

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058691.D
 Acq On : 10 Aug 2023 23:16
 Operator : MA/JU
 Sample : 03955-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-25

Quant Time: Aug 11 01:59:05 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	33348	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	140787	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	105541	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	305832	20.000	ng	0.00
76) Chrysene-d12	21.446	240	276885	20.000	ng	0.00
86) Perylene-d12	24.525	264	297489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	299404	137.228	ng	0.00
7) Phenol-d6	6.980	99	386542	127.322	ng	0.00
23) Nitrobenzene-d5	8.972	82	266785	93.090	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	269778	155.951	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	633118	89.897	ng	0.00
79) Terphenyl-d14	19.824	244	1420532	96.479	ng	0.00

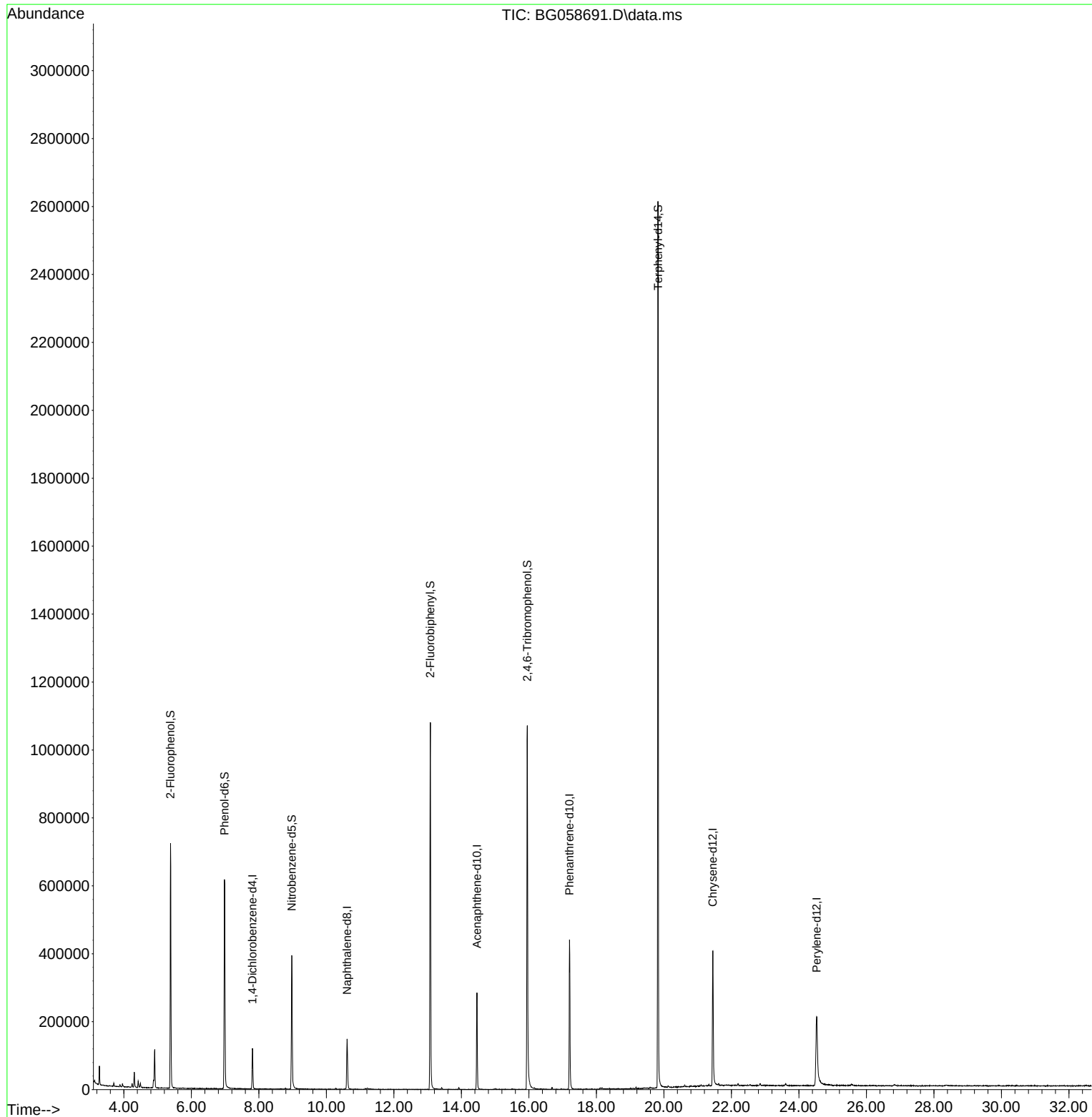
Target Compounds	Qvalue

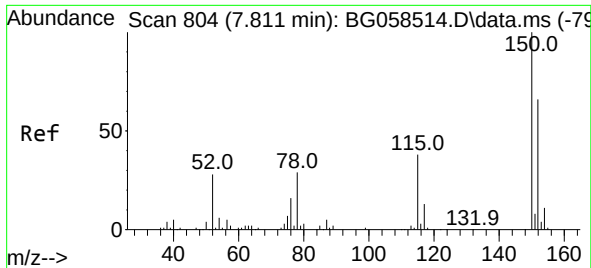
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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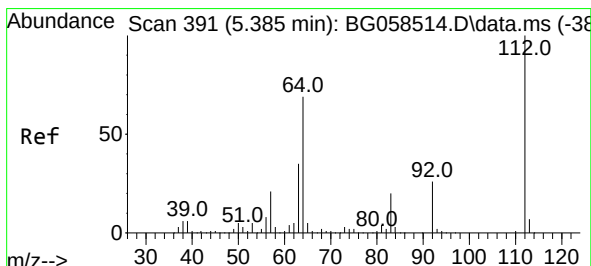
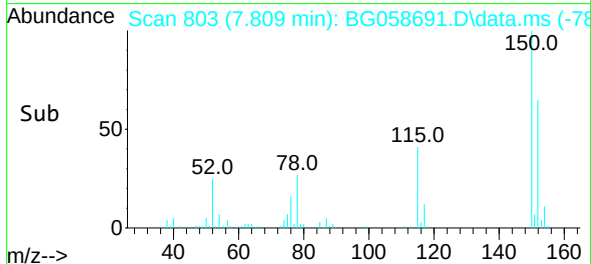
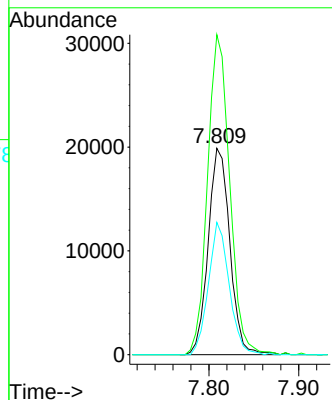
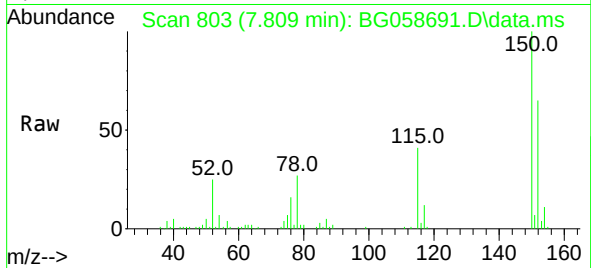




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

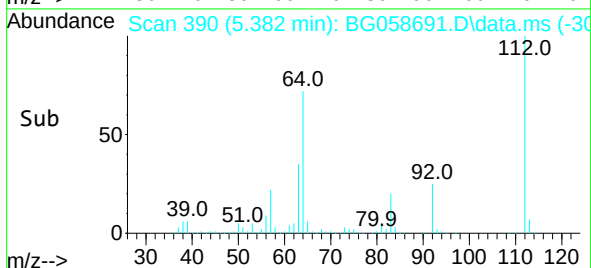
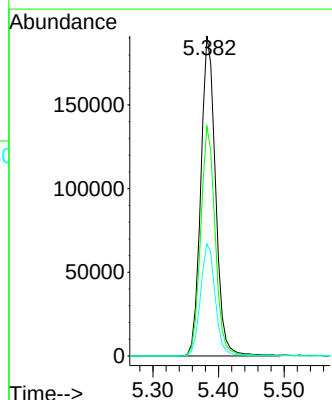
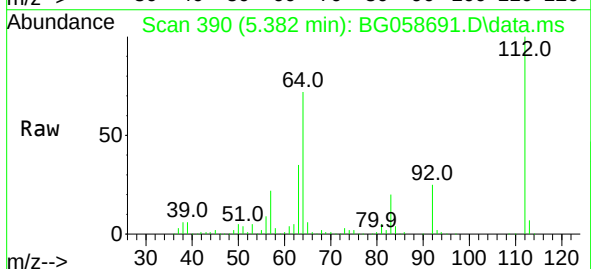
Instrument :
BNA_G
ClientSampleId :
WC-25

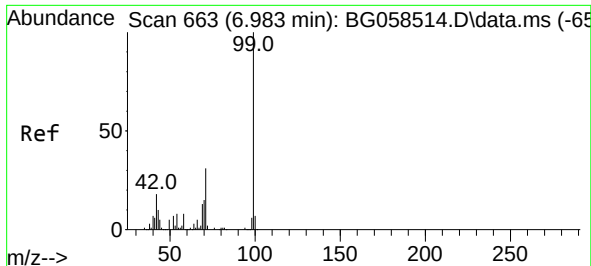
Tgt Ion:152 Resp: 33348
Ion Ratio Lower Upper
152 100
150 155.0 120.5 180.7
115 64.1 45.9 68.9



#5
2-Fluorophenol
Concen: 137.228 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion:112 Resp: 299404
Ion Ratio Lower Upper
112 100
64 71.7 55.3 82.9
63 35.0 28.3 42.5

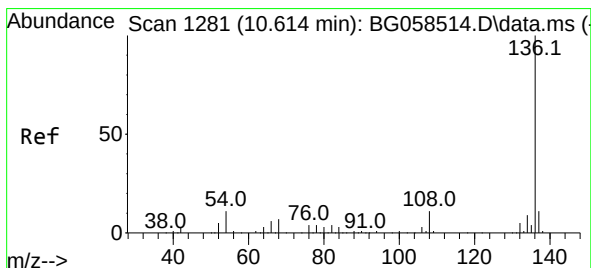
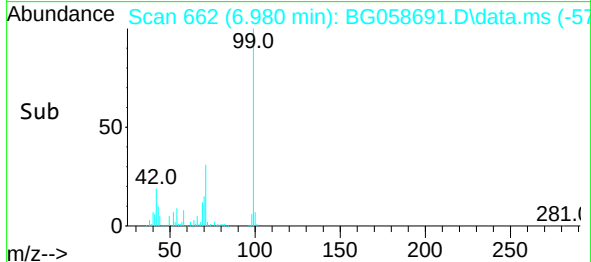
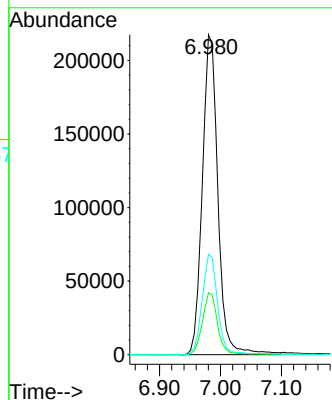
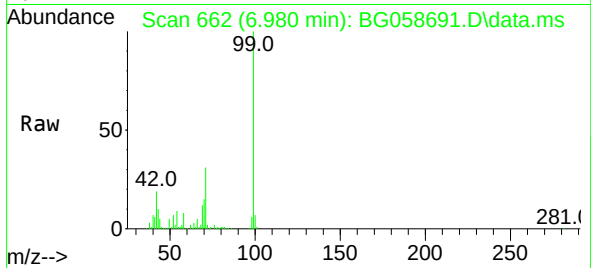




#7
Phenol-d6
Concen: 127.322 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

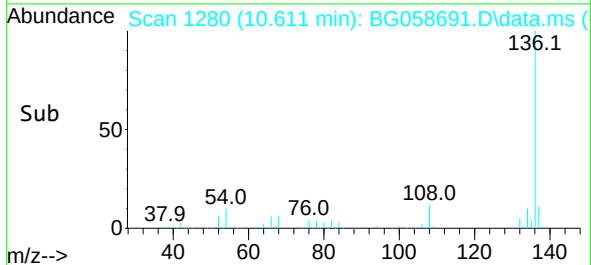
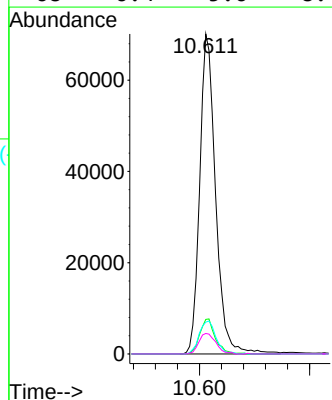
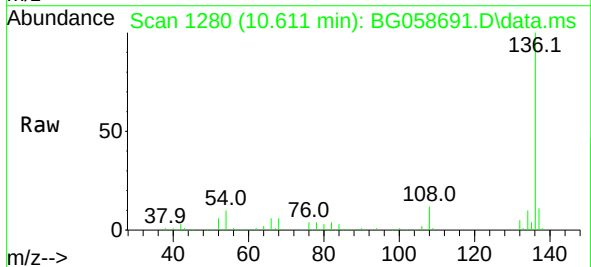
Instrument :
BNA_G
ClientSampleId :
WC-25

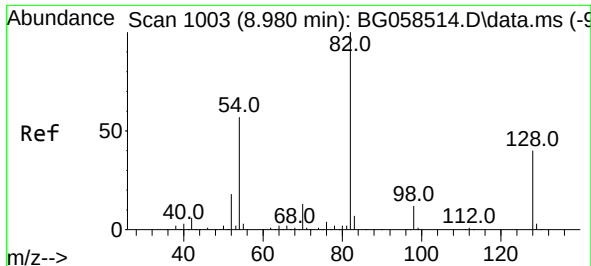
Tgt Ion: 99 Resp: 386542
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 31.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion: 136 Resp: 140787
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.9 8.9 13.3
68 6.4 5.6 8.4





#23

Nitrobenzene-d5

Concen: 93.090 ng

RT: 8.972 min Scan# 1001

Delta R.T. -0.008 min

Lab File: BG058691.D

Acq: 10 Aug 2023 23:16

Instrument :

BNA_G

ClientSampleId :

WC-25

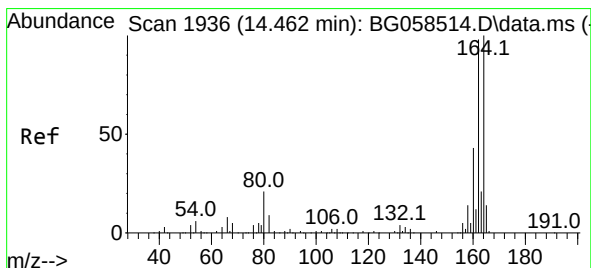
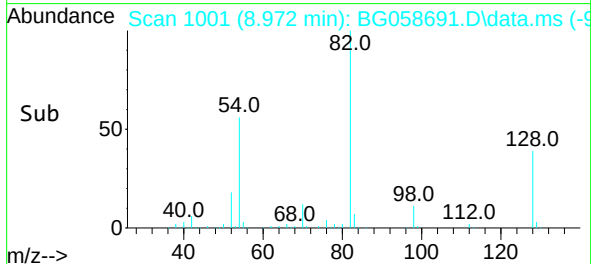
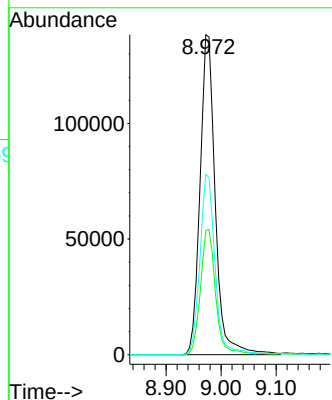
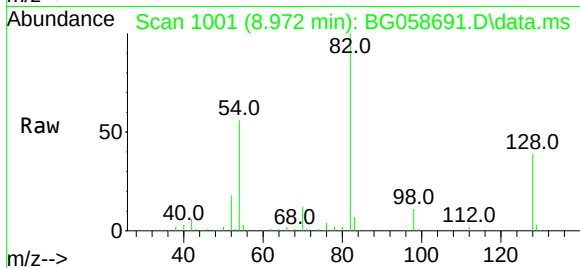
Tgt Ion: 82 Resp: 266785

Ion Ratio Lower Upper

82 100

128 38.8 32.2 48.2

54 56.4 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1935

Delta R.T. -0.002 min

Lab File: BG058691.D

Acq: 10 Aug 2023 23:16

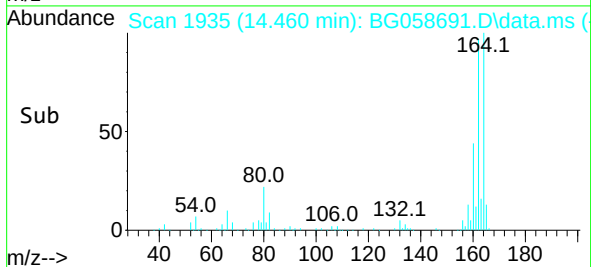
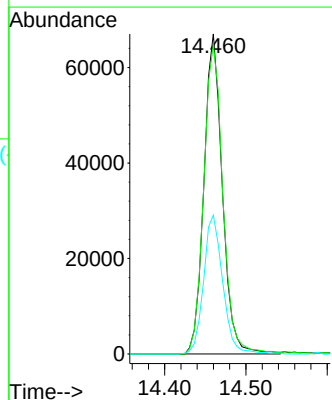
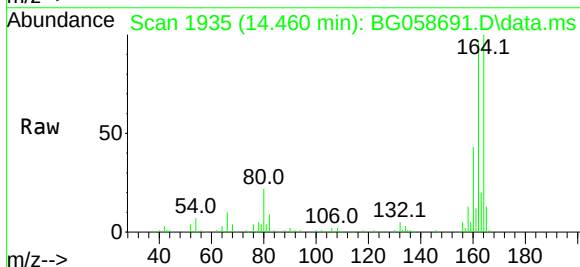
Tgt Ion:164 Resp: 105541

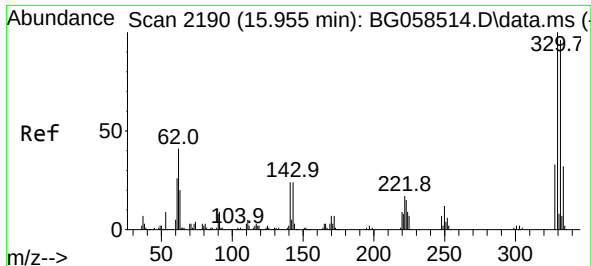
Ion Ratio Lower Upper

164 100

162 96.5 78.3 117.5

160 43.3 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 155.951 ng

RT: 15.952 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG058691.D

Acq: 10 Aug 2023 23:16

Instrument :

BNA_G

ClientSampleId :

WC-25

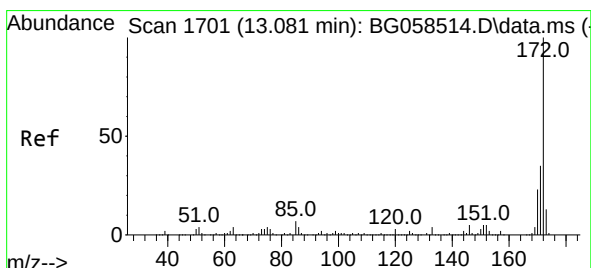
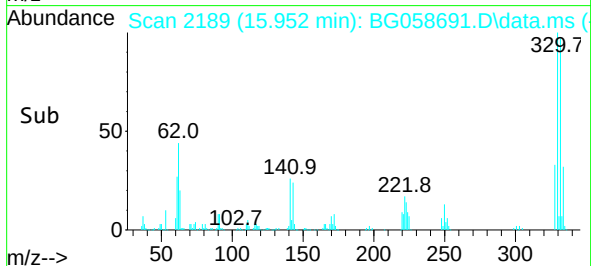
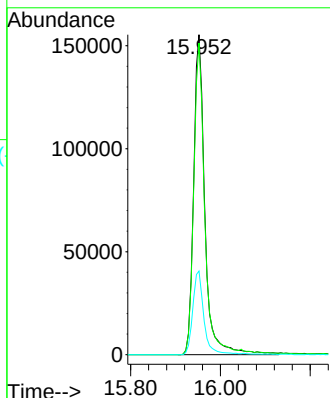
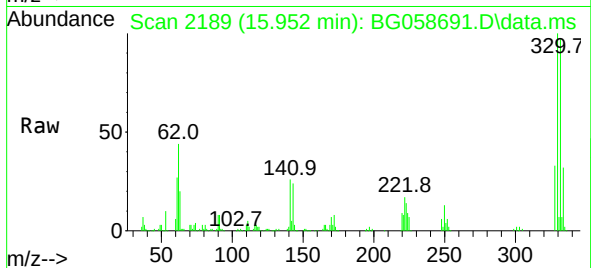
Tgt Ion:330 Resp: 269778

Ion Ratio Lower Upper

330 100

332 97.2 77.5 116.3

141 25.8 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 89.897 ng

RT: 13.079 min Scan# 1700

Delta R.T. -0.002 min

Lab File: BG058691.D

Acq: 10 Aug 2023 23:16

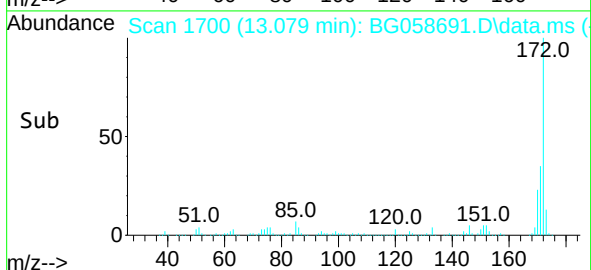
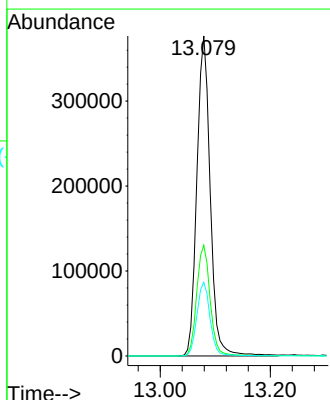
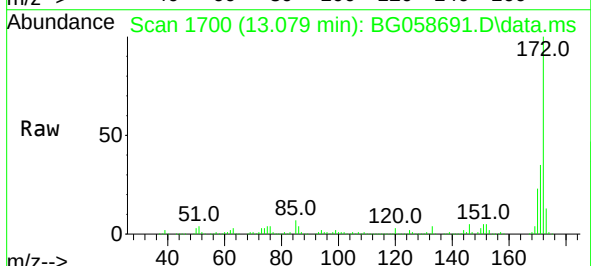
Tgt Ion:172 Resp: 633118

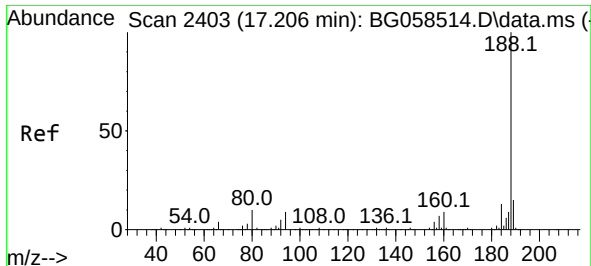
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.0 18.4 27.6

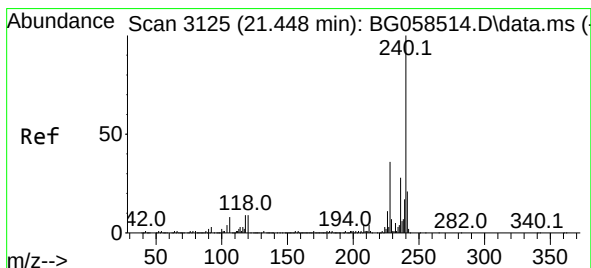
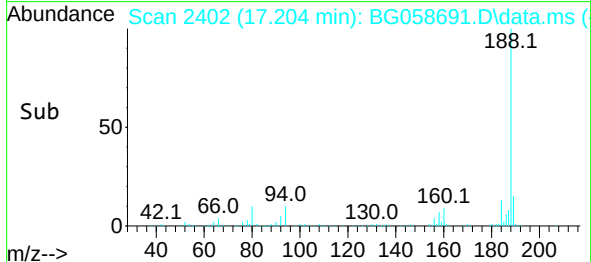
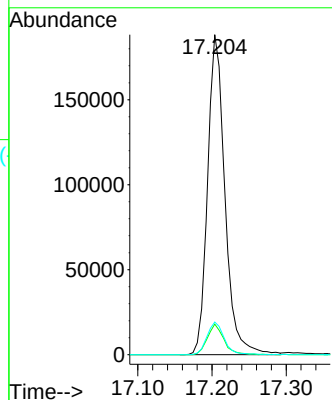
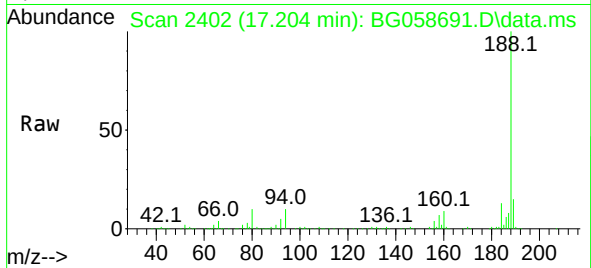




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2403
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

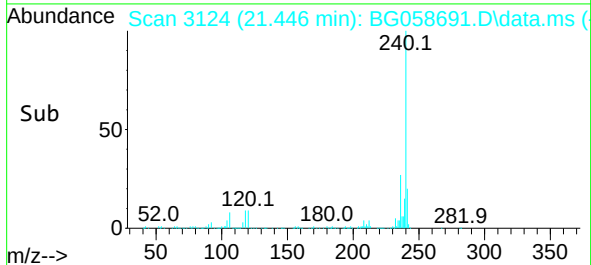
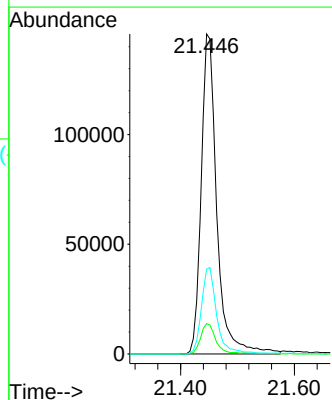
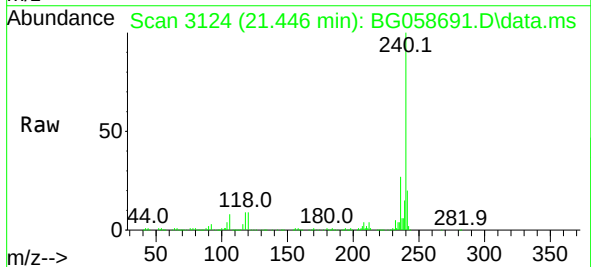
Instrument :
BNA_G
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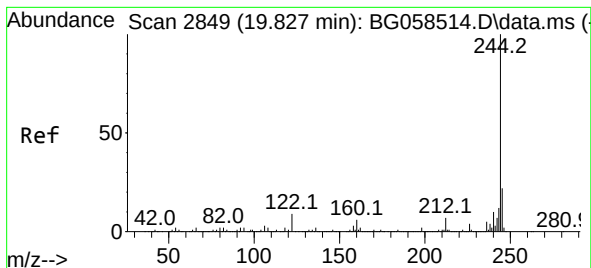
Tgt Ion:188 Resp: 305832
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion:240 Resp: 276885
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.5 22.2 33.4





#79

Terphenyl-d14

Concen: 96.479 ng

RT: 19.824 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG058691.D

Acq: 10 Aug 2023 23:16

Instrument :

BNA_G

ClientSampleId :

WC-25

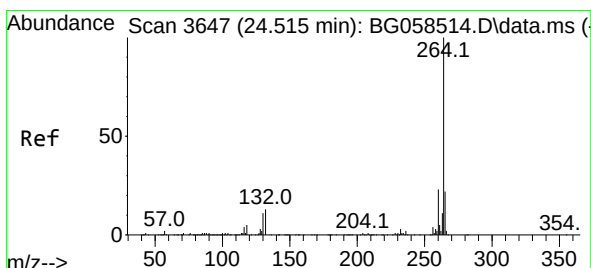
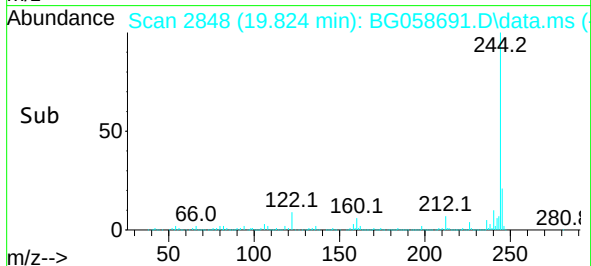
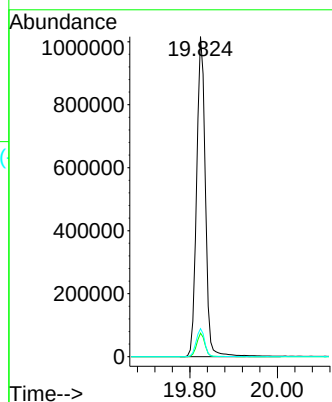
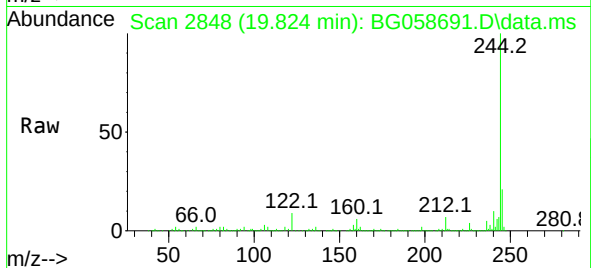
Tgt Ion:244 Resp: 1420532

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 8.8 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.525 min Scan# 3648

Delta R.T. 0.009 min

Lab File: BG058691.D

Acq: 10 Aug 2023 23:16

Tgt Ion:264 Resp: 297489

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.8 17.9 26.9

