

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058629.D
 Acq On : 7 Aug 2023 16:18
 Operator : MA/JU
 Sample : 03862-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EQUIPMENT-BLANK-1

Quant Time: Aug 07 17:20:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	36348	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	167878	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	129243	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	340007	20.000	ng	0.00
76) Chrysene-d12	21.444	240	307095	20.000	ng	0.00
86) Perylene-d12	24.517	264	315225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	142242	59.814	ng	0.00
7) Phenol-d6	6.985	99	121814	36.812	ng	0.00
23) Nitrobenzene-d5	8.976	82	318676	93.253	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	283925	134.029	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	781424	90.607	ng	0.00
79) Terphenyl-d14	19.828	244	1401831	85.843	ng	0.00

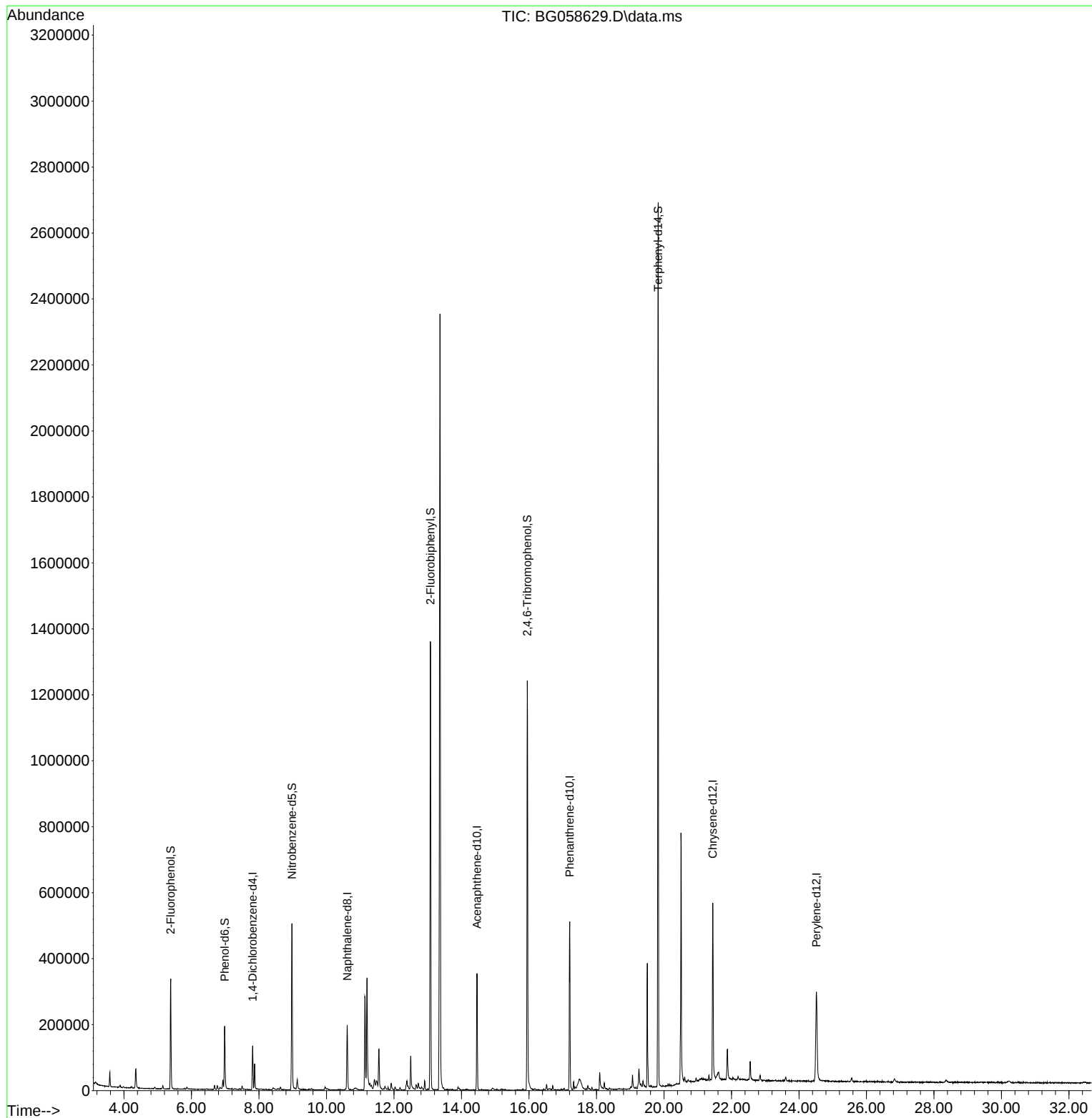
Target Compounds	Qvalue

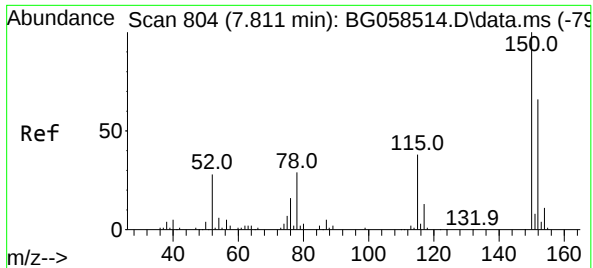
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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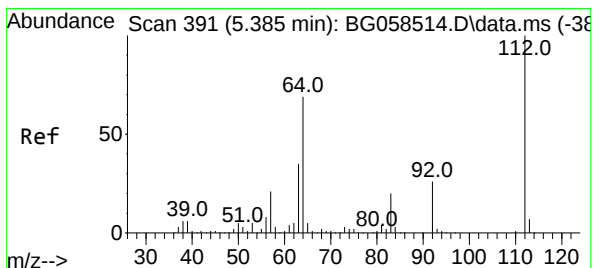
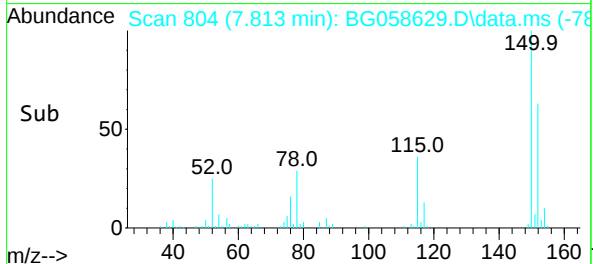
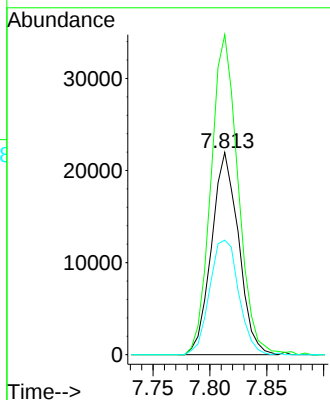
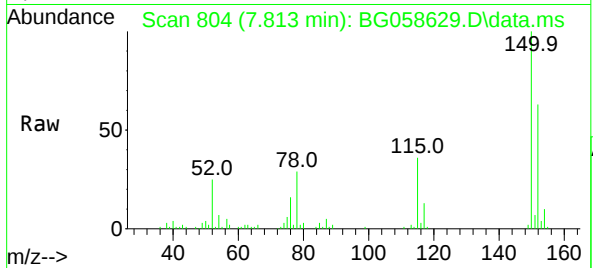




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

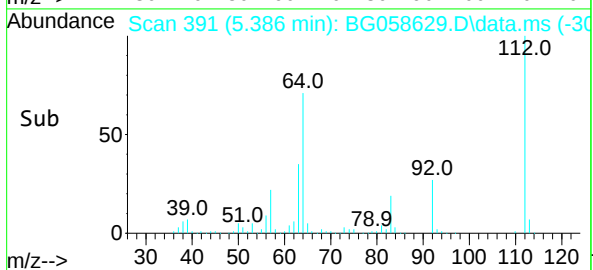
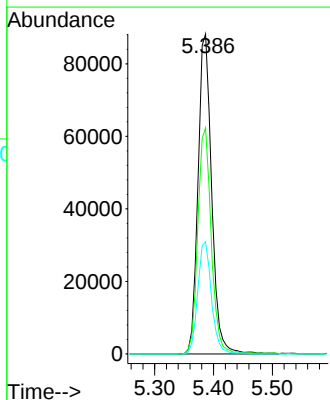
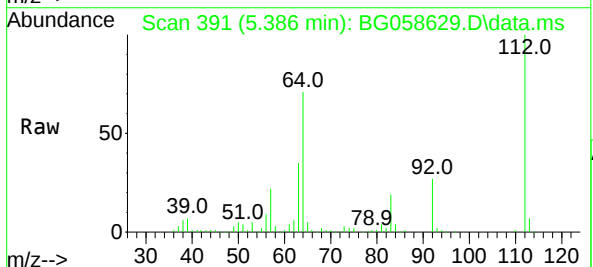
Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-1

Tgt Ion:152 Resp: 36348
Ion Ratio Lower Upper
152 100
150 158.3 120.5 180.7
115 56.7 45.9 68.9



#5
2-Fluorophenol
Concen: 59.814 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

Tgt Ion:112 Resp: 142242
Ion Ratio Lower Upper
112 100
64 70.6 55.3 82.9
63 35.1 28.3 42.5

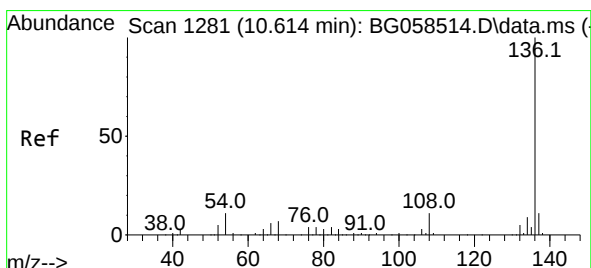
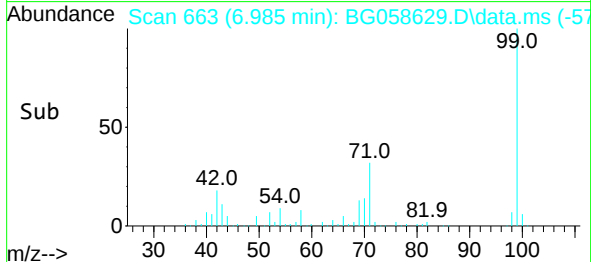
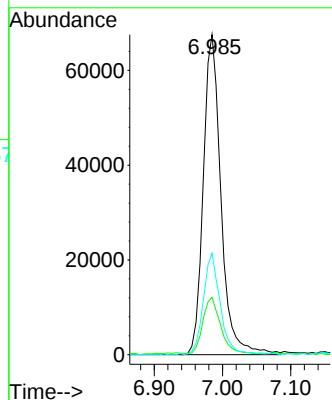
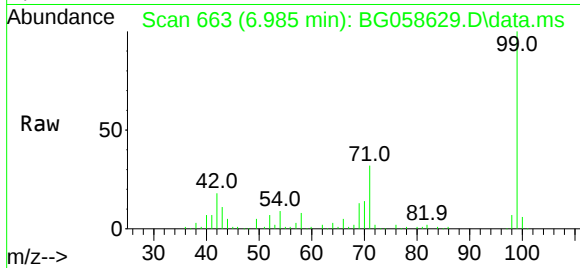




#7
Phenol-d6
Concen: 36.812 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

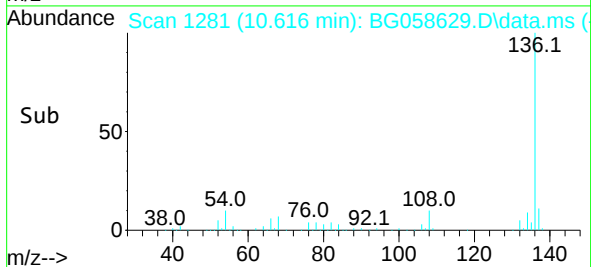
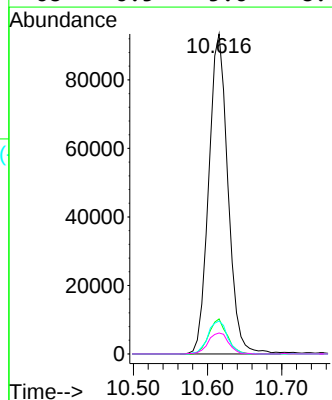
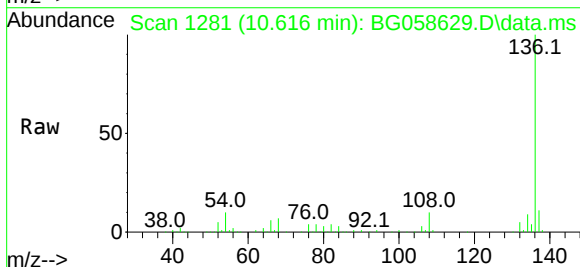
Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-1

Tgt Ion: 99 Resp: 121814
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 31.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1281
Delta R.T. 0.002 min
Lab File: BG058629.D
Acq: 7 Aug 2023 16:18

Tgt Ion: 136 Resp: 167878
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.9 13.3
68 6.5 5.6 8.4





#23

Nitrobenzene-d5

Concen: 93.253 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058629.D

Acq: 7 Aug 2023 16:18

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK-1

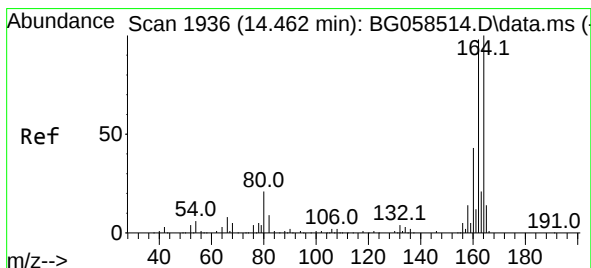
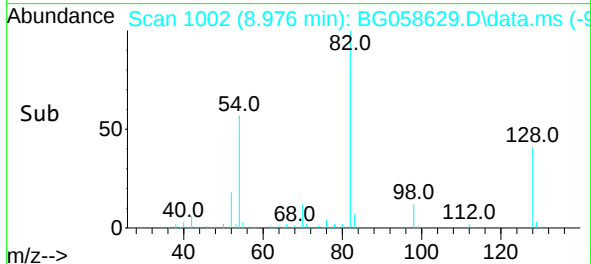
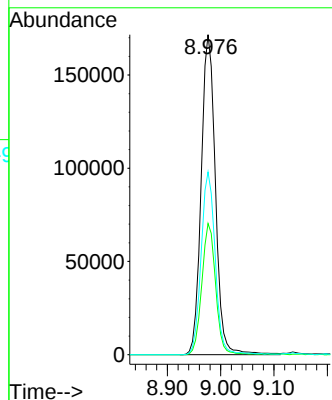
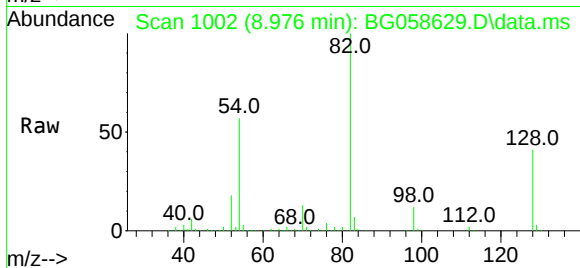
Tgt Ion: 82 Resp: 318676

Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.2

54 57.1 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.004 min

Lab File: BG058629.D

Acq: 7 Aug 2023 16:18

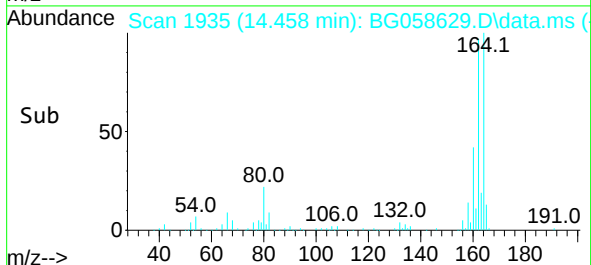
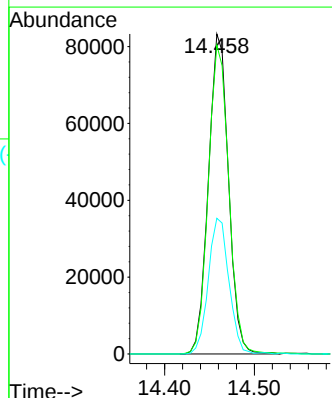
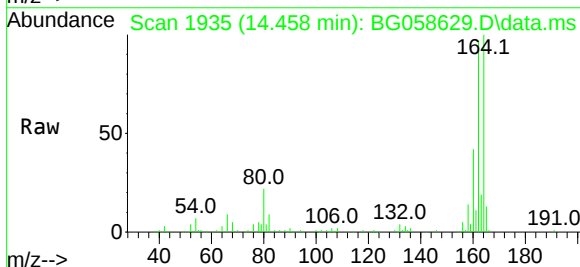
Tgt Ion: 164 Resp: 129243

Ion Ratio Lower Upper

164 100

162 96.5 78.3 117.5

160 42.4 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 134.029 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058629.D

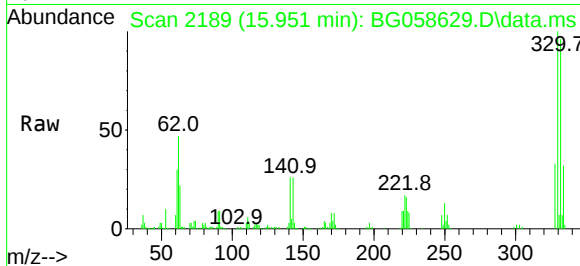
Acq: 7 Aug 2023 16:18

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK-1



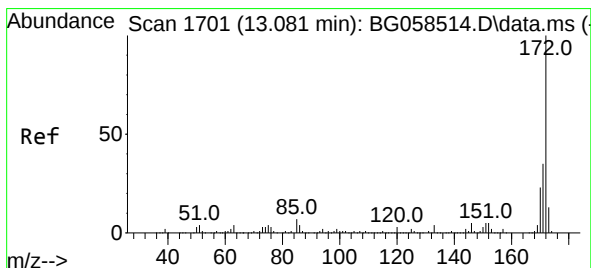
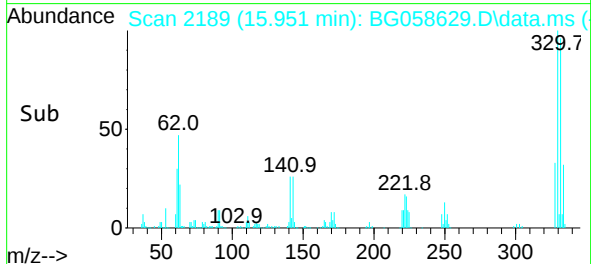
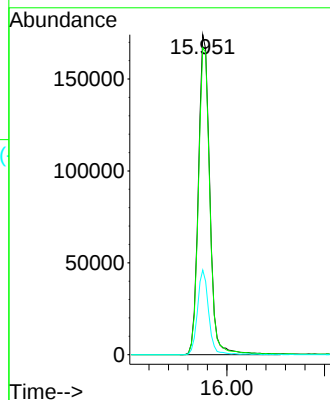
Tgt Ion:330 Resp: 283925

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 25.8 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 90.607 ng

RT: 13.083 min Scan# 1701

Delta R.T. 0.002 min

Lab File: BG058629.D

Acq: 7 Aug 2023 16:18

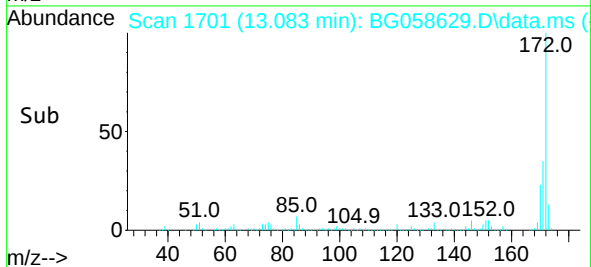
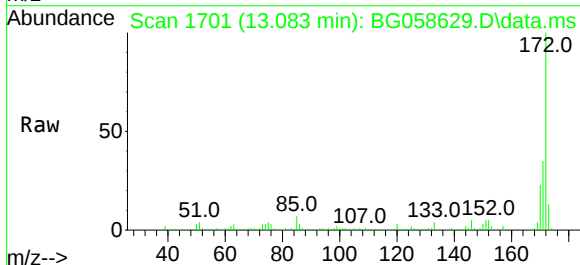
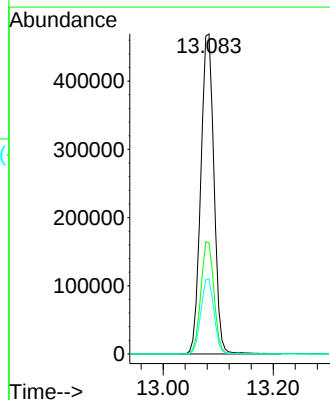
Tgt Ion:172 Resp: 781424

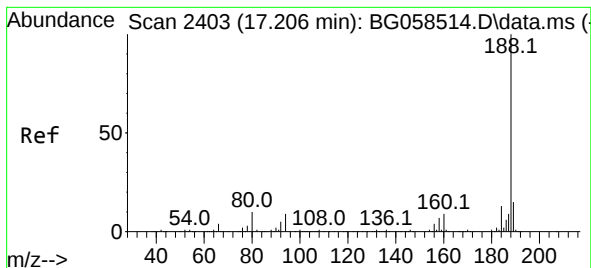
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.4 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.208 min Scan# 2403

Delta R.T. 0.002 min

Lab File: BG058629.D

Acq: 7 Aug 2023 16:18

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK-1

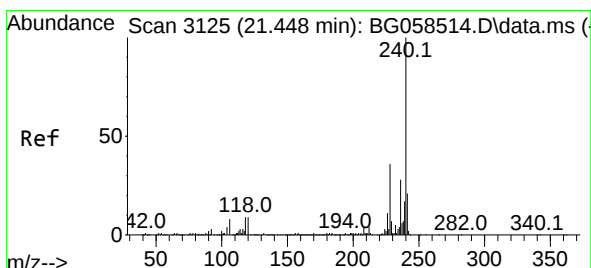
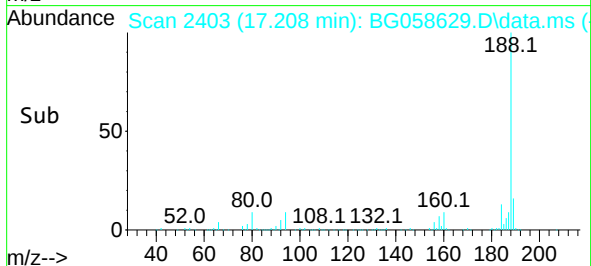
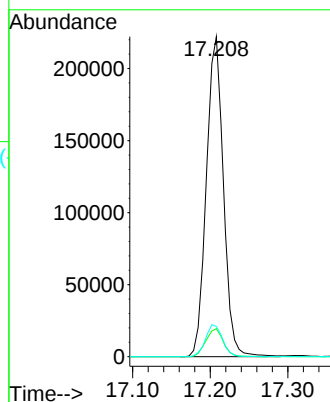
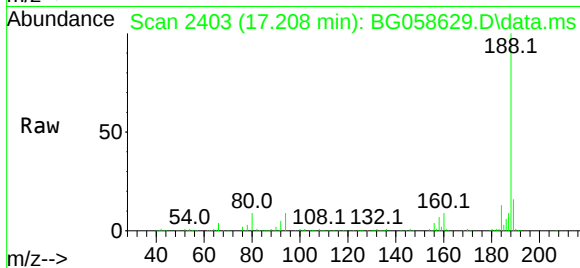
Tgt Ion:188 Resp: 340007

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3124

Delta R.T. -0.004 min

Lab File: BG058629.D

Acq: 7 Aug 2023 16:18

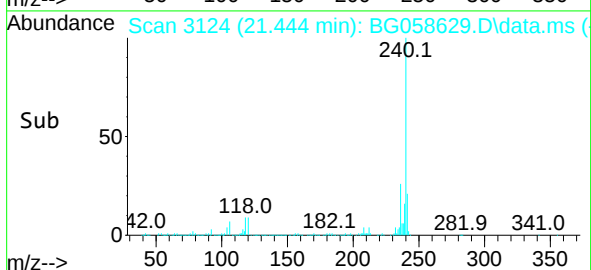
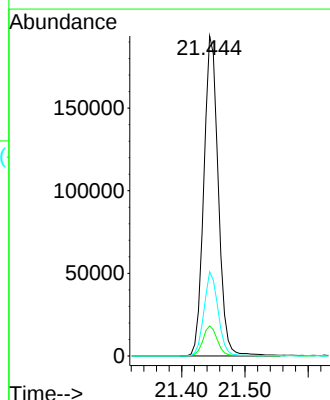
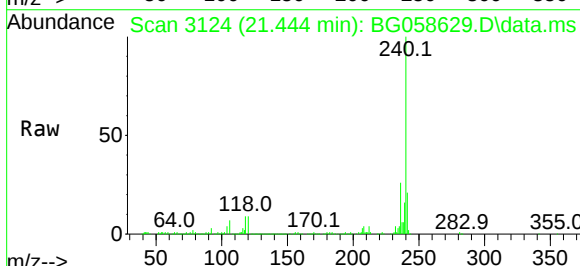
Tgt Ion:240 Resp: 307095

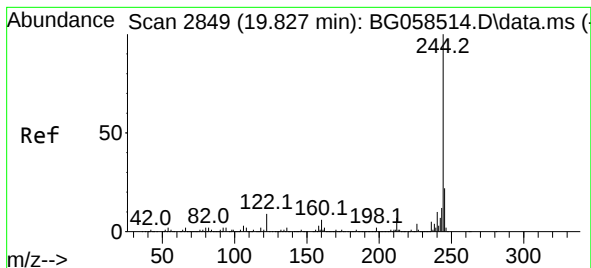
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.3 22.2 33.4





#79

Terphenyl-d14

Concen: 85.843 ng

RT: 19.828 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG058629.D

Acq: 7 Aug 2023 16:18

Instrument :

BNA_G

ClientSampleId :

EQUIPMENT-BLANK-1

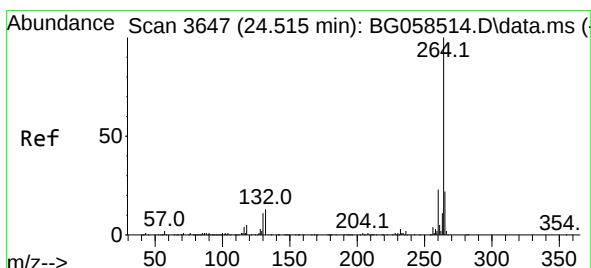
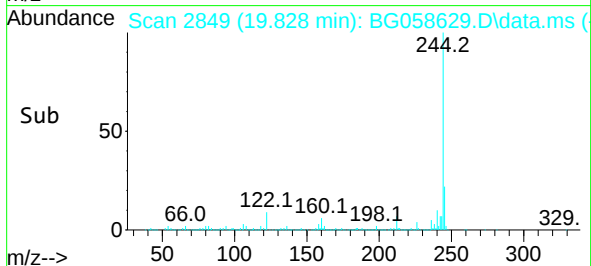
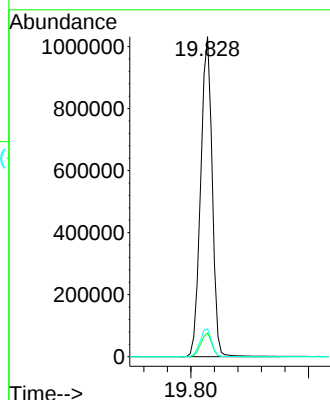
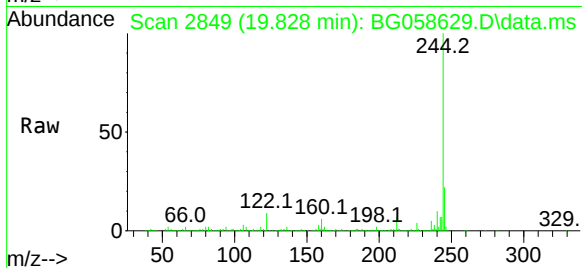
Tgt Ion:244 Resp: 1401831

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 8.7 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.517 min Scan# 3647

Delta R.T. 0.002 min

Lab File: BG058629.D

Acq: 7 Aug 2023 16:18

Tgt Ion:264 Resp: 315225

Ion Ratio Lower Upper

264 100

260 22.0 18.4 27.6

265 21.6 17.9 26.9

