

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058591.D
 Acq On : 3 Aug 2023 13:37
 Operator : MA/JU
 Sample : 03815-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-21-(0-5)

Quant Time: Aug 03 14:11:29 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	7.809	152	42861	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	181328	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	128107	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	287672	20.000	ng	0.00
76) Chrysene-d12	21.446	240	252570	20.000	ng	0.00
86) Perylene-d12	24.513	264	316077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	387742	138.272	ng	0.00
7) Phenol-d6	6.986	99	545786	139.873	ng	0.00
23) Nitrobenzene-d5	8.972	82	322688	87.422	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	261453	124.515	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	722547	84.523	ng	0.00
79) Terphenyl-d14	19.824	244	1211791	90.225	ng	0.00

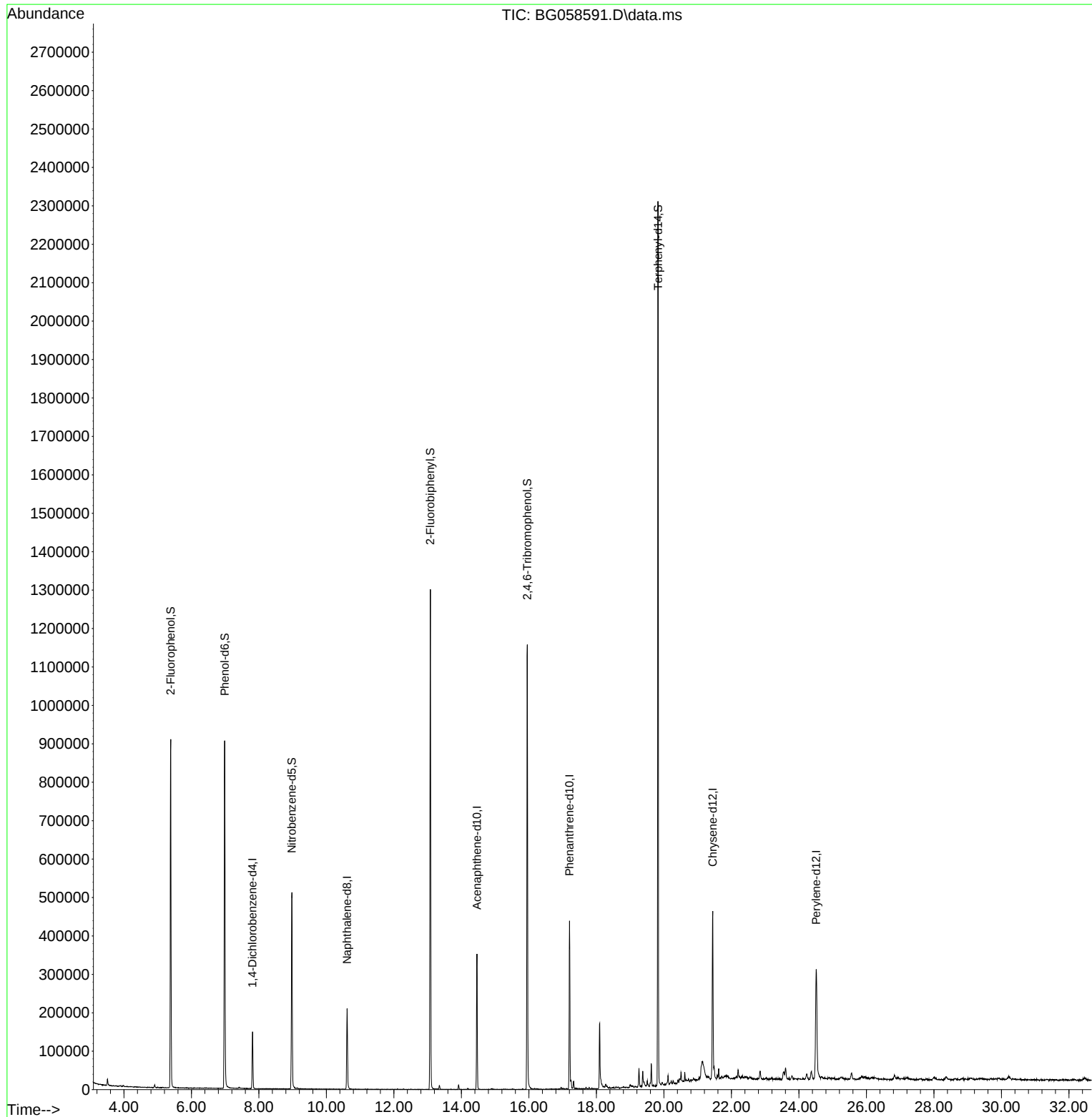
Target Compounds	Qvalue

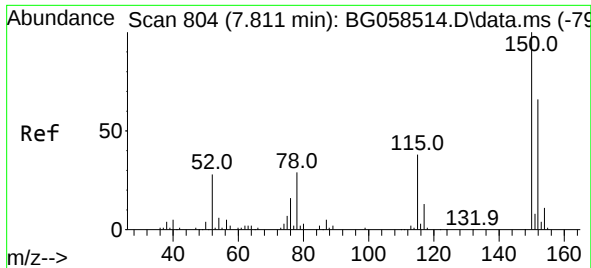
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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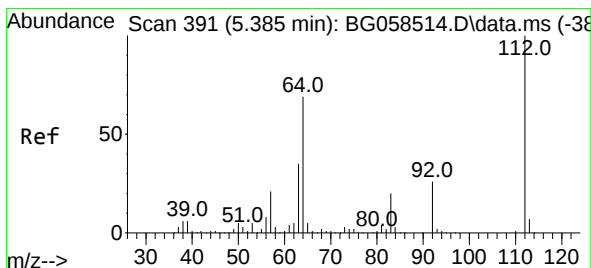
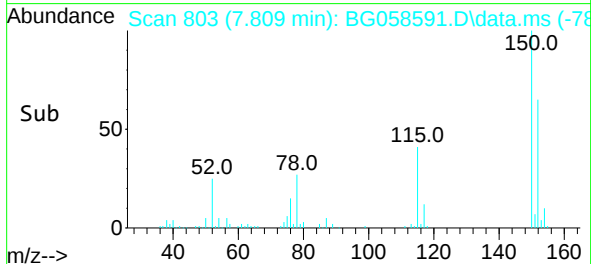
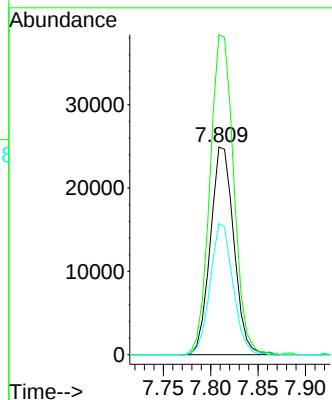
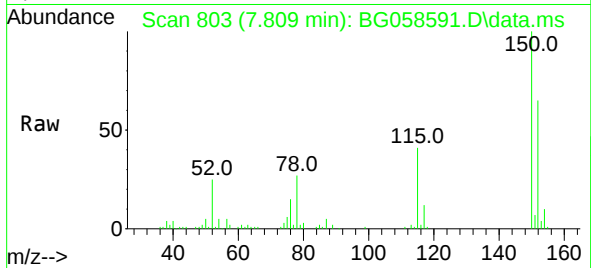




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

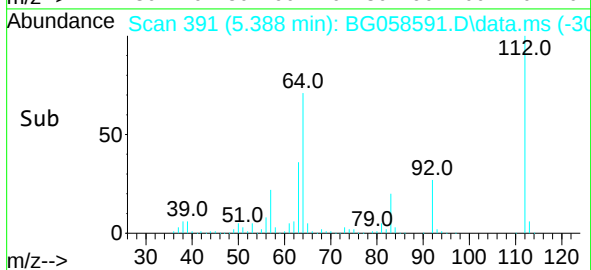
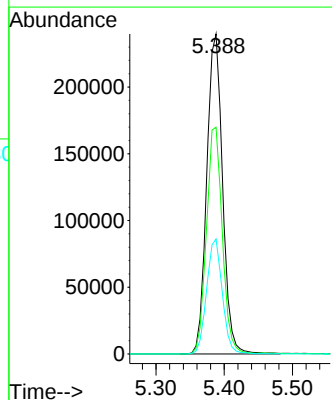
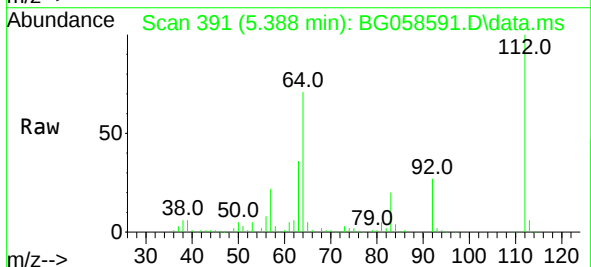
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)

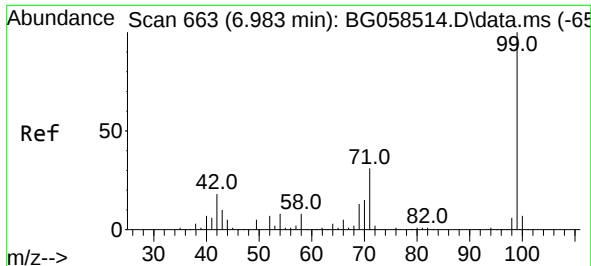
Tgt Ion:152 Resp: 42861
Ion Ratio Lower Upper
152 100
150 154.1 120.5 180.7
115 63.2 45.9 68.9



#5
2-Fluorophenol
Concen: 138.272 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

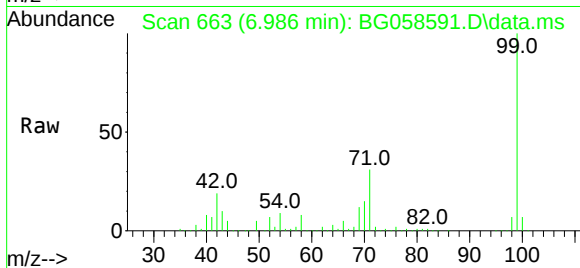
Tgt Ion:112 Resp: 387742
Ion Ratio Lower Upper
112 100
64 70.8 55.3 82.9
63 35.9 28.3 42.5



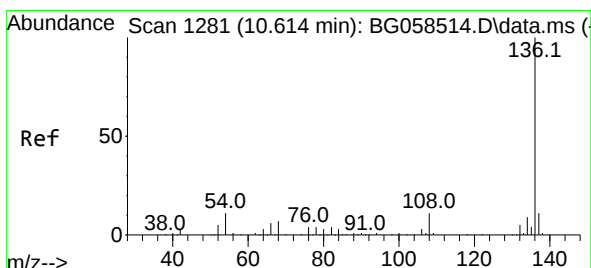
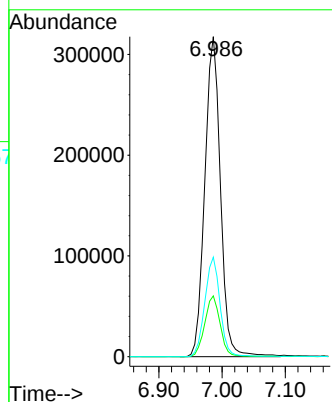
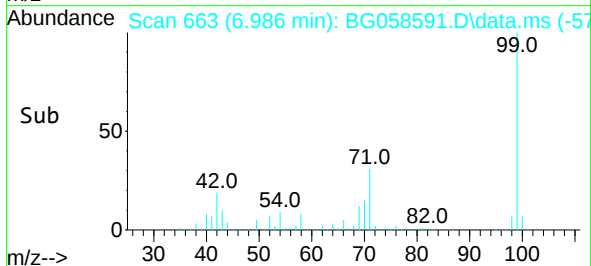


#7
Phenol-d6
Concen: 139.873 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

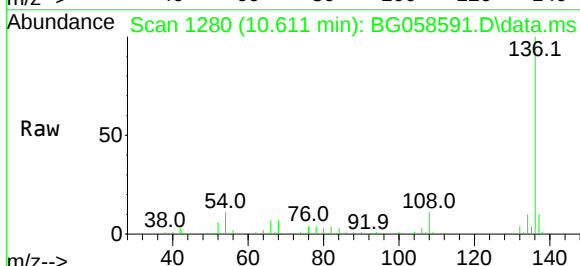
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-21-(0-5)



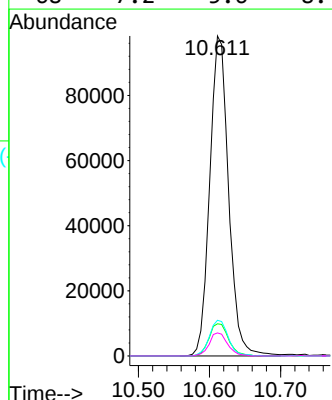
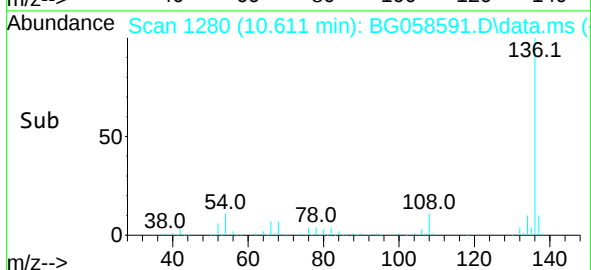
Tgt Ion: 99 Resp: 545786
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 31.1 25.0 37.4

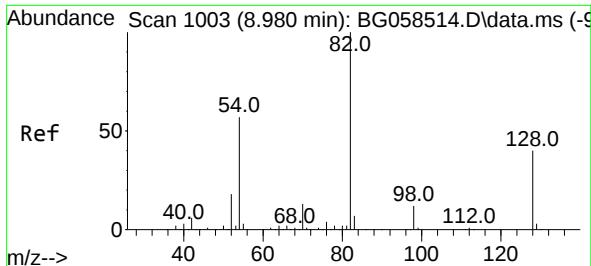


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37



Tgt Ion: 136 Resp: 181328
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 11.2 8.9 13.3
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 87.422 ng

RT: 8.972 min Scan# 1001

Delta R.T. -0.008 min

Lab File: BG058591.D

Acq: 3 Aug 2023 13:37

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-21-(0-5)

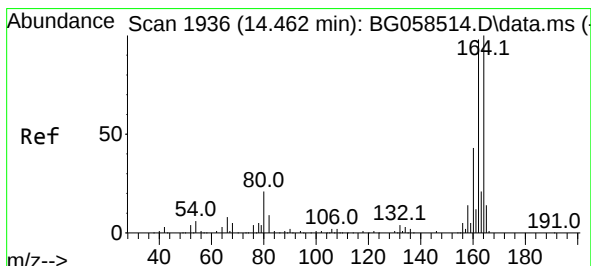
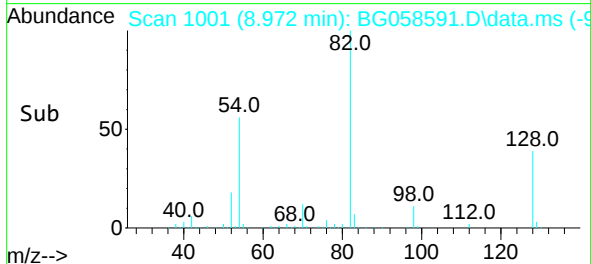
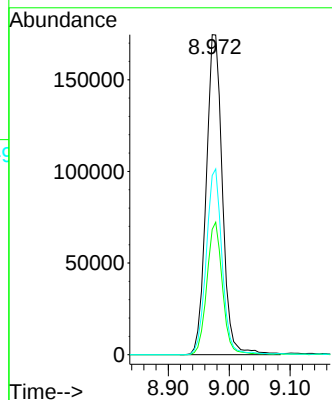
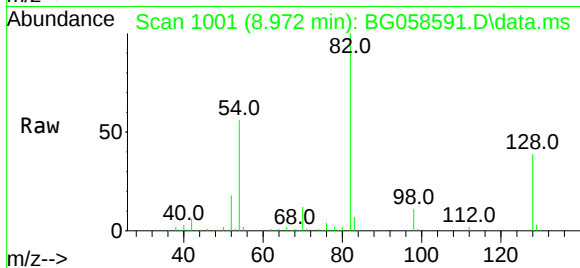
Tgt Ion: 82 Resp: 322688

Ion Ratio Lower Upper

82 100

128 39.1 32.2 48.2

54 56.0 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1935

Delta R.T. -0.003 min

Lab File: BG058591.D

Acq: 3 Aug 2023 13:37

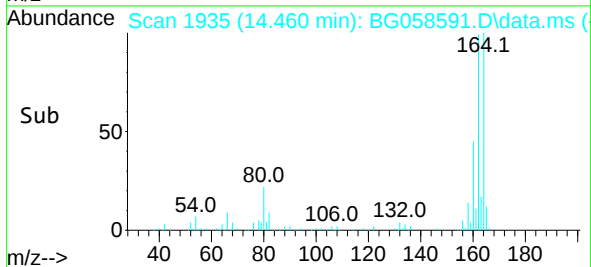
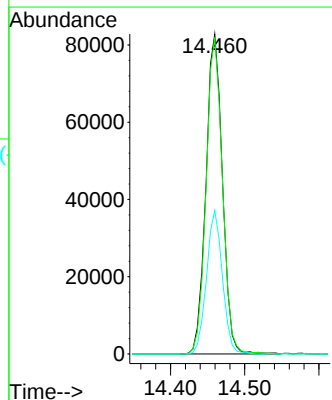
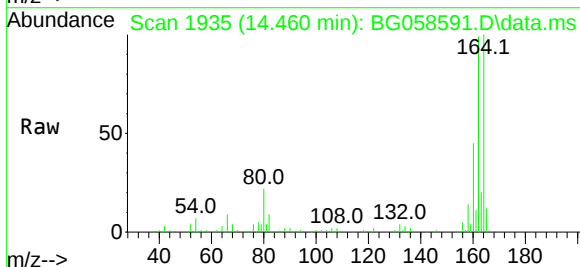
Tgt Ion:164 Resp: 128107

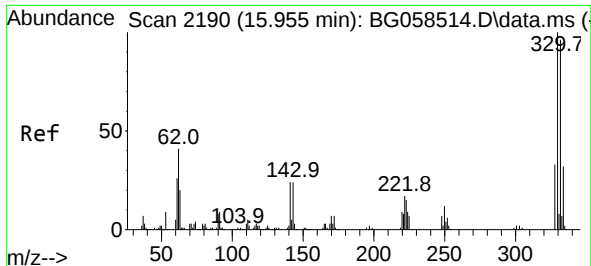
Ion Ratio Lower Upper

164 100

162 98.9 78.3 117.5

160 44.8 34.1 51.1

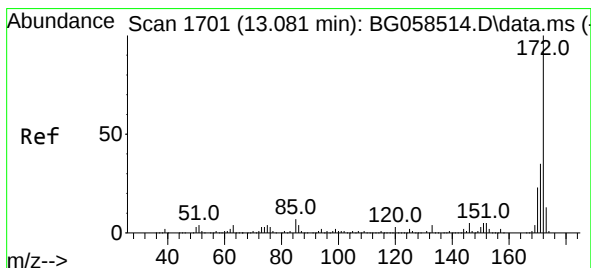
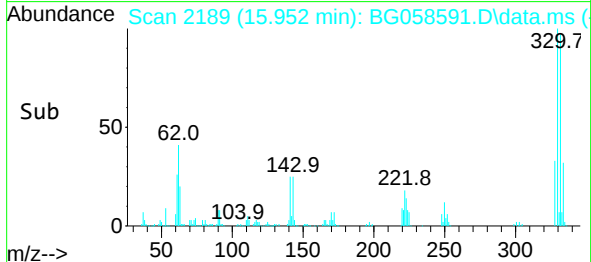
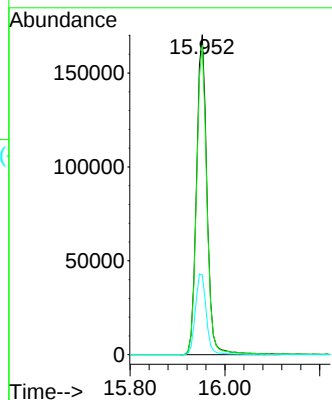
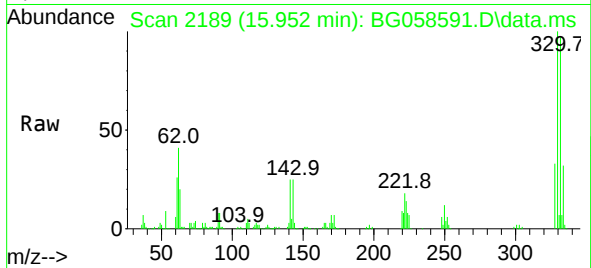




#42
2,4,6-Tribromophenol
Concen: 124.515 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

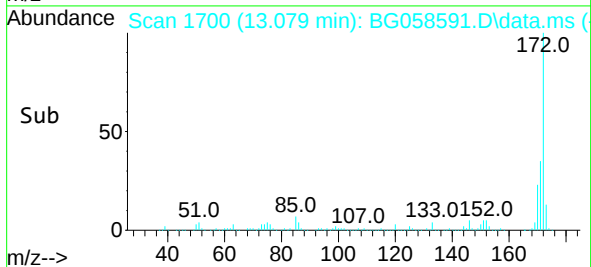
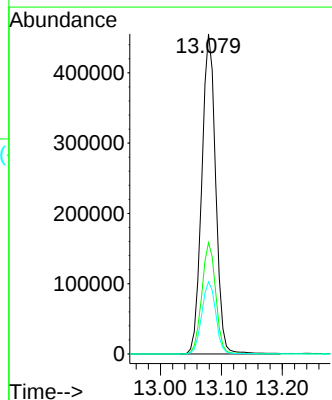
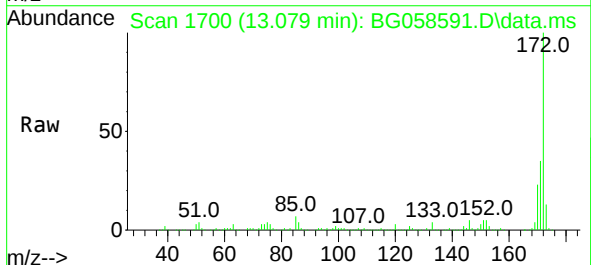
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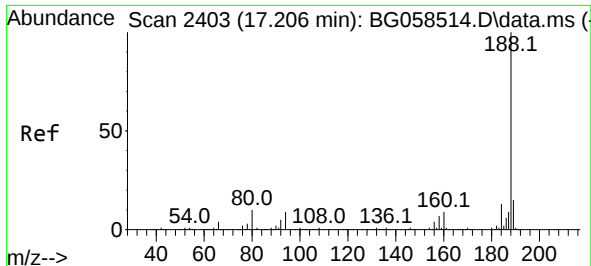
Tgt Ion:330 Resp: 261453
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 26.3 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 84.523 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

Tgt Ion:172 Resp: 722547
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.6 18.4 27.6

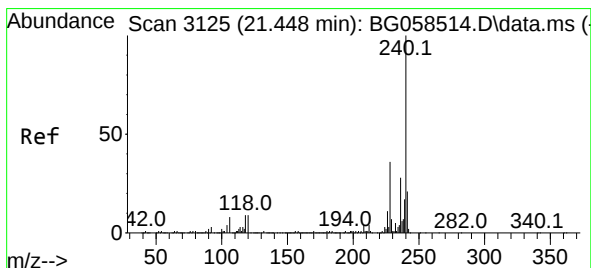
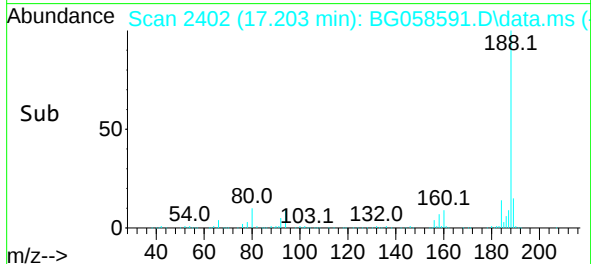
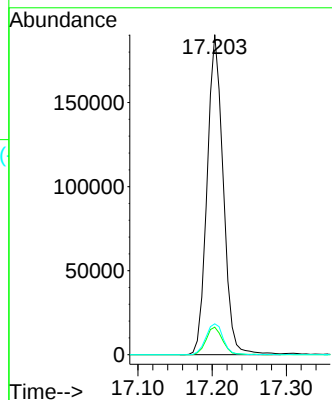
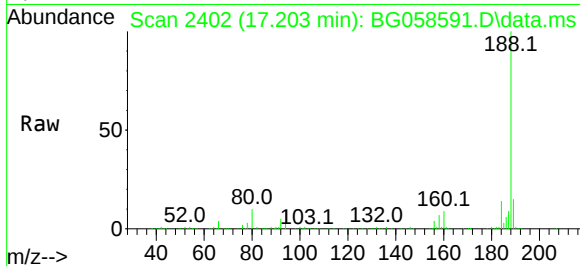




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

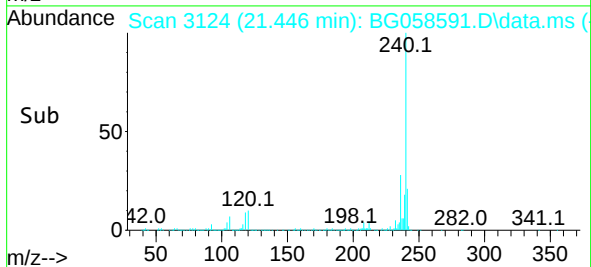
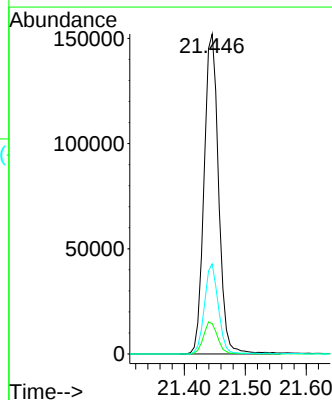
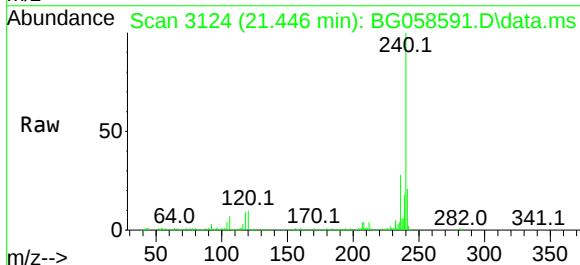
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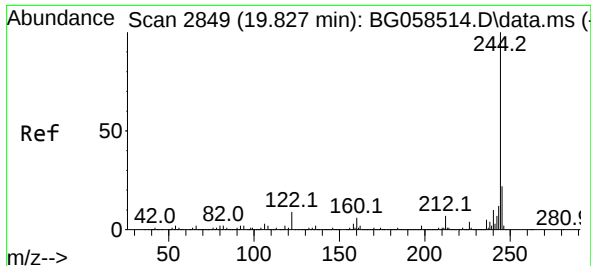
Tgt Ion:188 Resp: 287672
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

Tgt Ion:240 Resp: 252570
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 28.2 22.2 33.4

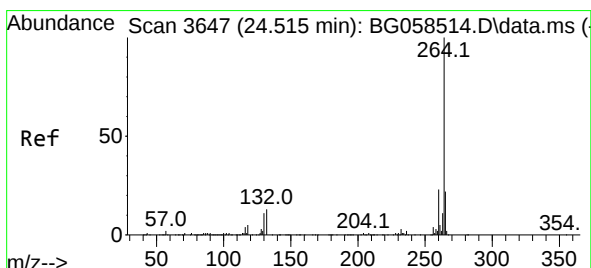
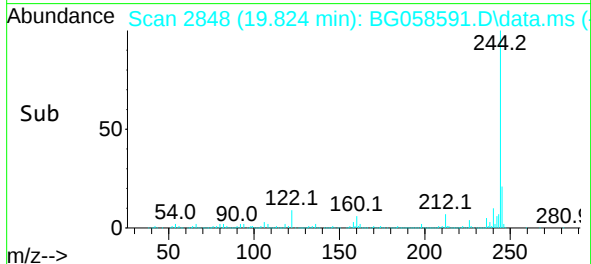
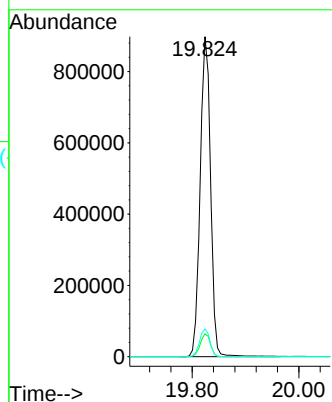
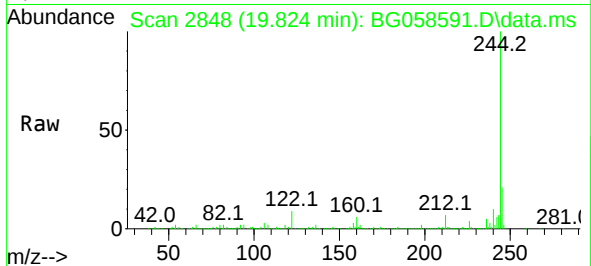




#79
 Terphenyl-d14
 Concen: 90.225 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058591.D
 Acq: 3 Aug 2023 13:37

Instrument :
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 ClientSampleId :
 BUILDING-B-21-(0-5)

Tgt Ion:244 Resp: 1211791
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.7 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.513 min Scan# 3646
 Delta R.T. -0.003 min
 Lab File: BG058591.D
 Acq: 3 Aug 2023 13:37

Tgt Ion:264 Resp: 316077
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 21.5 17.9 26.9

