

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

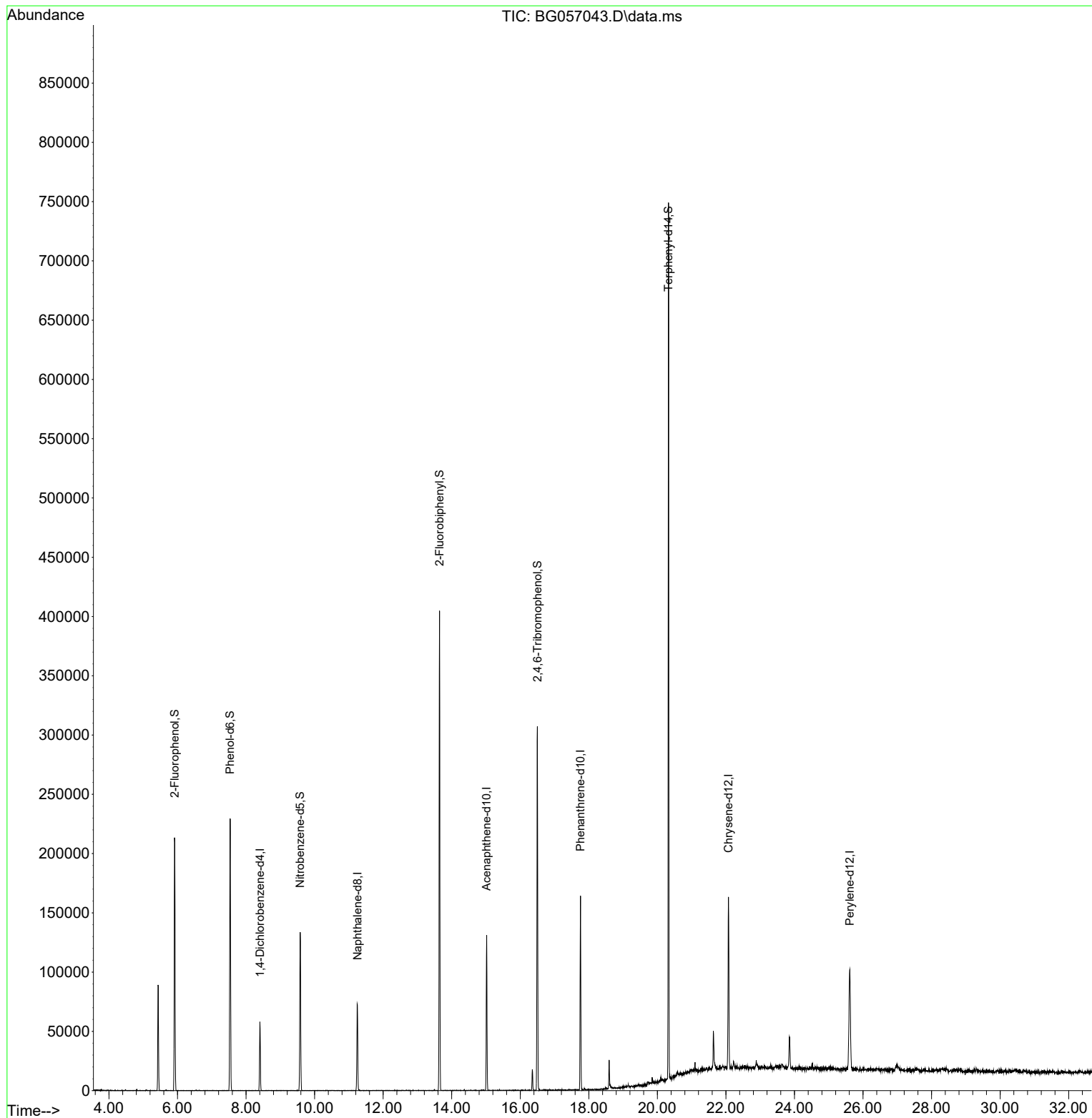
Target Compounds	Qvalue

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

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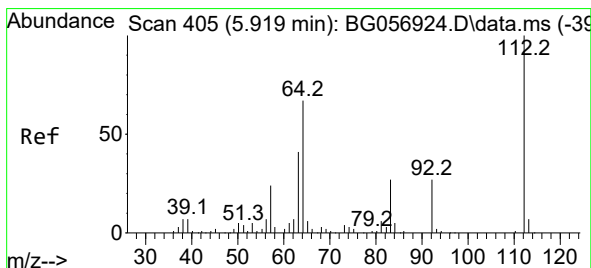
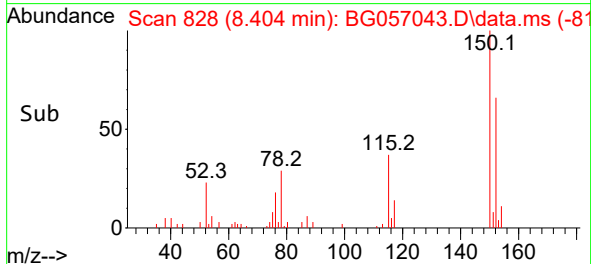
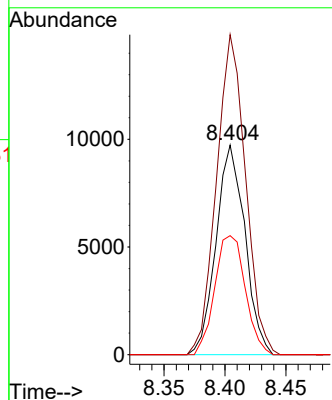
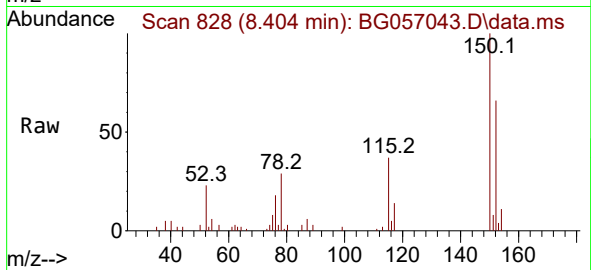




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.404 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

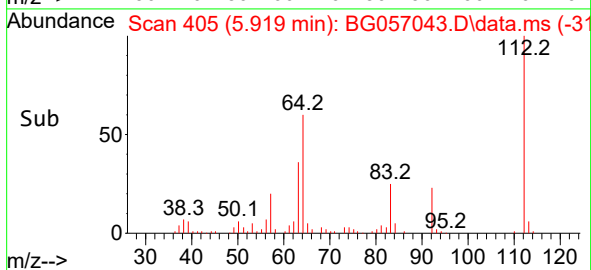
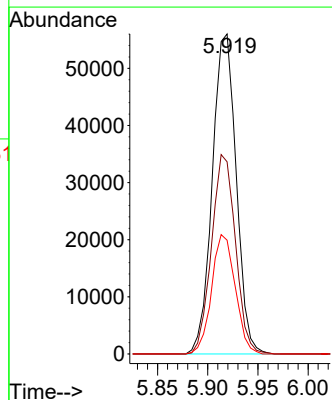
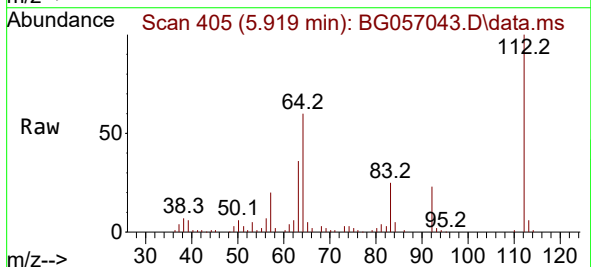
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-13

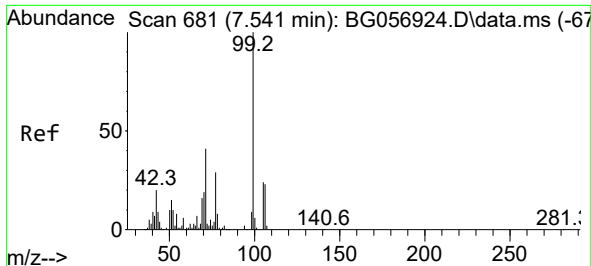
Tgt Ion:152 Resp: 16017
Ion Ratio Lower Upper
152 100
150 152.6 124.1 186.1
115 56.8 49.1 73.7



#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

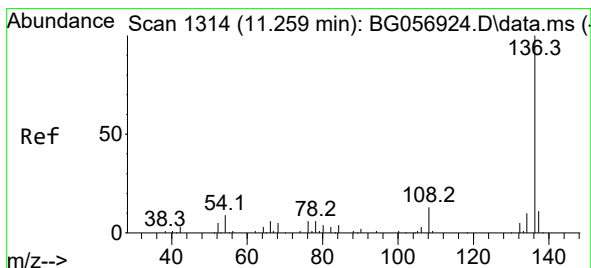
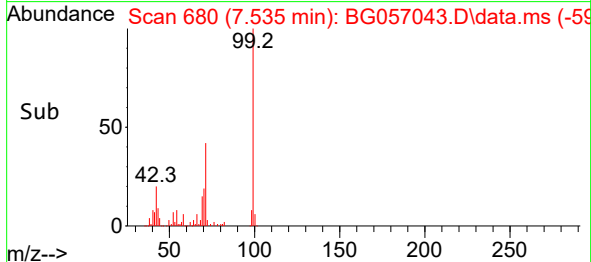
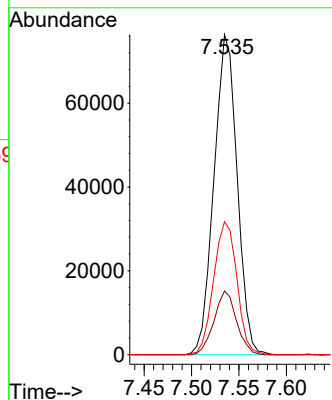
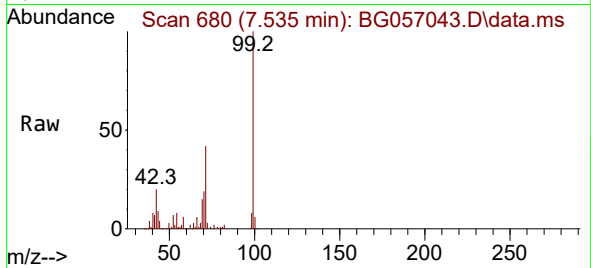




#7
Phenol-d6
Concen: 86.591 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

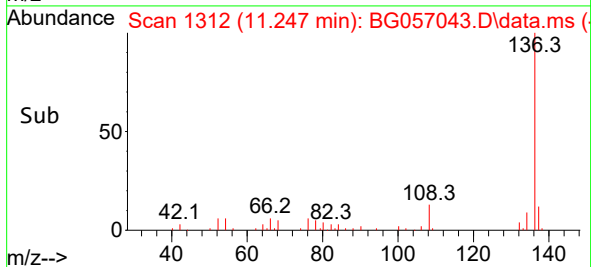
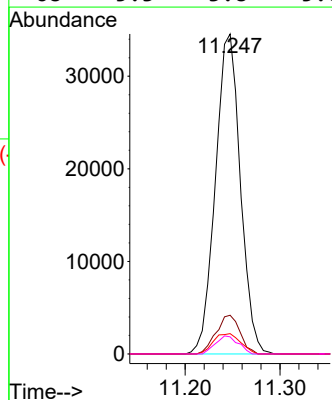
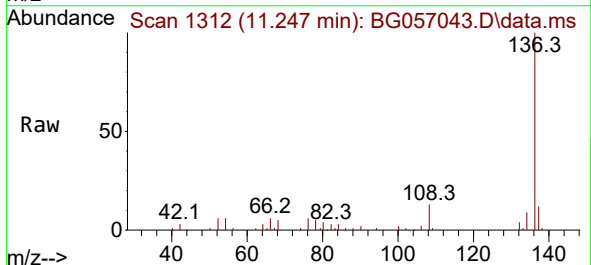
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-13

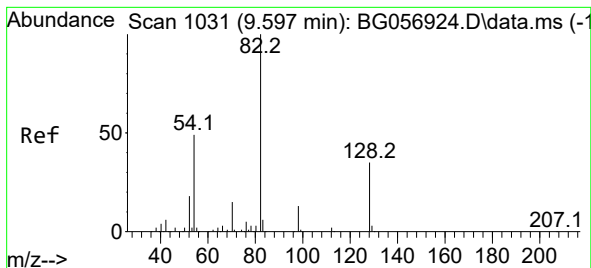
Tgt Ion: 99 Resp: 129609
Ion Ratio Lower Upper
99 100
42 19.9 15.7 23.5
71 41.6 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.247 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG057043.D
Acq: 10 Apr 2023 13:24

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

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-13

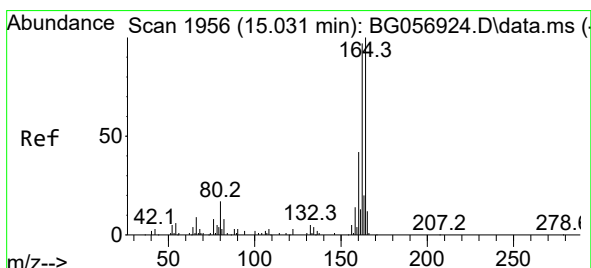
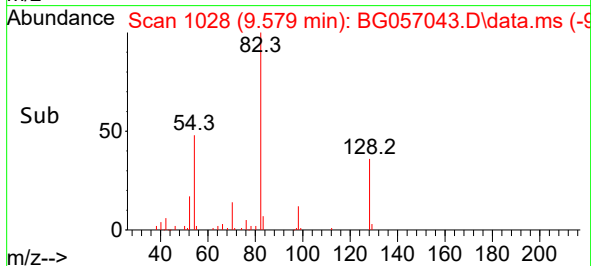
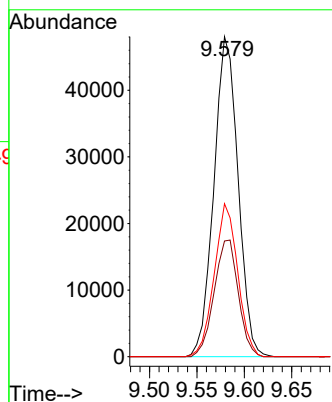
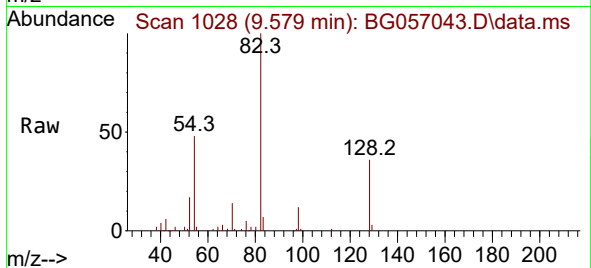
Tgt Ion: 82 Resp: 85150

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

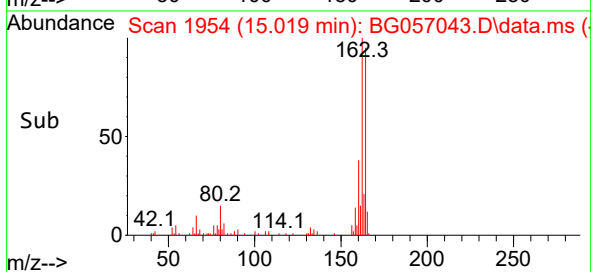
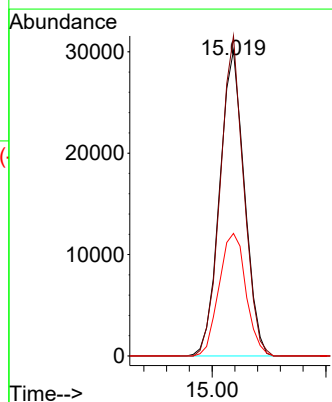
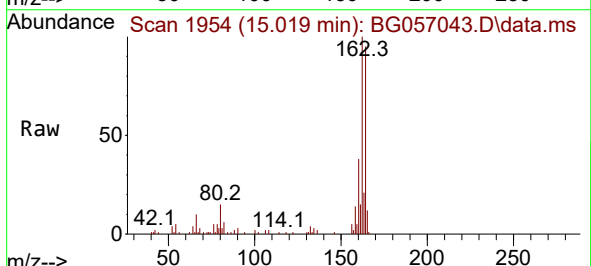
Tgt Ion: 164 Resp: 45501

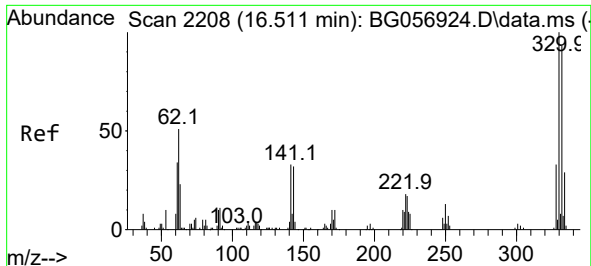
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.004 min

Lab File: BG057043.D

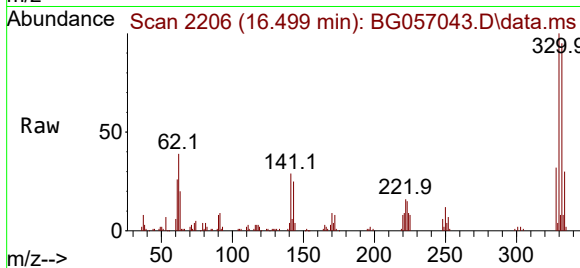
Acq: 10 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-13



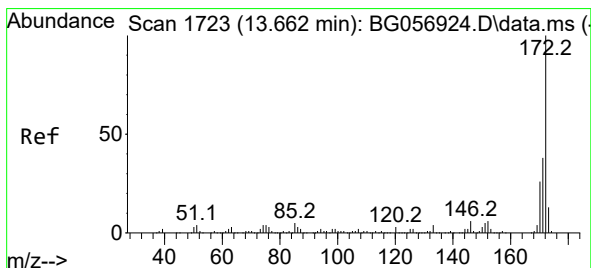
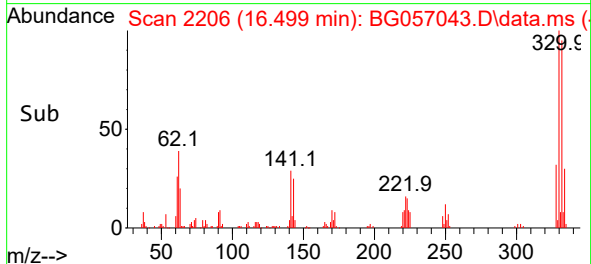
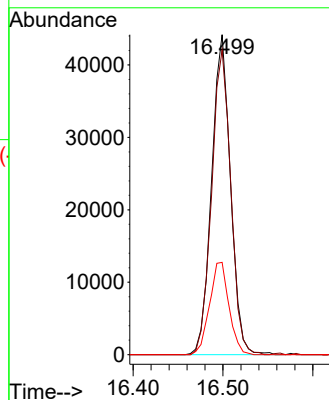
Tgt Ion:330 Resp: 64381

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# 1720

Delta R.T. -0.004 min

Lab File: BG057043.D

Acq: 10 Apr 2023 13:24

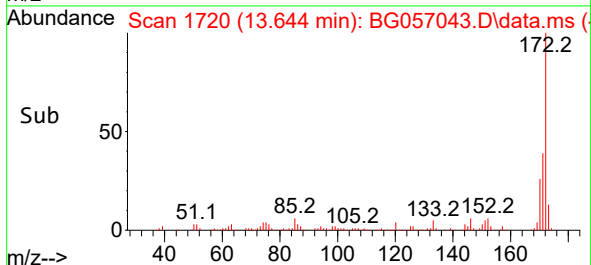
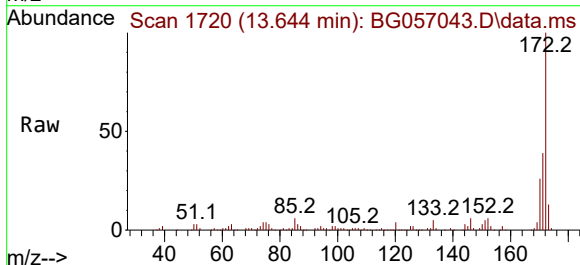
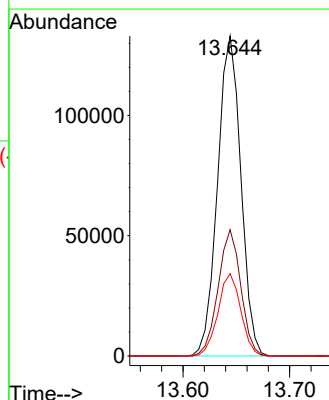
Tgt Ion:172 Resp: 201757

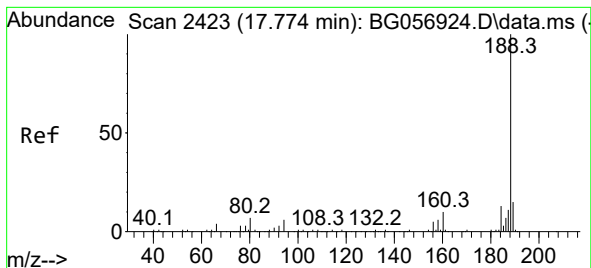
Ion Ratio Lower Upper

172 100

171 39.4 30.6 46.0

170 25.7 20.6 30.8





#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

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-13

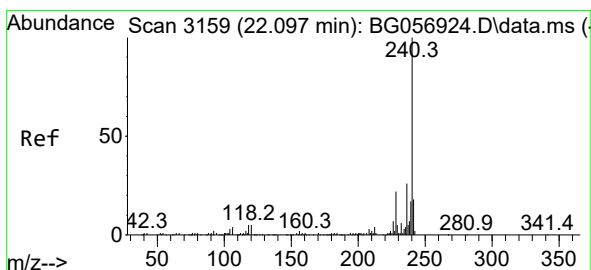
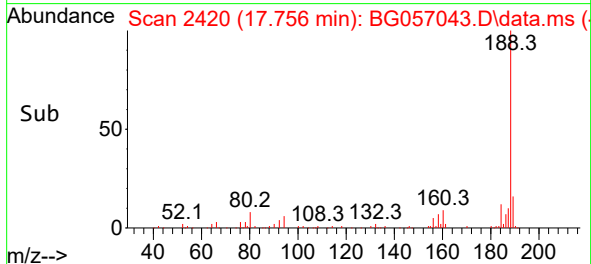
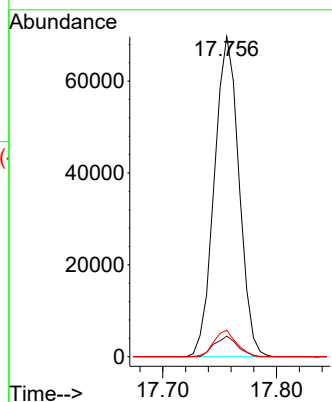
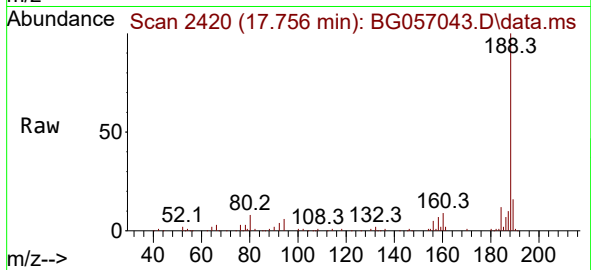
Tgt Ion:188 Resp: 105024

Ion Ratio Lower Upper

188 100

94 6.4 4.6 6.8

80 8.3 5.5 8.3



#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

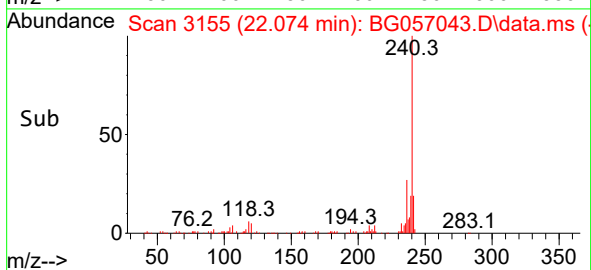
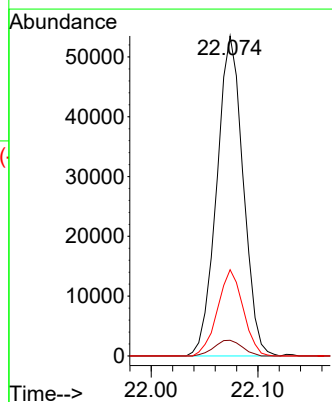
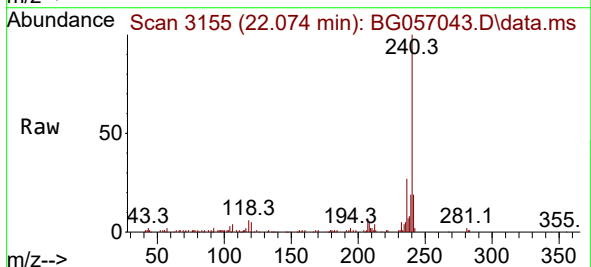
Tgt Ion:240 Resp: 91961

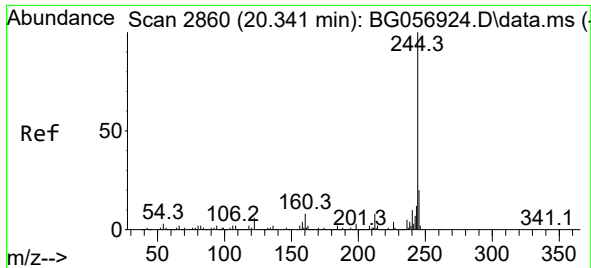
Ion Ratio Lower Upper

240 100

120 4.9 3.8 5.6

236 26.9 21.0 31.6

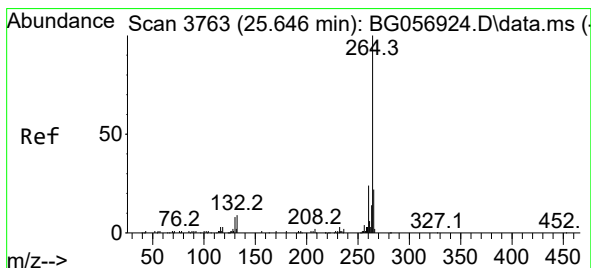
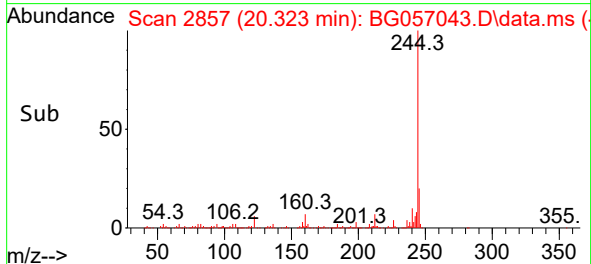
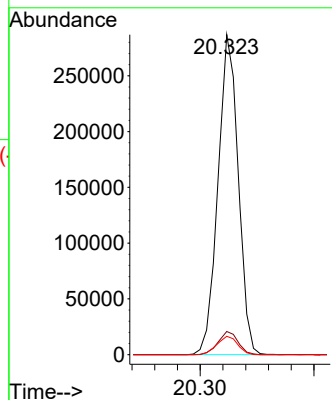
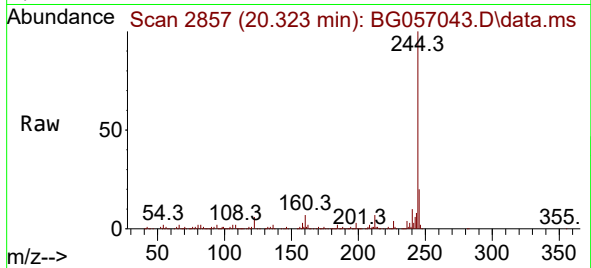




#79
 Terphenyl-d14
 Concen: 65.420 ng
 RT: 20.323 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057043.D
 Acq: 10 Apr 2023 13:24

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

Tgt Ion: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# 3757
 Delta R.T. -0.021 min
 Lab File: BG057043.D
 Acq: 10 Apr 2023 13:24

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

