

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058855.D
 Acq On : 25 Aug 2023 18:43
 Operator : MA/JU
 Sample : 04093-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-20230818

Quant Time: Aug 26 09:18:01 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	7.803	152	19328	20.000	ng	-0.02
21) Naphthalene-d8	10.605	136	75732	20.000	ng	#-0.02
39) Acenaphthene-d10	14.454	164	52132	20.000	ng	-0.02
64) Phenanthrene-d10	17.197	188	131710	20.000	ng	-0.02
76) Chrysene-d12	21.439	240	135079	20.000	ng	-0.02
86) Perylene-d12	24.506	264	162017	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	60488	50.363	ng	-0.02
7) Phenol-d6	6.980	99	42418	25.173	ng	-0.02
23) Nitrobenzene-d5	8.972	82	136070	86.383	ng	-0.02
42) 2,4,6-Tribromophenol	15.946	330	114521	140.101	ng	-0.02
45) 2-Fluorobiphenyl	13.073	172	300822	83.928	ng	-0.02
79) Terphenyl-d14	19.818	244	599064	79.633	ng	-0.02

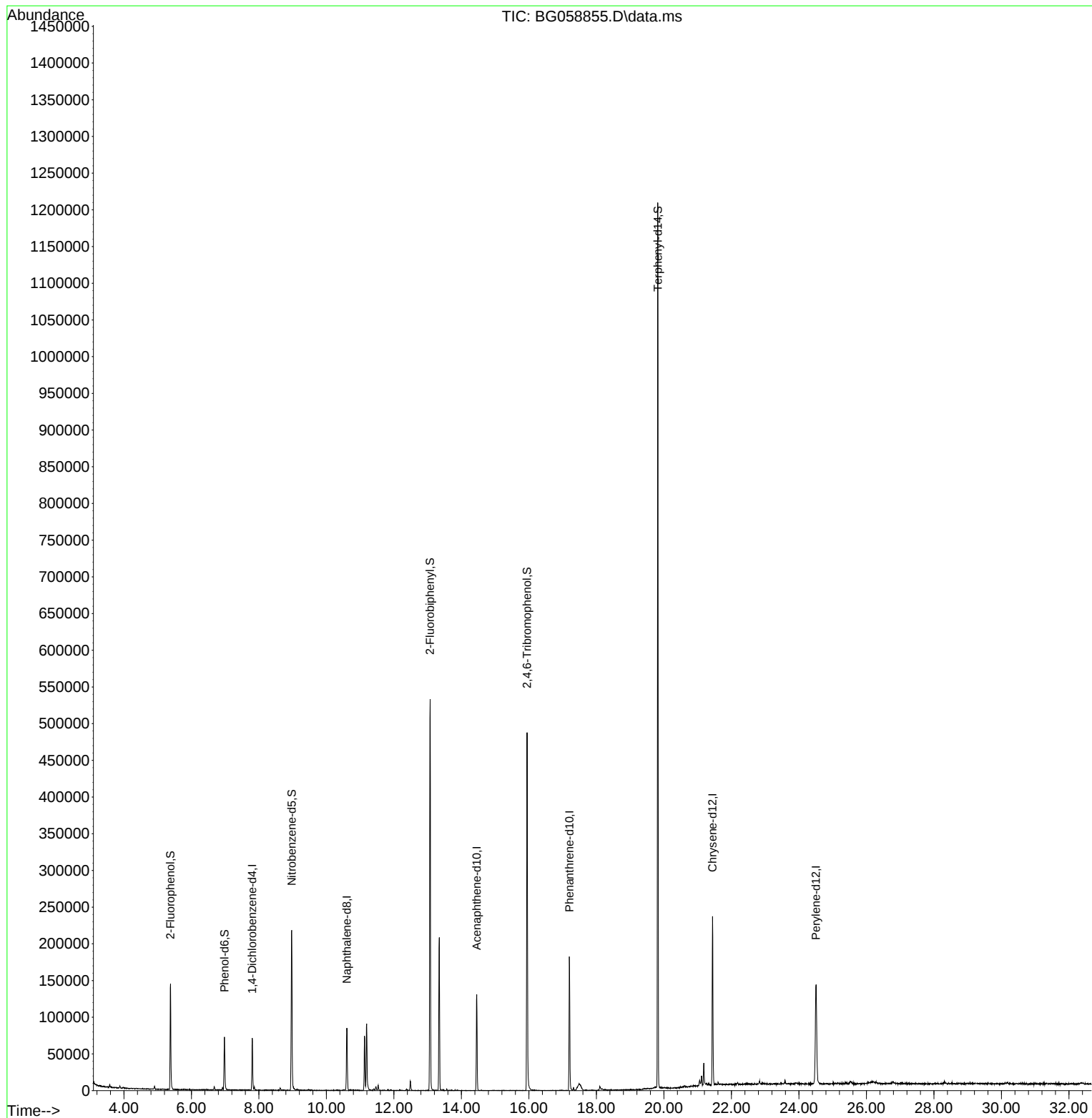
Target Compounds	Qvalue

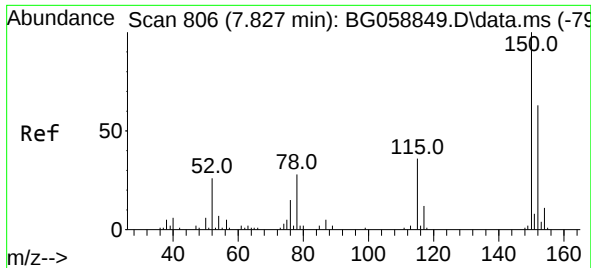
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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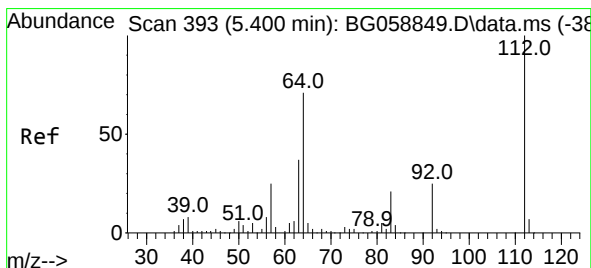
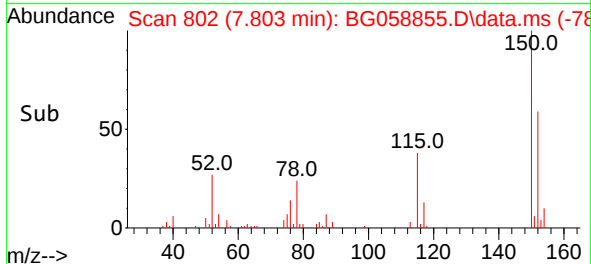
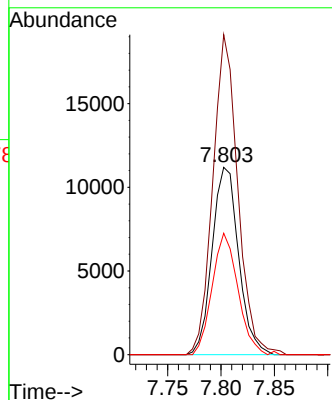
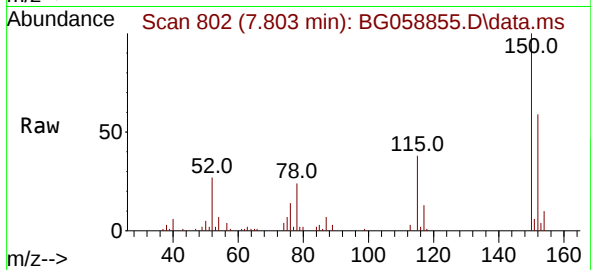




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.803 min Scan# 80
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

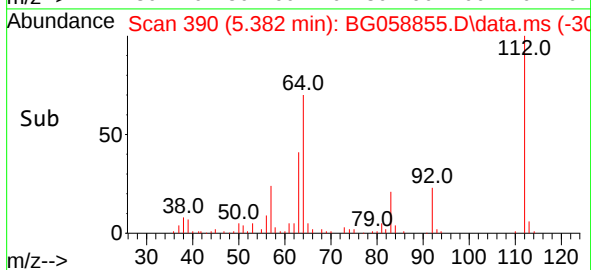
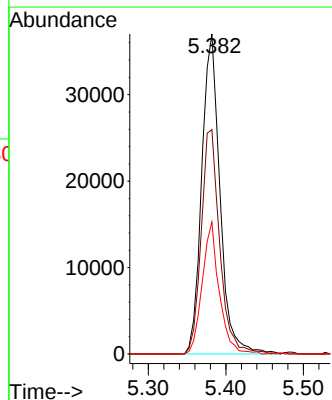
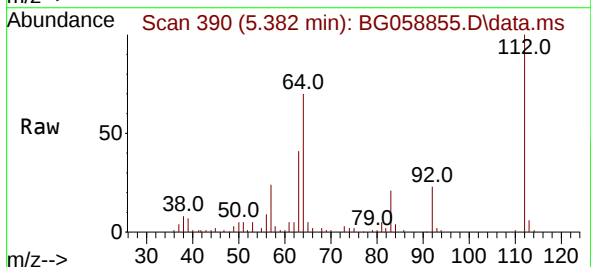
Instrument :
BNA_G
ClientSampleId :
EB-20230818

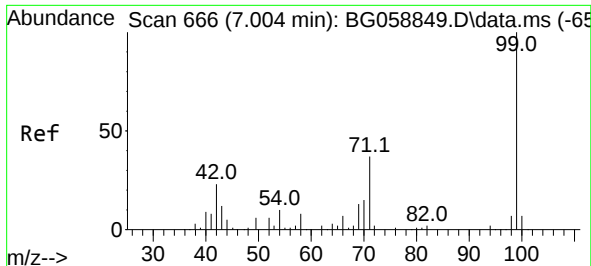
Tgt Ion:152 Resp: 19328
Ion Ratio Lower Upper
152 100
150 170.8 128.6 192.8
115 64.8 50.4 75.6



#5
2-Fluorophenol
Concen: 50.363 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.018 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

Tgt Ion:112 Resp: 60488
Ion Ratio Lower Upper
112 100
64 70.1 60.6 90.8
63 41.3 31.0 46.4

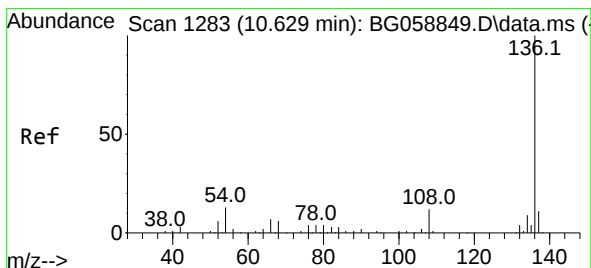
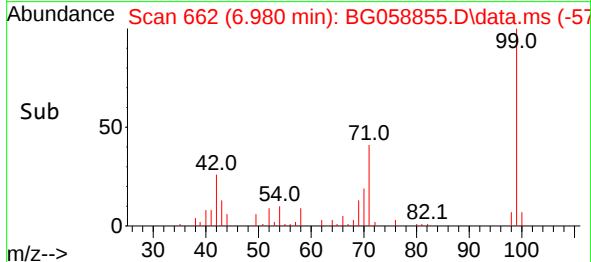
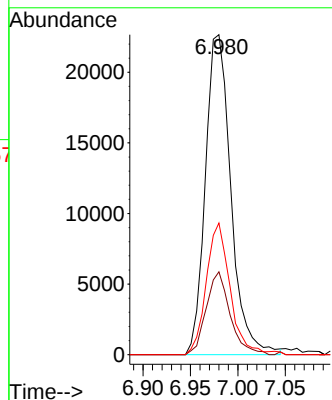
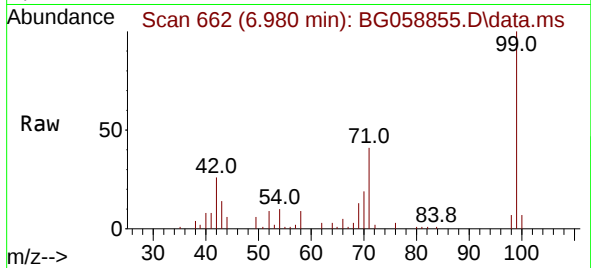




#7
Phenol-d6
Concen: 25.173 ng
RT: 6.980 min Scan# 61
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

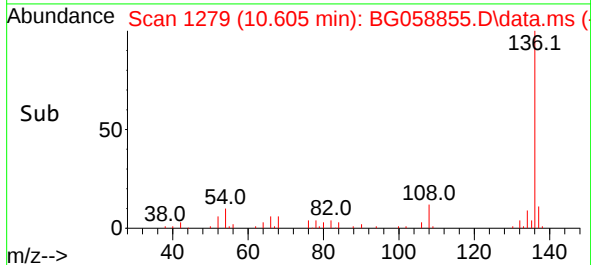
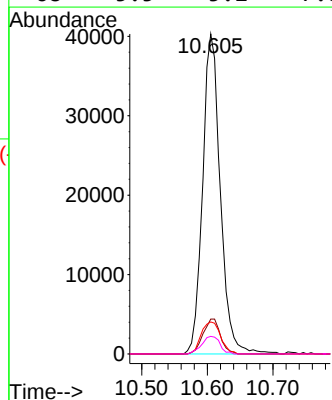
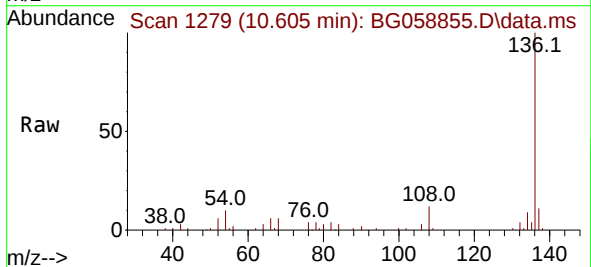
Instrument :
BNA_G
ClientSampleId :
EB-20230818

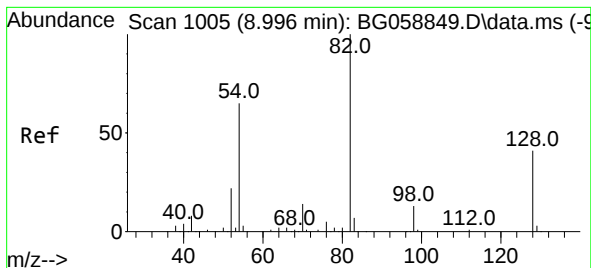
Tgt Ion: 99 Resp: 42418
Ion Ratio Lower Upper
99 100
42 25.9 16.5 24.7#
71 41.2 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1279
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

Tgt Ion: 136 Resp: 75732
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.0 10.1 15.1#
68 5.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 86.383 ng

RT: 8.972 min Scan# 1005

Delta R.T. -0.024 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

Instrument :

BNA_G

ClientSampleId :

EB-20230818

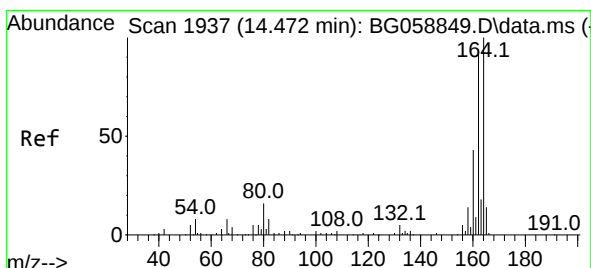
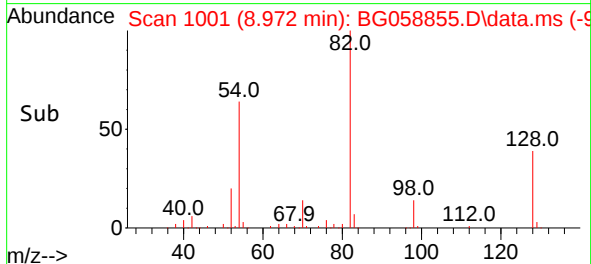
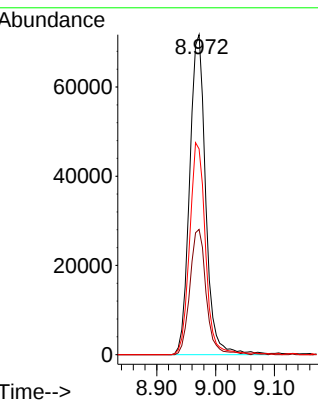
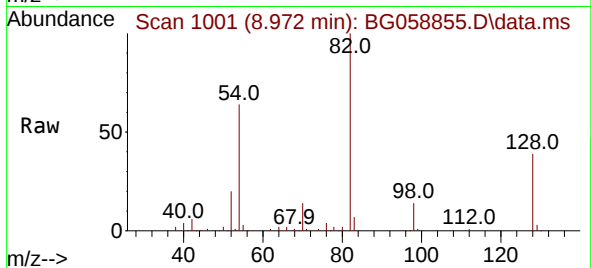
Tgt Ion: 82 Resp: 136070

Ion Ratio Lower Upper

82 100

128 39.1 33.2 49.8

54 64.3 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.454 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

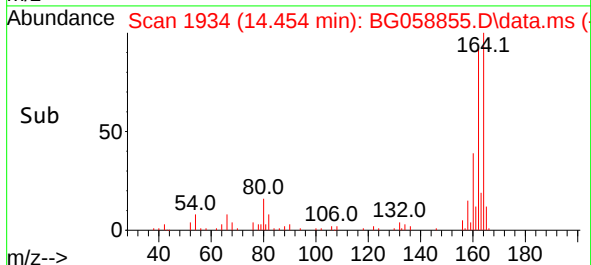
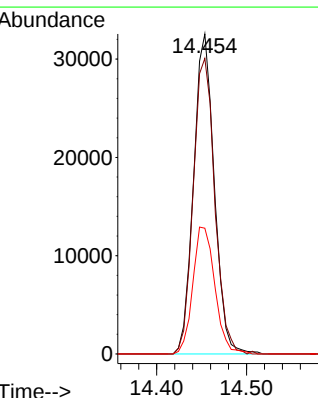
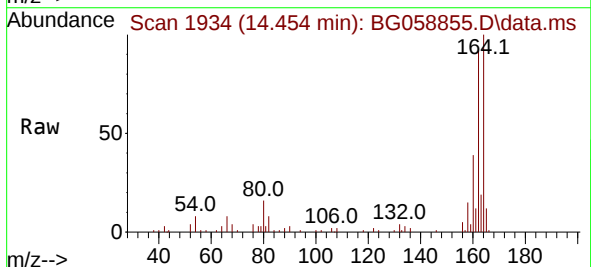
Tgt Ion:164 Resp: 52132

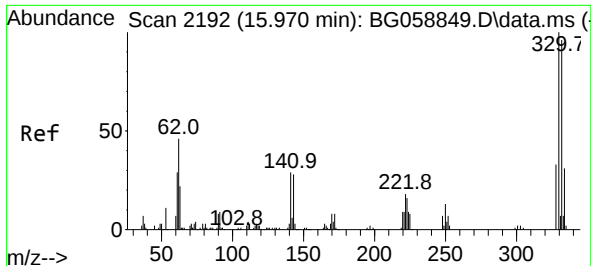
Ion Ratio Lower Upper

164 100

162 92.4 79.6 119.4

160 39.3 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 140.101 ng

RT: 15.946 min Scan# 21

Delta R.T. -0.024 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

Instrument :

BNA_G

ClientSampleId :

EB-20230818

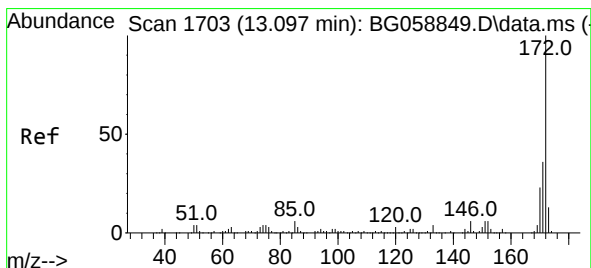
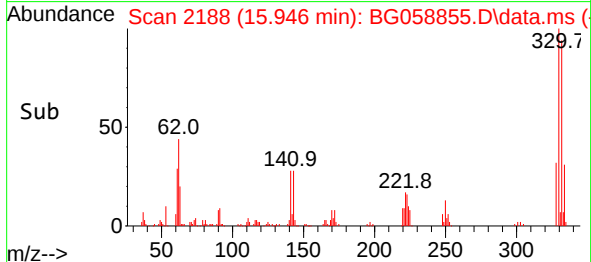
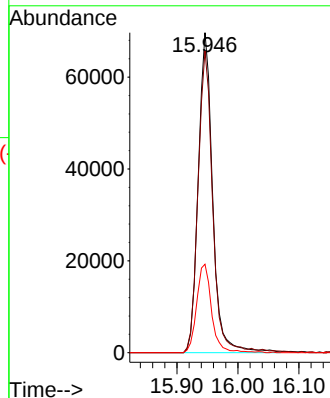
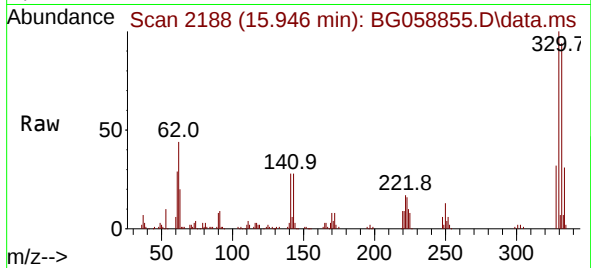
Tgt Ion:330 Resp: 114521

Ion Ratio Lower Upper

330 100

332 95.1 78.5 117.7

141 28.7 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 83.928 ng

RT: 13.073 min Scan# 1699

Delta R.T. -0.024 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

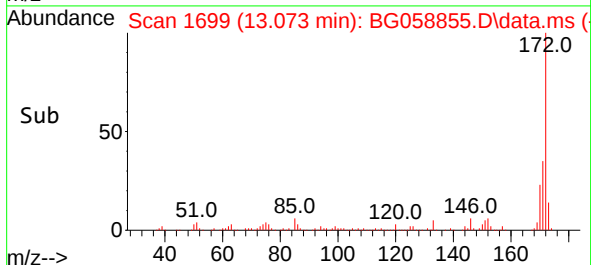
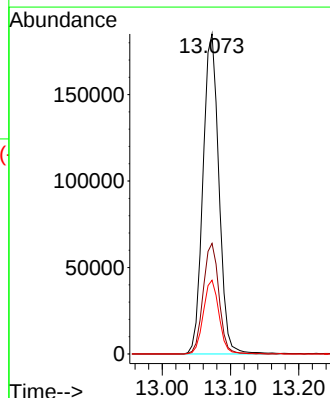
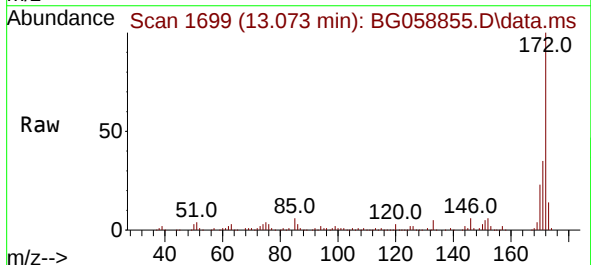
Tgt Ion:172 Resp: 300822

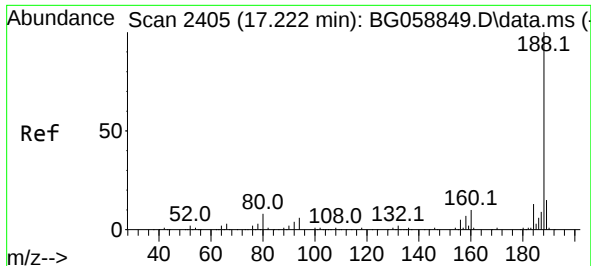
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.1 18.6 27.8

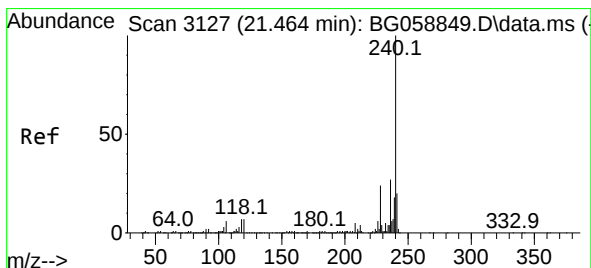
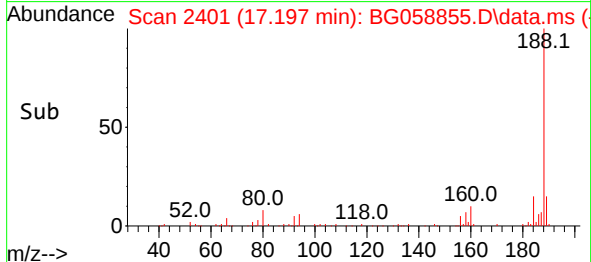
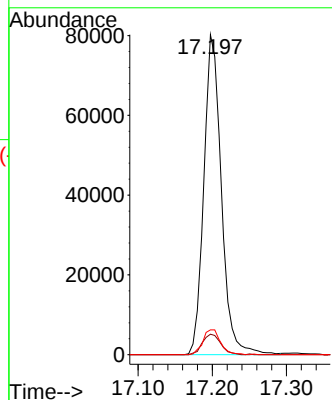
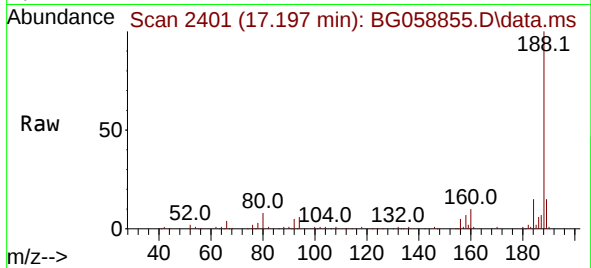




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.197 min Scan# 2401
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

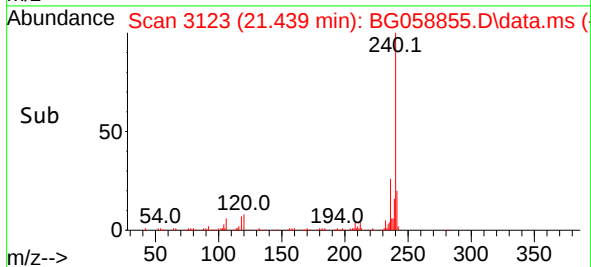
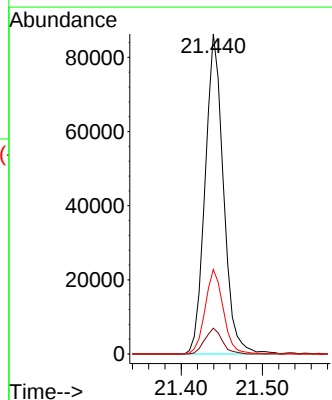
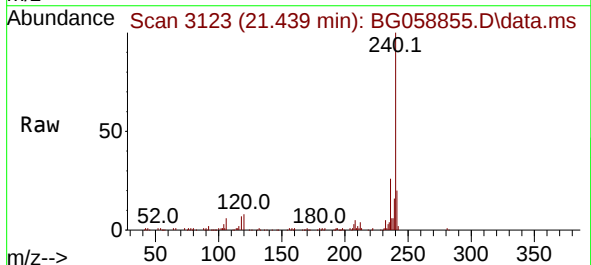
Instrument :
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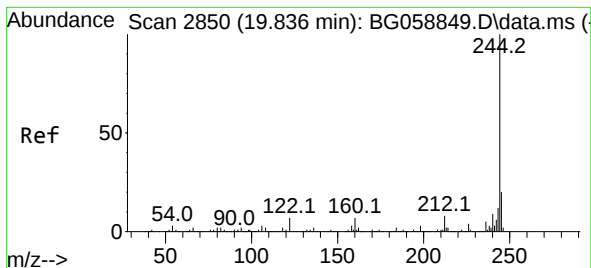
Tgt Ion:188 Resp: 131710
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 7.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3123
Delta R.T. -0.024 min
Lab File: BG058855.D
Acq: 25 Aug 2023 18:43

Tgt Ion:240 Resp: 135079
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 26.4 20.5 30.7





#79

Terphenyl-d14

Concen: 79.633 ng

RT: 19.818 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

Instrument :

BNA_G

ClientSampleId :

EB-20230818

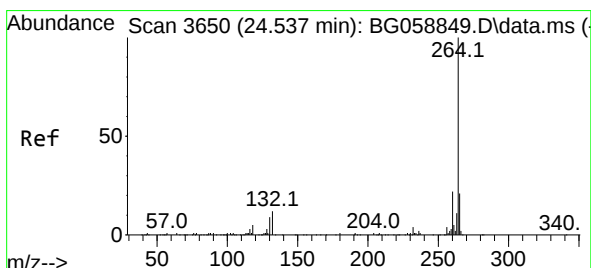
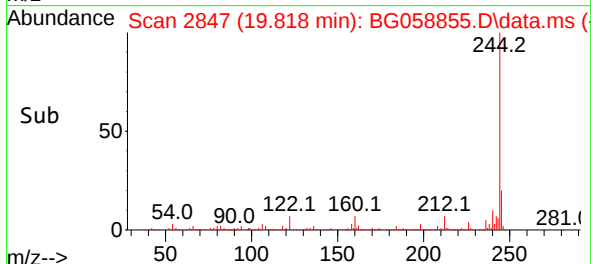
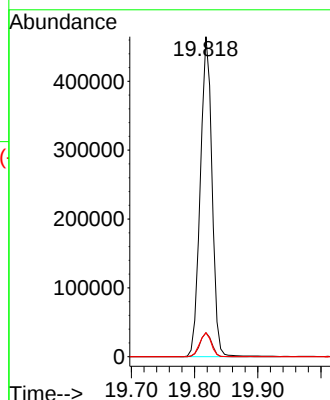
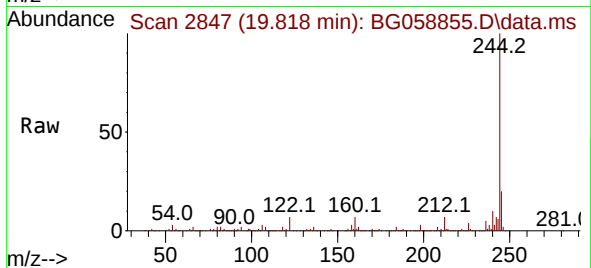
Tgt Ion:244 Resp: 599064

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 7.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.506 min Scan# 3645

Delta R.T. -0.030 min

Lab File: BG058855.D

Acq: 25 Aug 2023 18:43

Tgt Ion:264 Resp: 162017

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 19.8 16.4 24.6

