

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057042.D
 Acq On : 10 Apr 2023 12:42
 Operator : CG/JU
 Sample : 02224-23
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-12

Quant Time: Apr 11 04:12:09 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	15451	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	61150	20.000	ng	0.00
39) Acenaphthene-d10	15.017	164	44424	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	105304	20.000	ng	0.00
76) Chrysene-d12	22.072	240	91023	20.000	ng	-0.01
86) Perylene-d12	25.614	264	99873	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	100752	104.361	ng	0.00
7) Phenol-d6	7.539	99	144051	99.765	ng	0.00
23) Nitrobenzene-d5	9.577	82	94549	63.266	ng	-0.01
42) 2,4,6-Tribromophenol	16.497	330	72025	101.488	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	225878	68.948	ng	0.00
79) Terphenyl-d14	20.327	244	403699	75.050	ng	0.00

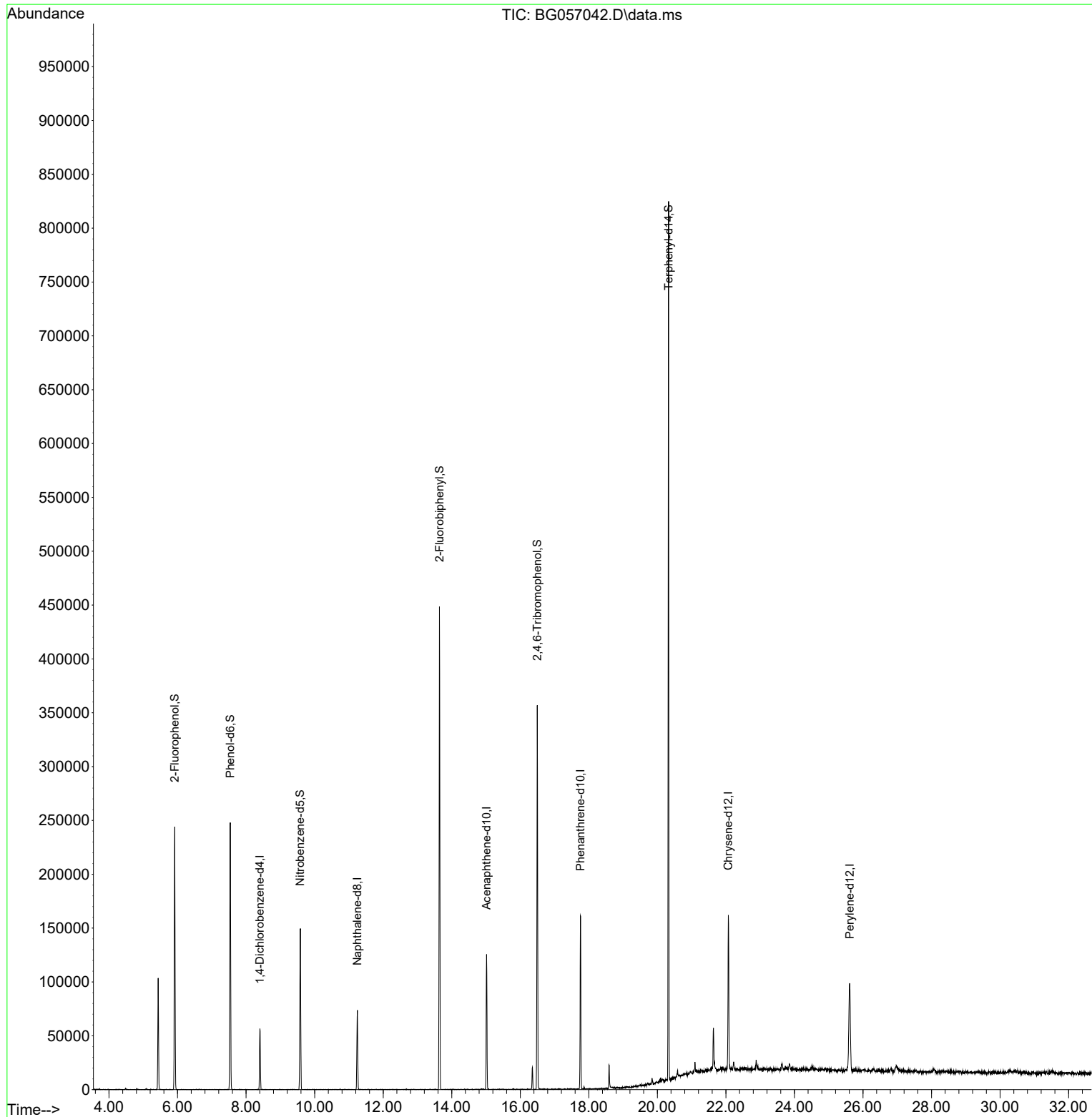
Target Compounds	Qvalue

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

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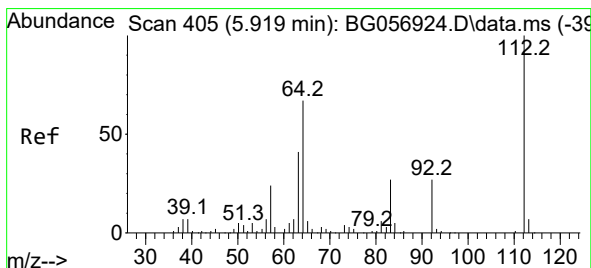
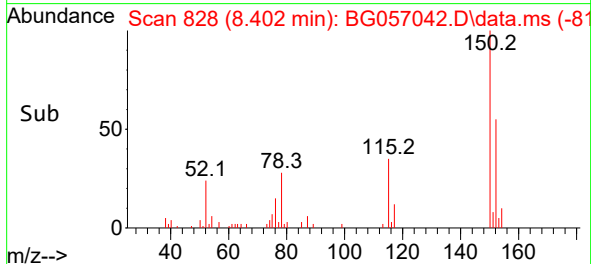
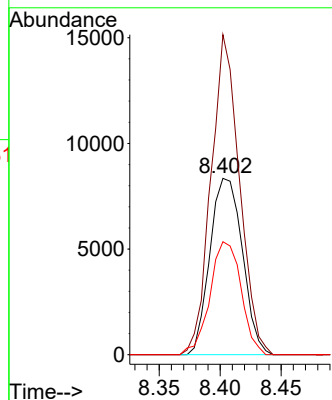
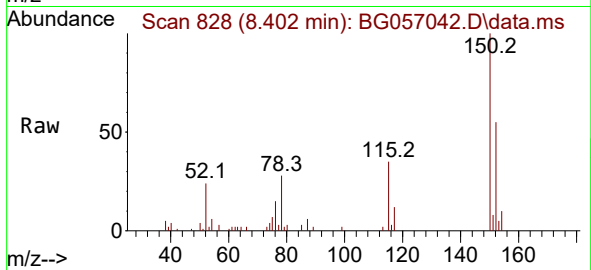




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

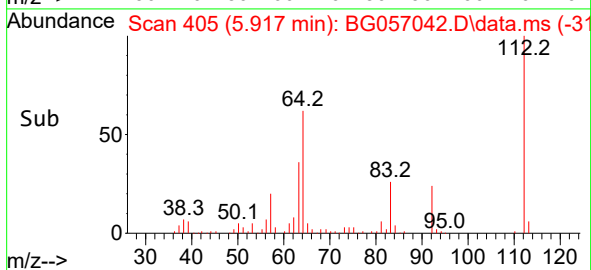
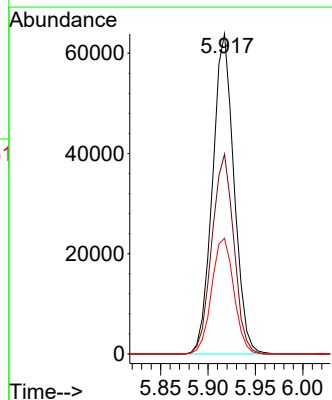
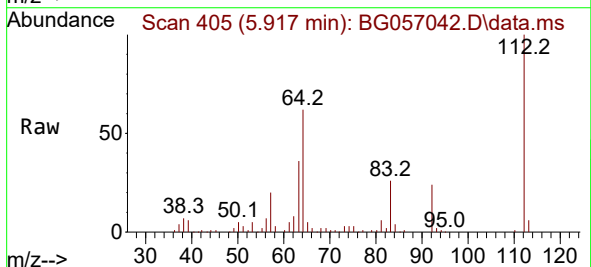
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-12

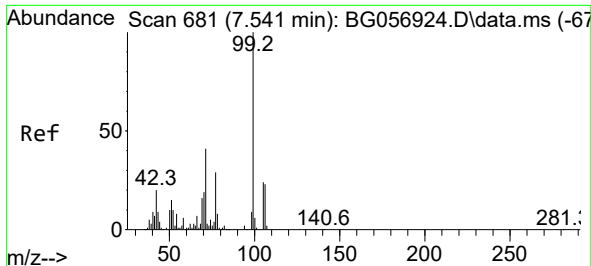
Tgt Ion:152 Resp: 15451
Ion Ratio Lower Upper
152 100
150 181.4 124.1 186.1
115 64.1 49.1 73.7



#5
2-Fluorophenol
Concen: 104.361 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Tgt Ion:112 Resp: 100752
Ion Ratio Lower Upper
112 100
64 62.4 53.2 79.8
63 36.1 32.6 48.8

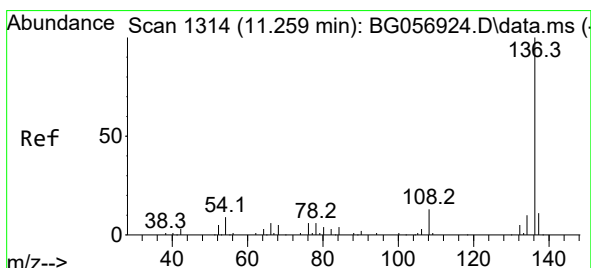
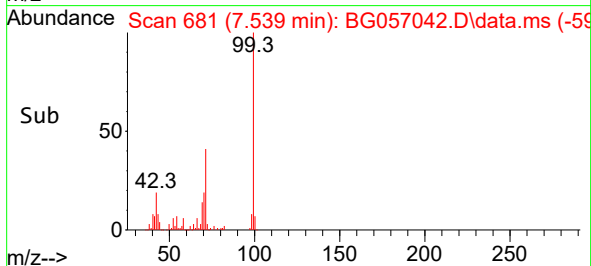
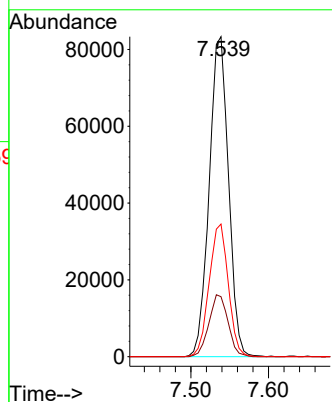
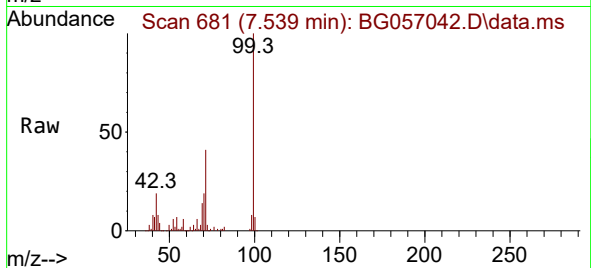




#7
Phenol-d6
Concen: 99.765 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

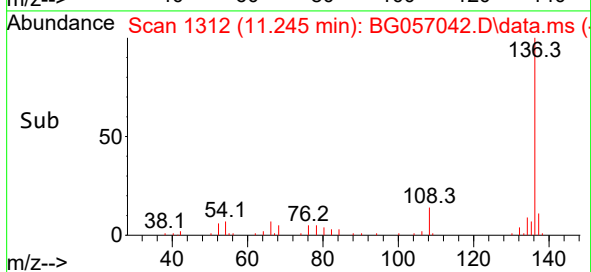
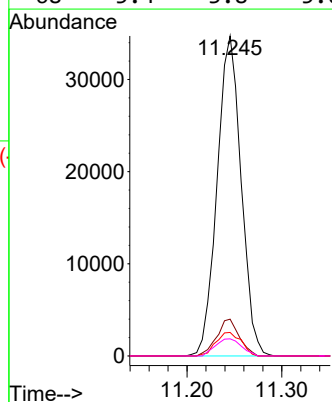
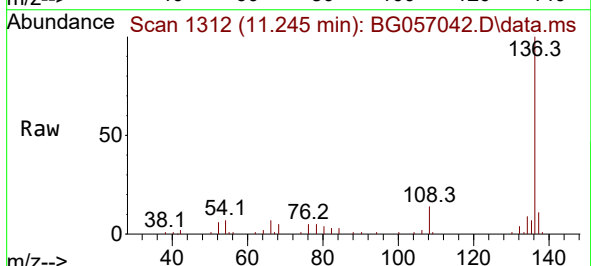
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-12

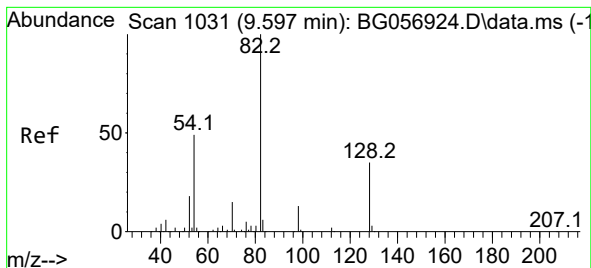
Tgt Ion: 99 Resp: 144051
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 41.4 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Tgt Ion:136 Resp: 61150
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 7.3 6.9 10.3
68 5.4 3.8 5.6





#23

Nitrobenzene-d5

Concen: 63.266 ng

RT: 9.577 min Scan# 1028

Delta R.T. -0.011 min

Lab File: BG057042.D

Acq: 10 Apr 2023 12:42

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-12

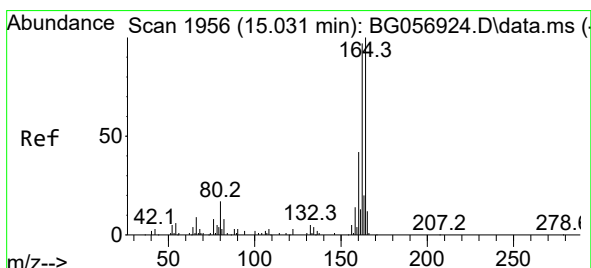
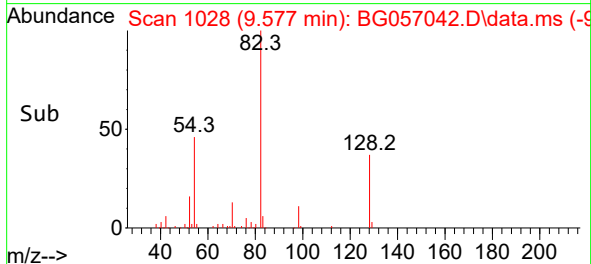
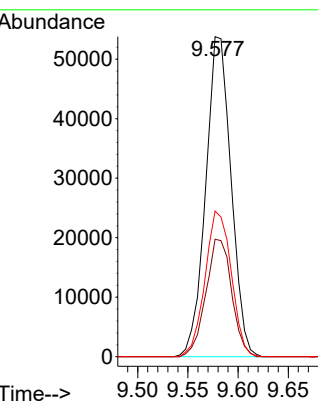
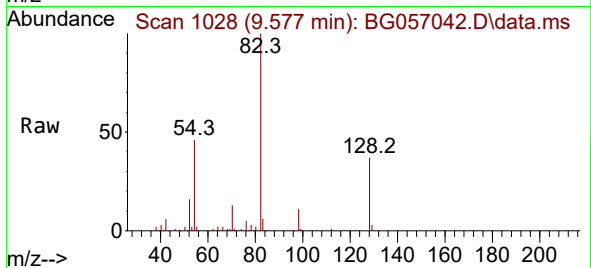
Tgt Ion: 82 Resp: 94549

Ion Ratio Lower Upper

82 100

128 36.7 27.9 41.9

54 45.5 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: BG057042.D

Acq: 10 Apr 2023 12:42

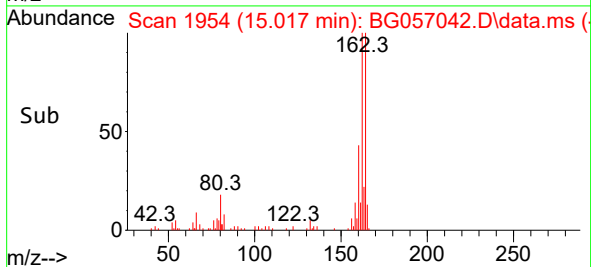
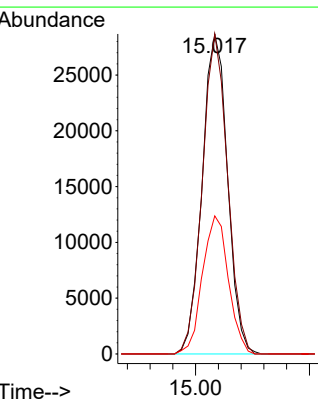
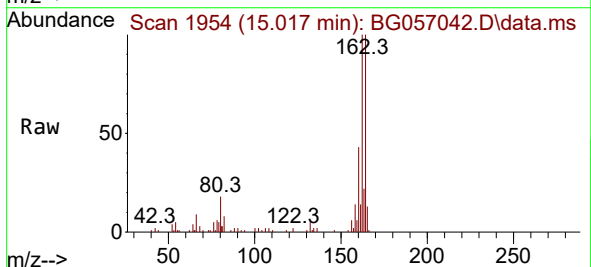
Tgt Ion:164 Resp: 44424

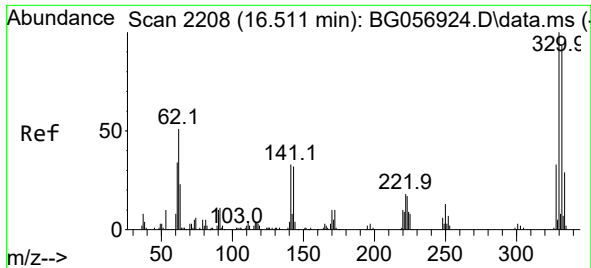
Ion Ratio Lower Upper

164 100

162 100.1 77.8 116.8

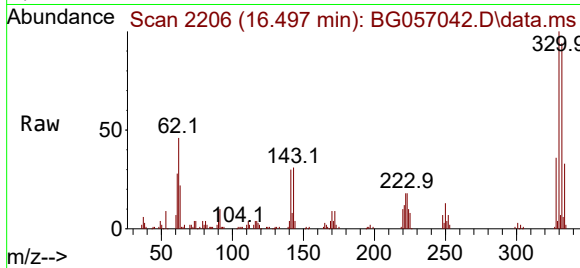
160 43.2 33.5 50.3



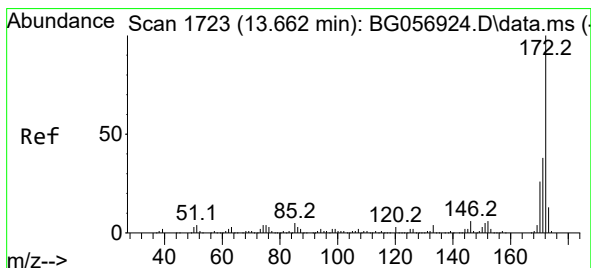
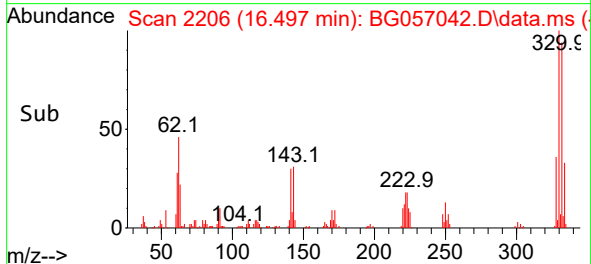
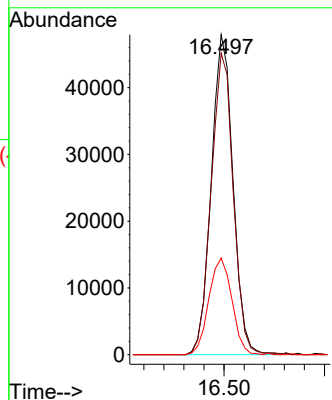


#42
2,4,6-Tribromophenol
Concen: 101.488 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Instrument :
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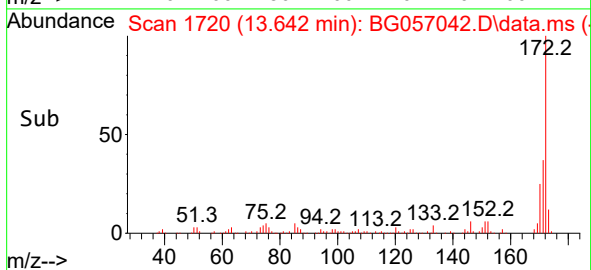
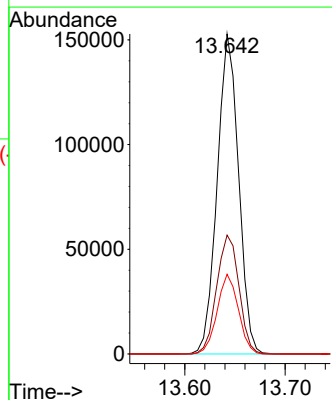
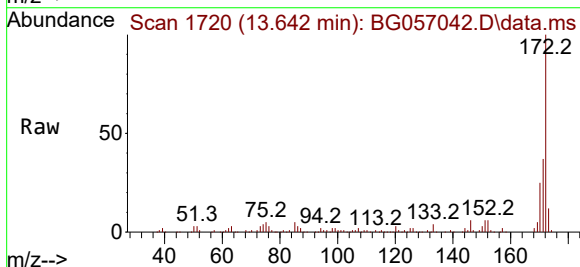


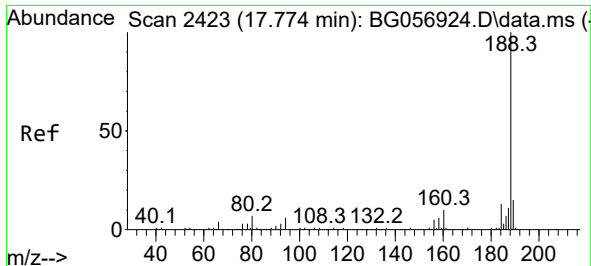
Tgt Ion:330 Resp: 72025
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 32.1 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 68.948 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Tgt Ion:172 Resp: 225878
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 24.9 20.6 30.8

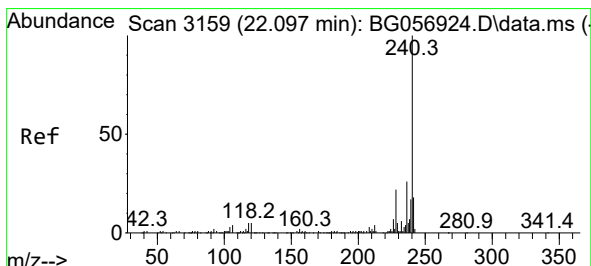
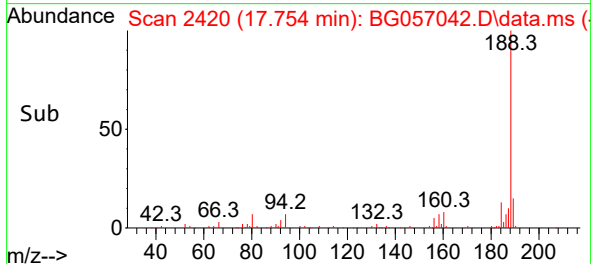
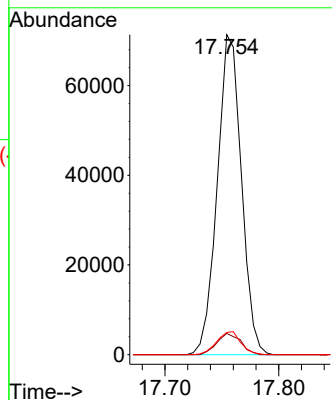
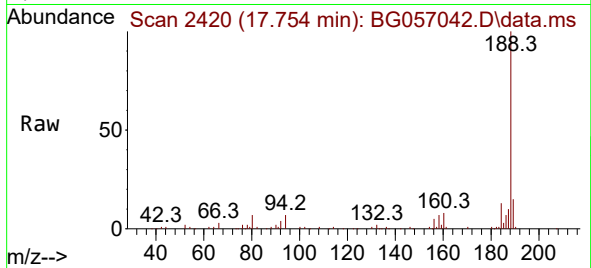




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

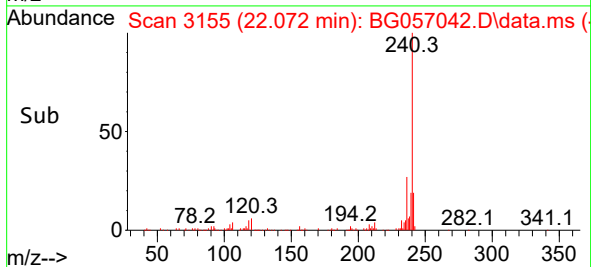
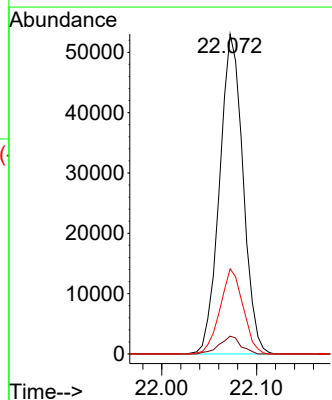
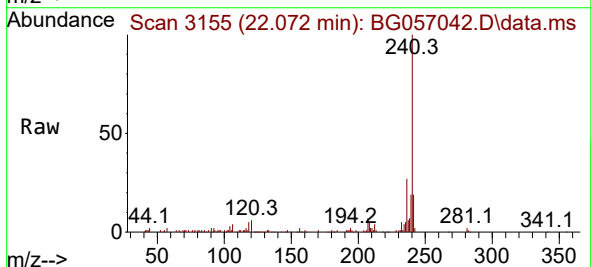
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ClientSampleId :
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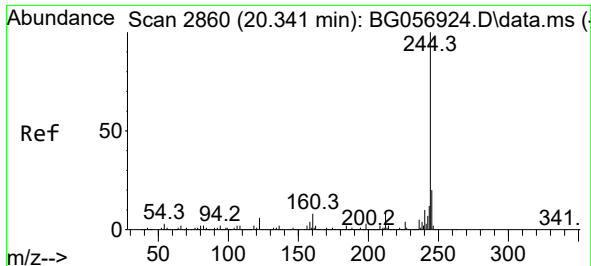
Tgt Ion:188 Resp: 105304
Ion Ratio Lower Upper
188 100
94 6.6 4.6 6.8
80 7.0 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.011 min
Lab File: BG057042.D
Acq: 10 Apr 2023 12:42

Tgt Ion:240 Resp: 91023
Ion Ratio Lower Upper
240 100
120 5.5 3.8 5.6
236 26.6 21.0 31.6

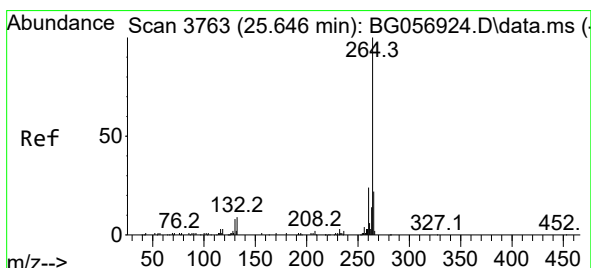
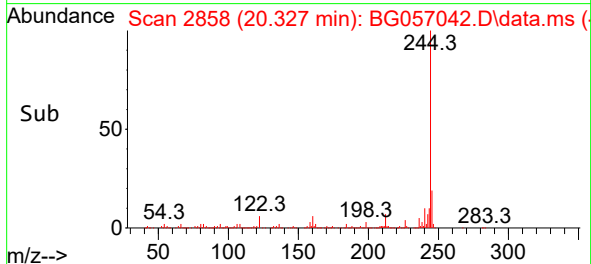
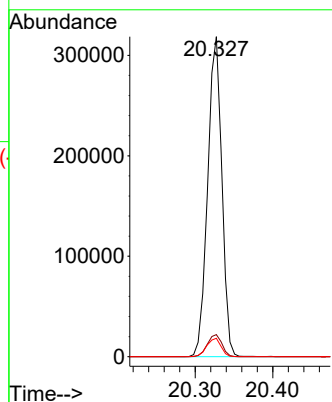
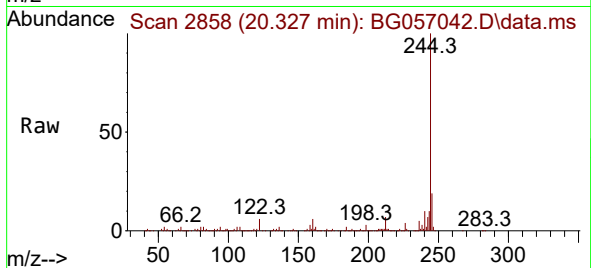




#79
 Terphenyl-d14
 Concen: 75.050 ng
 RT: 20.327 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057042.D
 Acq: 10 Apr 2023 12:42

Instrument :
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 ClientSampleId :
 OU3-FC-BACKFILL-12

Tgt Ion:244 Resp: 403699
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.614 min Scan# 3758
 Delta R.T. -0.017 min
 Lab File: BG057042.D
 Acq: 10 Apr 2023 12:42

Tgt Ion:264 Resp: 99873
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 22.3 17.8 26.6

