

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057045.D
 Acq On : 10 Apr 2023 14:48
 Operator : CG/JU
 Sample : 02224-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-09

Quant Time: Apr 11 04:12:46 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	16987	20.000	ng	0.00
21) Naphthalene-d8	11.244	136	68384	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	48128	20.000	ng	0.00
64) Phenanthrene-d10	17.753	188	111377	20.000	ng	0.00
76) Chrysene-d12	22.071	240	97410	20.000	ng	#-0.01
86) Perylene-d12	25.607	264	106502	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	105712	99.598	ng	0.00
7) Phenol-d6	7.538	99	149539	94.201	ng	0.00
23) Nitrobenzene-d5	9.582	82	99957	59.809	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	72880	94.790	ng	0.00
45) 2-Fluorobiphenyl	13.641	172	229427	64.641	ng	0.00
79) Terphenyl-d14	20.326	244	396045	68.799	ng	0.00

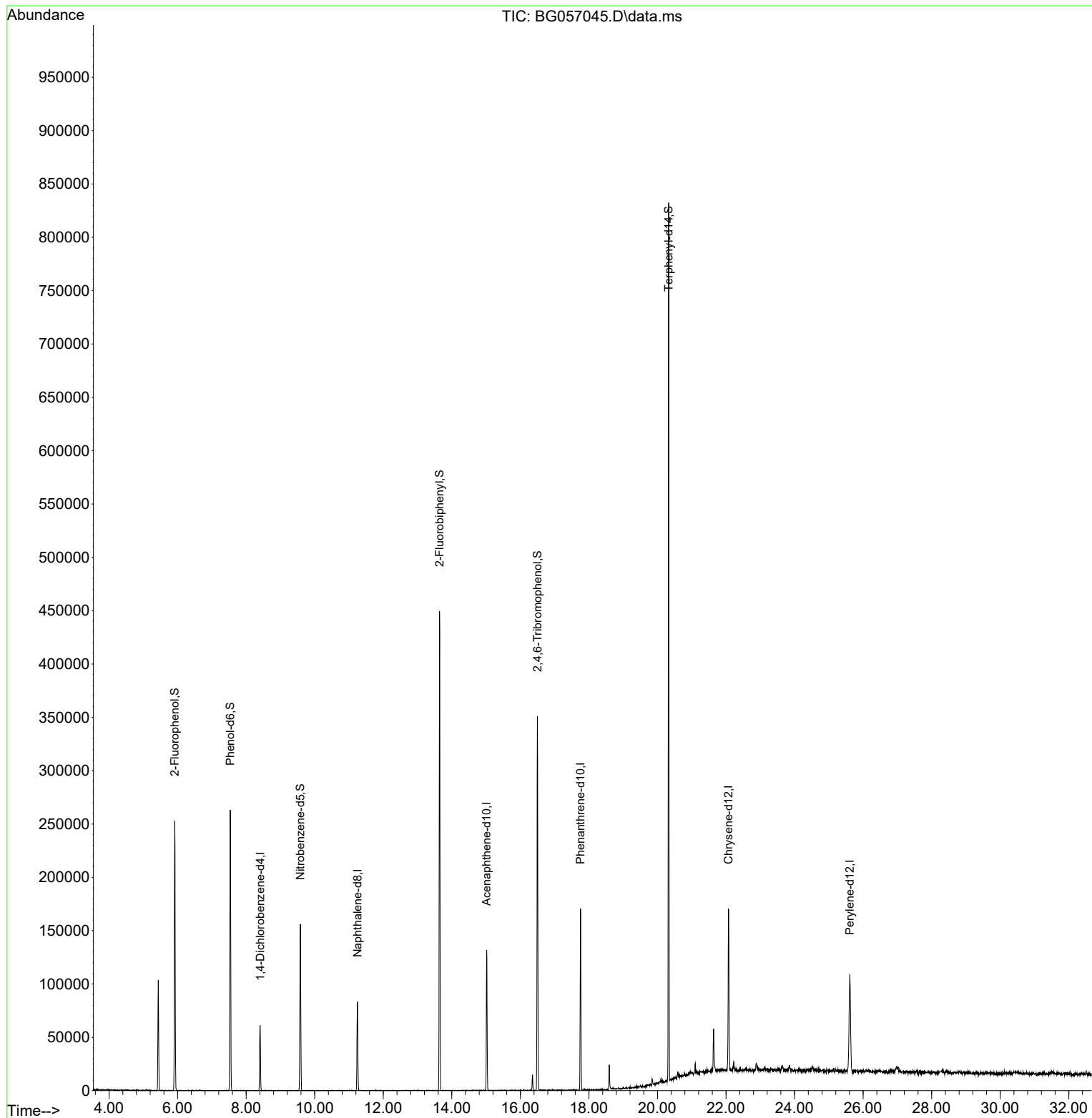
Target Compounds	Qvalue

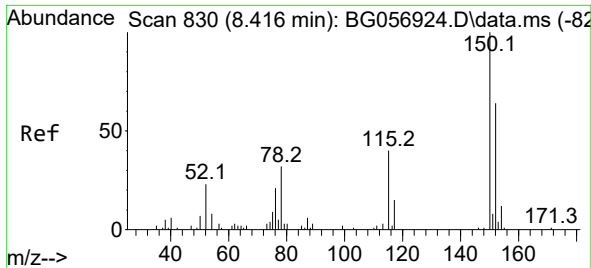
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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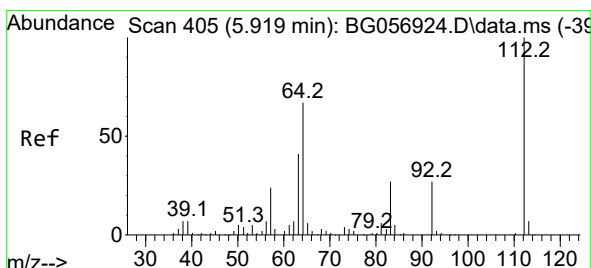
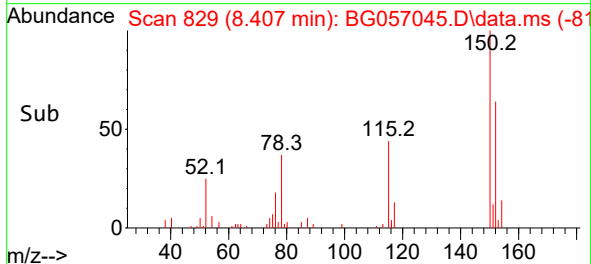
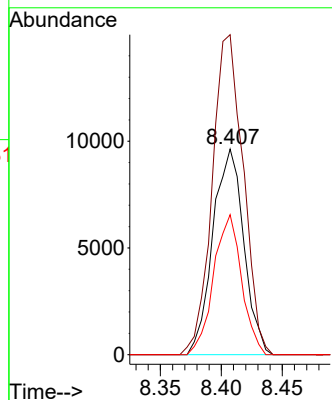
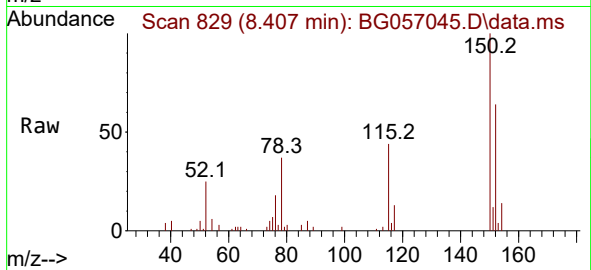




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

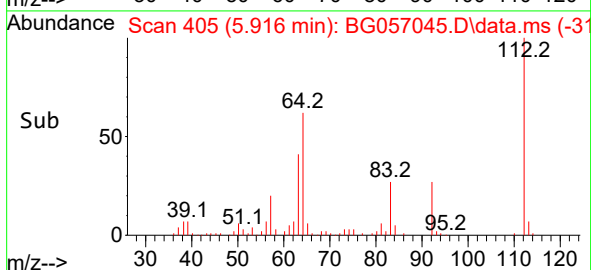
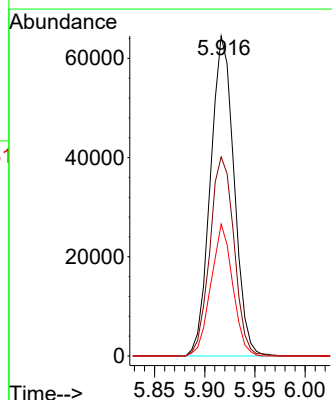
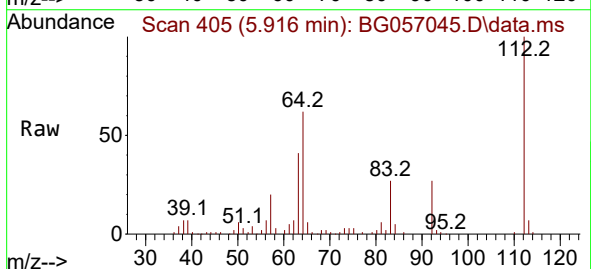
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-09

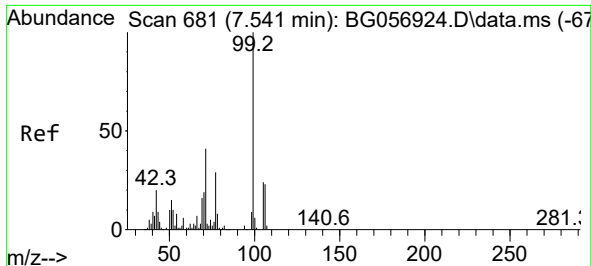
Tgt Ion:152 Resp: 16987
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 68.1 49.1 73.7



#5
2-Fluorophenol
Concen: 99.598 ng
RT: 5.916 min Scan# 405
Delta R.T. -0.001 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

Tgt Ion:112 Resp: 105712
Ion Ratio Lower Upper
112 100
64 62.2 53.2 79.8
63 41.2 32.6 48.8

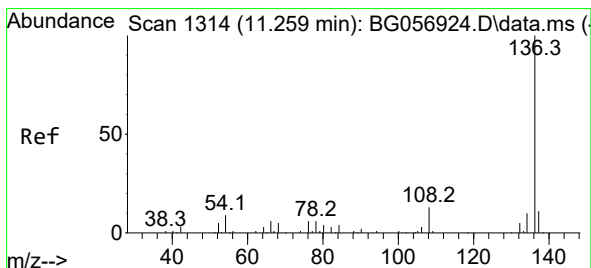
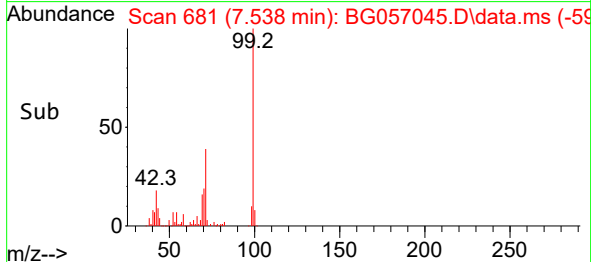
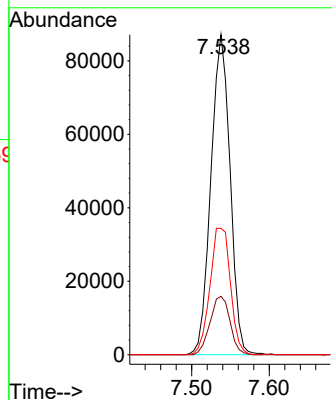
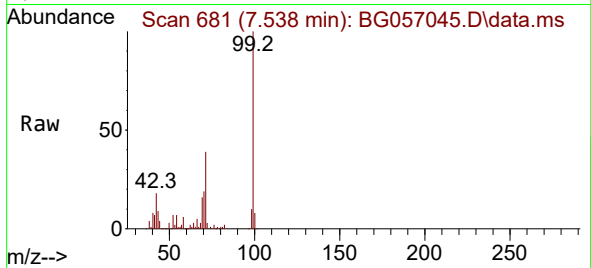




#7
Phenol-d6
Concen: 94.201 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

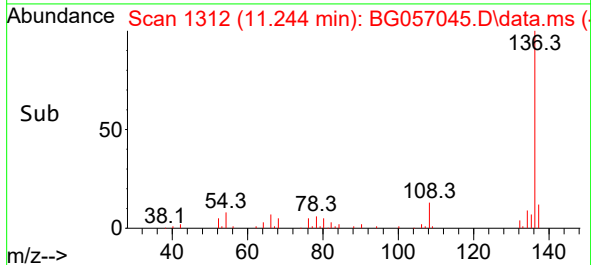
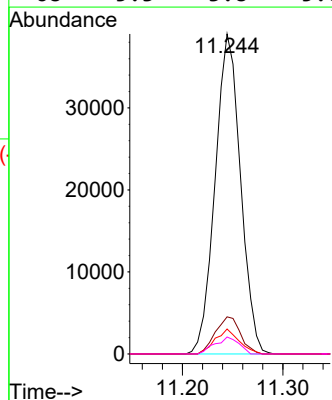
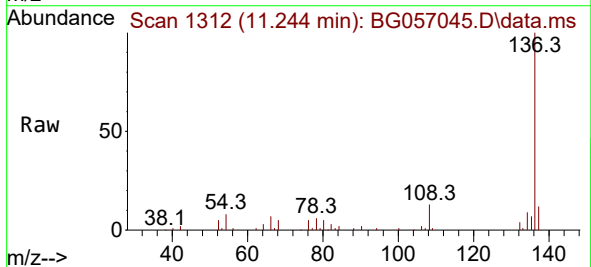
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-09

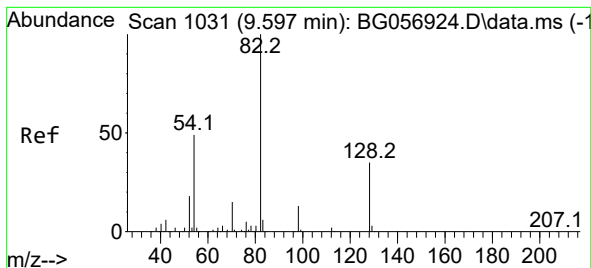
Tgt Ion: 99 Resp: 149539
Ion Ratio Lower Upper
99 100
42 18.2 15.7 23.5
71 39.5 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.244 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

Tgt Ion: 136 Resp: 68384
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 7.8 6.9 10.3
68 5.3 3.8 5.6





#23

Nitrobenzene-d5

Concen: 59.809 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BG057045.D

Acq: 10 Apr 2023 14:48

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-09

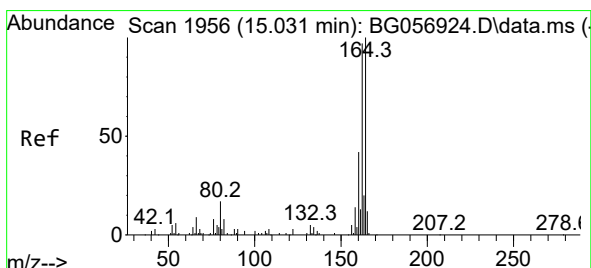
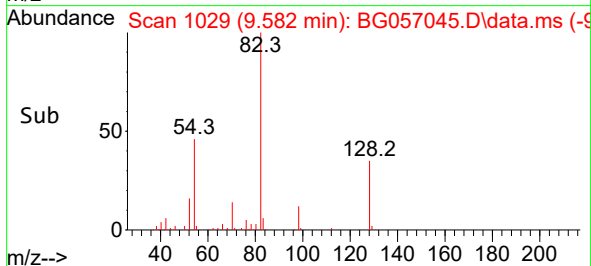
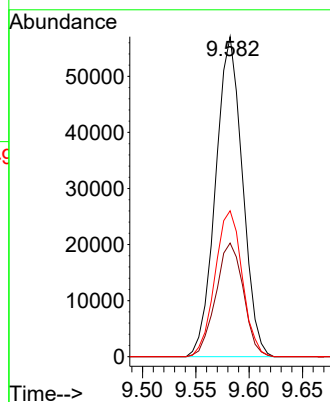
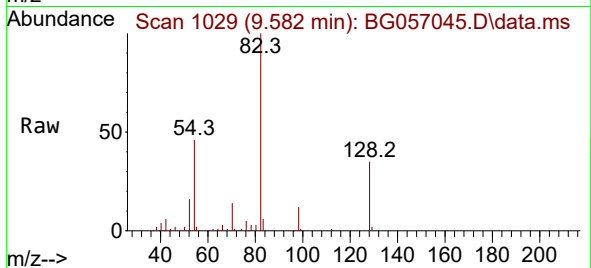
Tgt Ion: 82 Resp: 99957

Ion Ratio Lower Upper

82 100

128 35.5 27.9 41.9

54 45.6 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: BG057045.D

Acq: 10 Apr 2023 14:48

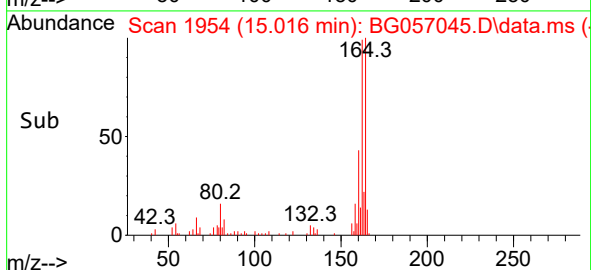
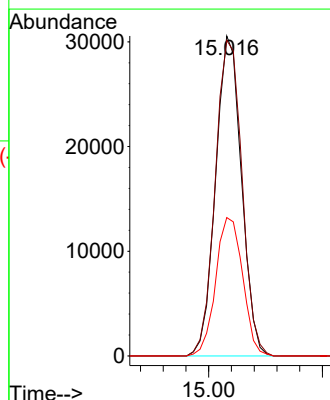
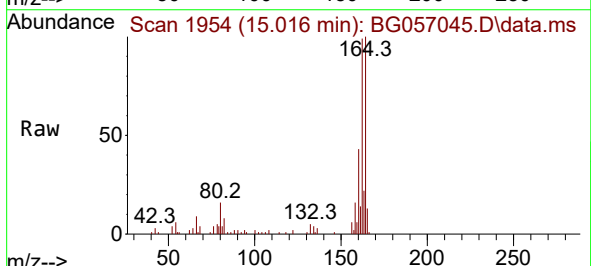
Tgt Ion: 164 Resp: 48128

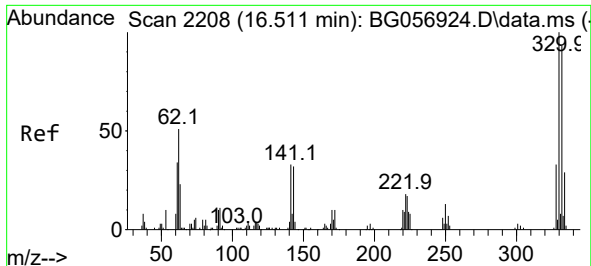
Ion Ratio Lower Upper

164 100

162 98.6 77.8 116.8

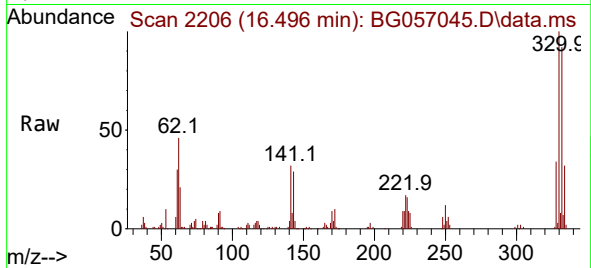
160 43.3 33.5 50.3



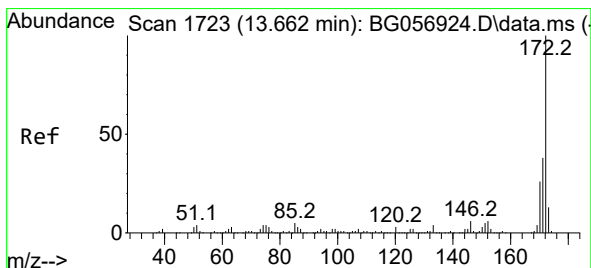
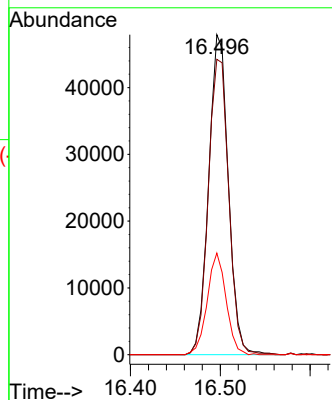
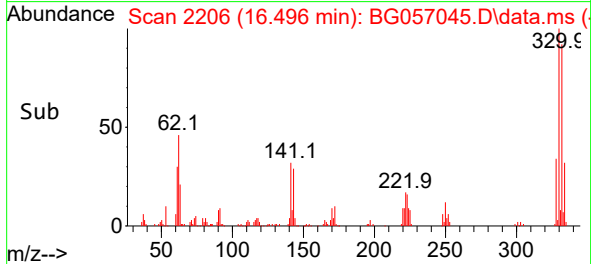


#42
2,4,6-Tribromophenol
Concen: 94.790 ng
RT: 16.496 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-09

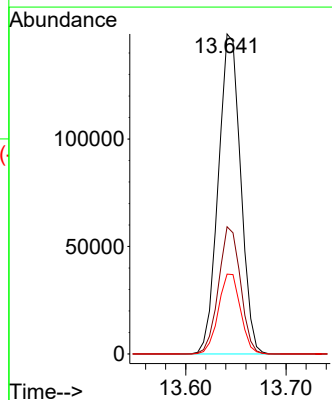
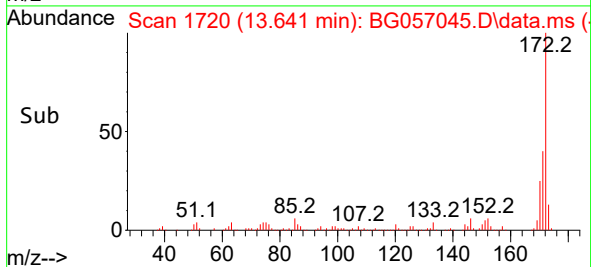
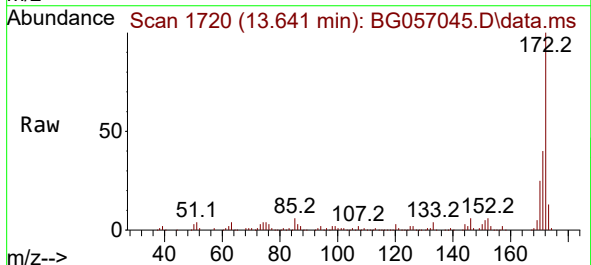


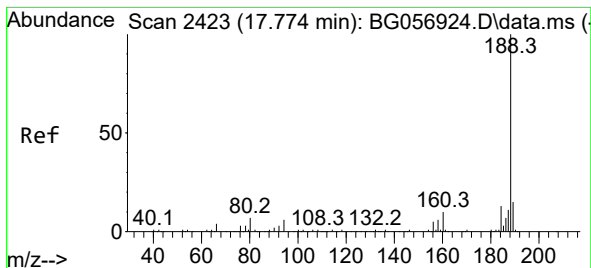
Tgt Ion:330 Resp: 72880
Ion Ratio Lower Upper
330 100
332 95.7 76.1 114.1
141 30.5 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 64.641 ng
RT: 13.641 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG057045.D
Acq: 10 Apr 2023 14:48

Tgt Ion:172 Resp: 229427
Ion Ratio Lower Upper
172 100
171 39.8 30.6 46.0
170 25.0 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.753 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG057045.D

Acq: 10 Apr 2023 14:48

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-09

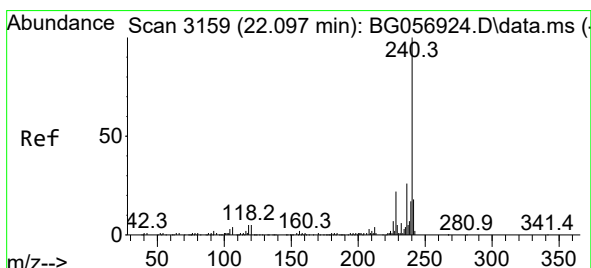
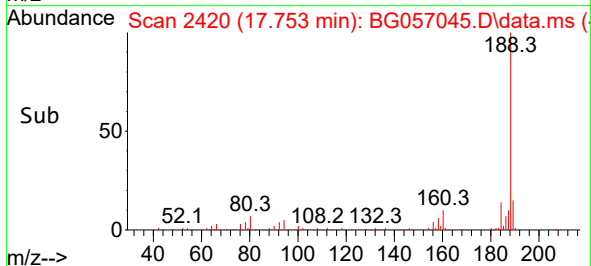
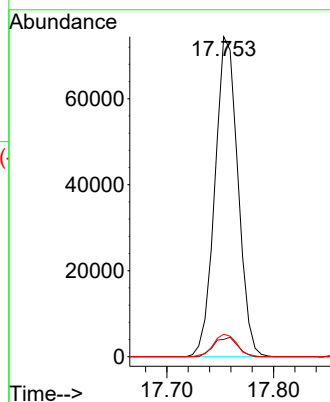
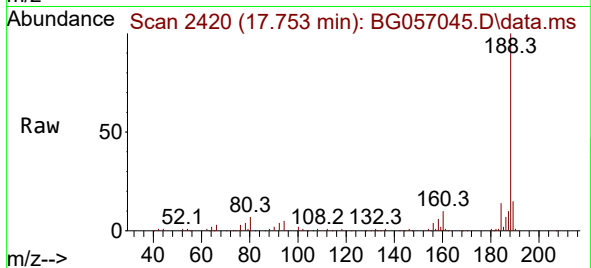
Tgt Ion:188 Resp: 111377

Ion Ratio Lower Upper

188 100

94 5.4 4.6 6.8

80 7.0 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.071 min Scan# 3155

Delta R.T. -0.012 min

Lab File: BG057045.D

Acq: 10 Apr 2023 14:48

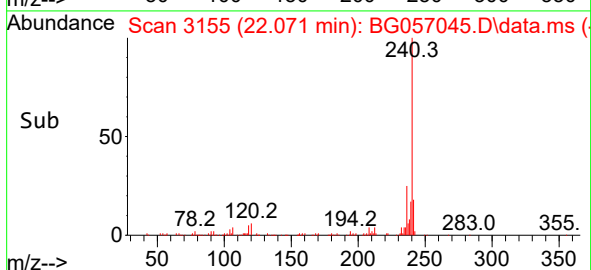
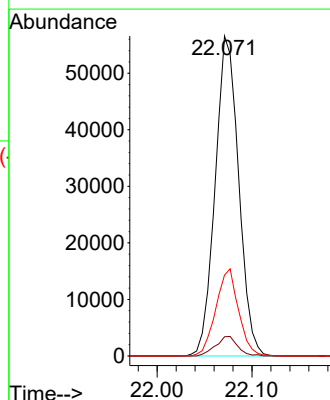
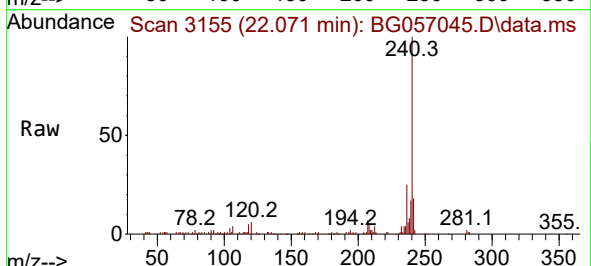
Tgt Ion:240 Resp: 97410

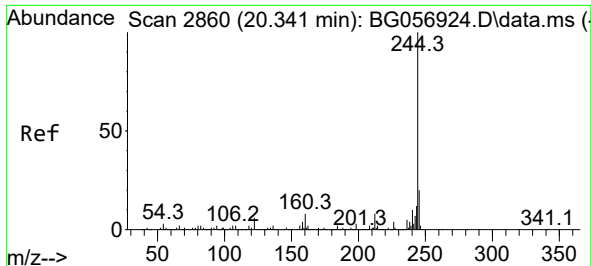
Ion Ratio Lower Upper

240 100

120 6.0 3.8 5.6#

236 25.3 21.0 31.6

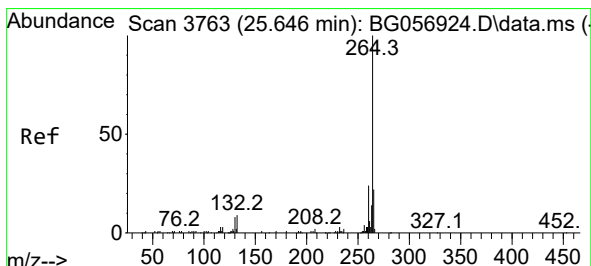
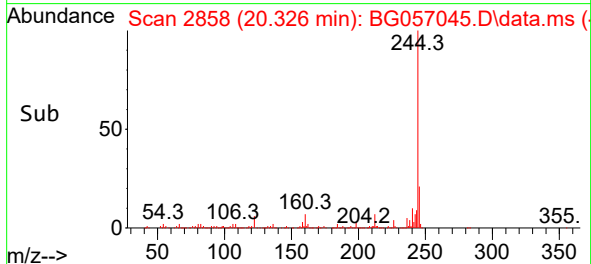
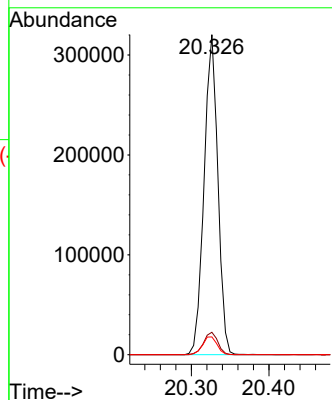
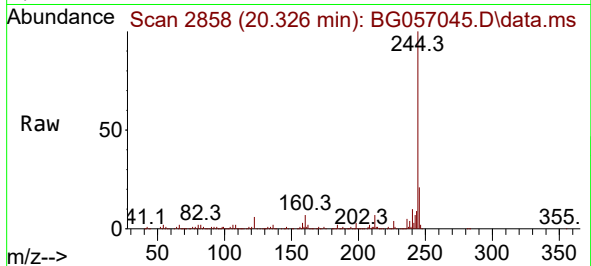




#79
 Terphenyl-d14
 Concen: 68.799 ng
 RT: 20.326 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057045.D
 Acq: 10 Apr 2023 14:48

Instrument :
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Tgt Ion:244 Resp: 396045
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 5.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.607 min Scan# 3757
 Delta R.T. -0.024 min
 Lab File: BG057045.D
 Acq: 10 Apr 2023 14:48

Tgt Ion:264 Resp: 106502
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.0 28.4
 265 23.2 17.8 26.6

