

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

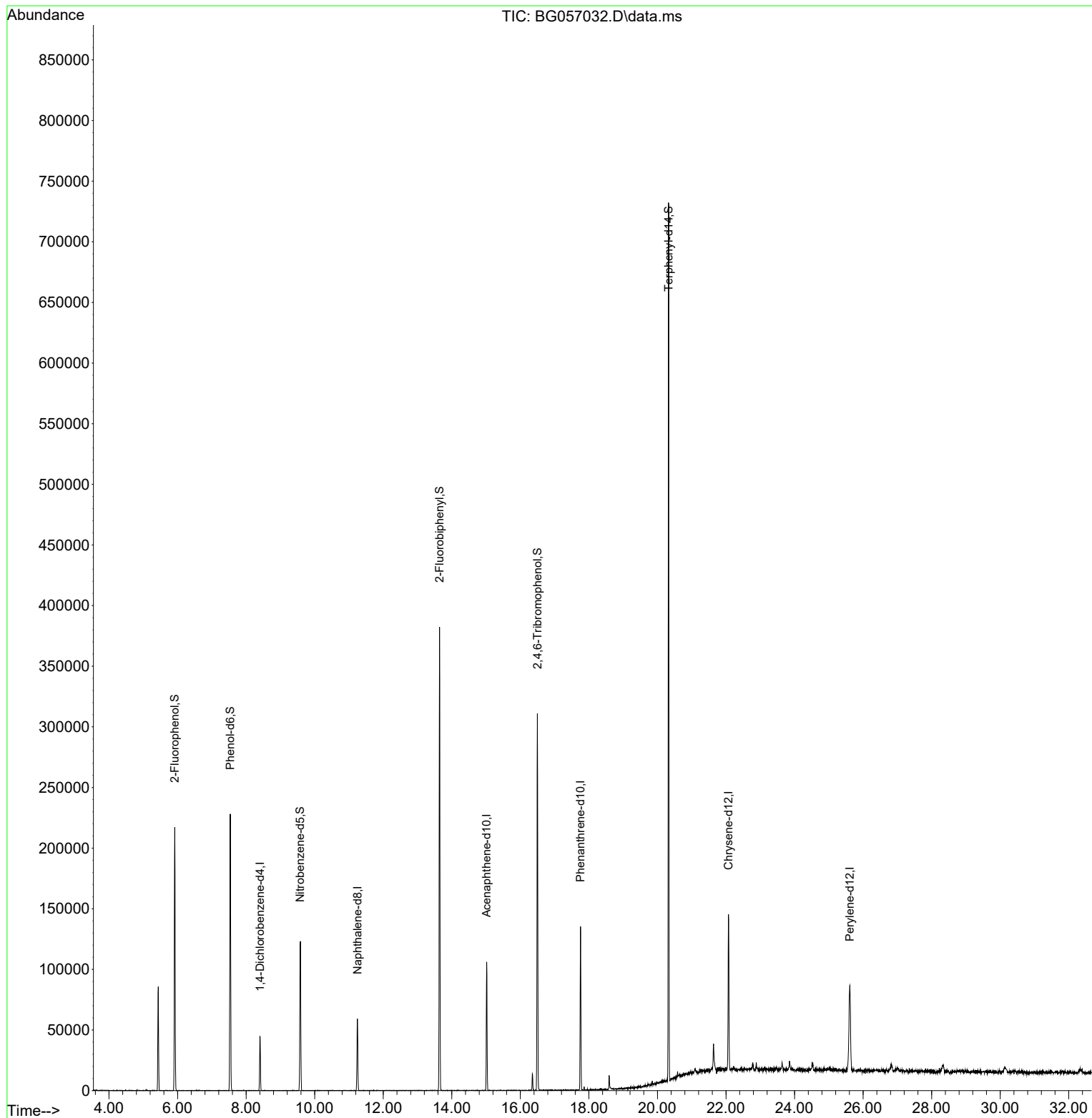
Target Compounds	Qvalue

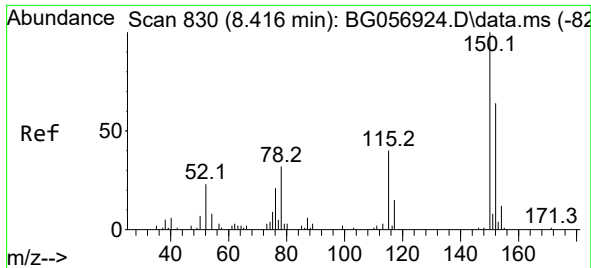
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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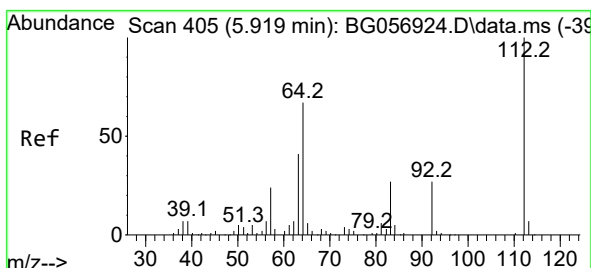
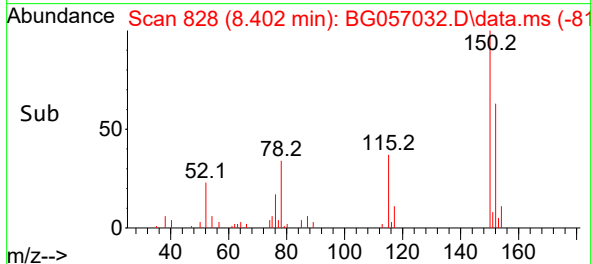
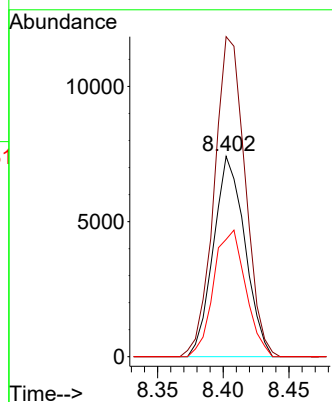
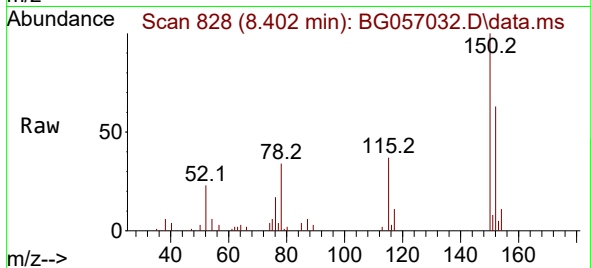




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

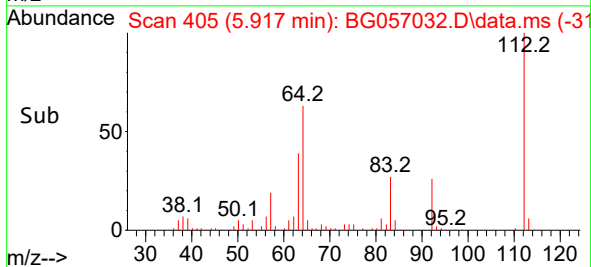
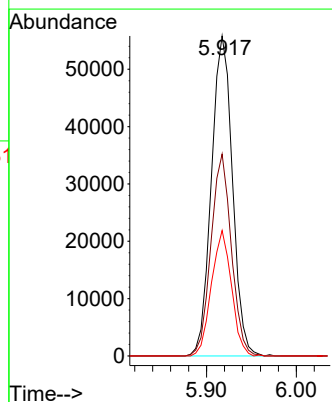
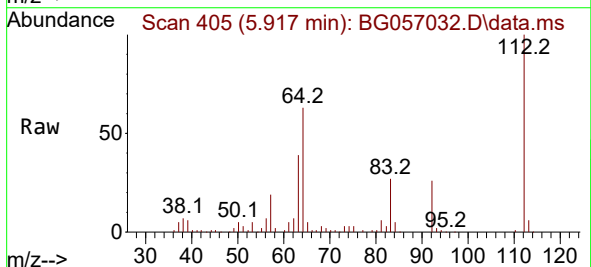
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-08

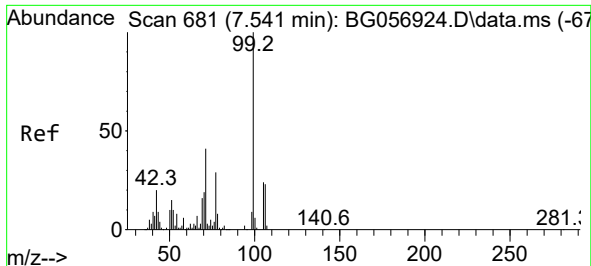
Tgt Ion:152 Resp: 12341
Ion Ratio Lower Upper
152 100
150 159.7 124.1 186.1
115 58.6 49.1 73.7



#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

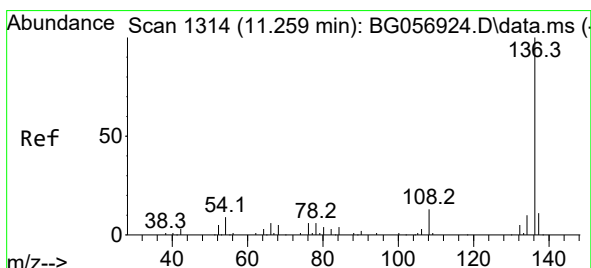
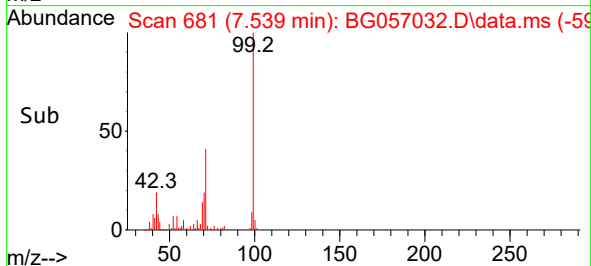
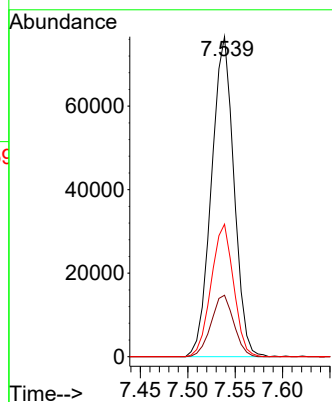
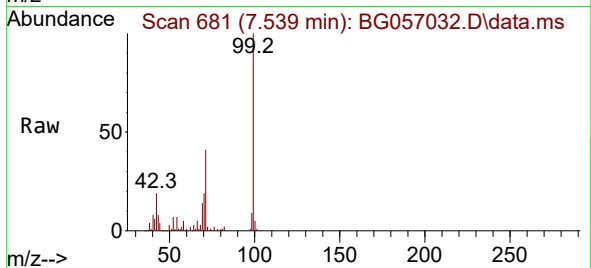




#7
Phenol-d6
Concen: 109.432 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

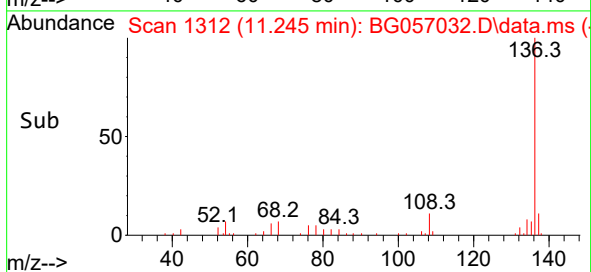
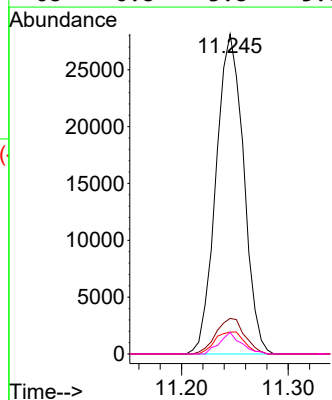
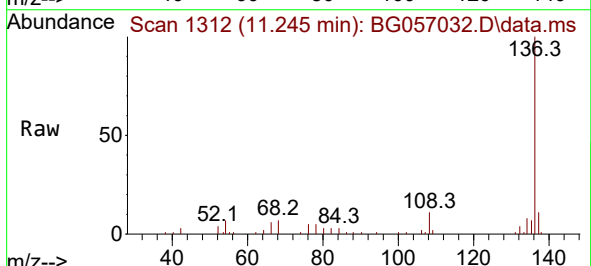
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-08

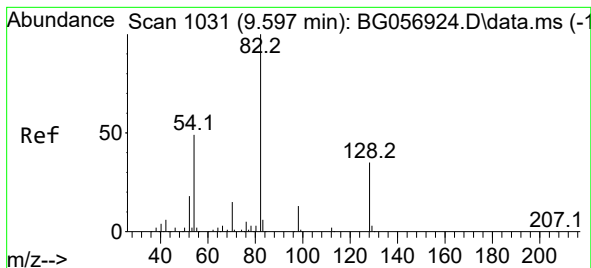
Tgt Ion: 99 Resp: 126205
Ion Ratio Lower Upper
99 100
42 19.2 15.7 23.5
71 41.4 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BG057032.D
Acq: 7 Apr 2023 18:44

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

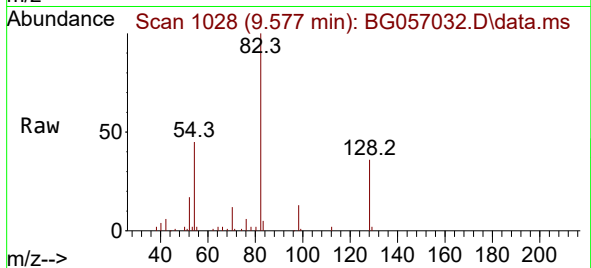
Acq: 7 Apr 2023 18:44

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-08



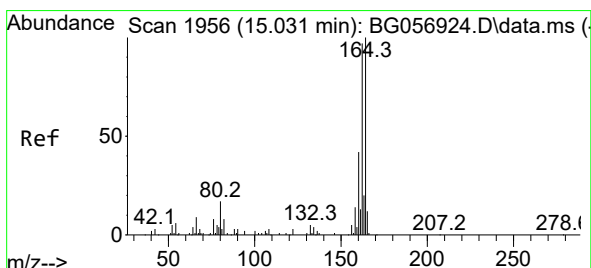
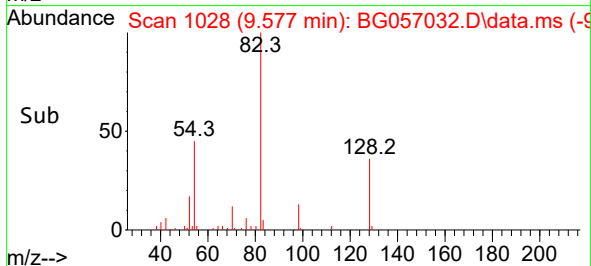
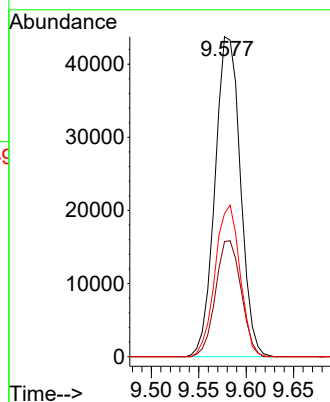
Tgt Ion: 82 Resp: 81558

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

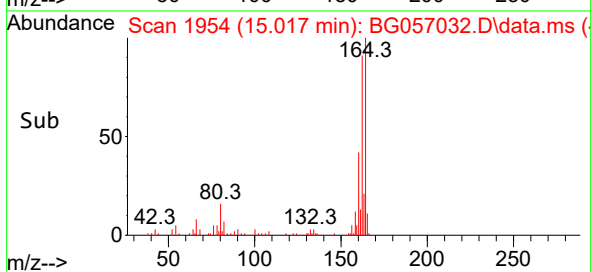
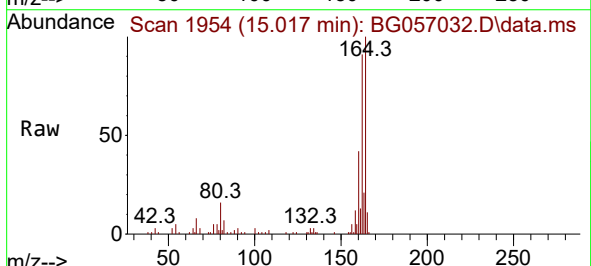
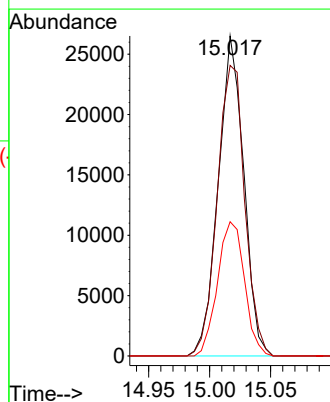
Tgt Ion: 164 Resp: 38581

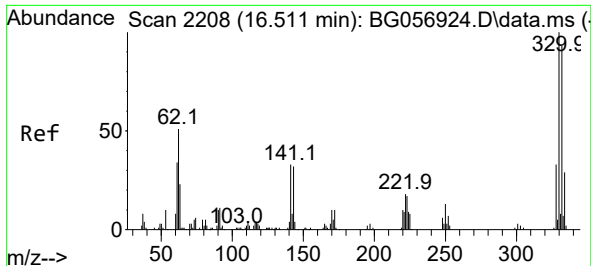
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.005 min

Lab File: BG057032.D

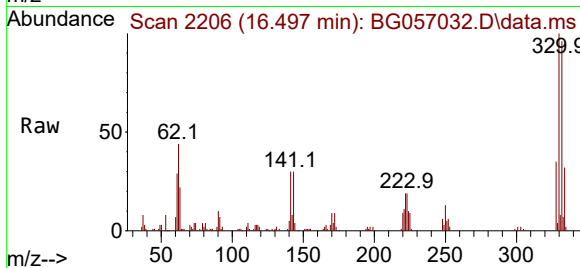
Acq: 7 Apr 2023 18:44

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-08



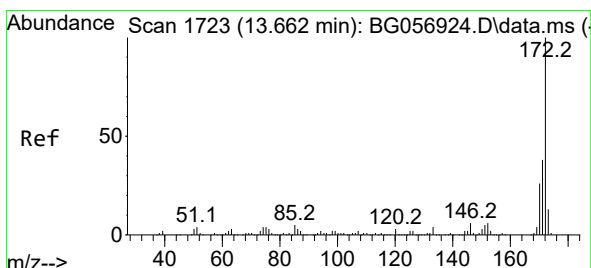
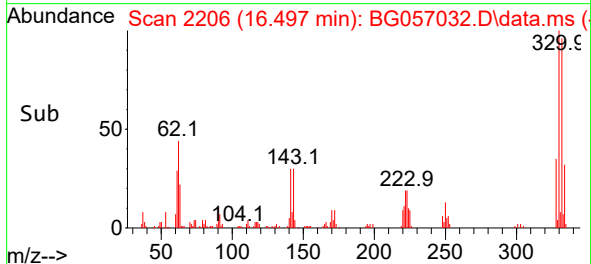
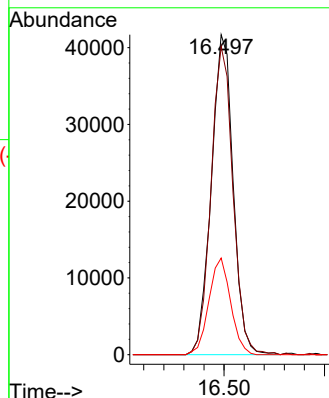
Tgt Ion:330 Resp: 62944

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# 1720

Delta R.T. -0.005 min

Lab File: BG057032.D

Acq: 7 Apr 2023 18:44

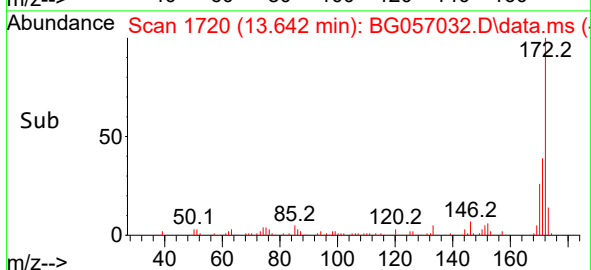
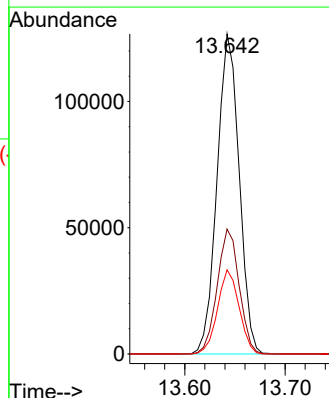
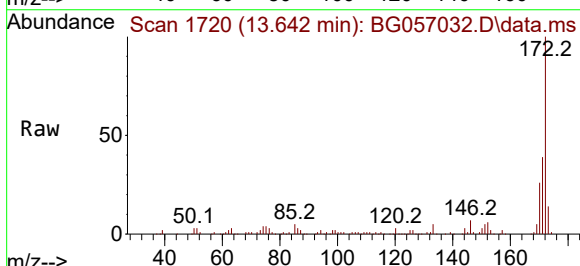
Tgt Ion:172 Resp: 193734

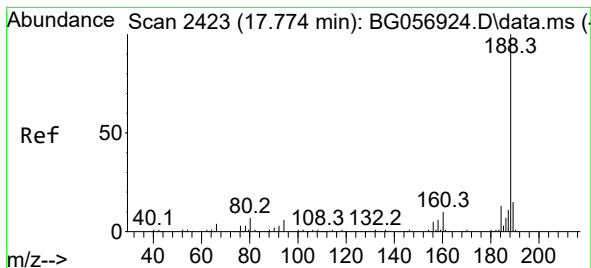
Ion Ratio Lower Upper

172 100

171 39.0 30.6 46.0

170 26.3 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057032.D

Acq: 7 Apr 2023 18:44

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-08

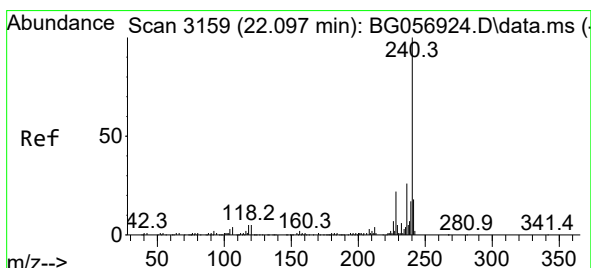
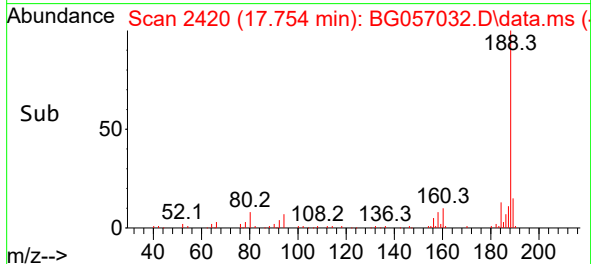
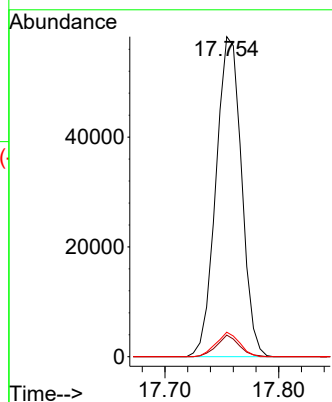
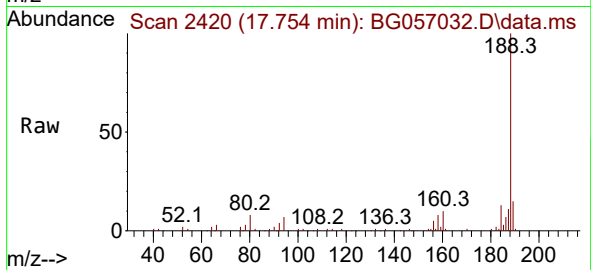
Tgt Ion:188 Resp: 91061

Ion Ratio Lower Upper

188 100

94 6.8 4.6 6.8

80 7.7 5.5 8.3



#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

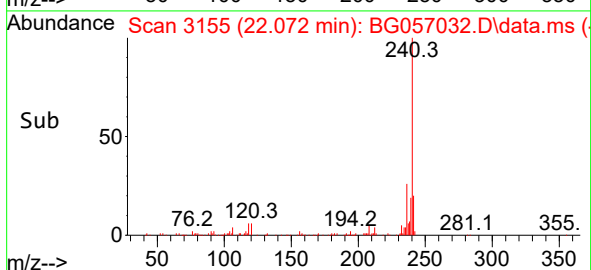
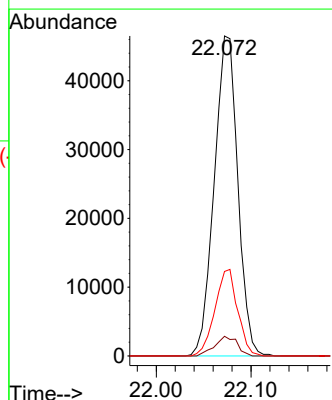
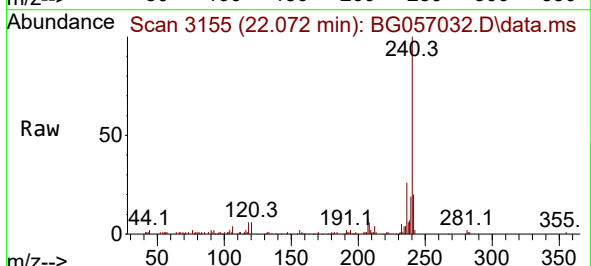
Tgt Ion:240 Resp: 80386

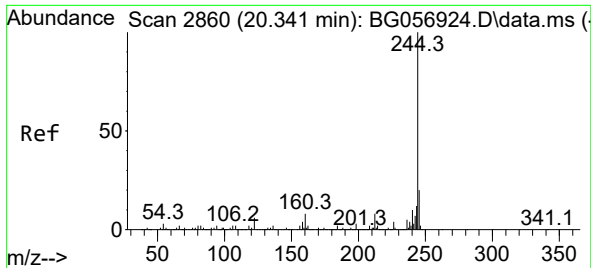
Ion Ratio Lower Upper

240 100

120 6.2 3.8 5.6#

236 26.4 21.0 31.6

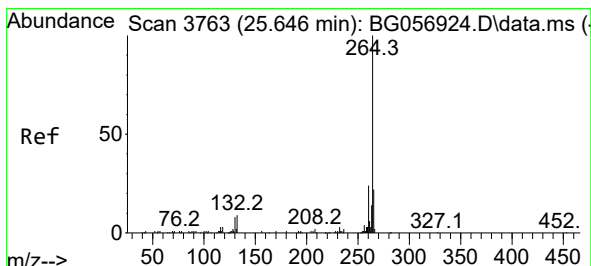
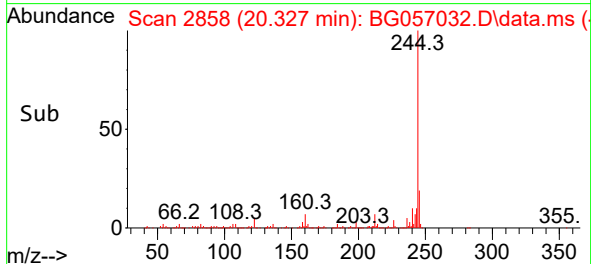
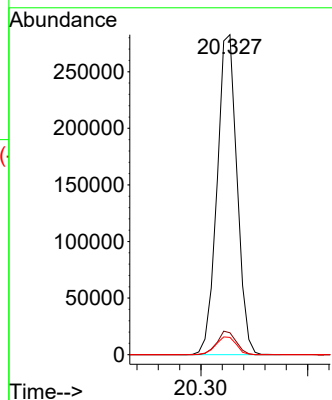
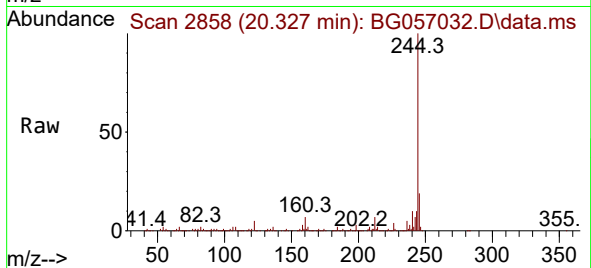




#79
 Terphenyl-d14
 Concen: 77.059 ng
 RT: 20.327 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057032.D
 Acq: 7 Apr 2023 18:44

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

Tgt Ion: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# 3757
 Delta R.T. -0.023 min
 Lab File: BG057032.D
 Acq: 7 Apr 2023 18:44

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

