

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057068.D
 Acq On : 12 Apr 2023 17:53
 Operator : CG/JU
 Sample : 02292-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB1-041123

Quant Time: Apr 13 05:25:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	16189	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	58879	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	40445	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	102507	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	96760	20.000	ng	# 0.00
86) Perylene-d12	25.608	264	104545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	184226	182.126	ng	0.00
7) Phenol-d6	7.544	99	249108	164.659	ng	0.00
23) Nitrobenzene-d5	9.583	82	162632	113.020	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	118965	184.122	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	358499	120.195	ng	0.00
79) Terphenyl-d14	20.327	244	707523	123.733	ng	0.00

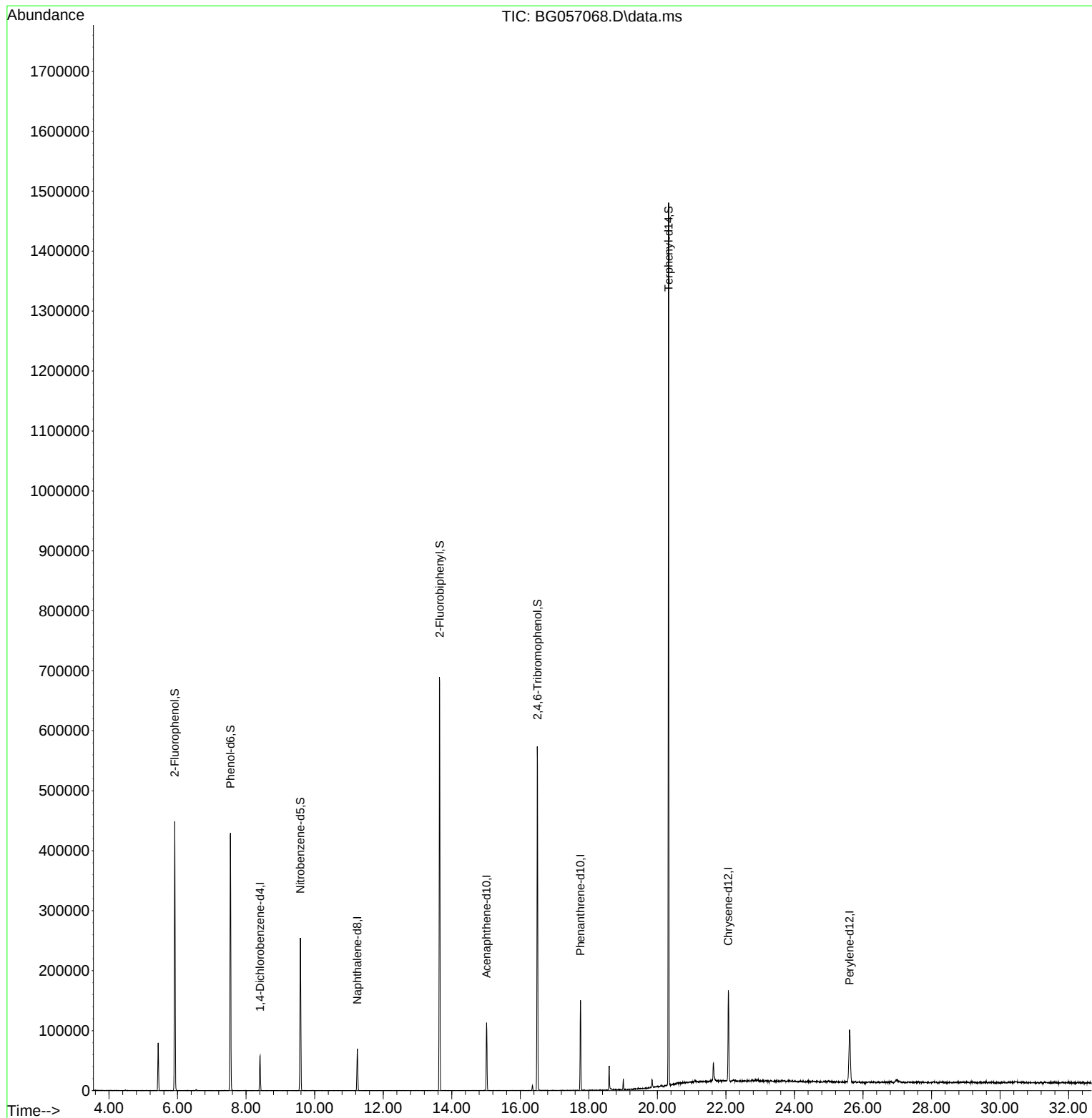
Target Compounds	Qvalue

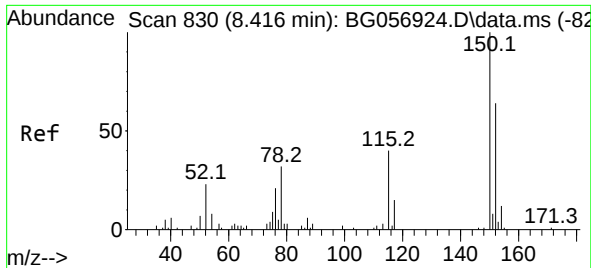
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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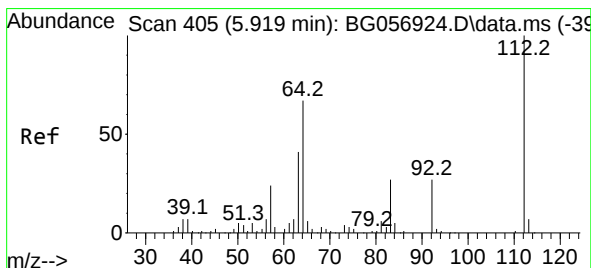
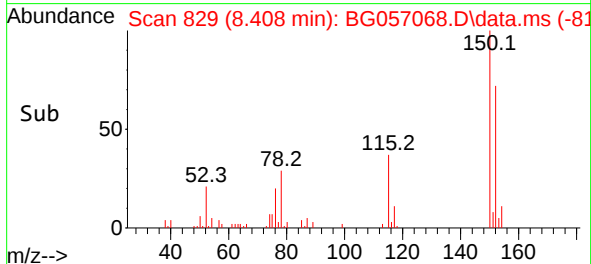
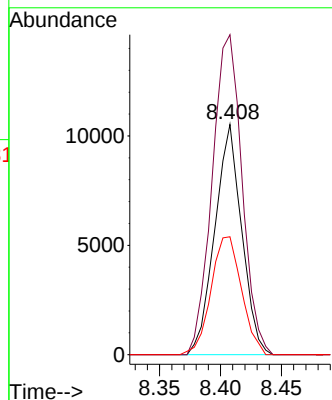
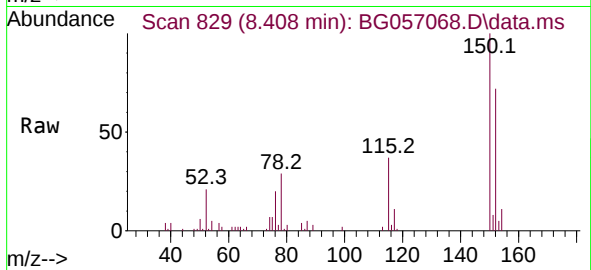




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

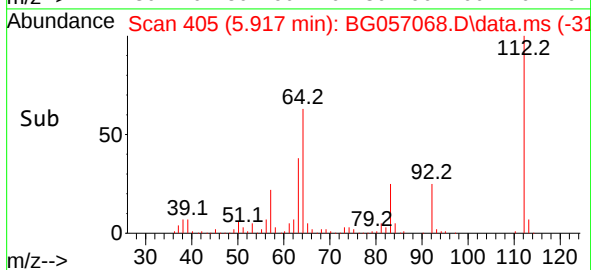
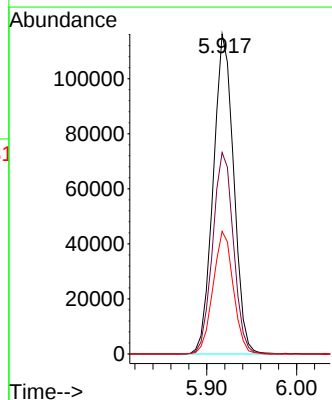
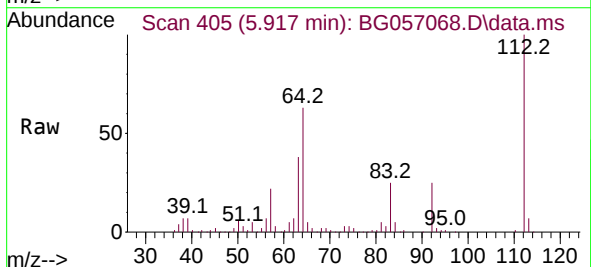
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

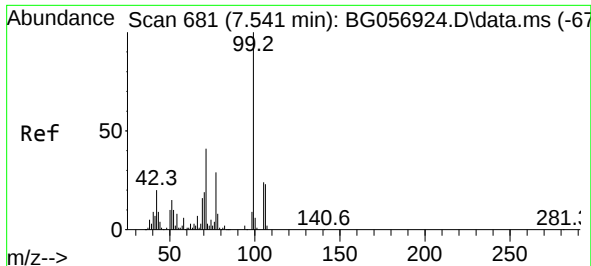
Tgt Ion:152 Resp: 16189
Ion Ratio Lower Upper
152 100
150 139.0 124.1 186.1
115 51.2 49.1 73.7



#5
2-Fluorophenol
Concen: 182.126 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Tgt Ion:112 Resp: 184226
Ion Ratio Lower Upper
112 100
64 62.9 53.2 79.8
63 38.3 32.6 48.8

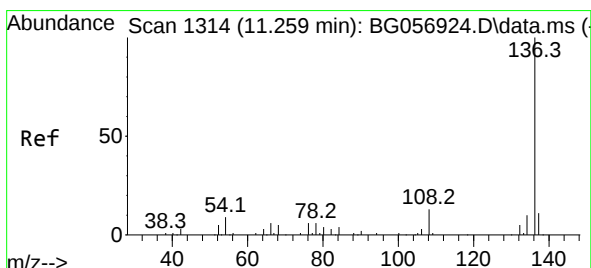
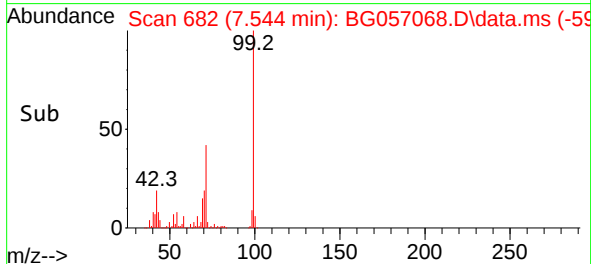
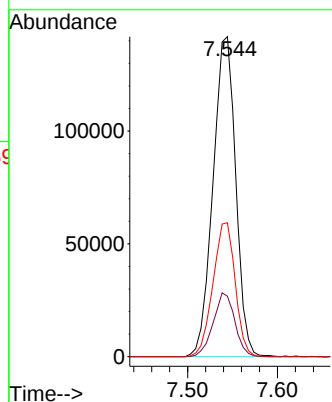
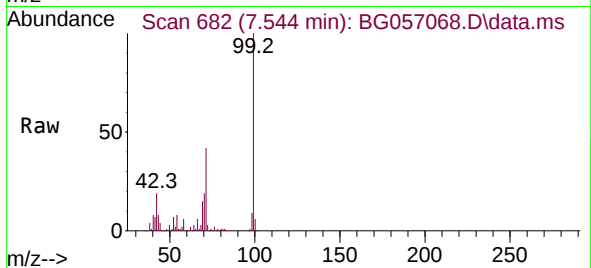




#7
Phenol-d6
Concen: 164.659 ng
RT: 7.544 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

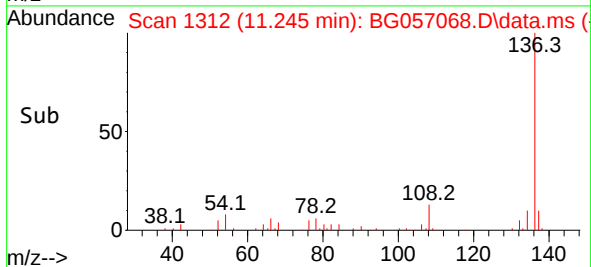
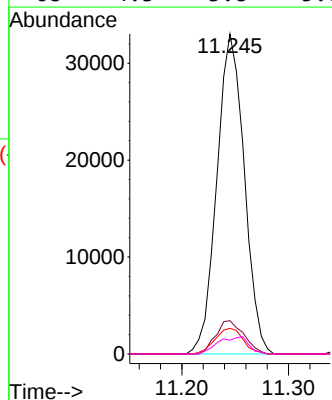
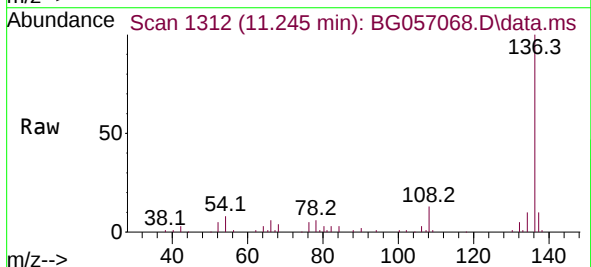
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

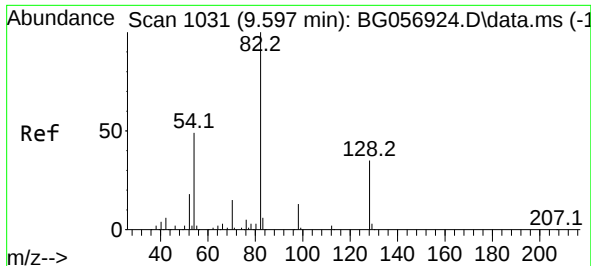
Tgt Ion: 99 Resp: 249108
Ion Ratio Lower Upper
99 100
42 18.9 15.7 23.5
71 41.9 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Tgt Ion: 136 Resp: 58879
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.0 6.9 10.3
68 4.3 3.8 5.6

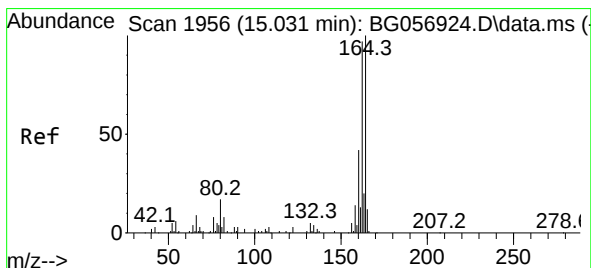
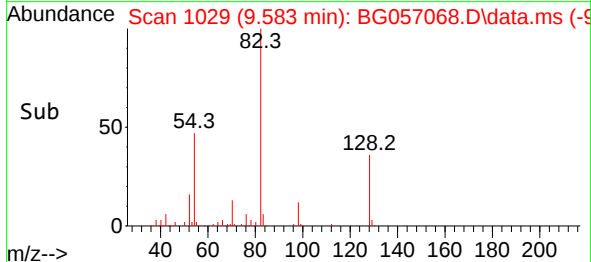
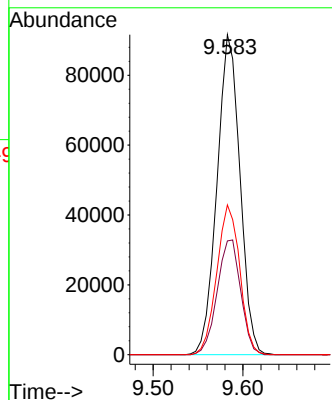
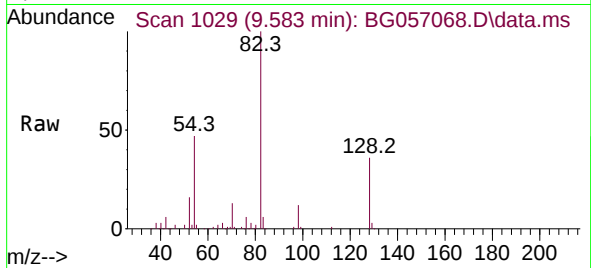




#23
Nitrobenzene-d5
Concen: 113.020 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

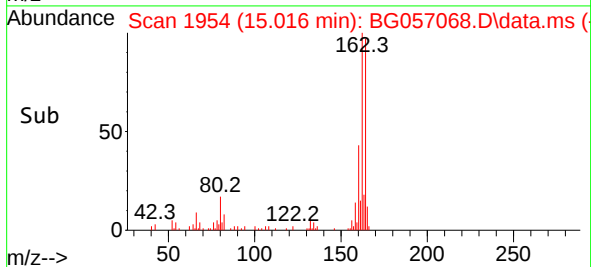
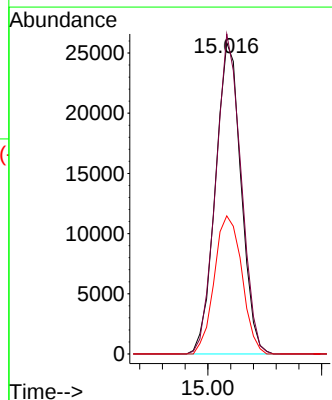
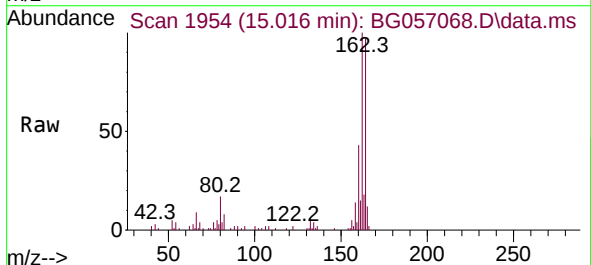
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

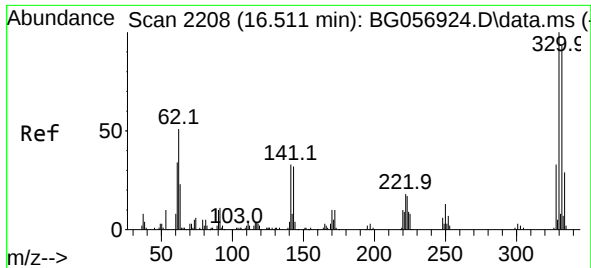
Tgt Ion: 82 Resp: 162632
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 46.8 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

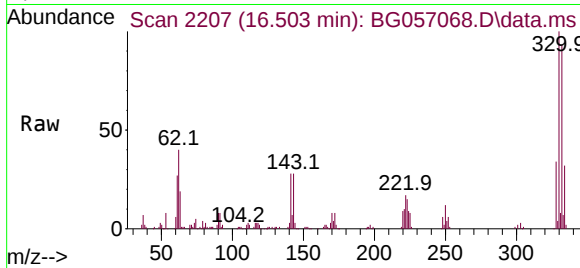
Tgt Ion: 164 Resp: 40445
Ion Ratio Lower Upper
164 100
162 102.8 77.8 116.8
160 44.3 33.5 50.3



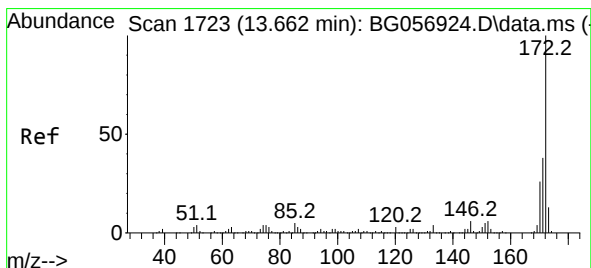
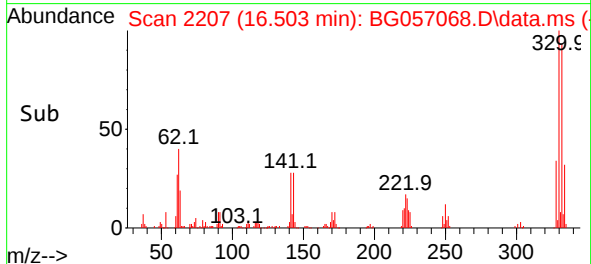
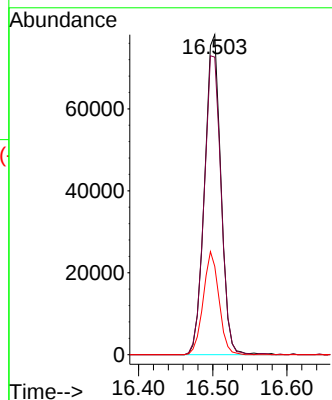


#42
2,4,6-Tribromophenol
Concen: 184.122 ng
RT: 16.503 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

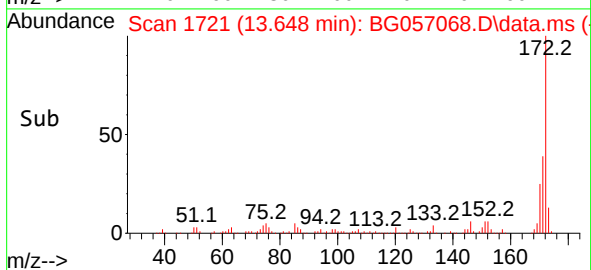
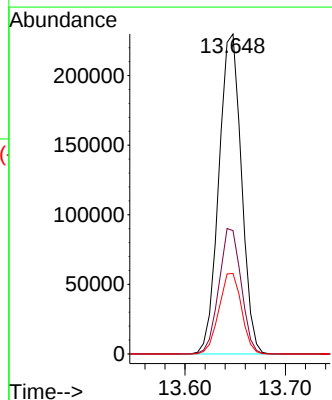
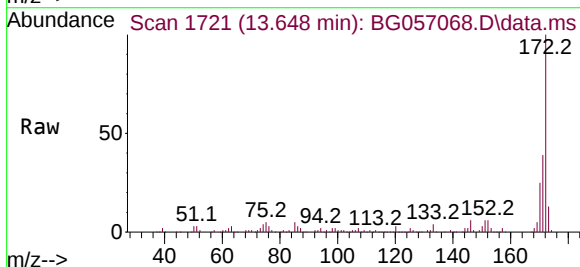


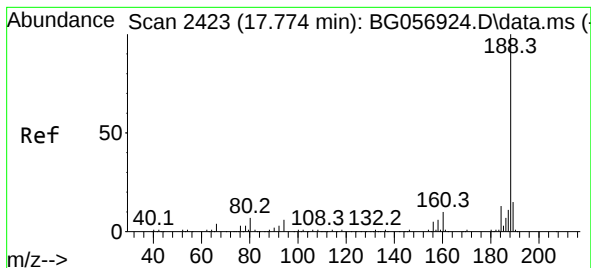
Tgt Ion:330 Resp: 118965
Ion Ratio Lower Upper
330 100
332 96.6 76.1 114.1
141 31.0 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 120.195 ng
RT: 13.648 min Scan# 1721
Delta R.T. 0.002 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Tgt Ion:172 Resp: 358499
Ion Ratio Lower Upper
172 100
171 38.6 30.6 46.0
170 25.2 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG057068.D

Acq: 12 Apr 2023 17:53

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB1-041123

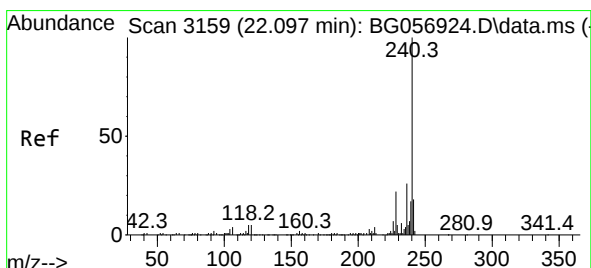
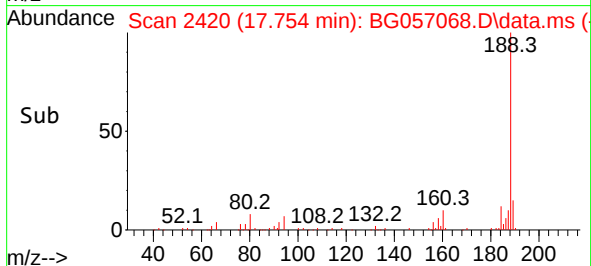
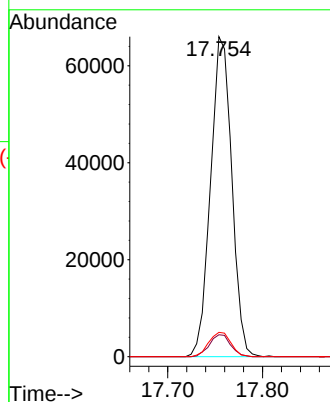
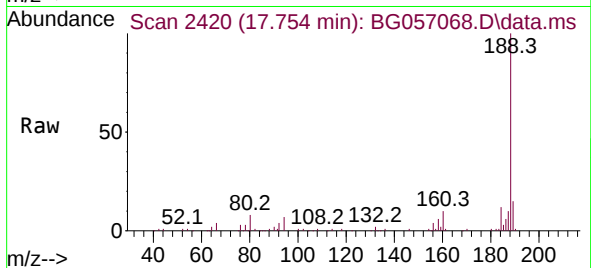
Tgt Ion:188 Resp: 102507

Ion Ratio Lower Upper

188 100

94 6.9 4.6 6.8#

80 7.6 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.072 min Scan# 3155

Delta R.T. -0.009 min

Lab File: BG057068.D

Acq: 12 Apr 2023 17:53

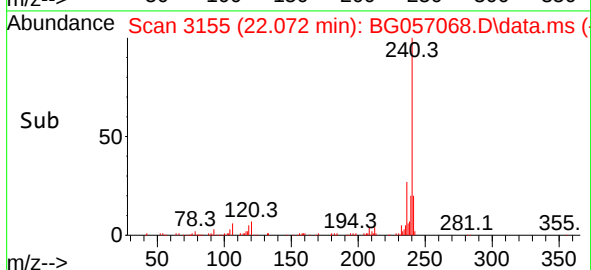
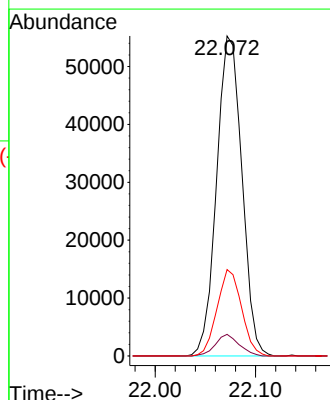
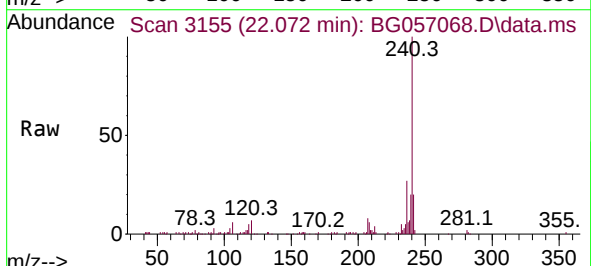
Tgt Ion:240 Resp: 96760

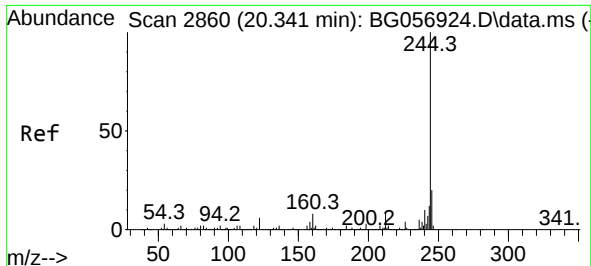
Ion Ratio Lower Upper

240 100

120 6.8 3.8 5.6#

236 27.0 21.0 31.6

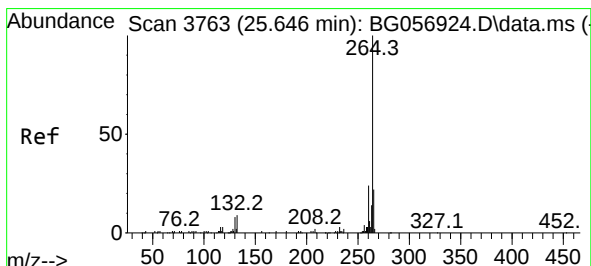
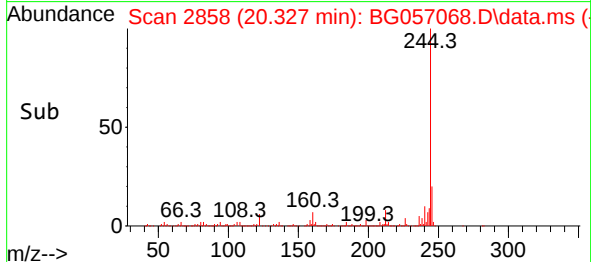
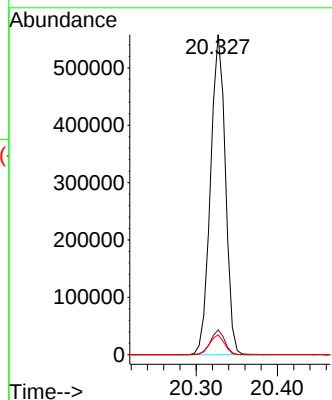
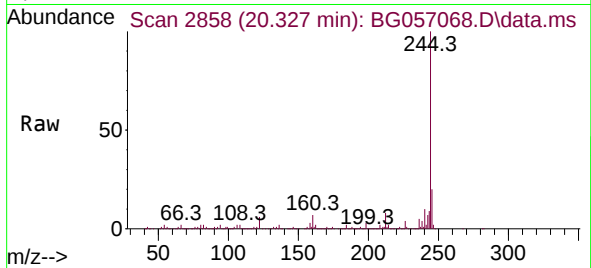




#79
 Terphenyl-d14
 Concen: 123.733 ng
 RT: 20.327 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057068.D
 Acq: 12 Apr 2023 17:53

Instrument :
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 ClientSampleId :
 IDW-SO-VB1-041123

Tgt Ion:244 Resp: 707523
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.608 min Scan# 3757
 Delta R.T. -0.003 min
 Lab File: BG057068.D
 Acq: 12 Apr 2023 17:53

Tgt Ion:264 Resp: 104545
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 22.2 17.8 26.6

