

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057044.D
 Acq On : 10 Apr 2023 14:06
 Operator : CG/JU
 Sample : 02224-27
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-14

Quant Time: Apr 11 04:12:33 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	15673	20.000	ng	0.00
21) Naphthalene-d8	11.247	136	63457	20.000	ng	0.00
39) Acenaphthene-d10	15.018	164	44667	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	105806	20.000	ng	0.00
76) Chrysene-d12	22.073	240	93123	20.000	ng	-0.01
86) Perylene-d12	25.610	264	99466	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	98513	100.596	ng	0.00
7) Phenol-d6	7.540	99	140029	95.606	ng	0.00
23) Nitrobenzene-d5	9.584	82	93522	60.304	ng	0.00
42) 2,4,6-Tribromophenol	16.498	330	68986	96.677	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	219381	66.600	ng	0.00
79) Terphenyl-d14	20.323	244	379951	69.042	ng	0.00

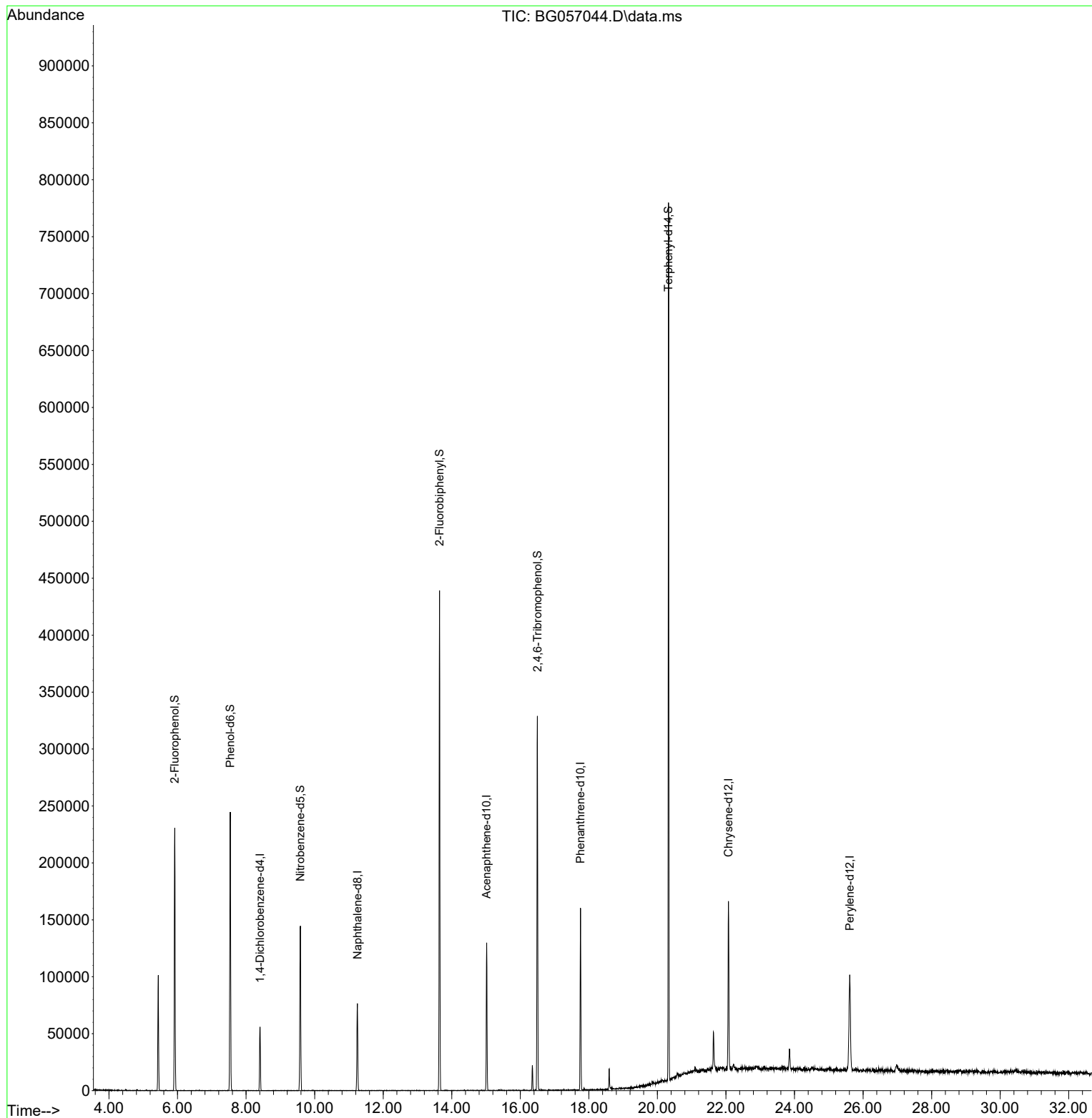
Target Compounds	Qvalue

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

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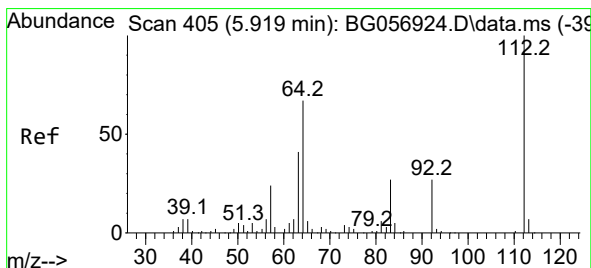
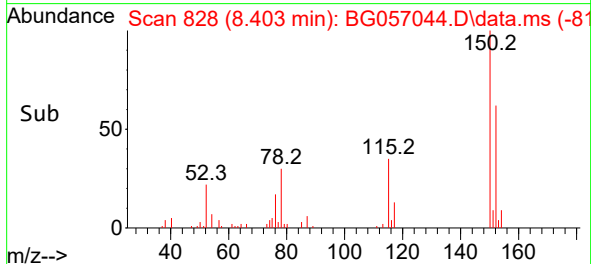
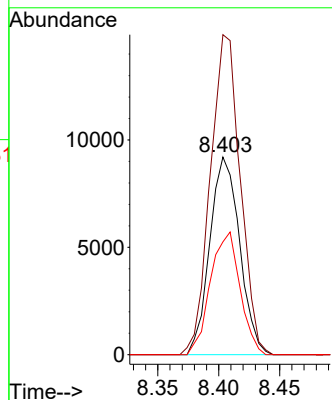
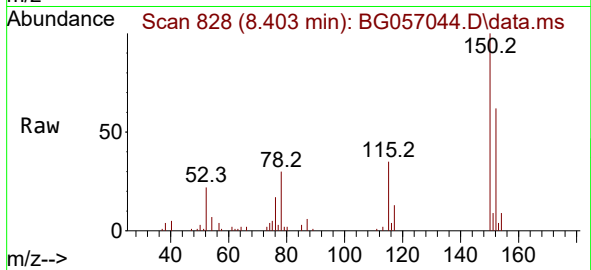




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

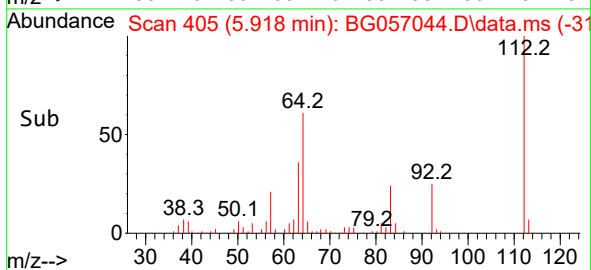
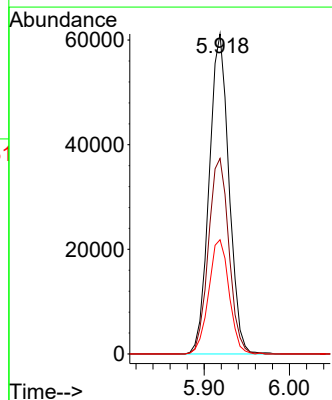
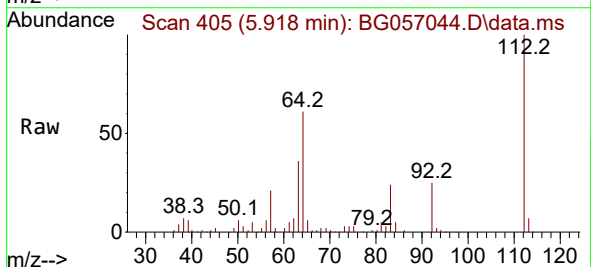
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-14

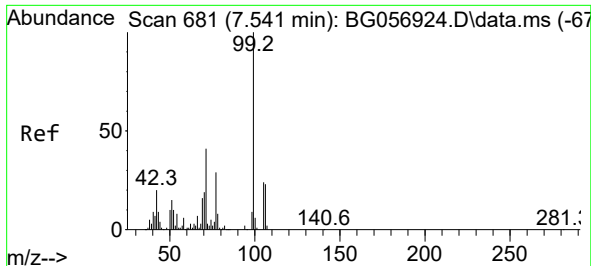
Tgt Ion:152 Resp: 15673
Ion Ratio Lower Upper
152 100
150 162.0 124.1 186.1
115 57.1 49.1 73.7



#5
2-Fluorophenol
Concen: 100.596 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

Tgt Ion:112 Resp: 98513
Ion Ratio Lower Upper
112 100
64 61.1 53.2 79.8
63 35.7 32.6 48.8

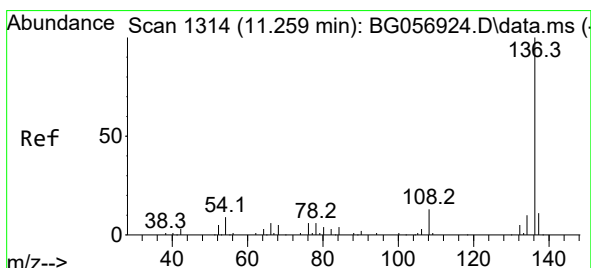
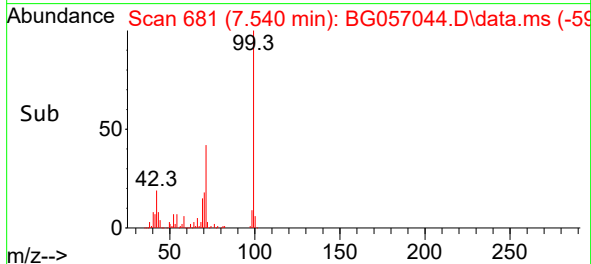
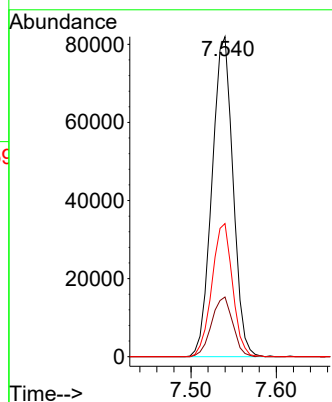
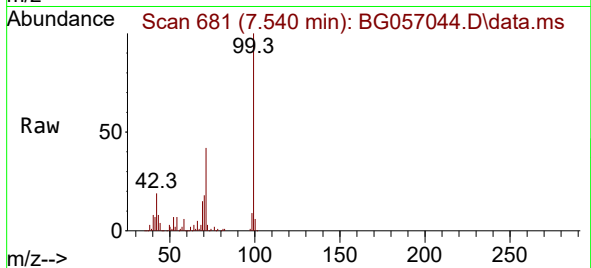




#7
Phenol-d6
Concen: 95.606 ng
RT: 7.540 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

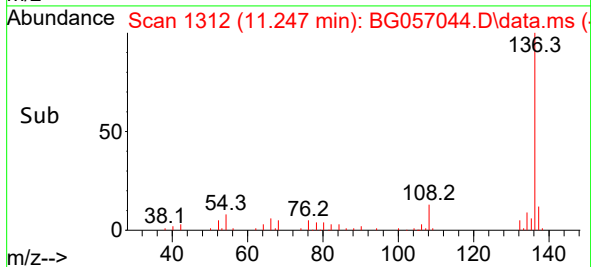
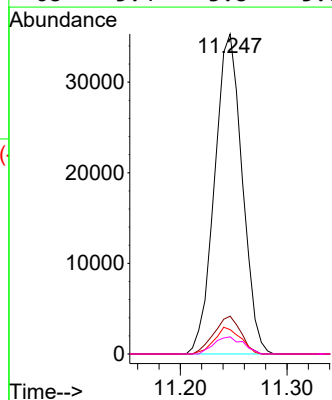
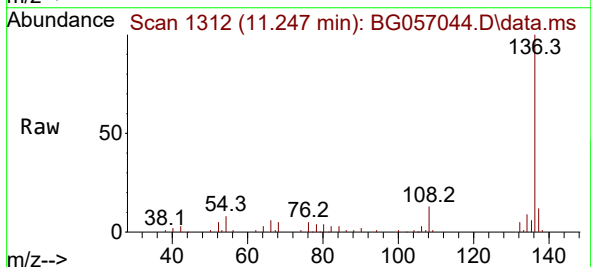
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-14

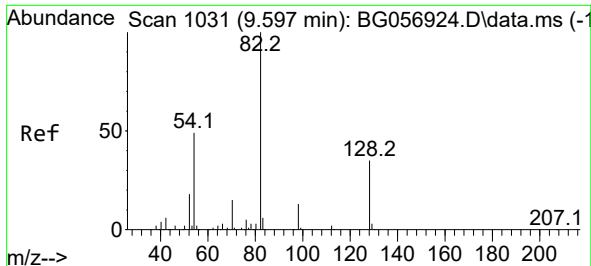
Tgt Ion: 99 Resp: 140029
Ion Ratio Lower Upper
99 100
42 18.6 15.7 23.5
71 41.6 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.247 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG057044.D
Acq: 10 Apr 2023 14:06

Tgt Ion: 136 Resp: 63457
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 7.6 6.9 10.3
68 5.4 3.8 5.6





#23

Nitrobenzene-d5

Concen: 60.304 ng

RT: 9.584 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG057044.D

Acq: 10 Apr 2023 14:06

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-14

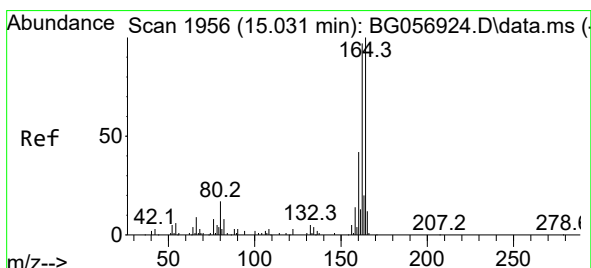
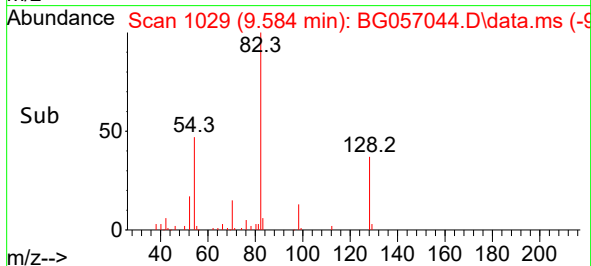
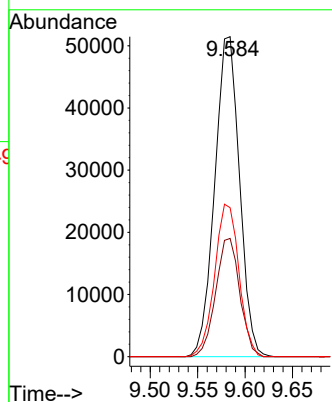
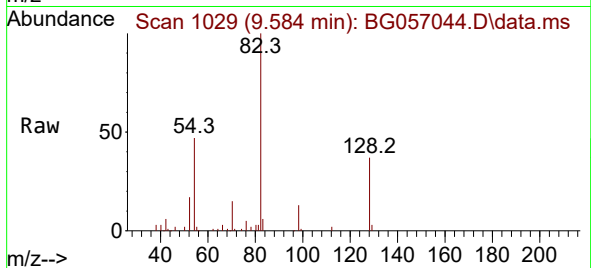
Tgt Ion: 82 Resp: 93522

Ion Ratio Lower Upper

82 100

128 36.9 27.9 41.9

54 46.6 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: BG057044.D

Acq: 10 Apr 2023 14:06

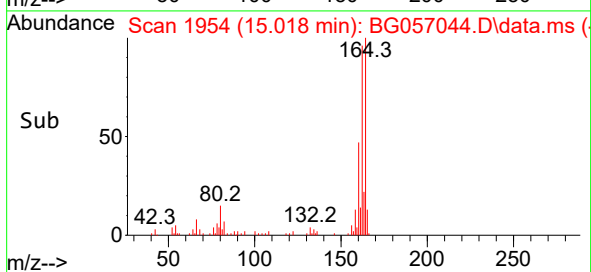
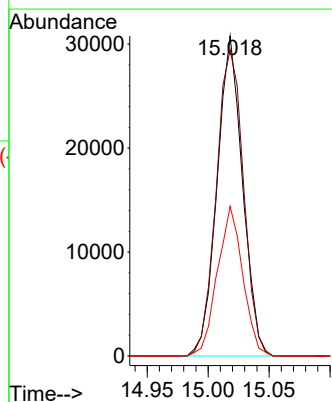
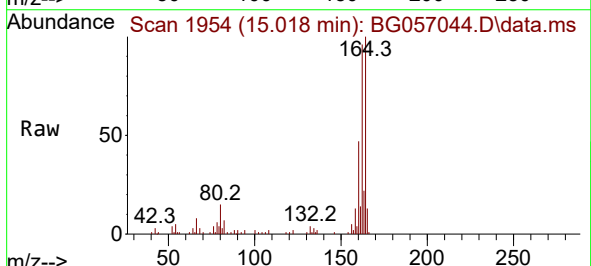
Tgt Ion: 164 Resp: 44667

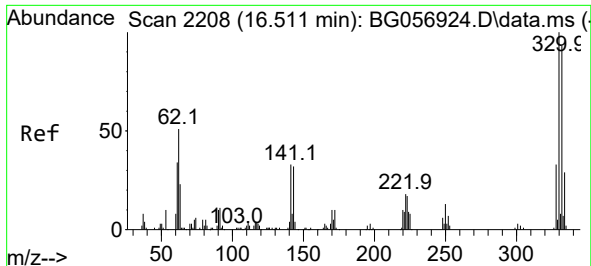
Ion Ratio Lower Upper

164 100

162 95.7 77.8 116.8

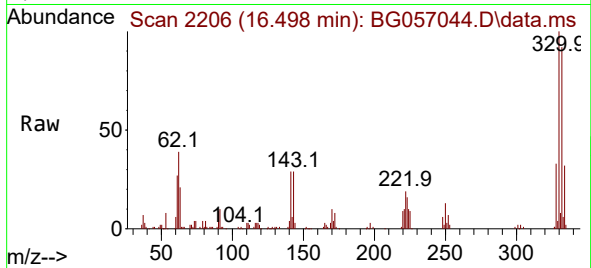
160 46.7 33.5 50.3



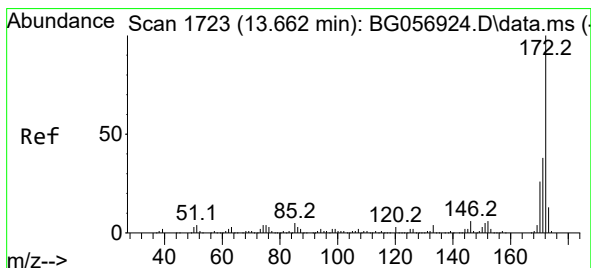
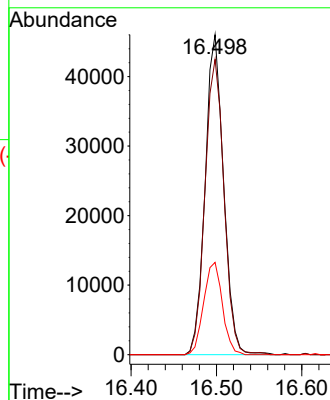
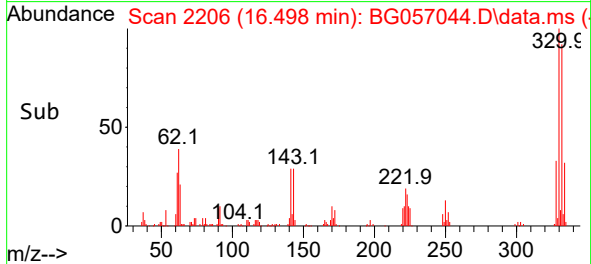


#42
 2,4,6-Tribromophenol
 Concen: 96.677 ng
 RT: 16.498 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057044.D
 Acq: 10 Apr 2023 14:06

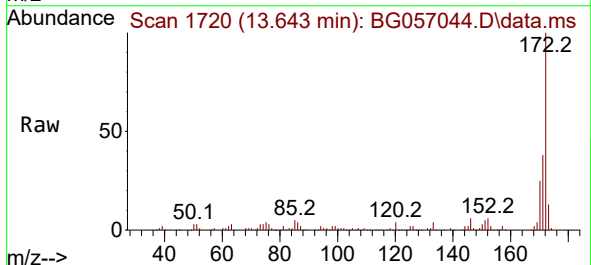
Instrument :
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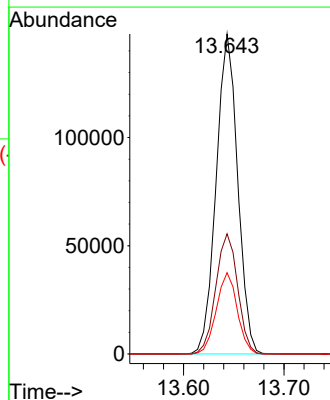
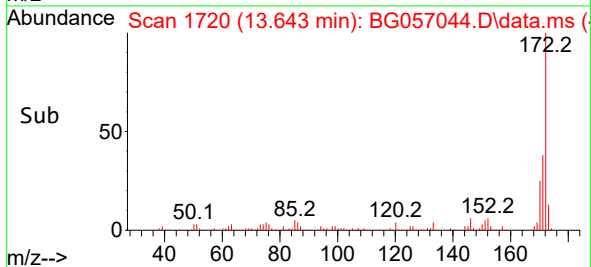
Tgt Ion:330 Resp: 68986
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.1 114.1
 141 29.2 25.8 38.6

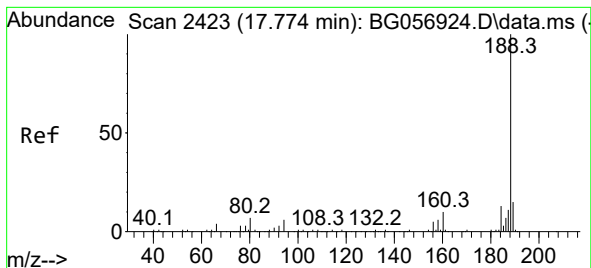


#45
 2-Fluorobiphenyl
 Concen: 66.600 ng
 RT: 13.643 min Scan# 1720
 Delta R.T. -0.004 min
 Lab File: BG057044.D
 Acq: 10 Apr 2023 14:06



Tgt Ion:172 Resp: 219381
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.6 46.0
 170 25.4 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.755 min Scan# 2420

Delta R.T. -0.004 min

Lab File: BG057044.D

Acq: 10 Apr 2023 14:06

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-14

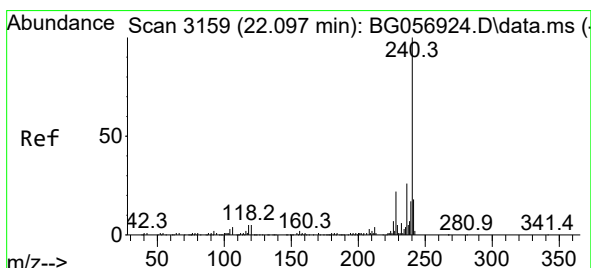
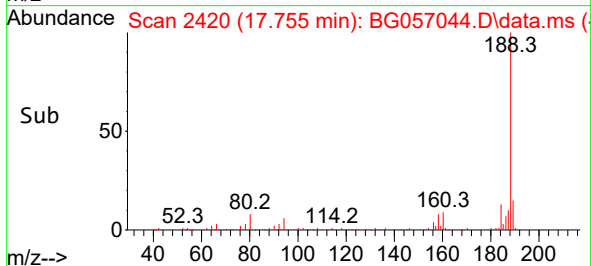
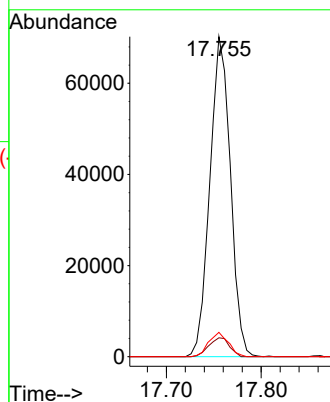
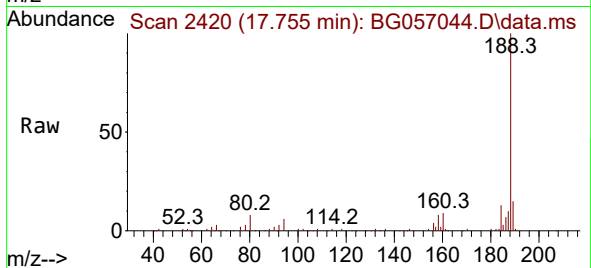
Tgt Ion:188 Resp: 105806

Ion Ratio Lower Upper

188 100

94 5.9 4.6 6.8

80 7.6 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: BG057044.D

Acq: 10 Apr 2023 14:06

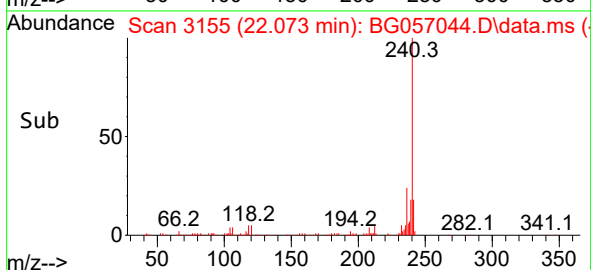
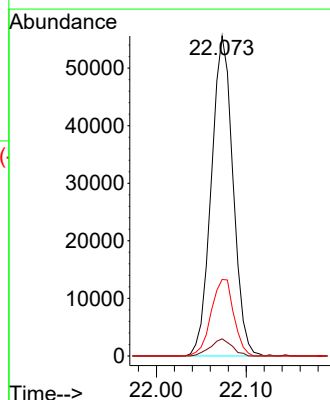
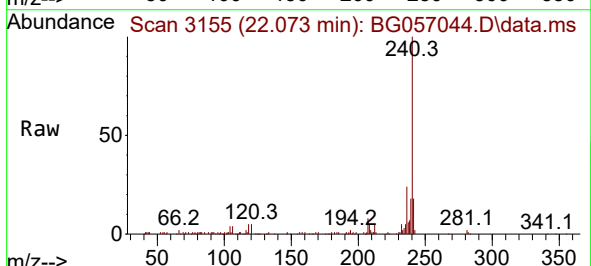
Tgt Ion:240 Resp: 93123

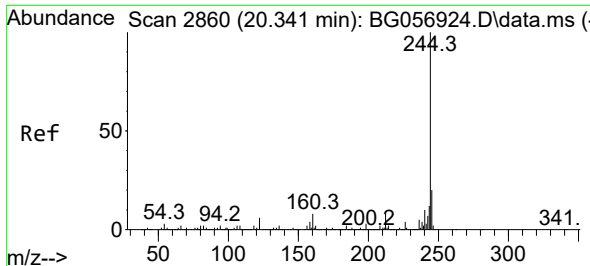
Ion Ratio Lower Upper

240 100

120 5.4 3.8 5.6

236 23.9 21.0 31.6

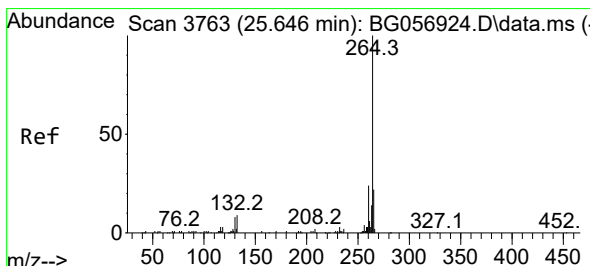
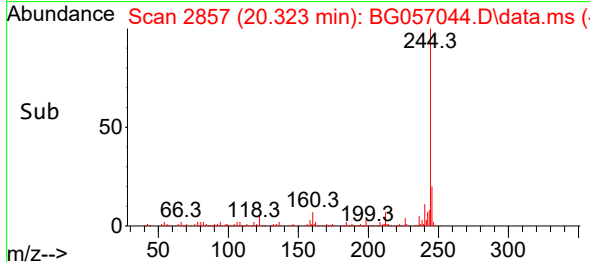
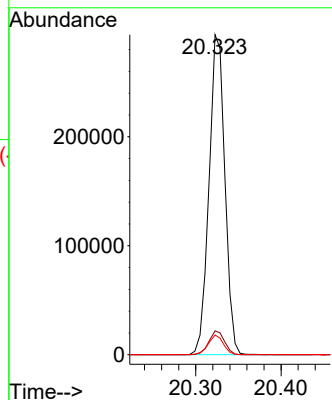
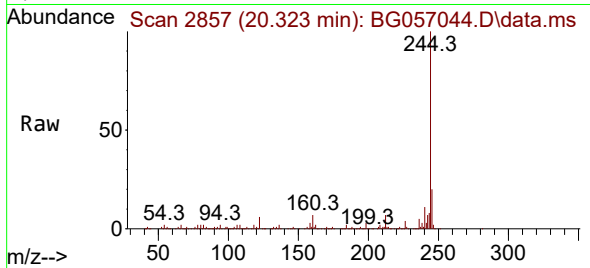




#79
 Terphenyl-d14
 Concen: 69.042 ng
 RT: 20.323 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057044.D
 Acq: 10 Apr 2023 14:06

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-14

Tgt Ion:244 Resp: 379951
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.610 min Scan# 3757
 Delta R.T. -0.022 min
 Lab File: BG057044.D
 Acq: 10 Apr 2023 14:06

Tgt Ion:264 Resp: 99466
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 21.5 17.8 26.6

