

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057032.D
 Acq On : 7 Apr 2023 18:44
 Operator : CG/JU
 Sample : 02224-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-08

Quant Time: Apr 08 04:51:44 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

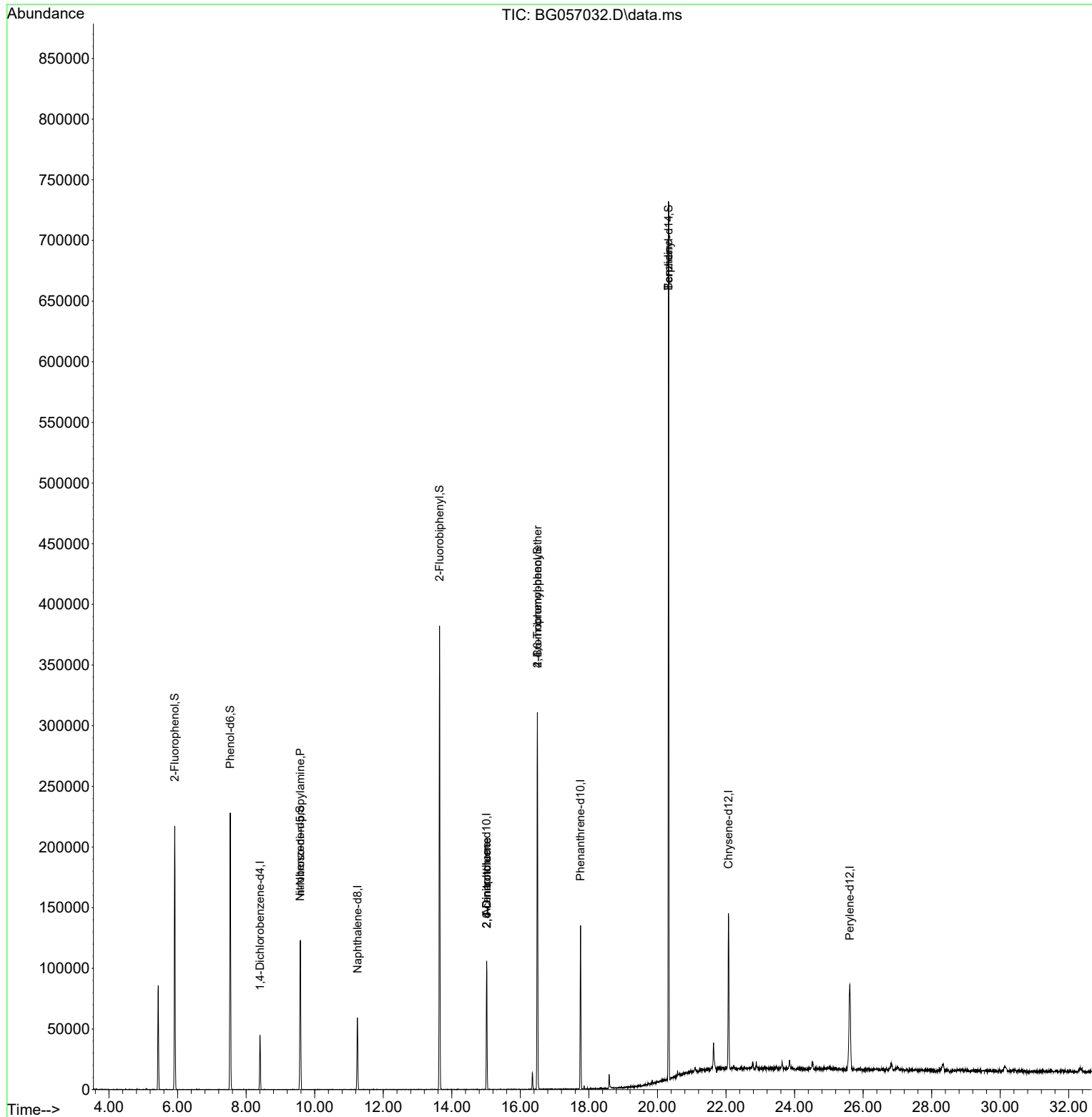
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	12341	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	50594	20.000	ng	# 0.00
39) Acenaphthene-d10	15.017	164	38581	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	91061	20.000	ng	0.00
76) Chrysene-d12	22.072	240	80386	20.000	ng	#-0.01
86) Perylene-d12	25.608	264	85333	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	90811	117.769	ng	0.00
7) Phenol-d6	7.539	99	126205	109.432	ng	0.00
23) Nitrobenzene-d5	9.577	82	81558	65.960	ng	-0.01
42) 2,4,6-Tribromophenol	16.497	330	62944	102.125	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	193734	68.092	ng	0.00
79) Terphenyl-d14	20.327	244	366067	77.059	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.583	70	11136	13.500	ng	# 78
51) 2,6-Dinitrotoluene	15.023	165	4908	7.473	ng	# 18
57) 2,4-Dinitrotoluene	15.023	165	4908	5.298	ng	# 18
67) 4-Bromophenyl-phenylether	16.497	248	3909	3.469	ng	# 1
77) Benzidine	20.321	184	5905	2.687	ng	# 94

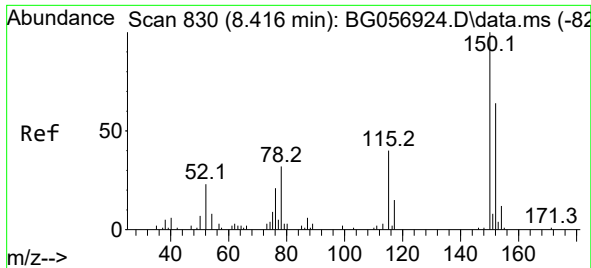
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
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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
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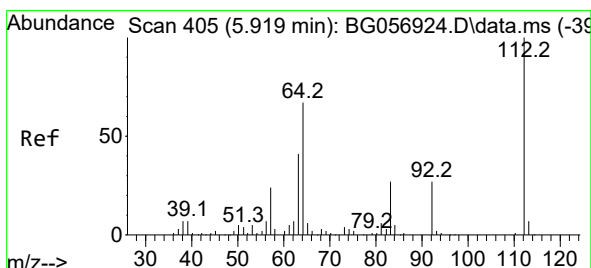
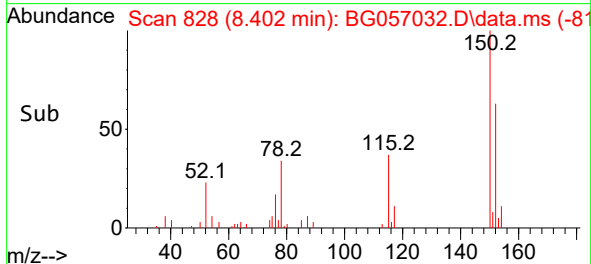
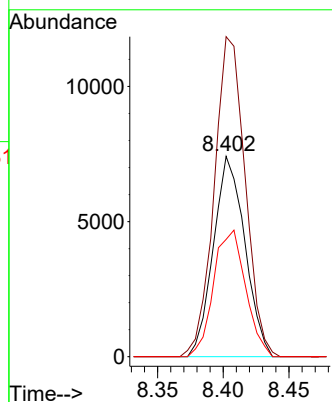
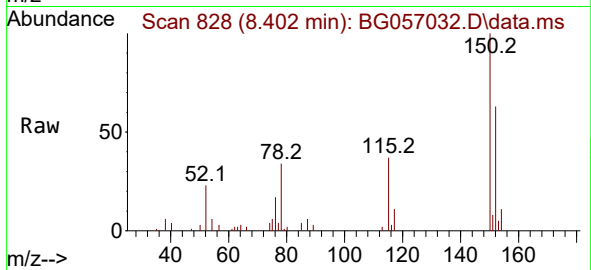




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

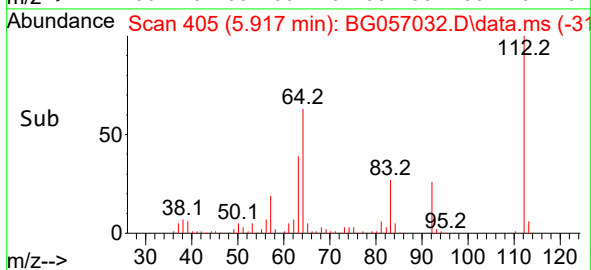
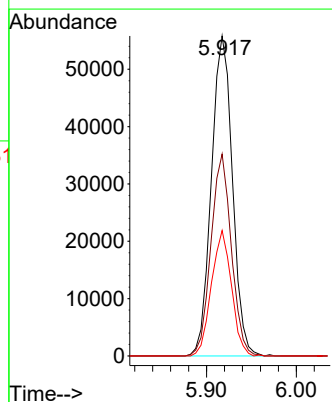
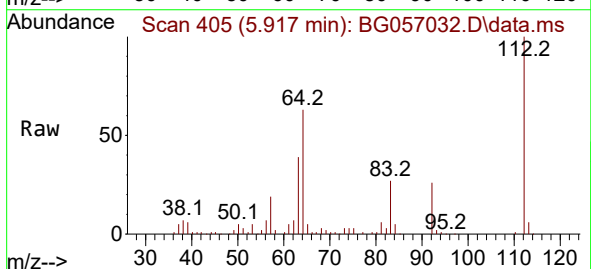
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-08

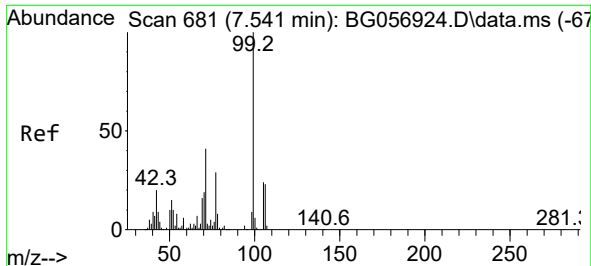
Tgt Ion:152 Resp: 12341
Ion Ratio Lower Upper
152 100
150 159.7 124.1 186.1
115 58.6 49.1 73.7



#5
2-Fluorophenol
Concen: 117.769 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

Tgt Ion:112 Resp: 90811
Ion Ratio Lower Upper
112 100
64 63.1 53.2 79.8
63 39.2 32.6 48.8

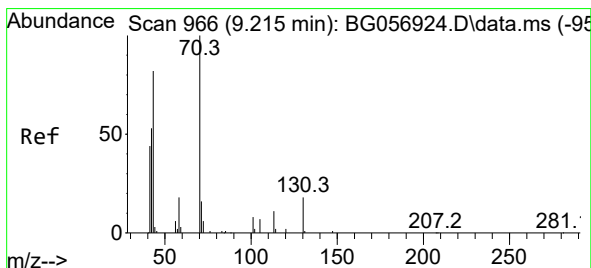
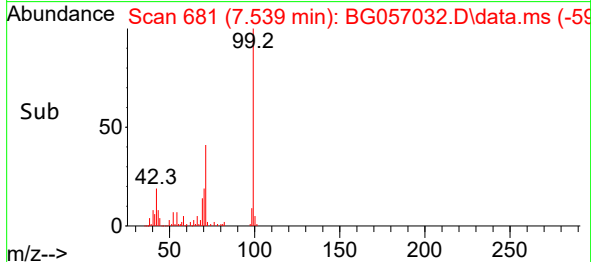
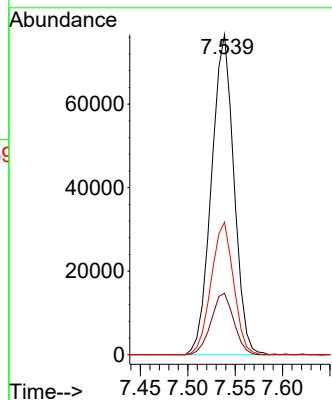
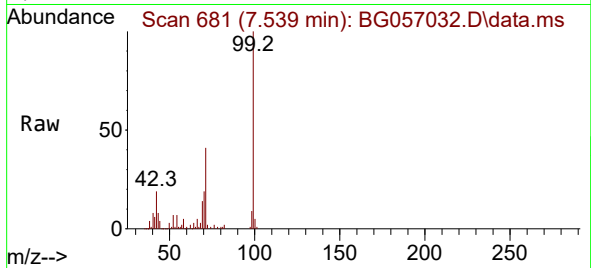




#7
Phenol-d6
Concen: 109.432 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

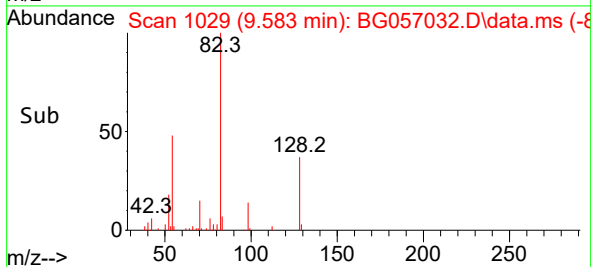
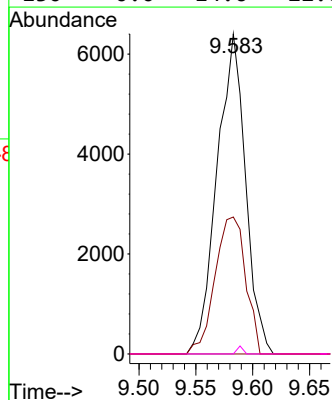
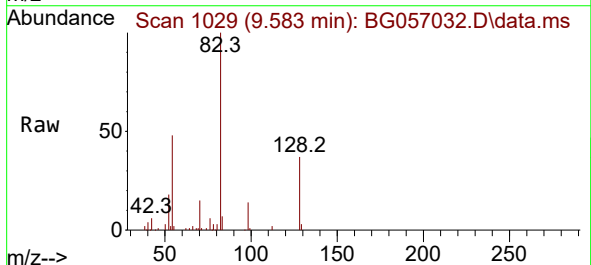
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-08

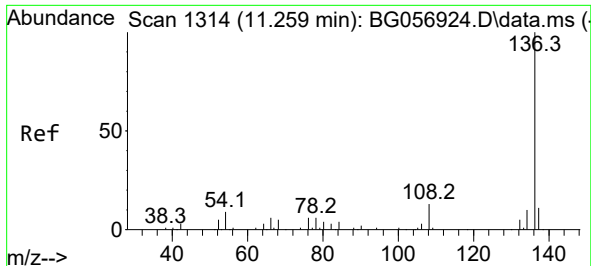
Tgt Ion: 99 Resp: 126205
Ion Ratio Lower Upper
99 100
42 19.2 15.7 23.5
71 41.4 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.500 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.371 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

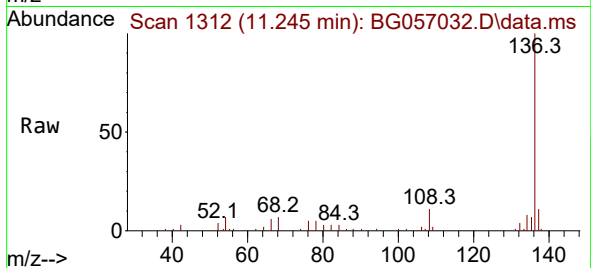
Tgt Ion: 70 Resp: 11136
Ion Ratio Lower Upper
70 100
42 42.8 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#



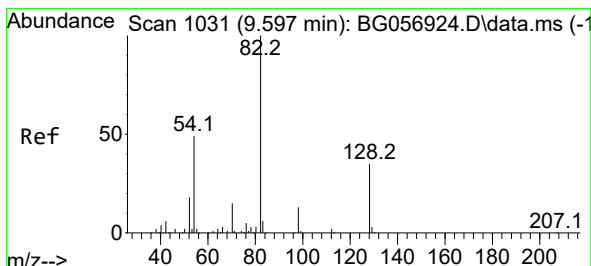
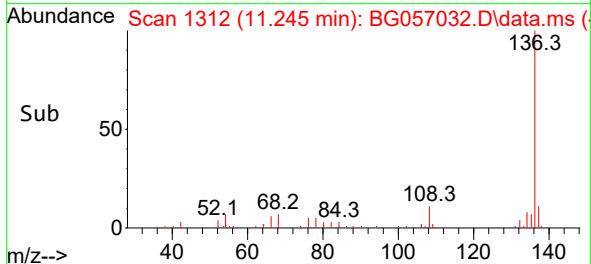
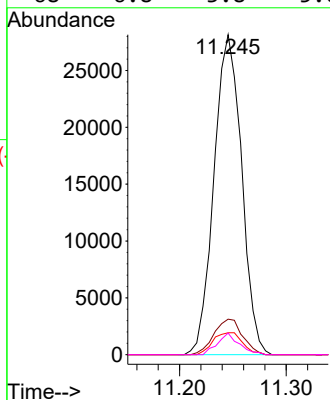


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-08

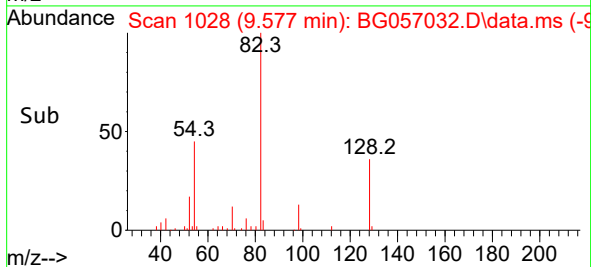
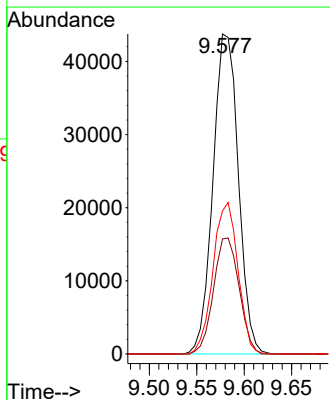
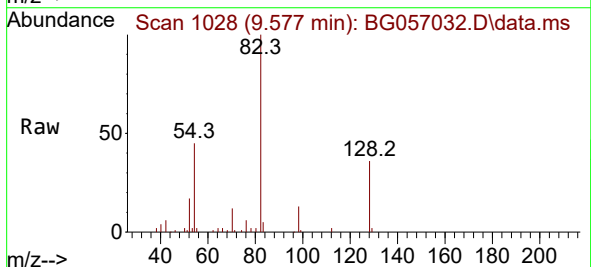


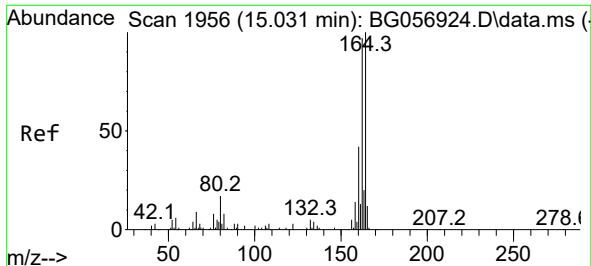
Tgt Ion:136 Resp: 50594
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.9 6.9 10.3#
68 6.8 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 65.960 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

Tgt Ion: 82 Resp: 81558
Ion Ratio Lower Upper
82 100
128 35.9 27.9 41.9
54 44.7 39.4 59.2

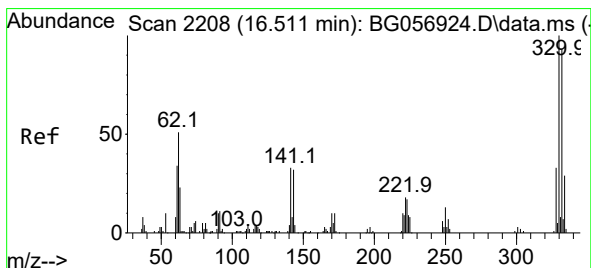
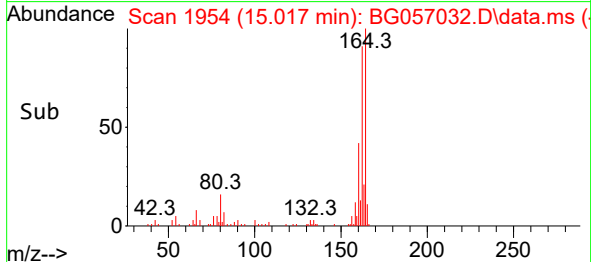
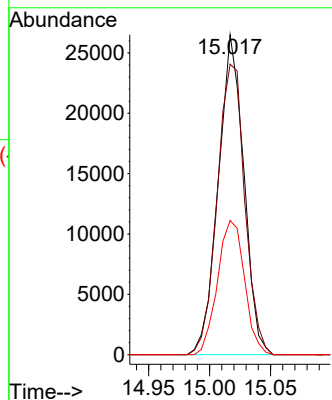
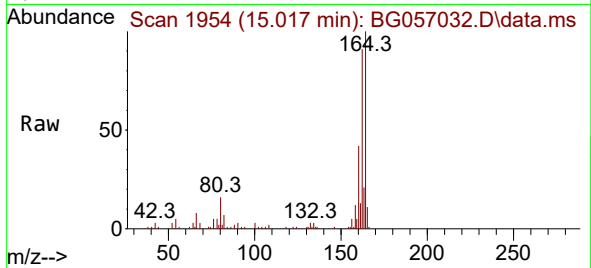




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

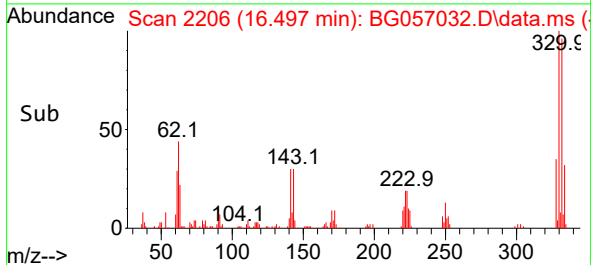
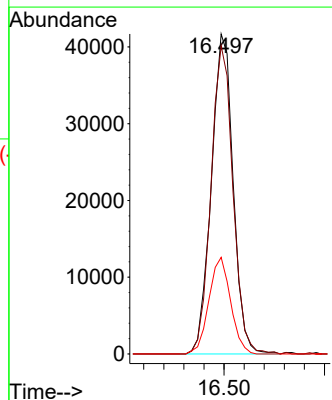
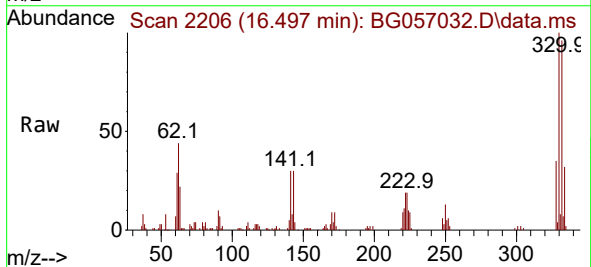
Instrument :
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ClientSampleId :
OU3-FC-BACKFILL-08

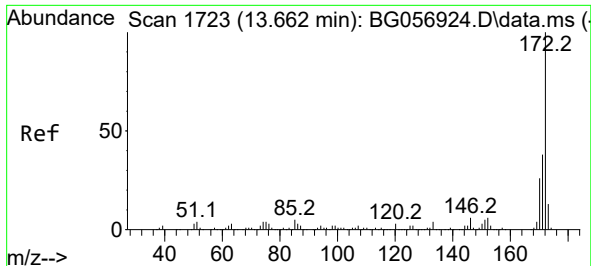
Tgt Ion:164 Resp: 38581
Ion Ratio Lower Upper
164 100
162 90.8 77.8 116.8
160 42.0 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 102.125 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.005 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

Tgt Ion:330 Resp: 62944
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 30.1 25.8 38.6

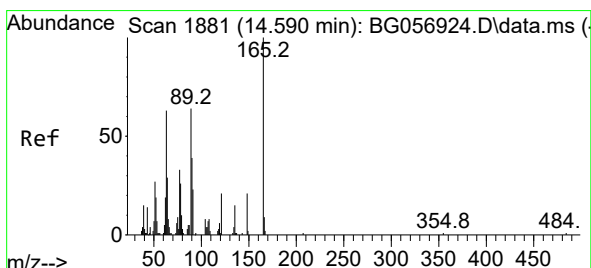
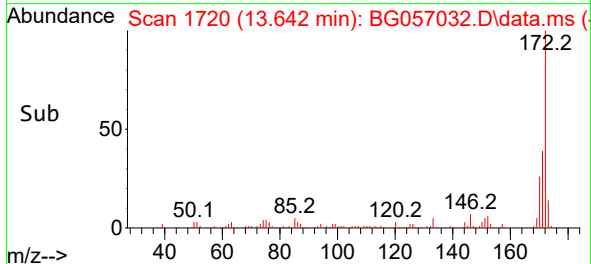
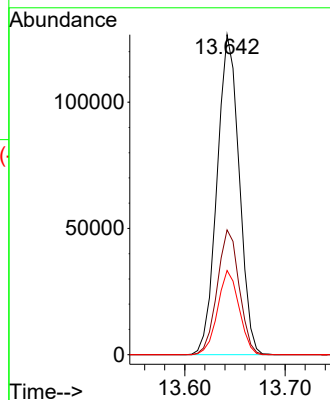
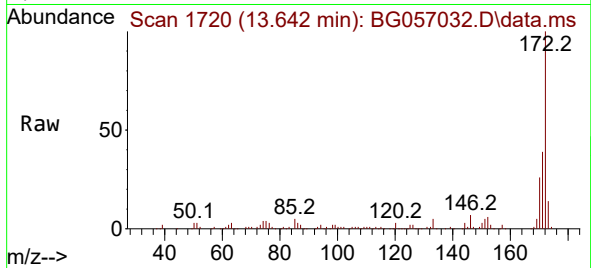




#45
2-Fluorobiphenyl
Concen: 68.092 ng
RT: 13.642 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

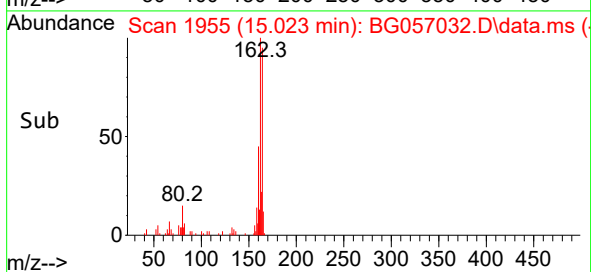
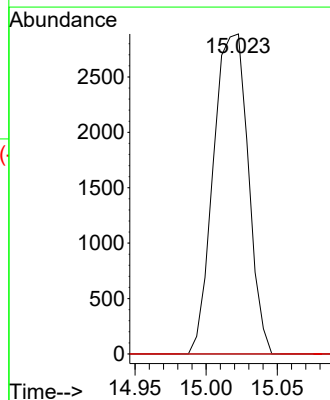
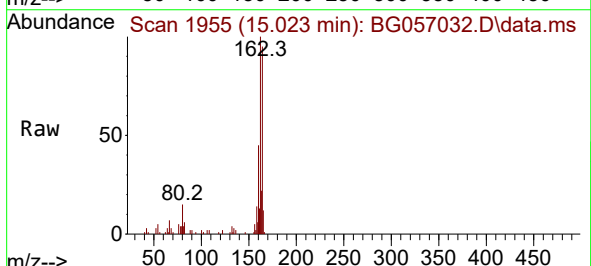
Instrument :
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ClientSampleId :
OU3-FC-BACKFILL-08

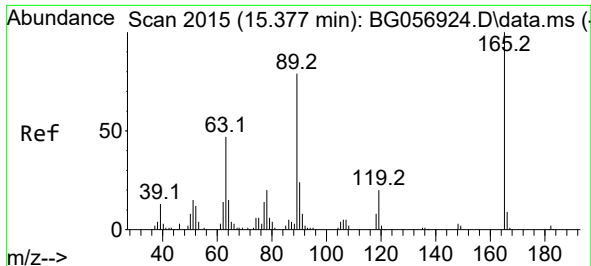
Tgt Ion:172 Resp: 193734
Ion Ratio Lower Upper
172 100
171 39.0 30.6 46.0
170 26.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.473 ng
RT: 15.023 min Scan# 1955
Delta R.T. 0.435 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

Tgt Ion:165 Resp: 4908
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: 5.298 ng

RT: 15.023 min Scan# 1955

Delta R.T. -0.346 min

Lab File: BG057032.D

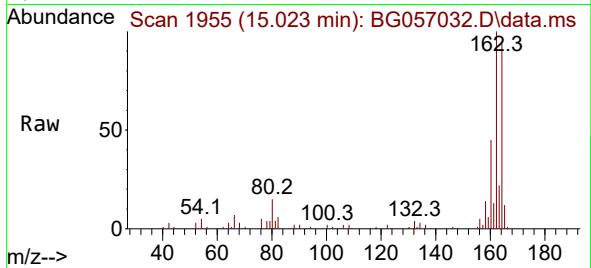
Acq: 7 Apr 2023 18:44

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-08



Tgt Ion:165 Resp: 4908

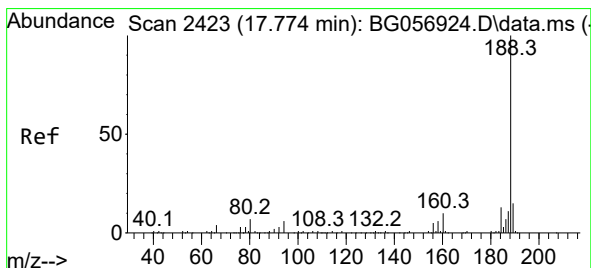
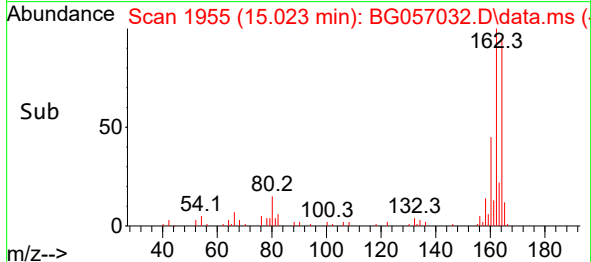
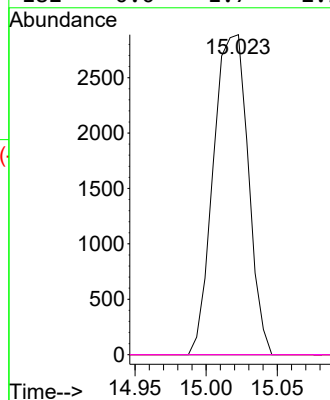
Ion Ratio Lower Upper

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: BG057032.D

Acq: 7 Apr 2023 18:44

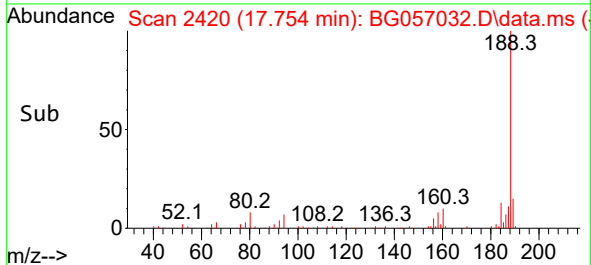
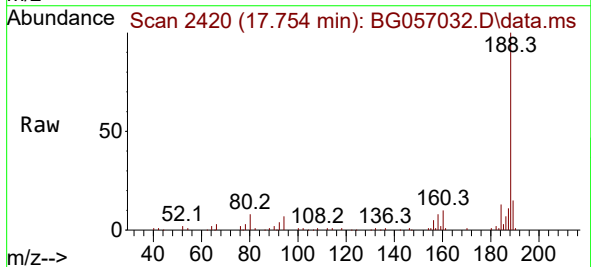
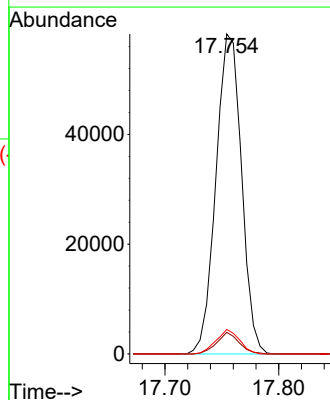
Tgt Ion:188 Resp: 91061

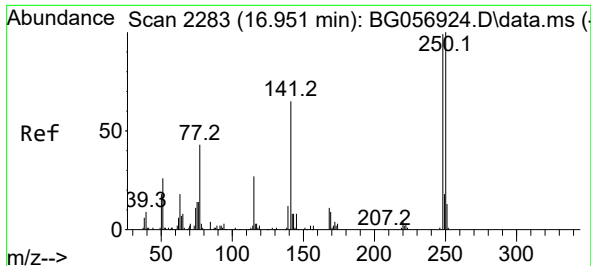
Ion Ratio Lower Upper

188 100

94 6.8 4.6 6.8

80 7.7 5.5 8.3

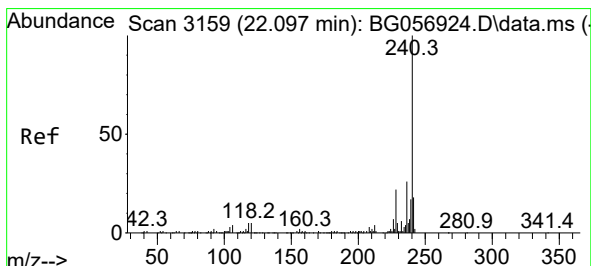
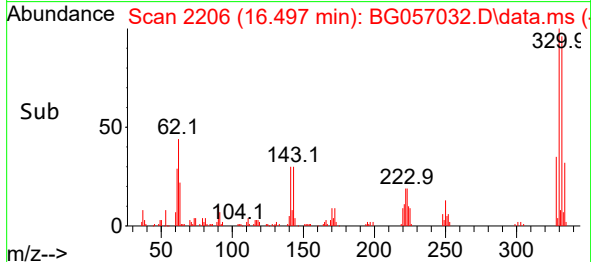
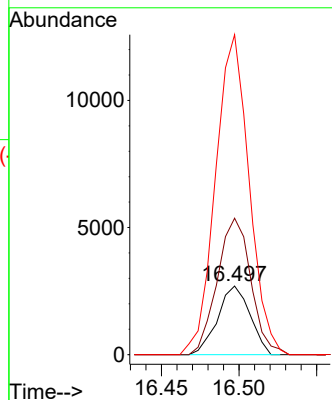
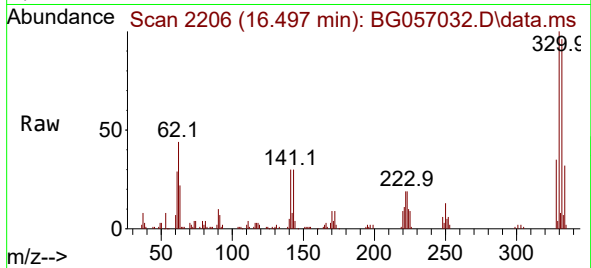




#67
4-Bromophenyl-phenylether
Concen: 3.469 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

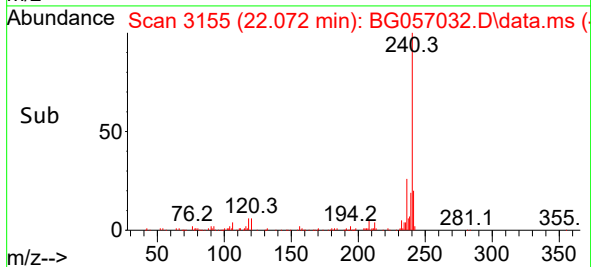
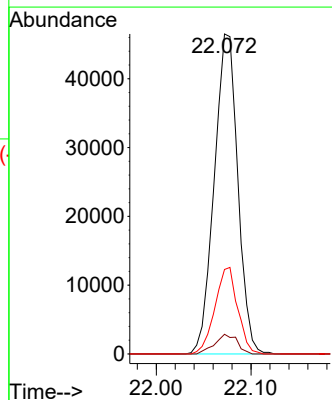
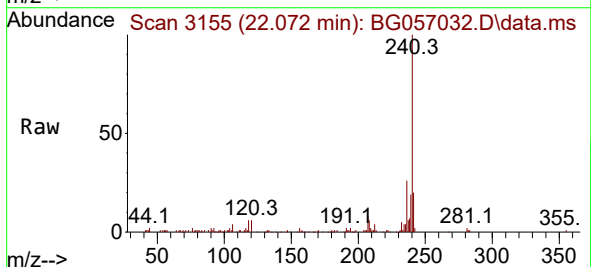
Instrument :
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ClientSampleId :
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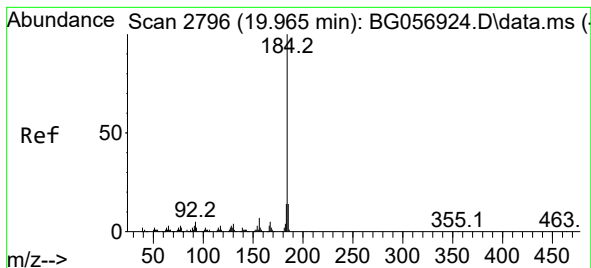
Tgt Ion:248 Resp: 3909
Ion Ratio Lower Upper
248 100
250 199.1 80.5 120.7#
141 466.6 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.011 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

Tgt Ion:240 Resp: 80386
Ion Ratio Lower Upper
240 100
120 6.2 3.8 5.6#
236 26.4 21.0 31.6





#77

Benzidine

Concen: 2.687 ng

RT: 20.321 min Scan# 2857

Delta R.T. 0.370 min

Lab File: BG057032.D

Acq: 7 Apr 2023 18:44

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-08

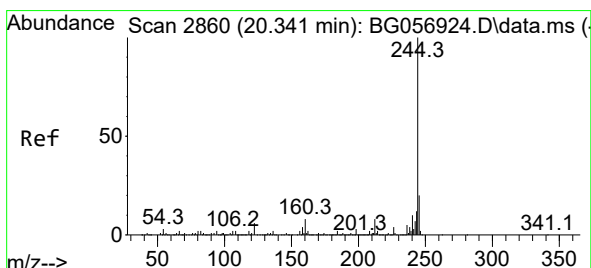
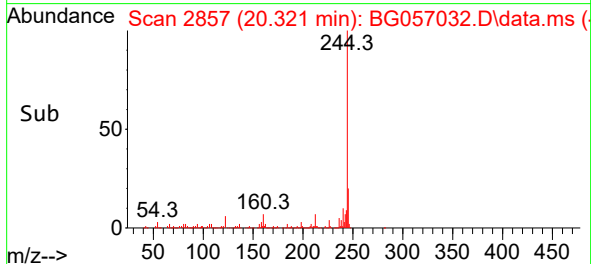
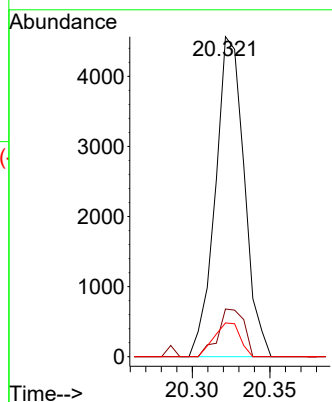
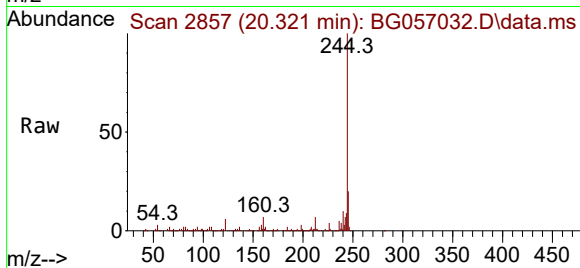
Tgt Ion:184 Resp: 5905

Ion Ratio Lower Upper

184 100

185 14.9 11.0 16.4

183 10.6 11.4 17.0#



#79

Terphenyl-d14

Concen: 77.059 ng

RT: 20.327 min Scan# 2858

Delta R.T. 0.000 min

Lab File: BG057032.D

Acq: 7 Apr 2023 18:44

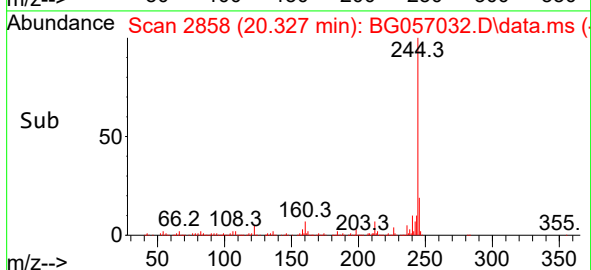
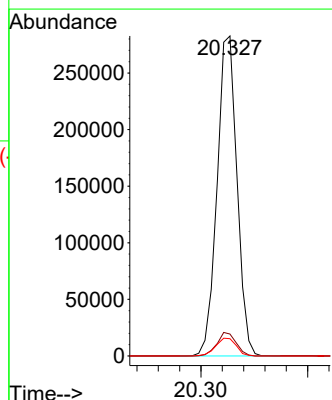
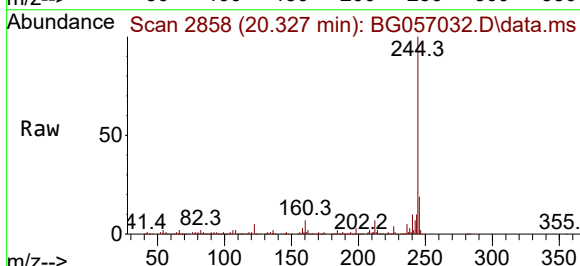
Tgt Ion:244 Resp: 366067

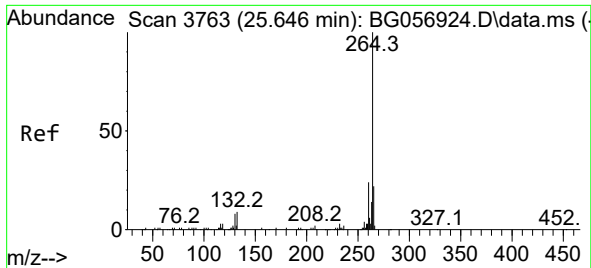
Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 5.4 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.608 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-08

Tgt Ion:264 Resp: 85333

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	20.7	17.8	26.6

