

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057043.D
 Acq On : 10 Apr 2023 13:24
 Operator : CG/JU
 Sample : 02224-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-13

Quant Time: Apr 11 04:12:21 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)

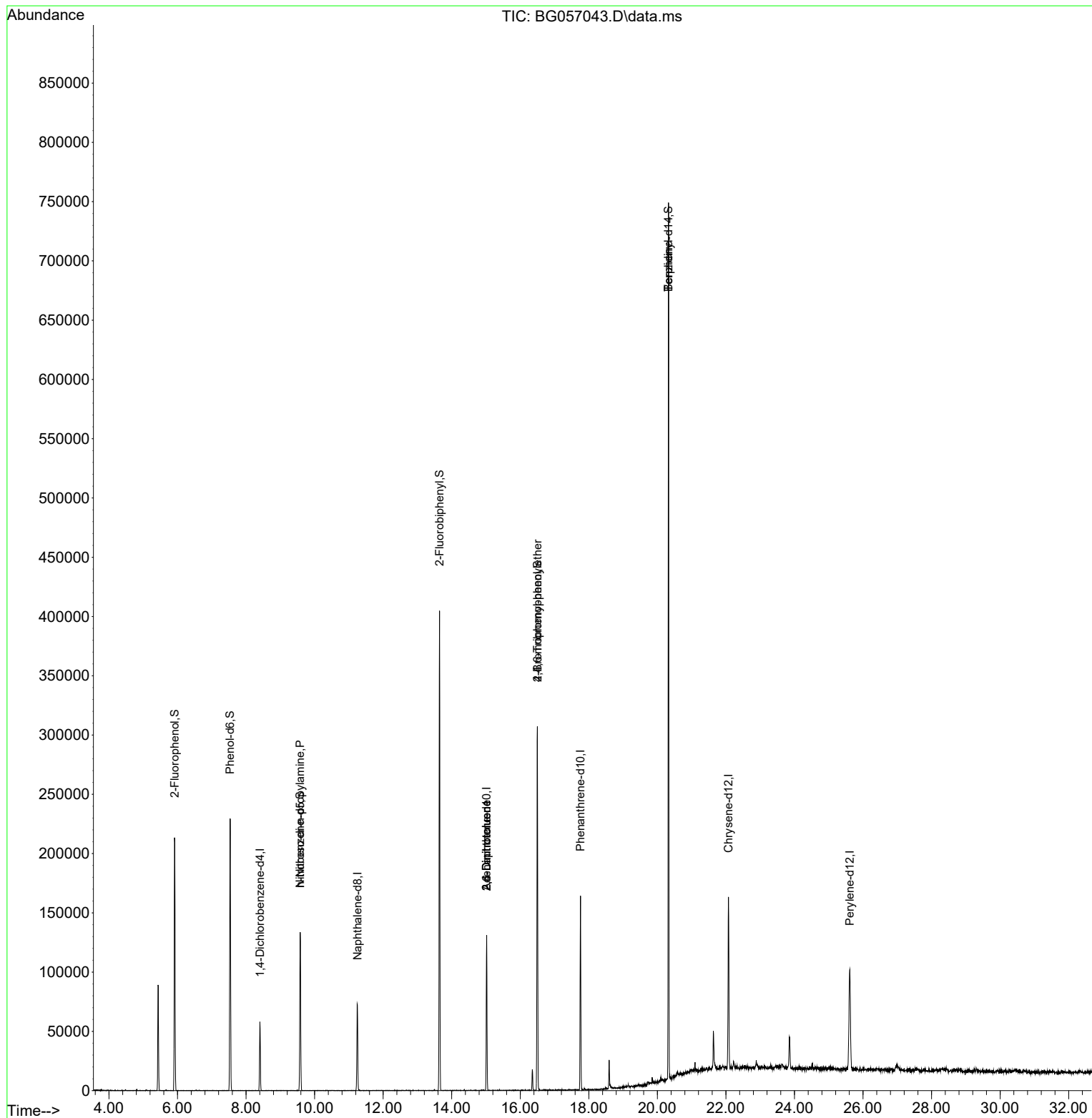
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	16017	20.000	ng	0.00
21) Naphthalene-d8	11.247	136	63146	20.000	ng	# 0.00
39) Acenaphthene-d10	15.019	164	45501	20.000	ng	0.00
64) Phenanthrene-d10	17.756	188	105024	20.000	ng	0.00
76) Chrysene-d12	22.074	240	91961	20.000	ng	0.00
86) Perylene-d12	25.610	264	101559	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.919	112	92860	92.787	ng	0.00
7) Phenol-d6	7.535	99	129609	86.591	ng	0.00
23) Nitrobenzene-d5	9.579	82	85150	55.176	ng	0.00
42) 2,4,6-Tribromophenol	16.499	330	64381	88.570	ng	0.00
45) 2-Fluorobiphenyl	13.644	172	201757	60.127	ng	0.00
79) Terphenyl-d14	20.323	244	355528	65.420	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.579	70	11572	10.809	ng	# 81
51) 2,6-Dinitrotoluene	15.019	165	5799	7.486	ng	# 18
57) 2,4-Dinitrotoluene	15.019	165	5799	5.308	ng	# 18
67) 4-Bromophenyl-phenylether	16.499	248	4222	3.249	ng	# 1
77) Benzidine	20.323	184	5393	2.146	ng	# 89

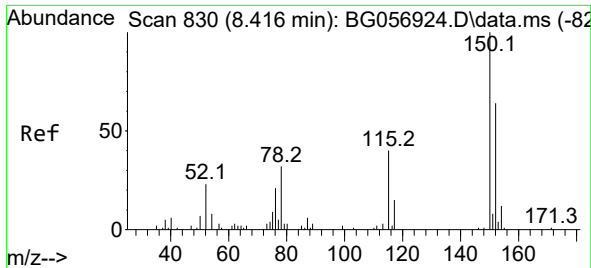
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

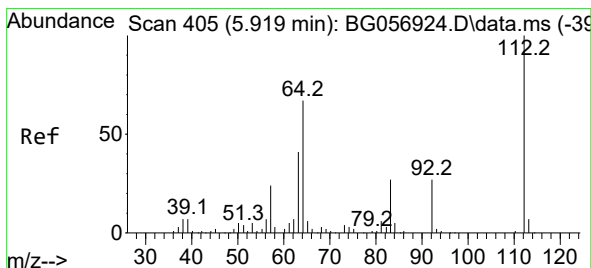
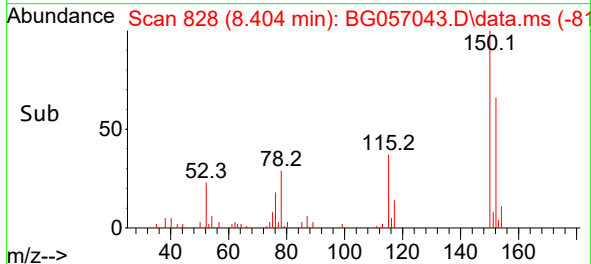
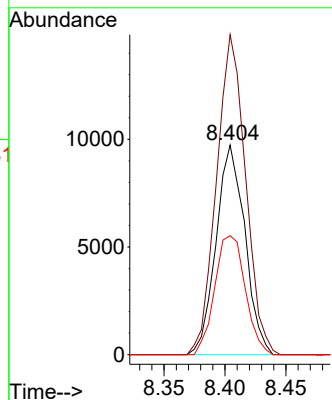
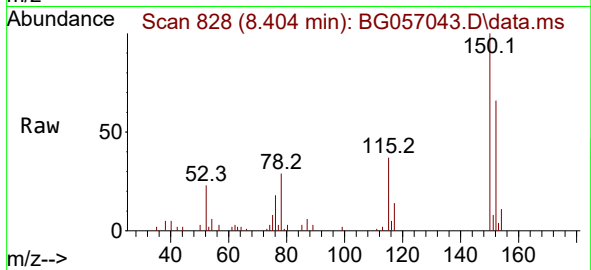




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.404 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

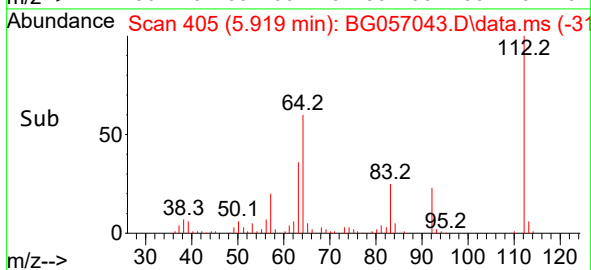
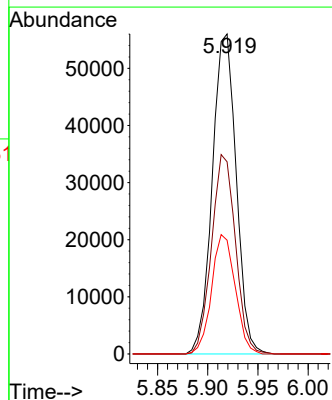
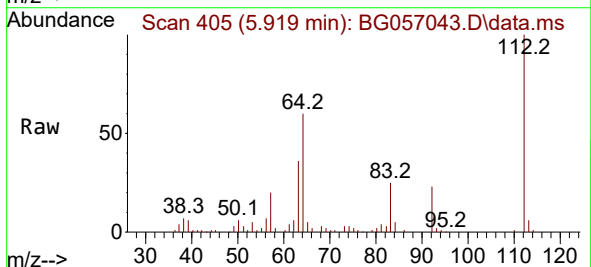
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-13

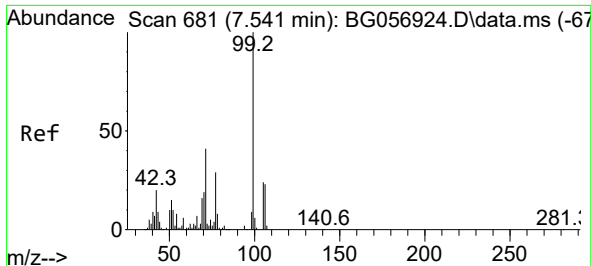
Tgt Ion:152 Resp: 16017
Ion Ratio Lower Upper
152 100
150 152.6 124.1 186.1
115 56.8 49.1 73.7



#5
2-Fluorophenol
Concen: 92.787 ng
RT: 5.919 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

Tgt Ion:112 Resp: 92860
Ion Ratio Lower Upper
112 100
64 60.1 53.2 79.8
63 35.6 32.6 48.8

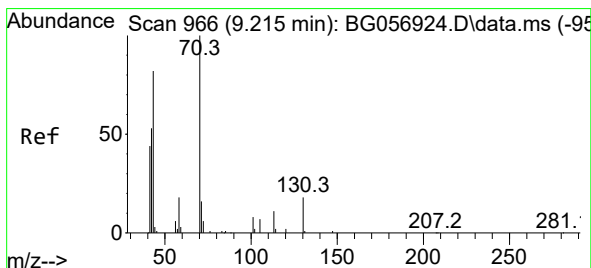
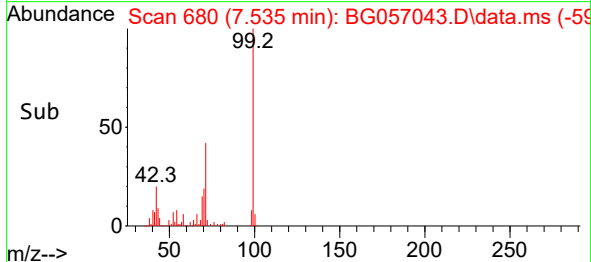
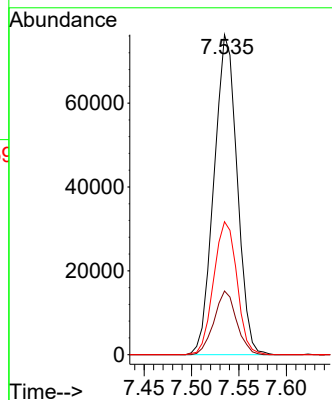
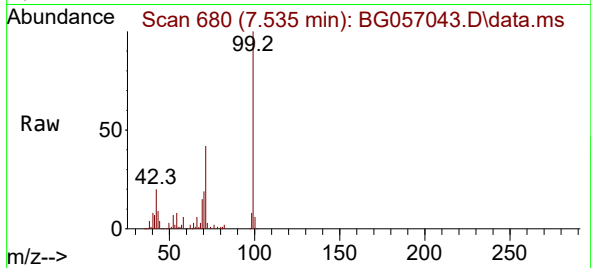




#7
Phenol-d6
Concen: 86.591 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

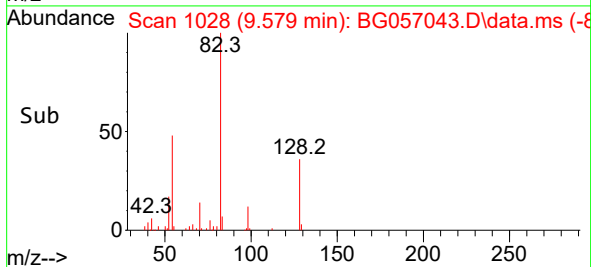
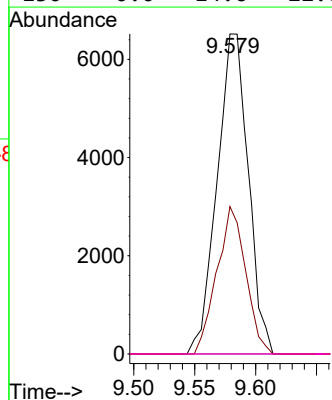
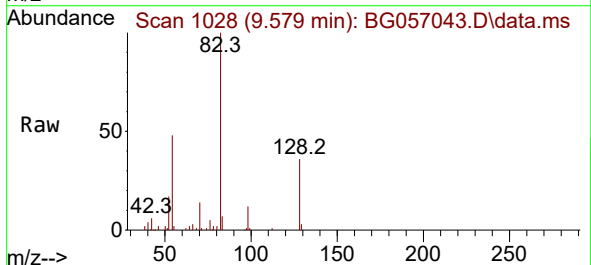
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-13

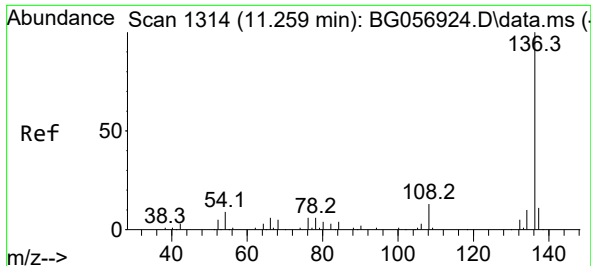
Tgt Ion: 99 Resp: 129609
Ion Ratio Lower Upper
99 100
42 19.9 15.7 23.5
71 41.6 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.809 ng
RT: 9.579 min Scan# 1028
Delta R.T. 0.367 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

Tgt Ion: 70 Resp: 11572
Ion Ratio Lower Upper
70 100
42 46.0 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

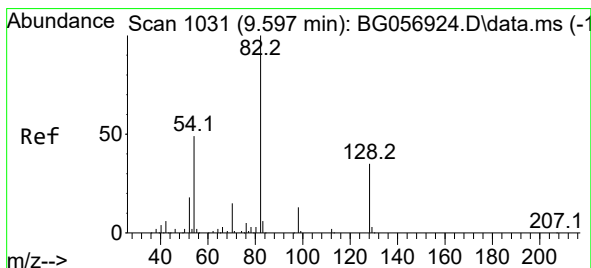
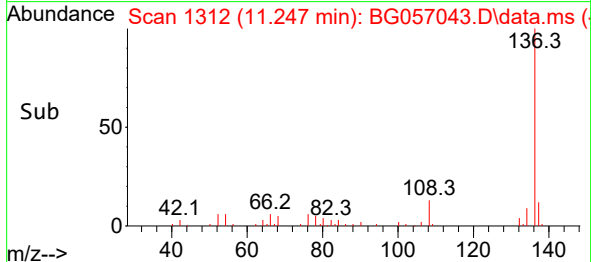
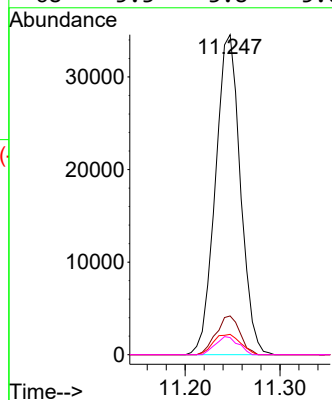
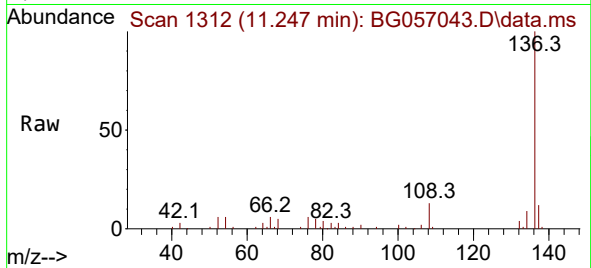




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.247 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

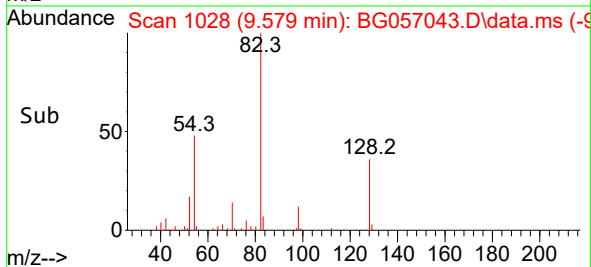
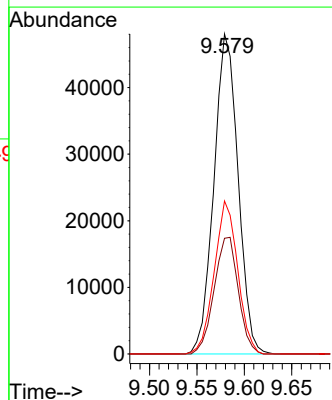
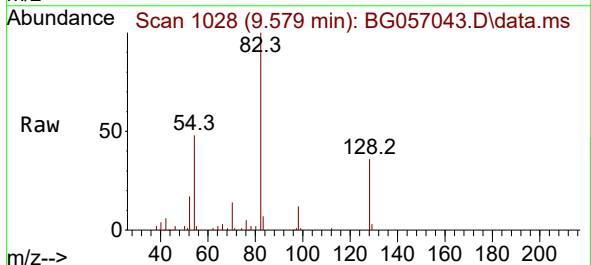
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-13

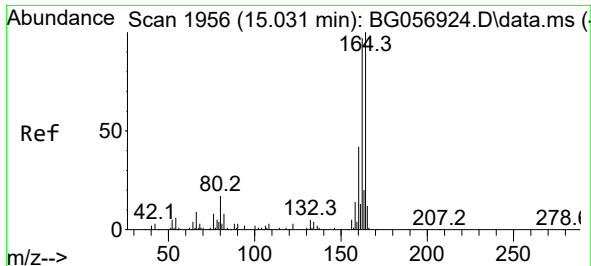
Tgt Ion:136 Resp: 63146
Ion Ratio Lower Upper
136 100
137 12.1 8.6 13.0
54 6.3 6.9 10.3#
68 5.3 3.8 5.6



#23
Nitrobenzene-d5
Concen: 55.176 ng
RT: 9.579 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

Tgt Ion: 82 Resp: 85150
Ion Ratio Lower Upper
82 100
128 36.1 27.9 41.9
54 47.8 39.4 59.2

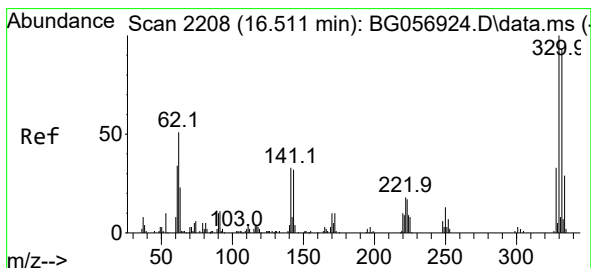
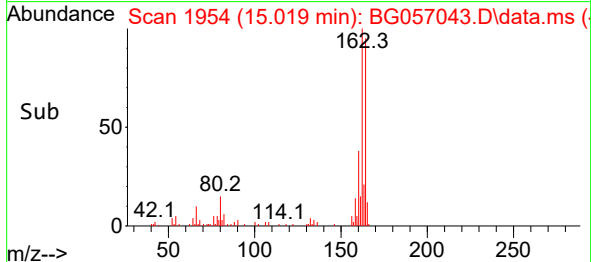
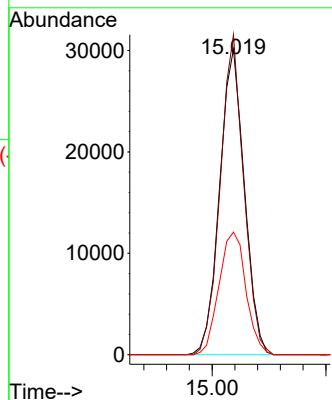
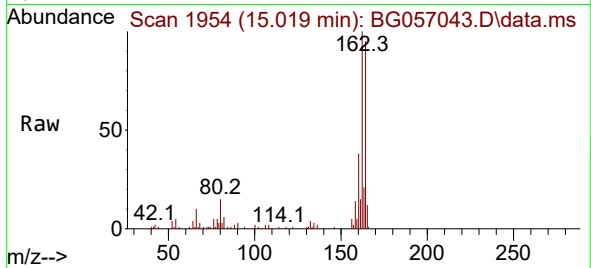




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.019 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

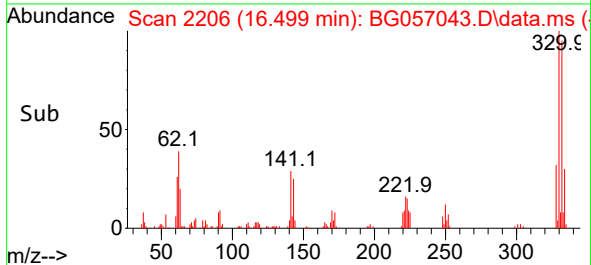
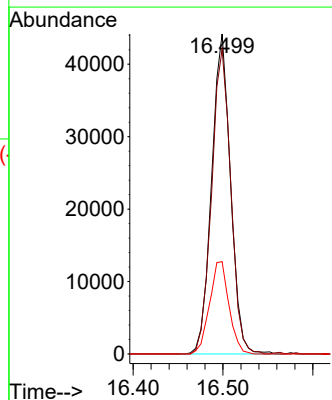
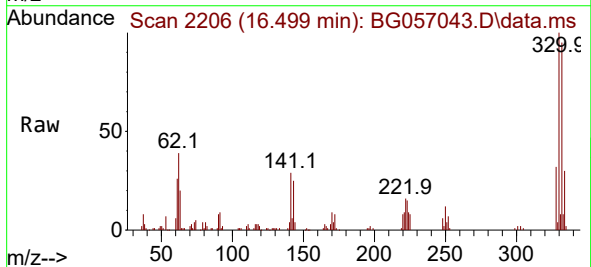
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-13

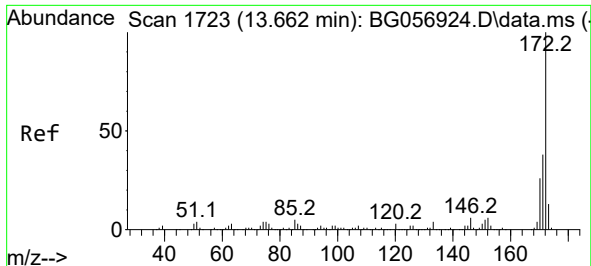
Tgt Ion:164 Resp: 45501
Ion Ratio Lower Upper
164 100
162 104.7 77.8 116.8
160 40.1 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 88.570 ng
RT: 16.499 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

Tgt Ion:330 Resp: 64381
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 29.8 25.8 38.6

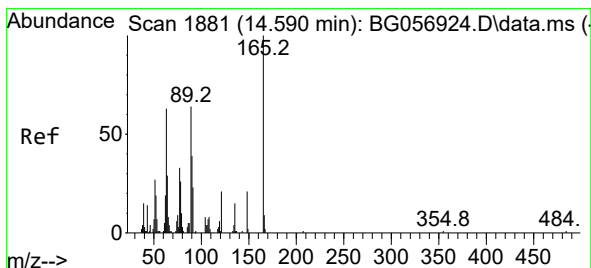
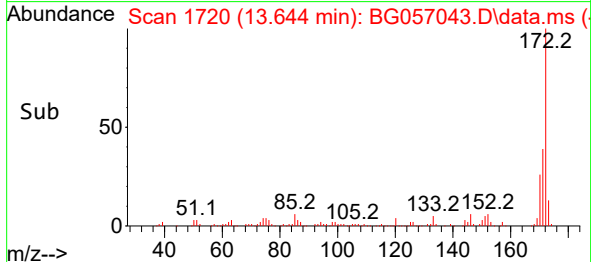
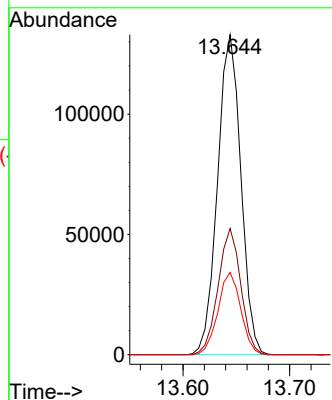
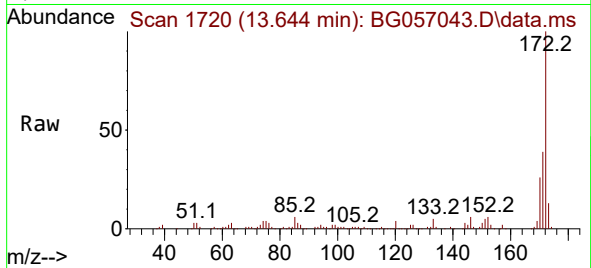




#45
2-Fluorobiphenyl
Concen: 60.127 ng
RT: 13.644 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

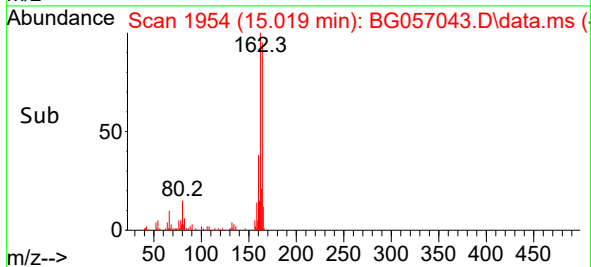
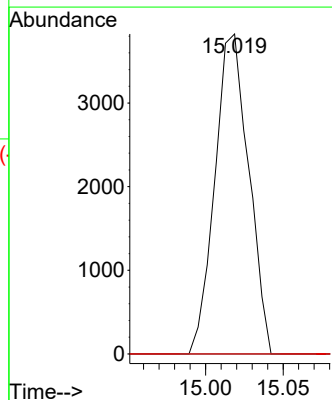
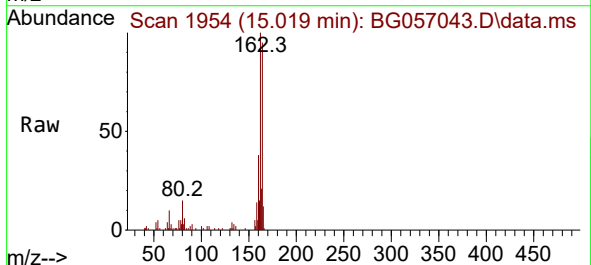
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ClientSampleId :
OU3-FC-BACKFILL-13

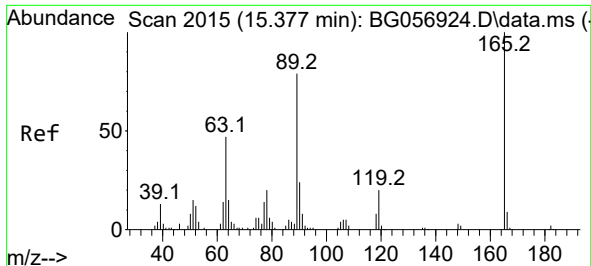
Tgt Ion:172 Resp: 201757
Ion Ratio Lower Upper
172 100
171 39.4 30.6 46.0
170 25.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.486 ng
RT: 15.019 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

Tgt Ion:165 Resp: 5799
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: 5.308 ng

RT: 15.019 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057043.D

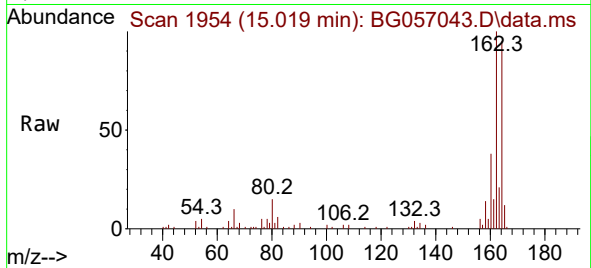
Acq: 10 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-13



Tgt Ion:165 Resp: 5799

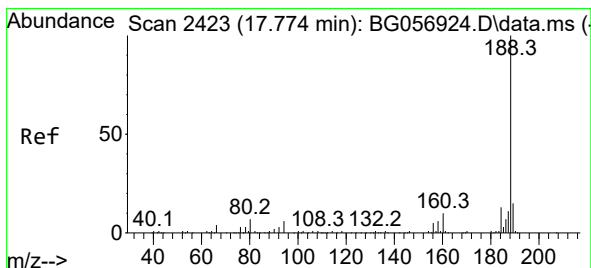
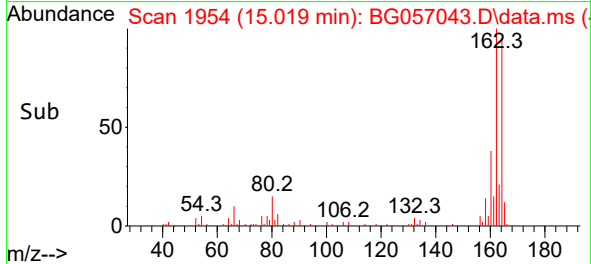
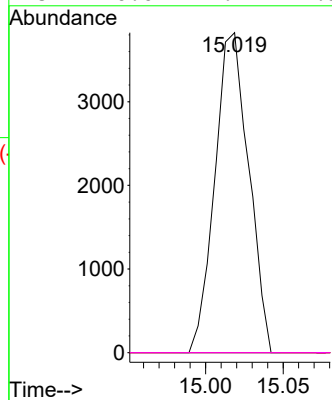
Ion Ratio Lower Upper

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: 17.756 min Scan# 2420

Delta R.T. -0.004 min

Lab File: BG057043.D

Acq: 10 Apr 2023 13:24

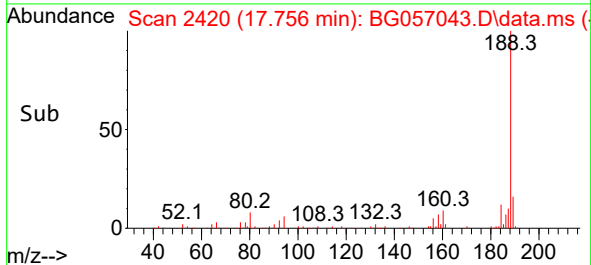
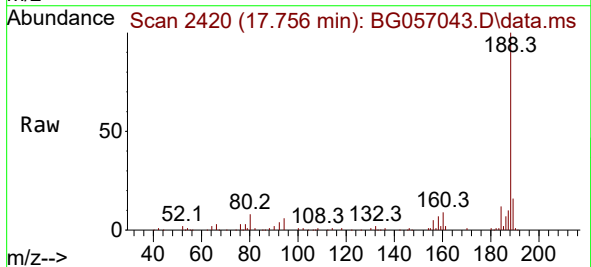
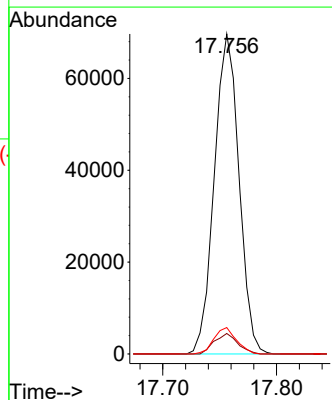
Tgt Ion:188 Resp: 105024

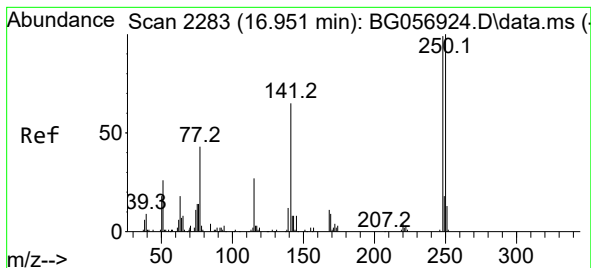
Ion Ratio Lower Upper

188 100

94 6.4 4.6 6.8

80 8.3 5.5 8.3

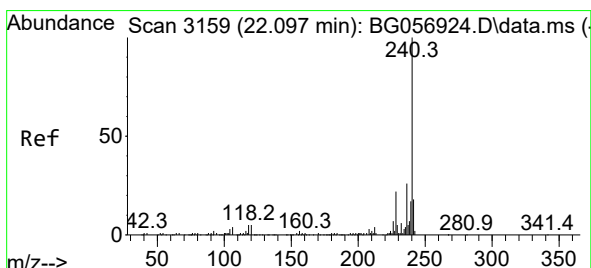
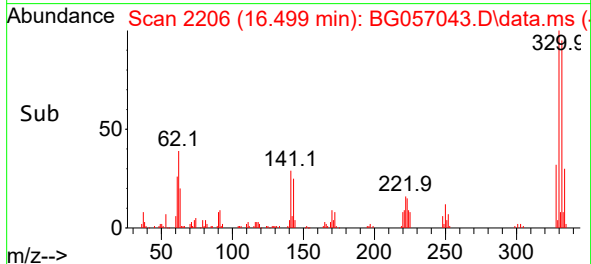
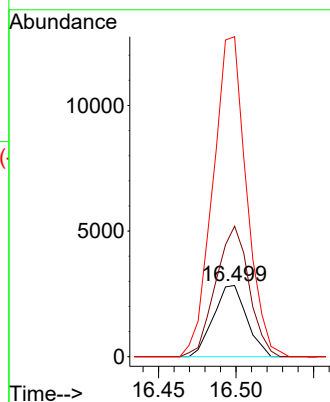
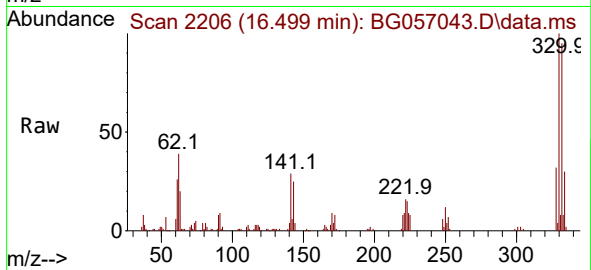




#67
4-Bromophenyl-phenylether
Concen: 3.249 ng
RT: 16.499 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

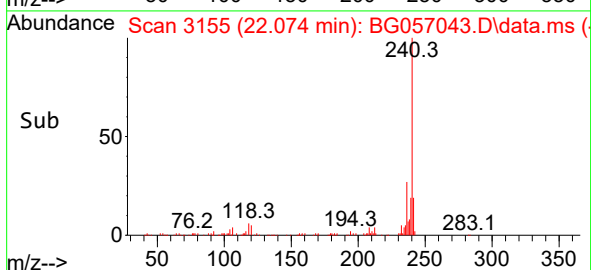
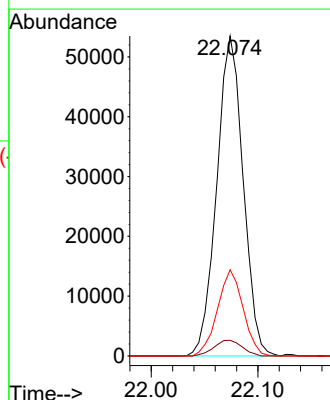
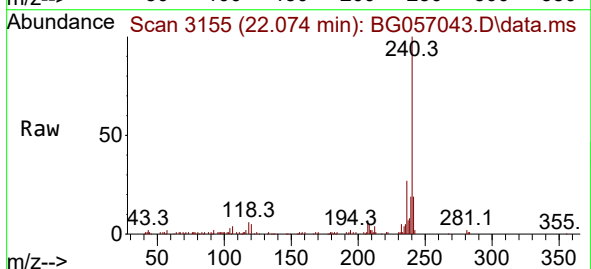
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-13

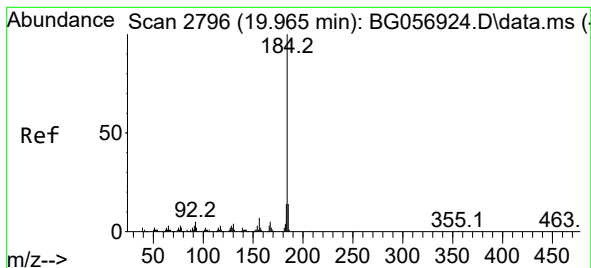
Tgt Ion:248 Resp: 4222
Ion Ratio Lower Upper
248 100
250 183.1 80.5 120.7#
141 448.9 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.074 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

Tgt Ion:240 Resp: 91961
Ion Ratio Lower Upper
240 100
120 4.9 3.8 5.6
236 26.9 21.0 31.6





#77

Benzidine

Concen: 2.146 ng

RT: 20.323 min Scan# 2857

Delta R.T. 0.372 min

Lab File: BG057043.D

Acq: 10 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-13

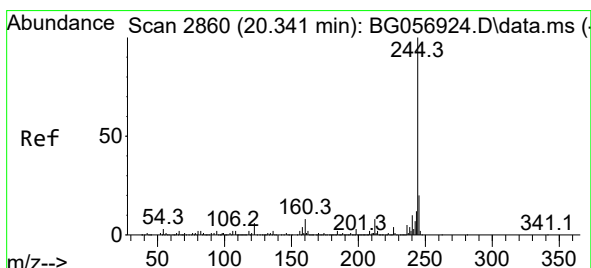
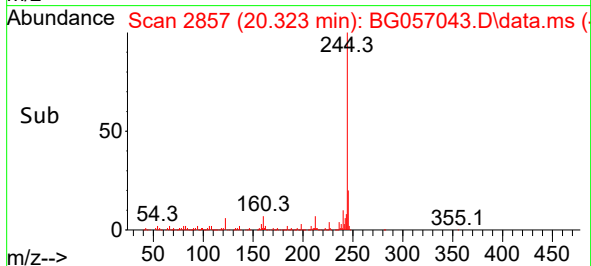
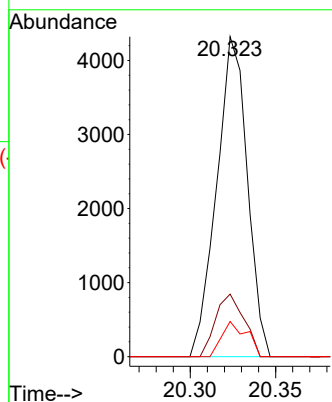
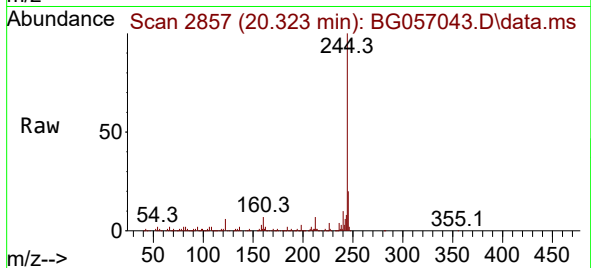
Tgt Ion:184 Resp: 5393

Ion Ratio Lower Upper

184 100

185 19.5 11.0 16.4#

183 11.0 11.4 17.0#



#79

Terphenyl-d14

Concen: 65.420 ng

RT: 20.323 min Scan# 2857

Delta R.T. -0.004 min

Lab File: BG057043.D

Acq: 10 Apr 2023 13:24

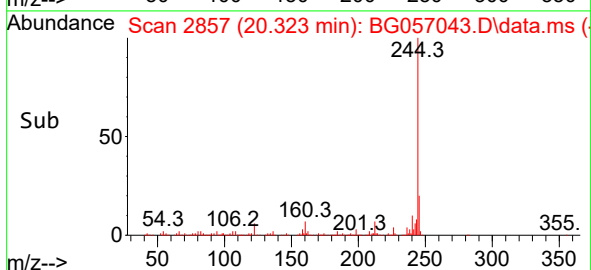
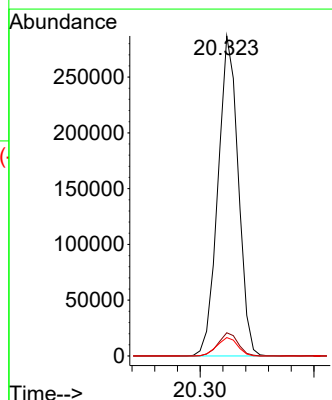
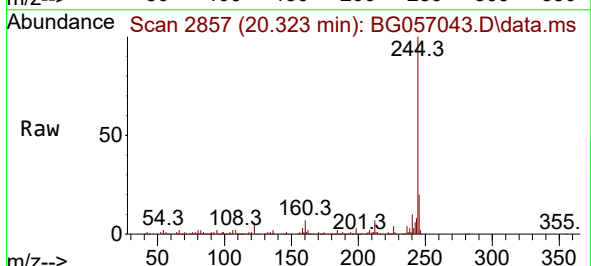
Tgt Ion:244 Resp: 355528

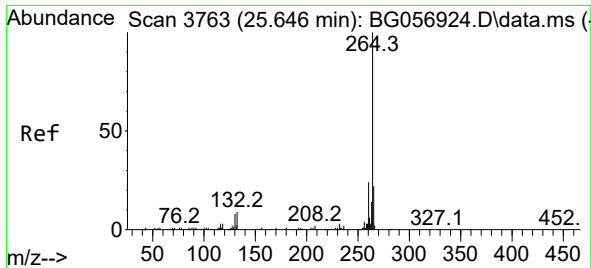
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

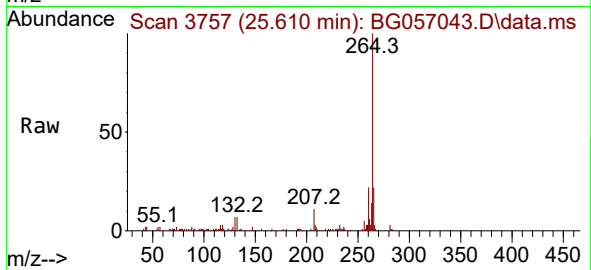
122 5.8 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.610 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-13



Tgt Ion:264 Resp: 101559

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	22.0	17.8	26.6

