

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057031.D
 Acq On : 7 Apr 2023 18:03
 Operator : CG/JU
 Sample : 02224-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-06

Quant Time: Apr 08 04:51:32 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	8.408	152	11129	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	43908	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	34603	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	87395	20.000	ng	0.00
76) Chrysene-d12	22.071	240	78896	20.000	ng	#-0.01
86) Perylene-d12	25.614	264	84382	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	78602	113.037	ng	0.00
7) Phenol-d6	7.538	99	112068	107.757	ng	0.00
23) Nitrobenzene-d5	9.583	82	72949	67.981	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	60781	109.952	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	183028	71.724	ng	0.00
79) Terphenyl-d14	20.327	244	366206	78.544	ng	0.00

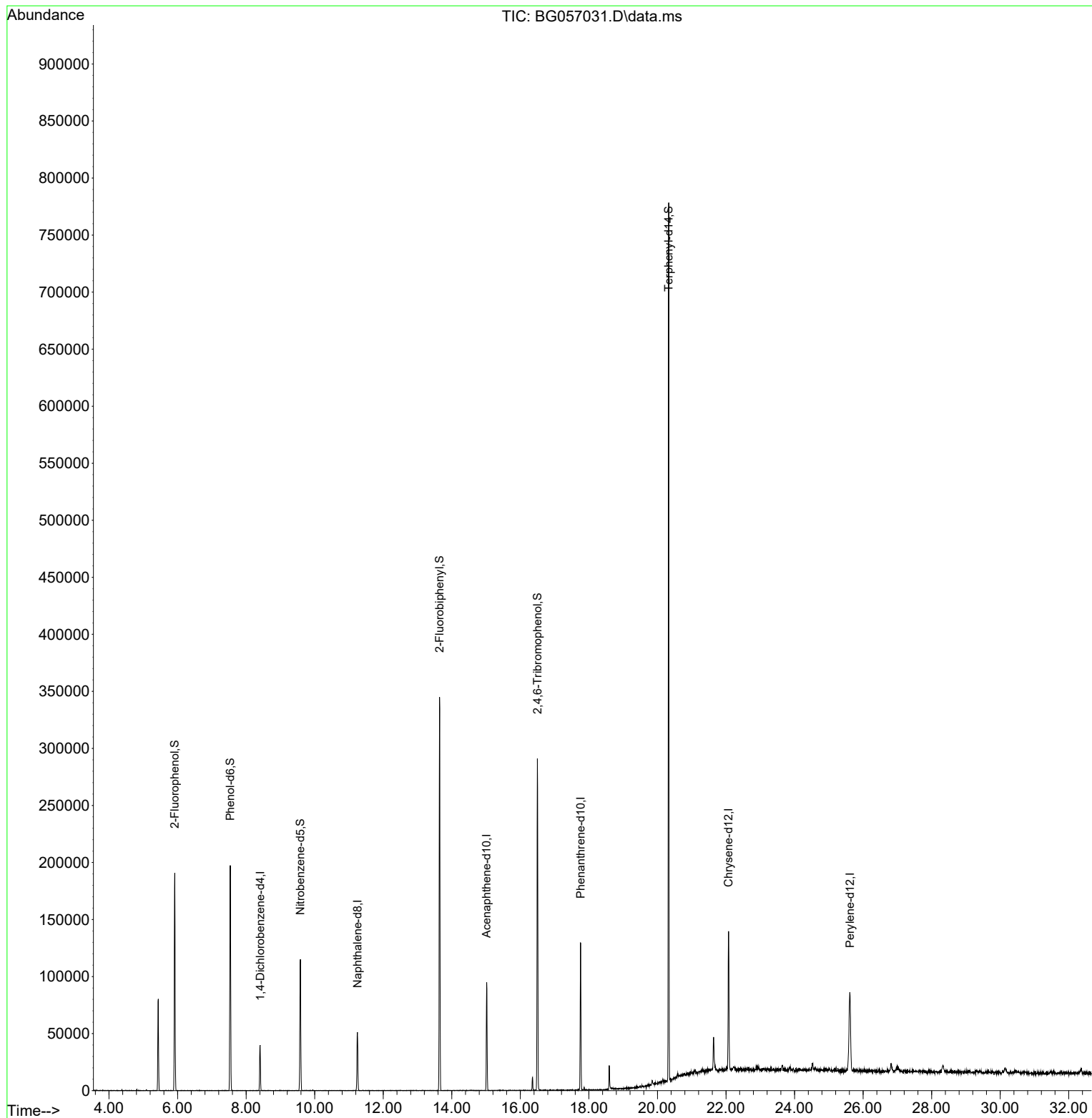
Target Compounds	Qvalue

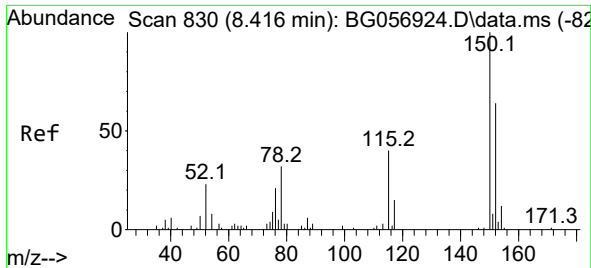
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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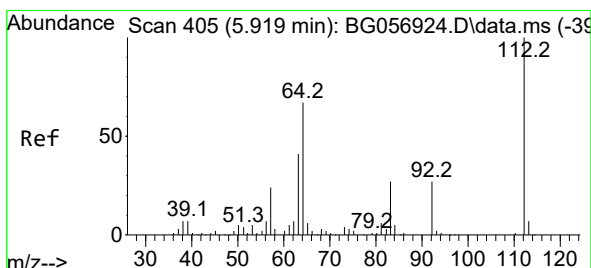
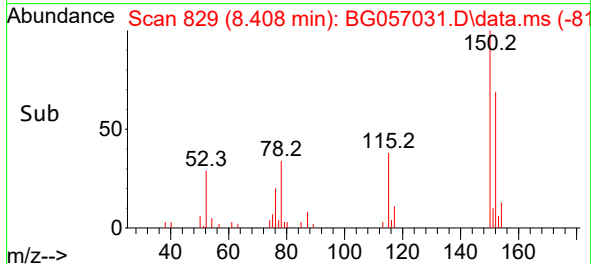
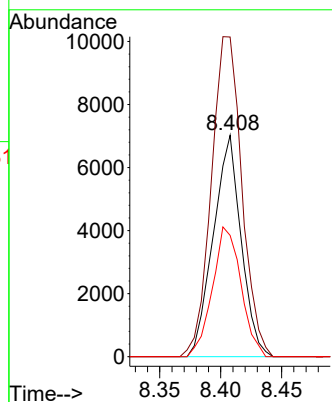
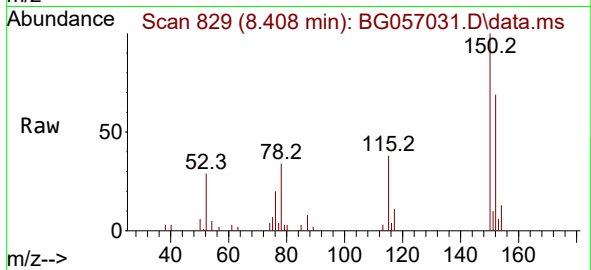




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

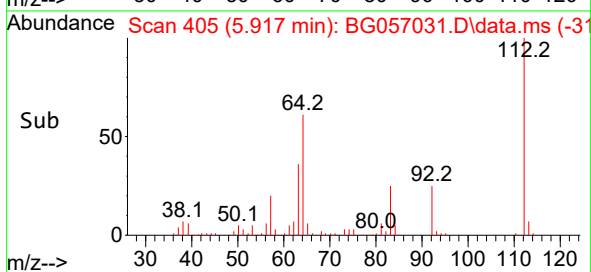
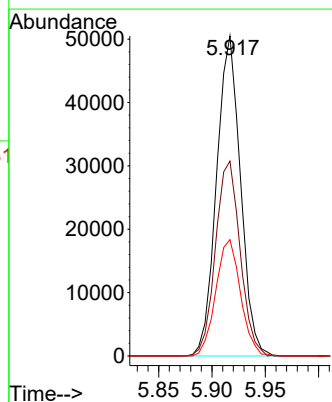
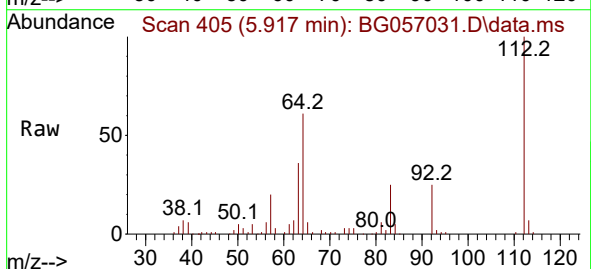
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-06

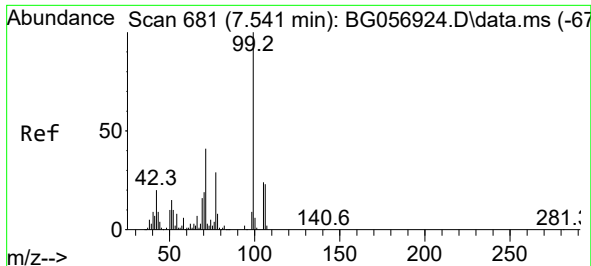
Tgt Ion:152 Resp: 11129
Ion Ratio Lower Upper
152 100
150 144.3 124.1 186.1
115 54.7 49.1 73.7



#5
2-Fluorophenol
Concen: 113.037 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Tgt Ion:112 Resp: 78602
Ion Ratio Lower Upper
112 100
64 60.9 53.2 79.8
63 36.4 32.6 48.8

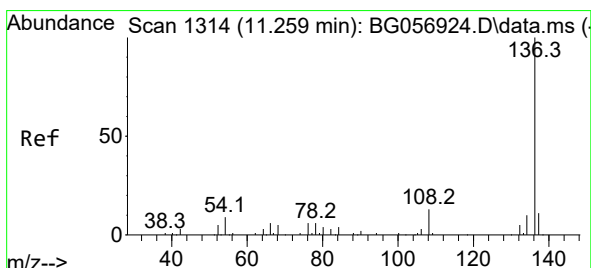
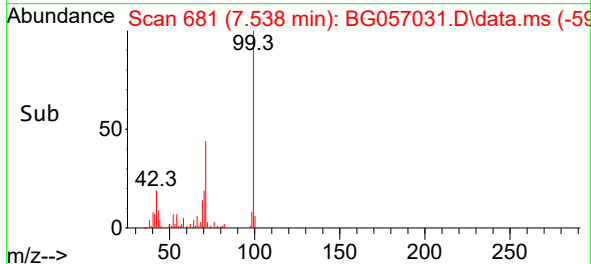
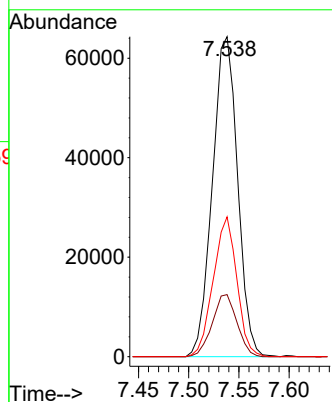
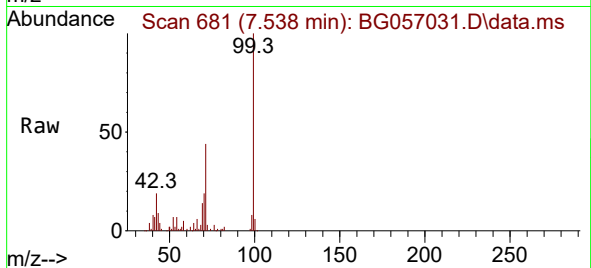




#7
Phenol-d6
Concen: 107.757 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

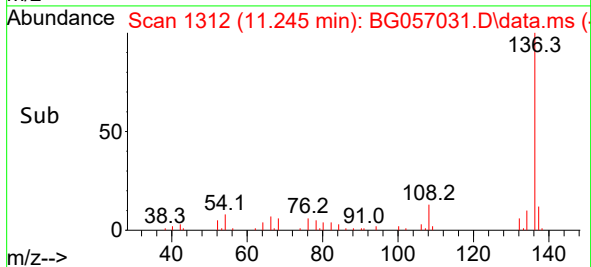
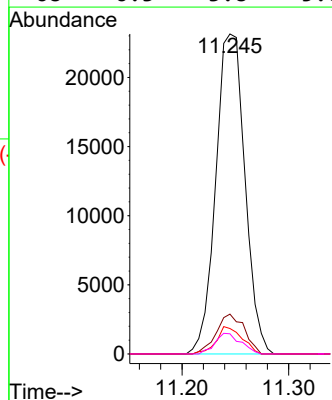
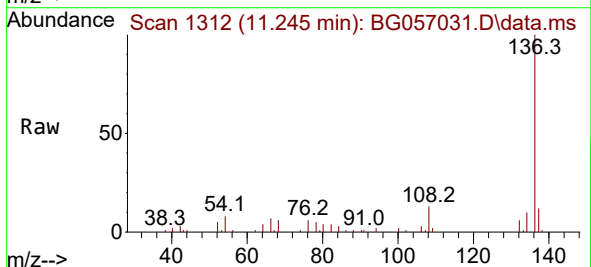
Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-06

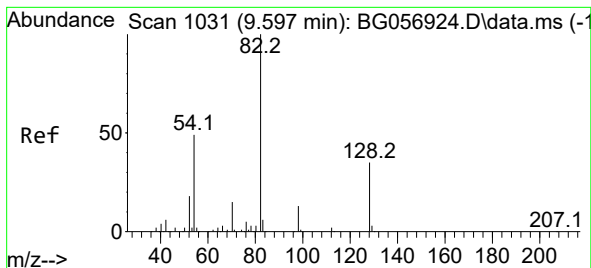
Tgt Ion: 99 Resp: 112068
Ion Ratio Lower Upper
99 100
42 19.4 15.7 23.5
71 43.7 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Tgt Ion: 136 Resp: 43908
Ion Ratio Lower Upper
136 100
137 12.5 8.6 13.0
54 7.9 6.9 10.3
68 6.3 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 67.981 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BG057031.D

Acq: 7 Apr 2023 18:03

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-06

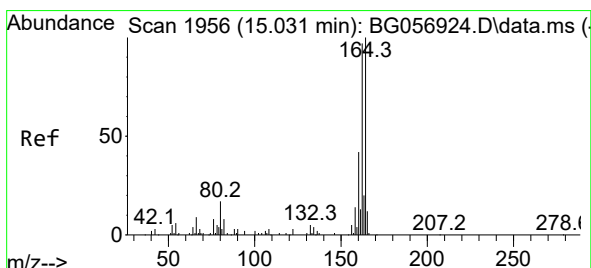
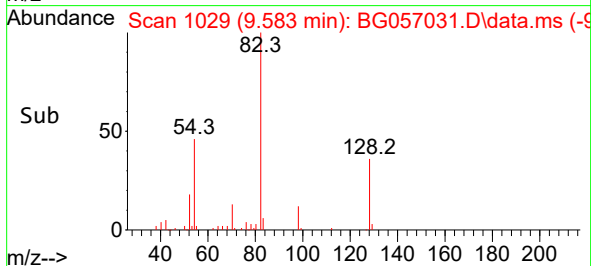
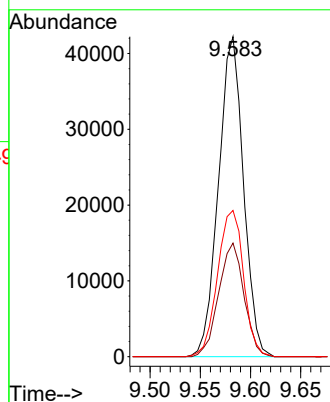
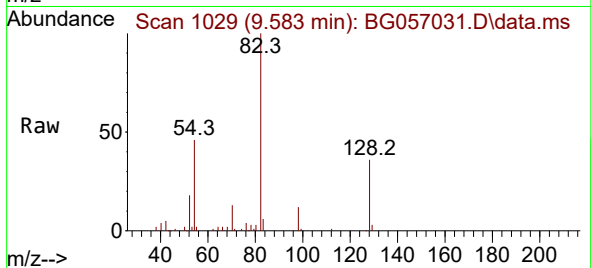
Tgt Ion: 82 Resp: 72949

Ion Ratio Lower Upper

82 100

128 35.5 27.9 41.9

54 45.7 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: BG057031.D

Acq: 7 Apr 2023 18:03

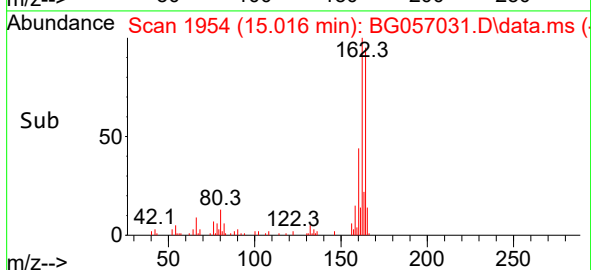
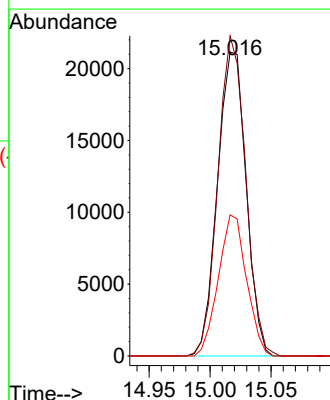
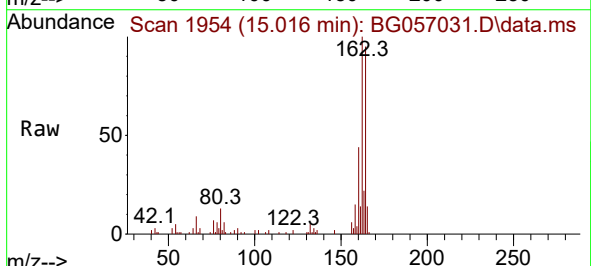
Tgt Ion:164 Resp: 34603

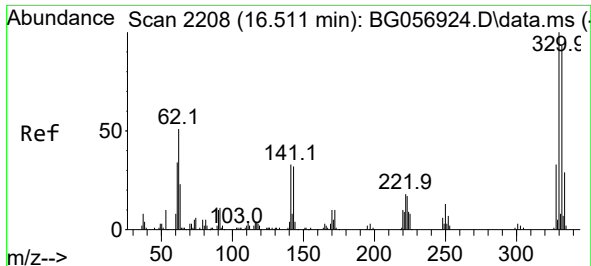
Ion Ratio Lower Upper

164 100

162 105.3 77.8 116.8

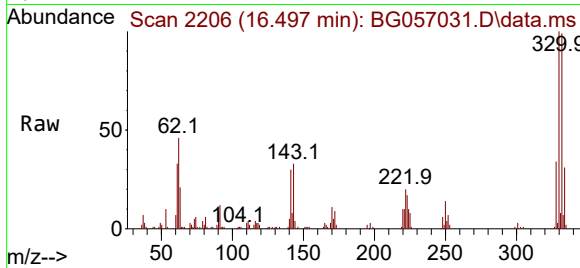
160 46.4 33.5 50.3



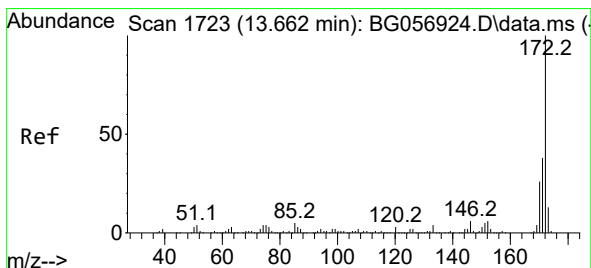
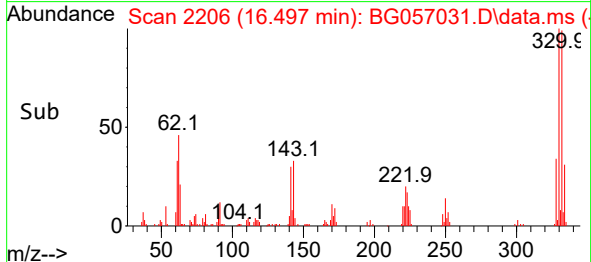
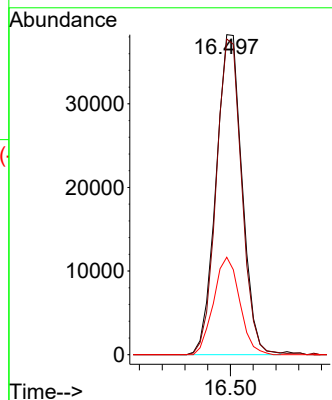


#42
2,4,6-Tribromophenol
Concen: 109.952 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Instrument :
BNA_G
ClientSampleId :
OU3-FC-BACKFILL-06

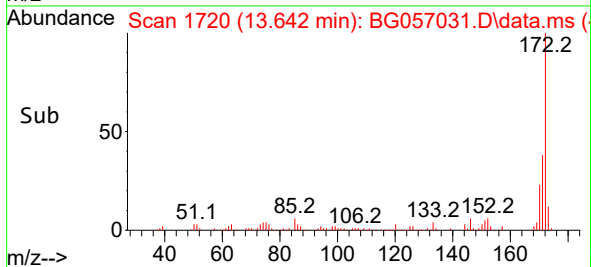
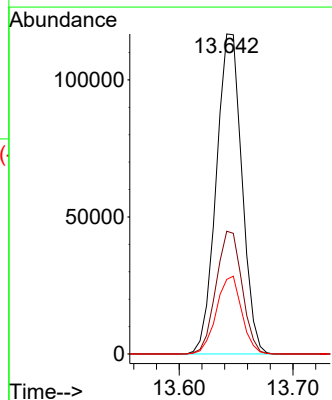
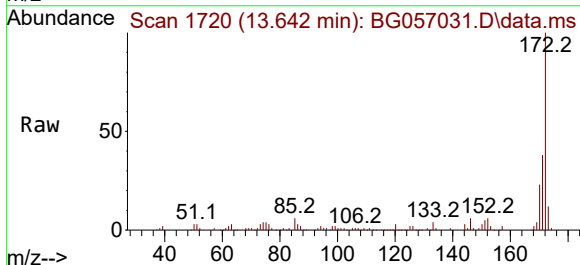


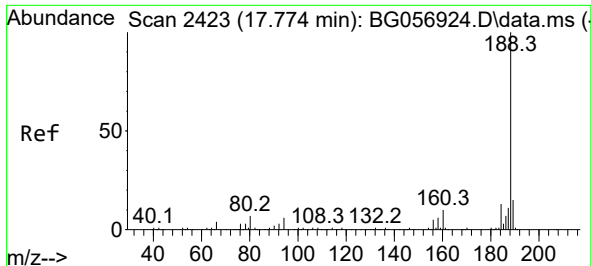
Tgt Ion:330 Resp: 60781
Ion Ratio Lower Upper
330 100
332 96.6 76.1 114.1
141 30.5 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 71.724 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Tgt Ion:172 Resp: 183028
Ion Ratio Lower Upper
172 100
171 38.3 30.6 46.0
170 23.3 20.6 30.8

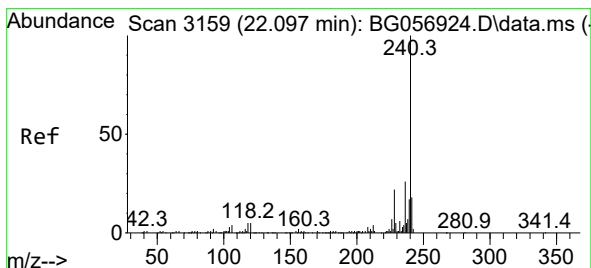
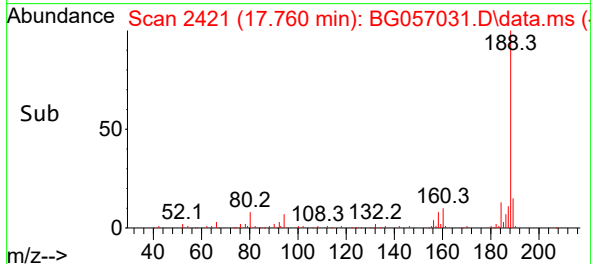
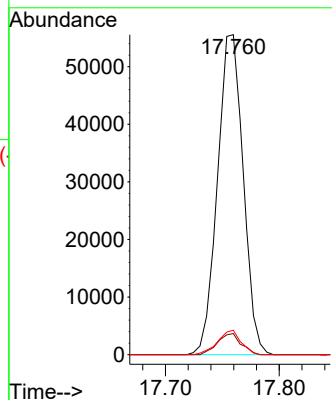
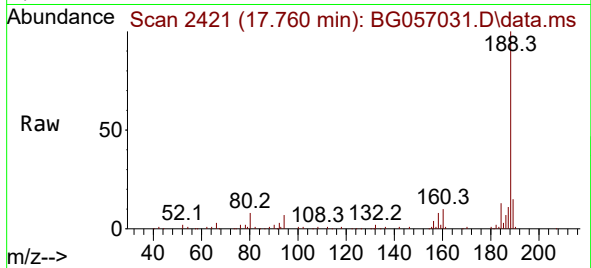




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.760 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

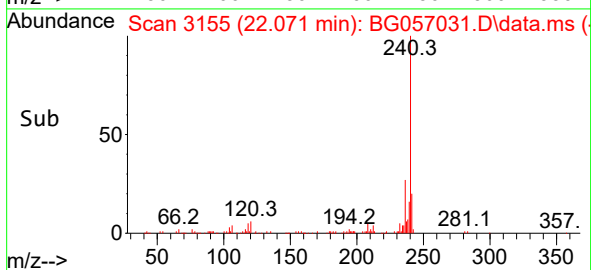
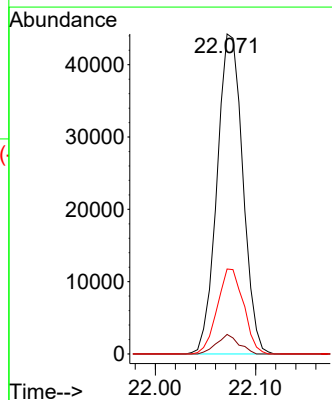
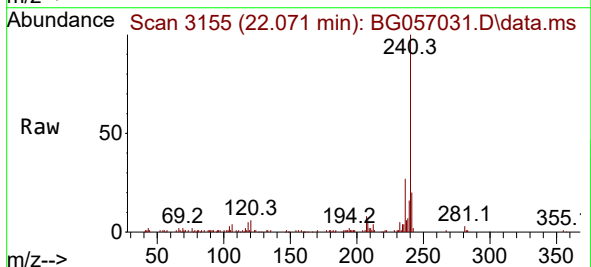
Instrument :
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ClientSampleId :
OU3-FC-BACKFILL-06

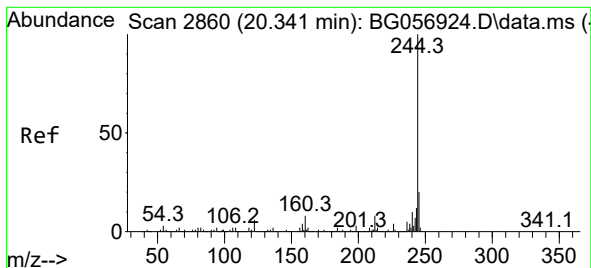
Tgt Ion:188 Resp: 87395
Ion Ratio Lower Upper
188 100
94 6.6 4.6 6.8
80 7.7 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG057031.D
Acq: 7 Apr 2023 18:03

Tgt Ion:240 Resp: 78896
Ion Ratio Lower Upper
240 100
120 6.1 3.8 5.6#
236 26.5 21.0 31.6





#79

Terphenyl-d14

Concen: 78.544 ng

RT: 20.327 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057031.D

Acq: 7 Apr 2023 18:03

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-06

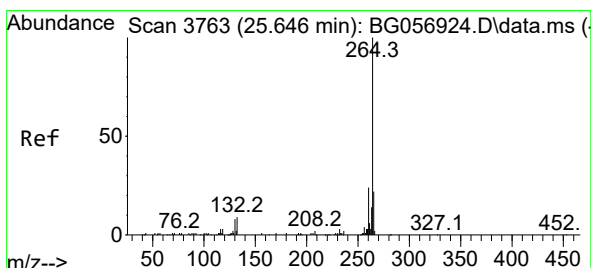
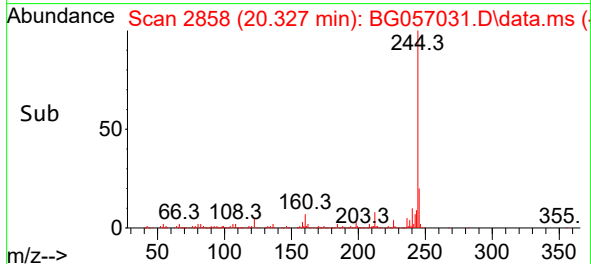
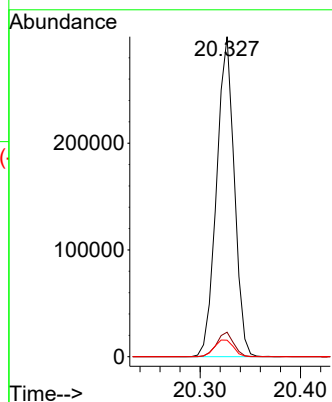
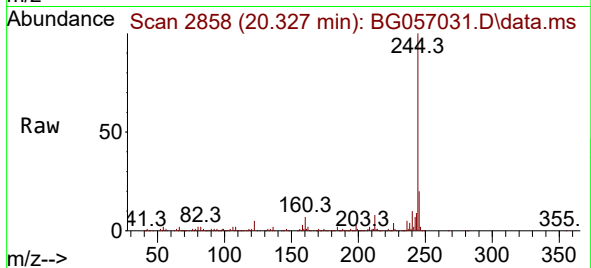
Tgt Ion:244 Resp: 366206

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 5.2 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.614 min Scan# 3758

Delta R.T. -0.018 min

Lab File: BG057031.D

Acq: 7 Apr 2023 18:03

Tgt Ion:264 Resp: 84382

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 20.7 17.8 26.6

