

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057045.D
 Acq On : 10 Apr 2023 14:48
 Operator : CG/JU
 Sample : 02224-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-09

Quant Time: Apr 11 04:12:46 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)

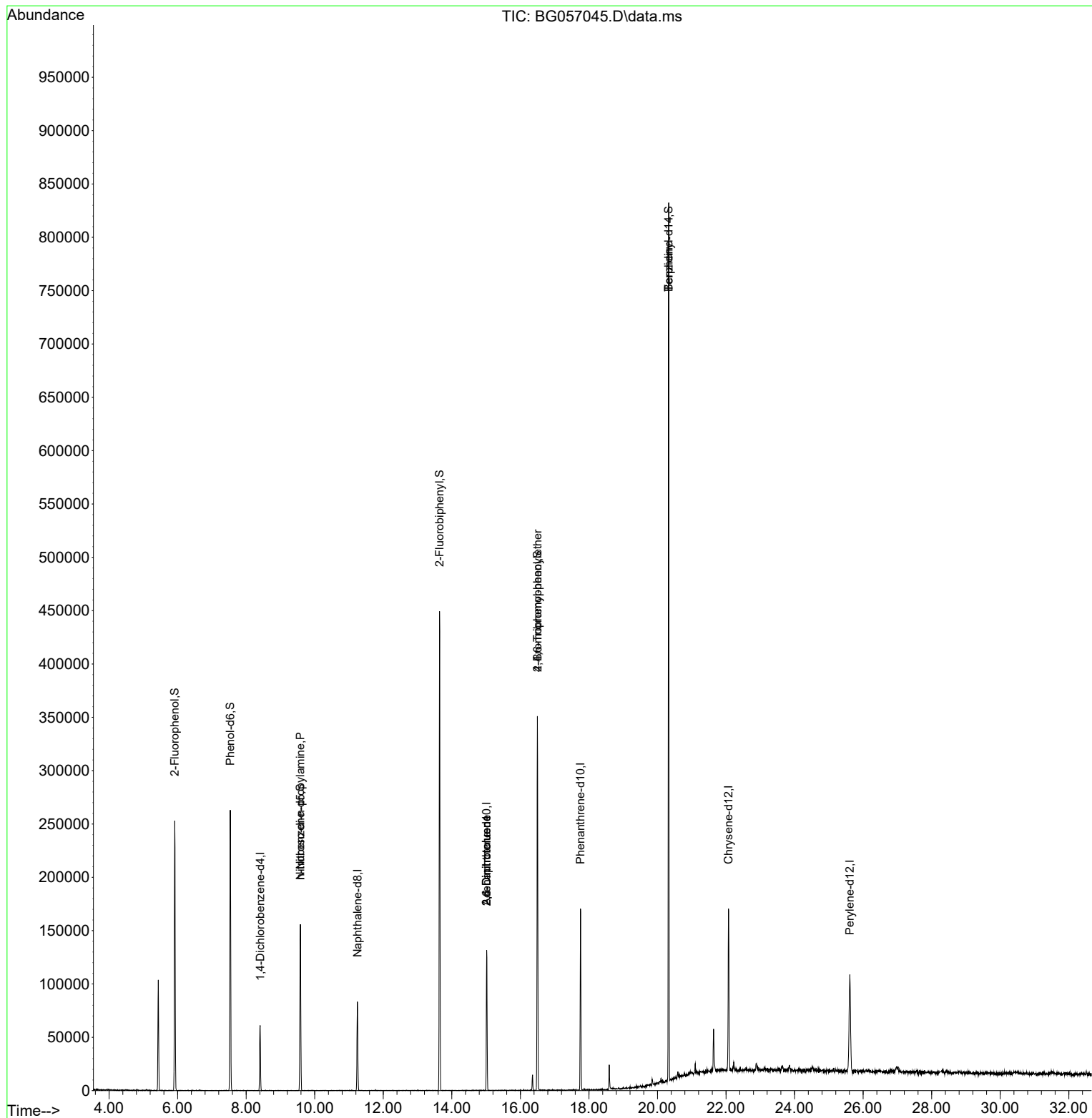
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	16987	20.000	ng	0.00
21) Naphthalene-d8	11.244	136	68384	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	48128	20.000	ng	0.00
64) Phenanthrene-d10	17.753	188	111377	20.000	ng	0.00
76) Chrysene-d12	22.071	240	97410	20.000	ng	#-0.01
86) Perylene-d12	25.607	264	106502	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	105712	99.598	ng	0.00
7) Phenol-d6	7.538	99	149539	94.201	ng	0.00
23) Nitrobenzene-d5	9.582	82	99957	59.809	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	72880	94.790	ng	0.00
45) 2-Fluorobiphenyl	13.641	172	229427	64.641	ng	0.00
79) Terphenyl-d14	20.326	244	396045	68.799	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.582	70	13359	11.765	ng	# 77
51) 2,6-Dinitrotoluene	15.016	165	6341	7.739	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	6341	5.487	ng	# 18
67) 4-Bromophenyl-phenylether	16.496	248	4542	3.296	ng	# 1
77) Benzidine	20.326	184	6476	2.432	ng	# 93

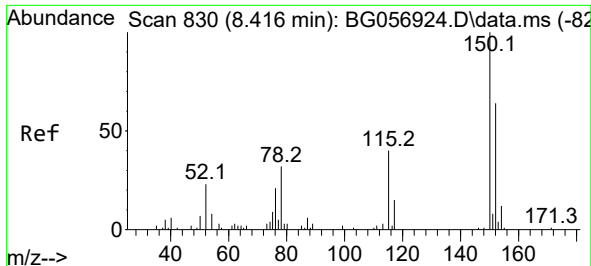
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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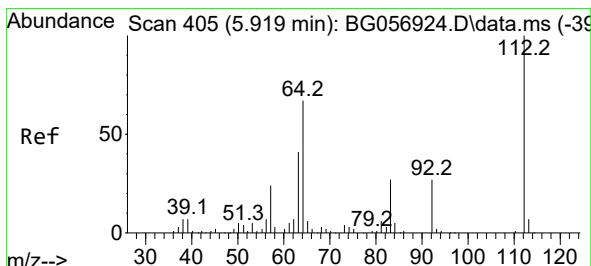
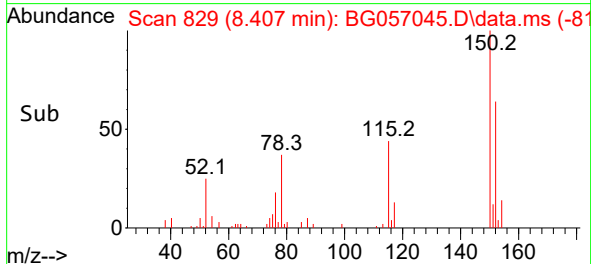
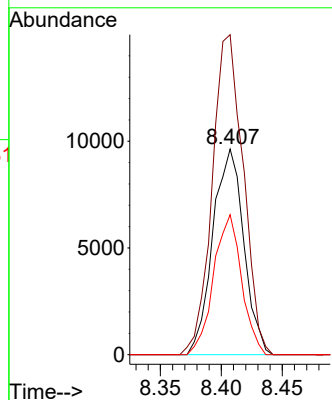
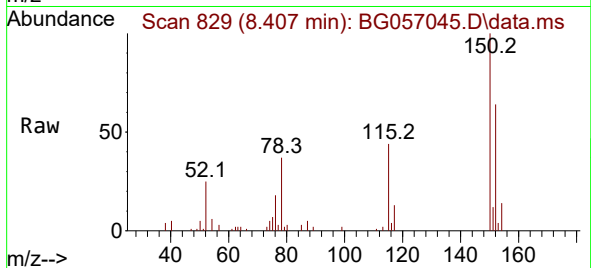




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

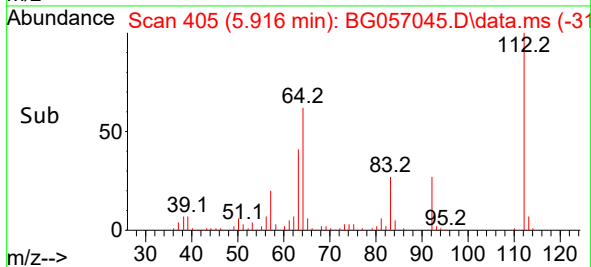
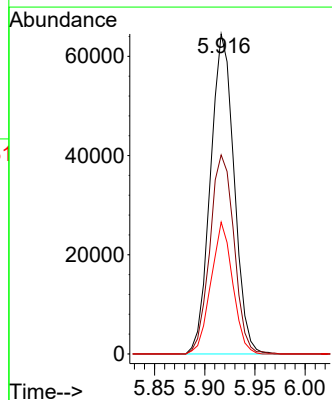
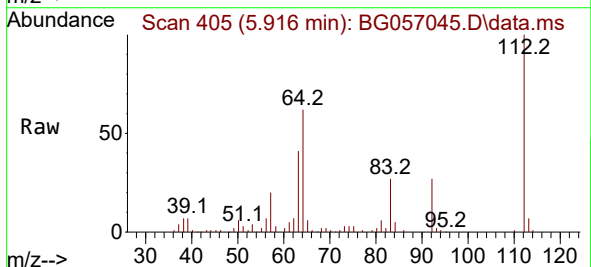
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-09

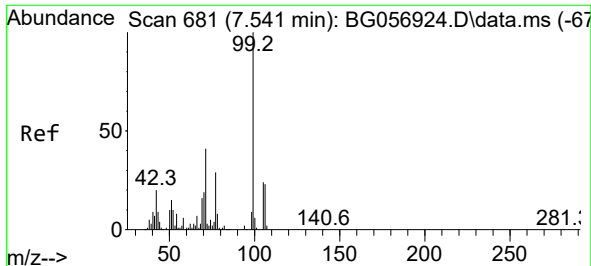
Tgt Ion:152 Resp: 16987
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 68.1 49.1 73.7



#5
2-Fluorophenol
Concen: 99.598 ng
RT: 5.916 min Scan# 405
Delta R.T. -0.001 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

Tgt Ion:112 Resp: 105712
Ion Ratio Lower Upper
112 100
64 62.2 53.2 79.8
63 41.2 32.6 48.8

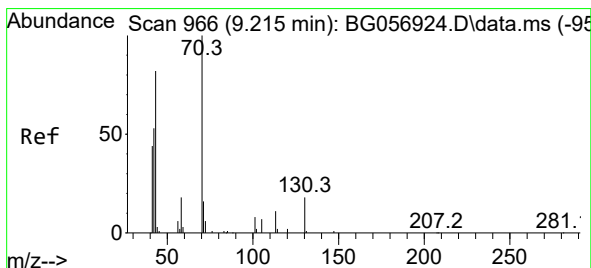
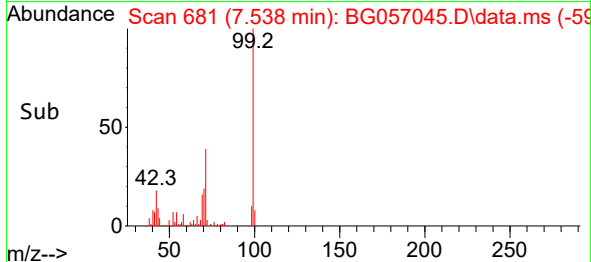
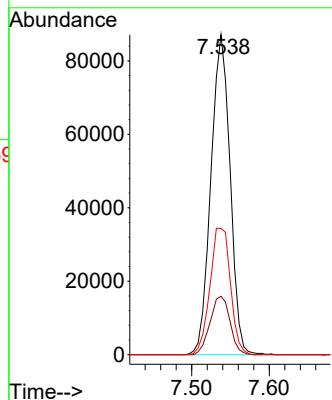
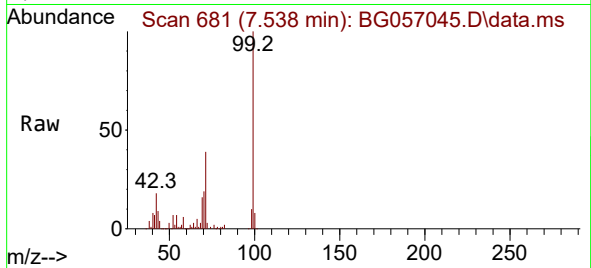




#7
Phenol-d6
Concen: 94.201 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

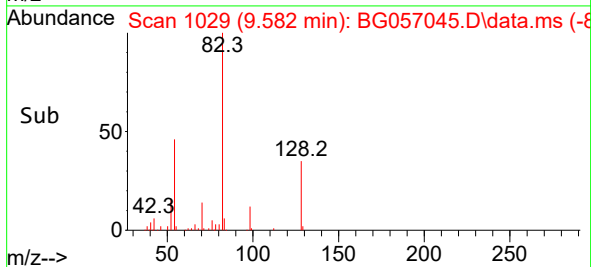
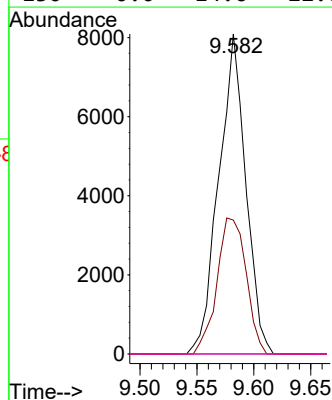
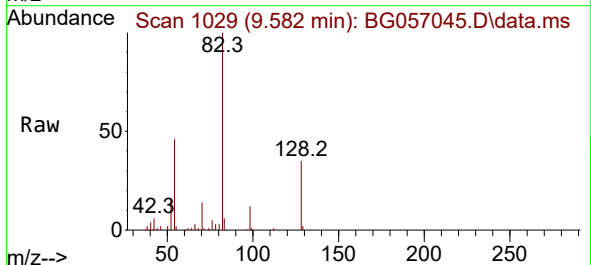
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-09

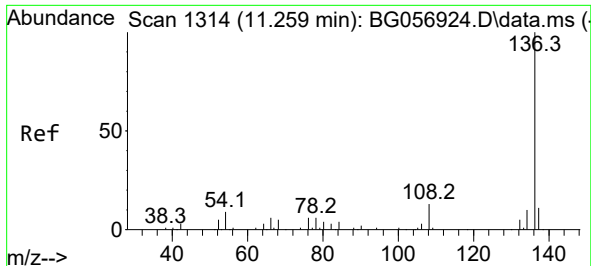
Tgt Ion: 99 Resp: 149539
Ion Ratio Lower Upper
99 100
42 18.2 15.7 23.5
71 39.5 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.765 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.370 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

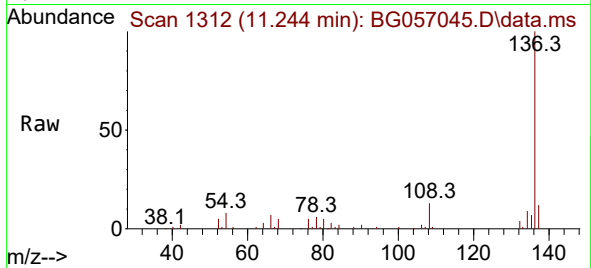
Tgt Ion: 70 Resp: 13359
Ion Ratio Lower Upper
70 100
42 41.8 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#



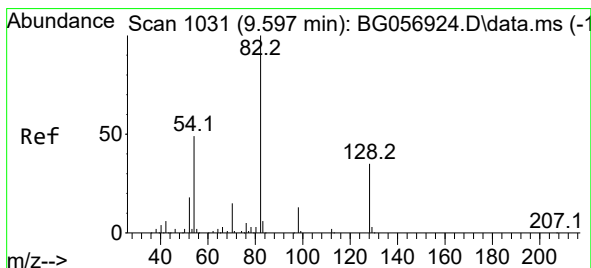
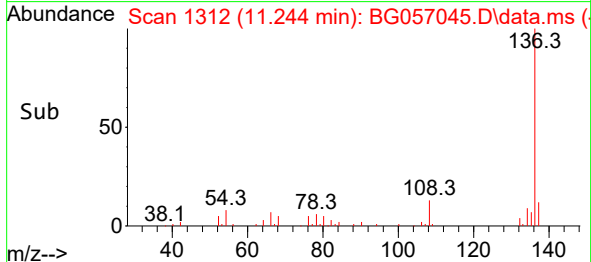
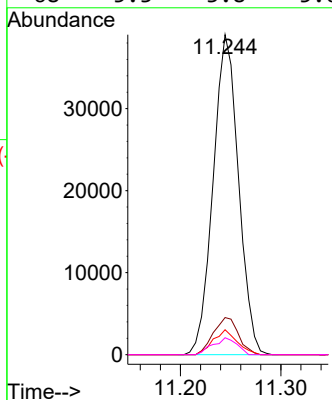


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.244 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-09

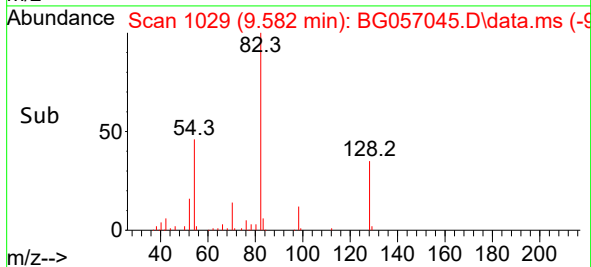
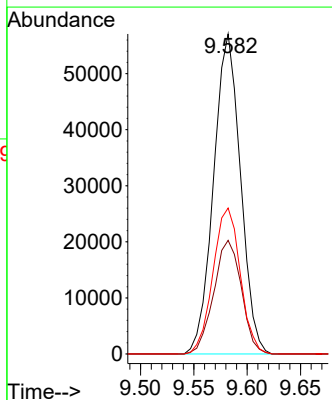
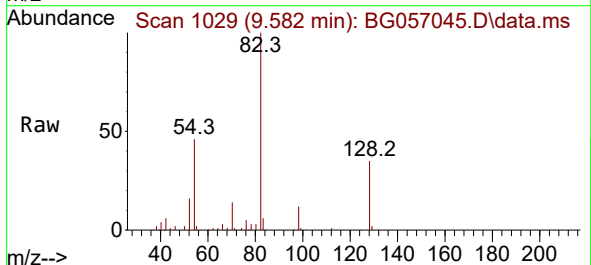


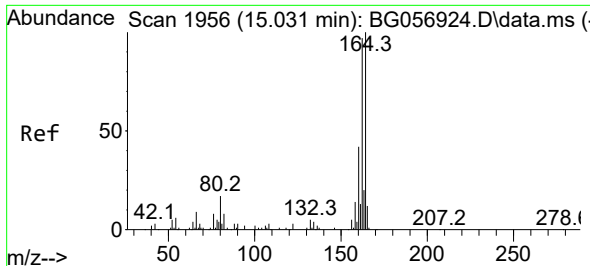
Tgt Ion:136 Resp: 68384
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 7.8 6.9 10.3
68 5.3 3.8 5.6



#23
Nitrobenzene-d5
Concen: 59.809 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

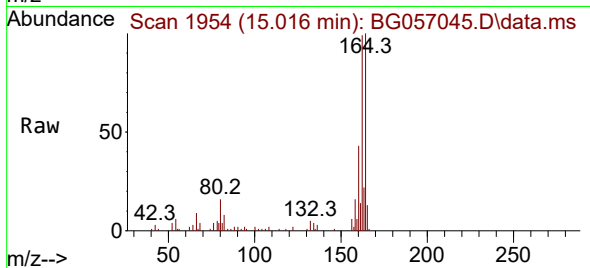
Tgt Ion: 82 Resp: 99957
Ion Ratio Lower Upper
82 100
128 35.5 27.9 41.9
54 45.6 39.4 59.2



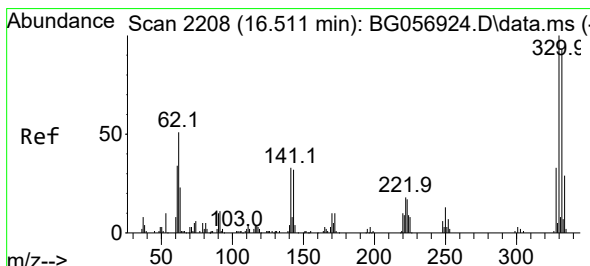
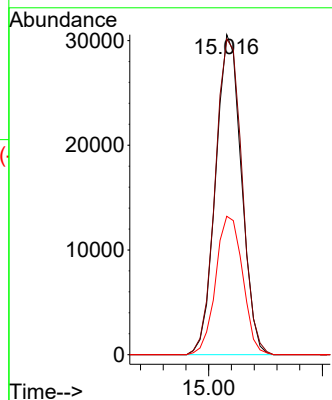
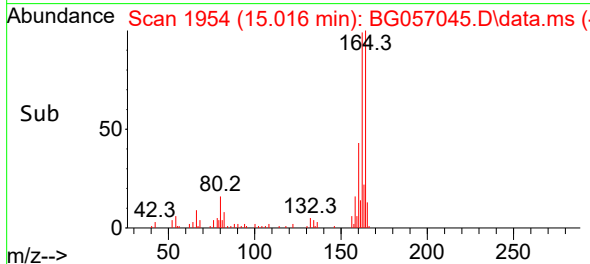


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

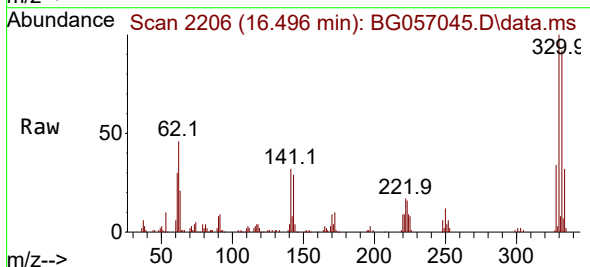
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-09



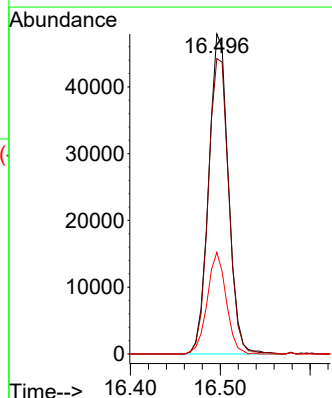
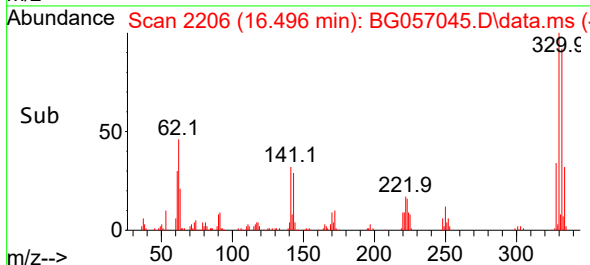
Tgt Ion:164 Resp: 48128
Ion Ratio Lower Upper
164 100
162 98.6 77.8 116.8
160 43.3 33.5 50.3

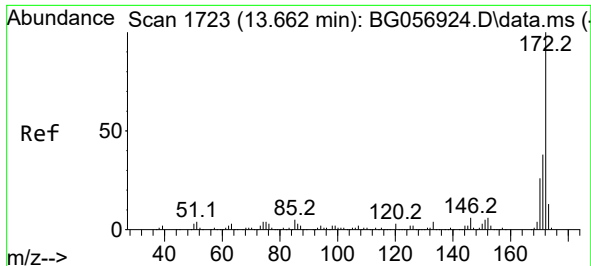


#42
2,4,6-Tribromophenol
Concen: 94.790 ng
RT: 16.496 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48



Tgt Ion:330 Resp: 72880
Ion Ratio Lower Upper
330 100
332 95.7 76.1 114.1
141 30.5 25.8 38.6

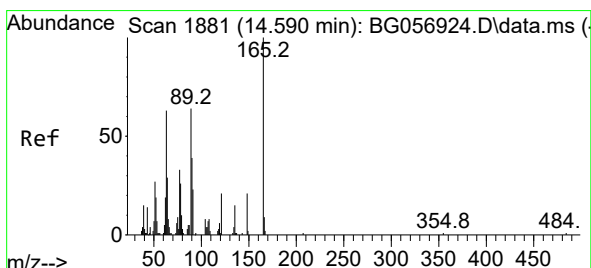
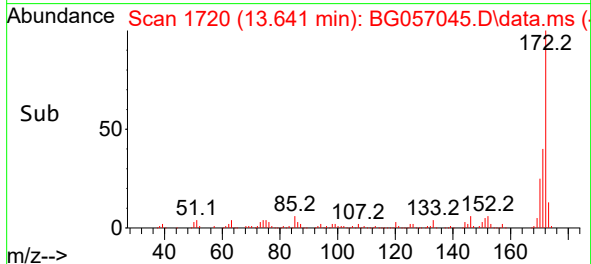
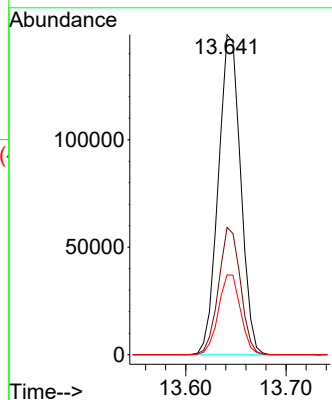
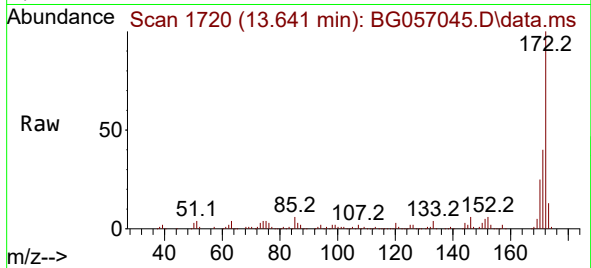




#45
2-Fluorobiphenyl
Concen: 64.641 ng
RT: 13.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

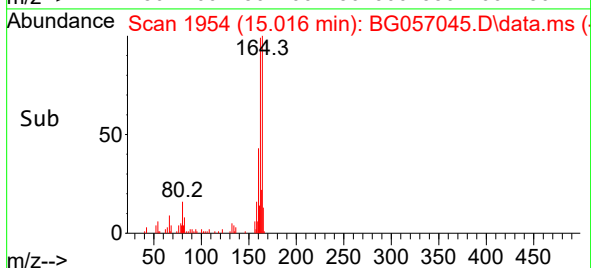
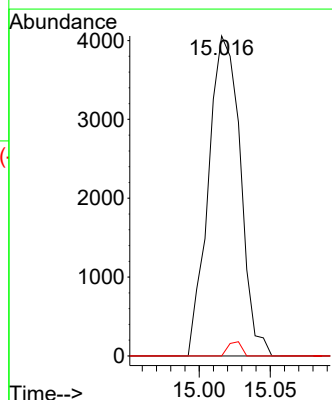
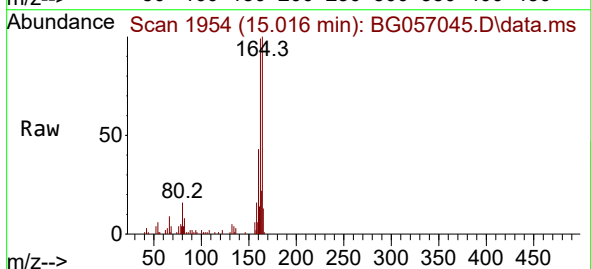
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-09

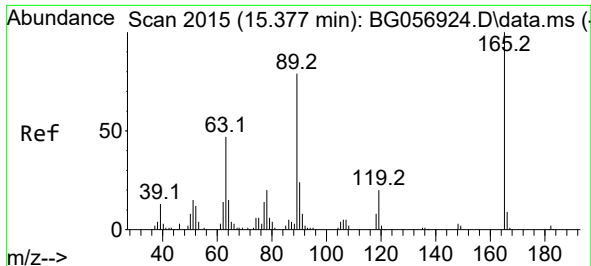
Tgt Ion:172 Resp: 229427
Ion Ratio Lower Upper
172 100
171 39.8 30.6 46.0
170 25.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.739 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.428 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

Tgt Ion:165 Resp: 6341
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: 5.487 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.353 min

Lab File: BG057045.D

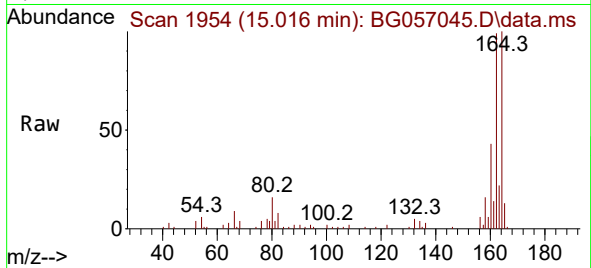
Acq: 10 Apr 2023 14:48

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-09



Tgt Ion:165 Resp: 6341

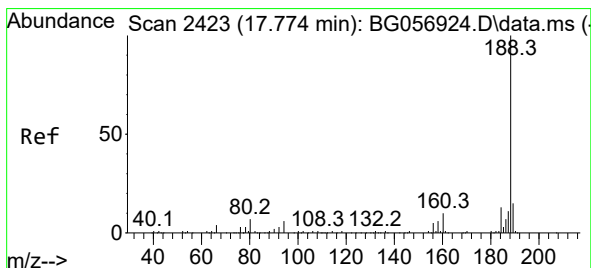
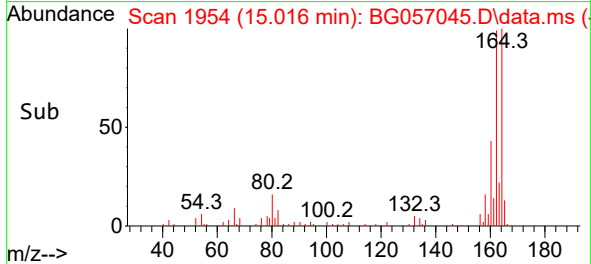
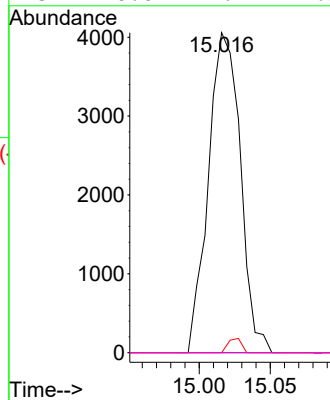
Ion Ratio Lower Upper

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: 17.753 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BG057045.D

Acq: 10 Apr 2023 14:48

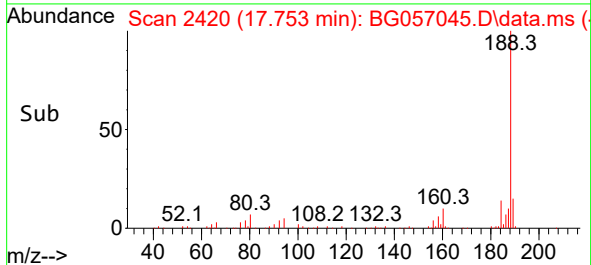
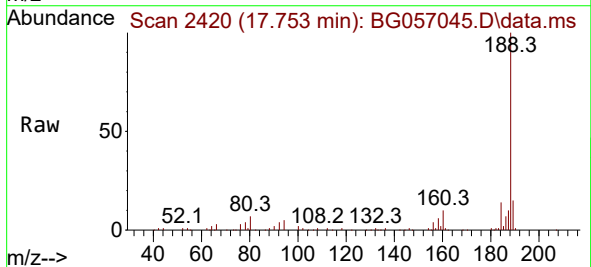
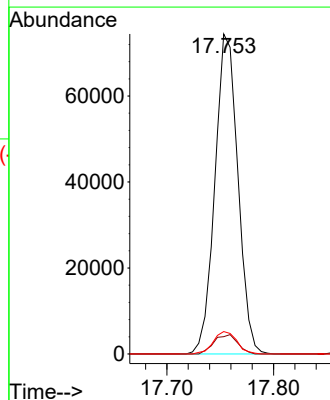
Tgt Ion:188 Resp: 111377

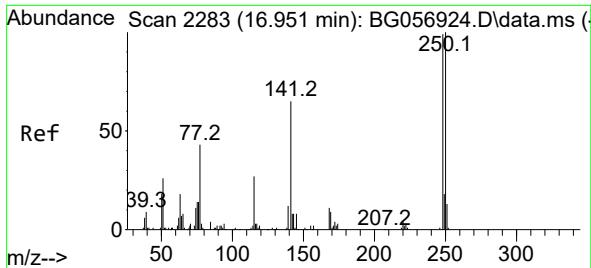
Ion Ratio Lower Upper

188 100

94 5.4 4.6 6.8

80 7.0 5.5 8.3

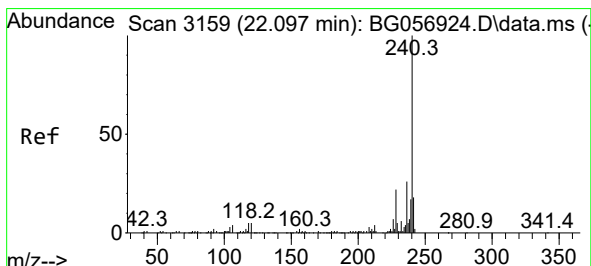
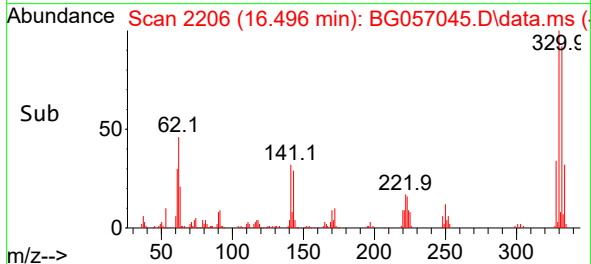
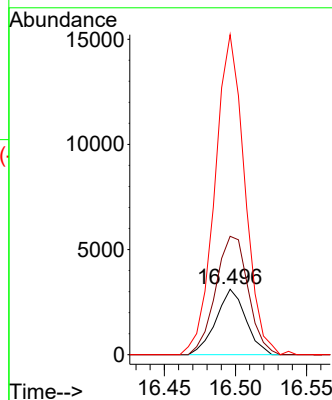
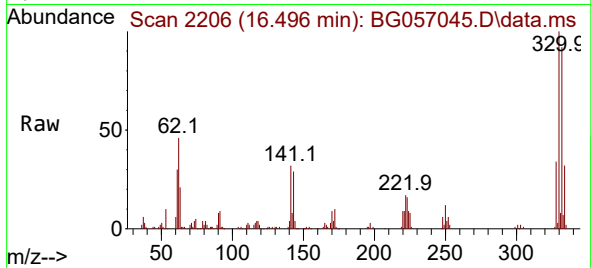




#67
4-Bromophenyl-phenylether
Concen: 3.296 ng
RT: 16.496 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

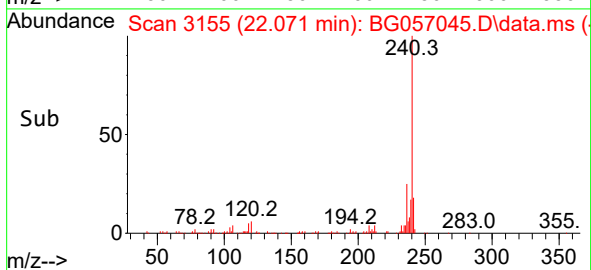
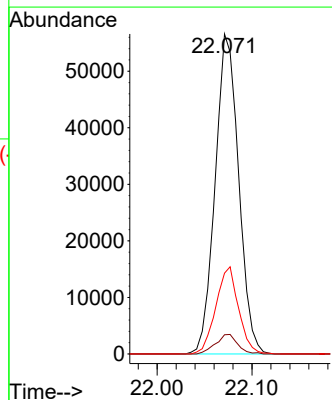
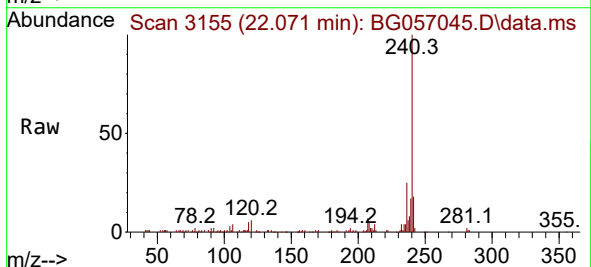
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-09

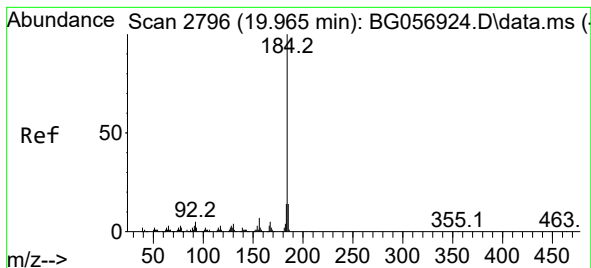
Tgt Ion:248 Resp: 4542
Ion Ratio Lower Upper
248 100
250 181.2 80.5 120.7#
141 489.4 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

Tgt Ion:240 Resp: 97410
Ion Ratio Lower Upper
240 100
120 6.0 3.8 5.6#
236 25.3 21.0 31.6





#77

Benzidine

Concen: 2.432 ng

RT: 20.326 min Scan# 2858

Delta R.T. 0.375 min

Lab File: BG057045.D

Acq: 10 Apr 2023 14:48

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-09

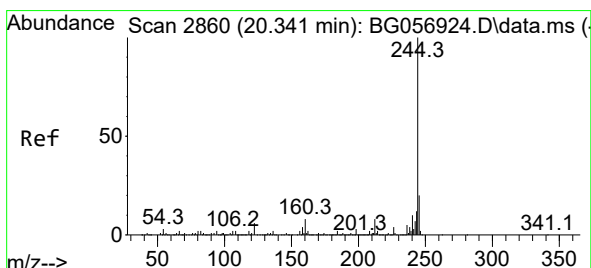
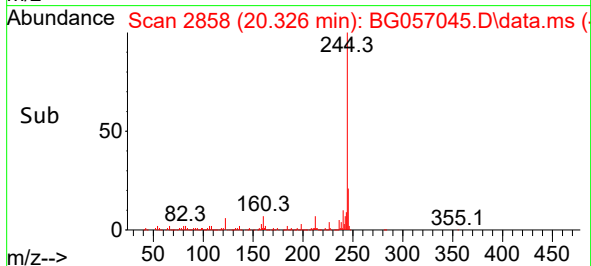
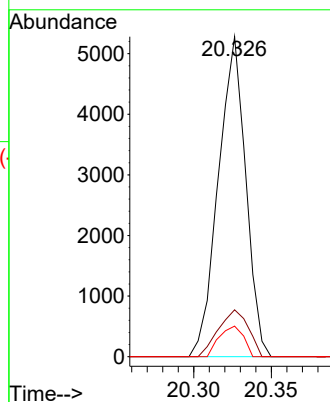
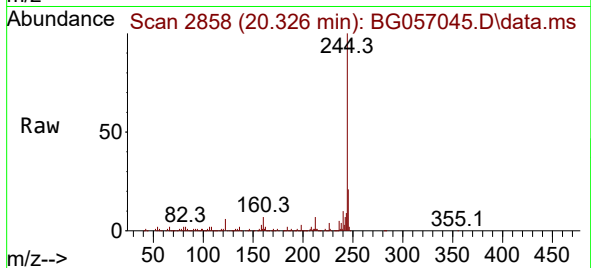
Tgt Ion:184 Resp: 6476

Ion Ratio Lower Upper

184 100

185 14.7 11.0 16.4

183 9.6 11.4 17.0#



#79

Terphenyl-d14

Concen: 68.799 ng

RT: 20.326 min Scan# 2858

Delta R.T. -0.001 min

Lab File: BG057045.D

Acq: 10 Apr 2023 14:48

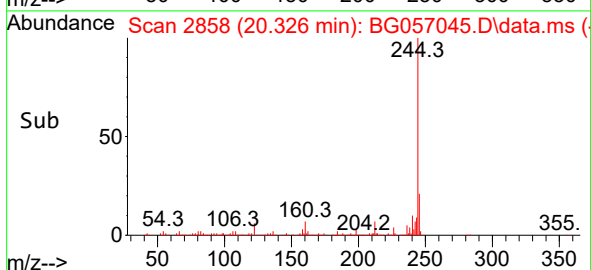
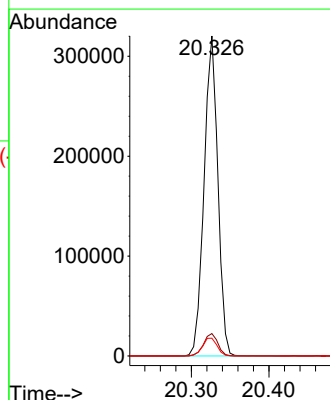
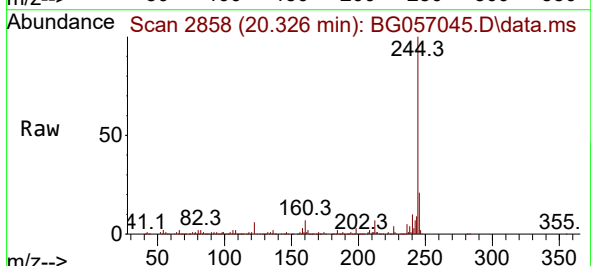
Tgt Ion:244 Resp: 396045

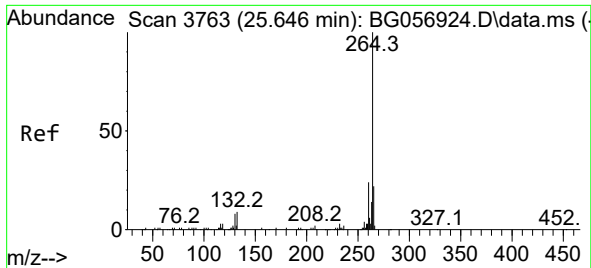
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 5.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.607 min Scan# 31
 Delta R.T. -0.024 min
 Lab File: BG057045.D
 Acq: 10 Apr 2023 14:48

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-09

Tgt Ion:264 Resp: 106502
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.0 28.4
 265 23.2 17.8 26.6

