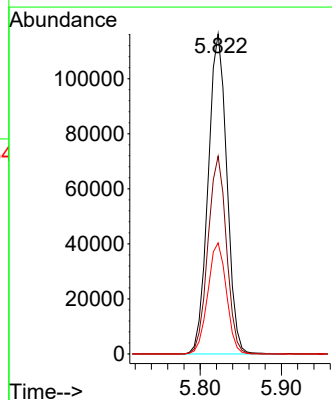
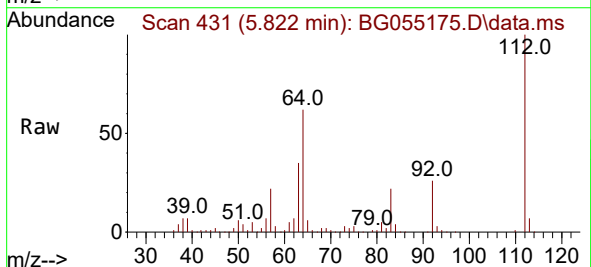
Instrument :
BNA_G
ClientSampleId :
PB148312BL

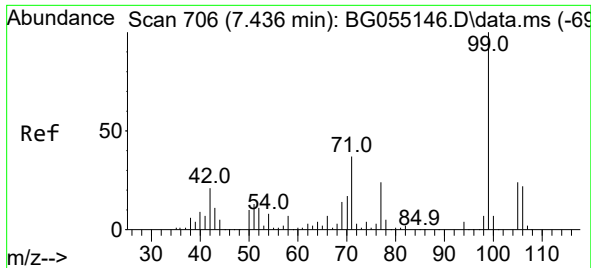
Tgt Ion:152 Resp: 27455
Ion Ratio Lower Upper
152 100
150 148.3 119.7 179.5
115 55.0 42.4 63.6



#5
2-Fluorophenol
Concen: 132.281 ng
RT: 5.822 min Scan# 431
Delta R.T. 0.002 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

Tgt Ion:112 Resp: 185629
Ion Ratio Lower Upper
112 100
64 61.8 50.9 76.3
63 34.7 29.0 43.6

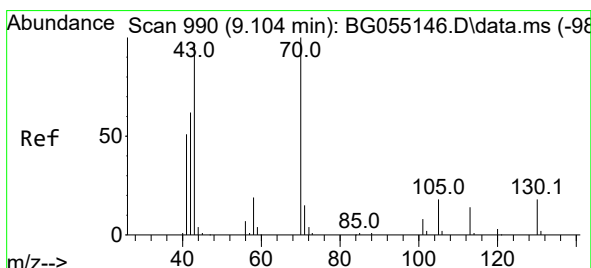
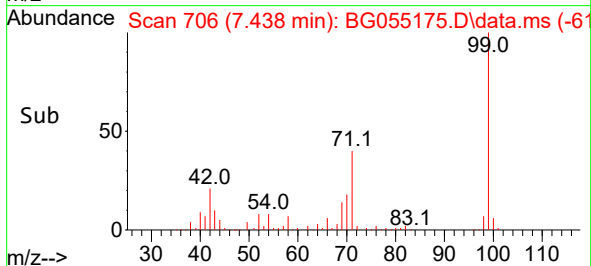
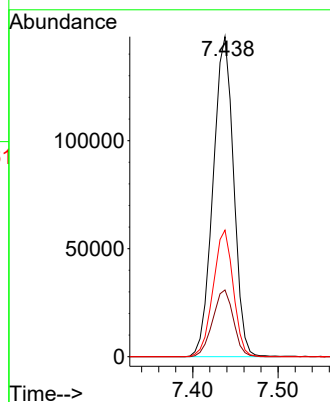
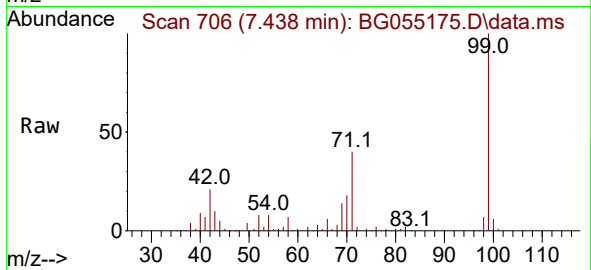




#7
Phenol-d6
Concen: 119.438 ng
RT: 7.438 min Scan# 706
Delta R.T. 0.002 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

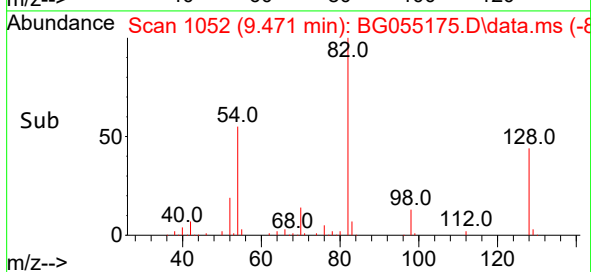
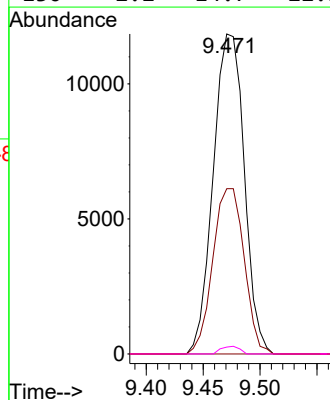
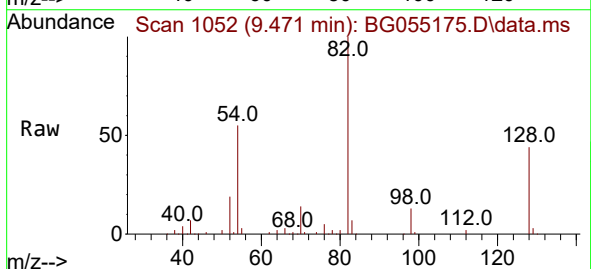
Instrument :
BNA_G
ClientSampleId :
PB148312BL

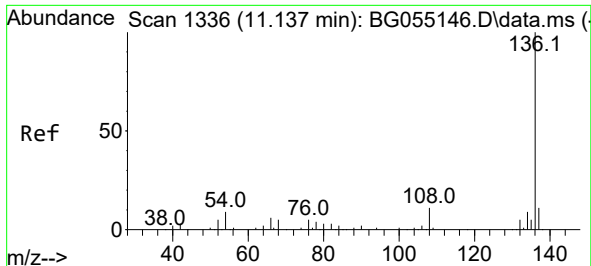
Tgt Ion: 99 Resp: 247934
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 39.5 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.415 ng
RT: 9.471 min Scan# 1052
Delta R.T. 0.366 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

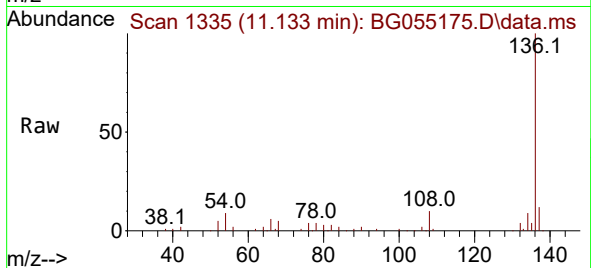
Tgt Ion: 70 Resp: 22475
Ion Ratio Lower Upper
70 100
42 51.6 50.1 75.1
101 0.0 6.6 10.0#
130 2.2 14.7 22.1#



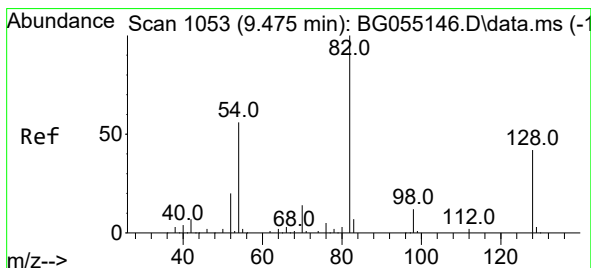
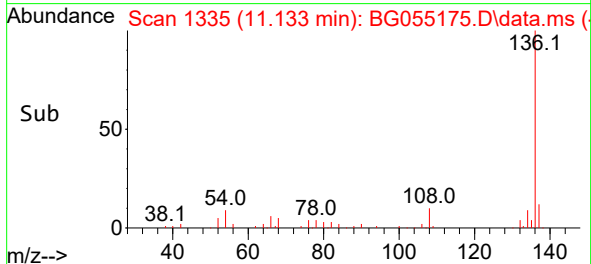
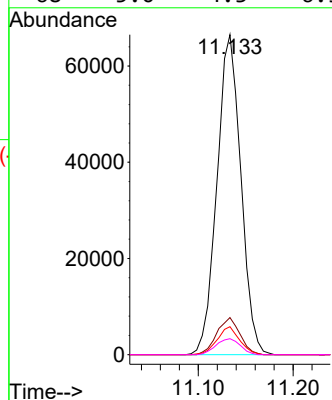


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

Instrument :
BNA_G
ClientSampleId :
PB148312BL

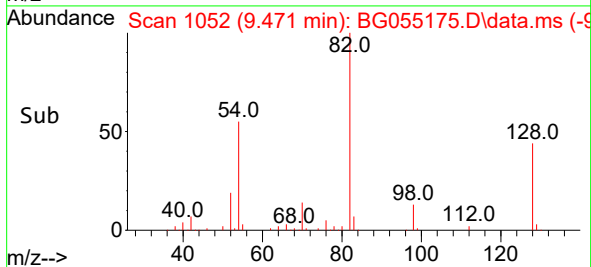
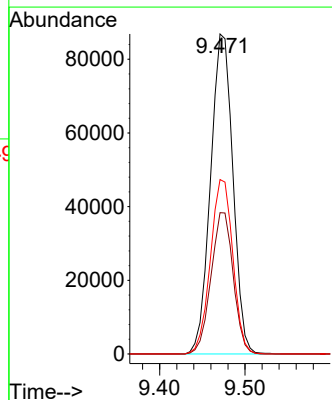
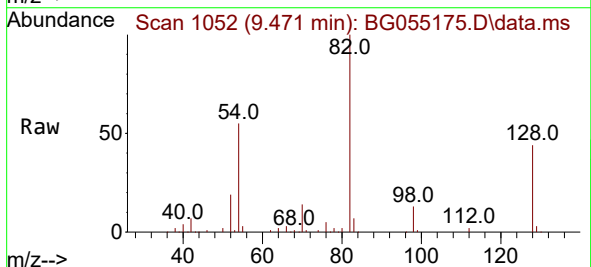


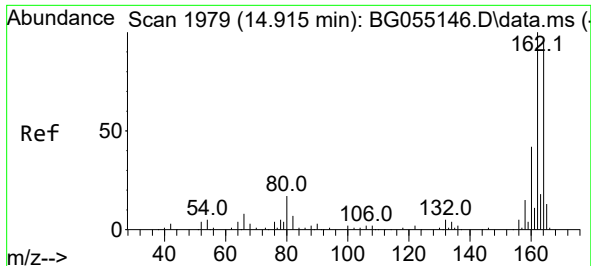
Tgt Ion:136 Resp: 116592
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.7 7.0 10.6
68 5.0 4.3 6.5



#23
Nitrobenzene-d5
Concen: 72.732 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.004 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

Tgt Ion: 82 Resp: 158136
Ion Ratio Lower Upper
82 100
128 44.2 33.5 50.3
54 54.5 44.7 67.1

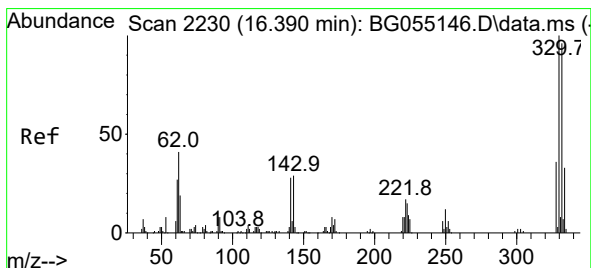
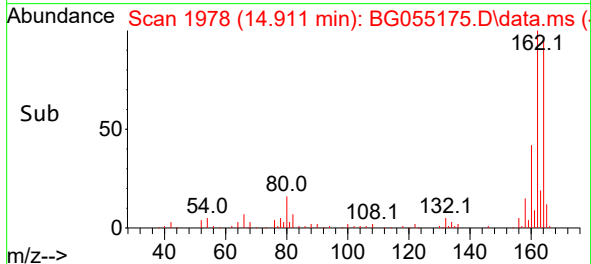
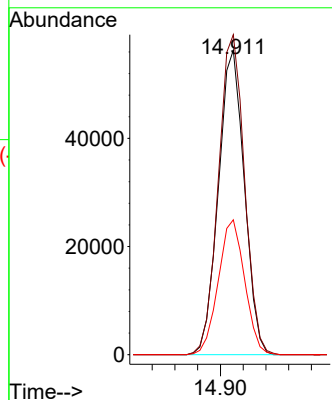
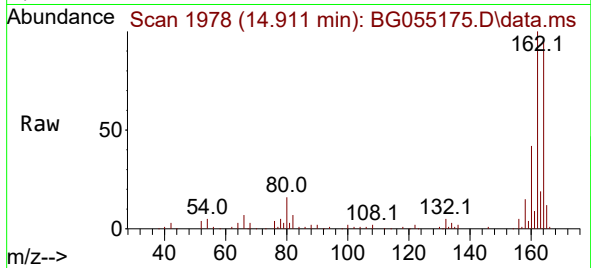




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.911 min Scan# 1979
Delta R.T. -0.004 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

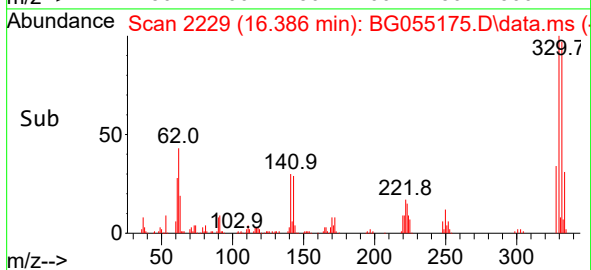
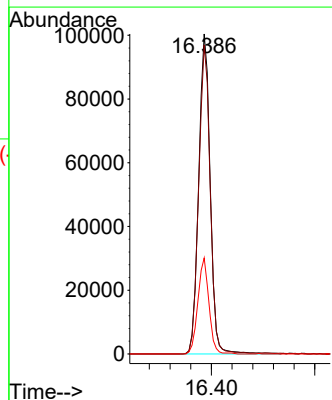
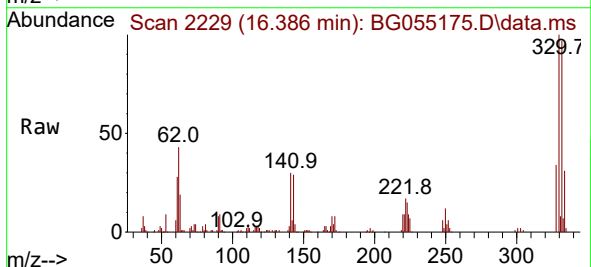
Instrument :
BNA_G
ClientSampleId :
PB148312BL

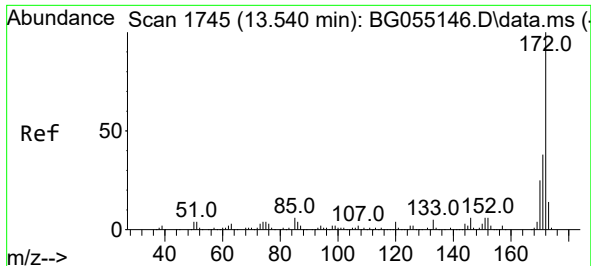
Tgt Ion:164 Resp: 89096
Ion Ratio Lower Upper
164 100
162 105.1 83.3 124.9
160 44.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 121.230 ng
RT: 16.386 min Scan# 2229
Delta R.T. -0.004 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

Tgt Ion:330 Resp: 155199
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 28.7 24.6 36.8

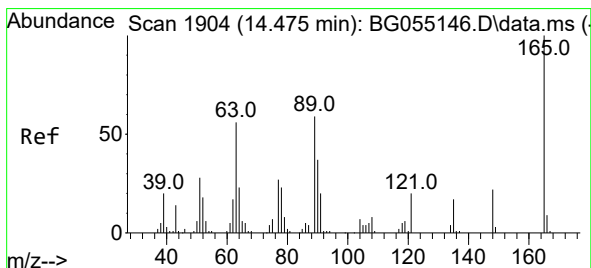
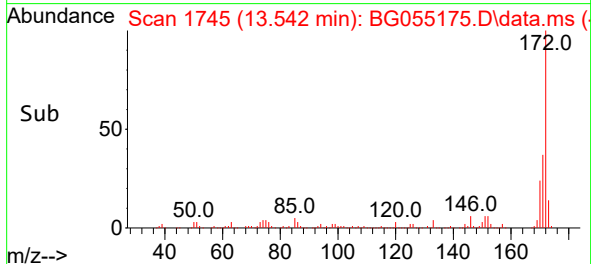
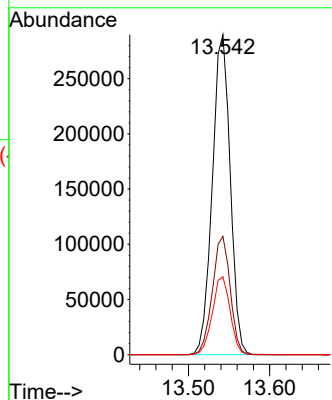
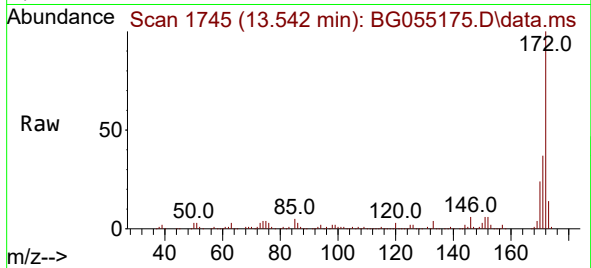




#45
2-Fluorobiphenyl
Concen: 81.295 ng
RT: 13.542 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

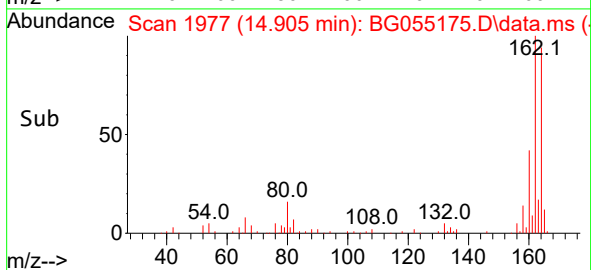
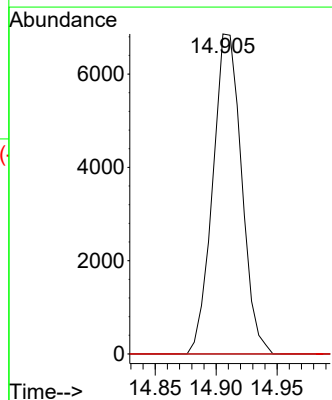
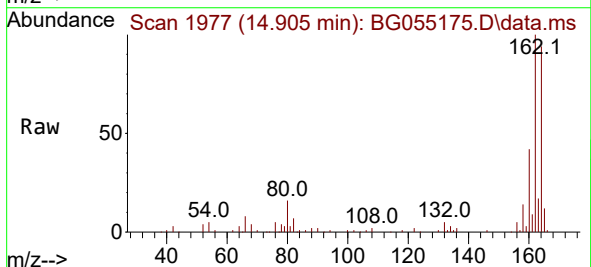
Instrument :
BNA_G
ClientSampleId :
PB148312BL

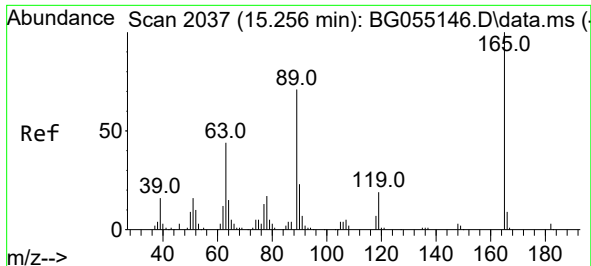
Tgt Ion:172 Resp: 443395
Ion Ratio Lower Upper
172 100
171 37.0 30.1 45.1
170 24.4 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.665 ng
RT: 14.905 min Scan# 1977
Delta R.T. 0.431 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

Tgt Ion:165 Resp: 11296
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: 5.233 ng

RT: 14.905 min Scan# 1977

Delta R.T. -0.350 min

Lab File: BG055175.D

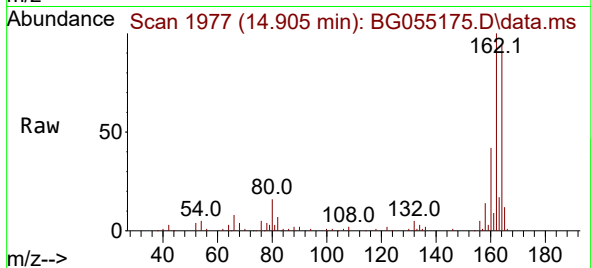
Acq: 14 Oct 2022 12:43

Instrument :

BNA_G

ClientSampleId :

PB148312BL



Tgt Ion:165 Resp: 11296

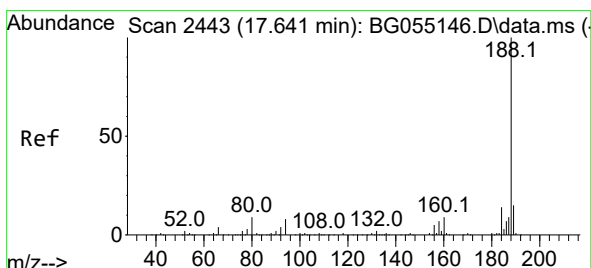
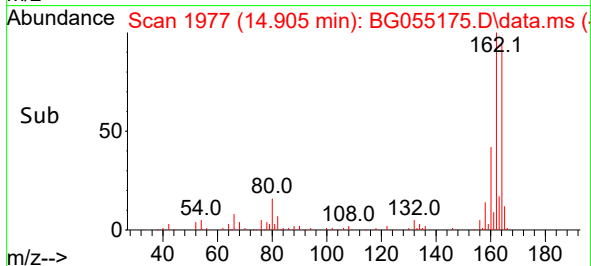
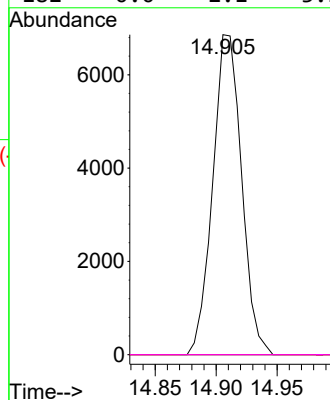
Ion Ratio Lower Upper

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: BG055175.D

Acq: 14 Oct 2022 12:43

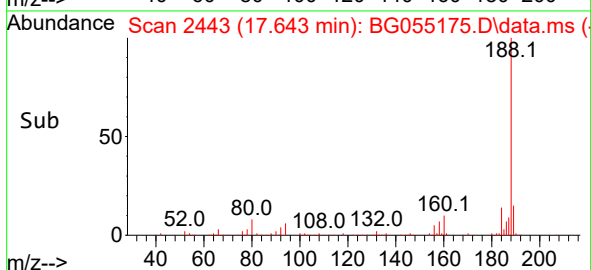
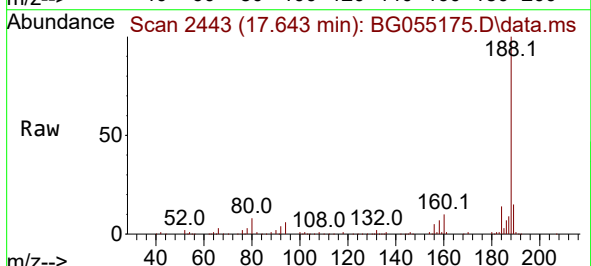
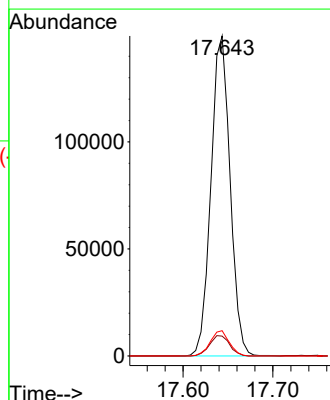
Tgt Ion:188 Resp: 221321

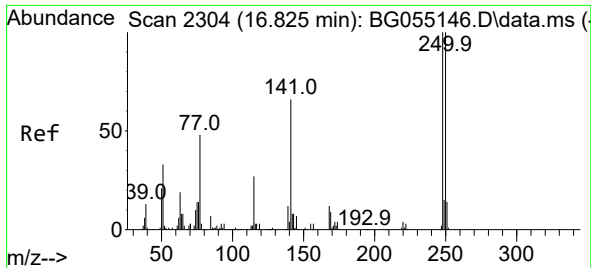
Ion Ratio Lower Upper

188 100

94 6.2 6.2 9.2

80 7.9 7.0 10.6

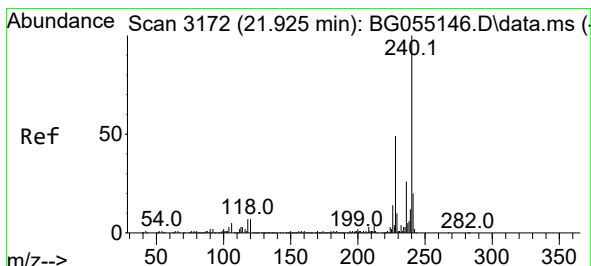
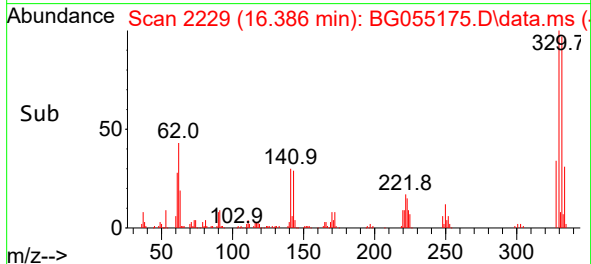
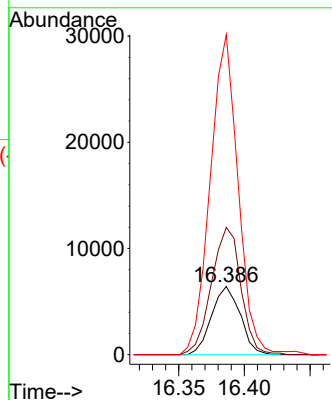
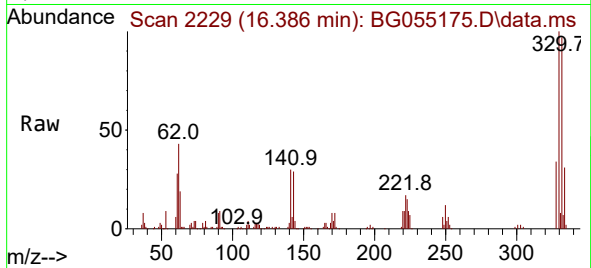




#67
4-Bromophenyl-phenylether
Concen: 4.040 ng
RT: 16.386 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

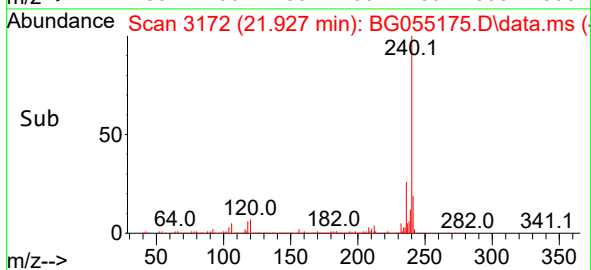
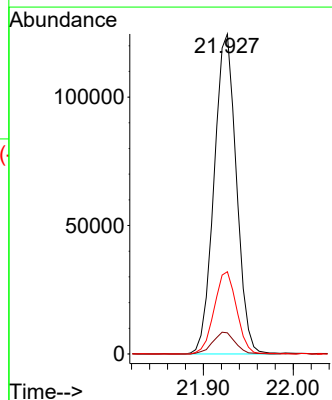
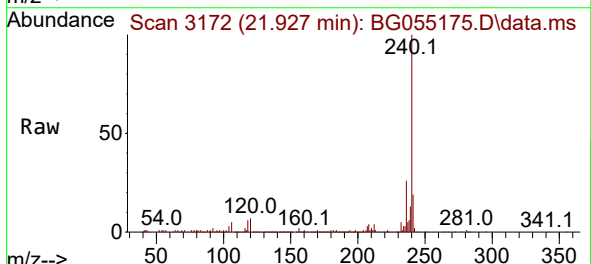
Instrument :
BNA_G
ClientSampleId :
PB148312BL

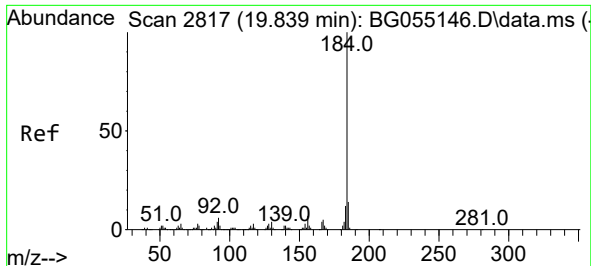
Tgt Ion:248 Resp: 9747
Ion Ratio Lower Upper
248 100
250 186.5 80.1 120.1#
141 469.0 53.1 79.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3172
Delta R.T. 0.002 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

Tgt Ion:240 Resp: 214632
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 25.7 20.6 31.0

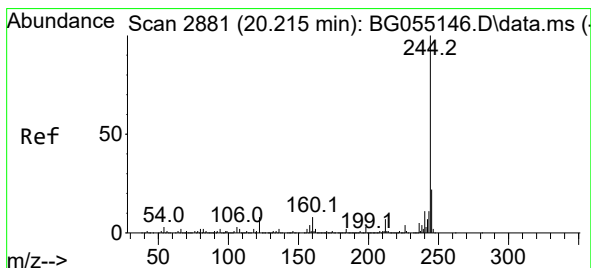
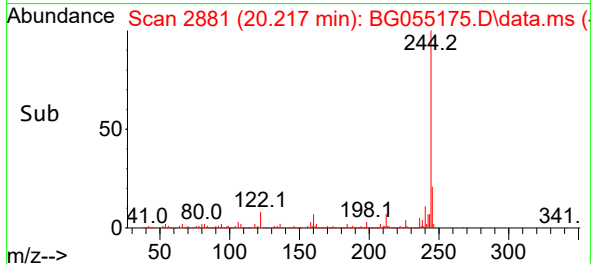
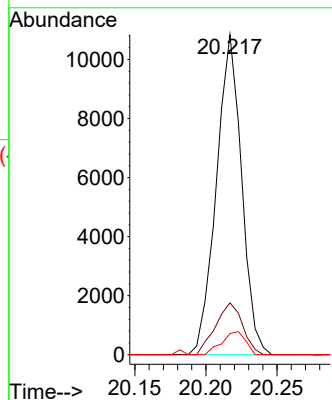
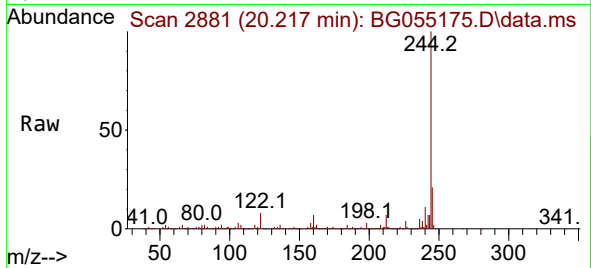




#77
Benzidine
Concen: 2.778 ng
RT: 20.217 min Scan# 2817
Delta R.T. 0.378 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

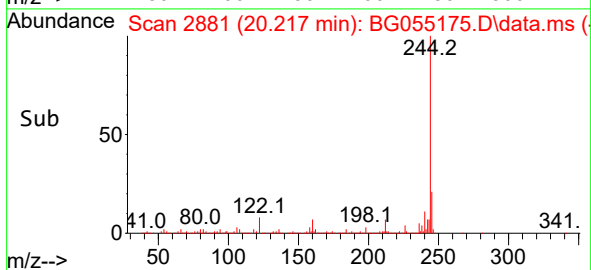
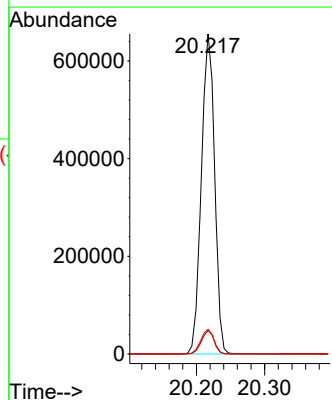
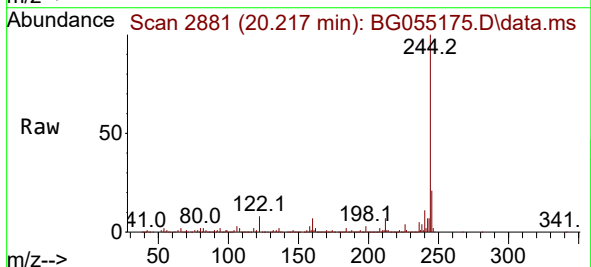
Instrument :
BNA_G
ClientSampleId :
PB148312BL

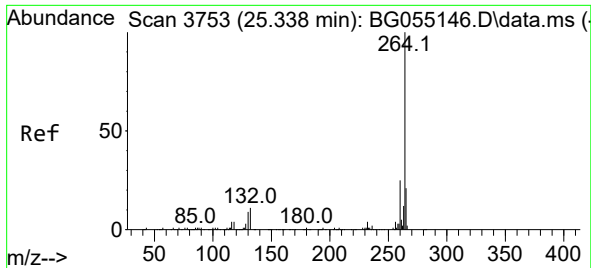
Tgt Ion:184 Resp: 13370
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 6.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 83.089 ng
RT: 20.217 min Scan# 2881
Delta R.T. 0.002 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

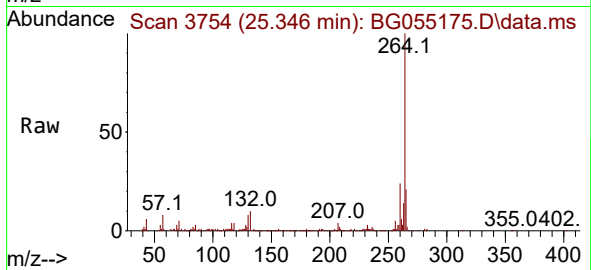
Tgt Ion:244 Resp: 885474
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 7.7 6.6 10.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.346 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG055175.D
Acq: 14 Oct 2022 12:43

Instrument :
BNA_G
ClientSampleId :
PB148312BL



Tgt Ion:264 Resp: 229471

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.3	16.8	25.2

