

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057042.D
 Acq On : 10 Apr 2023 12:42
 Operator : CG/JU
 Sample : 02224-23
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-12

Quant Time: Apr 11 04:12:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

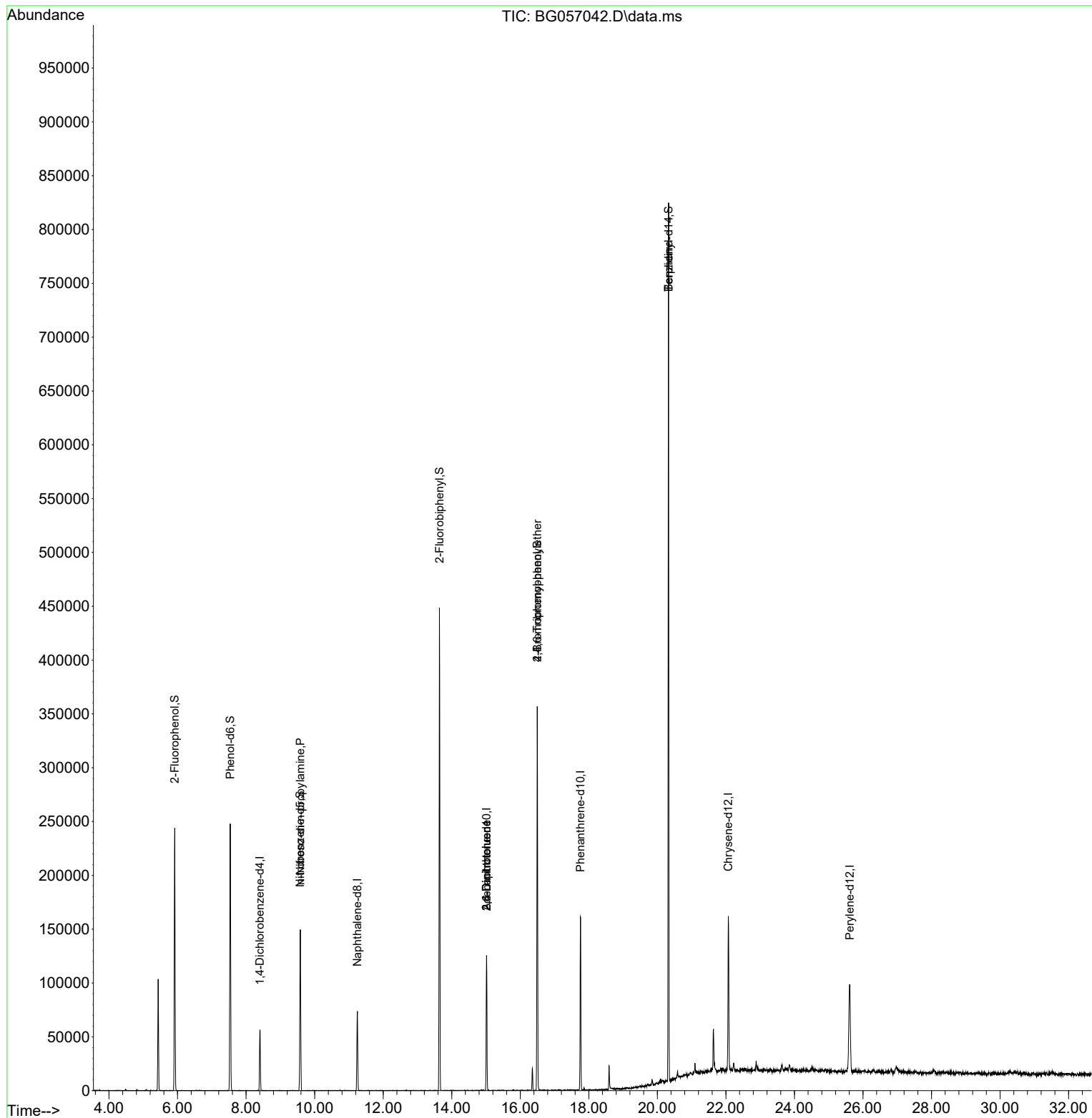
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	15451	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	61150	20.000	ng	0.00
39) Acenaphthene-d10	15.017	164	44424	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	105304	20.000	ng	0.00
76) Chrysene-d12	22.072	240	91023	20.000	ng	-0.01
86) Perylene-d12	25.614	264	99873	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	100752	104.361	ng	0.00
7) Phenol-d6	7.539	99	144051	99.765	ng	0.00
23) Nitrobenzene-d5	9.577	82	94549	63.266	ng	-0.01
42) 2,4,6-Tribromophenol	16.497	330	72025	101.488	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	225878	68.948	ng	0.00
79) Terphenyl-d14	20.327	244	403699	75.050	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.583	70	13220	12.800	ng	# 73
51) 2,6-Dinitrotoluene	15.017	165	5973	7.898	ng	# 18
57) 2,4-Dinitrotoluene	15.017	165	5973	5.600	ng	# 18
67) 4-Bromophenyl-phenylether	16.497	248	4665	3.580	ng	# 1
77) Benzdine	20.327	184	6325	2.542	ng	# 89

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

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Quant Time: Apr 11 04:12:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
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QLast Update : Sat Apr 08 04:45:47 2023
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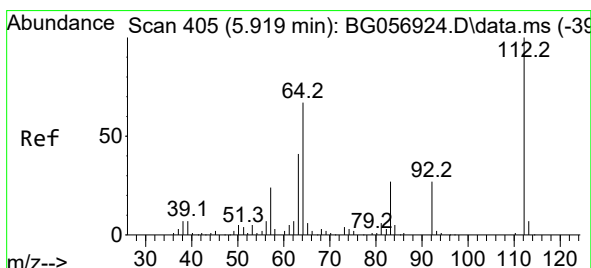
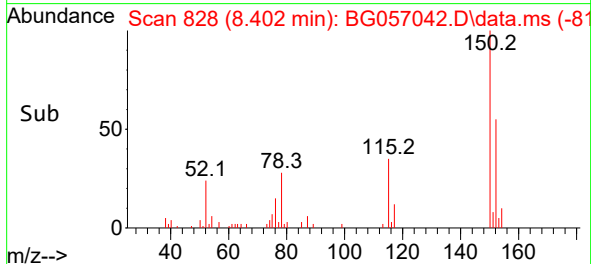
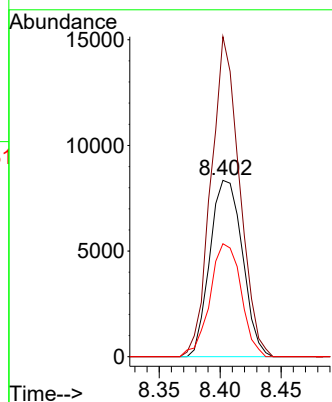
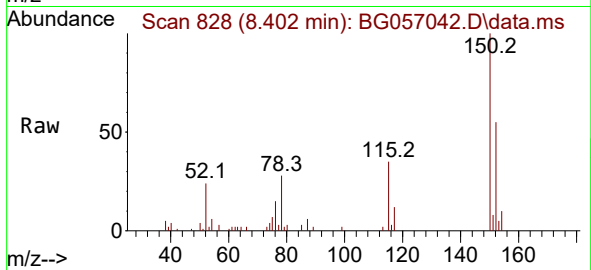




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

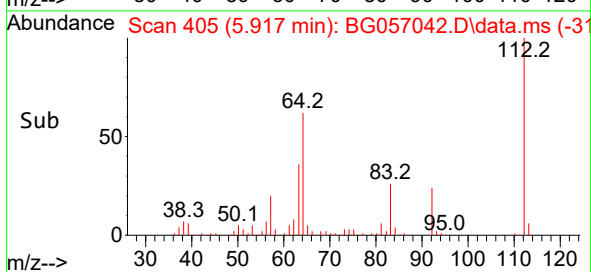
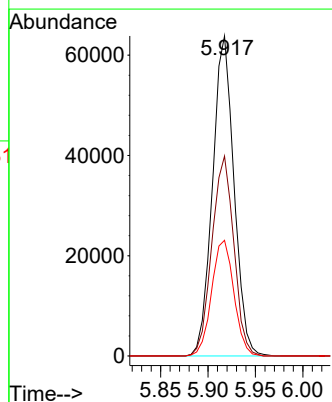
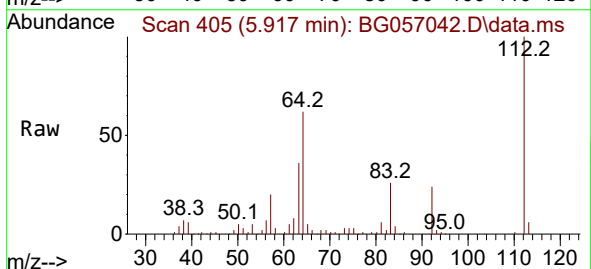
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-12

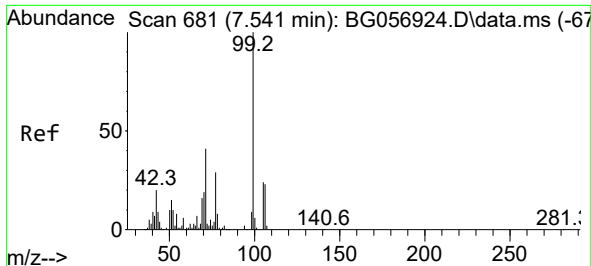
Tgt Ion:152 Resp: 15451
Ion Ratio Lower Upper
152 100
150 181.4 124.1 186.1
115 64.1 49.1 73.7



#5
2-Fluorophenol
Concen: 104.361 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Tgt Ion:112 Resp: 100752
Ion Ratio Lower Upper
112 100
64 62.4 53.2 79.8
63 36.1 32.6 48.8

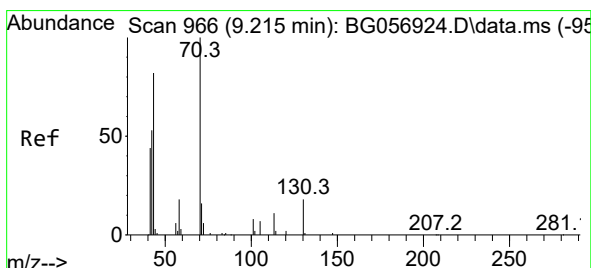
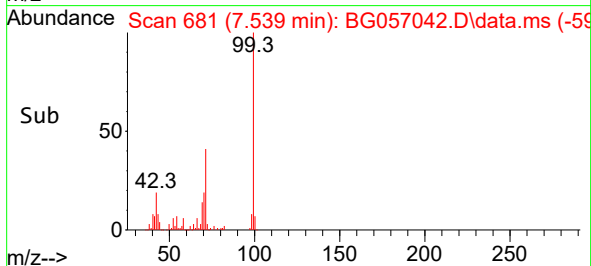
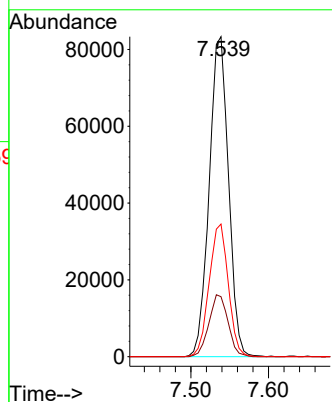
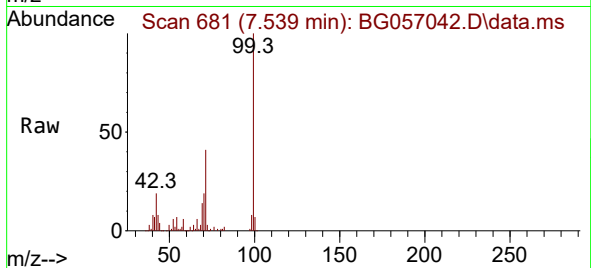




#7
Phenol-d6
Concen: 99.765 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

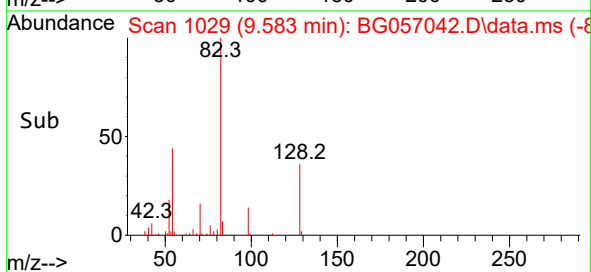
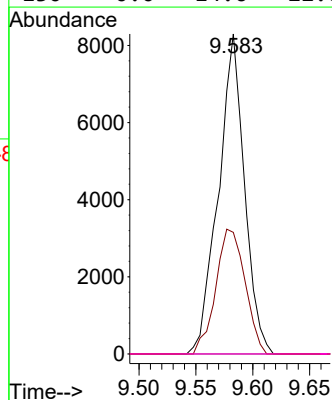
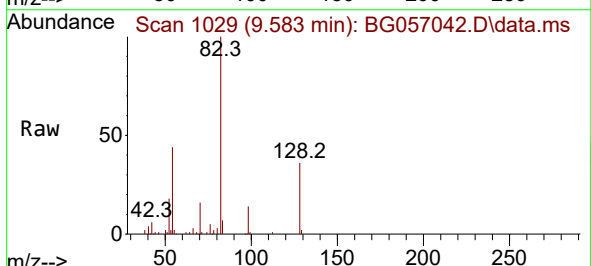
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-12

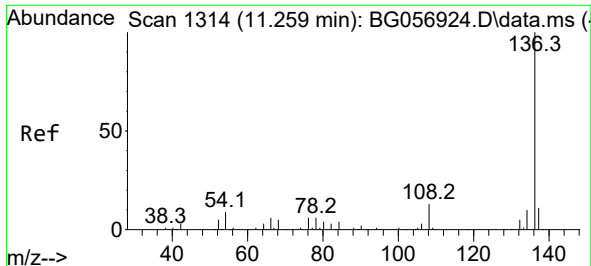
Tgt Ion: 99 Resp: 144051
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 41.4 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.800 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.370 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Tgt Ion: 70 Resp: 13220
Ion Ratio Lower Upper
70 100
42 38.0 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

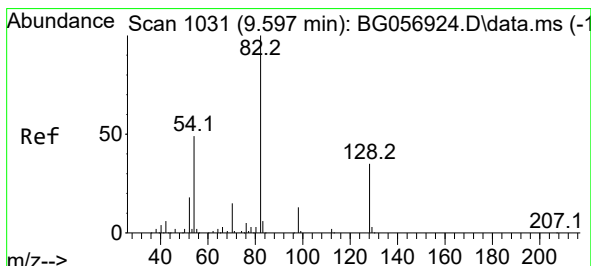
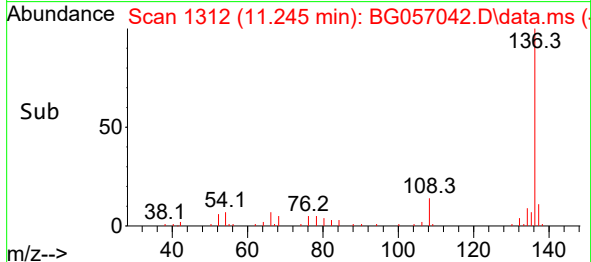
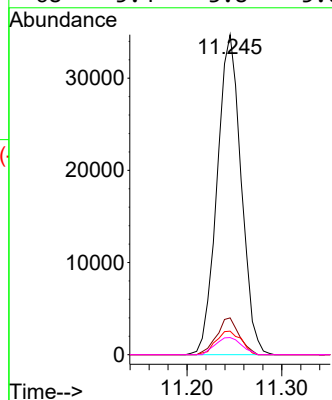
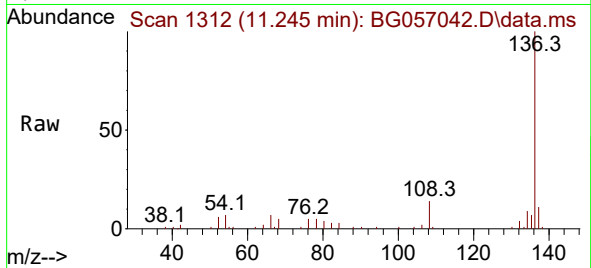




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

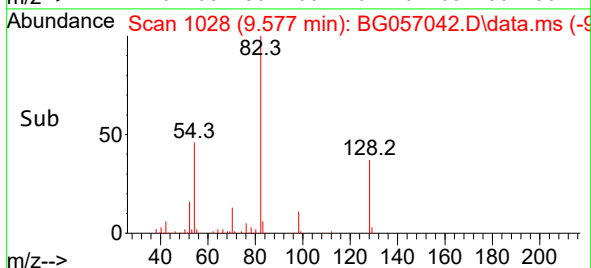
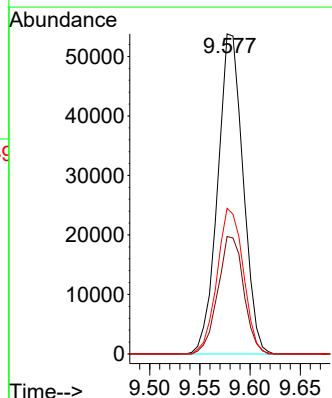
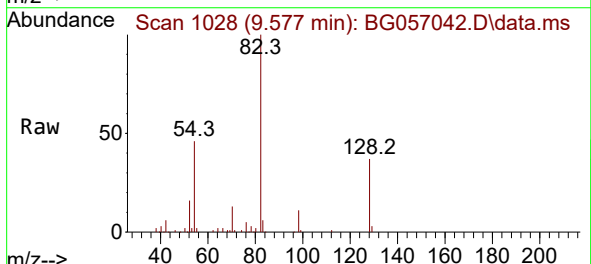
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-12

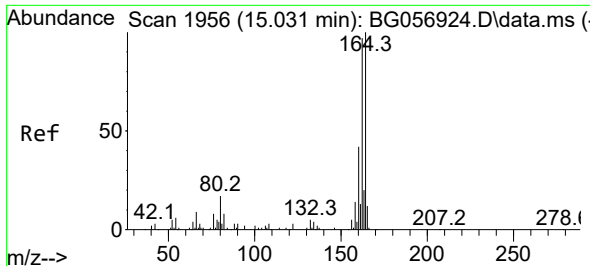
Tgt Ion:	136	Resp:	61150
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	7.3	6.9	10.3
68	5.4	3.8	5.6



#23
Nitrobenzene-d5
Concen: 63.266 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Tgt Ion:	82	Resp:	94549
Ion Ratio	Lower	Upper	
82	100		
128	36.7	27.9	41.9
54	45.5	39.4	59.2

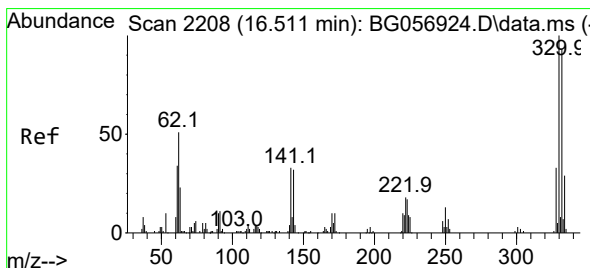
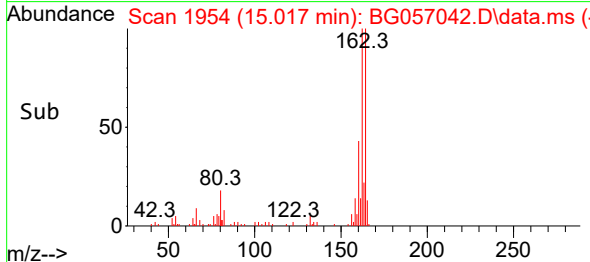
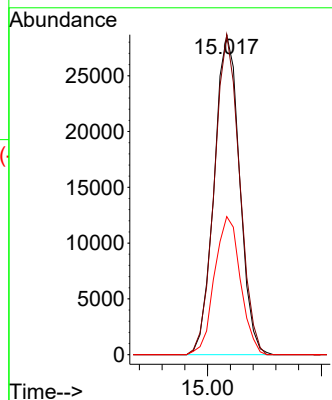
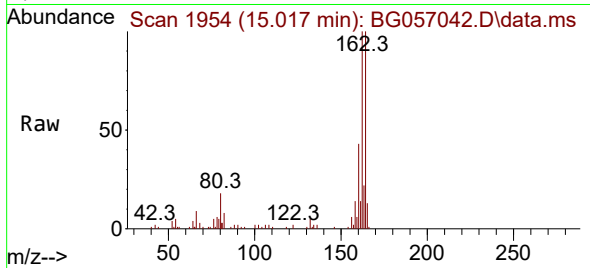




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

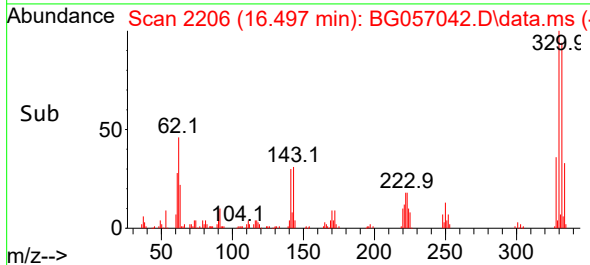
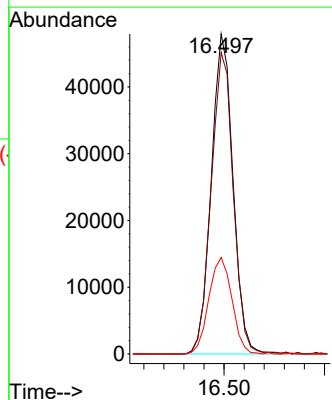
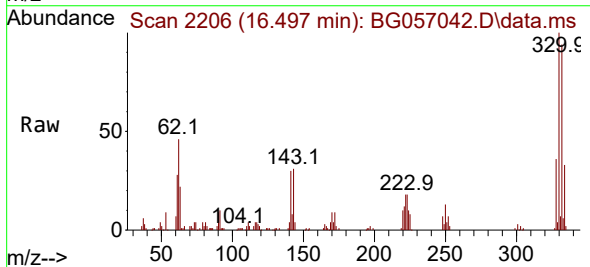
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-12

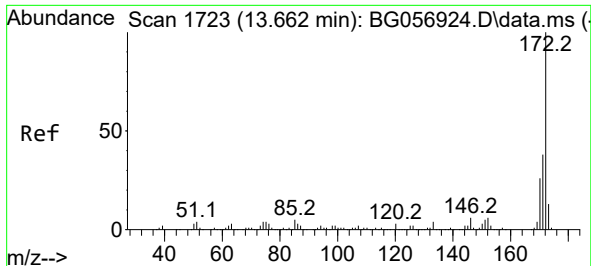
Tgt Ion:164 Resp: 44424
Ion Ratio Lower Upper
164 100
162 100.1 77.8 116.8
160 43.2 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 101.488 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.005 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

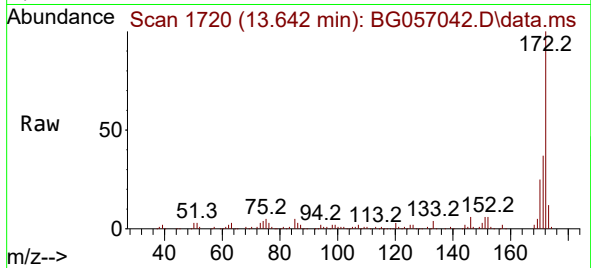
Tgt Ion:330 Resp: 72025
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 32.1 25.8 38.6



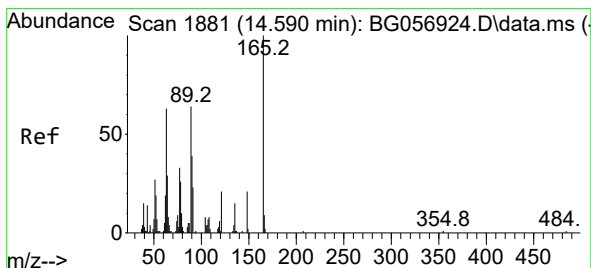
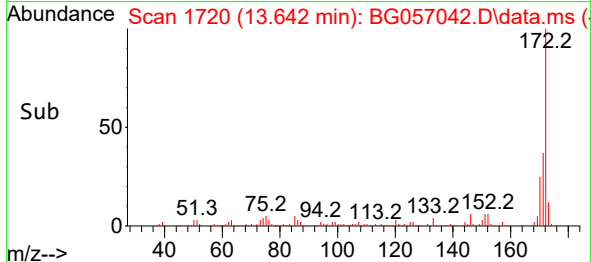
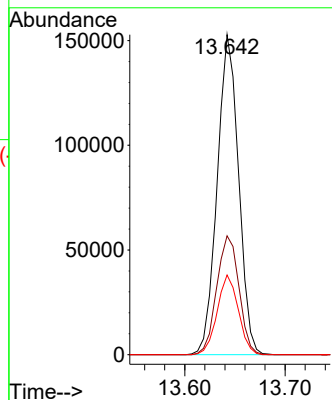


#45
2-Fluorobiphenyl
Concen: 68.948 ng
RT: 13.642 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-12

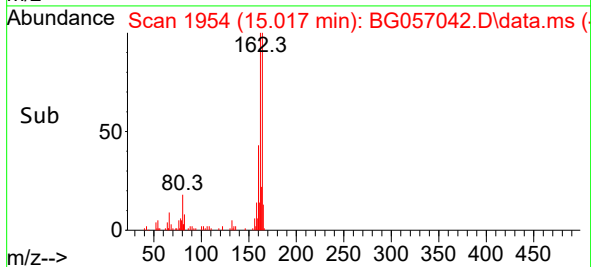
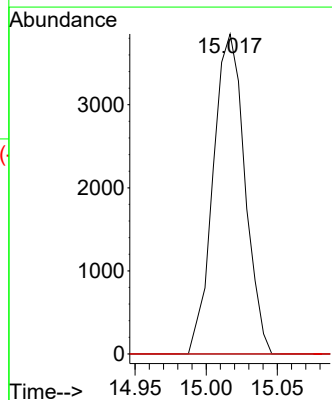
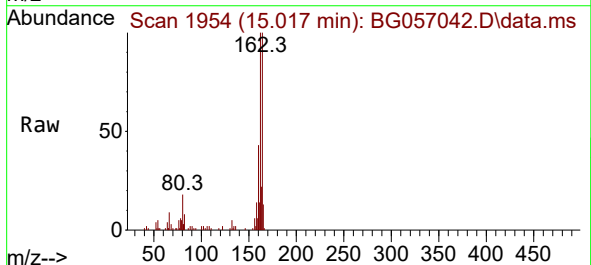


Tgt Ion:172 Resp: 225878
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.898 ng
RT: 15.017 min Scan# 1954
Delta R.T. 0.429 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Tgt Ion:165 Resp: 5973
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.600 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.352 min

Lab File: BG057042.D

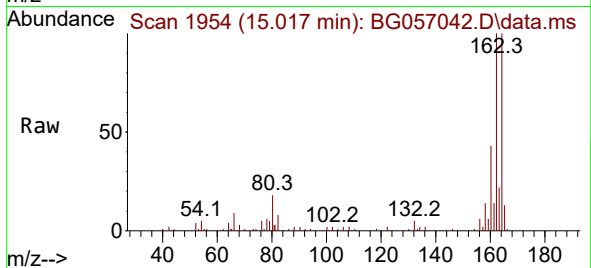
Acq: 10 Apr 2023 12:42

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-12



Tgt Ion:165 Resp: 5973

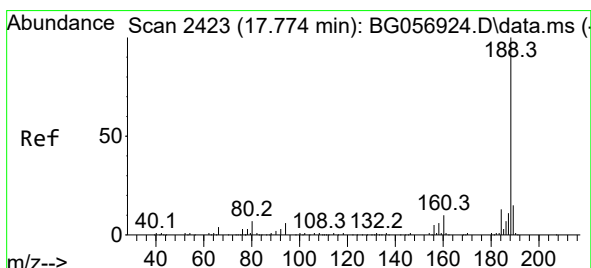
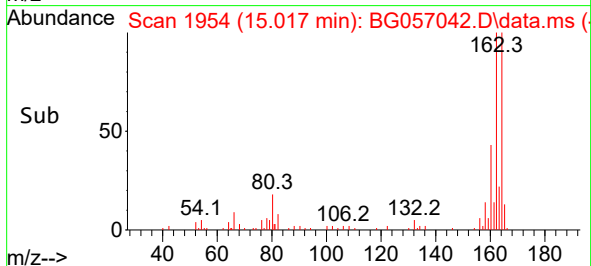
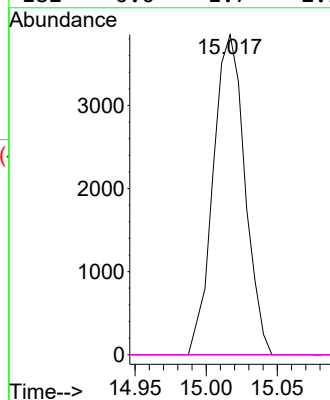
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 2420

Delta R.T. -0.005 min

Lab File: BG057042.D

Acq: 10 Apr 2023 12:42

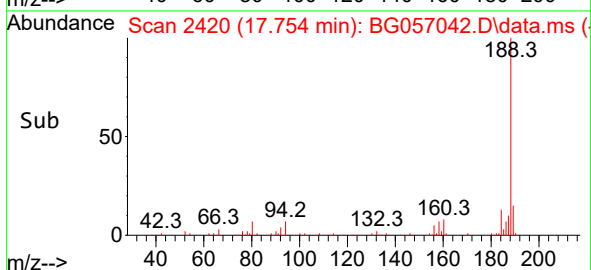
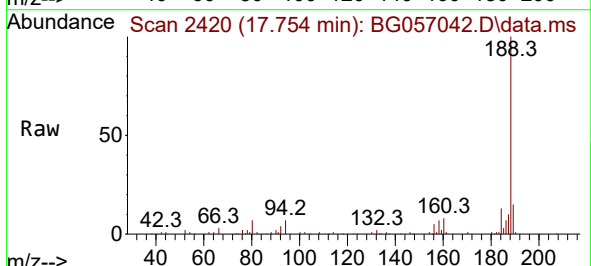
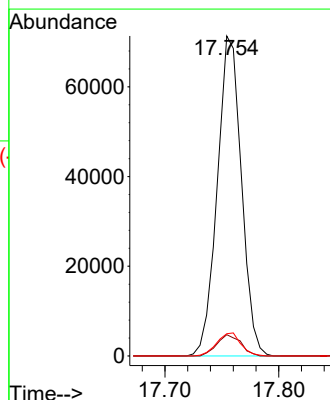
Tgt Ion:188 Resp: 105304

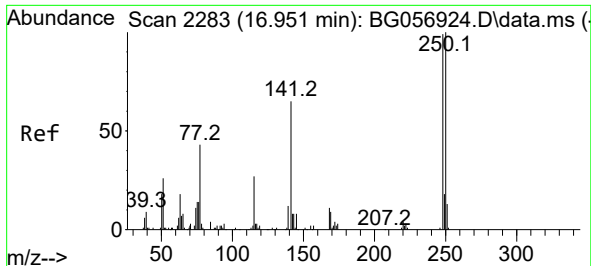
Ion Ratio Lower Upper

188 100

94 6.6 4.6 6.8

80 7.0 5.5 8.3





#67

4-Bromophenyl-phenylether

Concen: 3.580 ng

RT: 16.497 min Scan# 21

Delta R.T. -0.440 min

Lab File: BG057042.D

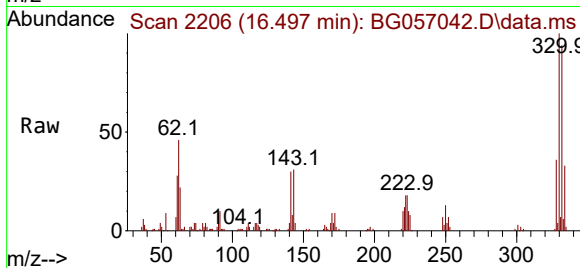
Acq: 10 Apr 2023 12:42

Instrument :

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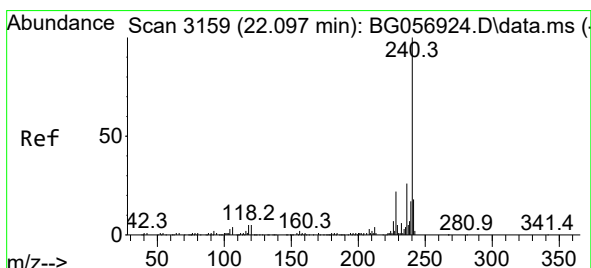
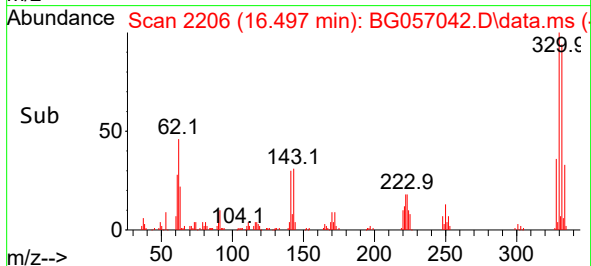
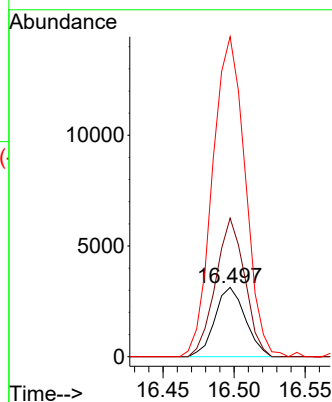
Tgt Ion:248 Resp: 4665

Ion Ratio Lower Upper

248 100

250 200.0 80.5 120.7#

141 461.9 52.0 78.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.072 min Scan# 3155

Delta R.T. -0.011 min

Lab File: BG057042.D

Acq: 10 Apr 2023 12:42

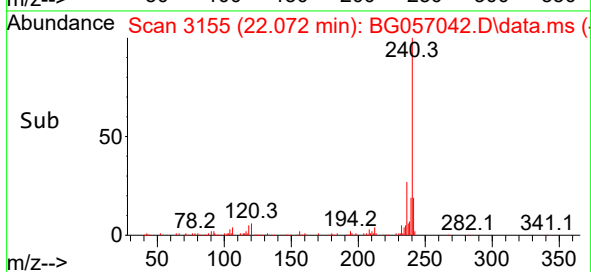
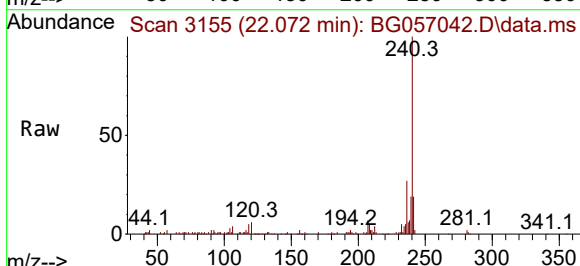
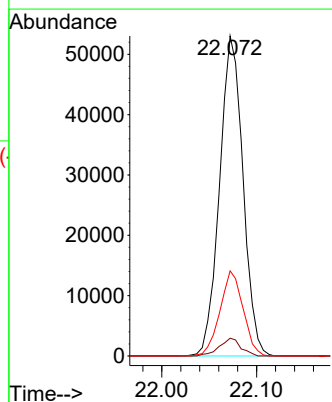
Tgt Ion:240 Resp: 91023

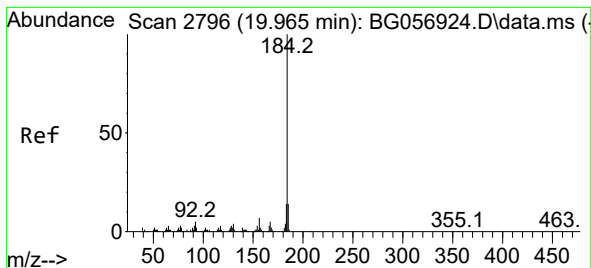
Ion Ratio Lower Upper

240 100

120 5.5 3.8 5.6

236 26.6 21.0 31.6





#77

Benzidine

Concen: 2.542 ng

RT: 20.327 min Scan# 2858

Delta R.T. 0.376 min

Lab File: BG057042.D

Acq: 10 Apr 2023 12:42

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-12

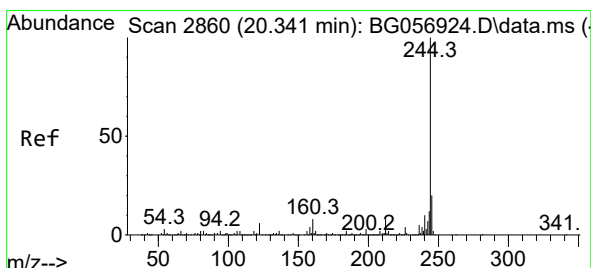
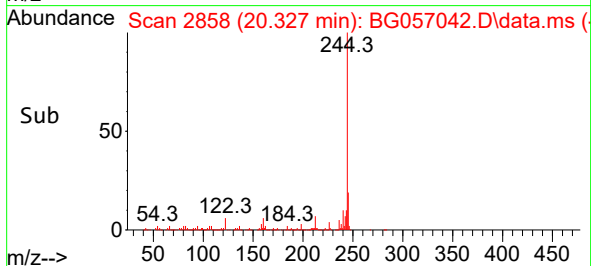
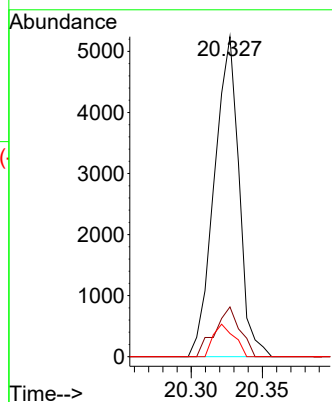
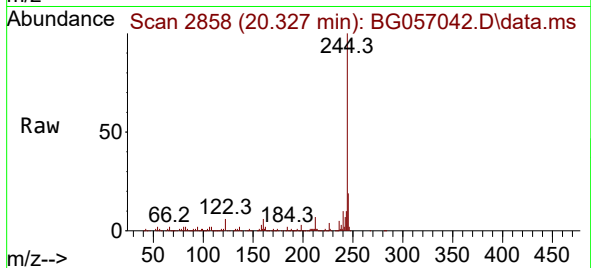
Tgt Ion:184 Resp: 6325

Ion Ratio Lower Upper

184 100

185 15.6 11.0 16.4

183 7.2 11.4 17.0#



#79

Terphenyl-d14

Concen: 75.050 ng

RT: 20.327 min Scan# 2858

Delta R.T. 0.000 min

Lab File: BG057042.D

Acq: 10 Apr 2023 12:42

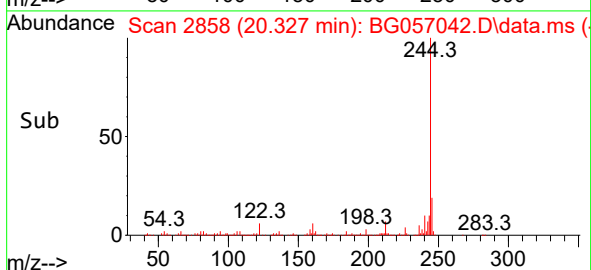
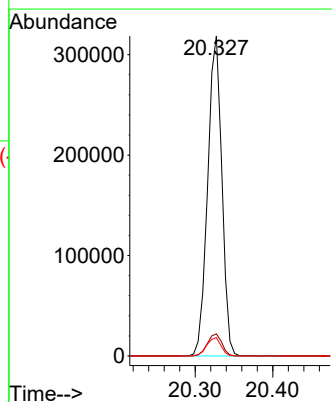
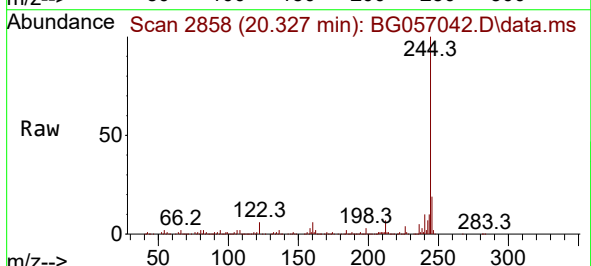
Tgt Ion:244 Resp: 403699

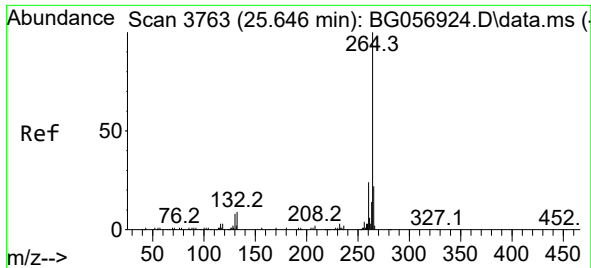
Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

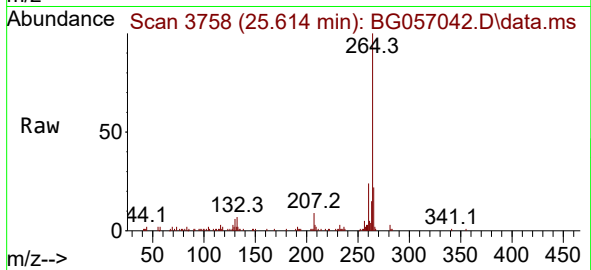
122 5.8 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.614 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-12



Tgt Ion:	264	Resp:	99873
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.4
265	22.3	17.8	26.6

