

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057646.D
 Acq On : 6 Jun 2023 20:58
 Operator : CG/JU
 Sample : 02997-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DMA-1105

Quant Time: Jun 07 02:50:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	22473	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	96019	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	72180	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	173682	20.000	ng	0.00
76) Chrysene-d12	22.000	240	151023	20.000	ng	0.00
86) Perylene-d12	25.490	264	161067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	85120	65.803	ng	0.00
7) Phenol-d6	7.490	99	78197	38.627	ng	0.00
23) Nitrobenzene-d5	9.523	82	191369	93.167	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	153351	132.700	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	495992	98.753	ng	0.00
79) Terphenyl-d14	20.267	244	851512	97.668	ng	0.00

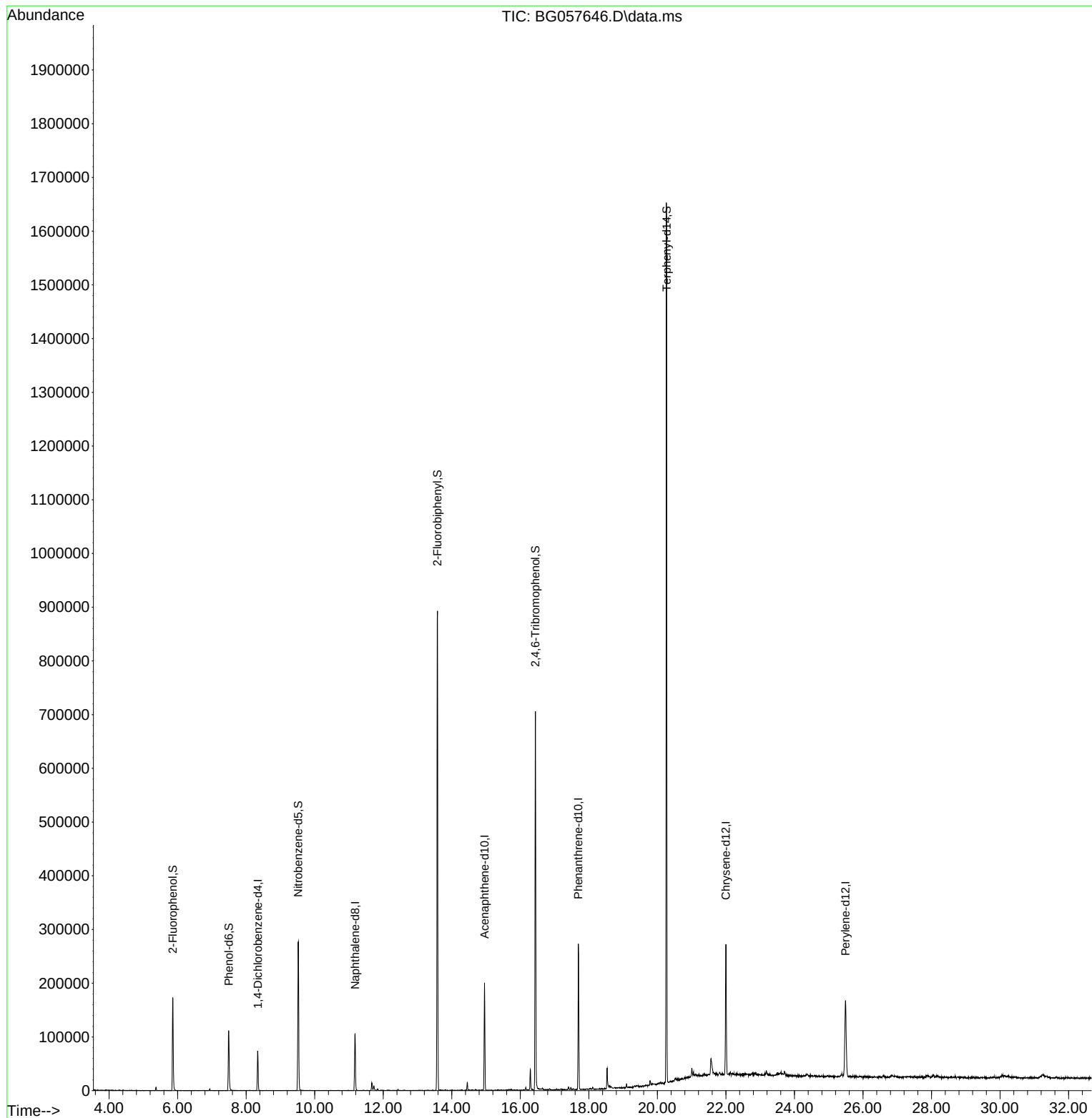
Target Compounds	Qvalue

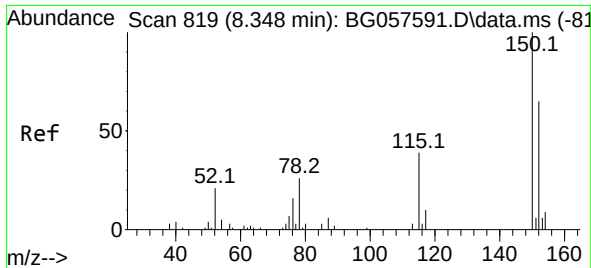
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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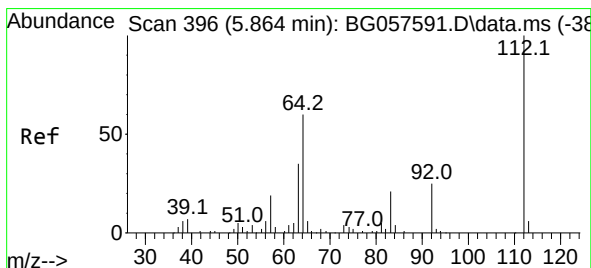
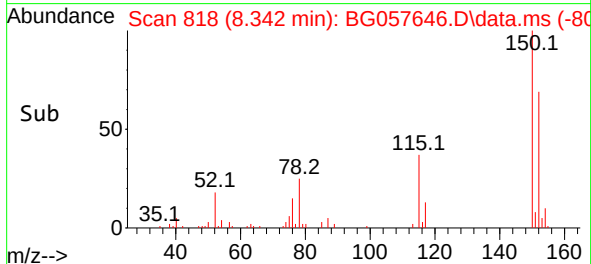
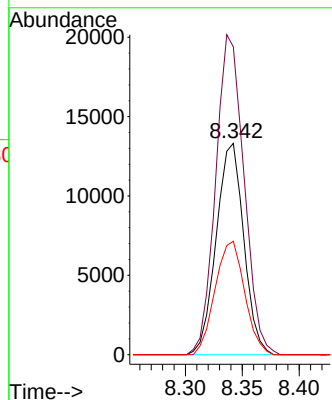
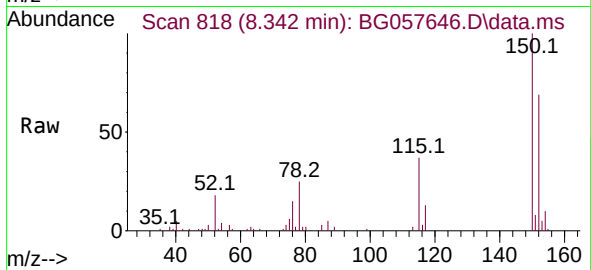




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 819
Delta R.T. 0.008 min
Lab File: BG057646.D
Acq: 6 Jun 2023 20:58

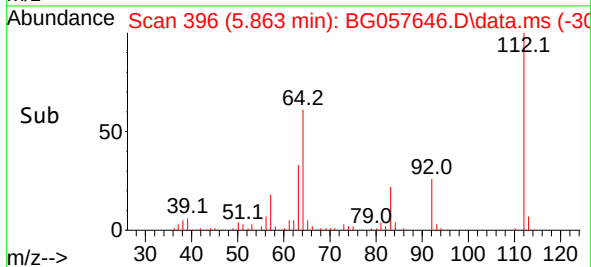
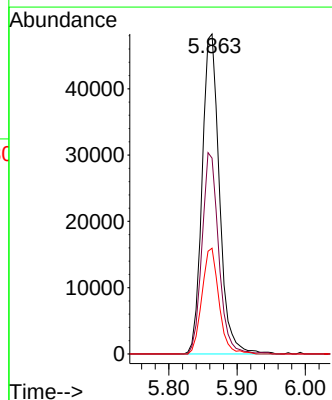
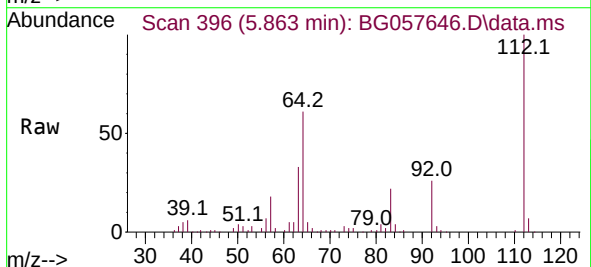
Instrument :
BNA_G
ClientSampleId :
DMA-1105

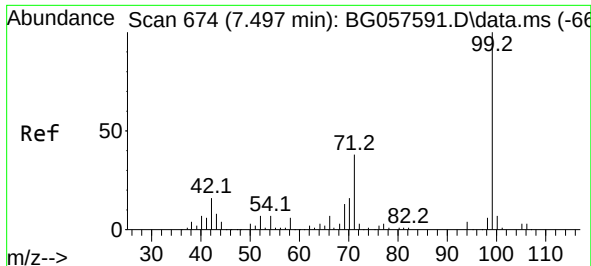
Tgt Ion:152 Resp: 22473
Ion Ratio Lower Upper
152 100
150 145.6 123.0 184.4
115 53.7 47.4 71.2



#5
2-Fluorophenol
Concen: 65.803 ng
RT: 5.863 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG057646.D
Acq: 6 Jun 2023 20:58

Tgt Ion:112 Resp: 85120
Ion Ratio Lower Upper
112 100
64 61.2 47.8 71.6
63 33.1 27.8 41.8

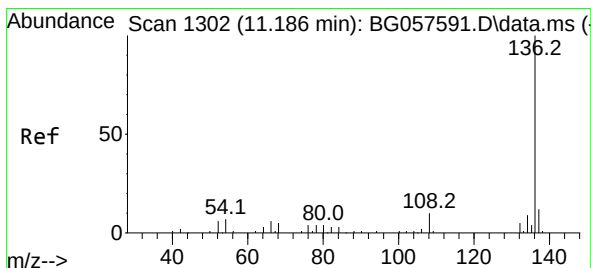
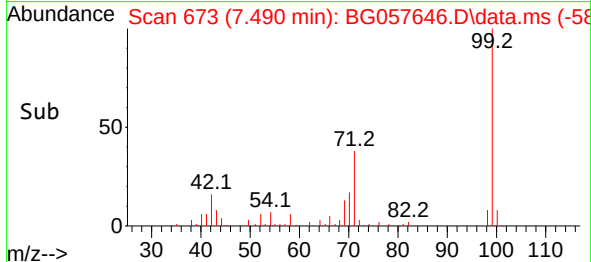
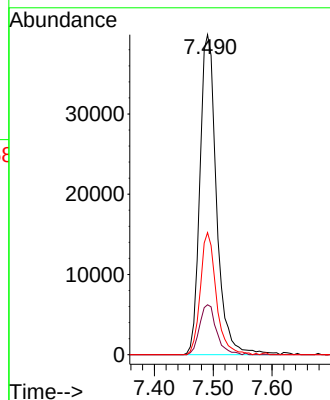
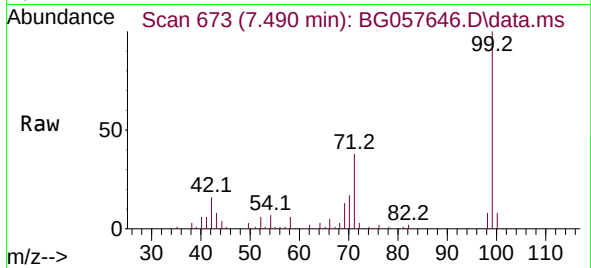




#7
Phenol-d6
Concen: 38.627 ng
RT: 7.490 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057646.D
Acq: 6 Jun 2023 20:58

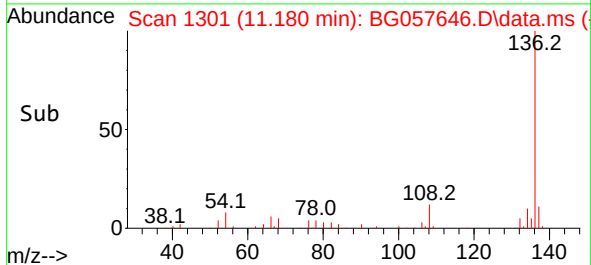
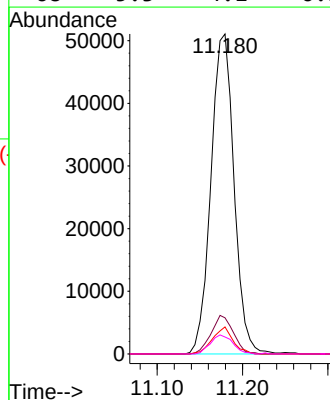
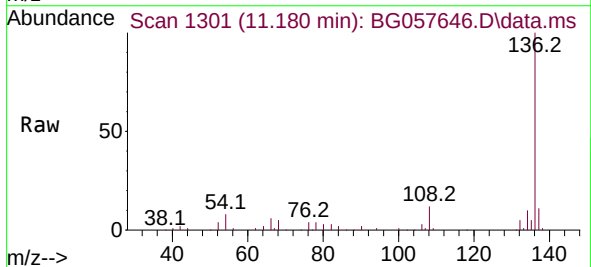
Instrument :
BNA_G
ClientSampleId :
DMA-1105

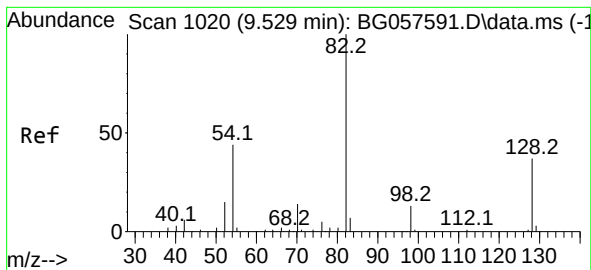
Tgt Ion: 99 Resp: 78197
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 38.1 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 1301
Delta R.T. 0.003 min
Lab File: BG057646.D
Acq: 6 Jun 2023 20:58

Tgt Ion:136 Resp: 96019
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.8
54 8.4 5.8 8.6
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 93.167 ng

RT: 9.523 min Scan# 1020

Delta R.T. 0.003 min

Lab File: BG057646.D

Acq: 6 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

DMA-1105

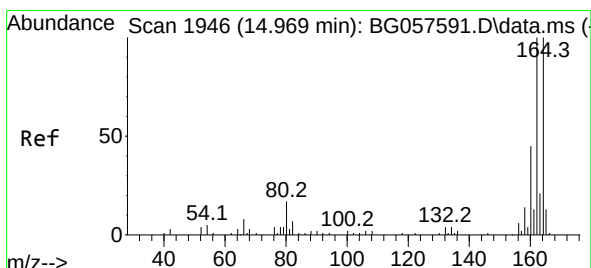
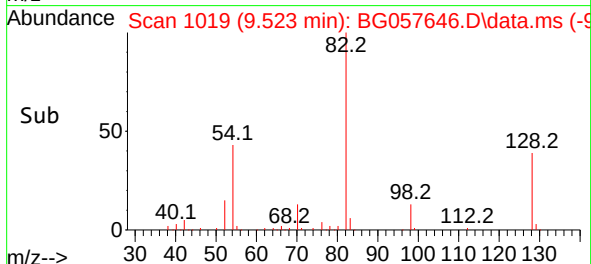
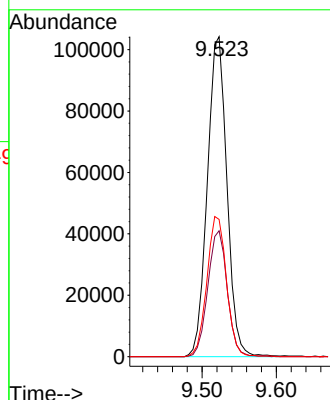
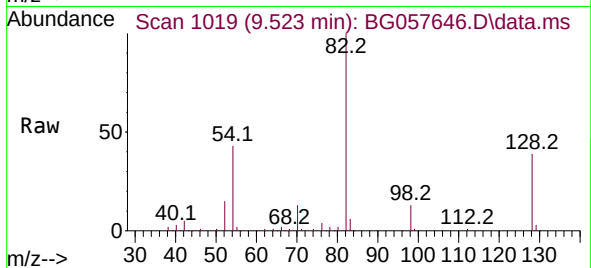
Tgt Ion: 82 Resp: 191369

Ion Ratio Lower Upper

82 100

128 39.4 30.0 45.0

54 42.9 35.2 52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.957 min Scan# 1944

Delta R.T. -0.003 min

Lab File: BG057646.D

Acq: 6 Jun 2023 20:58

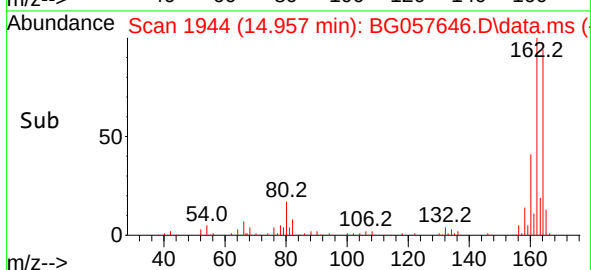
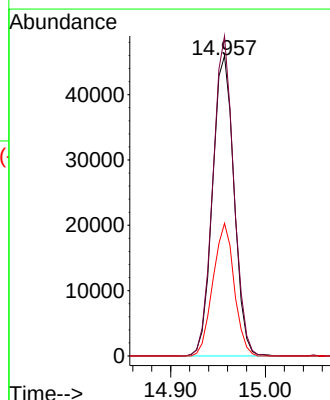
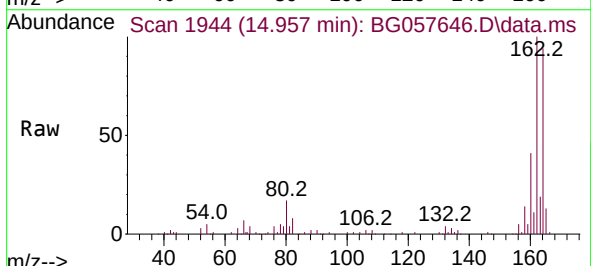
Tgt Ion:164 Resp: 72180

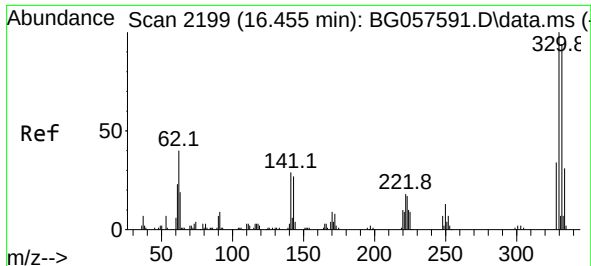
Ion Ratio Lower Upper

164 100

162 106.6 80.1 120.1

160 44.2 35.9 53.9

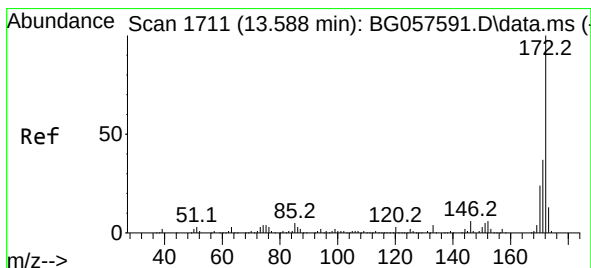
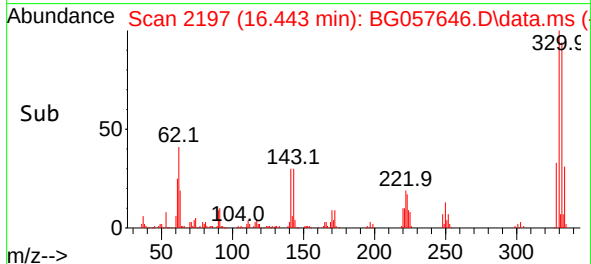
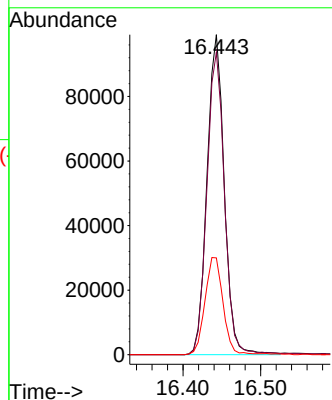
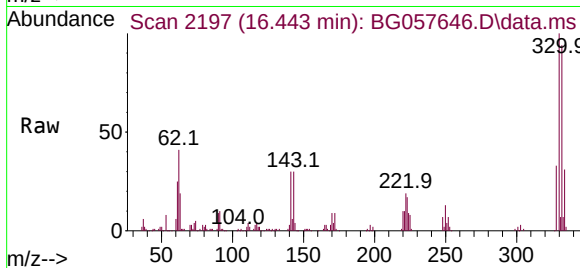




#42
2,4,6-Tribromophenol
Concen: 132.700 ng
RT: 16.443 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG057646.D
Acq: 6 Jun 2023 20:58

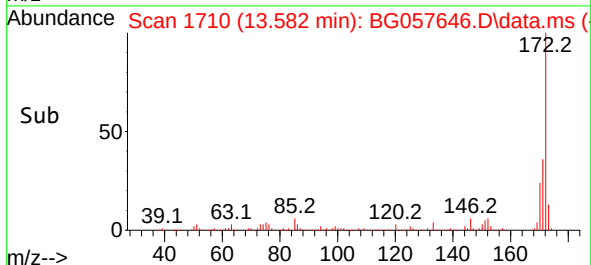
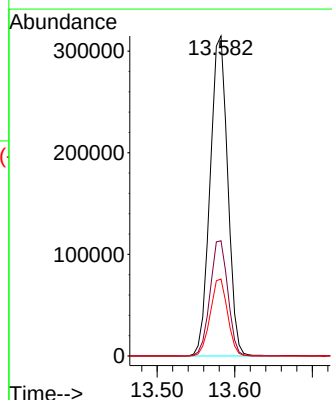
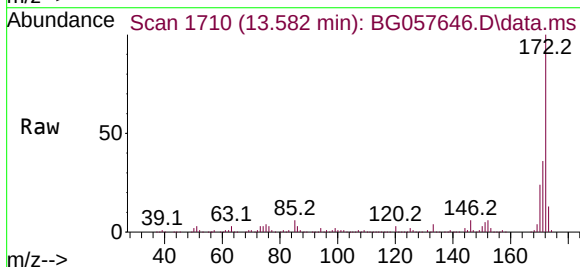
Instrument :
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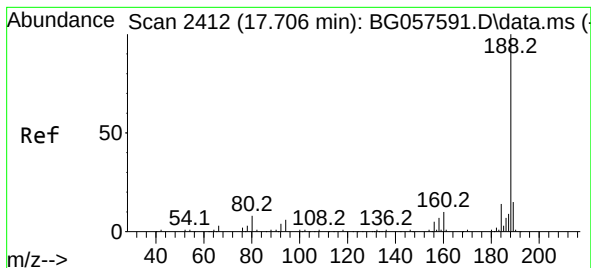
Tgt Ion:330 Resp: 153351
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.7 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 98.753 ng
RT: 13.582 min Scan# 1710
Delta R.T. 0.003 min
Lab File: BG057646.D
Acq: 6 Jun 2023 20:58

Tgt Ion:172 Resp: 495992
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.694 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BG057646.D

Acq: 6 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

DMA-1105

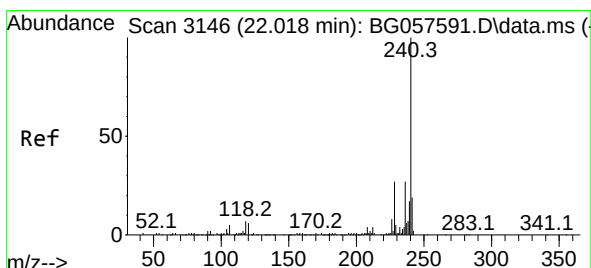
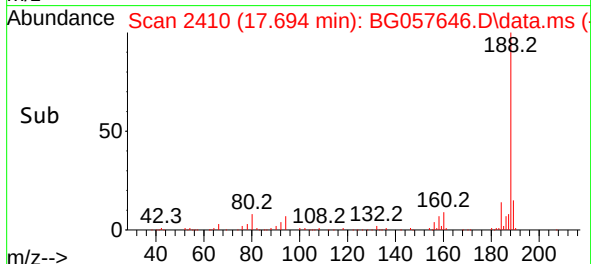
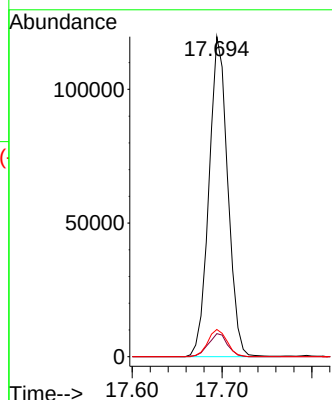
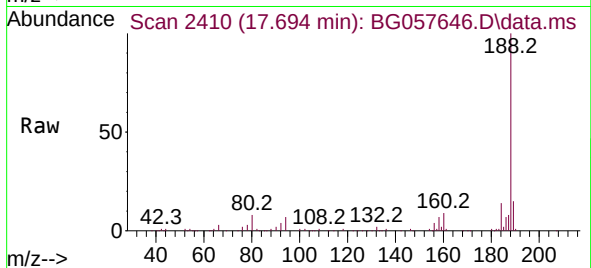
Tgt Ion:188 Resp: 173682

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

80 8.5 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.000 min Scan# 3143

Delta R.T. -0.003 min

Lab File: BG057646.D

Acq: 6 Jun 2023 20:58

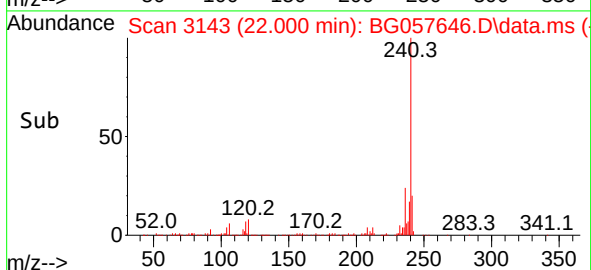
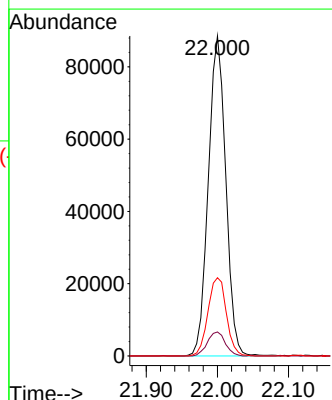
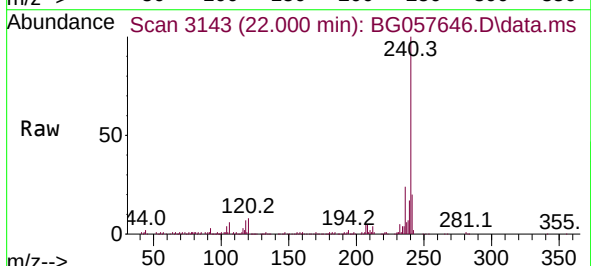
Tgt Ion:240 Resp: 151023

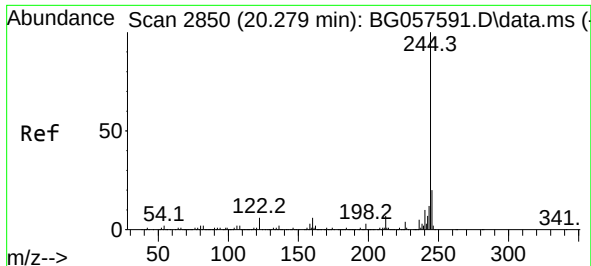
Ion Ratio Lower Upper

240 100

120 7.5 5.2 7.8

236 24.4 21.4 32.0

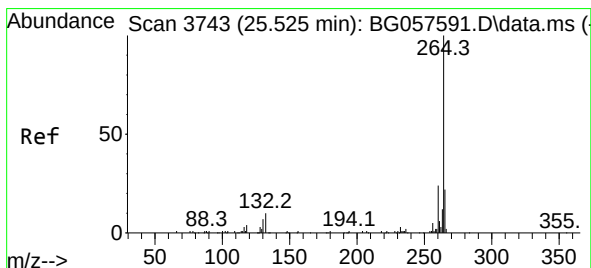
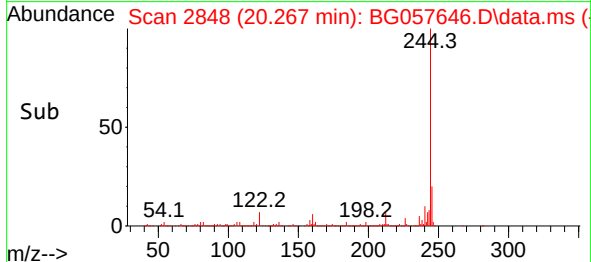
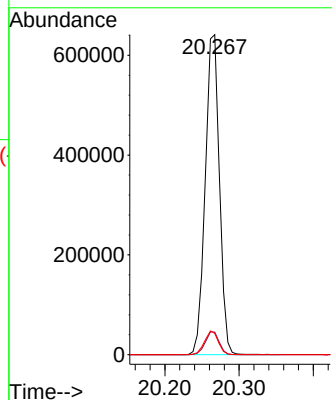
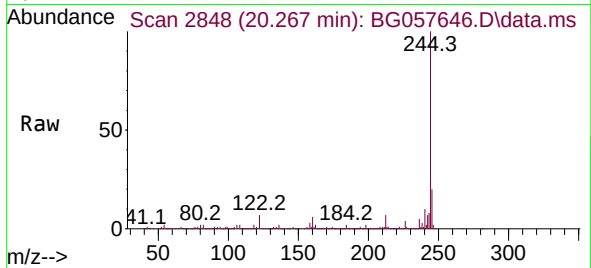




#79
 Terphenyl-d14
 Concen: 97.668 ng
 RT: 20.267 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057646.D
 Acq: 6 Jun 2023 20:58

Instrument :
 BNA_G
 ClientSampleId :
 DMA-1105

Tgt Ion:244 Resp: 851512
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 6.7 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.490 min Scan# 3737
 Delta R.T. -0.009 min
 Lab File: BG057646.D
 Acq: 6 Jun 2023 20:58

Tgt Ion:264 Resp: 161067
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 21.5 17.7 26.5

