

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058823.D
 Acq On : 23 Aug 2023 15:34
 Operator : MA/JU
 Sample : 04110-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-03(2-4)

Quant Time: Aug 23 16:08:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	15931	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	73544	20.000	ng	0.00
39) Acenaphthene-d10	14.453	164	60855	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	157315	20.000	ng	0.00
76) Chrysene-d12	21.445	240	137250	20.000	ng	0.00
86) Perylene-d12	24.518	264	167397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	96134	97.109	ng	0.00
7) Phenol-d6	6.980	99	136800	98.493	ng	0.00
23) Nitrobenzene-d5	8.971	82	82080	53.658	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	81869	85.799	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	220912	52.799	ng	0.00
79) Terphenyl-d14	19.823	244	457057	59.795	ng	0.00

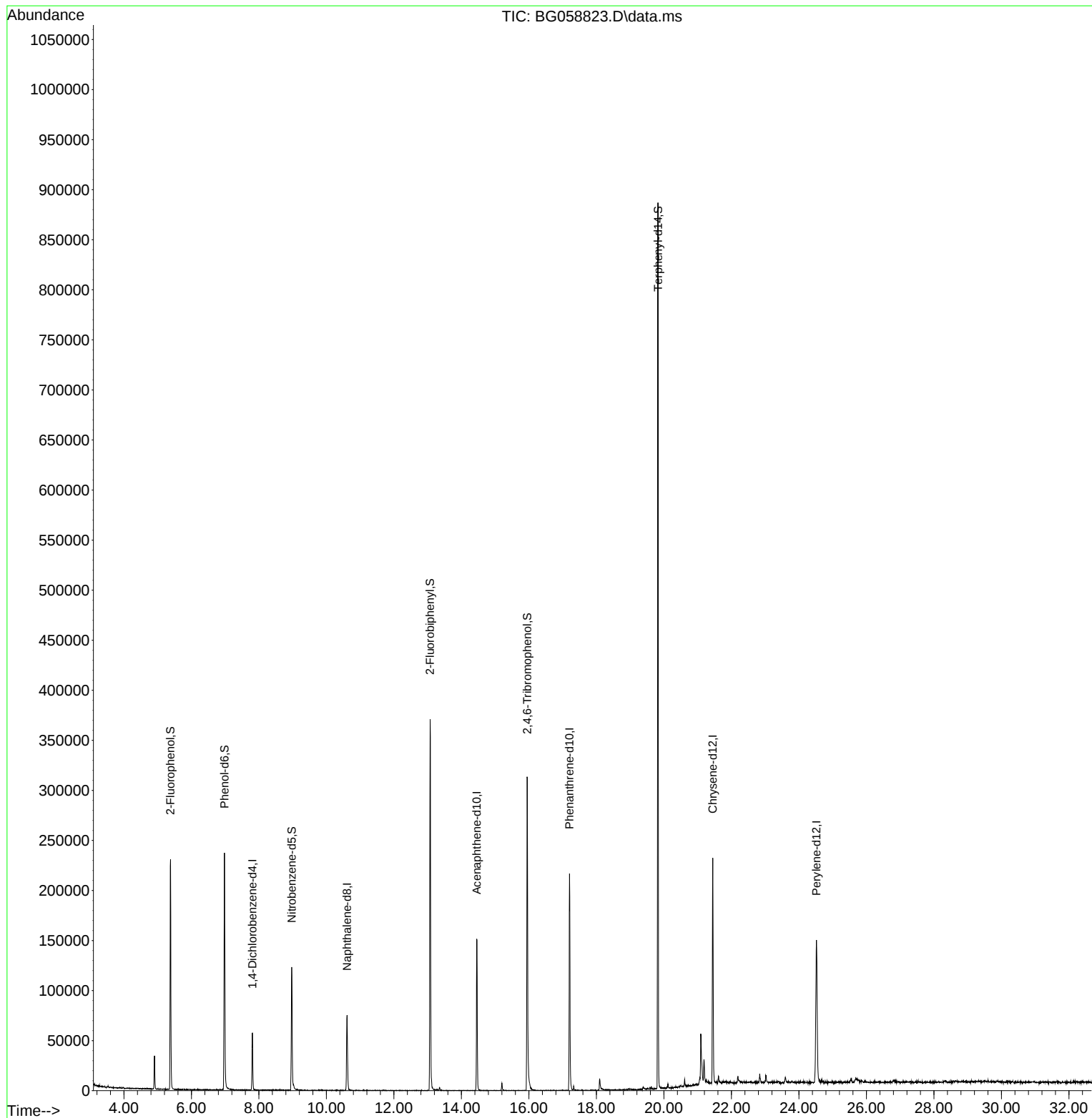
Target Compounds	Qvalue

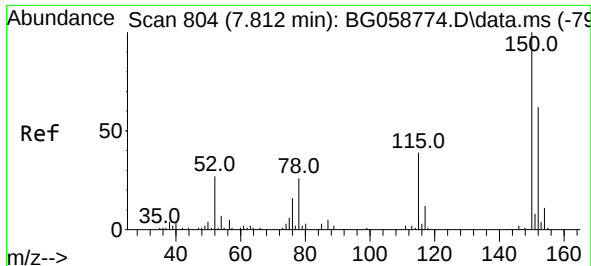
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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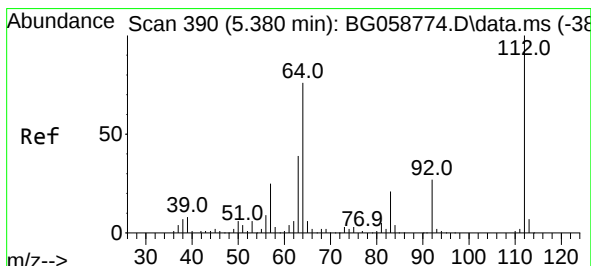
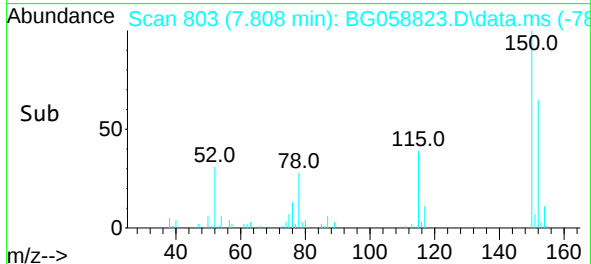
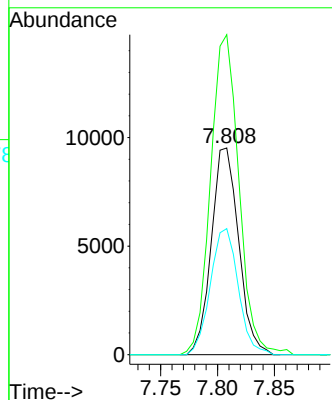
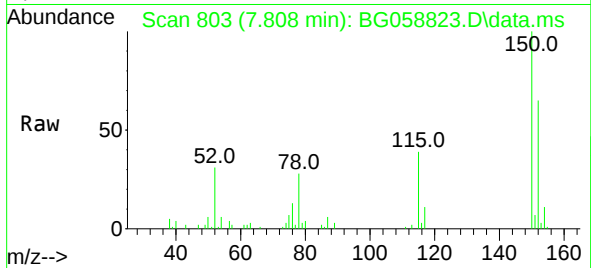




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

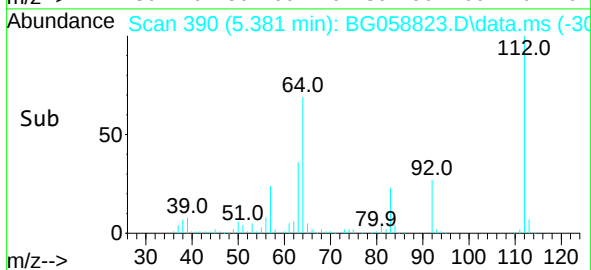
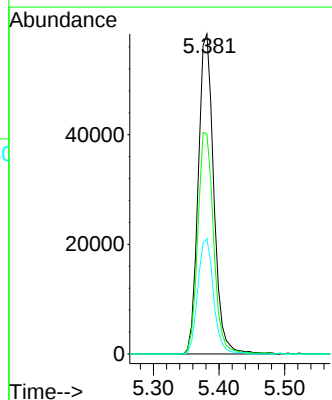
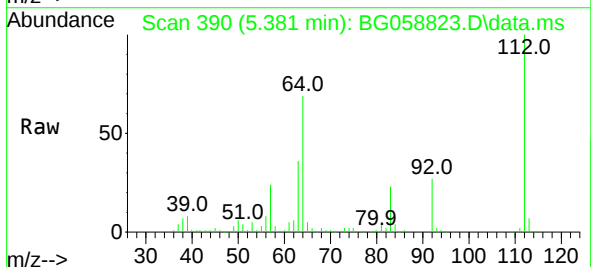
Instrument :
BNA_G
ClientSampleId :
TP-03(2-4)

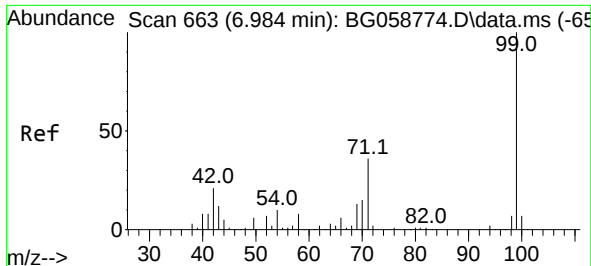
Tgt Ion:152 Resp: 15931
Ion Ratio Lower Upper
152 100
150 154.8 128.6 192.8
115 61.0 50.4 75.6



#5
2-Fluorophenol
Concen: 97.109 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

Tgt Ion:112 Resp: 96134
Ion Ratio Lower Upper
112 100
64 68.6 60.6 90.8
63 36.1 31.0 46.4





#7

Phenol-d6

Concen: 98.493 ng

RT: 6.980 min Scan# 6

Delta R.T. -0.004 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_G

ClientSampleId :

TP-03(2-4)

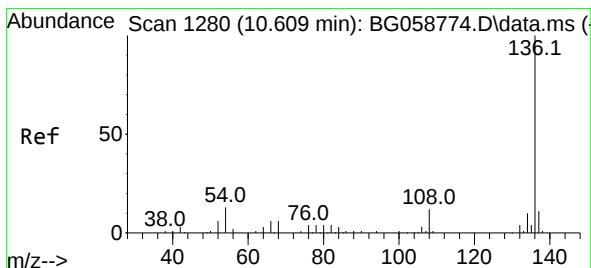
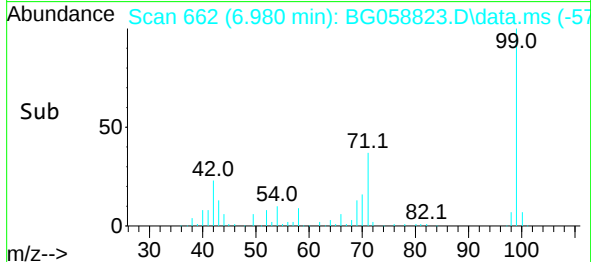
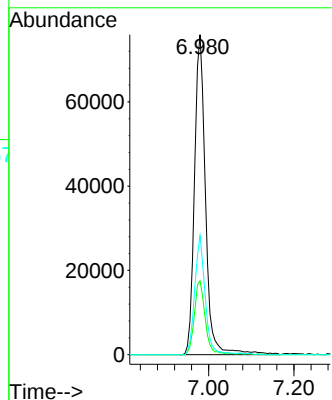
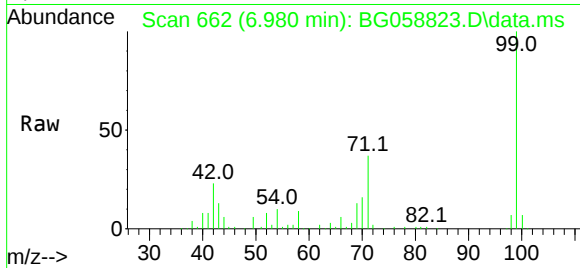
Tgt Ion: 99 Resp: 136800

Ion Ratio Lower Upper

99 100

42 23.1 16.5 24.7

71 37.2 28.4 42.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.611 min Scan# 1280

Delta R.T. 0.002 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

Tgt Ion: 136 Resp: 73544

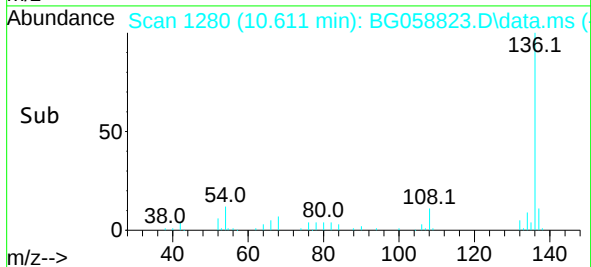
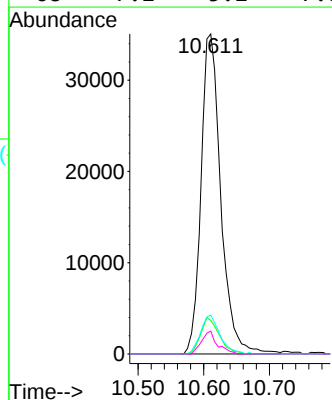
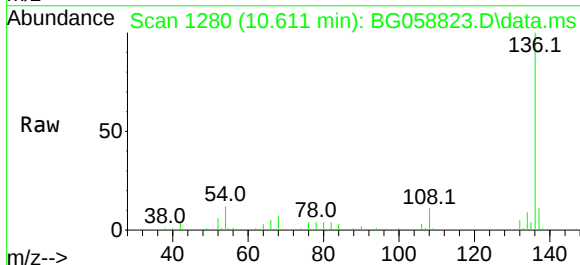
Ion Ratio Lower Upper

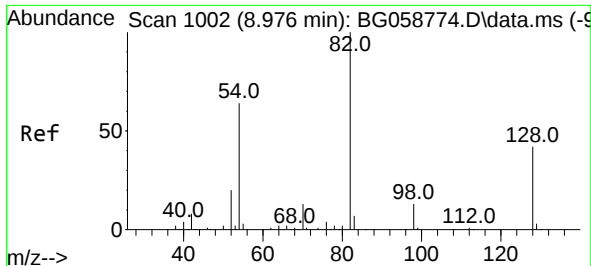
136 100

137 10.5 8.7 13.1

54 12.8 10.1 15.1

68 7.2 5.2 7.8

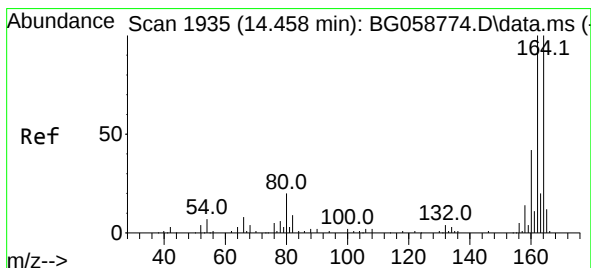
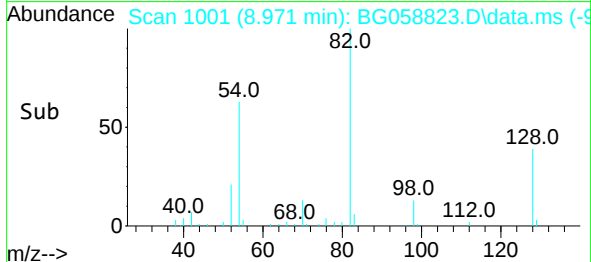
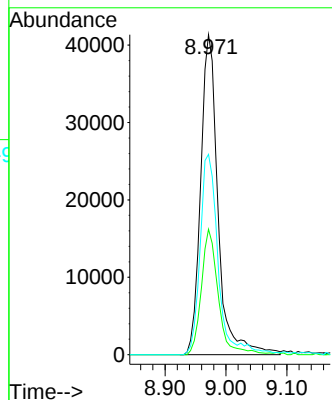
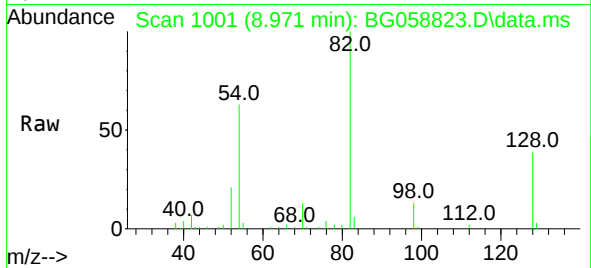




#23
Nitrobenzene-d5
Concen: 53.658 ng
RT: 8.971 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

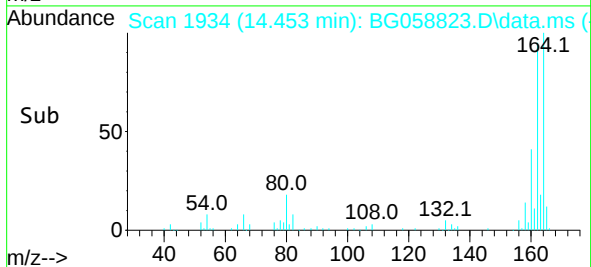
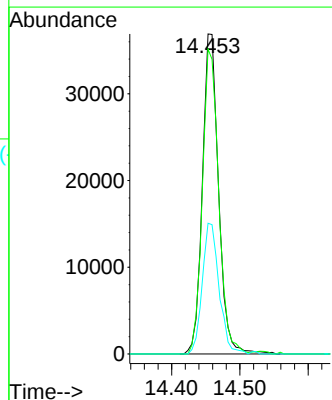
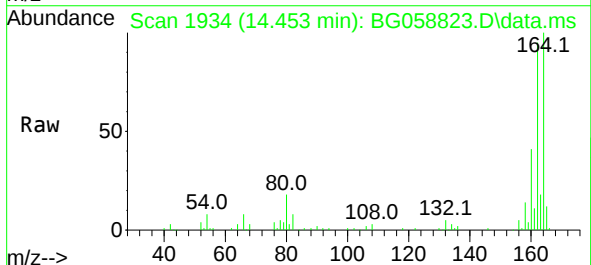
Instrument :
BNA_G
ClientSampleId :
TP-03(2-4)

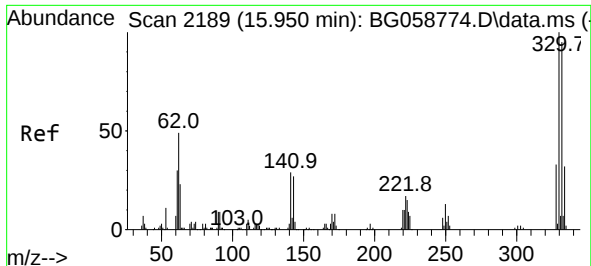
Tgt Ion: 82 Resp: 82080
Ion Ratio Lower Upper
82 100
128 39.2 33.2 49.8
54 62.6 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.453 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

Tgt Ion:164 Resp: 60855
Ion Ratio Lower Upper
164 100
162 95.3 79.6 119.4
160 40.8 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 85.799 ng

RT: 15.951 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_G

ClientSampleId :

TP-03(2-4)

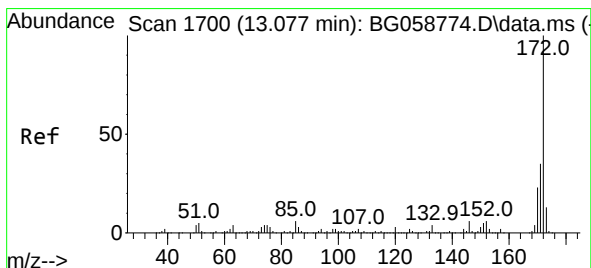
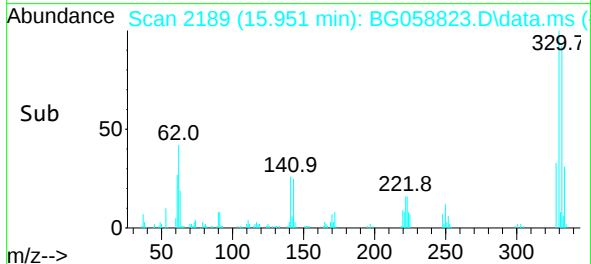
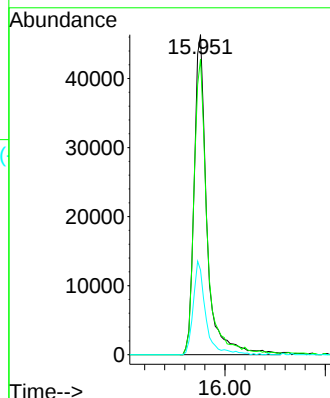
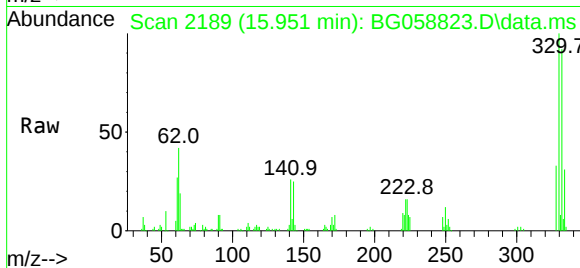
Tgt Ion:330 Resp: 81869

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

141 28.5 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 52.799 ng

RT: 13.072 min Scan# 1699

Delta R.T. -0.005 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

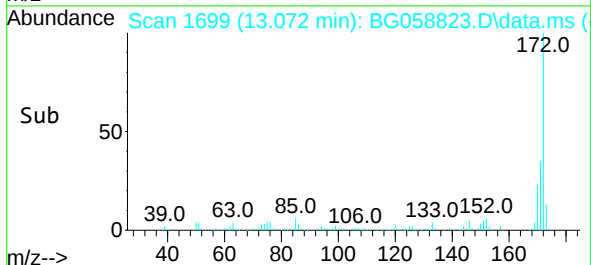
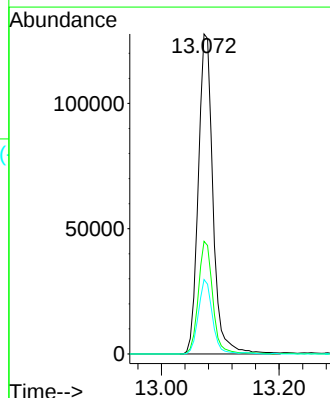
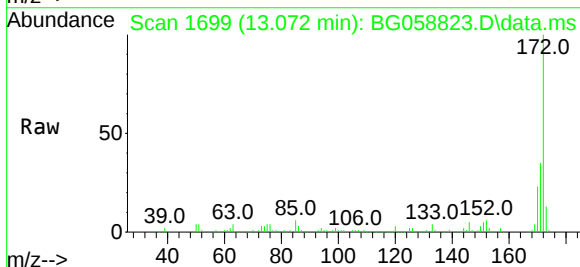
Tgt Ion:172 Resp: 220912

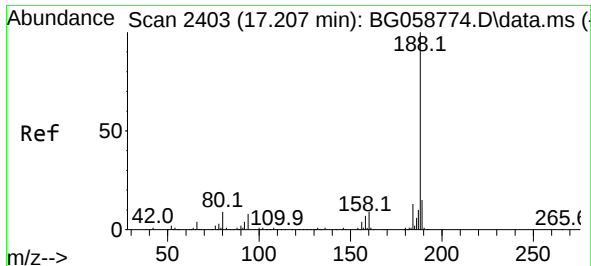
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.3 18.6 27.8

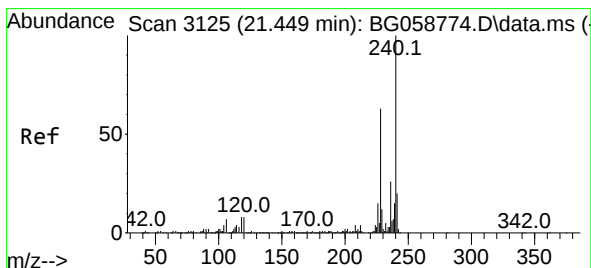
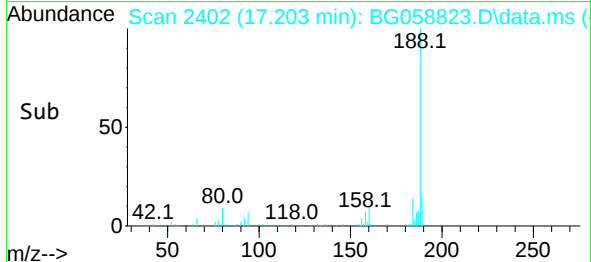
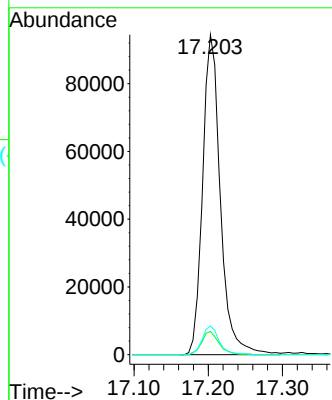
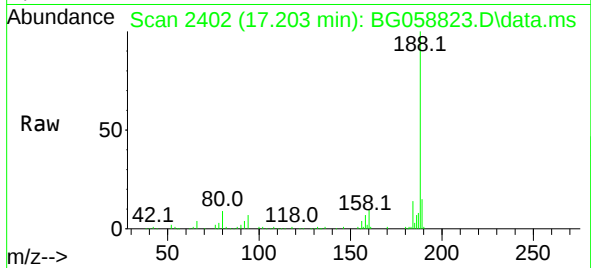




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2403
Delta R.T. -0.004 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

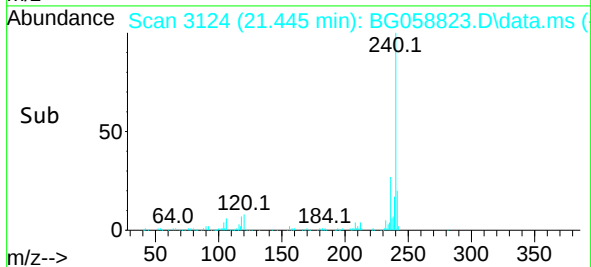
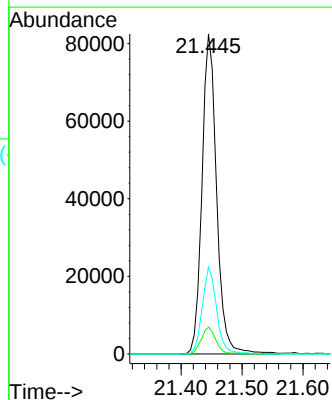
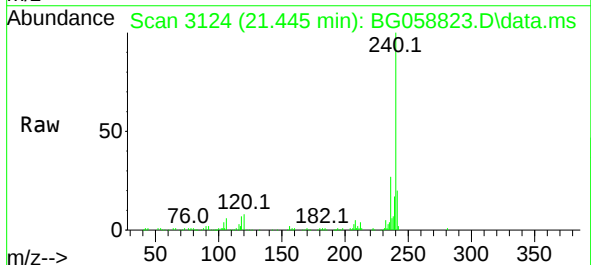
Instrument :
BNA_G
ClientSampleId :
TP-03(2-4)

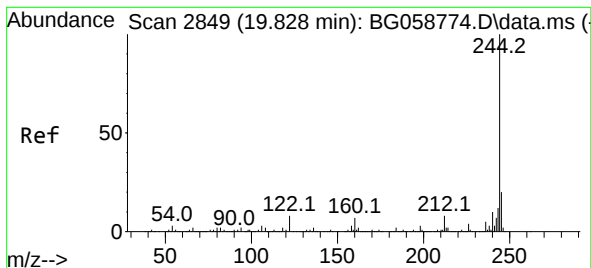
Tgt Ion:188 Resp: 157315
Ion Ratio Lower Upper
188 100
94 7.3 6.1 9.1
80 9.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG058823.D
Acq: 23 Aug 2023 15:34

Tgt Ion:240 Resp: 137250
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 27.2 20.5 30.7





#79

Terphenyl-d14

Concen: 59.795 ng

RT: 19.823 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

Instrument :

BNA_G

ClientSampleId :

TP-03(2-4)

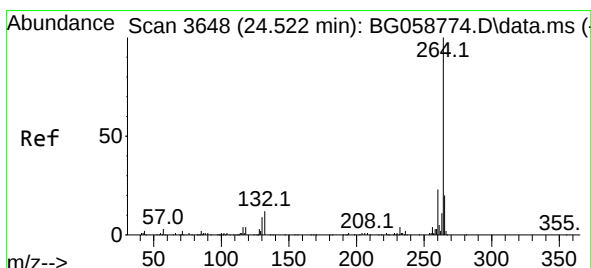
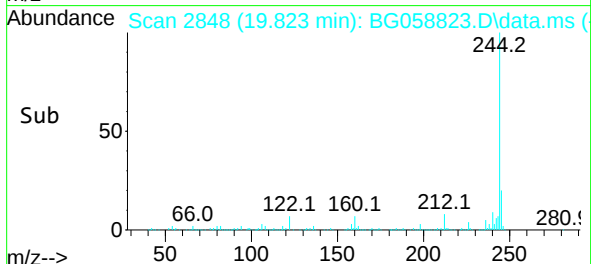
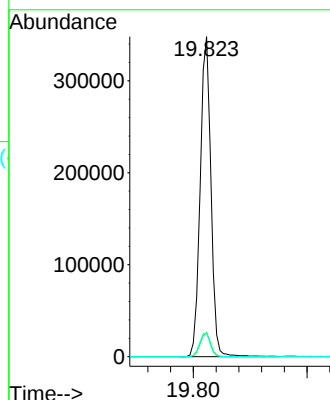
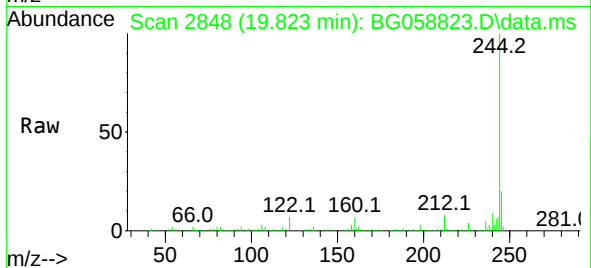
Tgt Ion:244 Resp: 457057

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: 24.518 min Scan# 3647

Delta R.T. -0.004 min

Lab File: BG058823.D

Acq: 23 Aug 2023 15:34

Tgt Ion:264 Resp: 167397

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 21.8 16.4 24.6

