

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057034.D
 Acq On : 7 Apr 2023 20:07
 Operator : CG/JU
 Sample : 02224-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-11

Quant Time: Apr 08 04:52:08 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	13119	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	53439	20.000	ng	0.00
39) Acenaphthene-d10	15.017	164	38927	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	93318	20.000	ng	0.00
76) Chrysene-d12	22.072	240	78373	20.000	ng	-0.01
86) Perylene-d12	25.608	264	84422	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	61624	75.178	ng	0.00
7) Phenol-d6	7.533	99	100310	81.821	ng	0.00
23) Nitrobenzene-d5	9.583	82	69209	52.992	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	32416	52.127	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	166303	57.931	ng	0.00
79) Terphenyl-d14	20.321	244	297976	64.336	ng	0.00

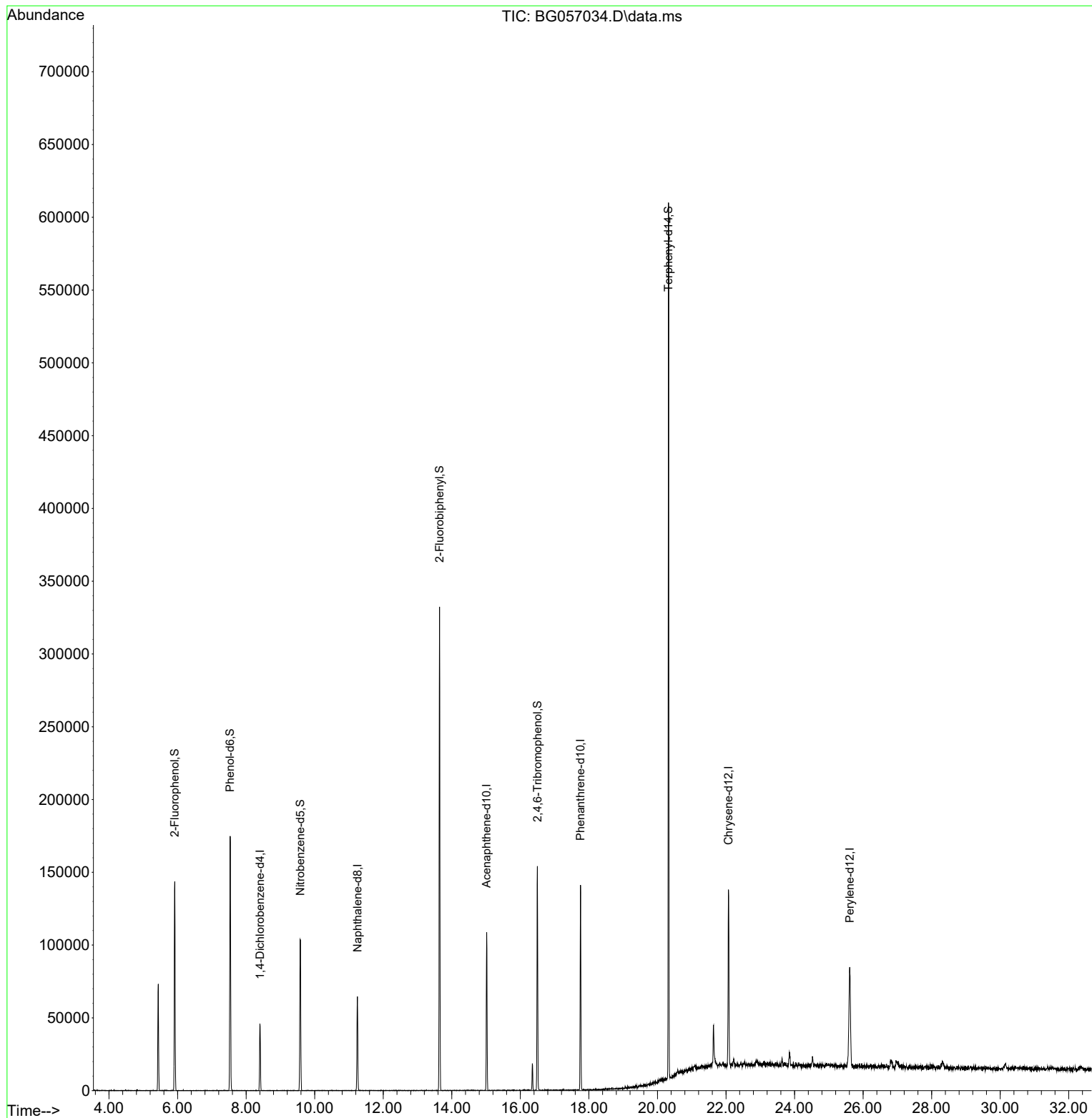
Target Compounds	Qvalue

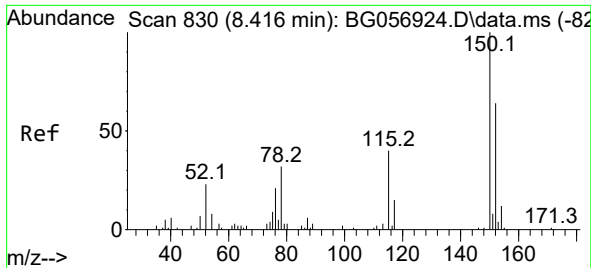
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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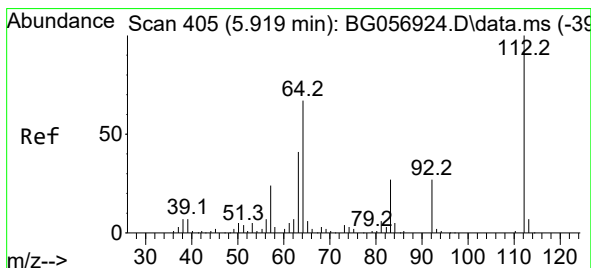
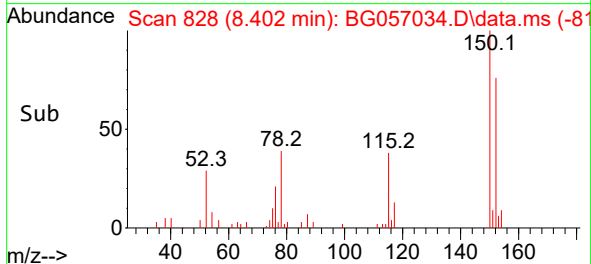
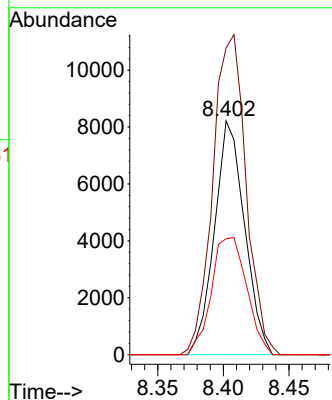
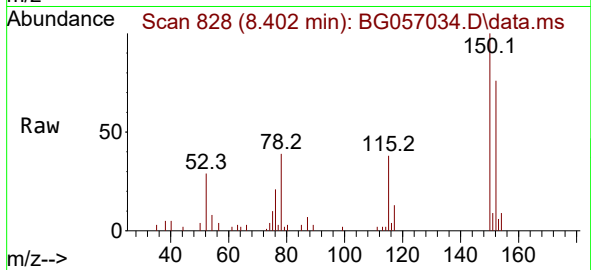




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057034.D
Acq: 7 Apr 2023 20:07

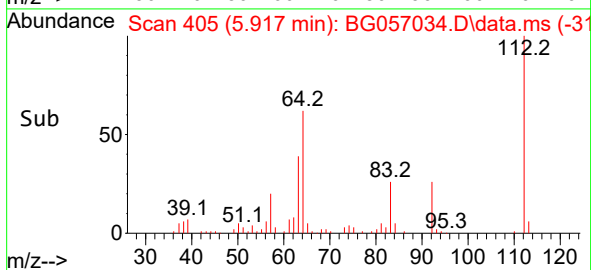
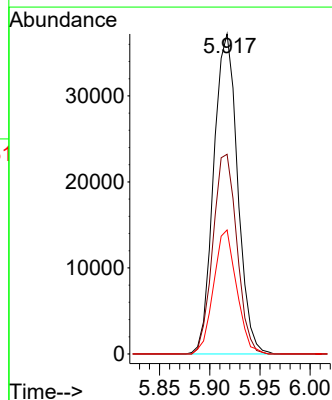
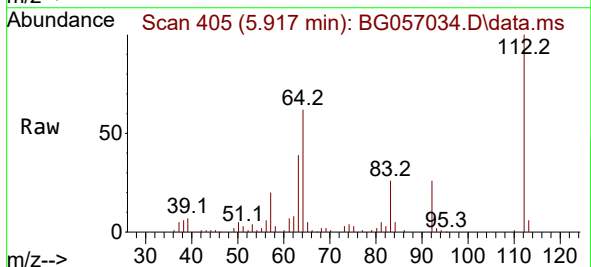
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-11

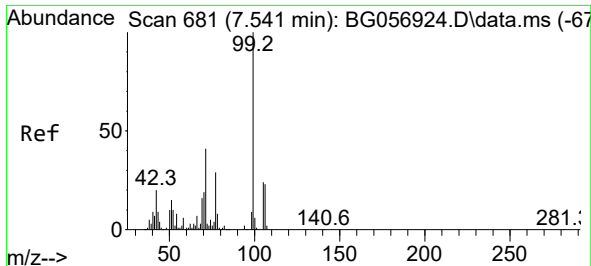
Tgt Ion:152 Resp: 13119
Ion Ratio Lower Upper
152 100
150 131.3 124.1 186.1
115 49.7 49.1 73.7



#5
2-Fluorophenol
Concen: 75.178 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG057034.D
Acq: 7 Apr 2023 20:07

Tgt Ion:112 Resp: 61624
Ion Ratio Lower Upper
112 100
64 62.4 53.2 79.8
63 38.7 32.6 48.8

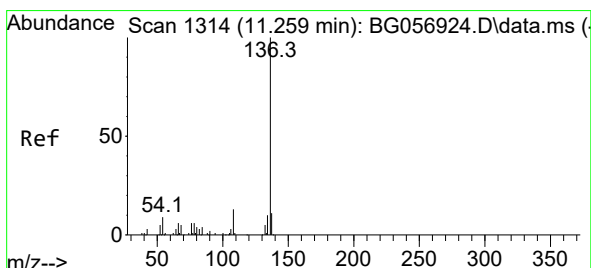
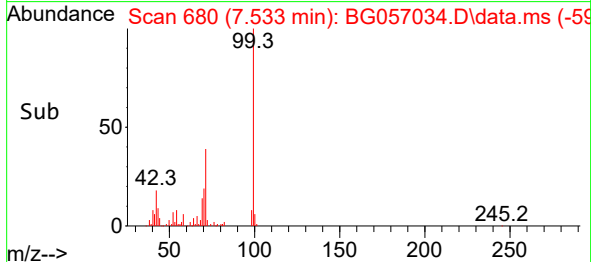
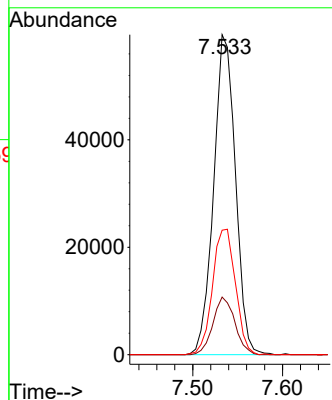
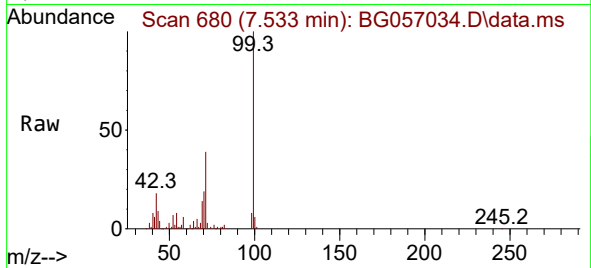




#7
Phenol-d6
Concen: 81.821 ng
RT: 7.533 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057034.D
Acq: 7 Apr 2023 20:07

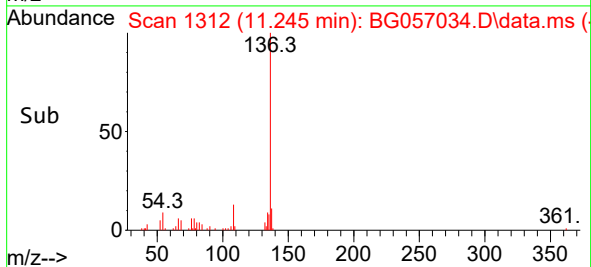
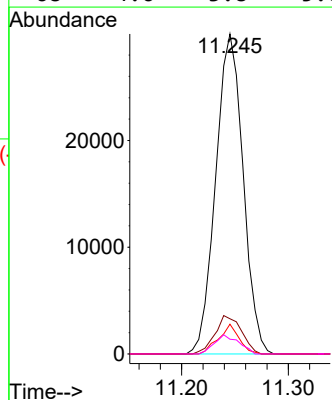
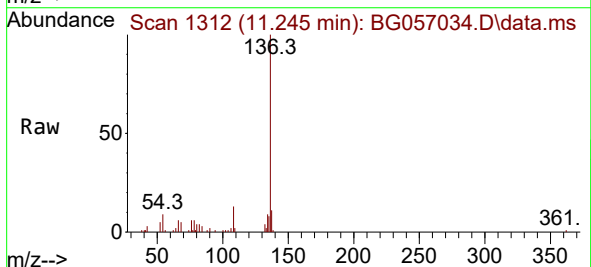
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-11

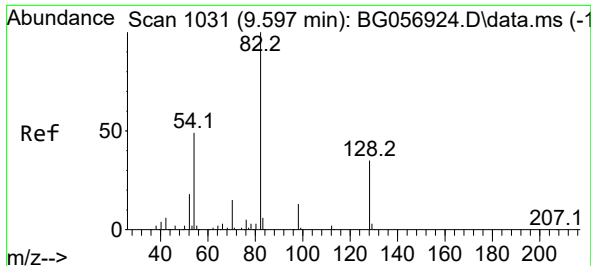
Tgt Ion: 99 Resp: 100310
Ion Ratio Lower Upper
99 100
42 18.0 15.7 23.5
71 38.9 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG057034.D
Acq: 7 Apr 2023 20:07

Tgt Ion:136 Resp: 53439
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 6.9 10.3
68 4.6 3.8 5.6





#23

Nitrobenzene-d5

Concen: 52.992 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BG057034.D

Acq: 7 Apr 2023 20:07

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-11

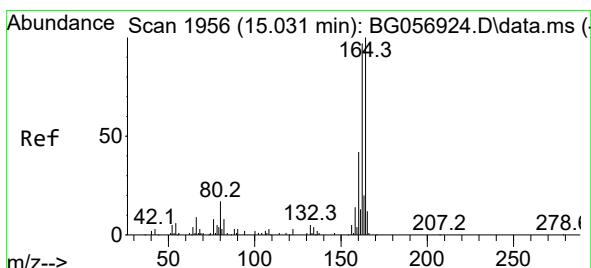
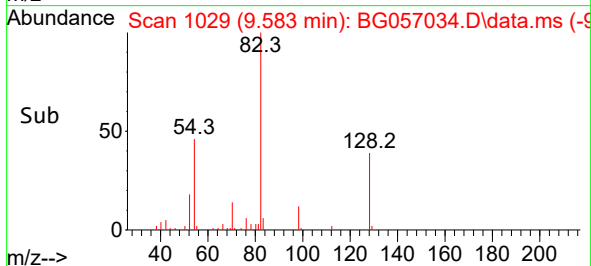
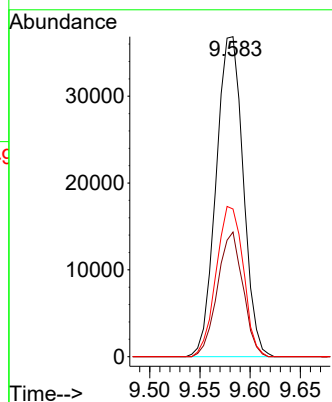
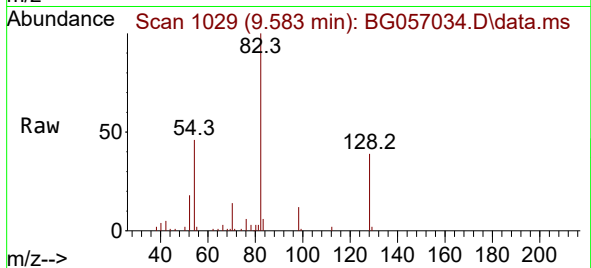
Tgt Ion: 82 Resp: 69209

Ion Ratio Lower Upper

82 100

128 39.0 27.9 41.9

54 46.2 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BG057034.D

Acq: 7 Apr 2023 20:07

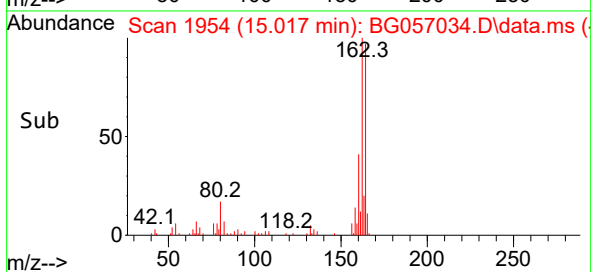
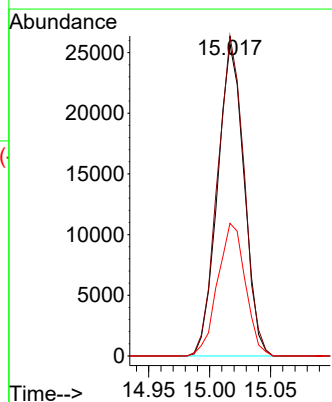
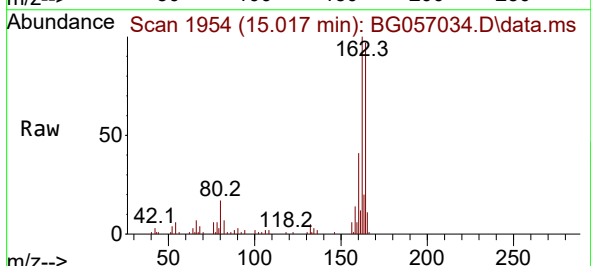
Tgt Ion:164 Resp: 38927

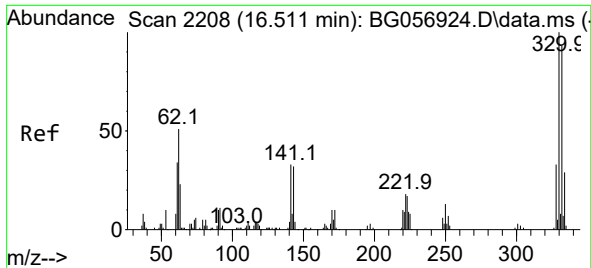
Ion Ratio Lower Upper

164 100

162 102.7 77.8 116.8

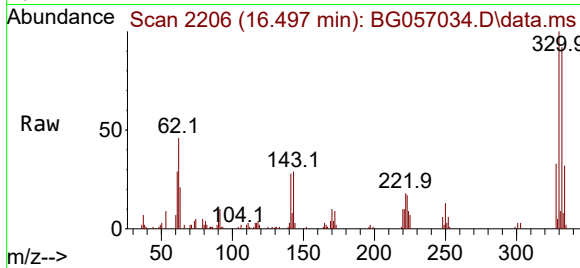
160 42.6 33.5 50.3



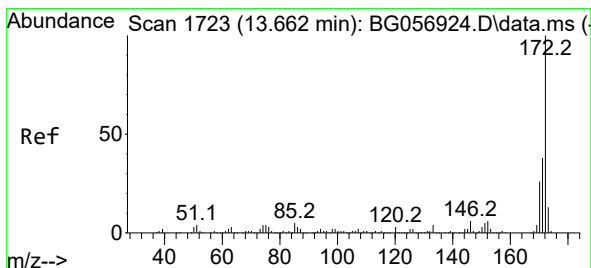
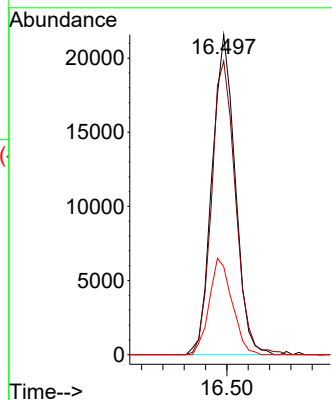
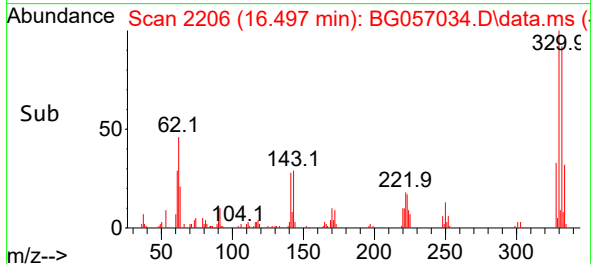


#42
2,4,6-Tribromophenol
Concen: 52.127 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057034.D
Acq: 7 Apr 2023 20:07

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-11

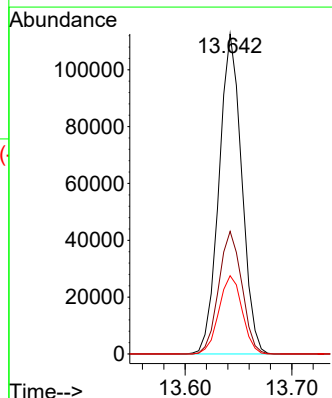
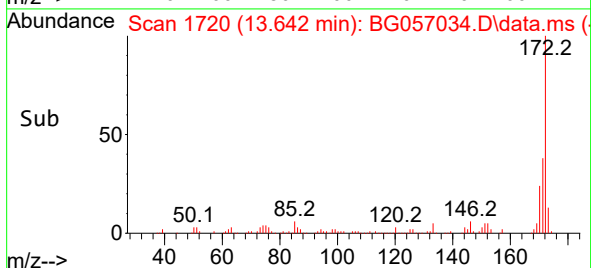
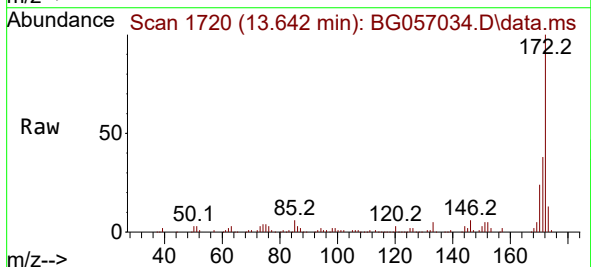


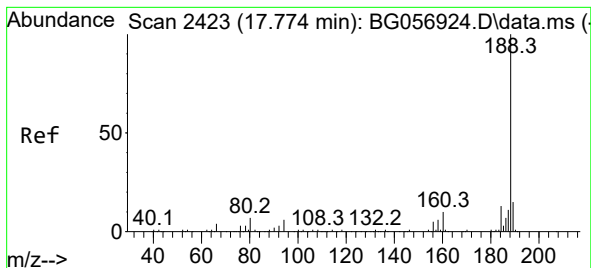
Tgt Ion:330 Resp: 32416
Ion Ratio Lower Upper
330 100
332 94.9 76.1 114.1
141 29.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 57.931 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG057034.D
Acq: 7 Apr 2023 20:07

Tgt Ion:172 Resp: 166303
Ion Ratio Lower Upper
172 100
171 38.3 30.6 46.0
170 24.4 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BG057034.D

Acq: 7 Apr 2023 20:07

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-11

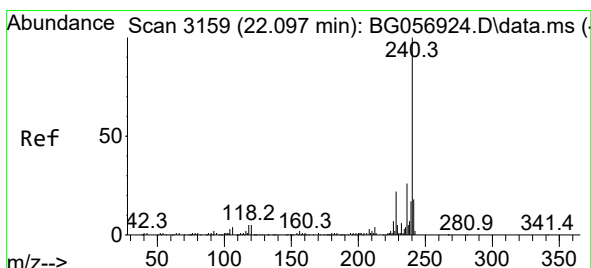
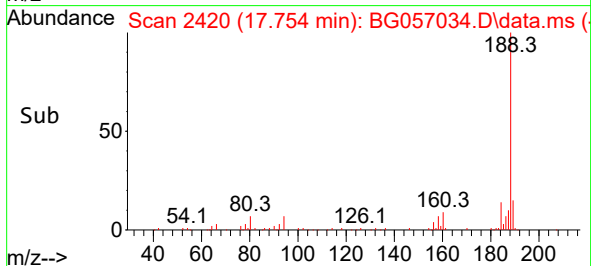
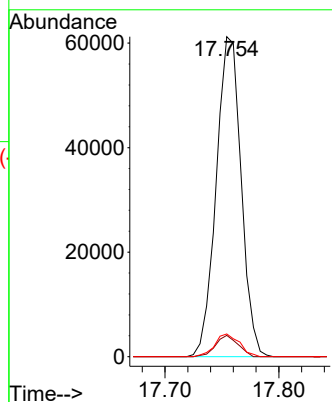
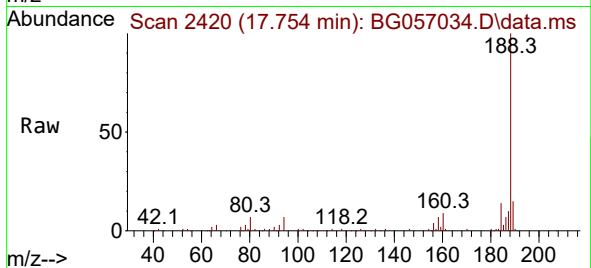
Tgt Ion:188 Resp: 93318

Ion Ratio Lower Upper

188 100

94 6.6 4.6 6.8

80 7.1 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: BG057034.D

Acq: 7 Apr 2023 20:07

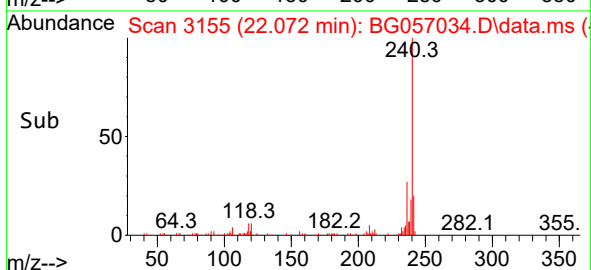
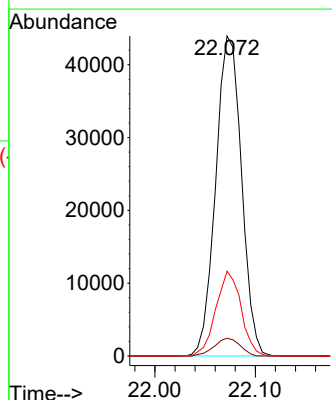
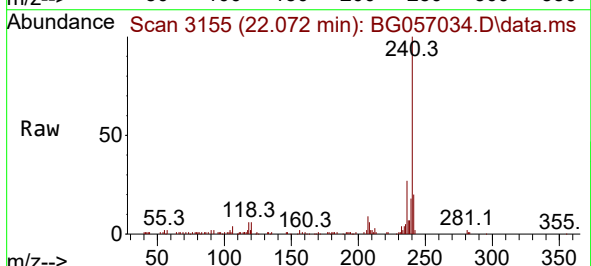
Tgt Ion:240 Resp: 78373

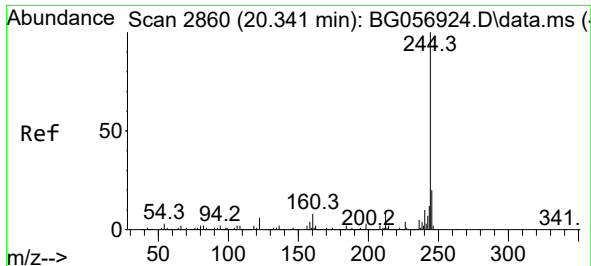
Ion Ratio Lower Upper

240 100

120 5.6 3.8 5.6

236 26.5 21.0 31.6

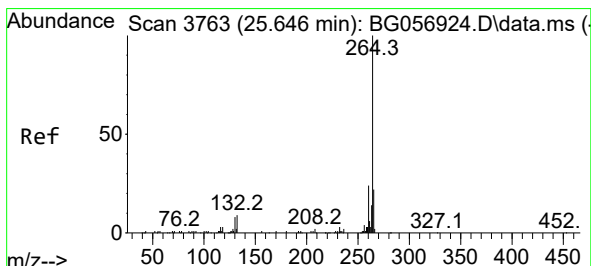
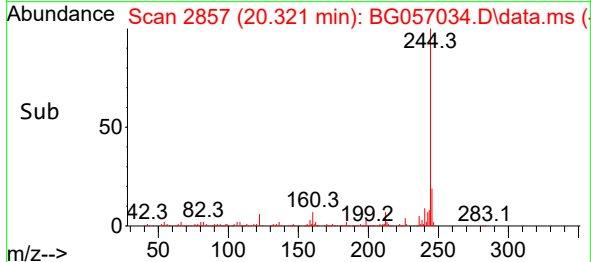
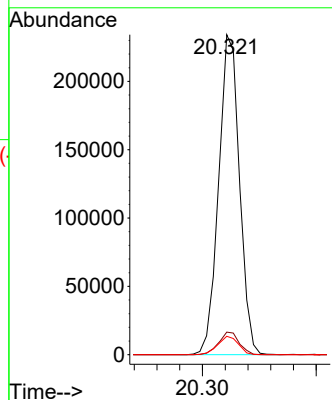
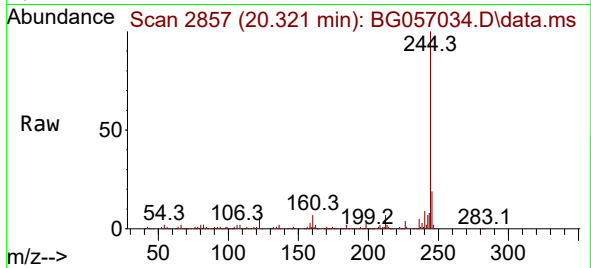




#79
 Terphenyl-d14
 Concen: 64.336 ng
 RT: 20.321 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057034.D
 Acq: 7 Apr 2023 20:07

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-11

Tgt Ion:244 Resp: 297976
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.8 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: BG057034.D
 Acq: 7 Apr 2023 20:07

Tgt Ion:264 Resp: 84422
 Ion Ratio Lower Upper
 264 100
 260 20.4 19.0 28.4
 265 21.4 17.8 26.6

