

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057044.D
 Acq On : 10 Apr 2023 14:06
 Operator : CG/JU
 Sample : 02224-27
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-14

Quant Time: Apr 11 04:12:33 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)

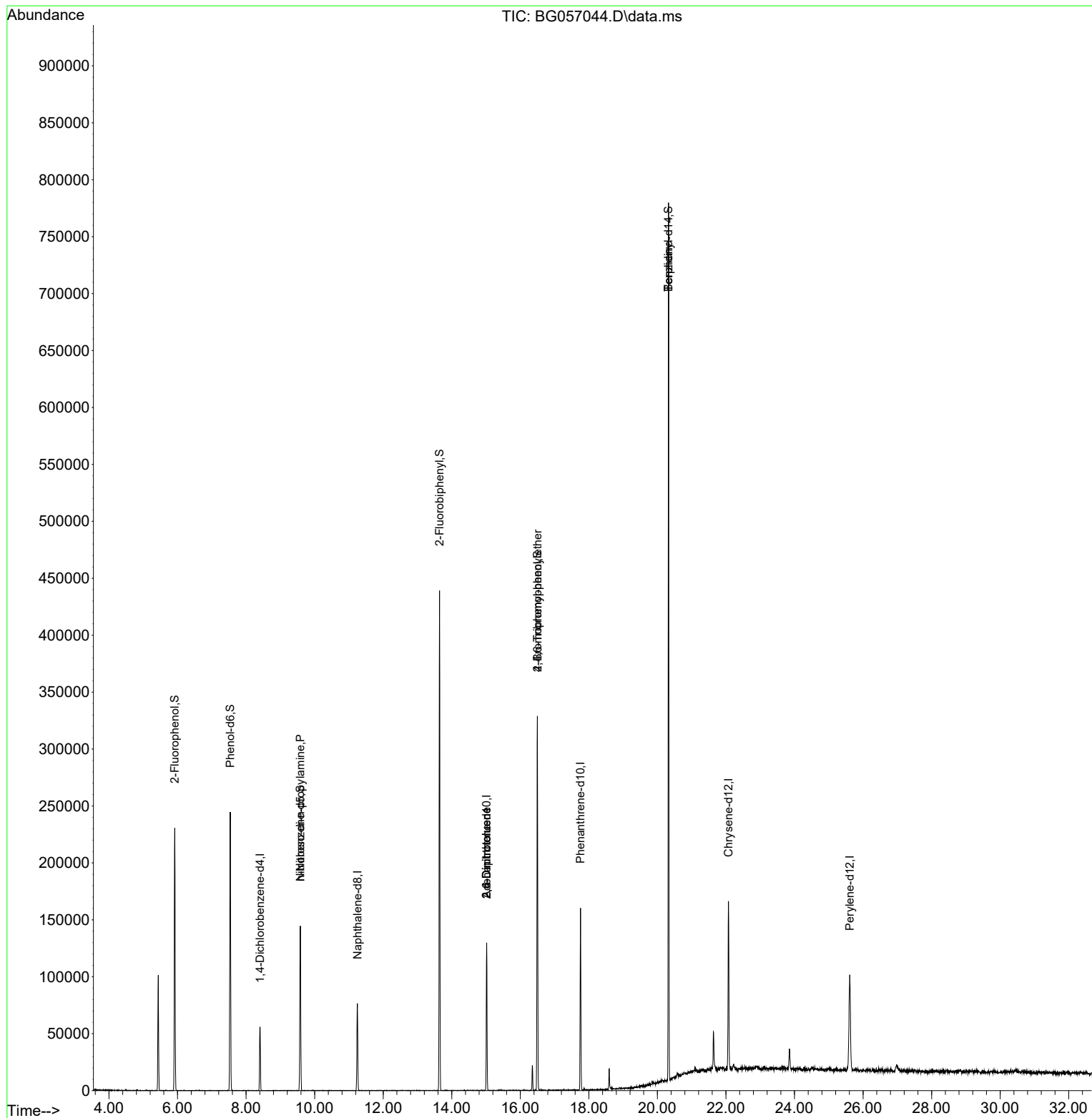
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	15673	20.000	ng	0.00
21) Naphthalene-d8	11.247	136	63457	20.000	ng	0.00
39) Acenaphthene-d10	15.018	164	44667	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	105806	20.000	ng	0.00
76) Chrysene-d12	22.073	240	93123	20.000	ng	-0.01
86) Perylene-d12	25.610	264	99466	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	98513	100.596	ng	0.00
7) Phenol-d6	7.540	99	140029	95.606	ng	0.00
23) Nitrobenzene-d5	9.584	82	93522	60.304	ng	0.00
42) 2,4,6-Tribromophenol	16.498	330	68986	96.677	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	219381	66.600	ng	0.00
79) Terphenyl-d14	20.323	244	379951	69.042	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.584	70	13203	12.603	ng	# 75
51) 2,6-Dinitrotoluene	15.018	165	5803	7.631	ng	# 20
57) 2,4-Dinitrotoluene	15.018	165	5803	5.411	ng	# 21
67) 4-Bromophenyl-phenylether	16.498	248	4147	3.168	ng	# 1
77) Benzidine	20.323	184	5839	2.294	ng	# 95

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

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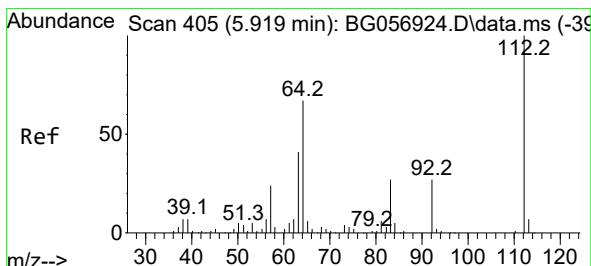
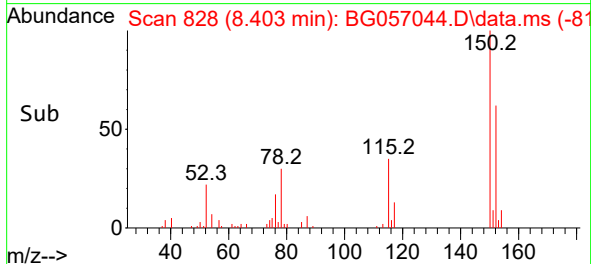
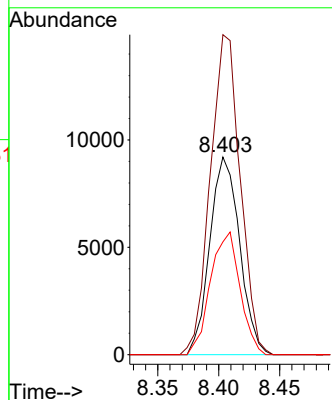
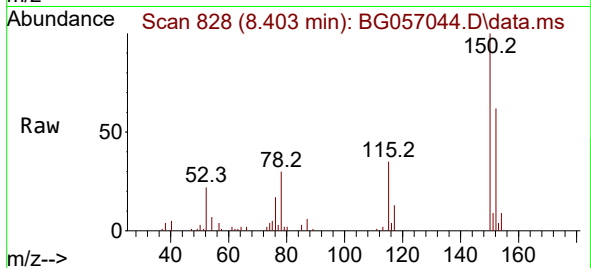




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

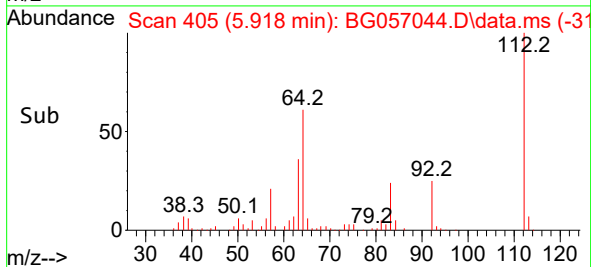
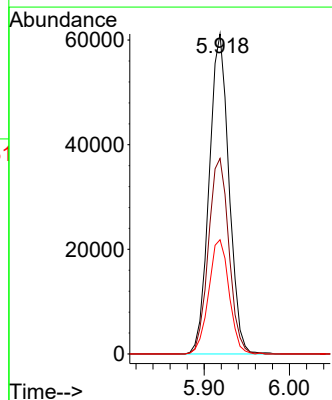
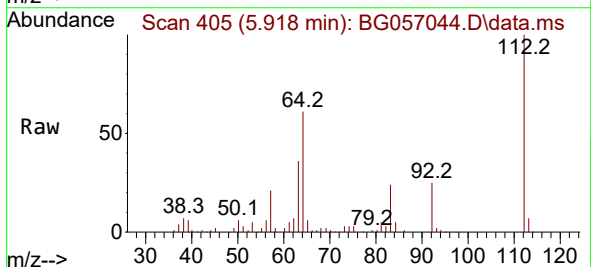
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-14

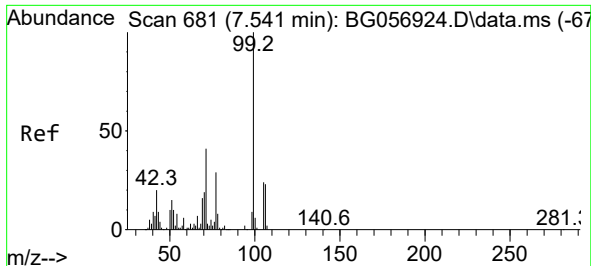
Tgt Ion:152 Resp: 15673
Ion Ratio Lower Upper
152 100
150 162.0 124.1 186.1
115 57.1 49.1 73.7



#5
2-Fluorophenol
Concen: 100.596 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

Tgt Ion:112 Resp: 98513
Ion Ratio Lower Upper
112 100
64 61.1 53.2 79.8
63 35.7 32.6 48.8

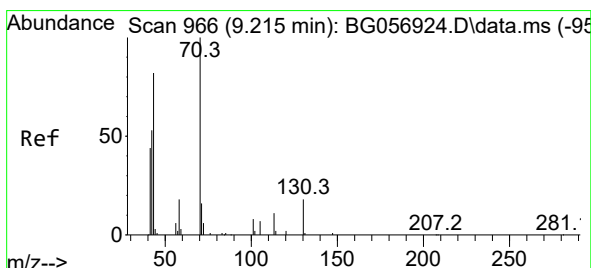
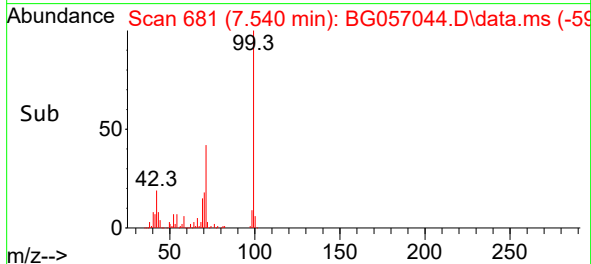
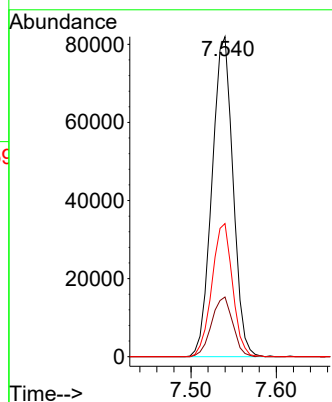
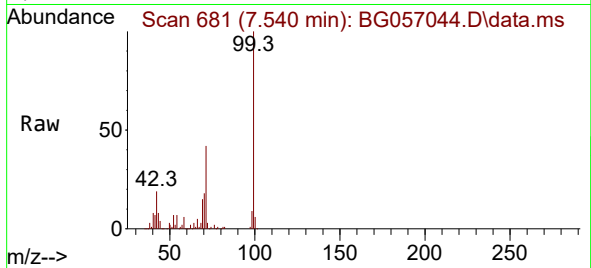




#7
Phenol-d6
Concen: 95.606 ng
RT: 7.540 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

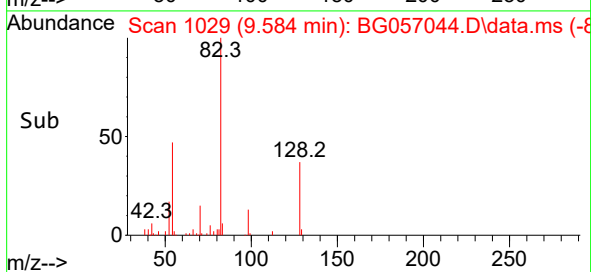
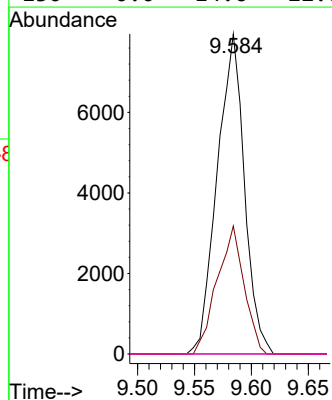
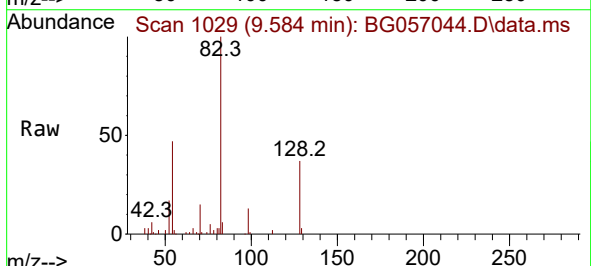
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-14

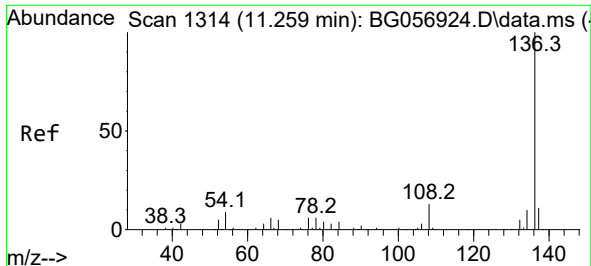
Tgt Ion: 99 Resp: 140029
Ion Ratio Lower Upper
99 100
42 18.6 15.7 23.5
71 41.6 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.603 ng
RT: 9.584 min Scan# 1029
Delta R.T. 0.372 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

Tgt Ion: 70 Resp: 13203
Ion Ratio Lower Upper
70 100
42 40.0 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

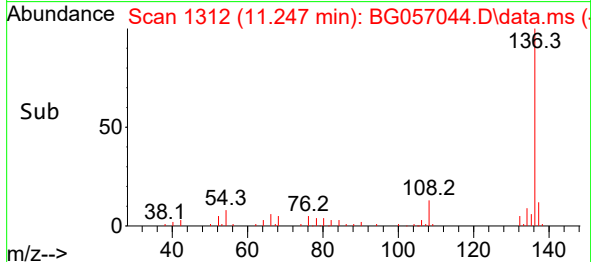
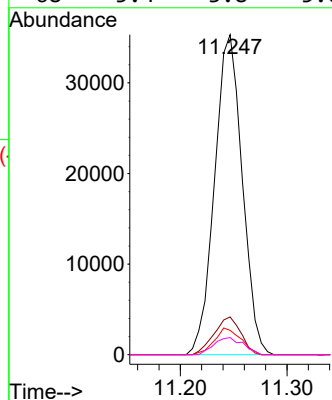
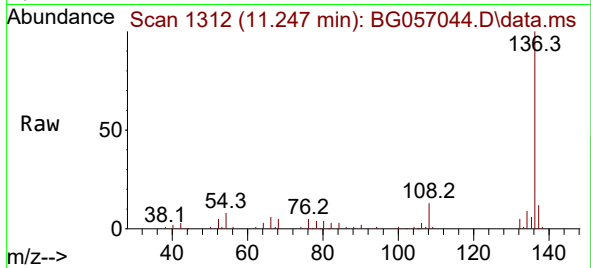




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.247 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

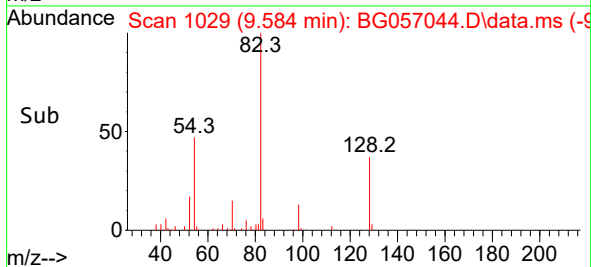
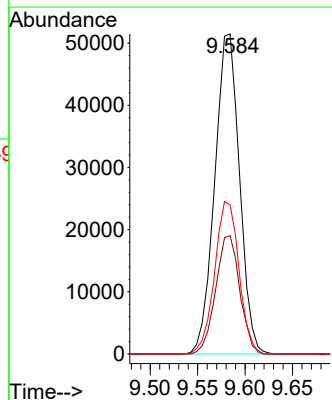
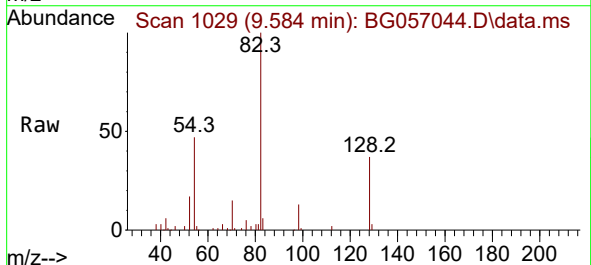
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-14

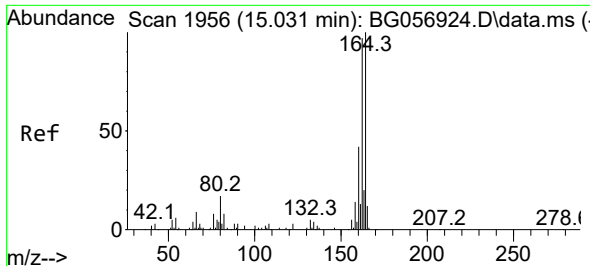
Tgt Ion:	136	Resp:	63457
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	13.0
54	7.6	6.9	10.3
68	5.4	3.8	5.6



#23
Nitrobenzene-d5
Concen: 60.304 ng
RT: 9.584 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

Tgt Ion:	82	Resp:	93522
Ion Ratio	Lower	Upper	
82	100		
128	36.9	27.9	41.9
54	46.6	39.4	59.2

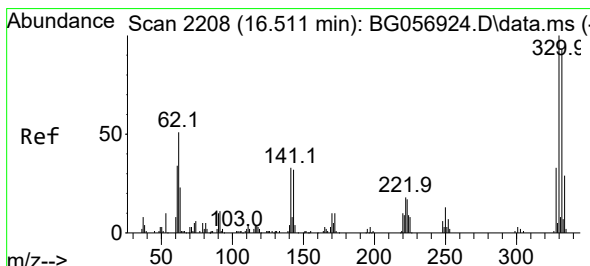
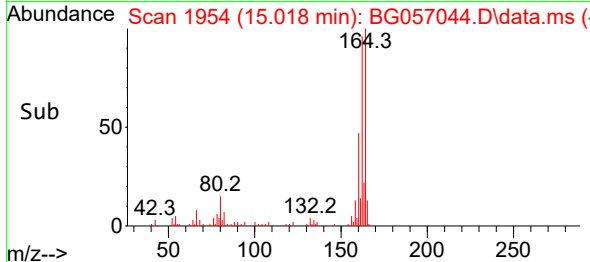
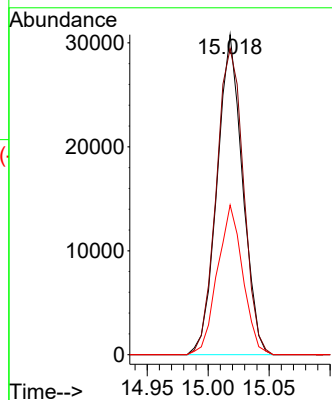
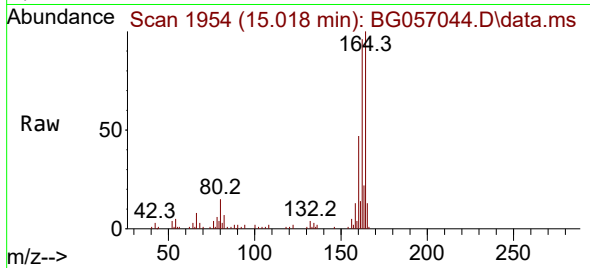




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.018 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

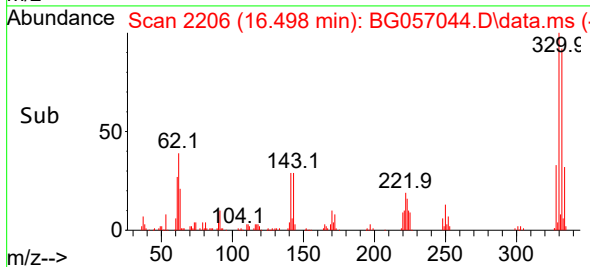
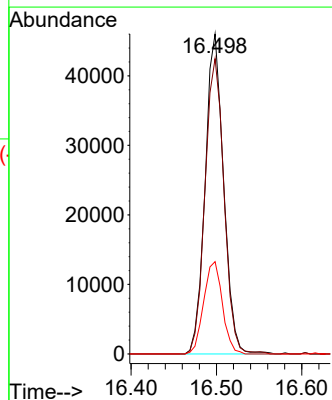
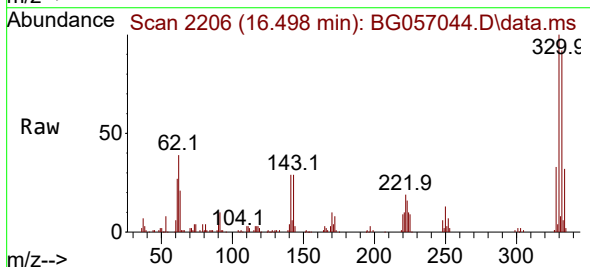
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-14

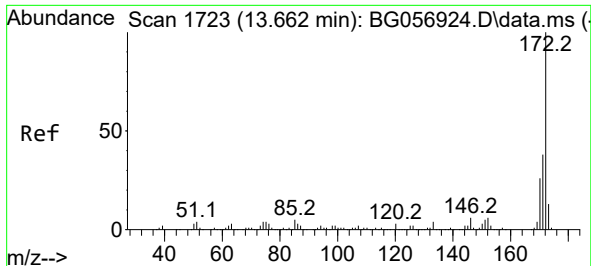
Tgt Ion:164 Resp: 44667
Ion Ratio Lower Upper
164 100
162 95.7 77.8 116.8
160 46.7 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 96.677 ng
RT: 16.498 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

Tgt Ion:330 Resp: 68986
Ion Ratio Lower Upper
330 100
332 95.0 76.1 114.1
141 29.2 25.8 38.6

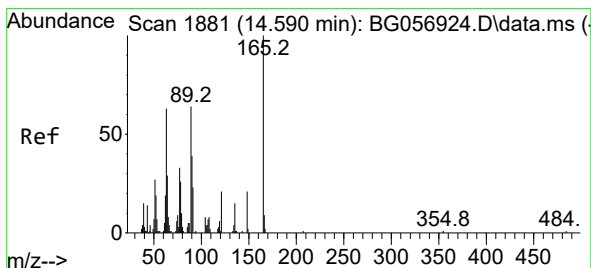
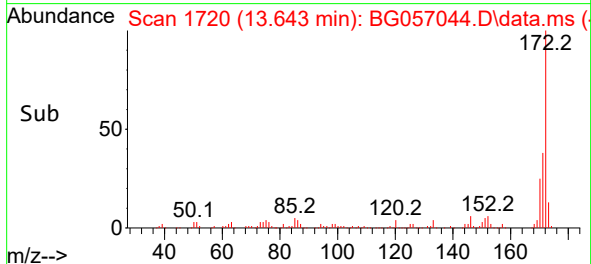
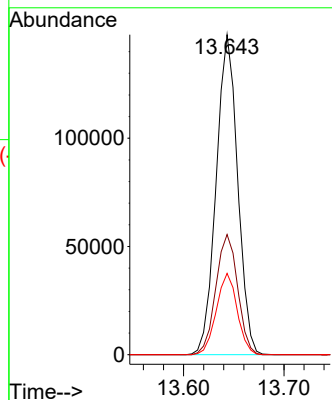
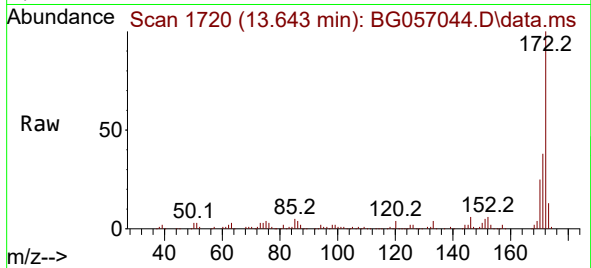




#45
2-Fluorobiphenyl
Concen: 66.600 ng
RT: 13.643 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

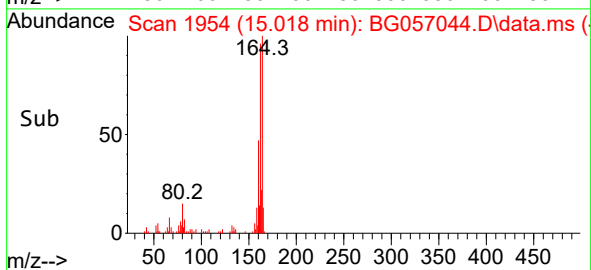
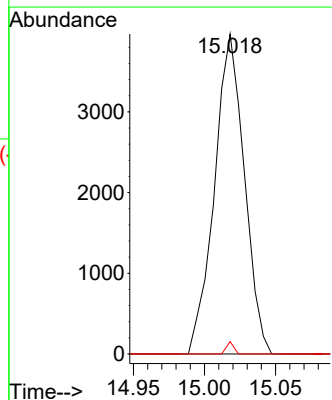
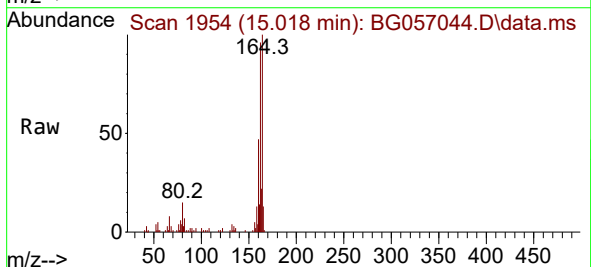
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-14

Tgt Ion:172 Resp: 219381
Ion Ratio Lower Upper
172 100
171 37.6 30.6 46.0
170 25.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.631 ng
RT: 15.018 min Scan# 1954
Delta R.T. 0.430 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

Tgt Ion:165 Resp: 5803
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 3.9 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.411 ng

RT: 15.018 min Scan# 1954

Delta R.T. -0.351 min

Lab File: BG057044.D

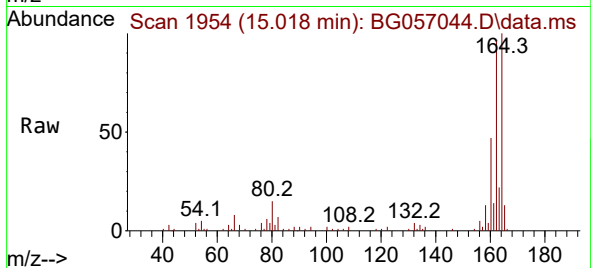
Acq: 10 Apr 2023 14:06

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-14



Tgt Ion:165 Resp: 5803

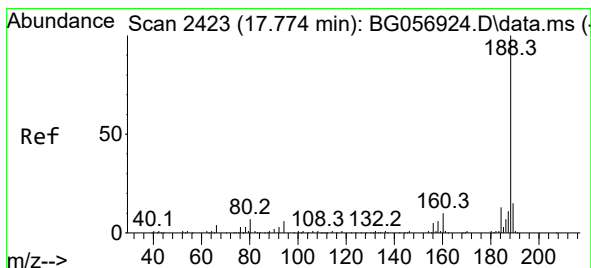
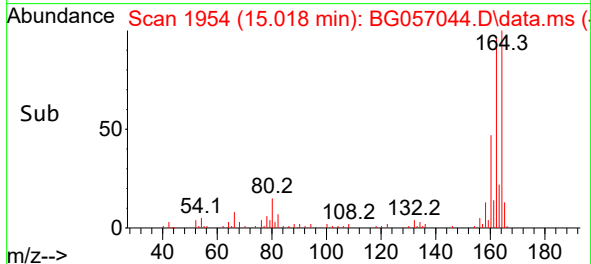
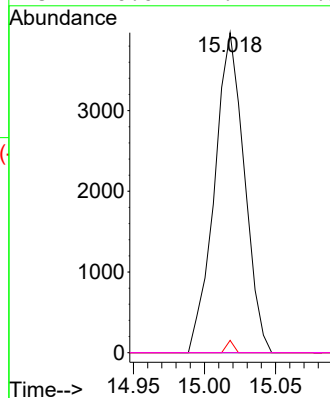
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 3.9 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.755 min Scan# 2420

Delta R.T. -0.004 min

Lab File: BG057044.D

Acq: 10 Apr 2023 14:06

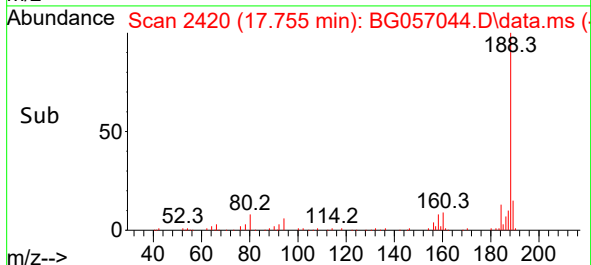
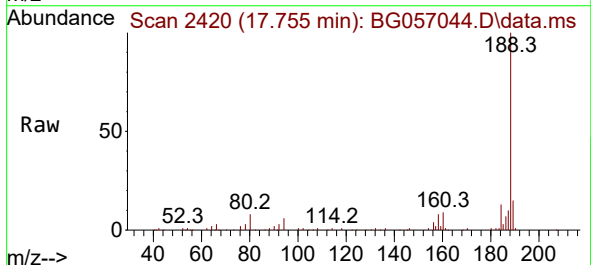
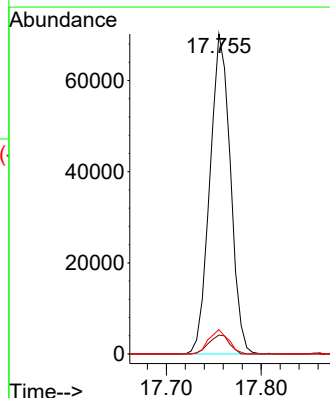
Tgt Ion:188 Resp: 105806

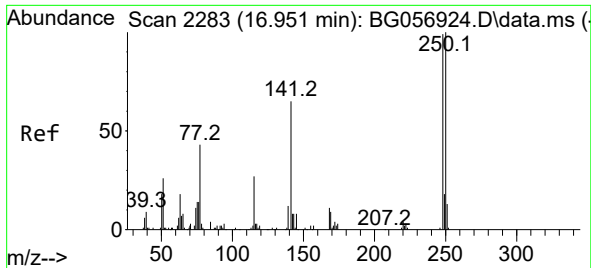
Ion Ratio Lower Upper

188 100

94 5.9 4.6 6.8

80 7.6 5.5 8.3

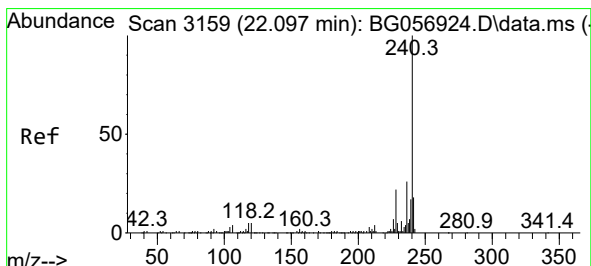
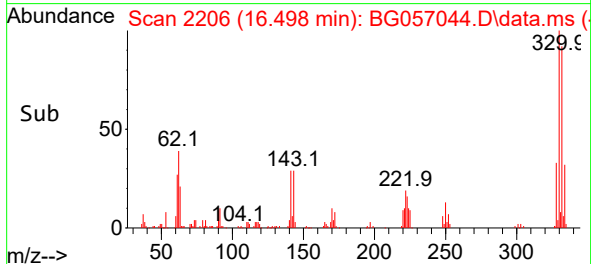
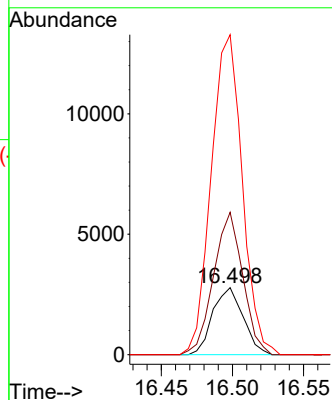
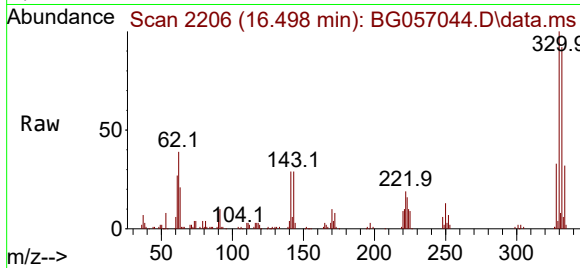




#67
4-Bromophenyl-phenylether
Concen: 3.168 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

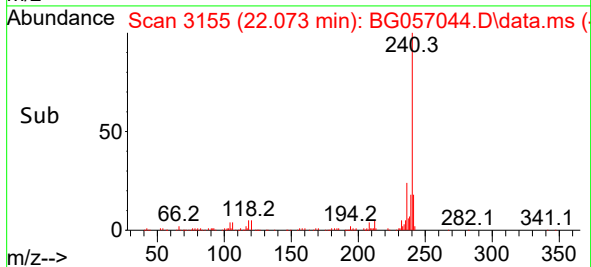
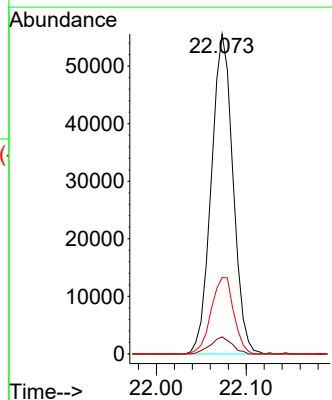
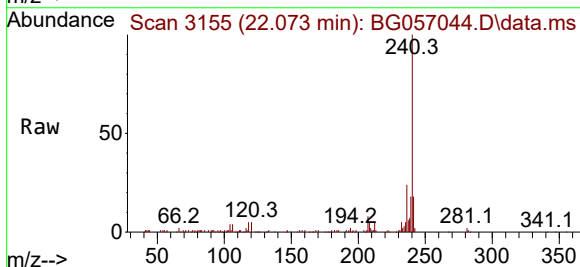
Instrument :
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OU3-FC-BACKFILL-14

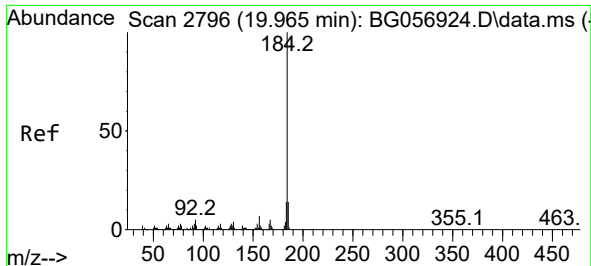
Tgt Ion:248 Resp: 4147
Ion Ratio Lower Upper
248 100
250 212.4 80.5 120.7#
141 477.4 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.073 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

Tgt Ion:240 Resp: 93123
Ion Ratio Lower Upper
240 100
120 5.4 3.8 5.6
236 23.9 21.0 31.6

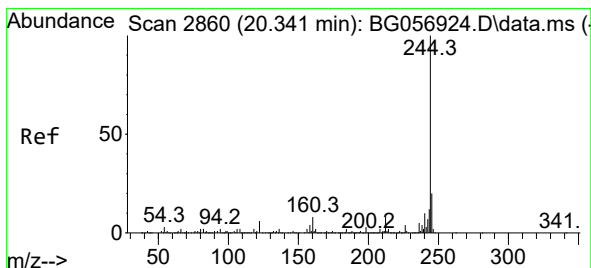
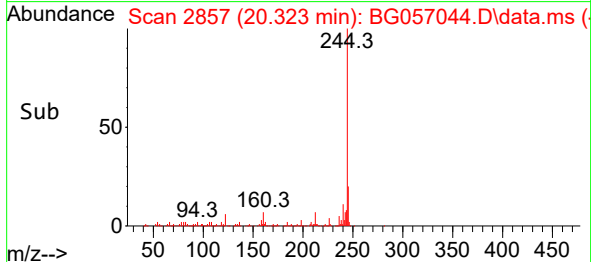
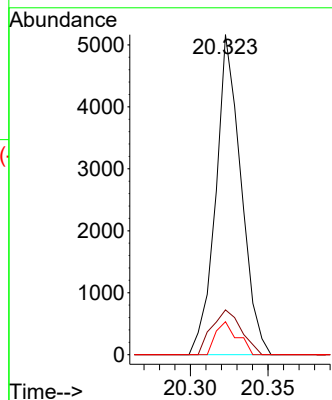
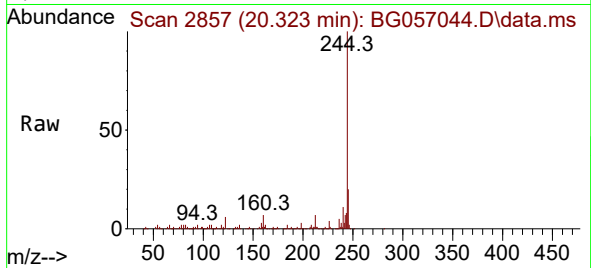




#77
Benzidine
Concen: 2.294 ng
RT: 20.323 min Scan# 2857
Delta R.T. 0.372 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

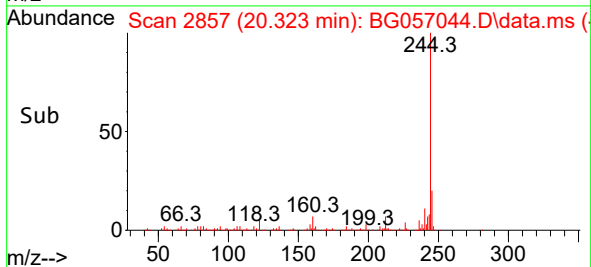
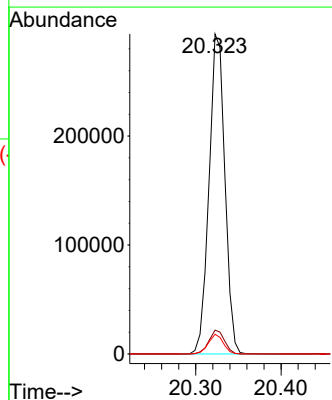
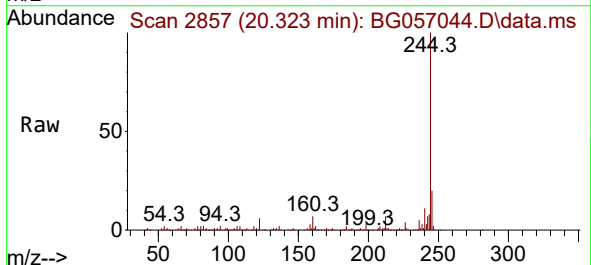
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-14

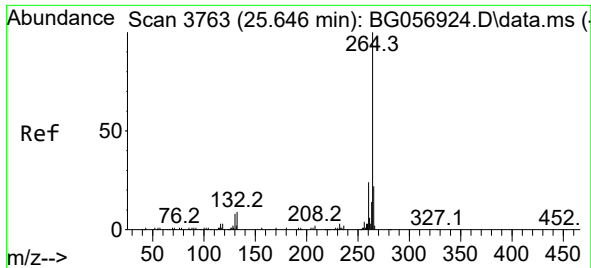
Tgt Ion:184 Resp: 5839
Ion Ratio Lower Upper
184 100
185 14.0 11.0 16.4
183 10.3 11.4 17.0#



#79
Terphenyl-d14
Concen: 69.042 ng
RT: 20.323 min Scan# 2857
Delta R.T. -0.004 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

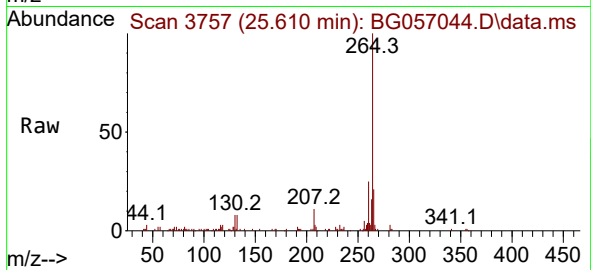
Tgt Ion:244 Resp: 379951
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.2 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.610 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: BG057044.D
 Acq: 10 Apr 2023 14:06

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-14



Tgt Ion:	264	Resp:	99466
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.0	28.4
265	21.5	17.8	26.6

