

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058861.D
 Acq On : 25 Aug 2023 22:50
 Operator : MA/JU
 Sample : 04109-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-06(4-5)

Quant Time: Aug 26 09:19:41 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	19874	20.000	ng	-0.02
21) Naphthalene-d8	10.602	136	72310	20.000	ng	-0.03
39) Acenaphthene-d10	14.451	164	48926	20.000	ng	-0.02
64) Phenanthrene-d10	17.201	188	121053	20.000	ng	-0.02
76) Chrysene-d12	21.437	240	118465	20.000	ng	-0.03
86) Perylene-d12	24.498	264	141976	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	94563	76.571	ng	-0.02
7) Phenol-d6	6.977	99	121194	69.945	ng	-0.03
23) Nitrobenzene-d5	8.969	82	73370	48.782	ng	-0.03
42) 2,4,6-Tribromophenol	15.949	330	61340	79.958	ng	-0.02
45) 2-Fluorobiphenyl	13.070	172	177071	52.639	ng	-0.03
79) Terphenyl-d14	19.815	244	342346	51.890	ng	-0.02

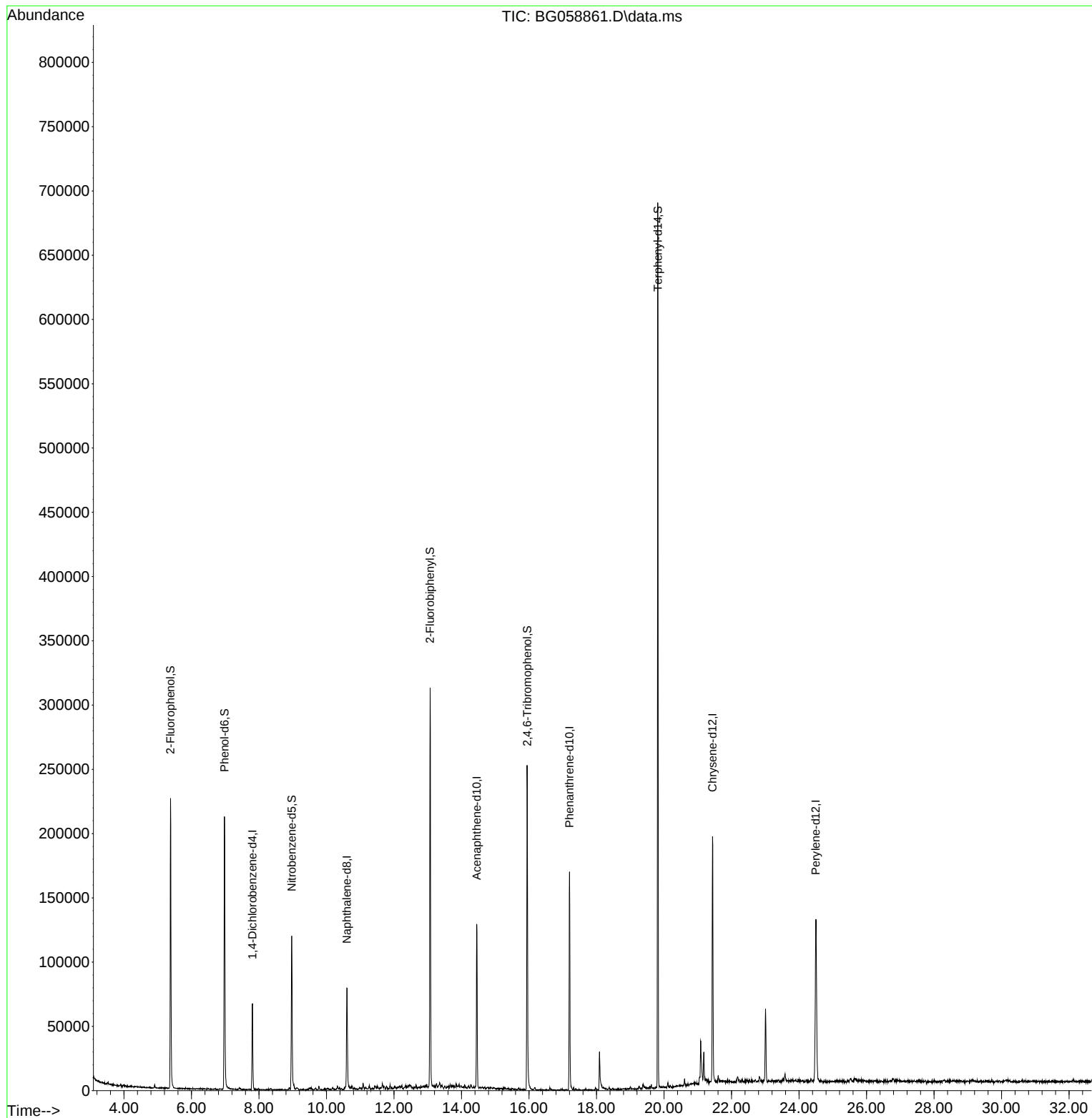
Target Compounds	Qvalue

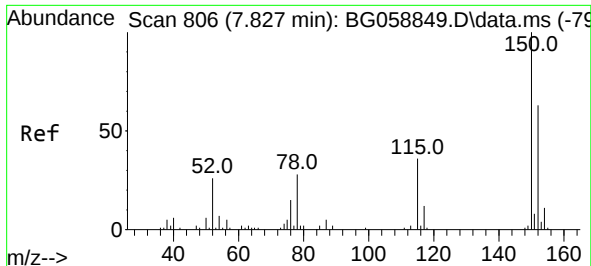
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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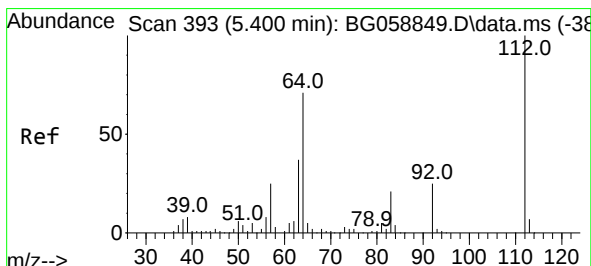
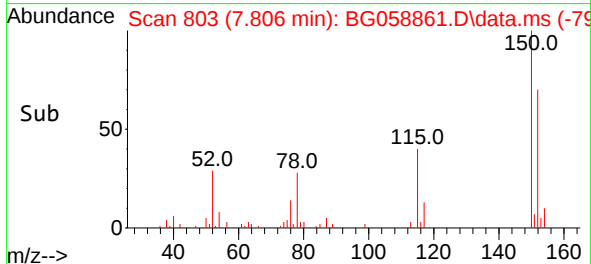
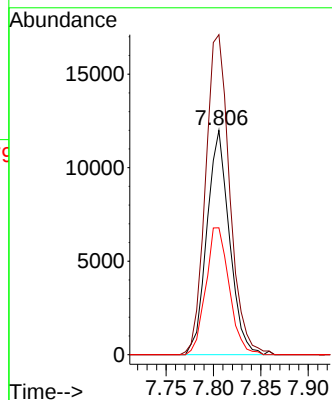
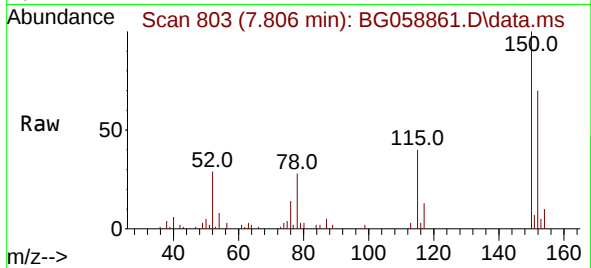




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 806
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

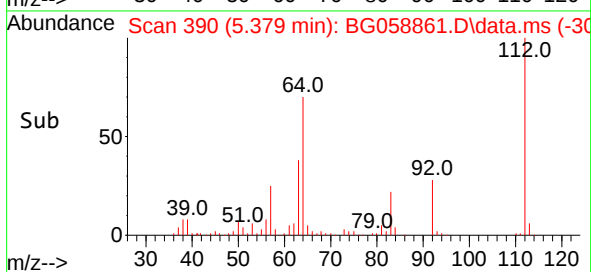
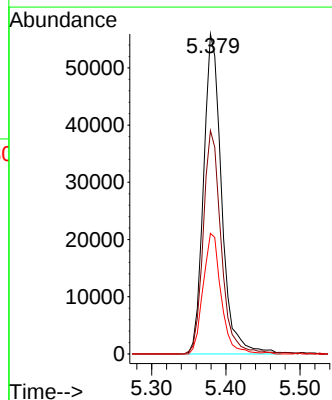
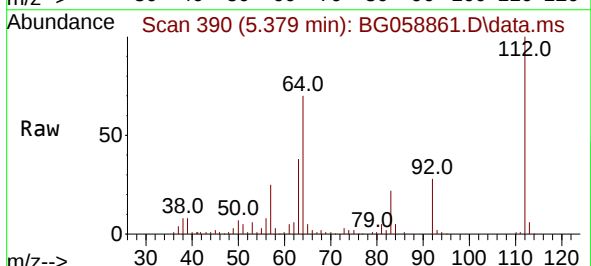
Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

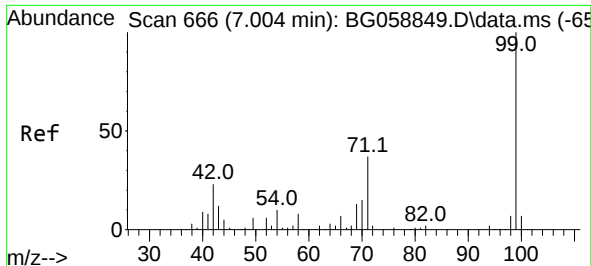
Tgt Ion:152 Resp: 19874
Ion Ratio Lower Upper
152 100
150 142.6 128.6 192.8
115 56.5 50.4 75.6



#5
2-Fluorophenol
Concen: 76.571 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion:112 Resp: 94563
Ion Ratio Lower Upper
112 100
64 69.8 60.6 90.8
63 37.7 31.0 46.4

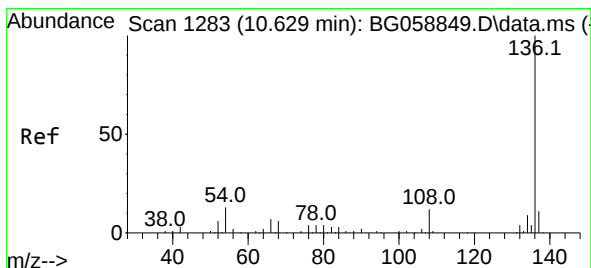
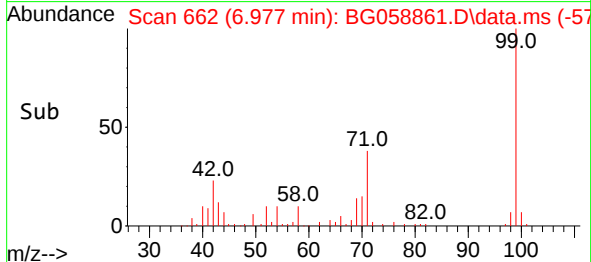
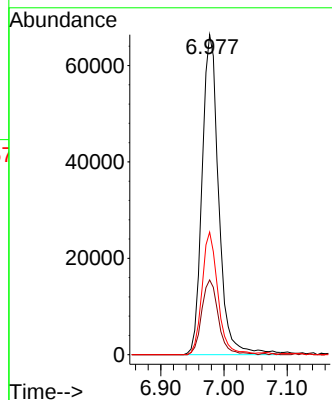
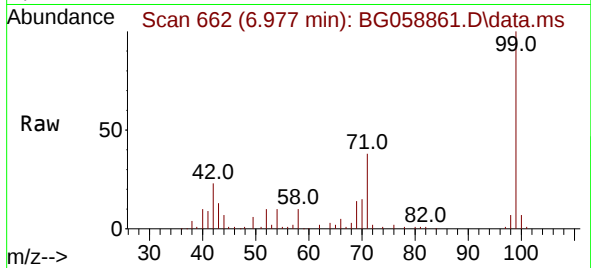




#7
Phenol-d6
Concen: 69.945 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.027 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

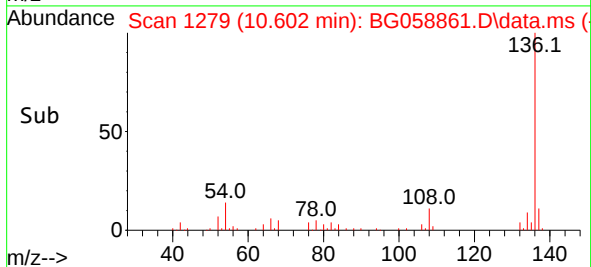
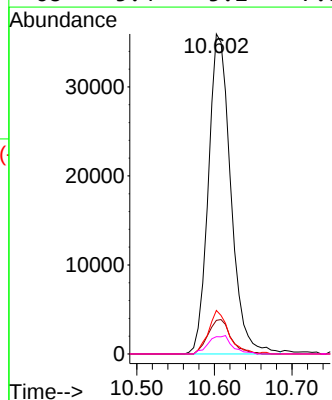
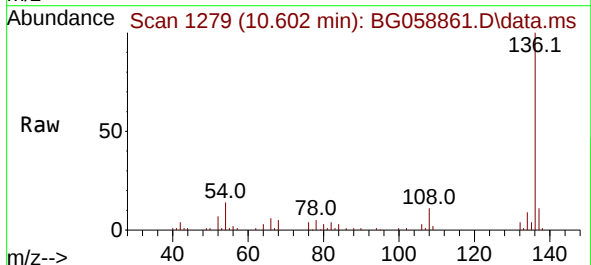
Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

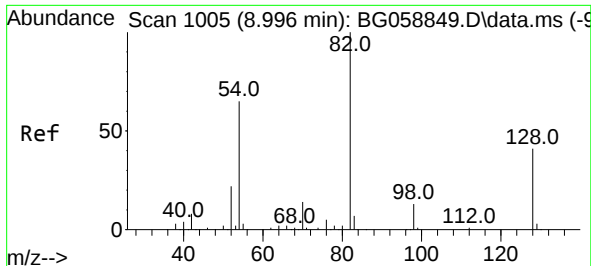
Tgt Ion: 99 Resp: 121194
Ion Ratio Lower Upper
99 100
42 23.4 16.5 24.7
71 38.3 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.027 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion: 136 Resp: 72310
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 13.6 10.1 15.1
68 5.4 5.2 7.8

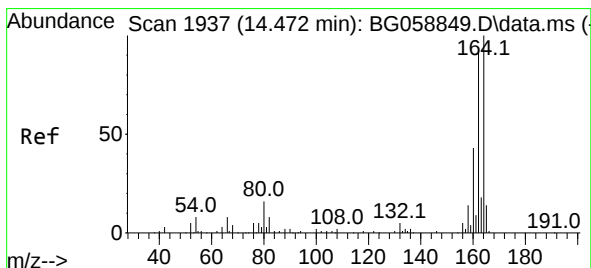
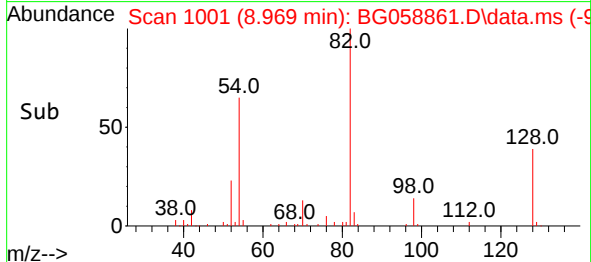
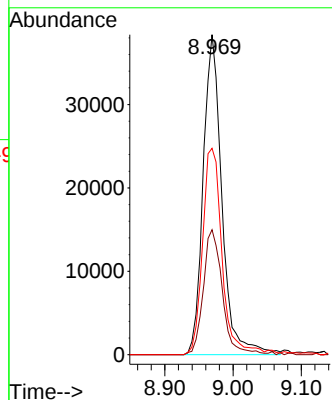
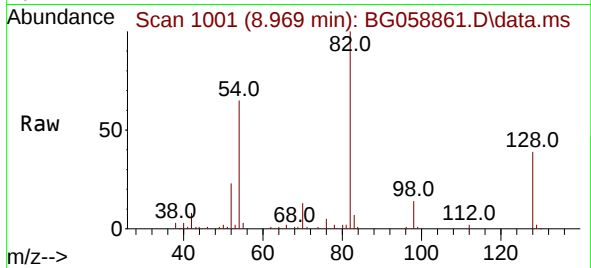




#23
Nitrobenzene-d5
Concen: 48.782 ng
RT: 8.969 min Scan# 1005
Delta R.T. -0.027 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

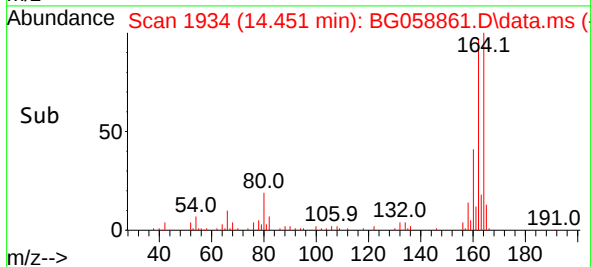
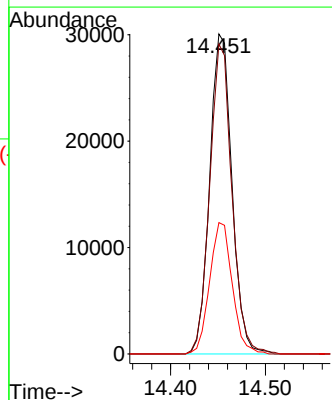
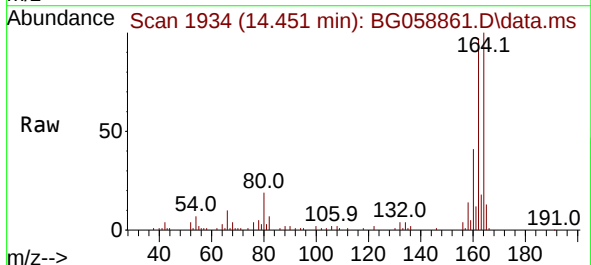
Instrument :
BNA_G
ClientSampleId :
TP-06(4-5)

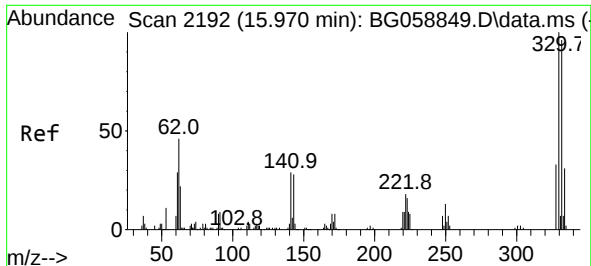
Tgt Ion: 82 Resp: 73370
Ion Ratio Lower Upper
82 100
128 39.0 33.2 49.8
54 64.5 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion:164 Resp: 48926
Ion Ratio Lower Upper
164 100
162 96.9 79.6 119.4
160 41.1 34.0 51.0

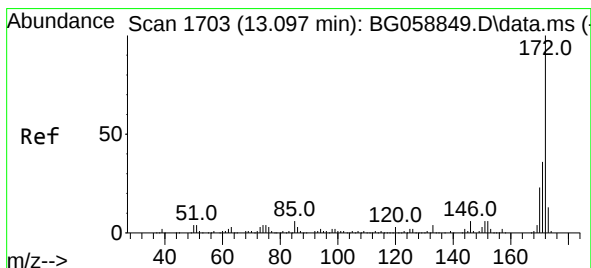
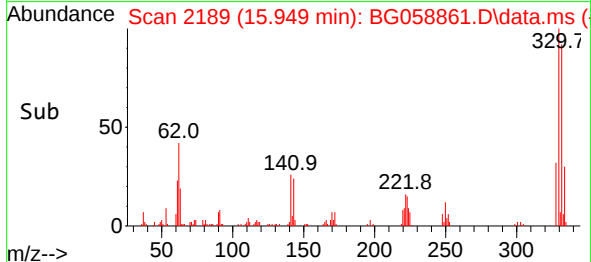
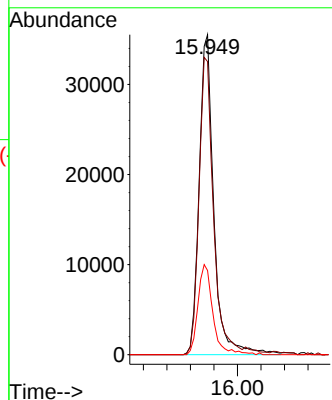
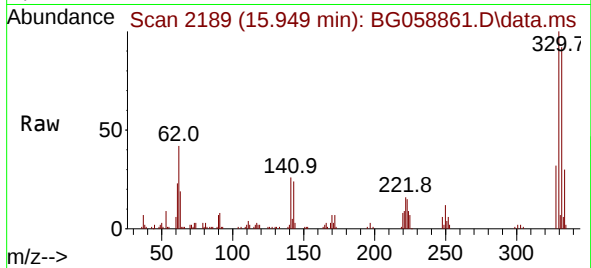




#42
 2,4,6-Tribromophenol
 Concen: 79.958 ng
 RT: 15.949 min Scan# 2192
 Delta R.T. -0.021 min
 Lab File: BG058861.D
 Acq: 25 Aug 2023 22:50

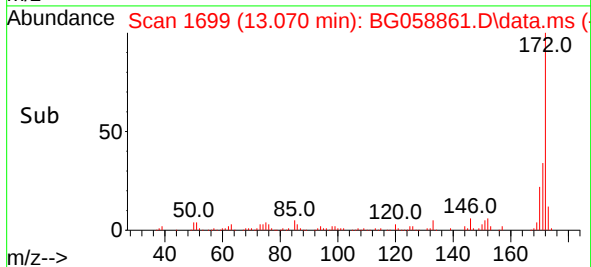
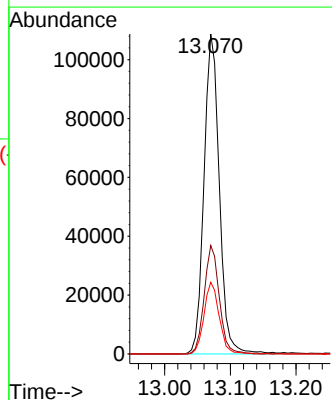
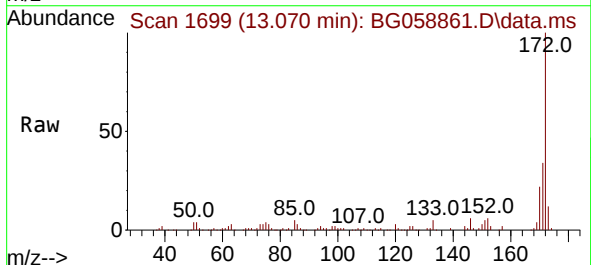
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 TP-06(4-5)

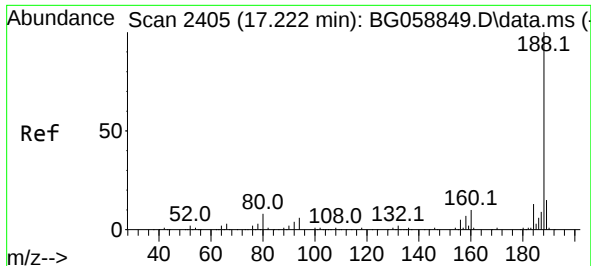
Tgt Ion:330 Resp: 61340
 Ion Ratio Lower Upper
 330 100
 332 91.6 78.5 117.7
 141 28.8 23.0 34.6



#45
 2-Fluorobiphenyl
 Concen: 52.639 ng
 RT: 13.070 min Scan# 1699
 Delta R.T. -0.027 min
 Lab File: BG058861.D
 Acq: 25 Aug 2023 22:50

Tgt Ion:172 Resp: 177071
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.1 42.1
 170 22.4 18.6 27.8

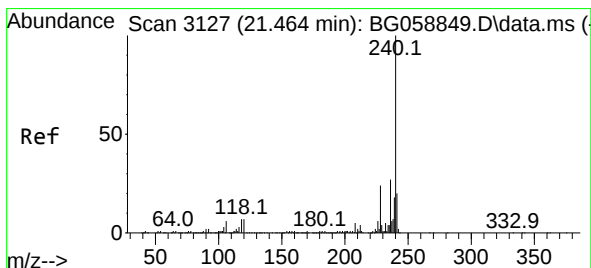
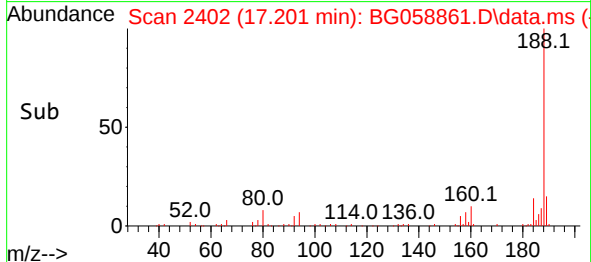
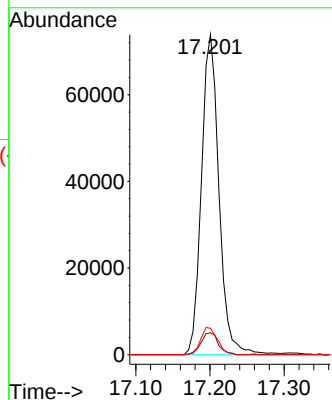
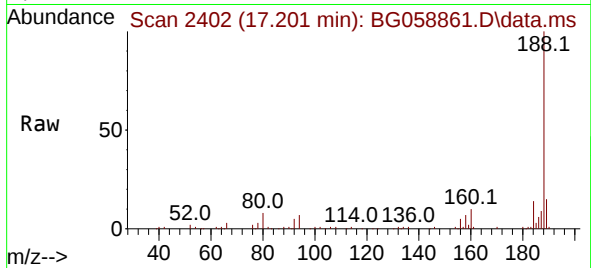




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.021 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

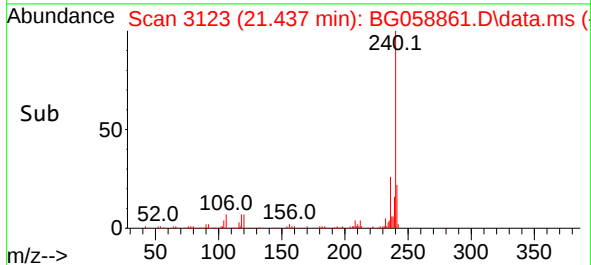
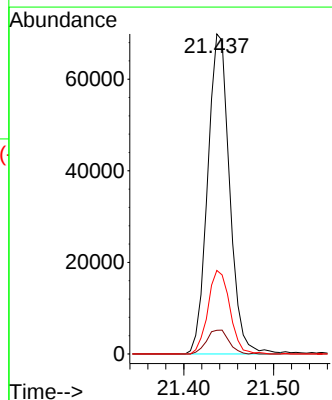
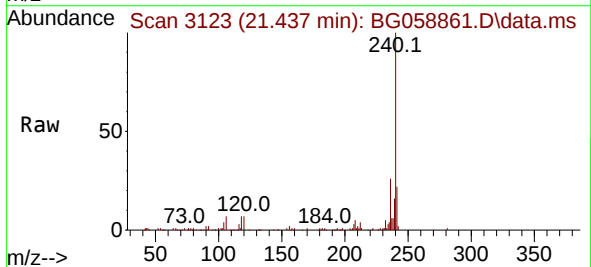
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TP-06(4-5)

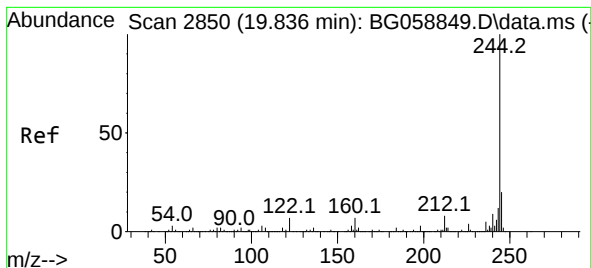
Tgt Ion:188 Resp: 121053
Ion Ratio Lower Upper
188 100
94 6.8 6.1 9.1
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.027 min
Lab File: BG058861.D
Acq: 25 Aug 2023 22:50

Tgt Ion:240 Resp: 118465
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.2
236 26.1 20.5 30.7





#79

Terphenyl-d14

Concen: 51.890 ng

RT: 19.815 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG058861.D

Acq: 25 Aug 2023 22:50

Instrument :

BNA_G

ClientSampleId :

TP-06(4-5)

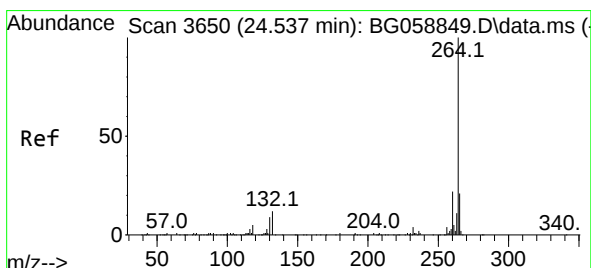
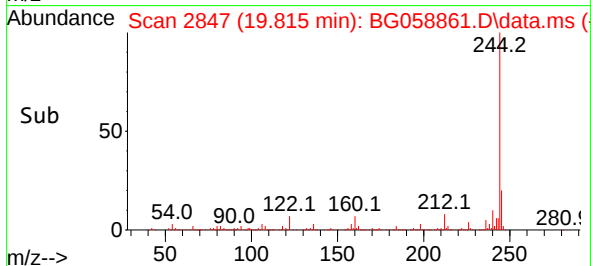
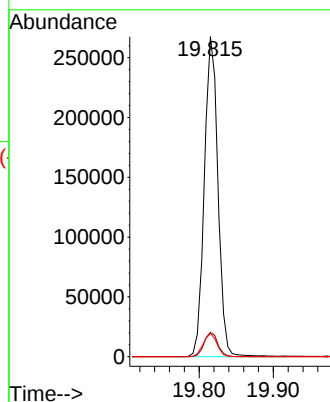
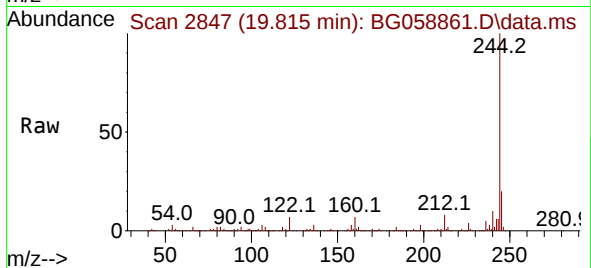
Tgt Ion:244 Resp: 342346

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 7.3 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.498 min Scan# 3644

Delta R.T. -0.039 min

Lab File: BG058861.D

Acq: 25 Aug 2023 22:50

Tgt Ion:264 Resp: 141976

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.7 16.4 24.6

