

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058672.D
 Acq On : 10 Aug 2023 9:53
 Operator : MA/JU
 Sample : PB154564BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154564BL

Quant Time: Aug 11 01:52:22 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	40058	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	163318	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	117428	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	298561	20.000	ng	0.00
76) Chrysene-d12	21.446	240	292653	20.000	ng	0.00
86) Perylene-d12	24.519	264	355262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	384762	146.810	ng	0.00
7) Phenol-d6	6.986	99	511546	140.272	ng	0.00
23) Nitrobenzene-d5	8.978	82	304119	91.478	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	249430	129.592	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	718252	91.662	ng	0.00
79) Terphenyl-d14	19.824	244	1467212	94.280	ng	0.00

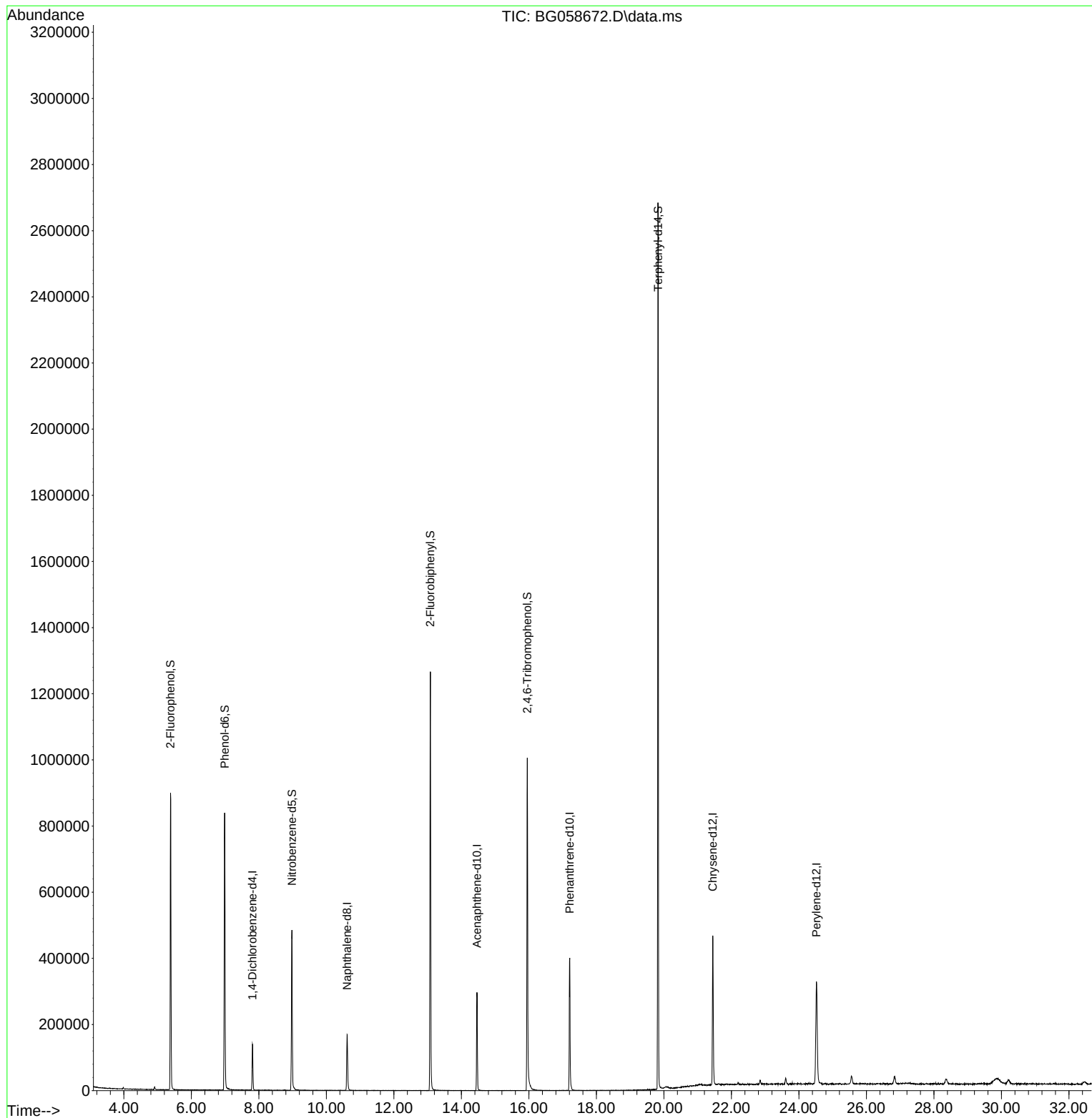
Target Compounds	Qvalue

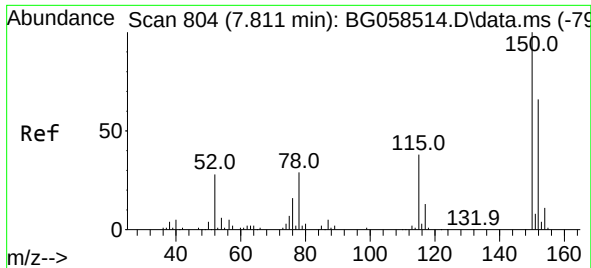
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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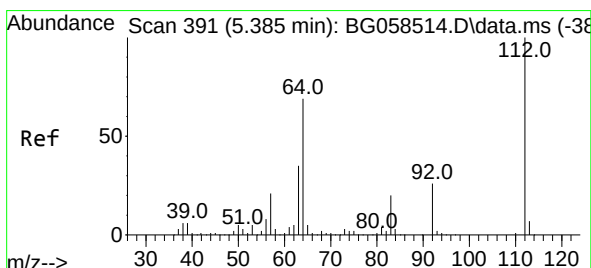
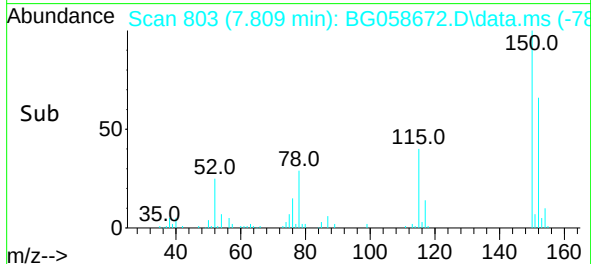
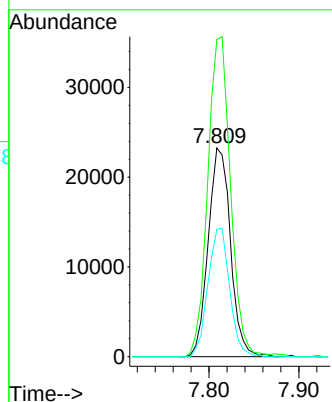
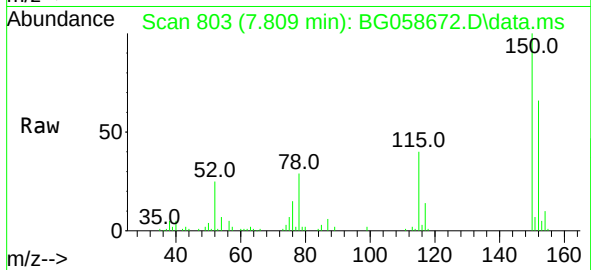




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058672.D
Acq: 10 Aug 2023 9:53

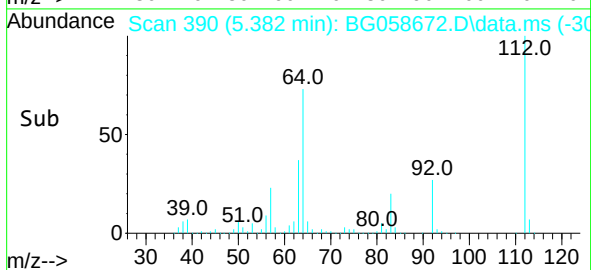
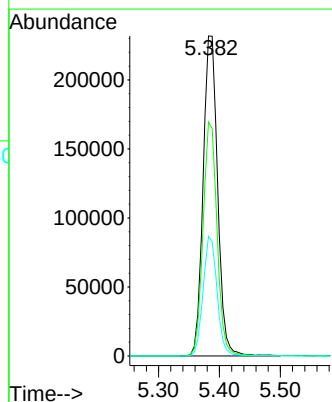
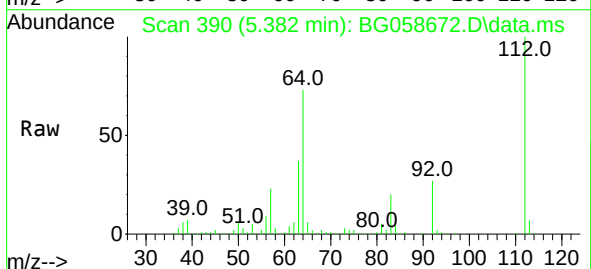
Instrument :
BNA_G
ClientSampleId :
PB154564BL

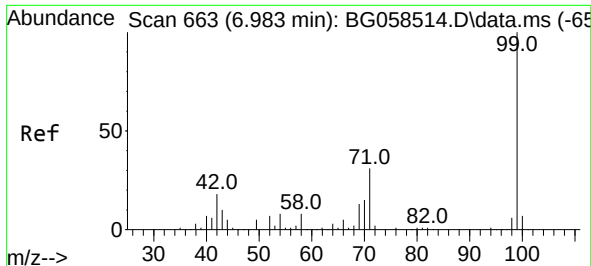
Tgt Ion:152 Resp: 40058
Ion Ratio Lower Upper
152 100
150 152.0 120.5 180.7
115 61.0 45.9 68.9



#5
2-Fluorophenol
Concen: 146.810 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058672.D
Acq: 10 Aug 2023 9:53

Tgt Ion:112 Resp: 384762
Ion Ratio Lower Upper
112 100
64 73.1 55.3 82.9
63 37.4 28.3 42.5

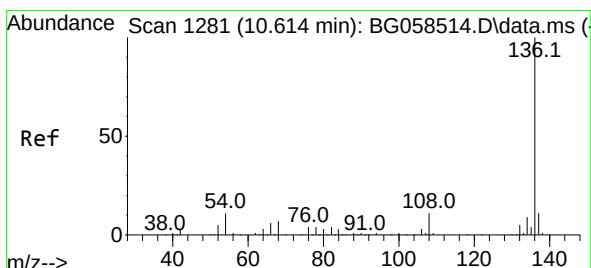
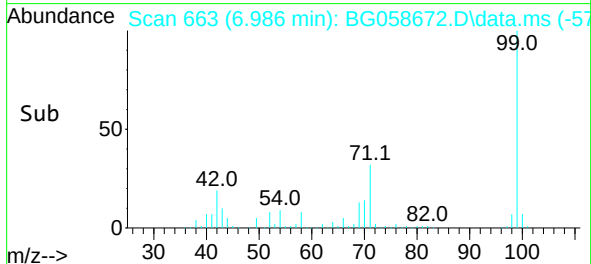
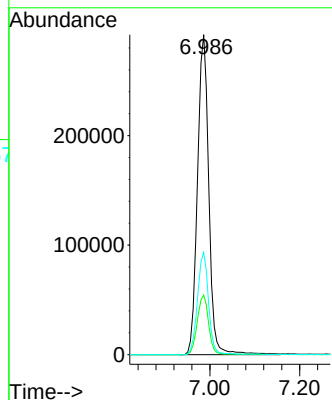
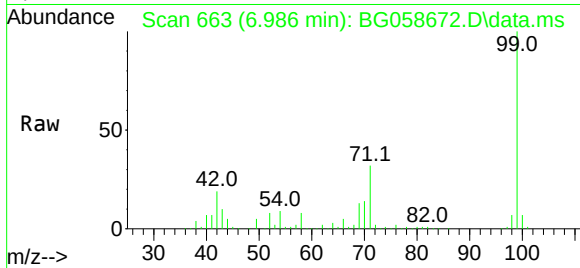




#7
Phenol-d6
Concen: 140.272 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058672.D
Acq: 10 Aug 2023 9:53

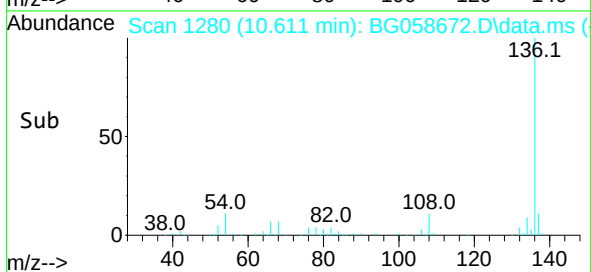
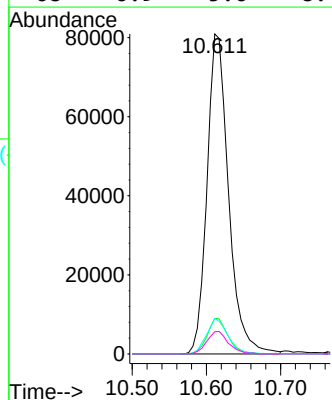
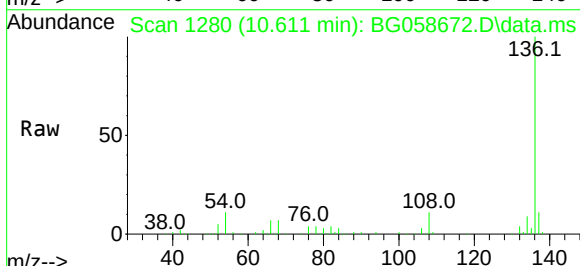
Instrument :
BNA_G
ClientSampleId :
PB154564BL

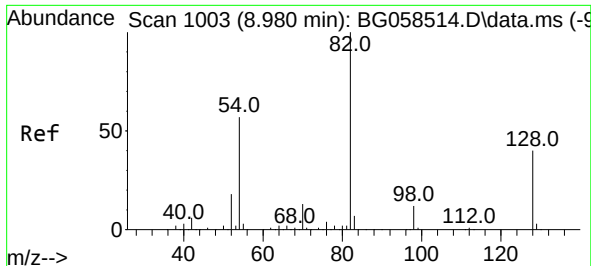
Tgt Ion: 99 Resp: 511546
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG058672.D
Acq: 10 Aug 2023 9:53

Tgt Ion: 136 Resp: 163318
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 11.1 8.9 13.3
68 6.9 5.6 8.4

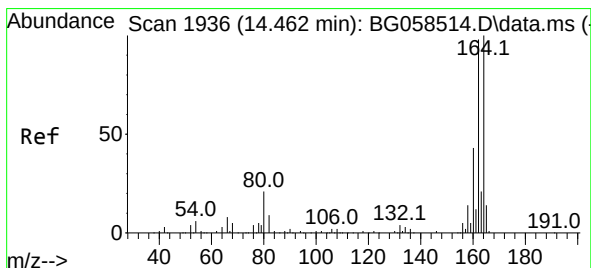
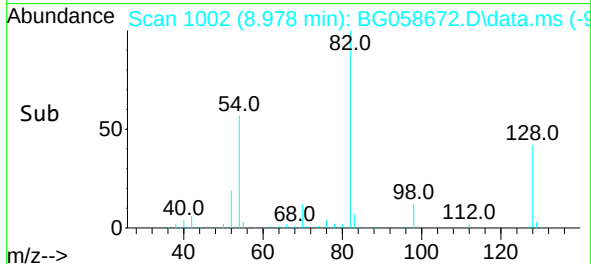
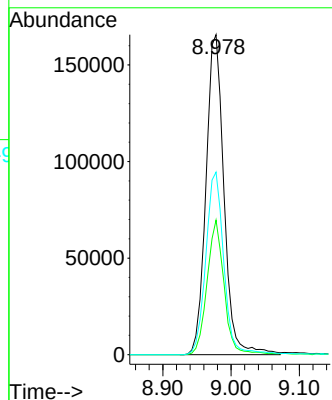
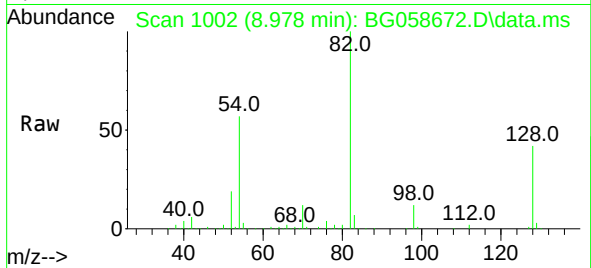




#23
Nitrobenzene-d5
Concen: 91.478 ng
RT: 8.978 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG058672.D
Acq: 10 Aug 2023 9:53

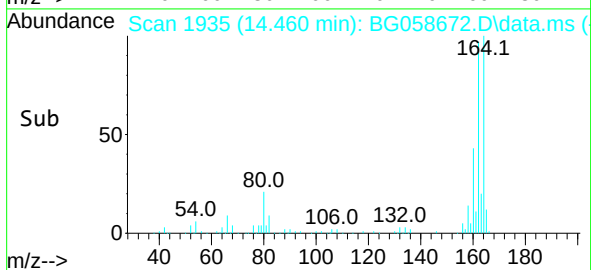
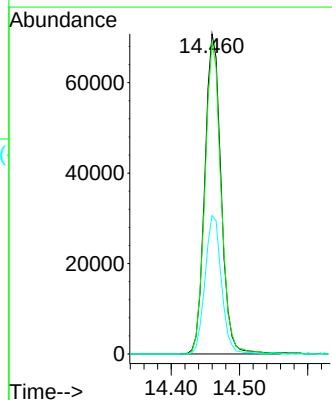
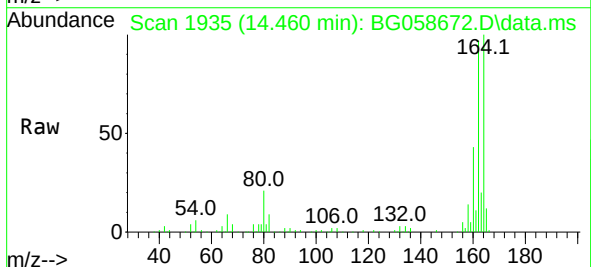
Instrument :
BNA_G
ClientSampleId :
PB154564BL

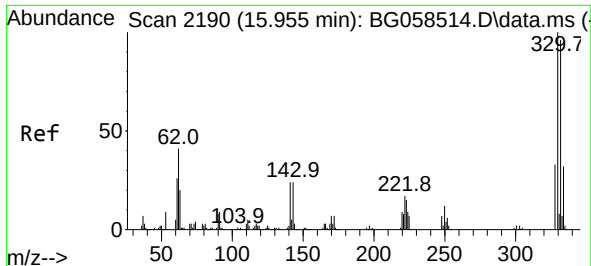
Tgt Ion: 82 Resp: 304119
Ion Ratio Lower Upper
82 100
128 42.0 32.2 48.2
54 57.1 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058672.D
Acq: 10 Aug 2023 9:53

Tgt Ion: 164 Resp: 117428
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 43.3 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 129.592 ng

RT: 15.952 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058672.D

Acq: 10 Aug 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB154564BL

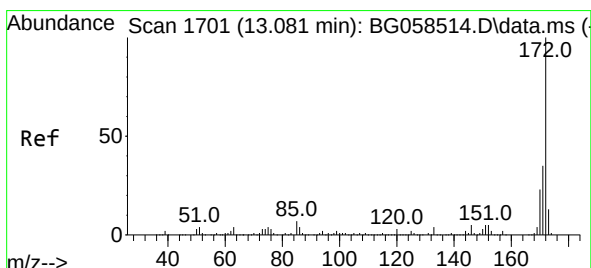
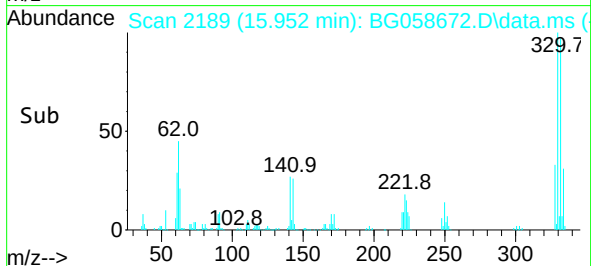
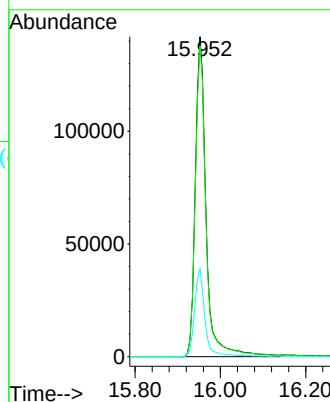
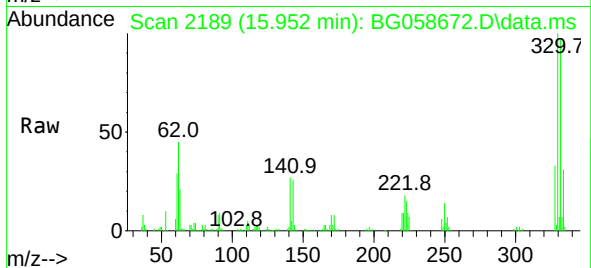
Tgt Ion:330 Resp: 249430

Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 26.6 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 91.662 ng

RT: 13.079 min Scan# 1700

Delta R.T. -0.003 min

Lab File: BG058672.D

Acq: 10 Aug 2023 9:53

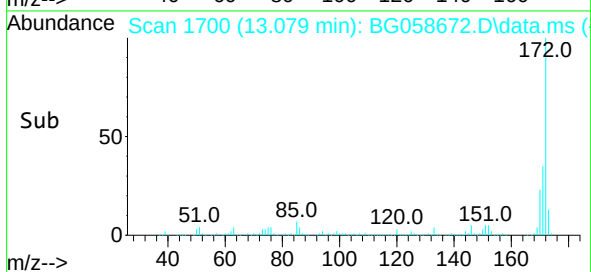
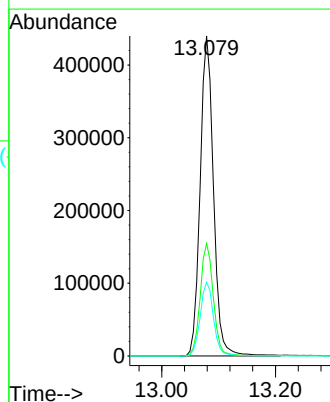
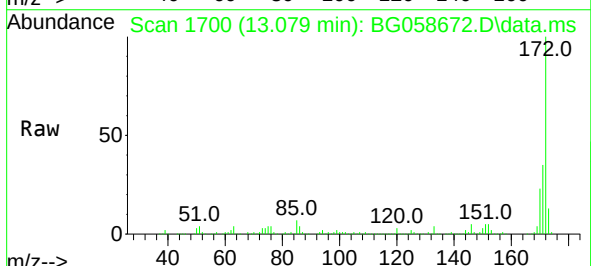
Tgt Ion:172 Resp: 718252

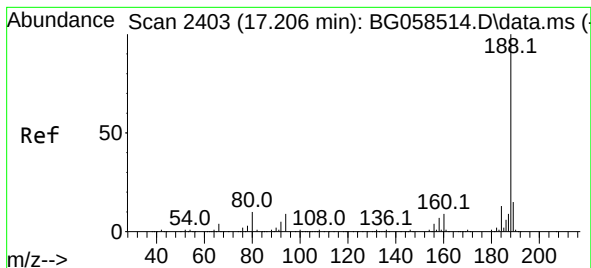
Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2403

Delta R.T. 0.003 min

Lab File: BG058672.D

Acq: 10 Aug 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB154564BL

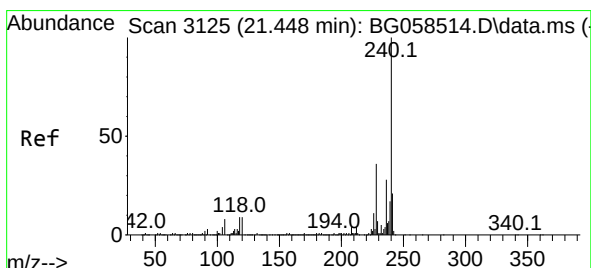
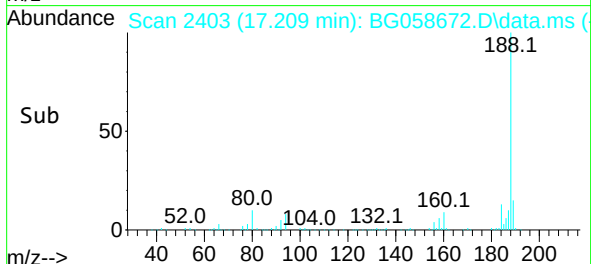
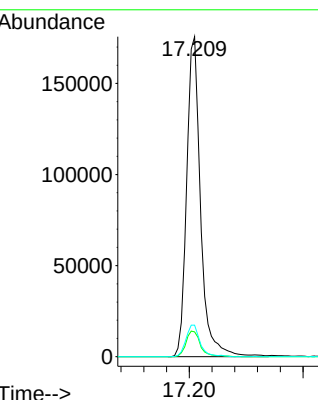
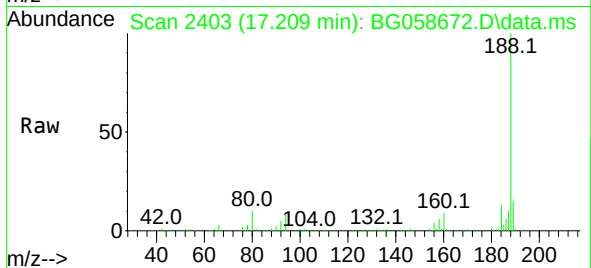
Tgt Ion:188 Resp: 298561

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

80 9.9 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: BG058672.D

Acq: 10 Aug 2023 9:53

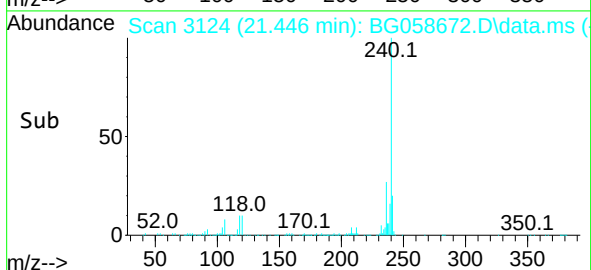
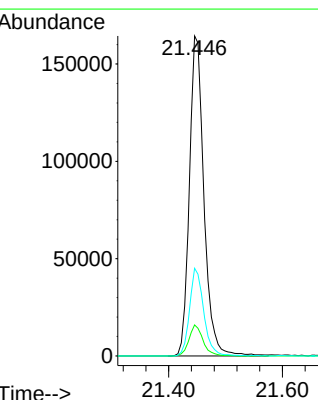
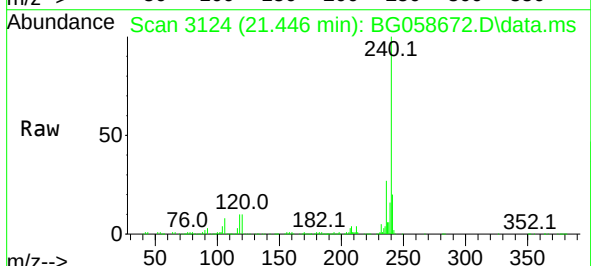
Tgt Ion:240 Resp: 292653

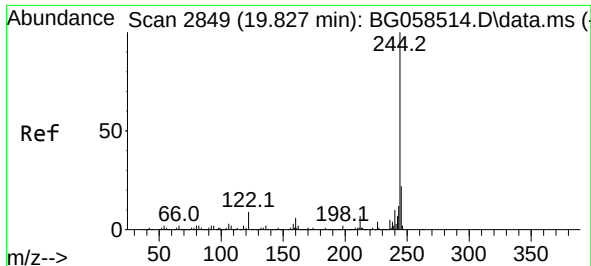
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

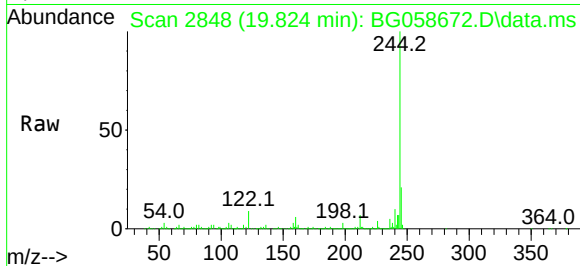
236 27.4 22.2 33.4



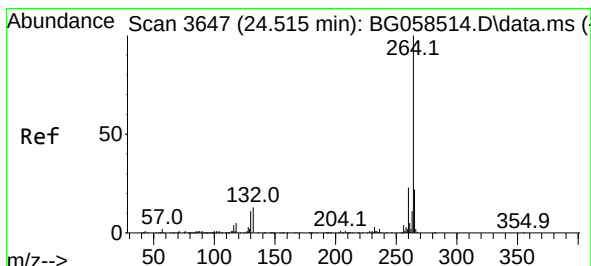
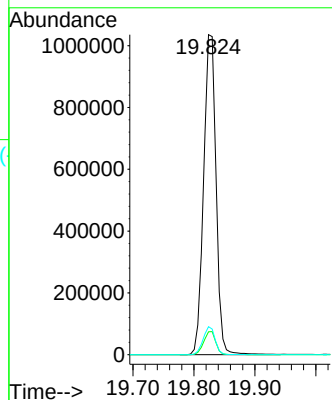
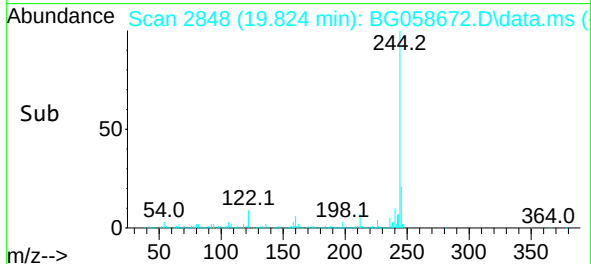


#79
Terphenyl-d14
Concen: 94.280 ng
RT: 19.824 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058672.D
Acq: 10 Aug 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PB154564BL



Tgt Ion:244 Resp: 1467212
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.7 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. 0.003 min
Lab File: BG058672.D
Acq: 10 Aug 2023 9:53

Tgt Ion:264 Resp: 355262
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 23.2 17.9 26.9

