

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057736.D
 Acq On : 16 Jun 2023 15:54
 Operator : CG/JU
 Sample : PB153486BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153486BL

Quant Time: Jun 17 03:56:09 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	25296	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	115679	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	84063	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	222577	20.000	ng	-0.01
76) Chrysene-d12	21.561	240	212893	20.000	ng	-0.01
86) Perylene-d12	24.716	264	248658	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	256425	165.060	ng	0.00
7) Phenol-d6	7.089	99	362874	152.047	ng	0.00
23) Nitrobenzene-d5	9.093	82	196779	102.085	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	157769	168.223	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	496764	88.086	ng	-0.01
79) Terphenyl-d14	19.927	244	1038872	90.220	ng	0.00

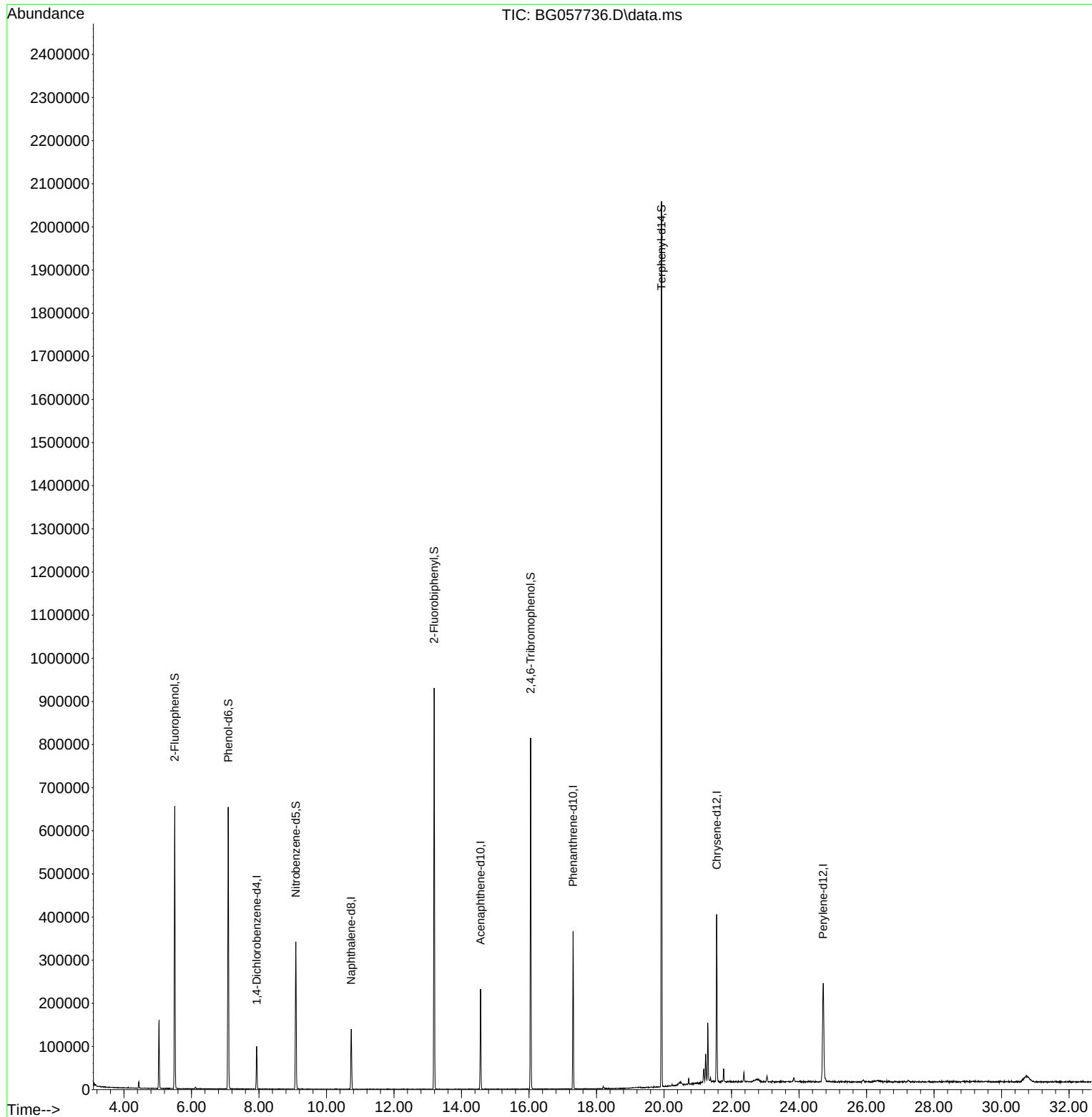
Target Compounds	Qvalue

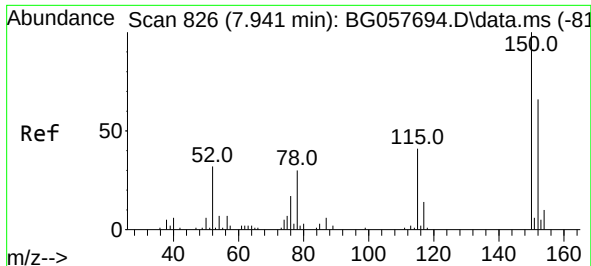
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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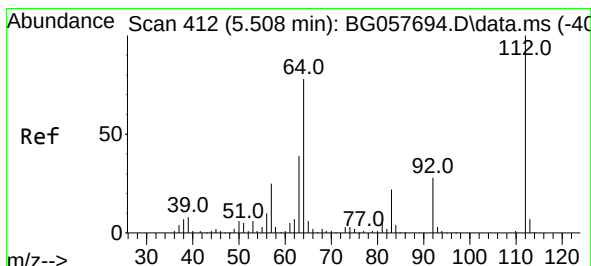
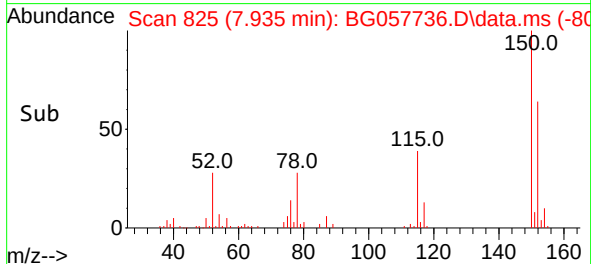
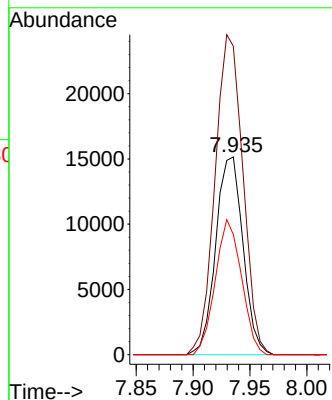
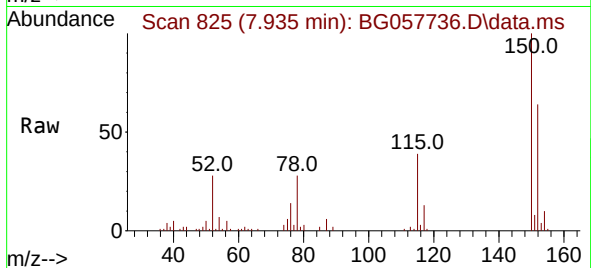




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

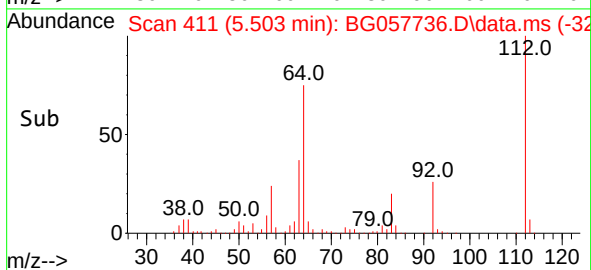
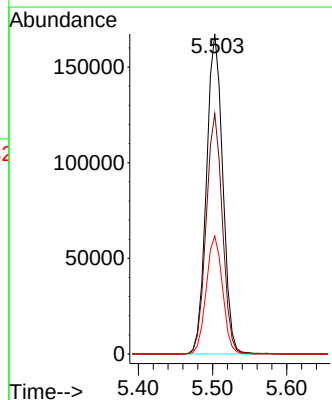
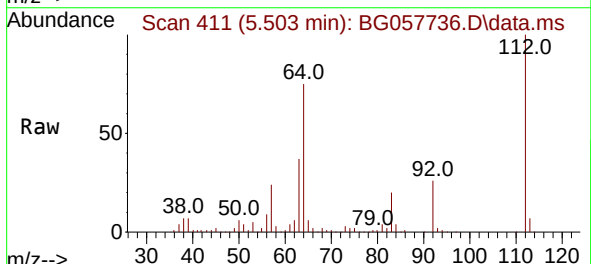
Instrument :
BNA_G
ClientSampleId :
PB153486BL

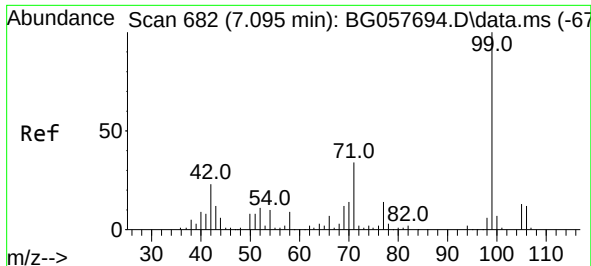
Tgt Ion:152 Resp: 25296
Ion Ratio Lower Upper
152 100
150 156.0 120.8 181.2
115 60.9 49.4 74.2



#5
2-Fluorophenol
Concen: 165.060 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Tgt Ion:112 Resp: 256425
Ion Ratio Lower Upper
112 100
64 75.1 62.3 93.5
63 36.9 31.5 47.3

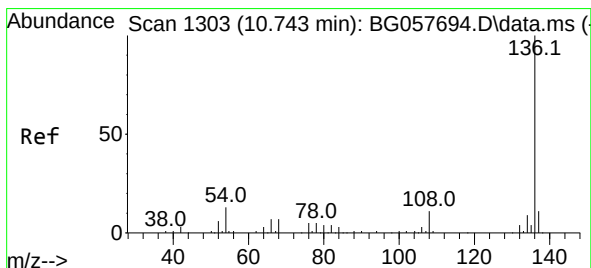
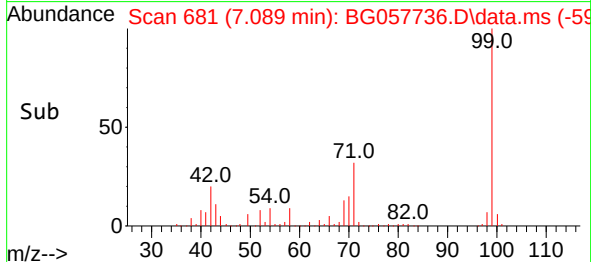
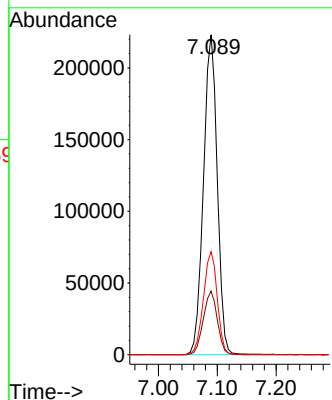
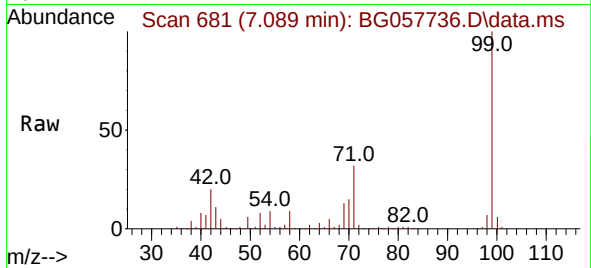




#7
Phenol-d6
Concen: 152.047 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

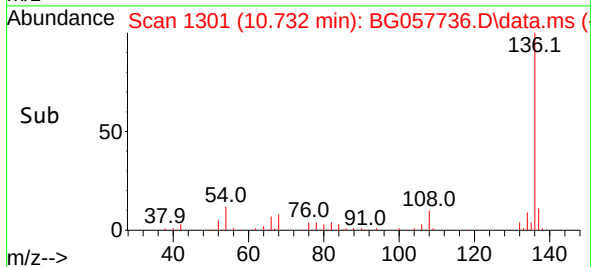
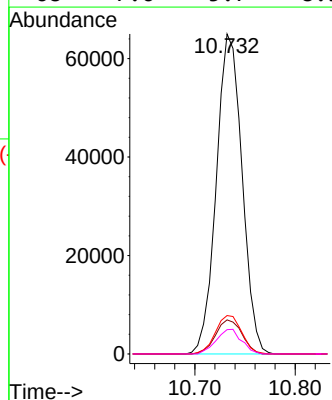
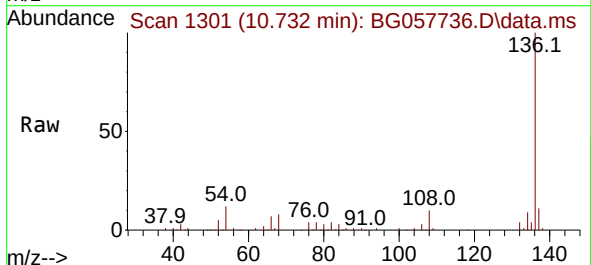
Instrument :
BNA_G
ClientSampleId :
PB153486BL

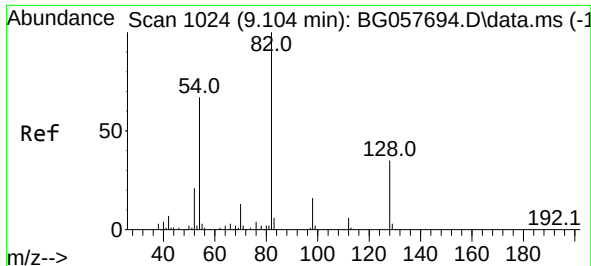
Tgt Ion: 99 Resp: 362874
Ion Ratio Lower Upper
99 100
42 19.9 18.3 27.5
71 32.2 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.013 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Tgt Ion: 136 Resp: 115679
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 12.0 10.8 16.2
68 7.6 5.7 8.5





#23

Nitrobenzene-d5

Concen: 102.085 ng

RT: 9.093 min Scan# 1022

Delta R.T. -0.007 min

Lab File: BG057736.D

Acq: 16 Jun 2023 15:54

Instrument :

BNA_G

ClientSampleId :

PB153486BL

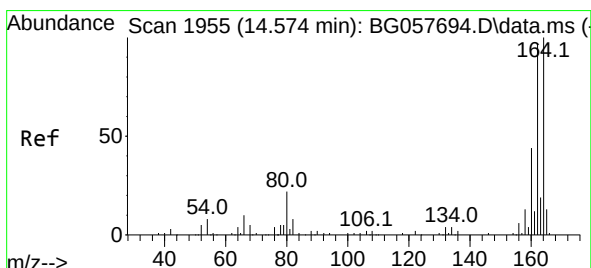
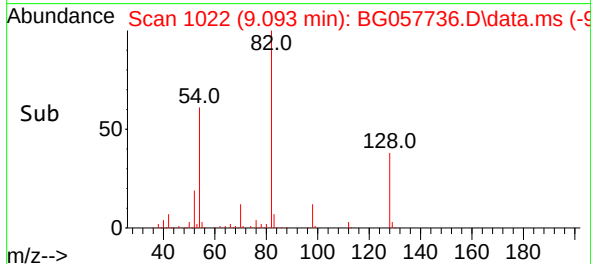
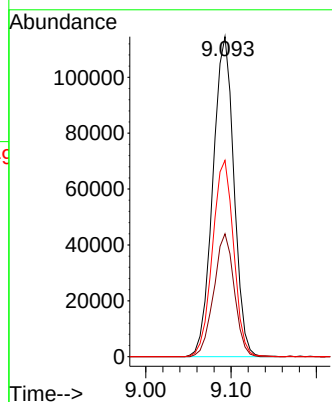
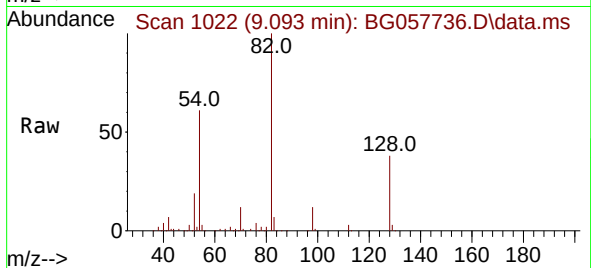
Tgt Ion: 82 Resp: 196779

Ion Ratio Lower Upper

82 100

128 38.4 27.7 41.5

54 61.4 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: BG057736.D

Acq: 16 Jun 2023 15:54

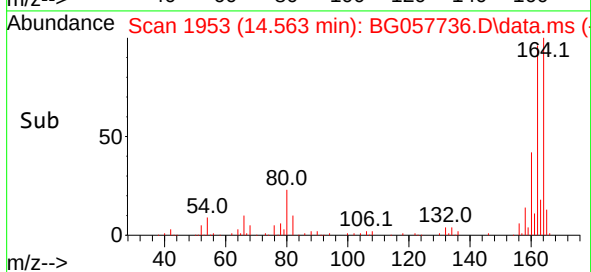
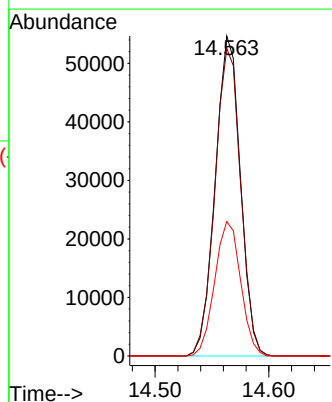
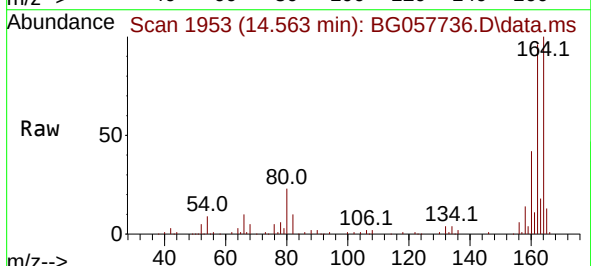
Tgt Ion:164 Resp: 84063

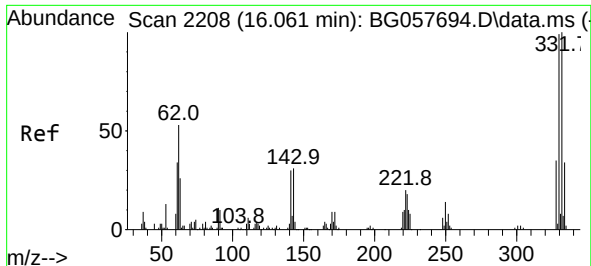
Ion Ratio Lower Upper

164 100

162 96.1 77.7 116.5

160 42.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 168.223 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG057736.D

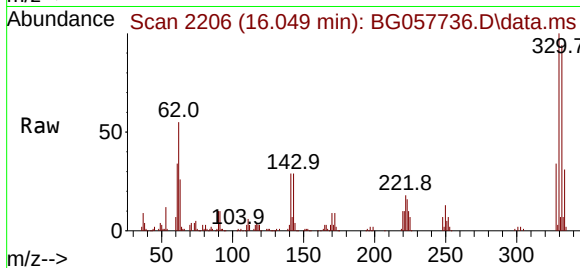
Acq: 16 Jun 2023 15:54

Instrument :

BNA_G

ClientSampleId :

PB153486BL



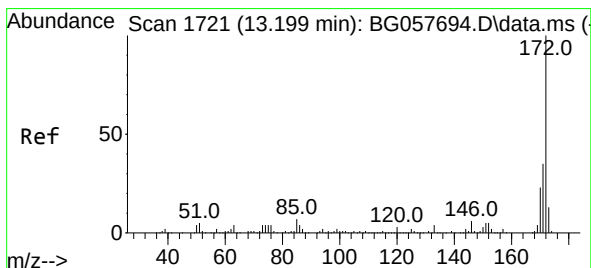
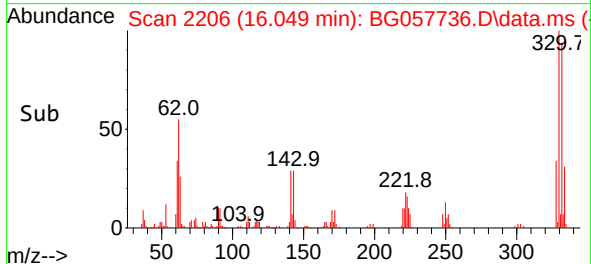
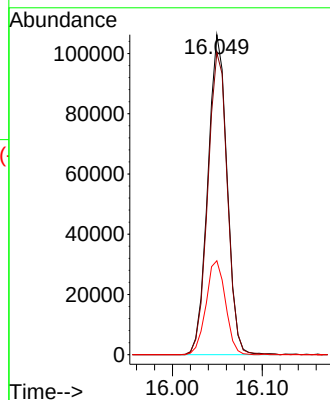
Tgt Ion:330 Resp: 157769

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.6

141 29.7 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 88.086 ng

RT: 13.188 min Scan# 1719

Delta R.T. -0.013 min

Lab File: BG057736.D

Acq: 16 Jun 2023 15:54

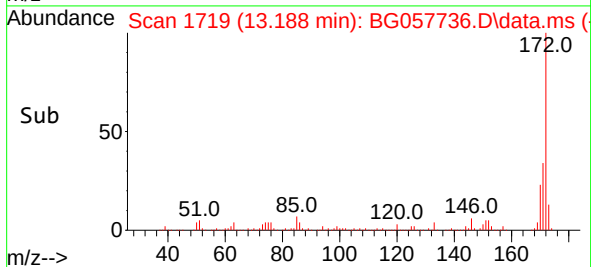
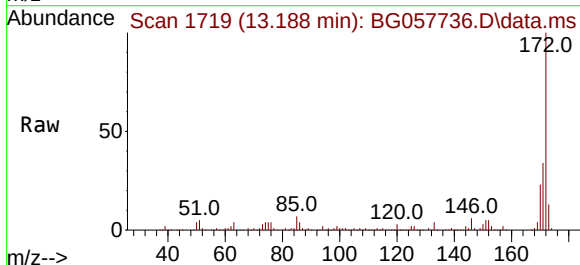
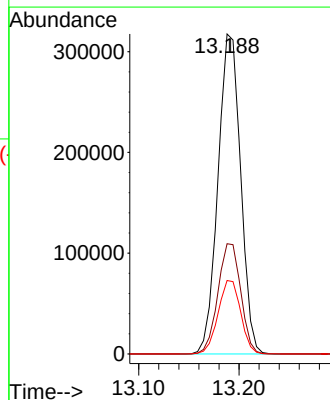
Tgt Ion:172 Resp: 496764

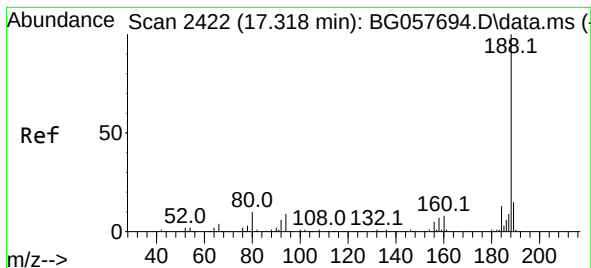
Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

170 22.9 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: BG057736.D

Acq: 16 Jun 2023 15:54

Instrument :

BNA_G

ClientSampleId :

PB153486BL

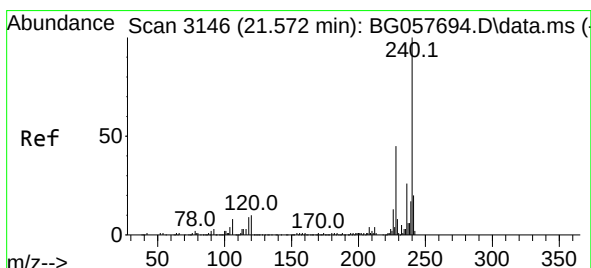
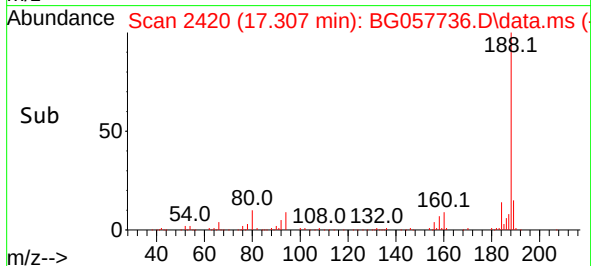
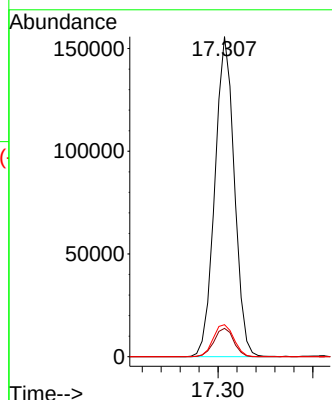
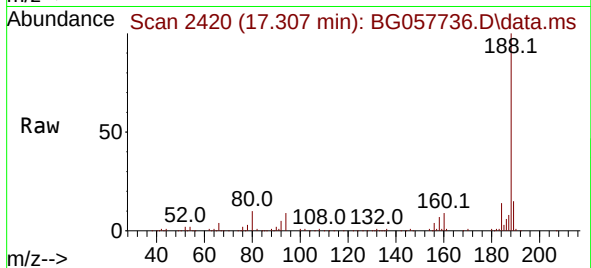
Tgt Ion:188 Resp: 222577

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 10.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.561 min Scan# 3144

Delta R.T. -0.013 min

Lab File: BG057736.D

Acq: 16 Jun 2023 15:54

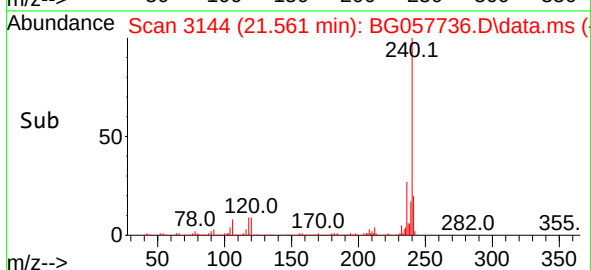
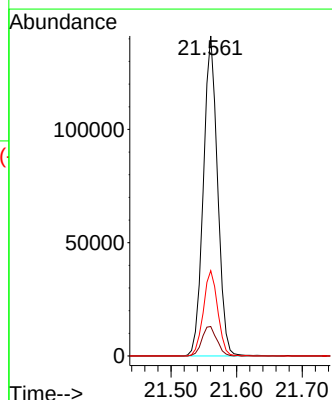
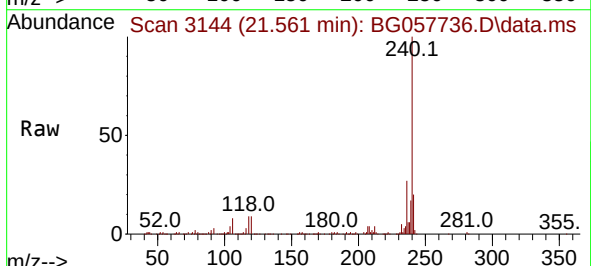
Tgt Ion:240 Resp: 212893

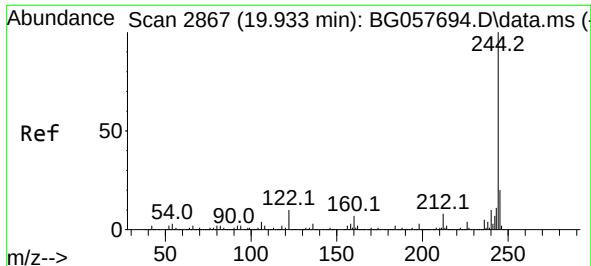
Ion Ratio Lower Upper

240 100

120 9.2 8.1 12.1

236 26.6 20.7 31.1

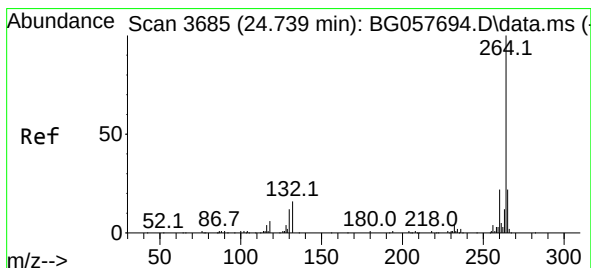
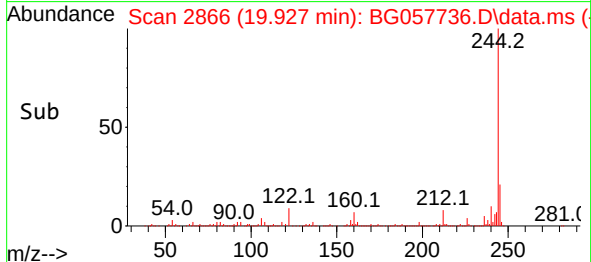
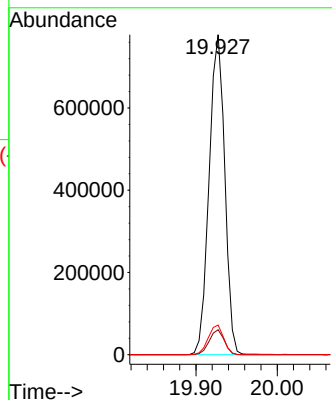
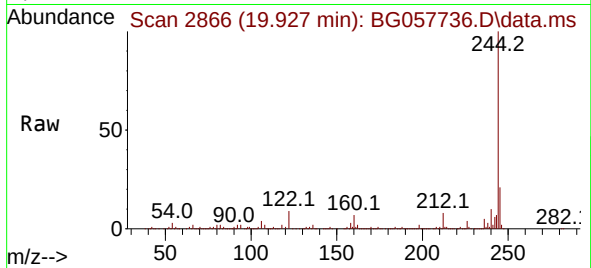




#79
Terphenyl-d14
Concen: 90.220 ng
RT: 19.927 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Instrument :
BNA_G
ClientSampleId :
PB153486BL

Tgt Ion:244 Resp: 1038872
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 9.3 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.716 min Scan# 3681
Delta R.T. -0.018 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Tgt Ion:264 Resp: 248658
Ion Ratio Lower Upper
264 100
260 23.2 17.3 25.9
265 22.7 17.5 26.3

