

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057746.D
 Acq On : 16 Jun 2023 22:56
 Operator : CG/JU
 Sample : 03251-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01-DUP

Quant Time: Jun 17 04:00:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	31595	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	140692	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	109149	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	278125	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	243895	20.000	ng	-0.01
86) Perylene-d12	24.715	264	292346	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	116078	59.822	ng	0.00
7) Phenol-d6	7.083	99	105179	35.284	ng	-0.01
23) Nitrobenzene-d5	9.093	82	221151	95.435	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	192871	158.386	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	540033	73.750	ng	-0.01
79) Terphenyl-d14	19.927	244	1009172	76.501	ng	0.00

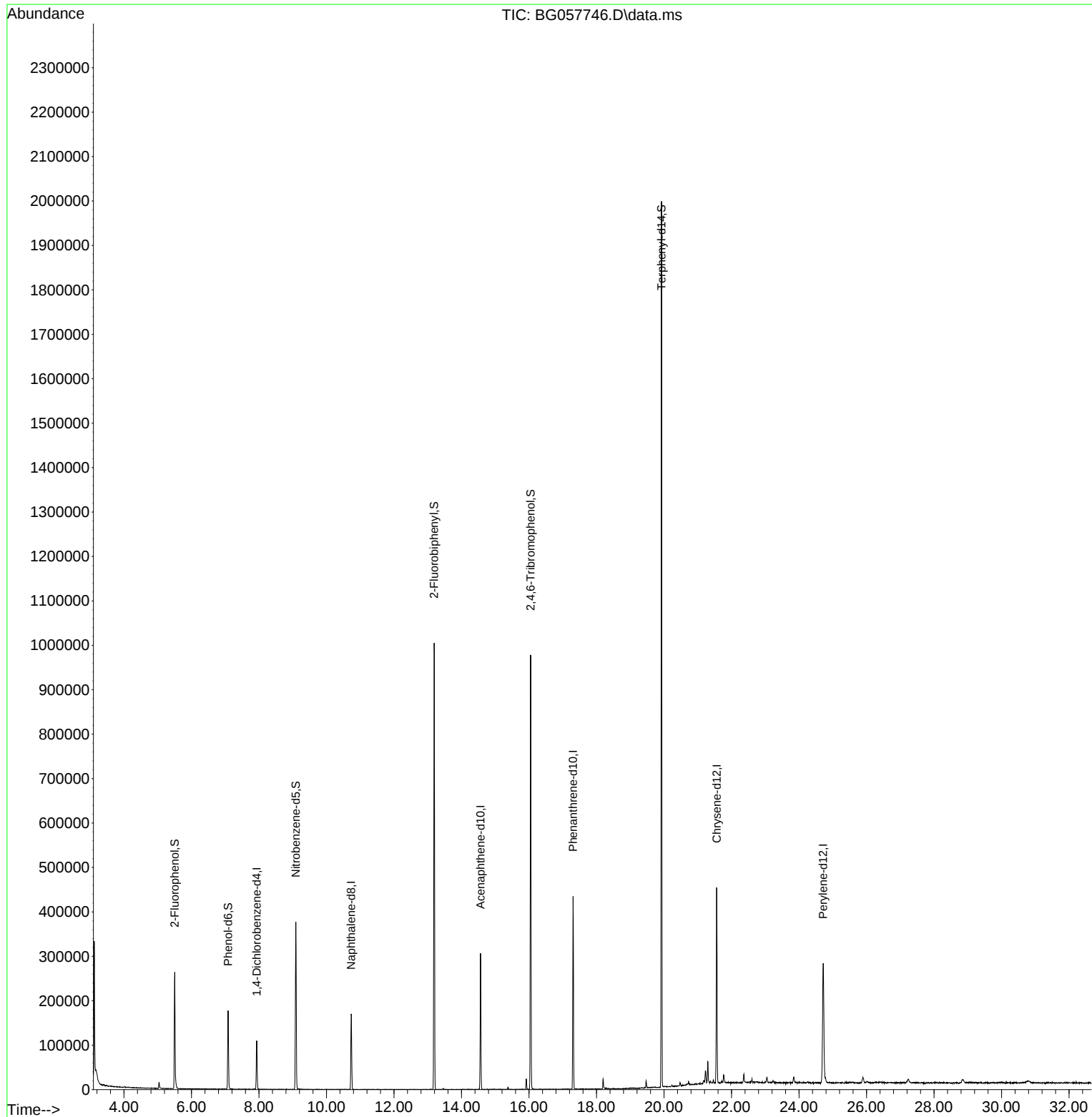
Target Compounds	Qvalue

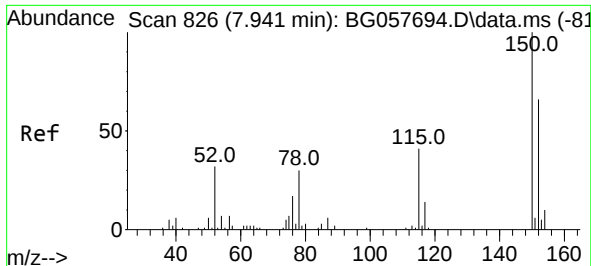
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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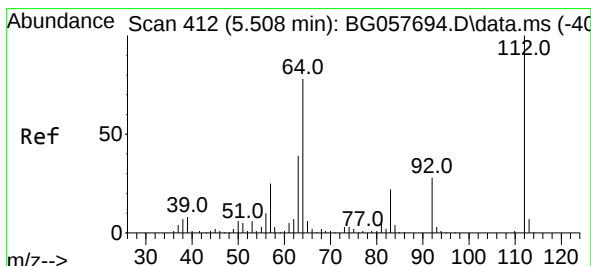
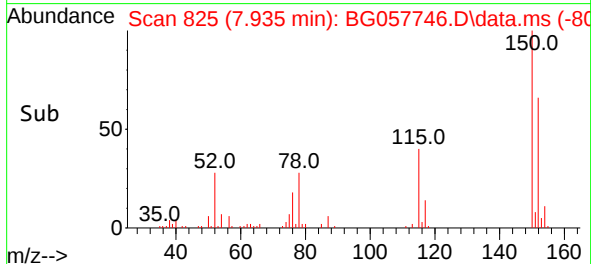
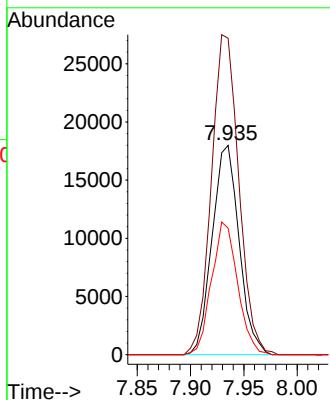
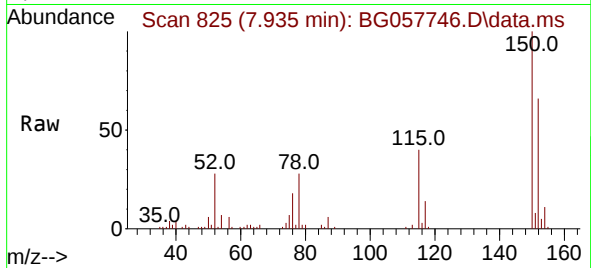




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

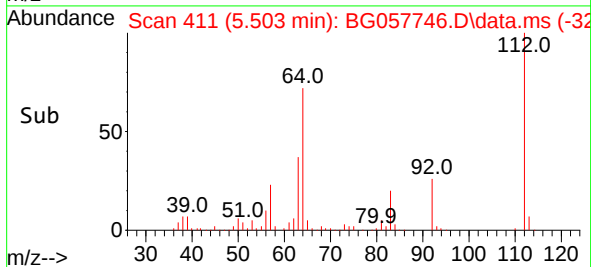
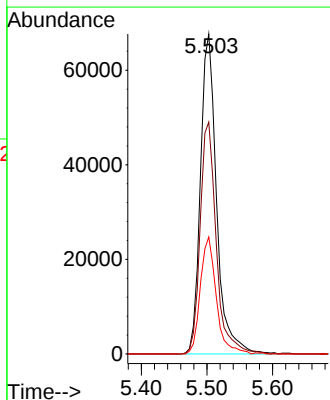
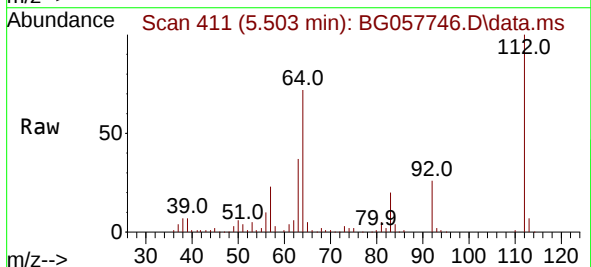
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

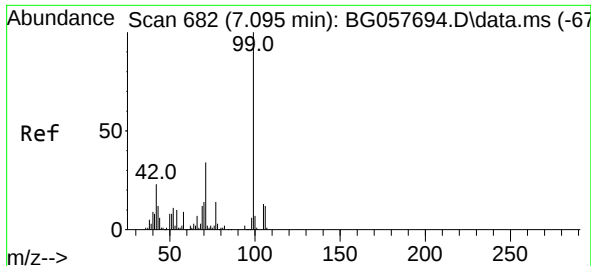
Tgt Ion:152 Resp: 31595
Ion Ratio Lower Upper
152 100
150 151.2 120.8 181.2
115 60.5 49.4 74.2



#5
2-Fluorophenol
Concen: 59.822 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

Tgt Ion:112 Resp: 116078
Ion Ratio Lower Upper
112 100
64 72.4 62.3 93.5
63 36.6 31.5 47.3

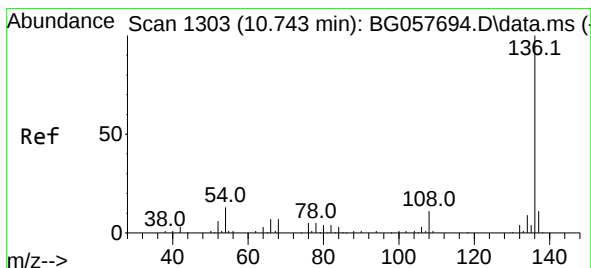
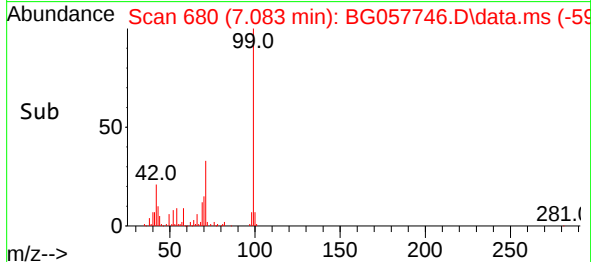
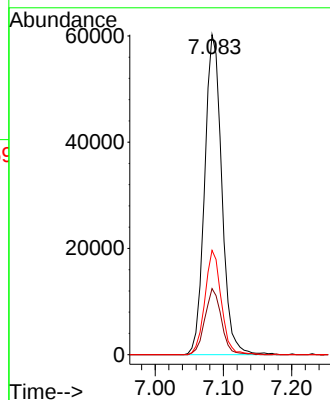
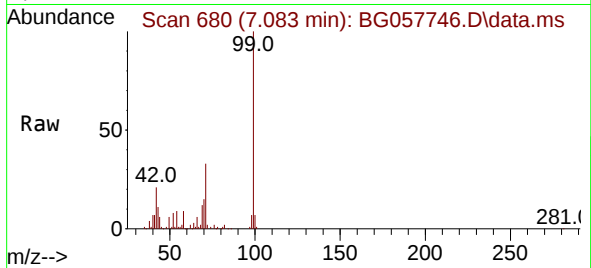




#7
Phenol-d6
Concen: 35.284 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

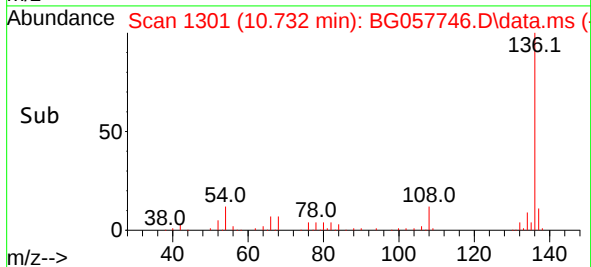
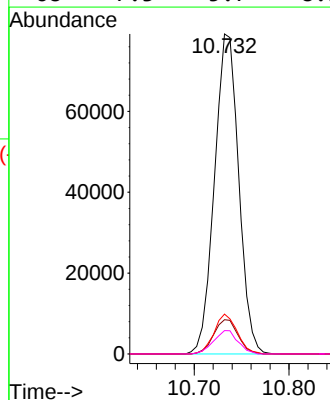
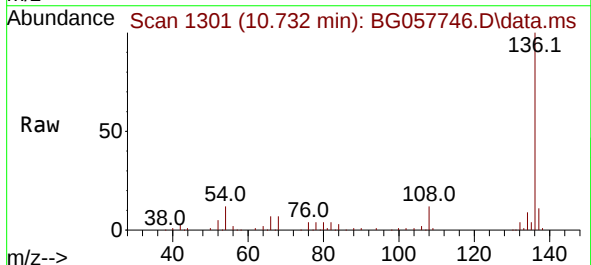
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

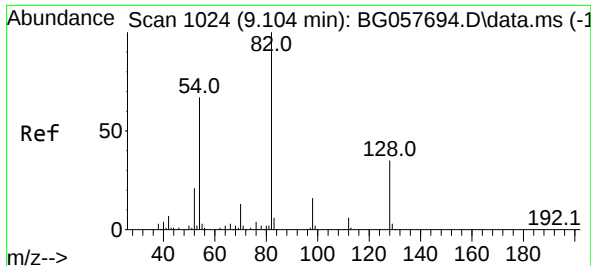
Tgt Ion: 99 Resp: 105179
Ion Ratio Lower Upper
99 100
42 20.6 18.3 27.5
71 32.6 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.013 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

Tgt Ion: 136 Resp: 140692
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 12.5 10.8 16.2
68 7.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 95.435 ng

RT: 9.093 min Scan# 1022

Delta R.T. -0.007 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

Instrument :

BNA_G

ClientSampleId :

MW-01-DUP

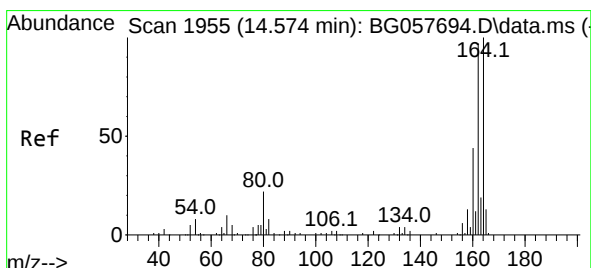
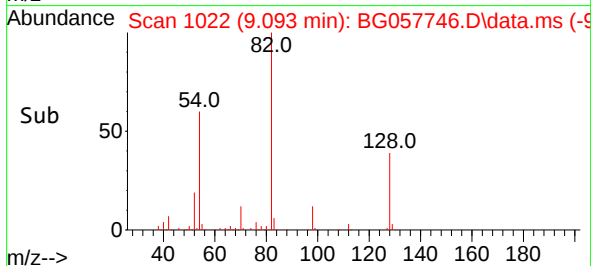
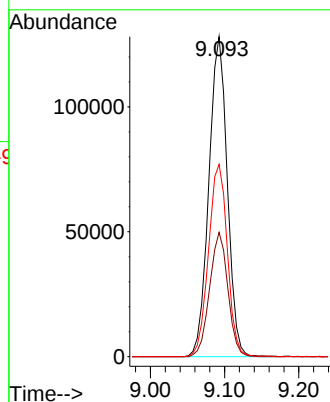
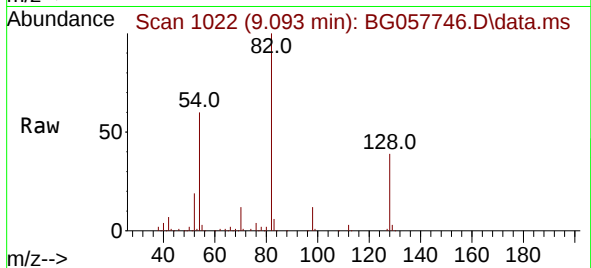
Tgt Ion: 82 Resp: 221151

Ion Ratio Lower Upper

82 100

128 38.9 27.7 41.5

54 60.1 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.013 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

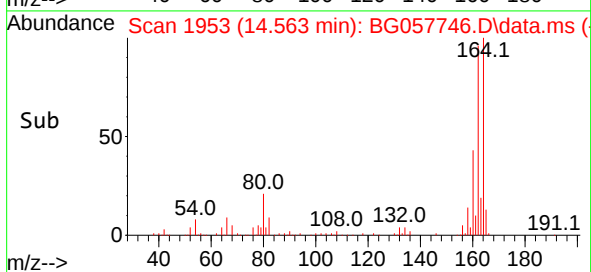
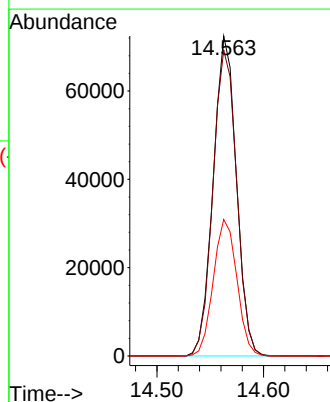
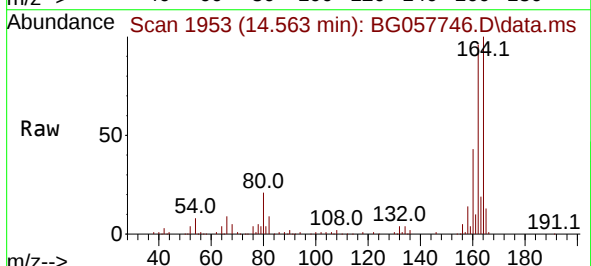
Tgt Ion: 164 Resp: 109149

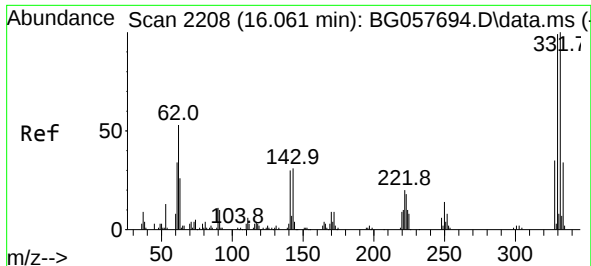
Ion Ratio Lower Upper

164 100

162 95.6 77.7 116.5

160 42.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 158.386 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

Instrument :

BNA_G

ClientSampleId :

MW-01-DUP

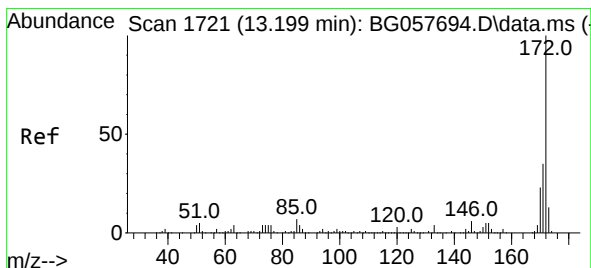
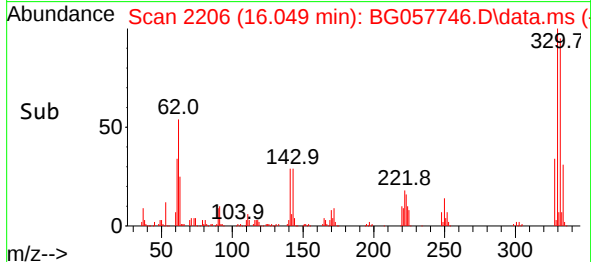
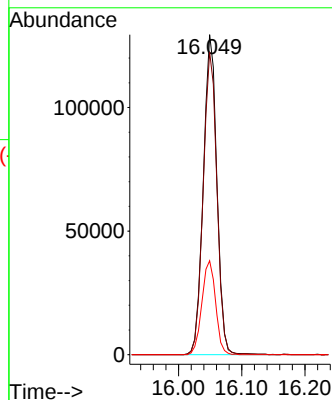
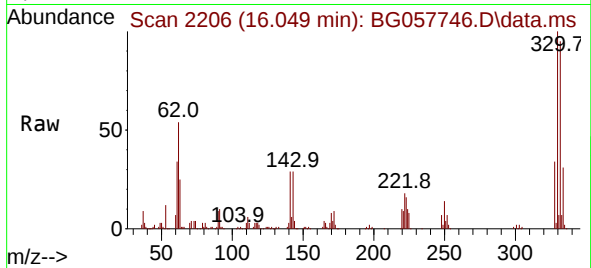
Tgt Ion:330 Resp: 192871

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.6

141 29.6 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 73.750 ng

RT: 13.188 min Scan# 1719

Delta R.T. -0.013 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

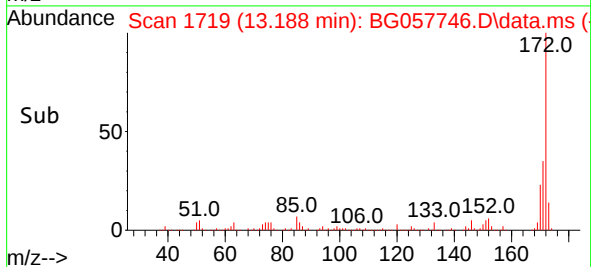
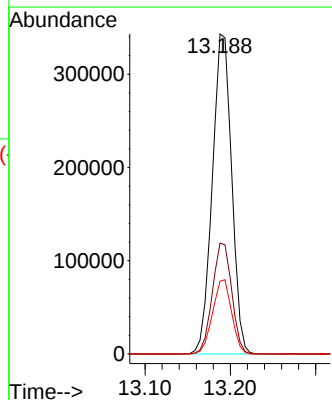
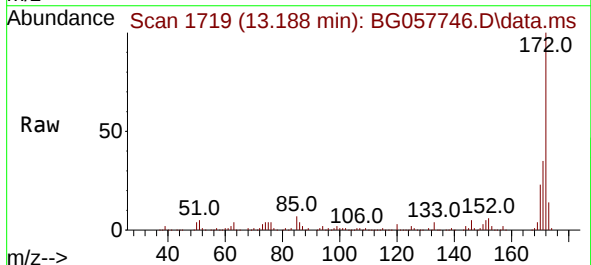
Tgt Ion:172 Resp: 540033

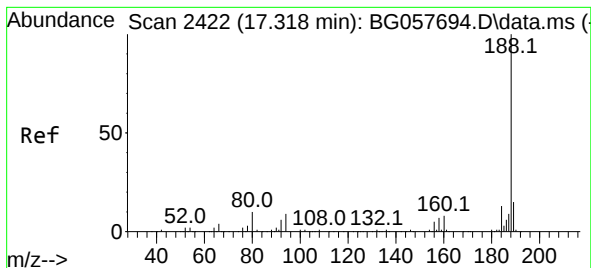
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 22.8 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.307 min Scan# 24

Delta R.T. -0.013 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

Instrument :

BNA_G

ClientSampleId :

MW-01-DUP

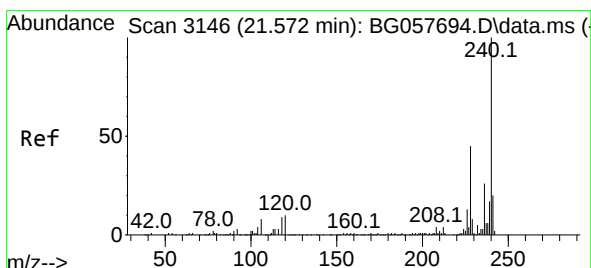
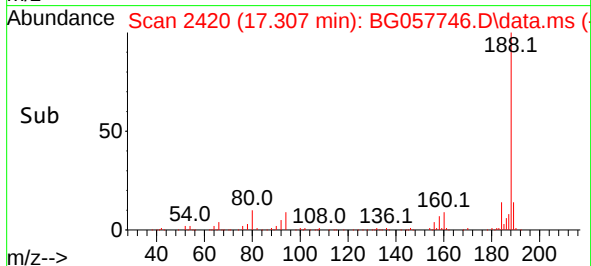
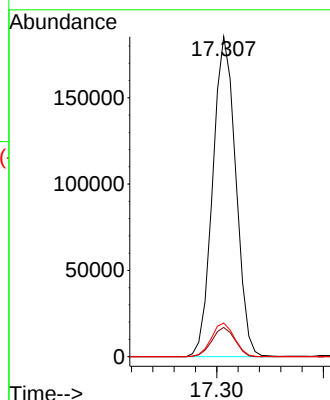
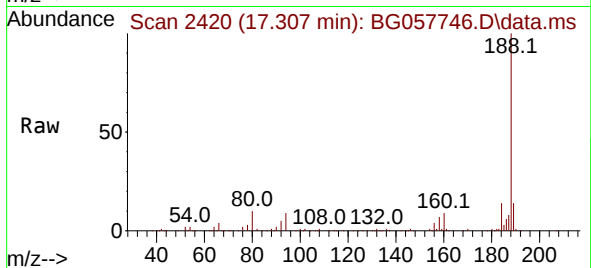
Tgt Ion:188 Resp: 278125

Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

80 10.5 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.560 min Scan# 3144

Delta R.T. -0.013 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

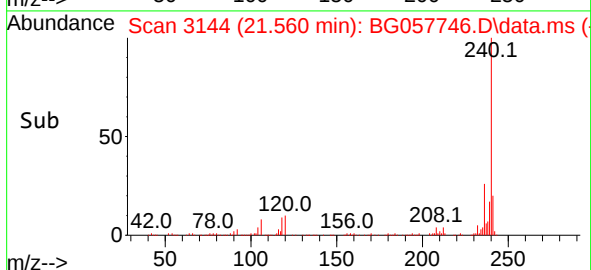
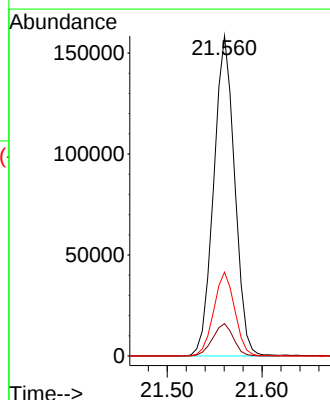
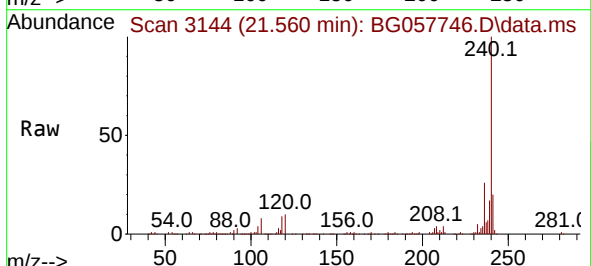
Tgt Ion:240 Resp: 243895

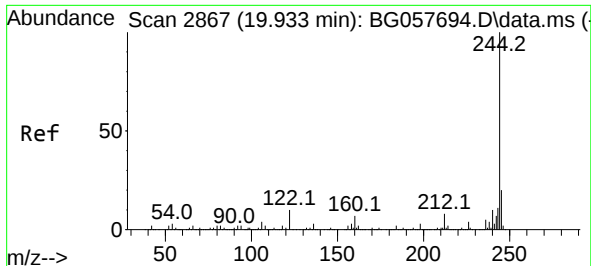
Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

236 26.2 20.7 31.1

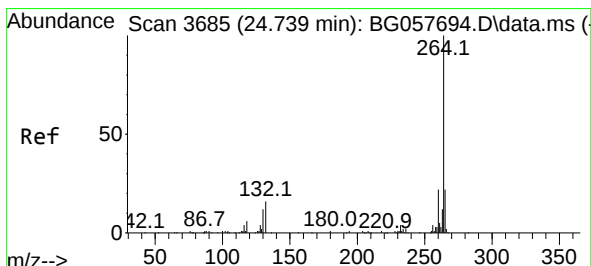
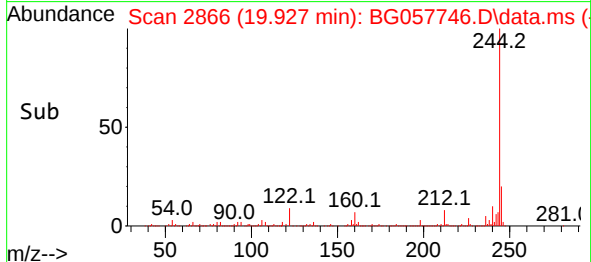
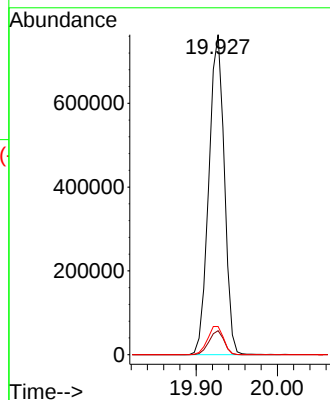
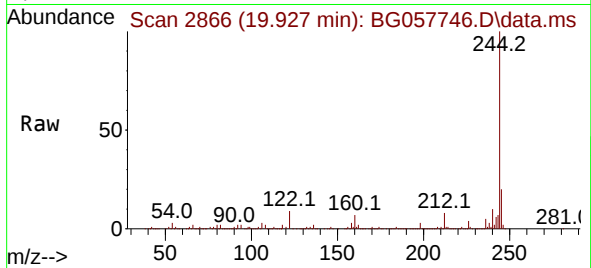




#79
 Terphenyl-d14
 Concen: 76.501 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057746.D
 Acq: 16 Jun 2023 22:56

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Tgt Ion:244 Resp: 1009172
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 3681
 Delta R.T. -0.019 min
 Lab File: BG057746.D
 Acq: 16 Jun 2023 22:56

Tgt Ion:264 Resp: 292346
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.3 25.9
 265 20.5 17.5 26.3

