

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057033.D
 Acq On : 7 Apr 2023 19:26
 Operator : CG/JU
 Sample : 02224-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-10

Quant Time: Apr 08 04:51:56 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)

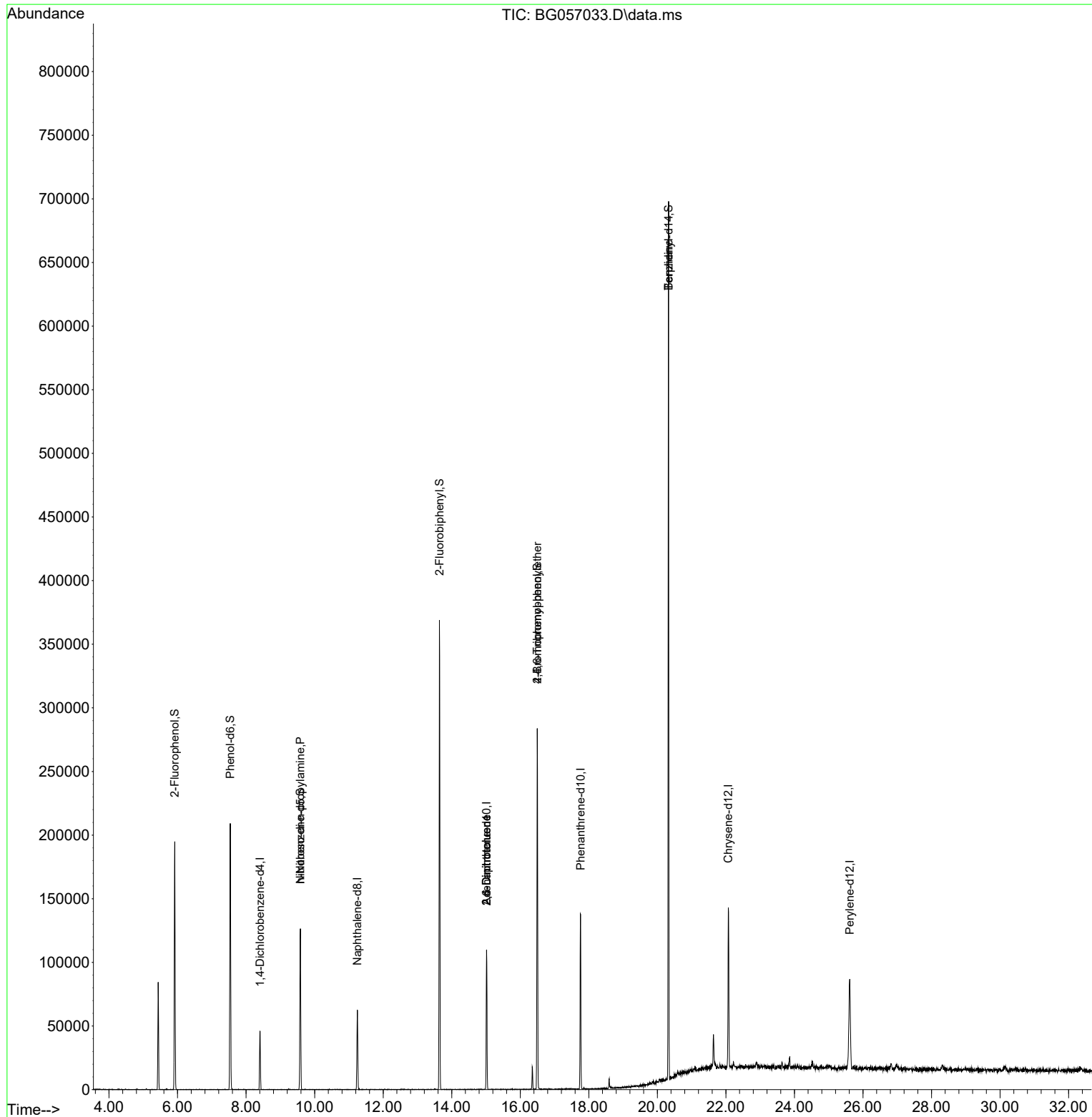
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	12906	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	52673	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	38775	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	92868	20.000	ng	0.00
76) Chrysene-d12	22.071	240	78319	20.000	ng	-0.01
86) Perylene-d12	25.614	264	83681	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	82515	102.325	ng	0.00
7) Phenol-d6	7.538	99	119621	99.182	ng	0.00
23) Nitrobenzene-d5	9.582	82	78356	60.869	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	59714	96.399	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	187098	65.431	ng	0.00
79) Terphenyl-d14	20.327	244	338246	73.081	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.582	70	11314	13.115	ng	# 77
51) 2,6-Dinitrotoluene	15.016	165	5278	7.996	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	5278	5.669	ng	# 18
67) 4-Bromophenyl-phenylether	16.497	248	3482	3.030	ng	# 1
77) Benzidine	20.327	184	5160	2.410	ng	# 76

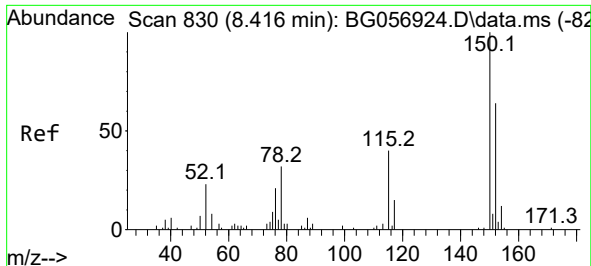
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
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Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

Quant Time: Apr 08 04:51:56 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

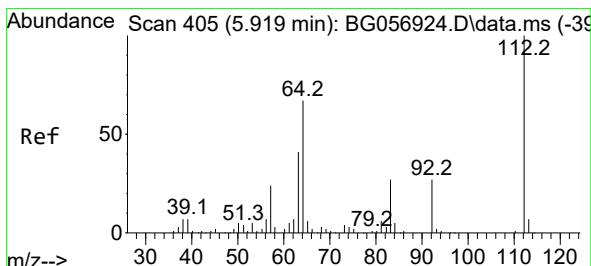
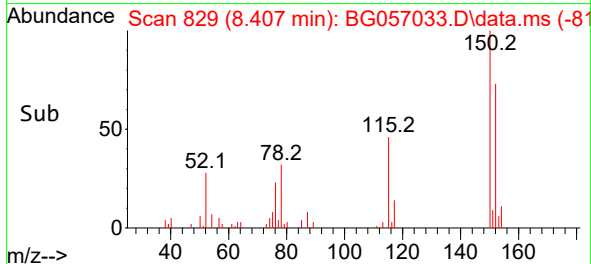
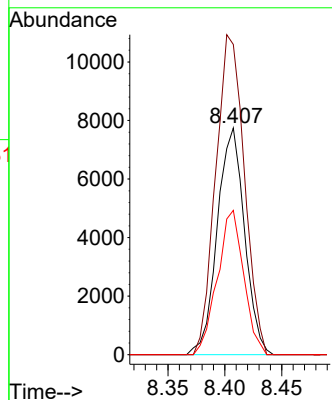
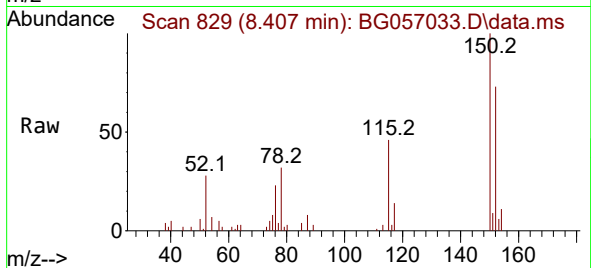




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

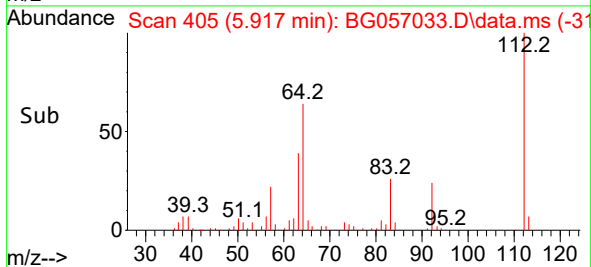
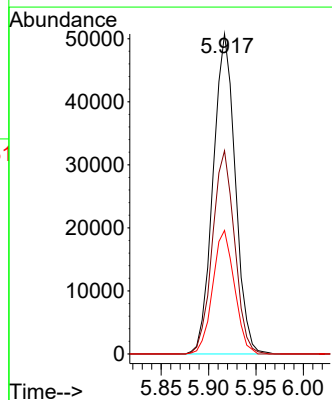
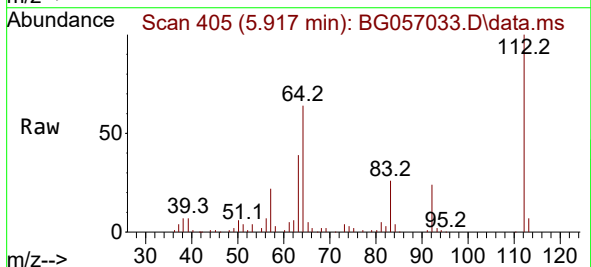
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

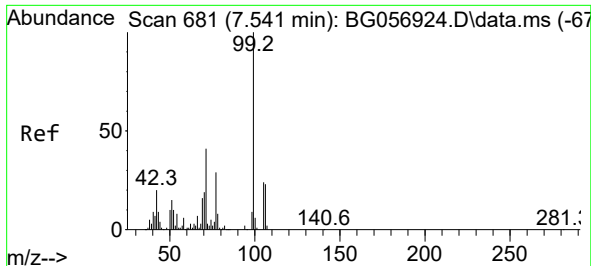
Tgt Ion:152 Resp: 12906
Ion Ratio Lower Upper
152 100
150 136.9 124.1 186.1
115 63.6 49.1 73.7



#5
2-Fluorophenol
Concen: 102.325 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

Tgt Ion:112 Resp: 82515
Ion Ratio Lower Upper
112 100
64 63.5 53.2 79.8
63 38.6 32.6 48.8

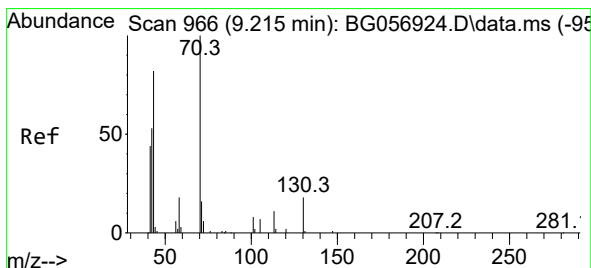
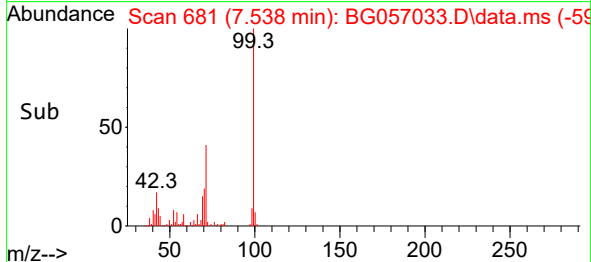
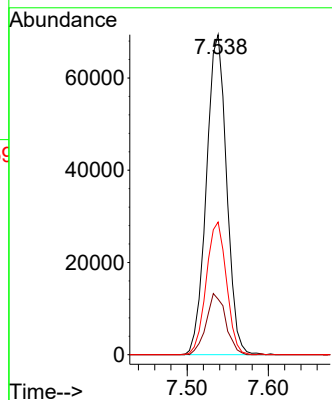
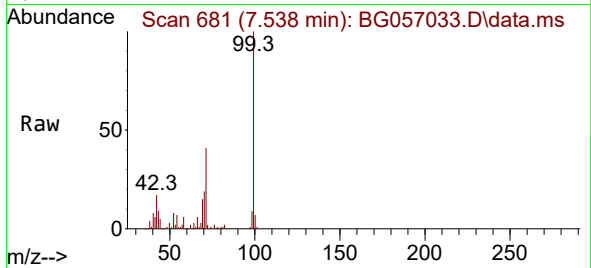




#7
Phenol-d6
Concen: 99.182 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

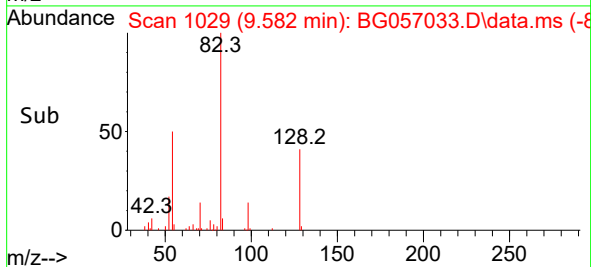
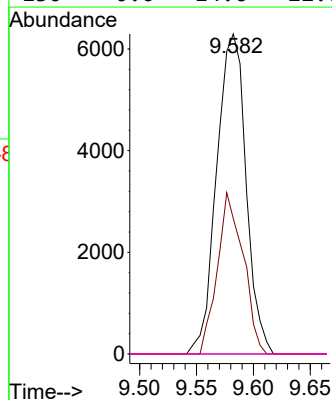
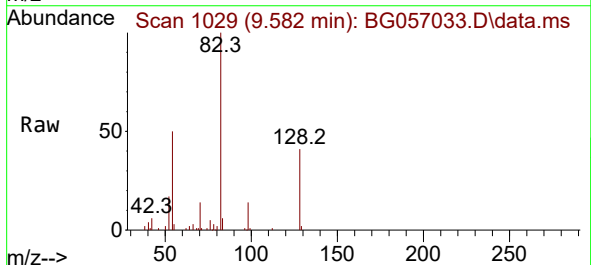
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

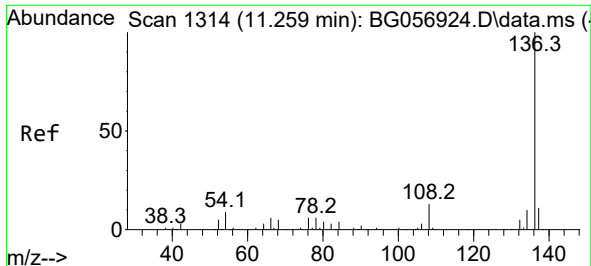
Tgt Ion: 99 Resp: 119621
Ion Ratio Lower Upper
99 100
42 17.3 15.7 23.5
71 41.4 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.115 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.370 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

Tgt Ion: 70 Resp: 11314
Ion Ratio Lower Upper
70 100
42 42.2 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

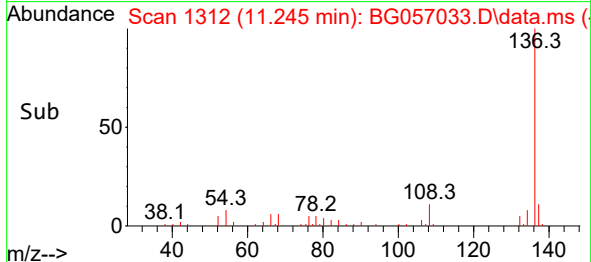
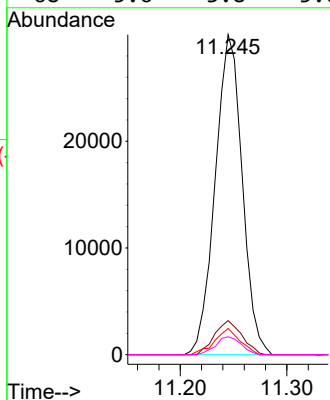
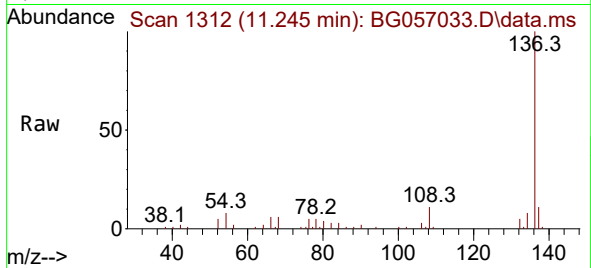




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

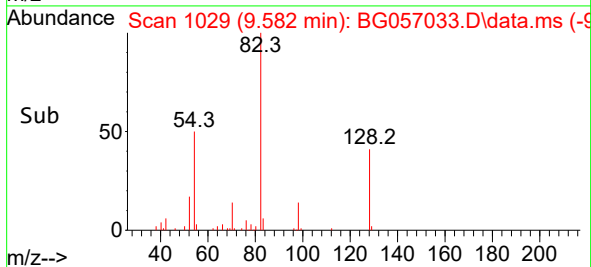
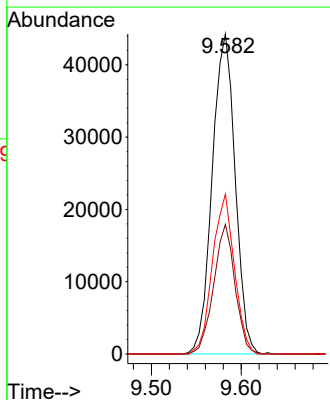
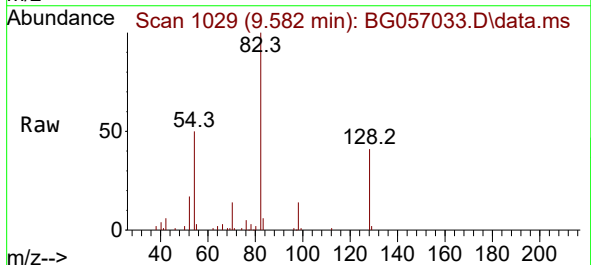
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

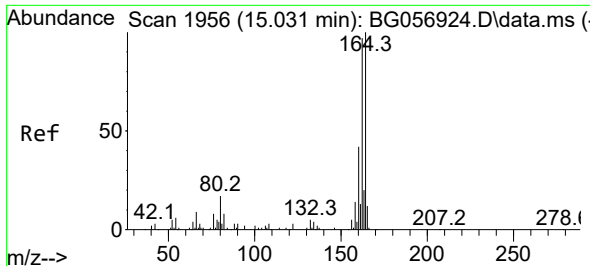
Tgt Ion:136	Resp:	52673
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	8.2	6.9 10.3
68	5.6	3.8 5.6



#23
Nitrobenzene-d5
Concen: 60.869 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

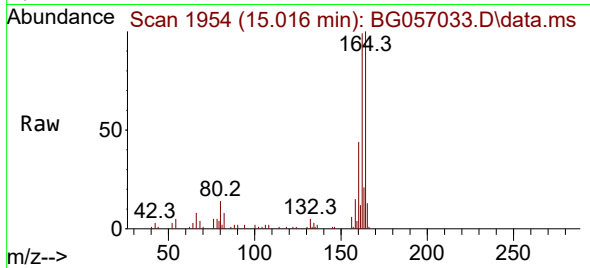
Tgt Ion: 82	Resp:	78356
Ion Ratio	Lower	Upper
82	100	
128	40.5	27.9 41.9
54	50.0	39.4 59.2



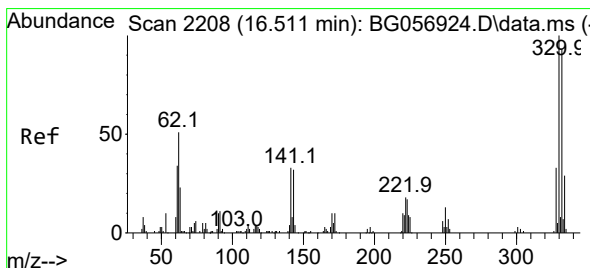
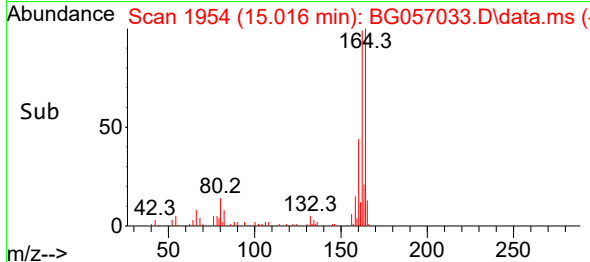
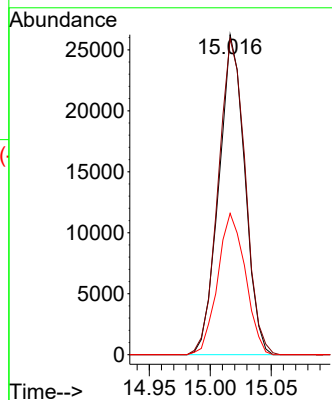


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

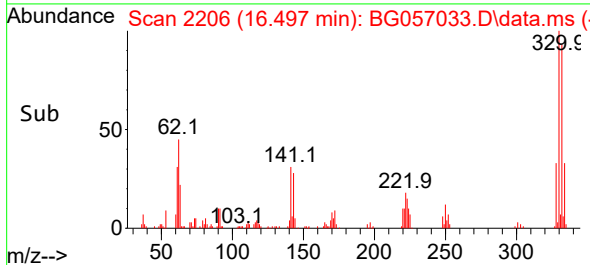
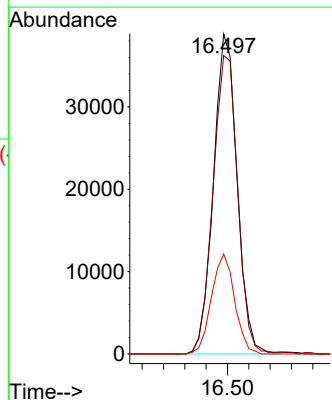
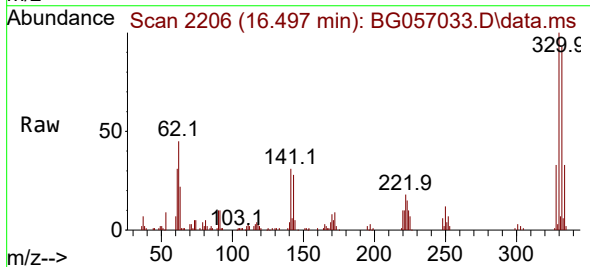


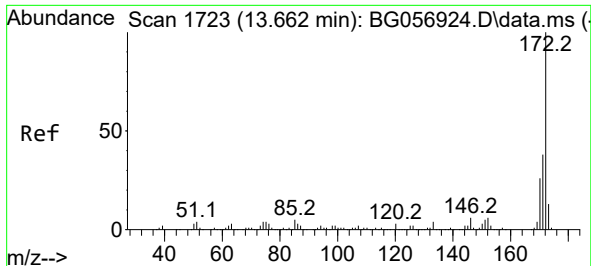
Tgt Ion:164 Resp: 38775
Ion Ratio Lower Upper
164 100
162 98.8 77.8 116.8
160 44.1 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 96.399 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

Tgt Ion:330 Resp: 59714
Ion Ratio Lower Upper
330 100
332 97.4 76.1 114.1
141 30.6 25.8 38.6

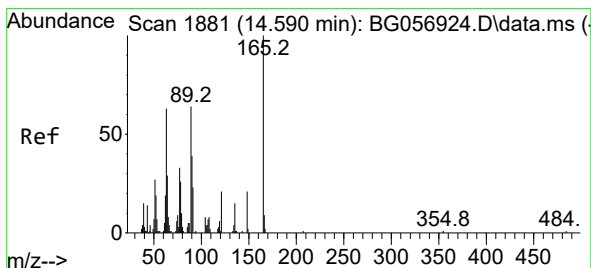
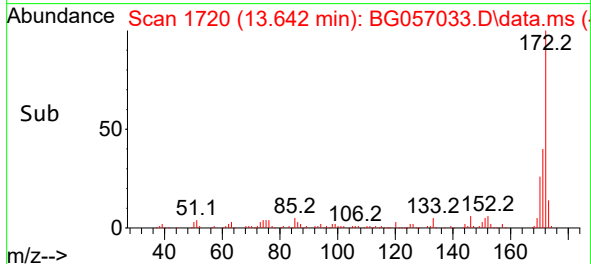
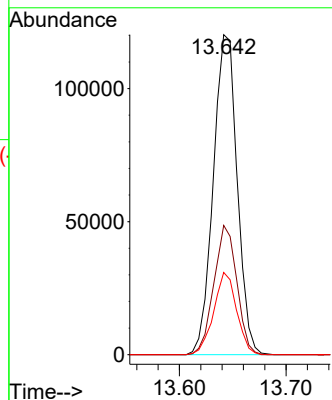
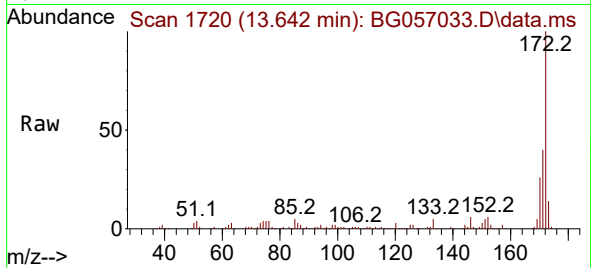




#45
2-Fluorobiphenyl
Concen: 65.431 ng
RT: 13.642 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

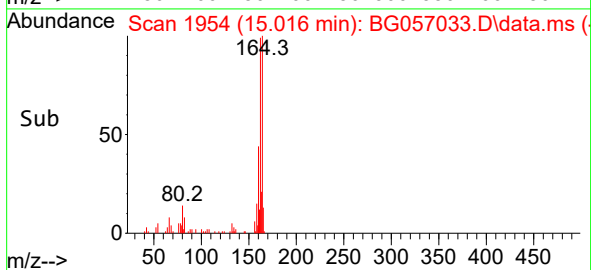
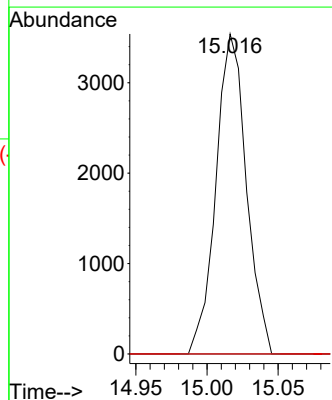
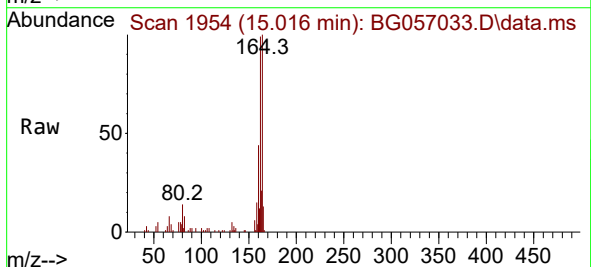
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

Tgt Ion:172 Resp: 187098
Ion Ratio Lower Upper
172 100
171 40.4 30.6 46.0
170 25.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.996 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.429 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

Tgt Ion:165 Resp: 5278
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: 5.669 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.353 min

Lab File: BG057033.D

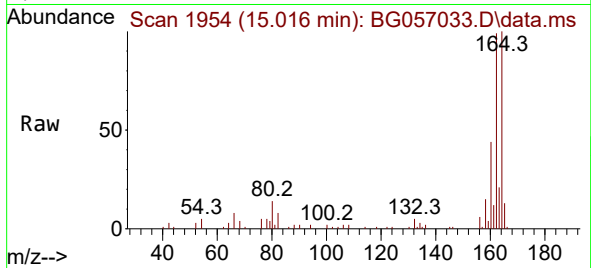
Acq: 7 Apr 2023 19:26

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-10



Tgt Ion:165 Resp: 5278

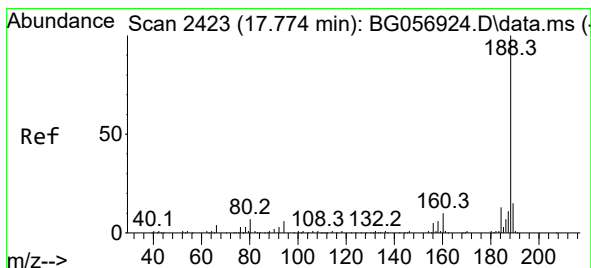
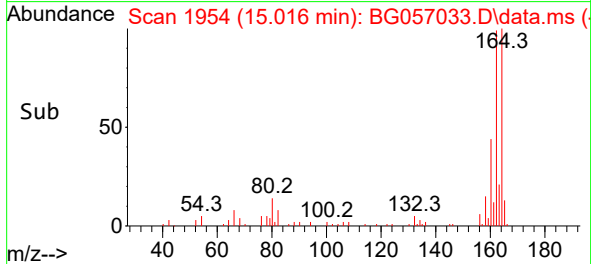
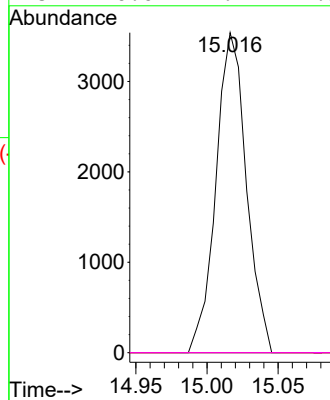
Ion Ratio Lower Upper

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: 17.760 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG057033.D

Acq: 7 Apr 2023 19:26

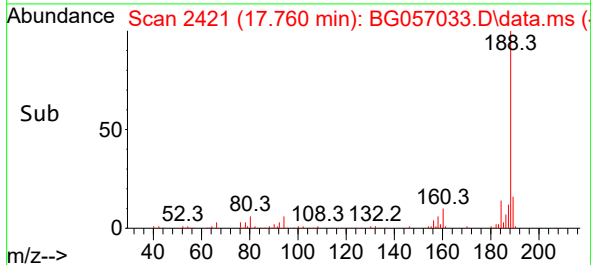
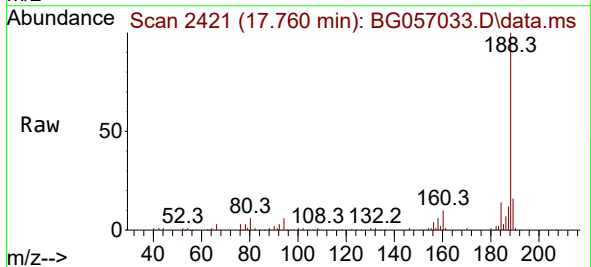
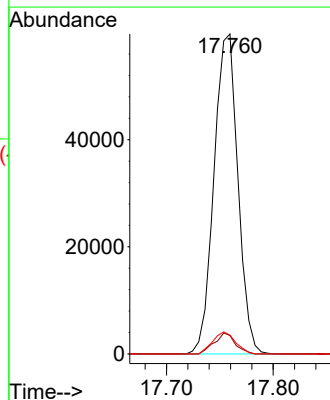
Tgt Ion:188 Resp: 92868

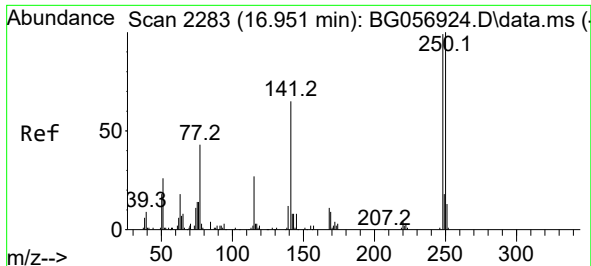
Ion Ratio Lower Upper

188 100

94 5.8 4.6 6.8

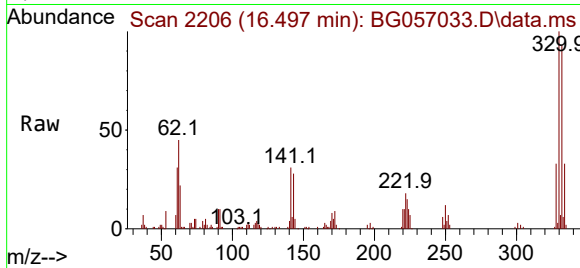
80 5.9 5.5 8.3



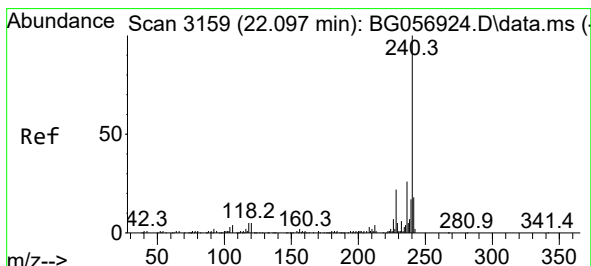
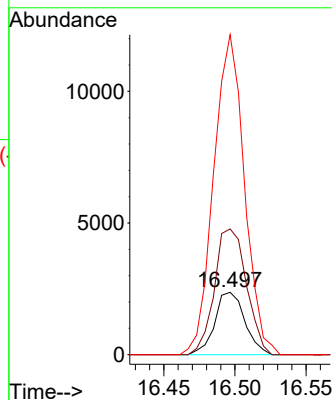
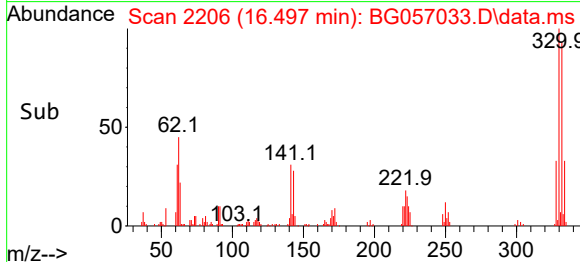


#67
4-Bromophenyl-phenylether
Concen: 3.030 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

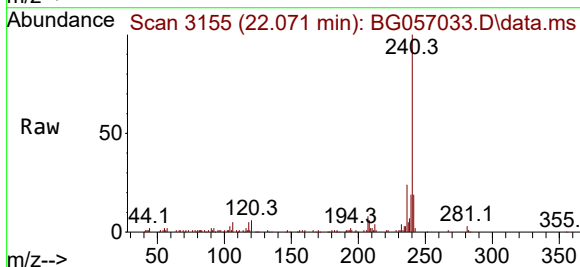
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10



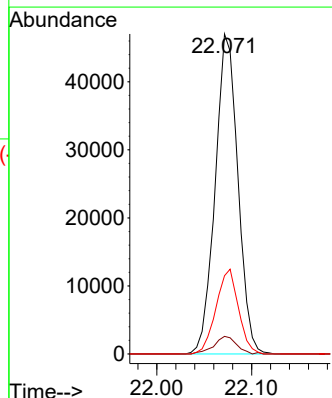
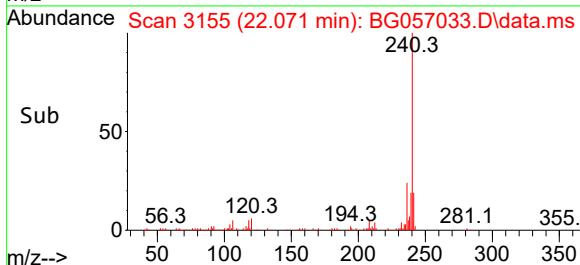
Tgt Ion:248 Resp: 3482
Ion Ratio Lower Upper
248 100
250 201.4 80.5 120.7#
141 512.5 52.0 78.0#

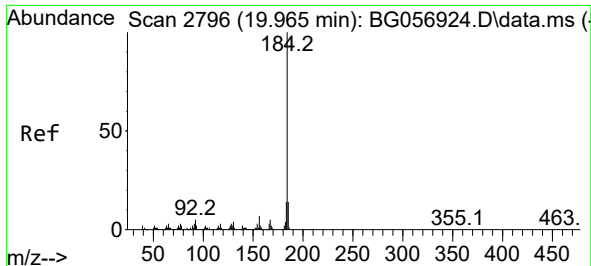


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26



Tgt Ion:240 Resp: 78319
Ion Ratio Lower Upper
240 100
120 5.5 3.8 5.6
236 24.5 21.0 31.6

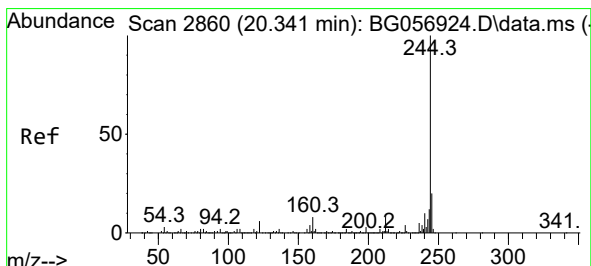
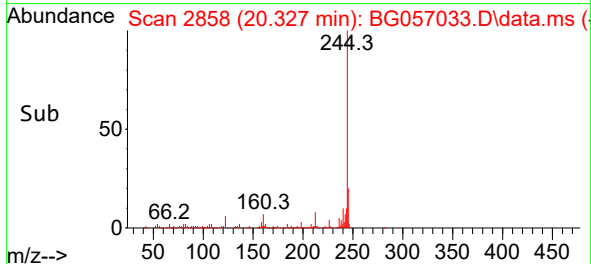
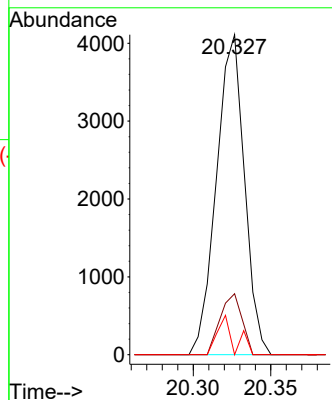
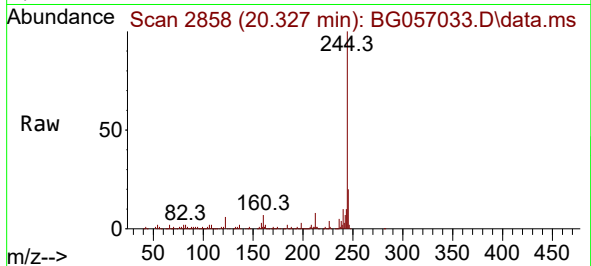




#77
Benzidine
Concen: 2.410 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.376 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

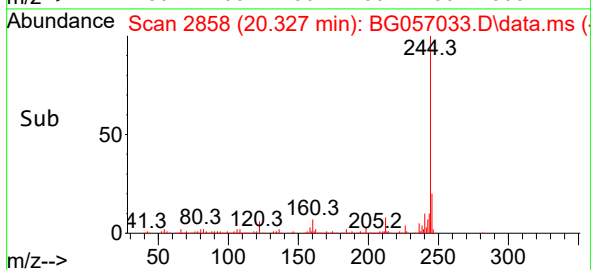
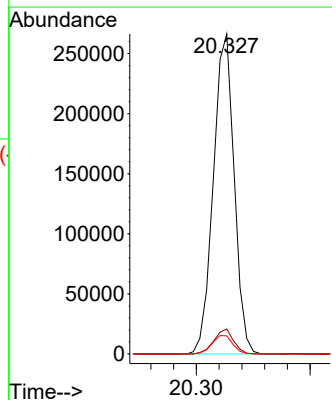
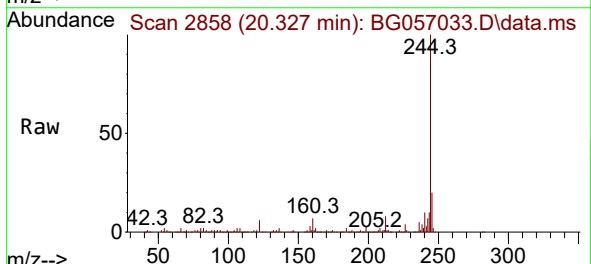
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-10

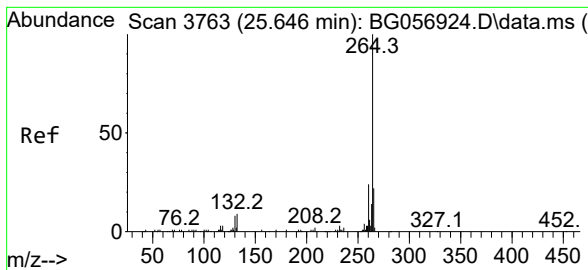
Tgt Ion:184 Resp: 5160
Ion Ratio Lower Upper
184 100
185 19.1 11.0 16.4#
183 0.0 11.4 17.0#



#79
Terphenyl-d14
Concen: 73.081 ng
RT: 20.327 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BG057033.D
Acq: 7 Apr 2023 19:26

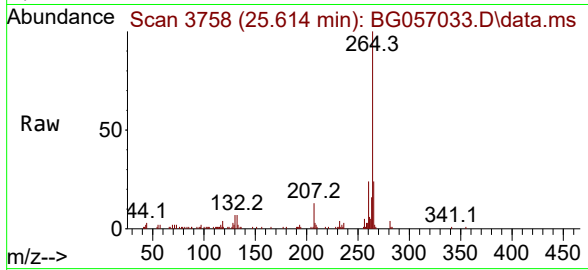
Tgt Ion:244 Resp: 338246
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 5.7 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.614 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG057033.D
 Acq: 7 Apr 2023 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-10



Tgt Ion:	264	Resp:	83681
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.4
265	23.7	17.8	26.6

