

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057035.D
 Acq On : 7 Apr 2023 20:49
 Operator : CG/JU
 Sample : 02224-29
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-15

Quant Time: Apr 08 04:52:20 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	12303	20.000	ng	0.00
21) Naphthalene-d8	11.247	136	47179	20.000	ng	# 0.00
39) Acenaphthene-d10	15.018	164	34735	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	84654	20.000	ng	0.00
76) Chrysene-d12	22.073	240	70803	20.000	ng	-0.01
86) Perylene-d12	25.615	264	75262	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.913	112	66629	86.675	ng	0.00
7) Phenol-d6	7.534	99	124506	108.292	ng	0.00
23) Nitrobenzene-d5	9.578	82	87401	75.802	ng	-0.01
42) 2,4,6-Tribromophenol	16.498	330	34120	61.488	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	208189	81.274	ng	0.00
79) Terphenyl-d14	20.323	244	376077	89.881	ng	0.00

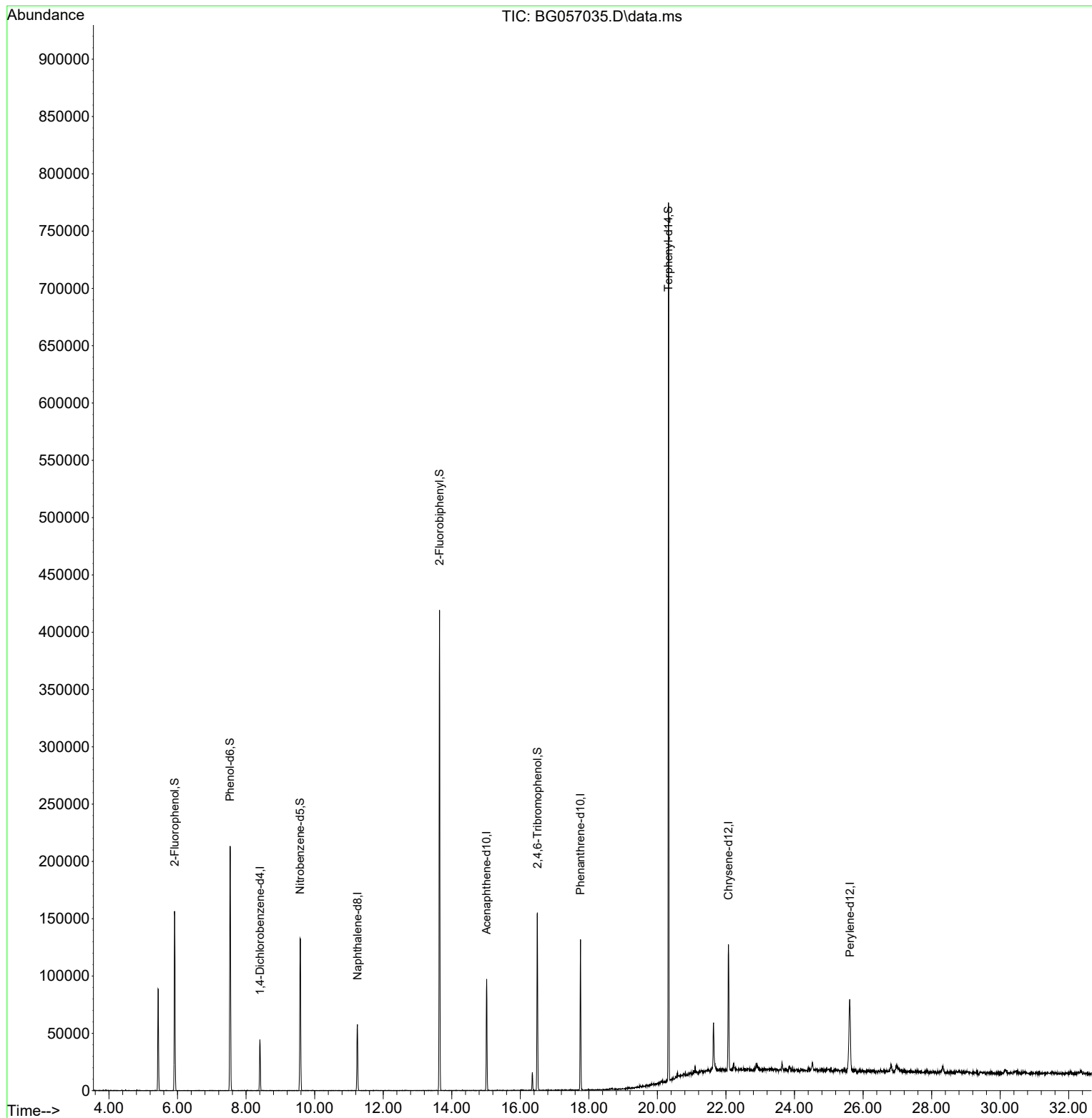
Target Compounds	Qvalue

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

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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
Response via : Initial Calibration

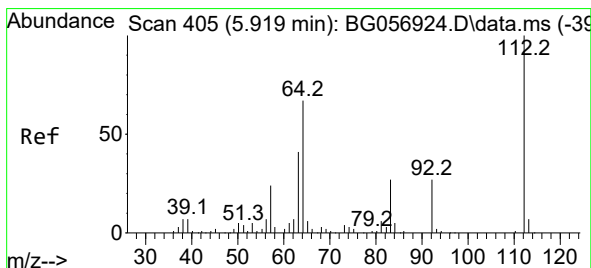
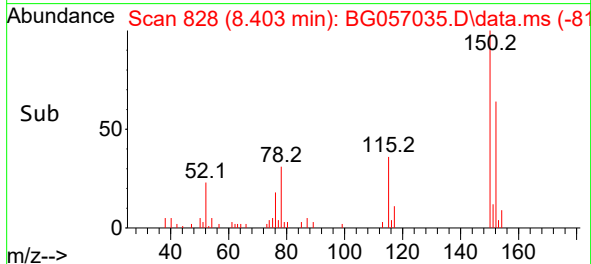
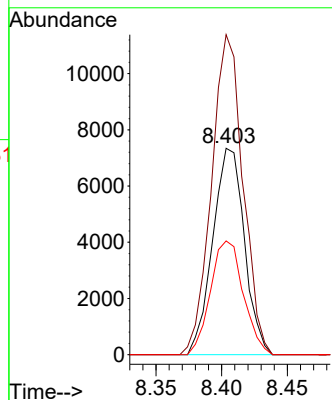
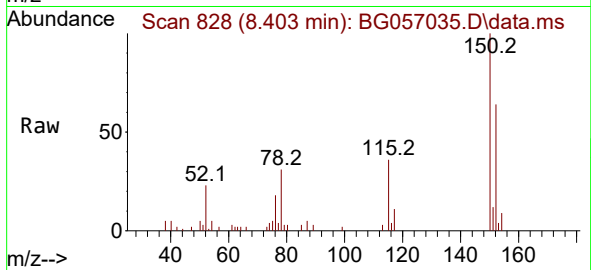




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057035.D
Acq: 7 Apr 2023 20:49

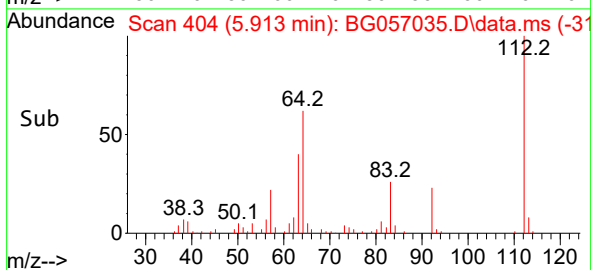
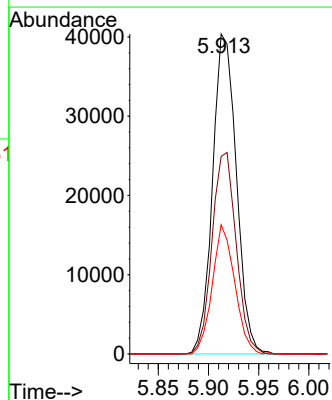
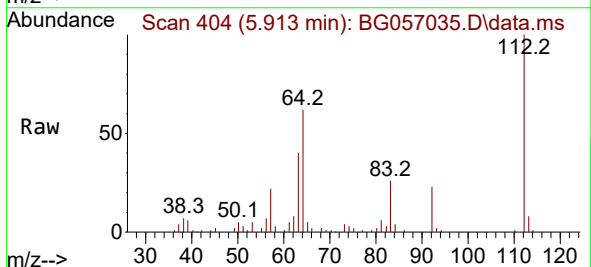
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-15

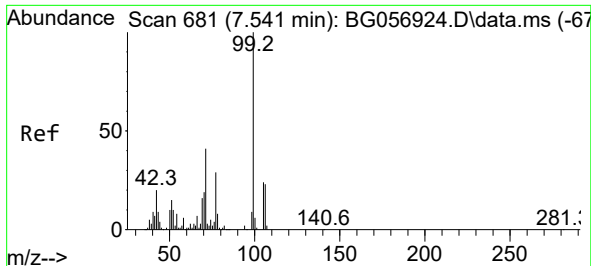
Tgt Ion:152 Resp: 12303
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 55.1 49.1 73.7



#5
2-Fluorophenol
Concen: 86.675 ng
RT: 5.913 min Scan# 404
Delta R.T. -0.004 min
Lab File: BG057035.D
Acq: 7 Apr 2023 20:49

Tgt Ion:112 Resp: 66629
Ion Ratio Lower Upper
112 100
64 61.7 53.2 79.8
63 40.4 32.6 48.8

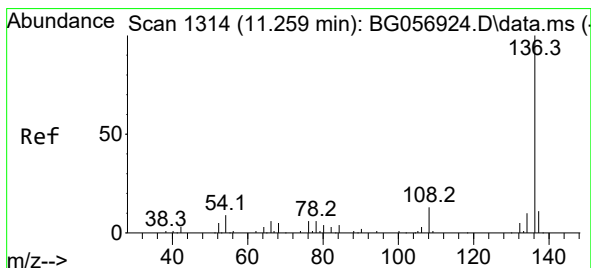
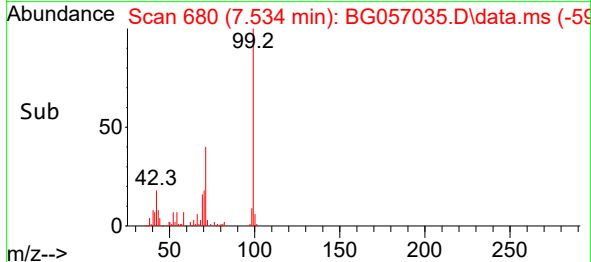
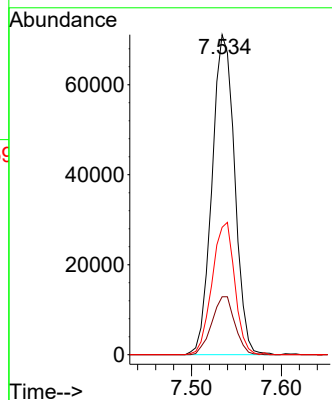
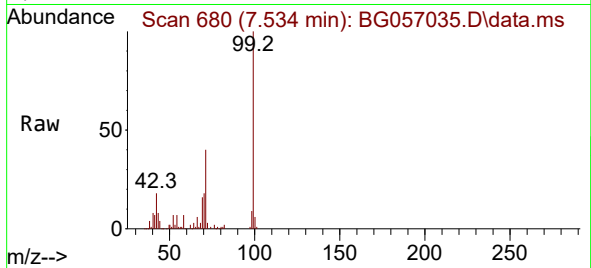




#7
Phenol-d6
Concen: 108.292 ng
RT: 7.534 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057035.D
Acq: 7 Apr 2023 20:49

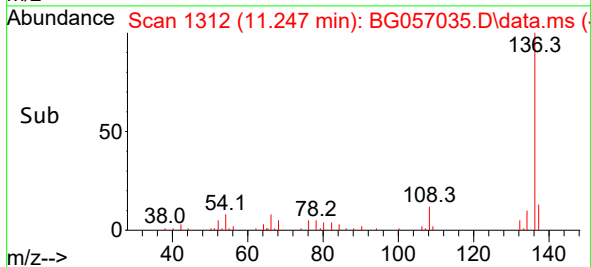
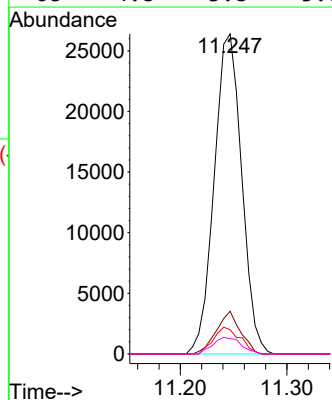
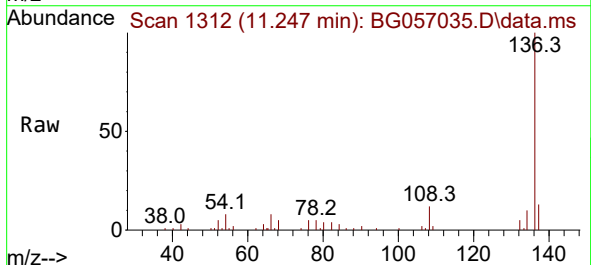
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-15

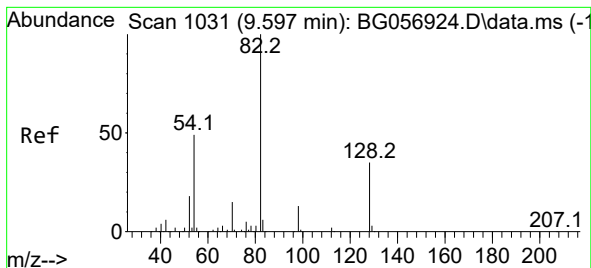
Tgt Ion: 99 Resp: 124506
Ion Ratio Lower Upper
99 100
42 18.1 15.7 23.5
71 39.8 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.247 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG057035.D
Acq: 7 Apr 2023 20:49

Tgt Ion: 136 Resp: 47179
Ion Ratio Lower Upper
136 100
137 13.4 8.6 13.0#
54 7.6 6.9 10.3
68 4.8 3.8 5.6





#23

Nitrobenzene-d5

Concen: 75.802 ng

RT: 9.578 min Scan# 1028

Delta R.T. -0.010 min

Lab File: BG057035.D

Acq: 7 Apr 2023 20:49

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-15

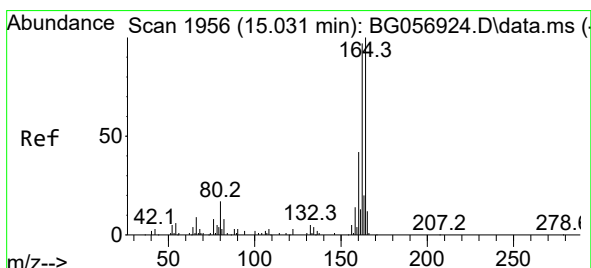
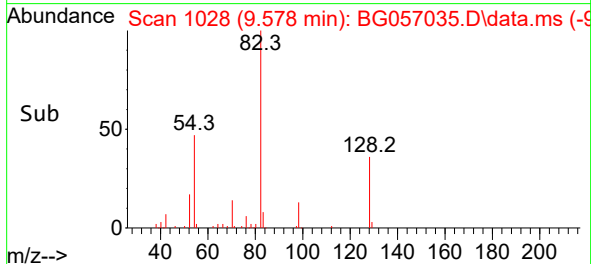
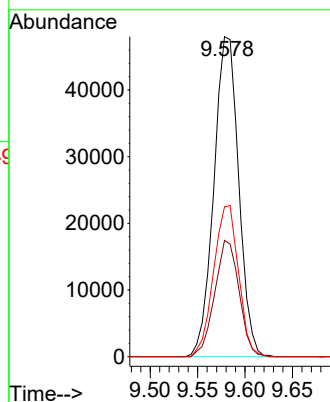
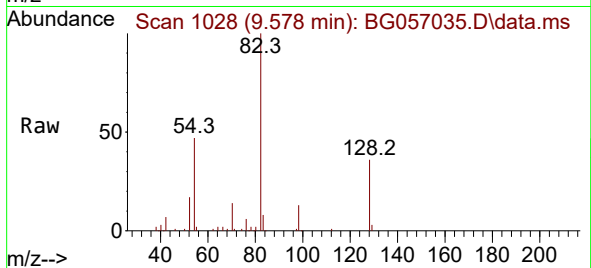
Tgt Ion: 82 Resp: 87401

Ion Ratio Lower Upper

82 100

128 36.3 27.9 41.9

54 46.9 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: BG057035.D

Acq: 7 Apr 2023 20:49

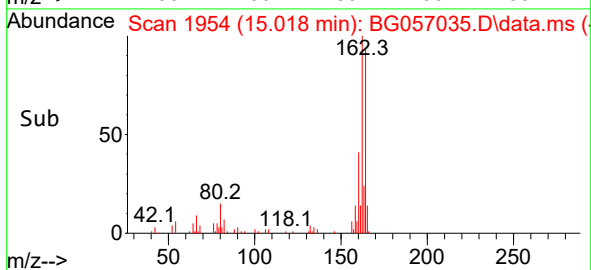
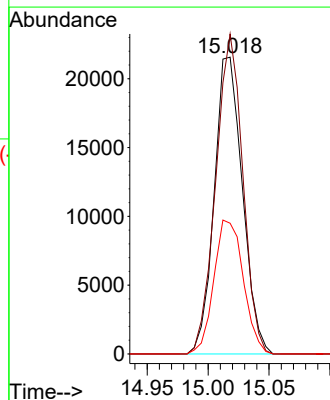
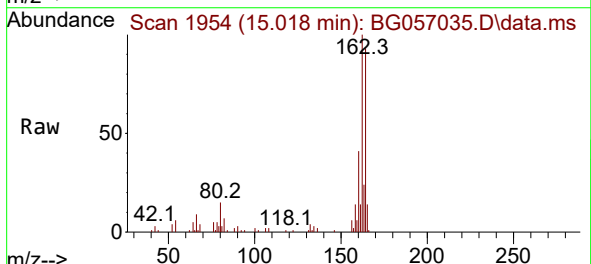
Tgt Ion: 164 Resp: 34735

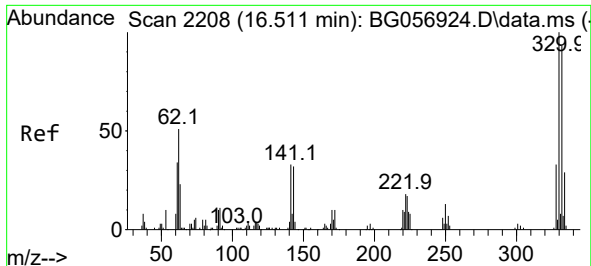
Ion Ratio Lower Upper

164 100

162 107.8 77.8 116.8

160 44.0 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 61.488 ng

RT: 16.498 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057035.D

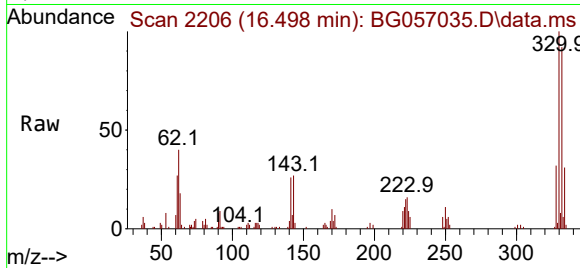
Acq: 7 Apr 2023 20:49

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-15



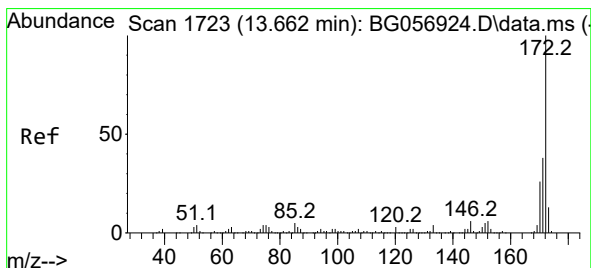
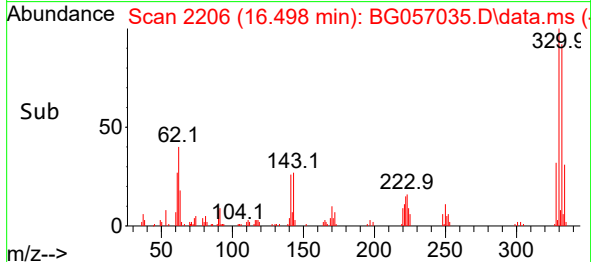
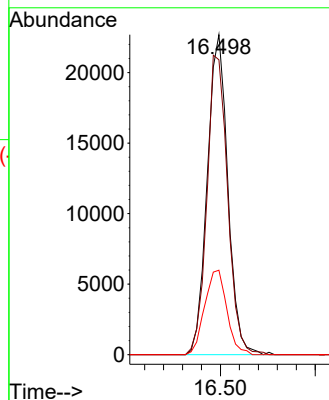
Tgt Ion:330 Resp: 34120

Ion Ratio Lower Upper

330 100

332 94.7 76.1 114.1

141 28.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 81.274 ng

RT: 13.643 min Scan# 1720

Delta R.T. -0.004 min

Lab File: BG057035.D

Acq: 7 Apr 2023 20:49

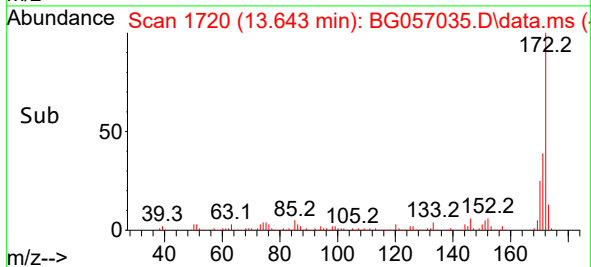
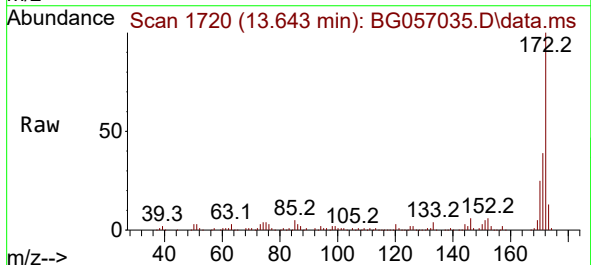
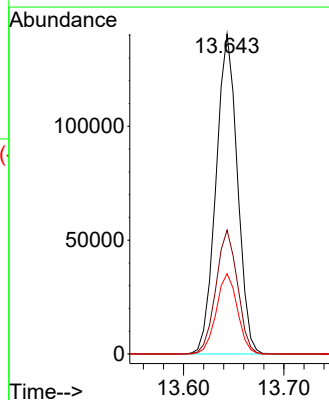
Tgt Ion:172 Resp: 208189

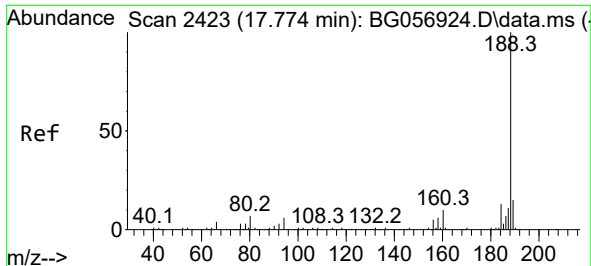
Ion Ratio Lower Upper

172 100

171 38.7 30.6 46.0

170 25.1 20.6 30.8

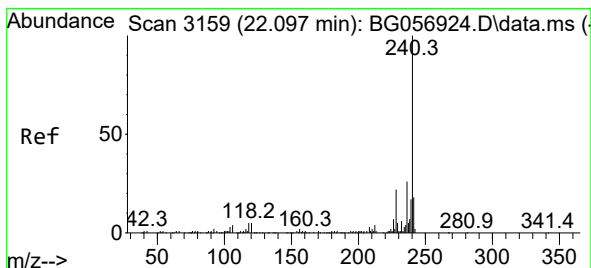
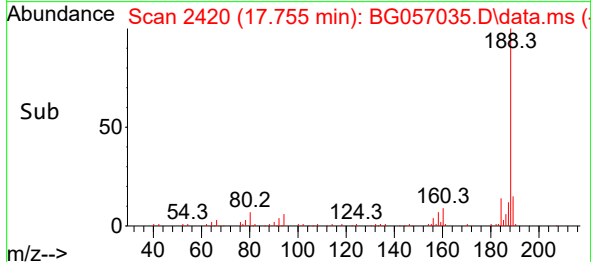
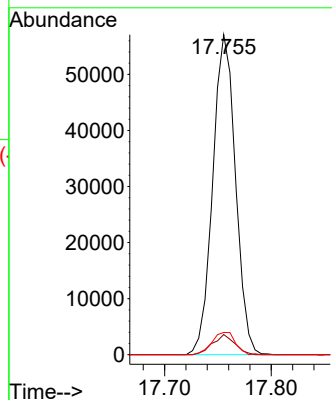
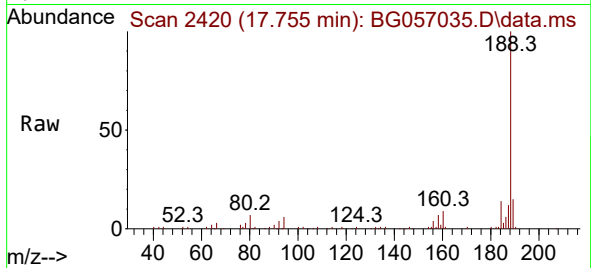




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.755 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG057035.D
Acq: 7 Apr 2023 20:49

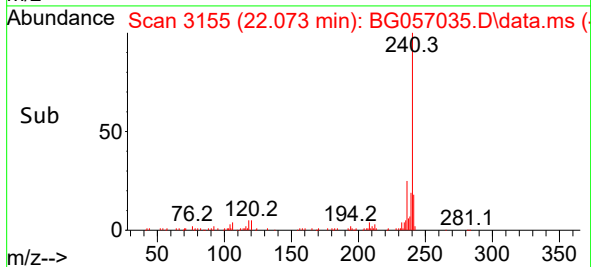
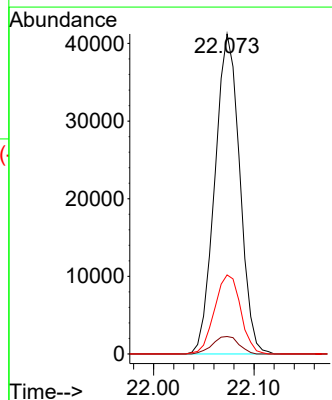
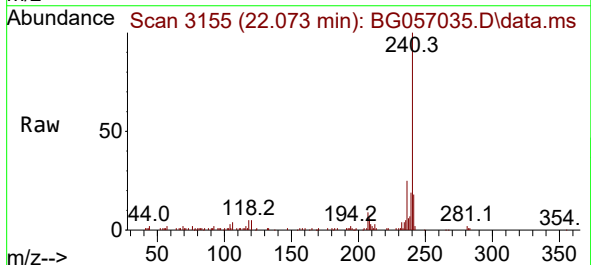
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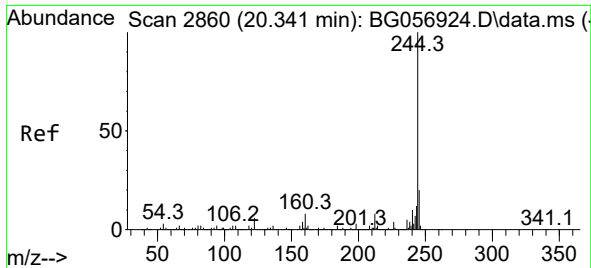
Tgt Ion:188 Resp: 84654
Ion Ratio Lower Upper
188 100
94 6.3 4.6 6.8
80 7.0 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.073 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG057035.D
Acq: 7 Apr 2023 20:49

Tgt Ion:240 Resp: 70803
Ion Ratio Lower Upper
240 100
120 5.4 3.8 5.6
236 24.7 21.0 31.6

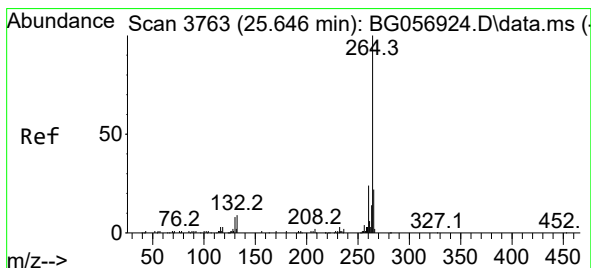
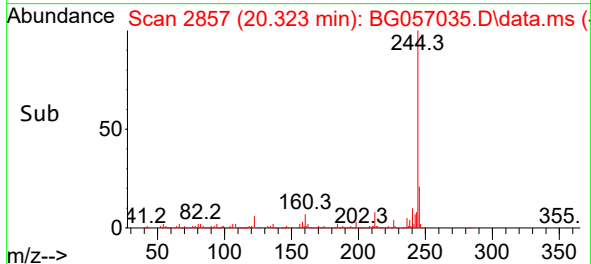
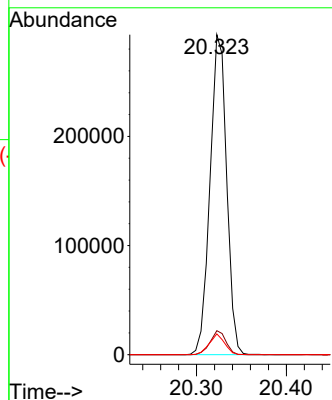
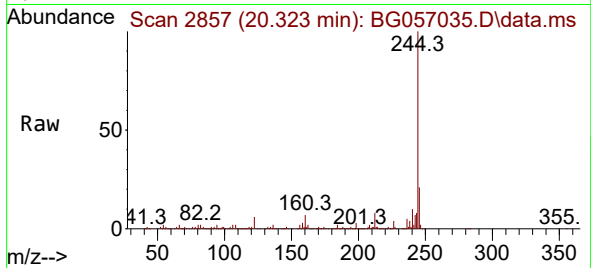




#79
 Terphenyl-d14
 Concen: 89.881 ng
 RT: 20.323 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057035.D
 Acq: 7 Apr 2023 20:49

Instrument :
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 ClientSampleId :
 OU3-FC-BACKFILL-15

Tgt Ion:244 Resp: 376077
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.615 min Scan# 3758
 Delta R.T. -0.016 min
 Lab File: BG057035.D
 Acq: 7 Apr 2023 20:49

Tgt Ion:264 Resp: 75262
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.0 28.4
 265 20.7 17.8 26.6

