

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057744.D
 Acq On : 16 Jun 2023 21:32
 Operator : CG/JU
 Sample : 03067-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DT-GW-1

Quant Time: Jun 17 04:00:10 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	7.929	152	46864	20.000	ng	-0.01
21) Naphthalene-d8	10.731	136	205685	20.000	ng	#-0.01
39) Acenaphthene-d10	14.568	164	125725	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	247888	20.000	ng	# 0.00
76) Chrysene-d12	21.566	240	246509	20.000	ng	0.00
86) Perylene-d12	24.721	264	315218	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	114481	39.776	ng	-0.01
7) Phenol-d6	7.083	99	108004	24.427	ng	-0.01
23) Nitrobenzene-d5	9.092	82	216516	68.707	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	123014	87.701	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	478147	56.689	ng	0.00
79) Terphenyl-d14	19.932	244	583324	43.750	ng	0.00

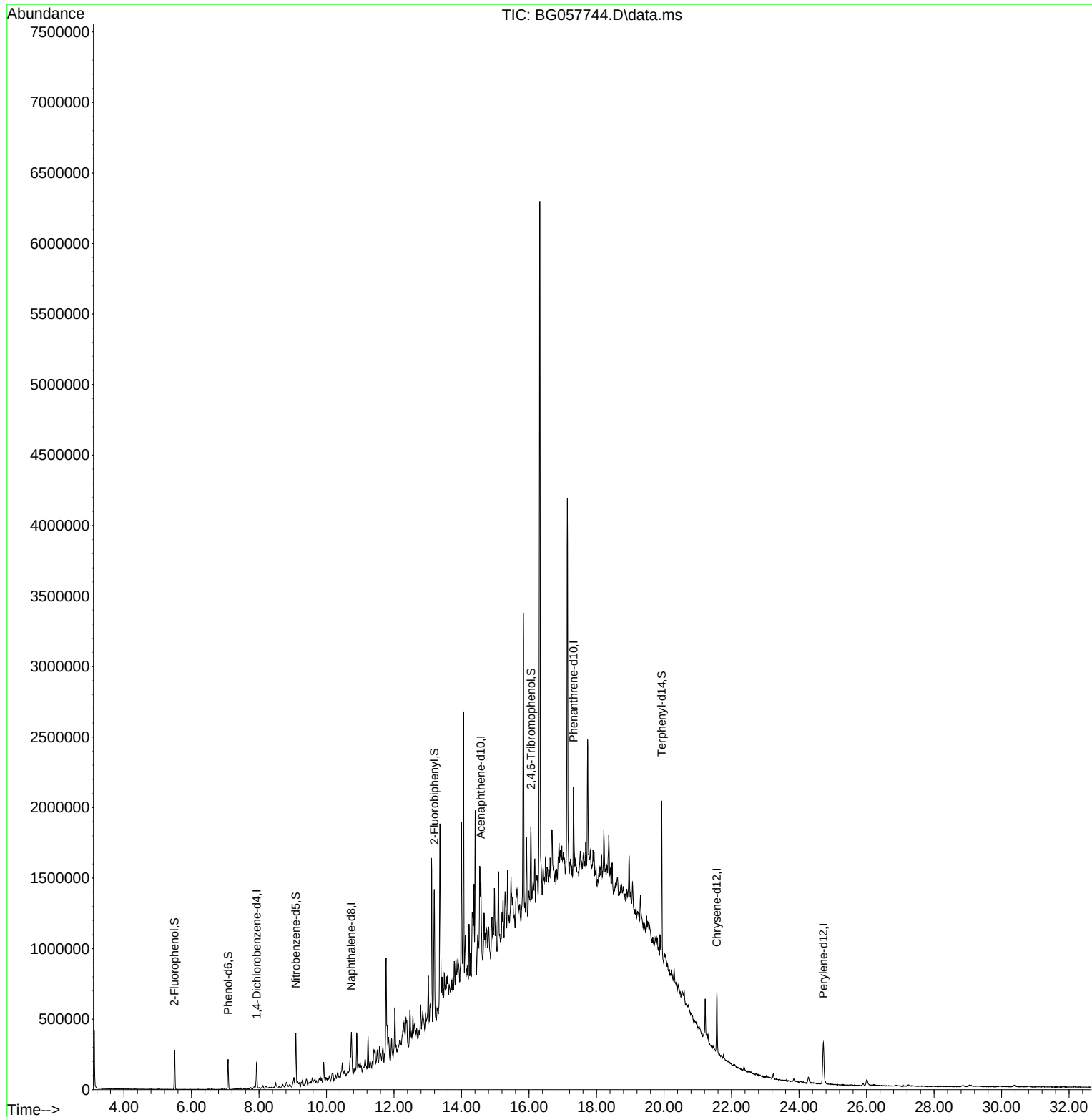
Target Compounds	Qvalue

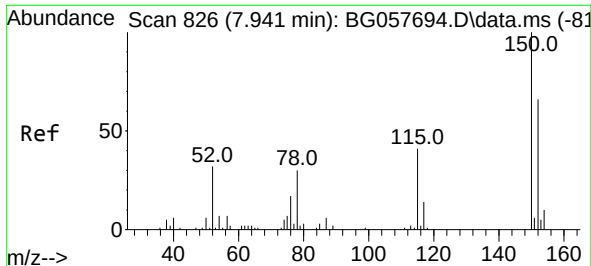
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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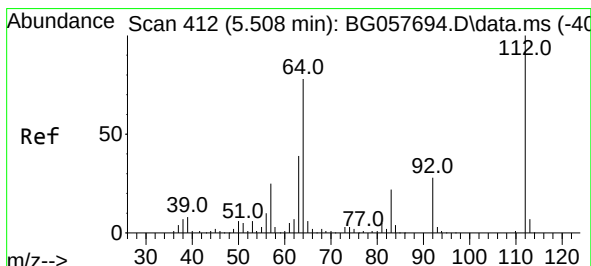
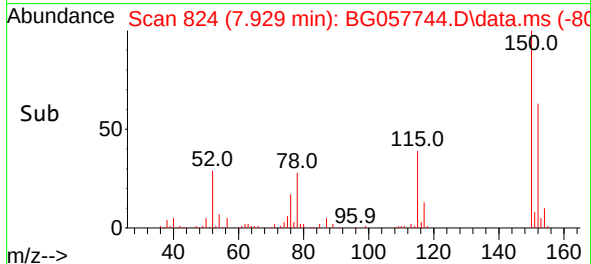
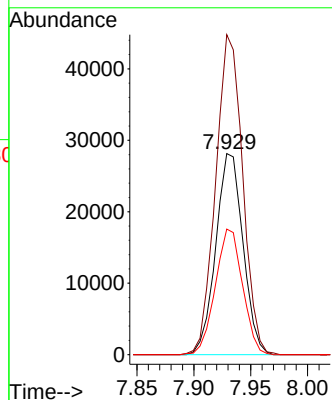
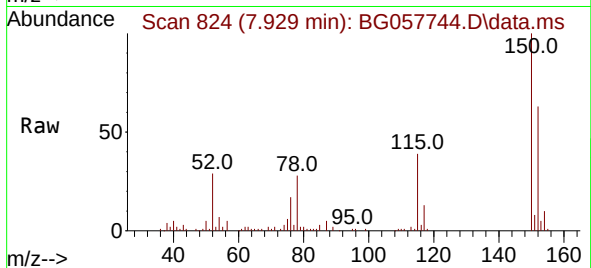




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG057744.D
Acq: 16 Jun 2023 21:32

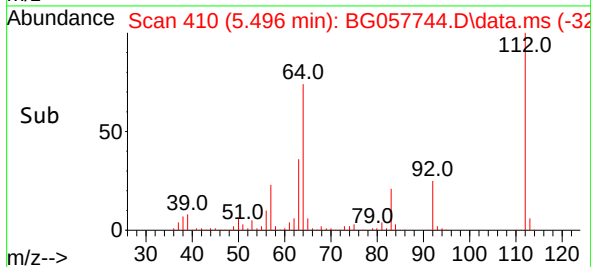
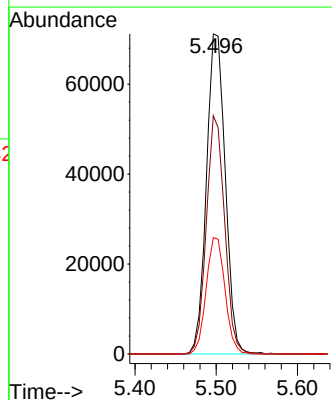
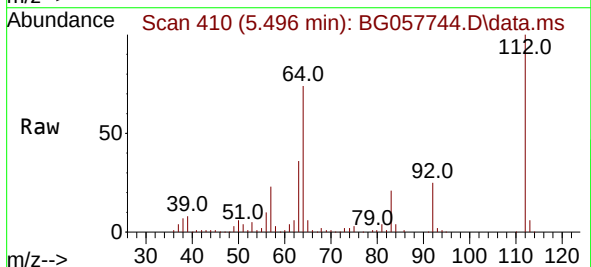
Instrument :
BNA_G
ClientSampleId :
DT-GW-1

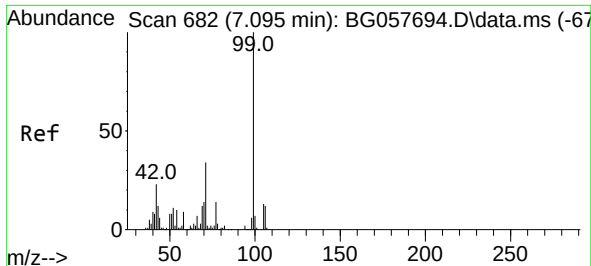
Tgt Ion:152 Resp: 46864
Ion Ratio Lower Upper
152 100
150 159.1 120.8 181.2
115 62.5 49.4 74.2



#5
2-Fluorophenol
Concen: 39.776 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.013 min
Lab File: BG057744.D
Acq: 16 Jun 2023 21:32

Tgt Ion:112 Resp: 114481
Ion Ratio Lower Upper
112 100
64 74.4 62.3 93.5
63 36.4 31.5 47.3

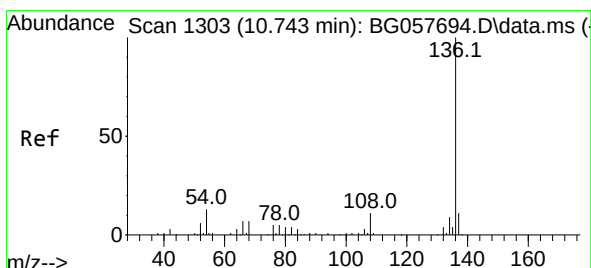
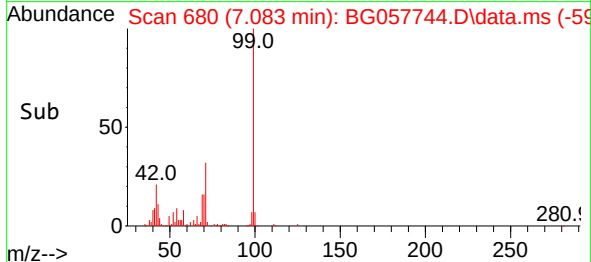
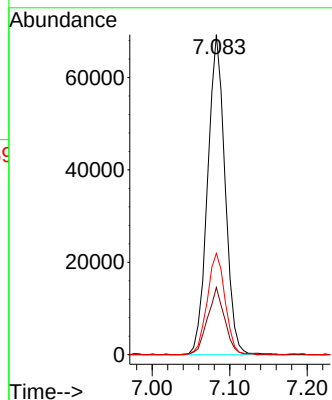
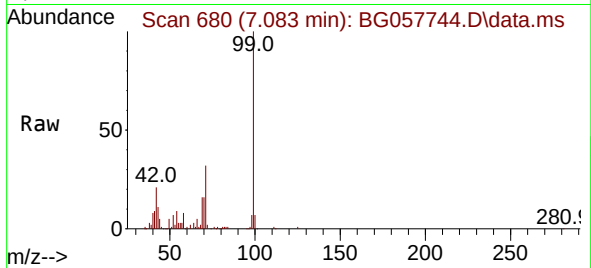




#7
Phenol-d6
Concen: 24.427 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057744.D
Acq: 16 Jun 2023 21:32

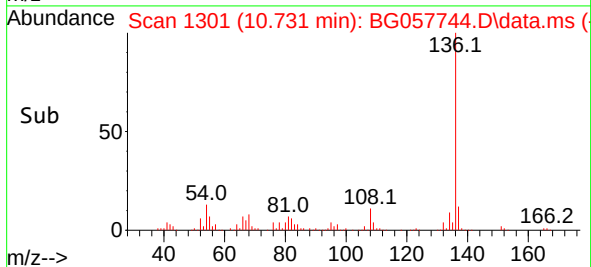
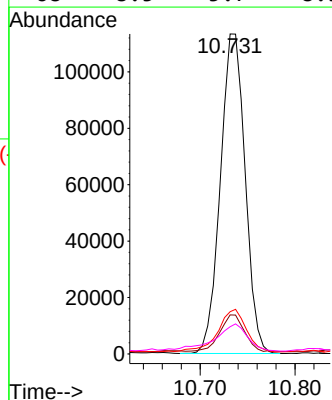
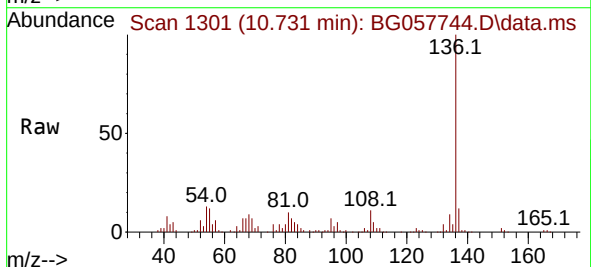
Instrument :
BNA_G
ClientSampleId :
DT-GW-1

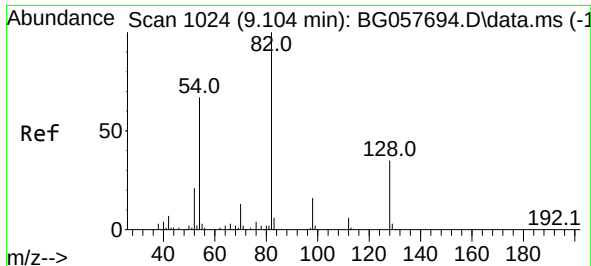
Tgt Ion: 99 Resp: 108004
Ion Ratio Lower Upper
99 100
42 21.0 18.3 27.5
71 31.7 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.013 min
Lab File: BG057744.D
Acq: 16 Jun 2023 21:32

Tgt Ion: 136 Resp: 205685
Ion Ratio Lower Upper
136 100
137 12.2 8.6 13.0
54 13.2 10.8 16.2
68 8.5 5.7 8.5#

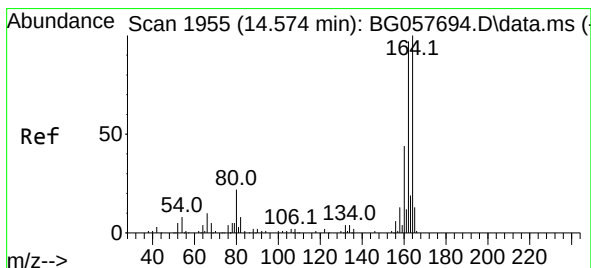
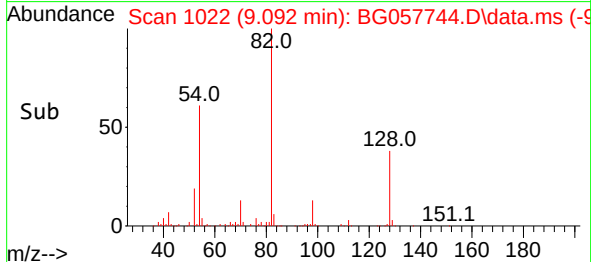
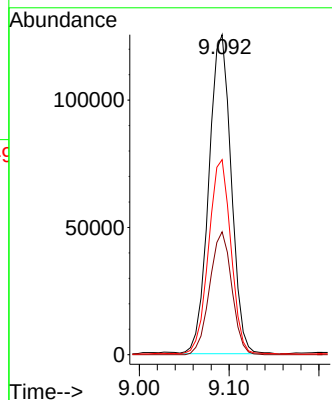
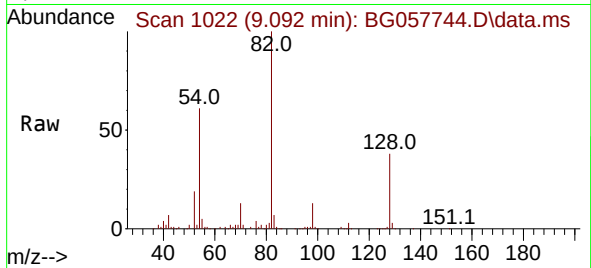




#23
Nitrobenzene-d5
Concen: 68.707 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057744.D
Acq: 16 Jun 2023 21:32

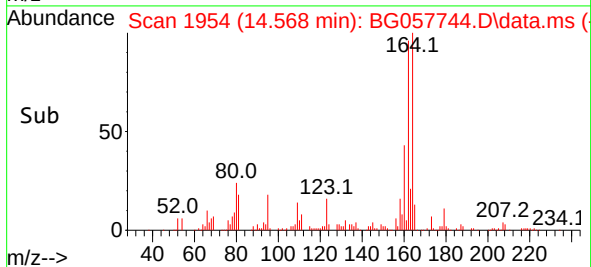
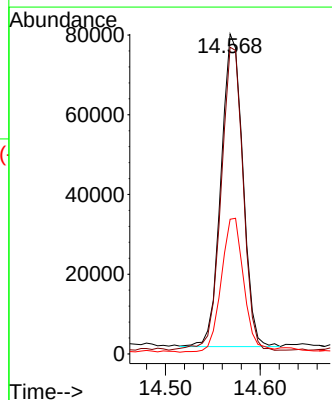
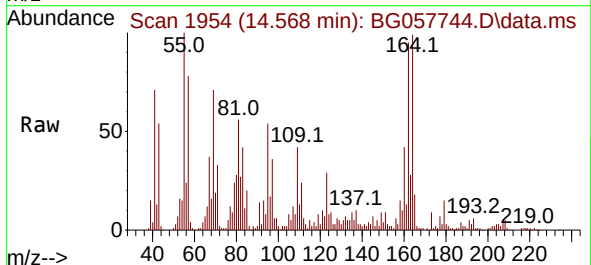
Instrument :
BNA_G
ClientSampleId :
DT-GW-1

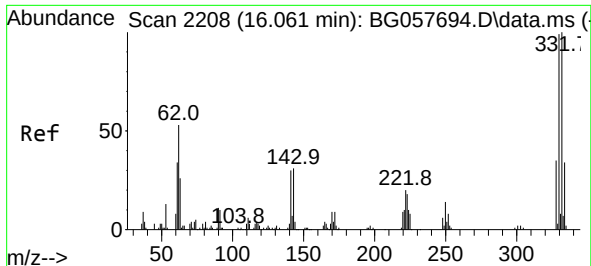
Tgt Ion: 82 Resp: 216516
Ion Ratio Lower Upper
82 100
128 38.4 27.7 41.5
54 60.9 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG057744.D
Acq: 16 Jun 2023 21:32

Tgt Ion:164 Resp: 125725
Ion Ratio Lower Upper
164 100
162 95.9 77.7 116.5
160 42.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 87.701 ng

RT: 16.060 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057744.D

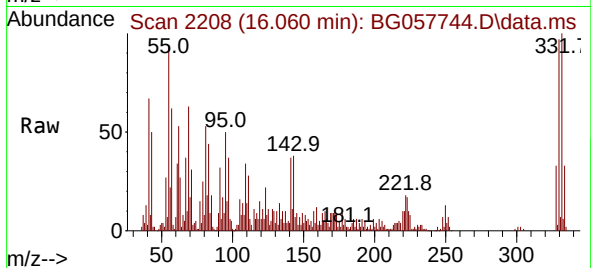
Acq: 16 Jun 2023 21:32

Instrument :

BNA_G

ClientSampleId :

DT-GW-1



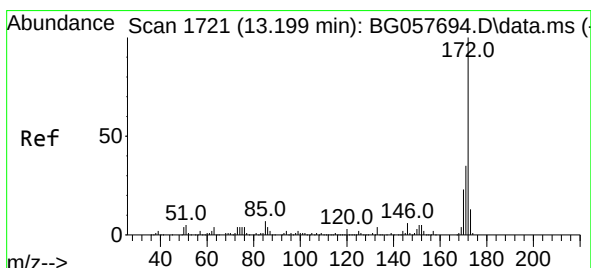
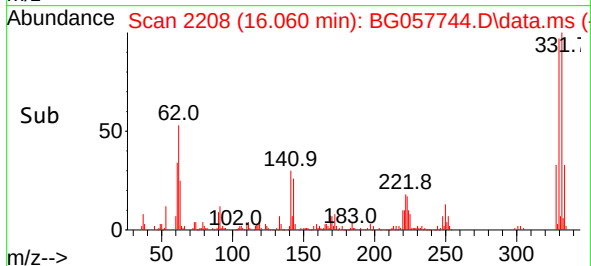
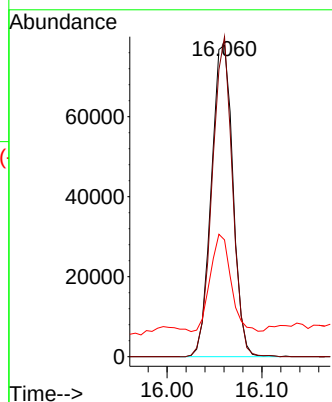
Tgt Ion:330 Resp: 123014

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.6

141 29.8 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 56.689 ng

RT: 13.193 min Scan# 1720

Delta R.T. -0.007 min

Lab File: BG057744.D

Acq: 16 Jun 2023 21:32

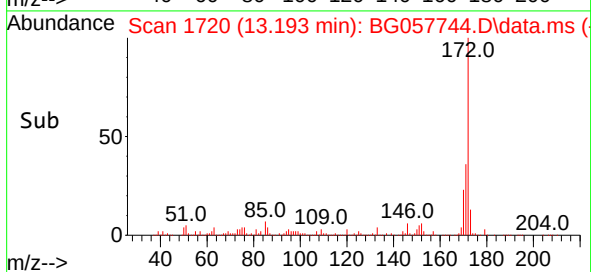
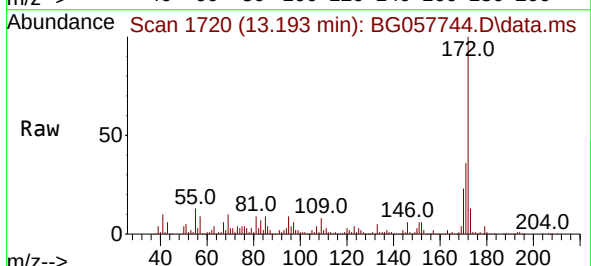
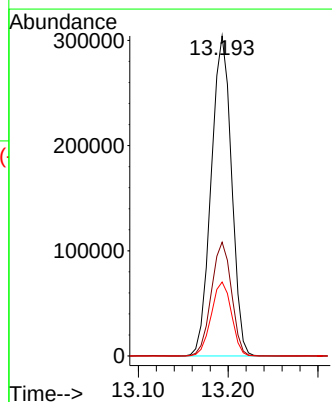
Tgt Ion:172 Resp: 478147

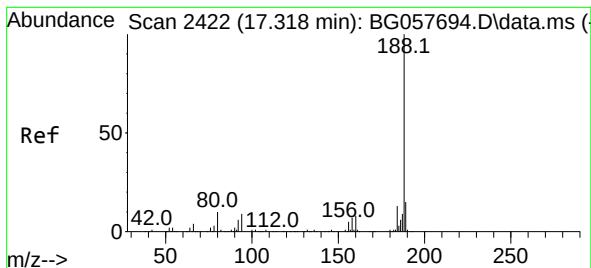
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 23.1 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG057744.D

Acq: 16 Jun 2023 21:32

Instrument :

BNA_G

ClientSampleId :

DT-GW-1

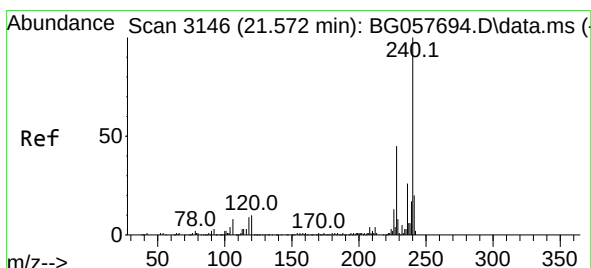
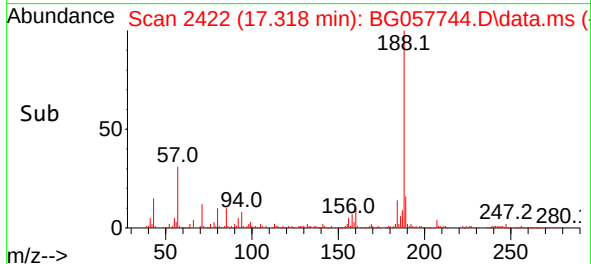
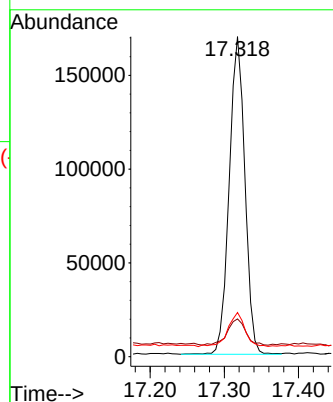
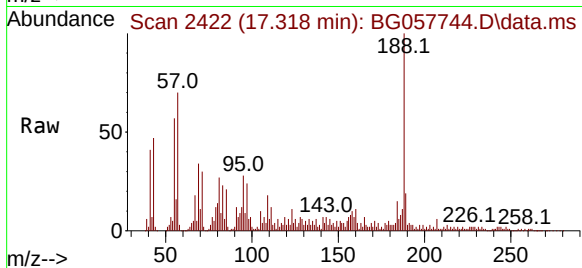
Tgt Ion:188 Resp: 247888

Ion Ratio Lower Upper

188 100

94 11.8 6.9 10.3#

80 13.8 8.2 12.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.566 min Scan# 3145

Delta R.T. -0.007 min

Lab File: BG057744.D

Acq: 16 Jun 2023 21:32

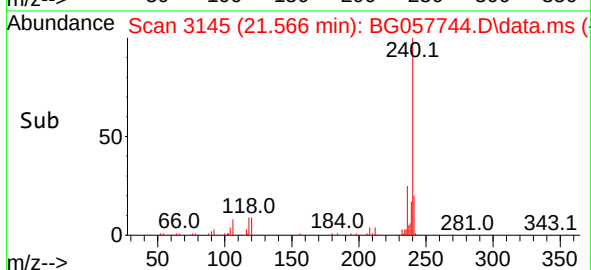
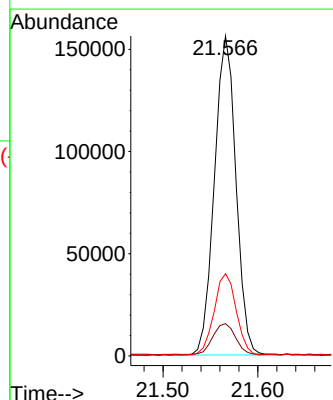
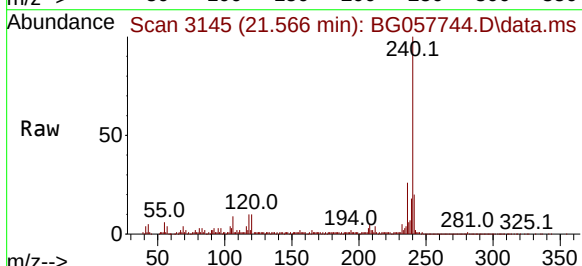
Tgt Ion:240 Resp: 246509

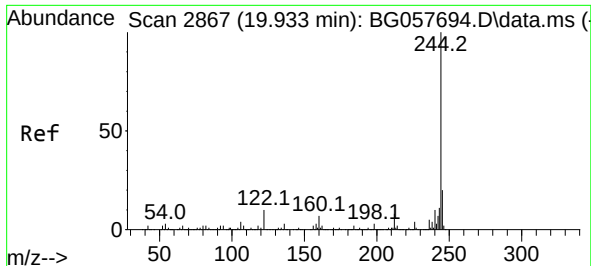
Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

236 25.7 20.7 31.1

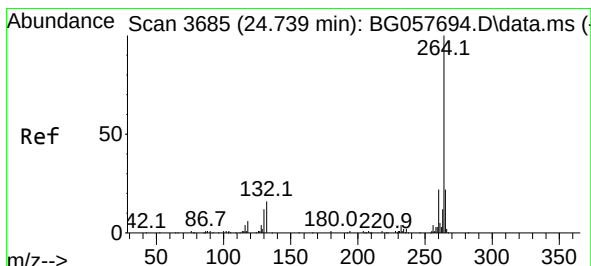
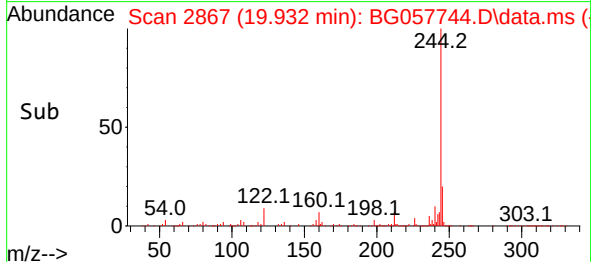
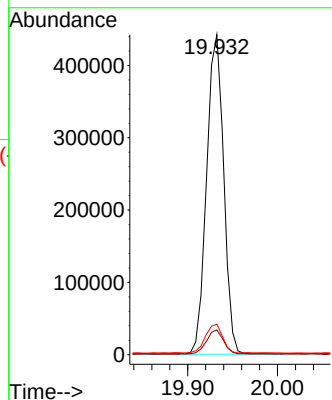
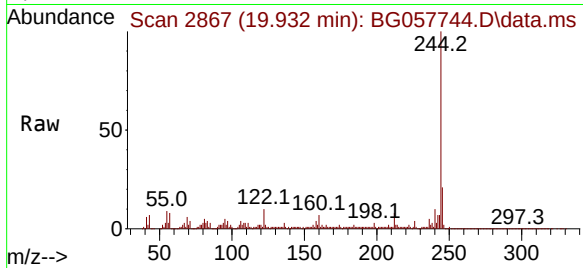




#79
 Terphenyl-d14
 Concen: 43.750 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057744.D
 Acq: 16 Jun 2023 21:32

Instrument :
 BNA_G
 ClientSampleId :
 DT-GW-1

Tgt Ion:244 Resp: 583324
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 9.6 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.721 min Scan# 3682
 Delta R.T. -0.013 min
 Lab File: BG057744.D
 Acq: 16 Jun 2023 21:32

Tgt Ion:264 Resp: 315218
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.3 25.9
 265 22.8 17.5 26.3

