

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058858.D
 Acq On : 25 Aug 2023 20:46
 Operator : MA/JU
 Sample : 04110-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10(6-7)

Quant Time: Aug 26 09:18:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	19788	20.000	ng	-0.02
21) Naphthalene-d8	10.608	136	74849	20.000	ng	#-0.02
39) Acenaphthene-d10	14.457	164	49515	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	123596	20.000	ng	-0.02
76) Chrysene-d12	21.443	240	128434	20.000	ng	-0.02
86) Perylene-d12	24.504	264	152072	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	121830	99.078	ng	-0.02
7) Phenol-d6	6.977	99	157261	91.155	ng	-0.03
23) Nitrobenzene-d5	8.969	82	98320	63.154	ng	-0.03
42) 2,4,6-Tribromophenol	15.943	330	78763	101.448	ng	-0.03
45) 2-Fluorobiphenyl	13.070	172	223953	65.784	ng	-0.03
79) Terphenyl-d14	19.815	244	455832	63.728	ng	-0.02

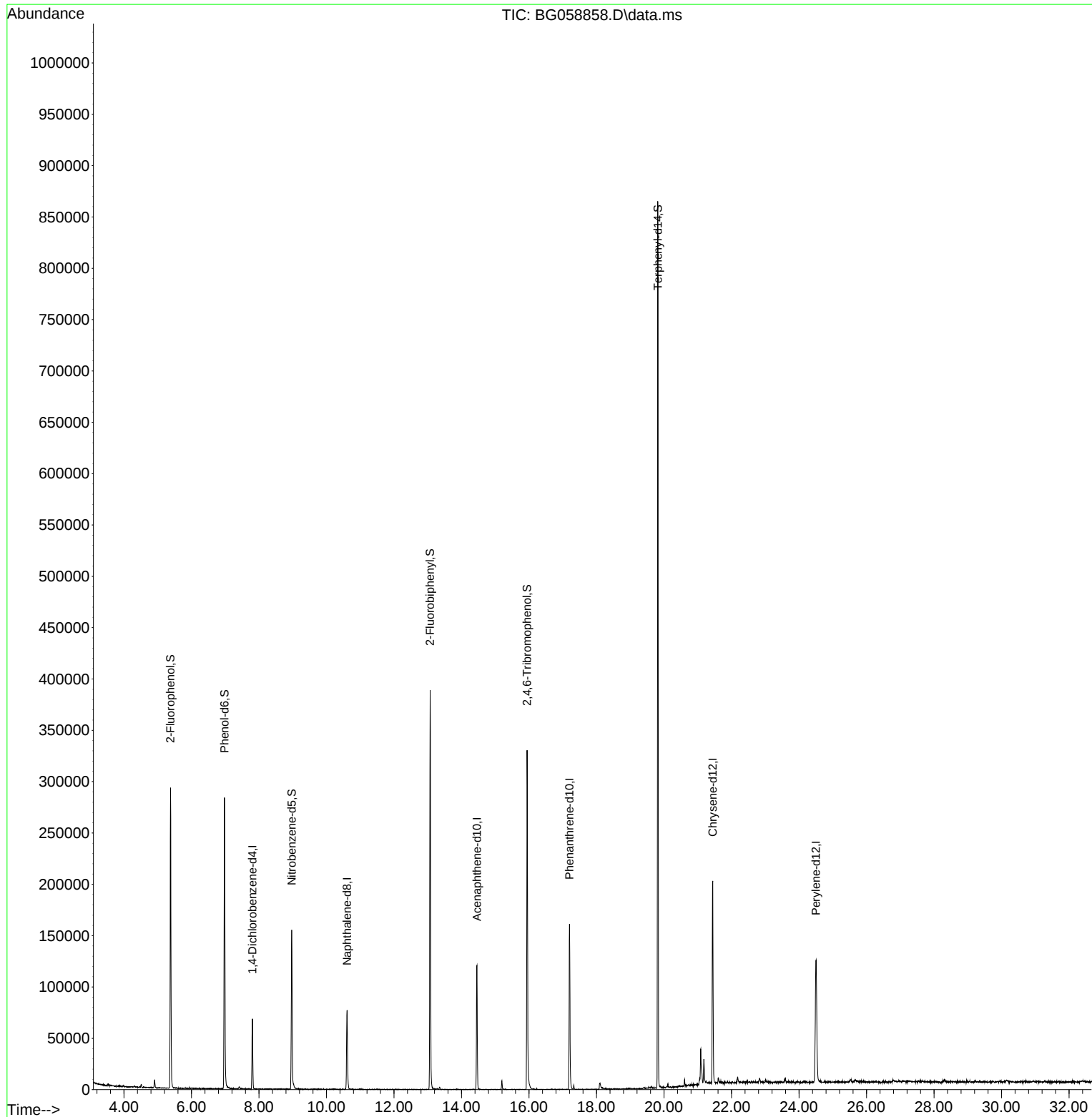
Target Compounds	Qvalue

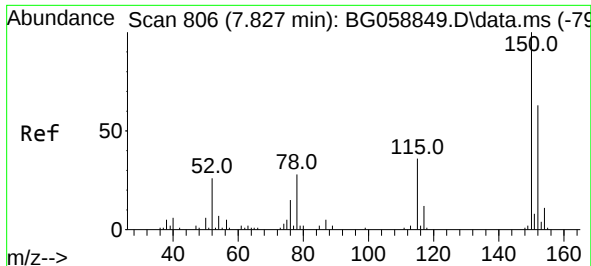
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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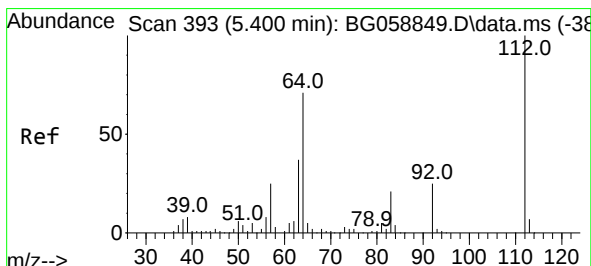
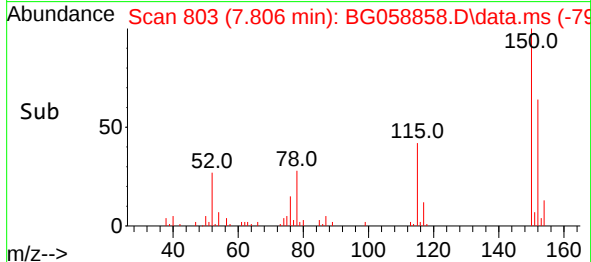
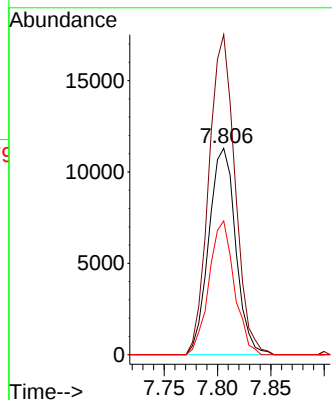
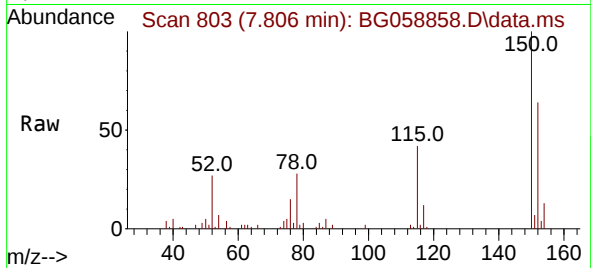




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 806
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

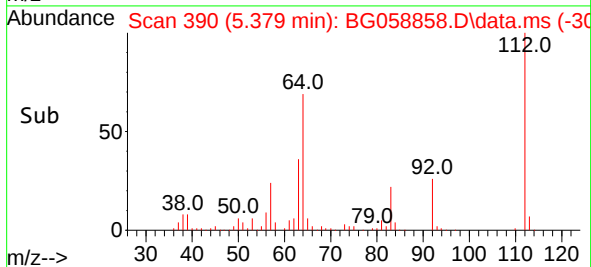
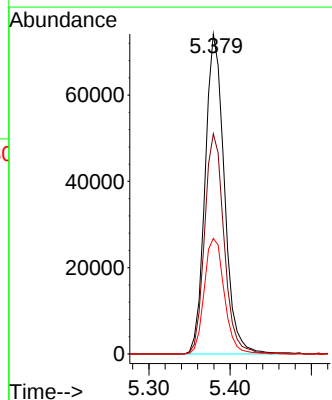
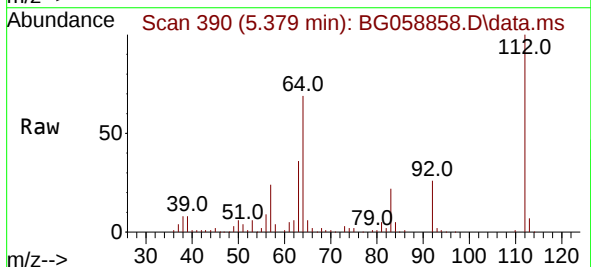
Instrument :
BNA_G
ClientSampleId :
TP-10(6-7)

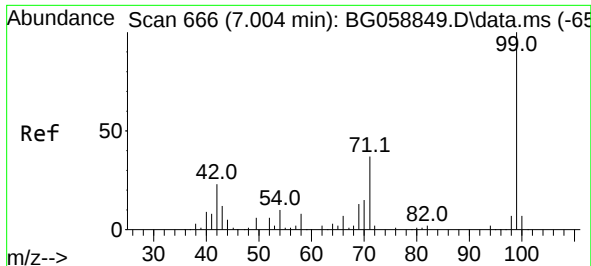
Tgt Ion:152 Resp: 19788
Ion Ratio Lower Upper
152 100
150 155.1 128.6 192.8
115 64.8 50.4 75.6



#5
2-Fluorophenol
Concen: 99.078 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

Tgt Ion:112 Resp: 121830
Ion Ratio Lower Upper
112 100
64 68.8 60.6 90.8
63 36.1 31.0 46.4

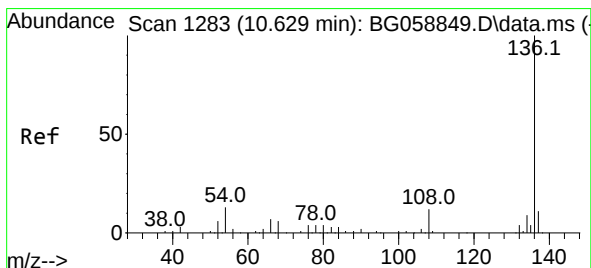
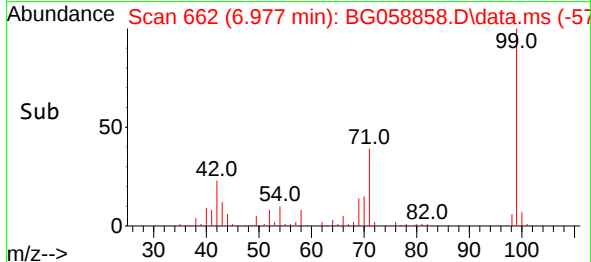
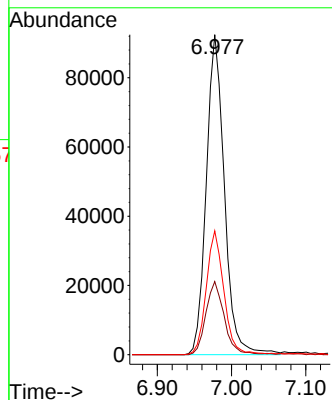
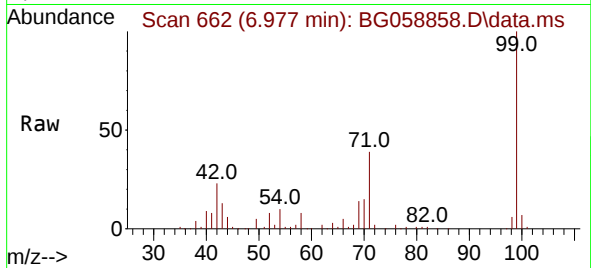




#7
Phenol-d6
Concen: 91.155 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.027 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

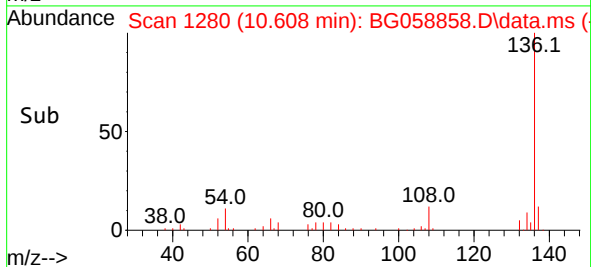
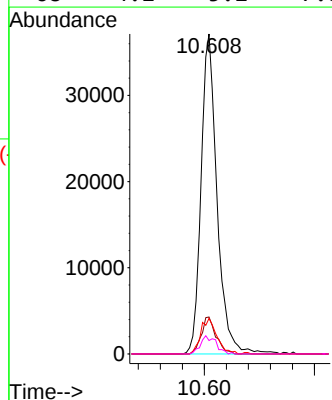
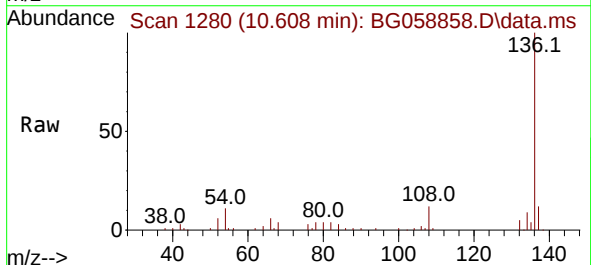
Instrument :
BNA_G
ClientSampleId :
TP-10(6-7)

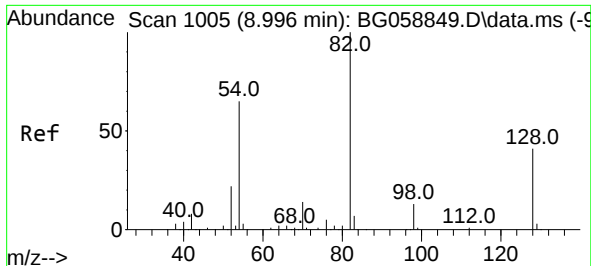
Tgt Ion: 99 Resp: 157261
Ion Ratio Lower Upper
99 100
42 22.9 16.5 24.7
71 38.7 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

Tgt Ion: 136 Resp: 74849
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 11.1 10.1 15.1
68 4.2 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 63.154 ng

RT: 8.969 min Scan# 1005

Delta R.T. -0.027 min

Lab File: BG058858.D

Acq: 25 Aug 2023 20:46

Instrument :

BNA_G

ClientSampleId :

TP-10(6-7)

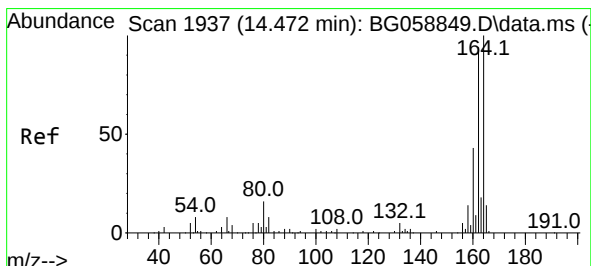
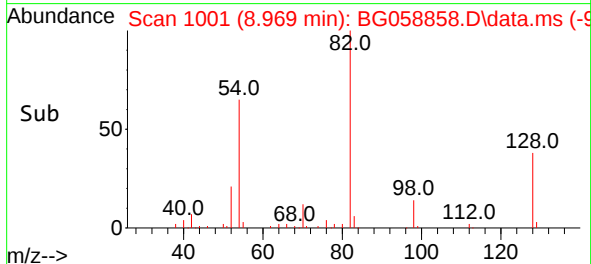
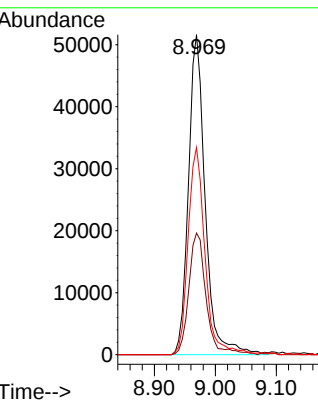
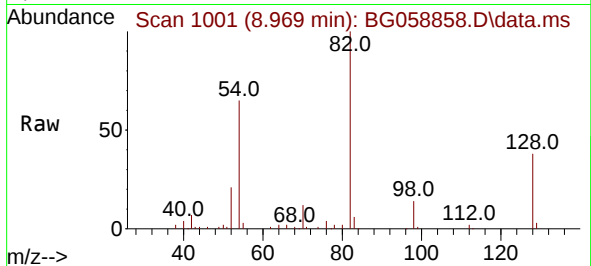
Tgt Ion: 82 Resp: 98320

Ion Ratio Lower Upper

82 100

128 38.0 33.2 49.8

54 64.8 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.015 min

Lab File: BG058858.D

Acq: 25 Aug 2023 20:46

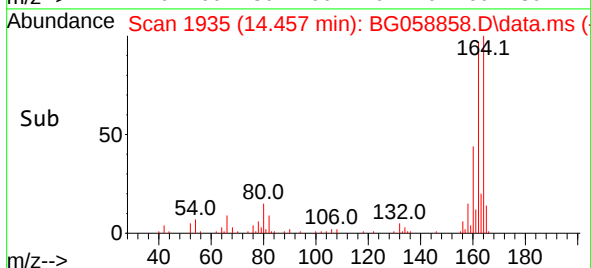
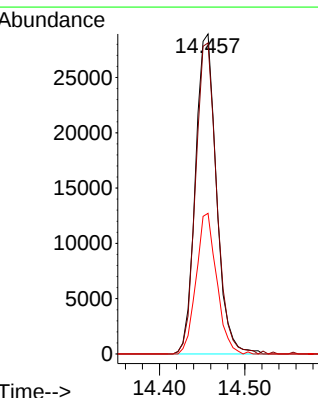
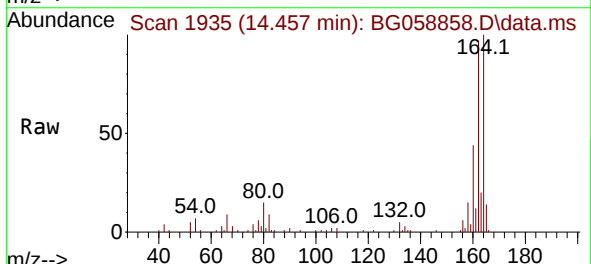
Tgt Ion:164 Resp: 49515

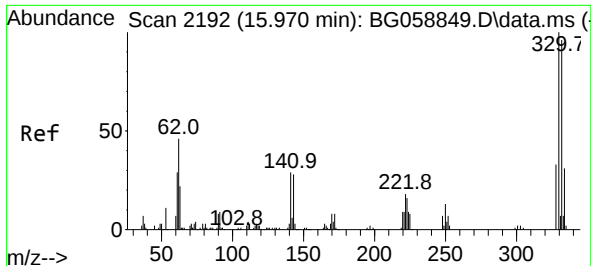
Ion Ratio Lower Upper

164 100

162 97.2 79.6 119.4

160 44.0 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 101.448 ng

RT: 15.943 min Scan# 21

Delta R.T. -0.027 min

Lab File: BG058858.D

Acq: 25 Aug 2023 20:46

Instrument :

BNA_G

ClientSampleId :

TP-10(6-7)

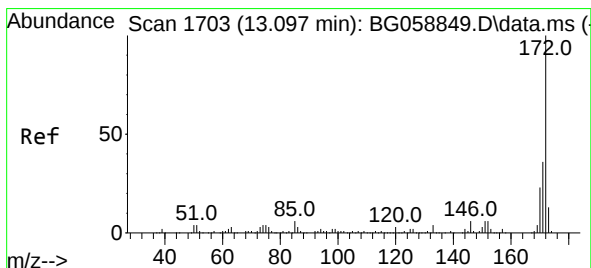
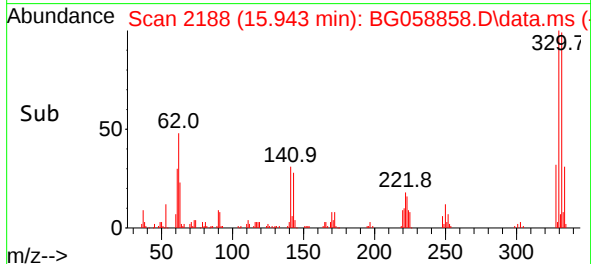
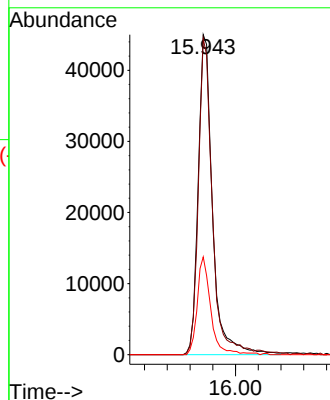
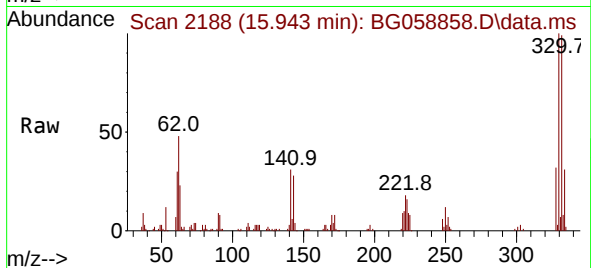
Tgt Ion:330 Resp: 78763

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

141 28.9 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 65.784 ng

RT: 13.070 min Scan# 1699

Delta R.T. -0.027 min

Lab File: BG058858.D

Acq: 25 Aug 2023 20:46

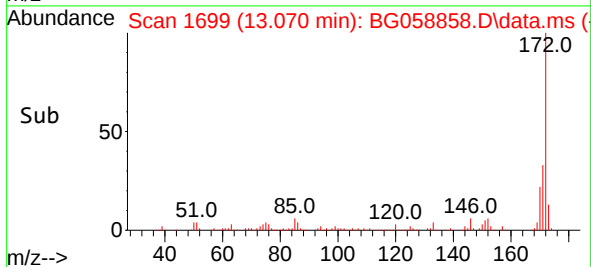
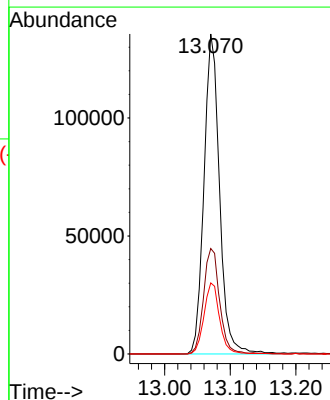
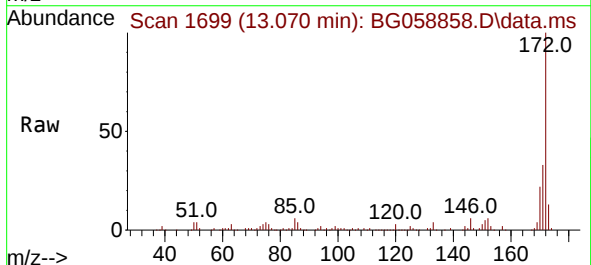
Tgt Ion:172 Resp: 223953

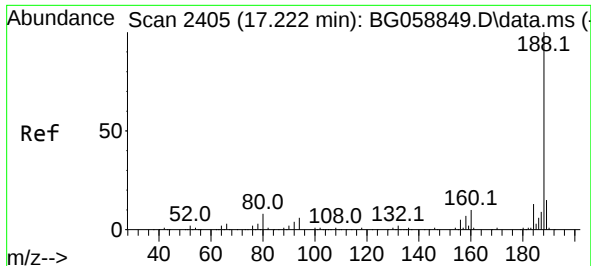
Ion Ratio Lower Upper

172 100

171 33.0 28.1 42.1

170 22.2 18.6 27.8

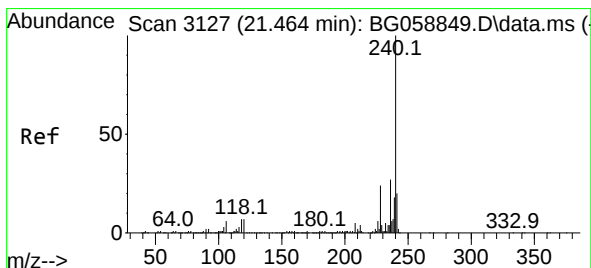
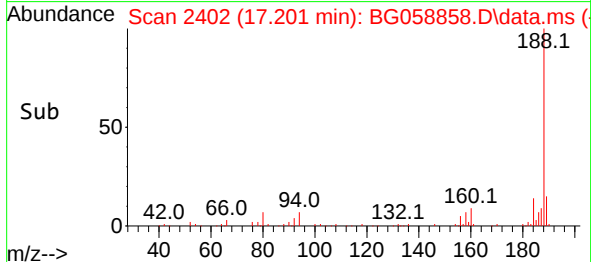
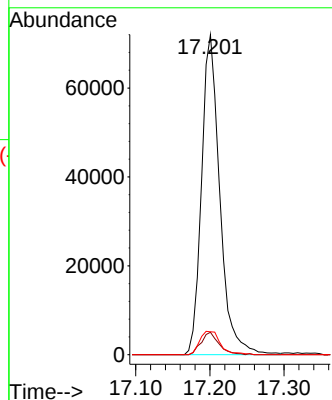
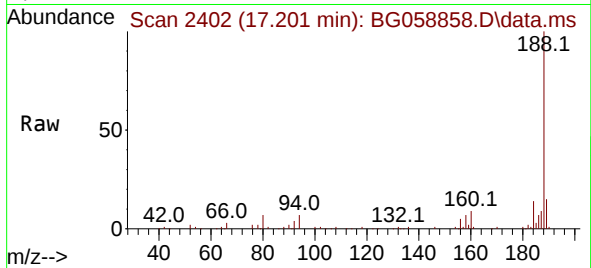




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

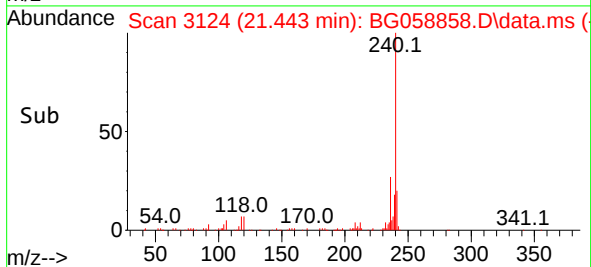
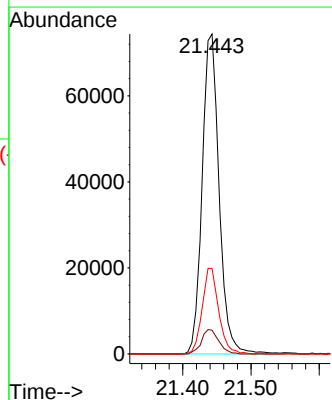
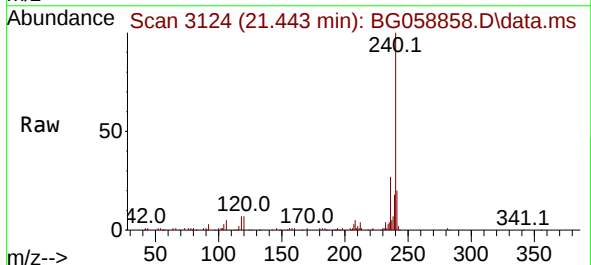
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TP-10(6-7)

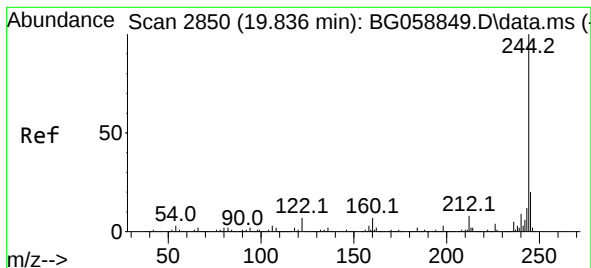
Tgt Ion:188 Resp: 123596
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 7.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.021 min
Lab File: BG058858.D
Acq: 25 Aug 2023 20:46

Tgt Ion:240 Resp: 128434
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.2
236 26.7 20.5 30.7





#79

Terphenyl-d14

Concen: 63.728 ng

RT: 19.815 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG058858.D

Acq: 25 Aug 2023 20:46

Instrument :

BNA_G

ClientSampleId :

TP-10(6-7)

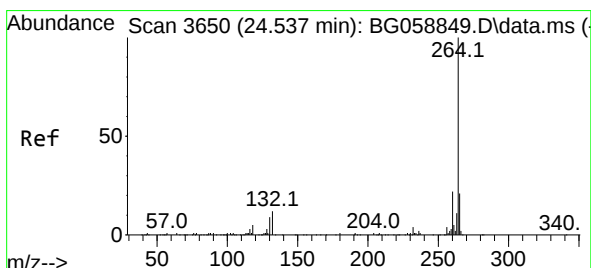
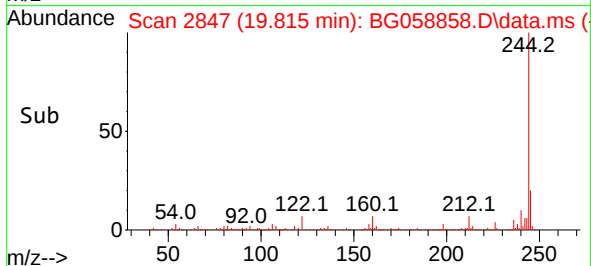
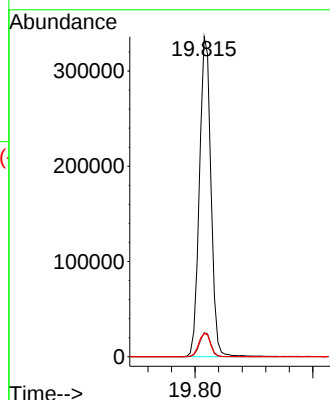
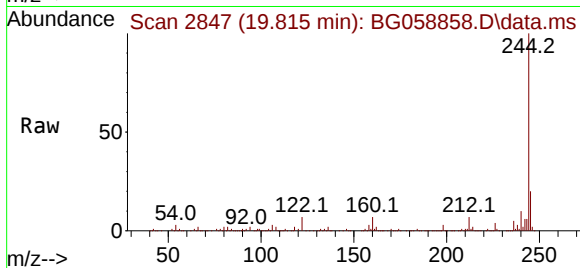
Tgt Ion:244 Resp: 455832

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 7.2 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.504 min Scan# 3645

Delta R.T. -0.033 min

Lab File: BG058858.D

Acq: 25 Aug 2023 20:46

Tgt Ion:264 Resp: 152072

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 21.4 16.4 24.6

