

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058838.D
 Acq On : 24 Aug 2023 14:35
 Operator : MA/JU
 Sample : 04090-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-K

Quant Time: Aug 24 15:10:57 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	16980	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	68297	20.000	ng	0.00
39) Acenaphthene-d10	14.453	164	50504	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	134451	20.000	ng	0.00
76) Chrysene-d12	21.445	240	124031	20.000	ng	0.00
86) Perylene-d12	24.524	264	148435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	145660	138.047	ng	0.00
7) Phenol-d6	6.980	99	182681	123.401	ng	0.00
23) Nitrobenzene-d5	8.972	82	134235	94.495	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	115864	146.313	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	322605	92.907	ng	0.00
79) Terphenyl-d14	19.824	244	699308	101.238	ng	0.00

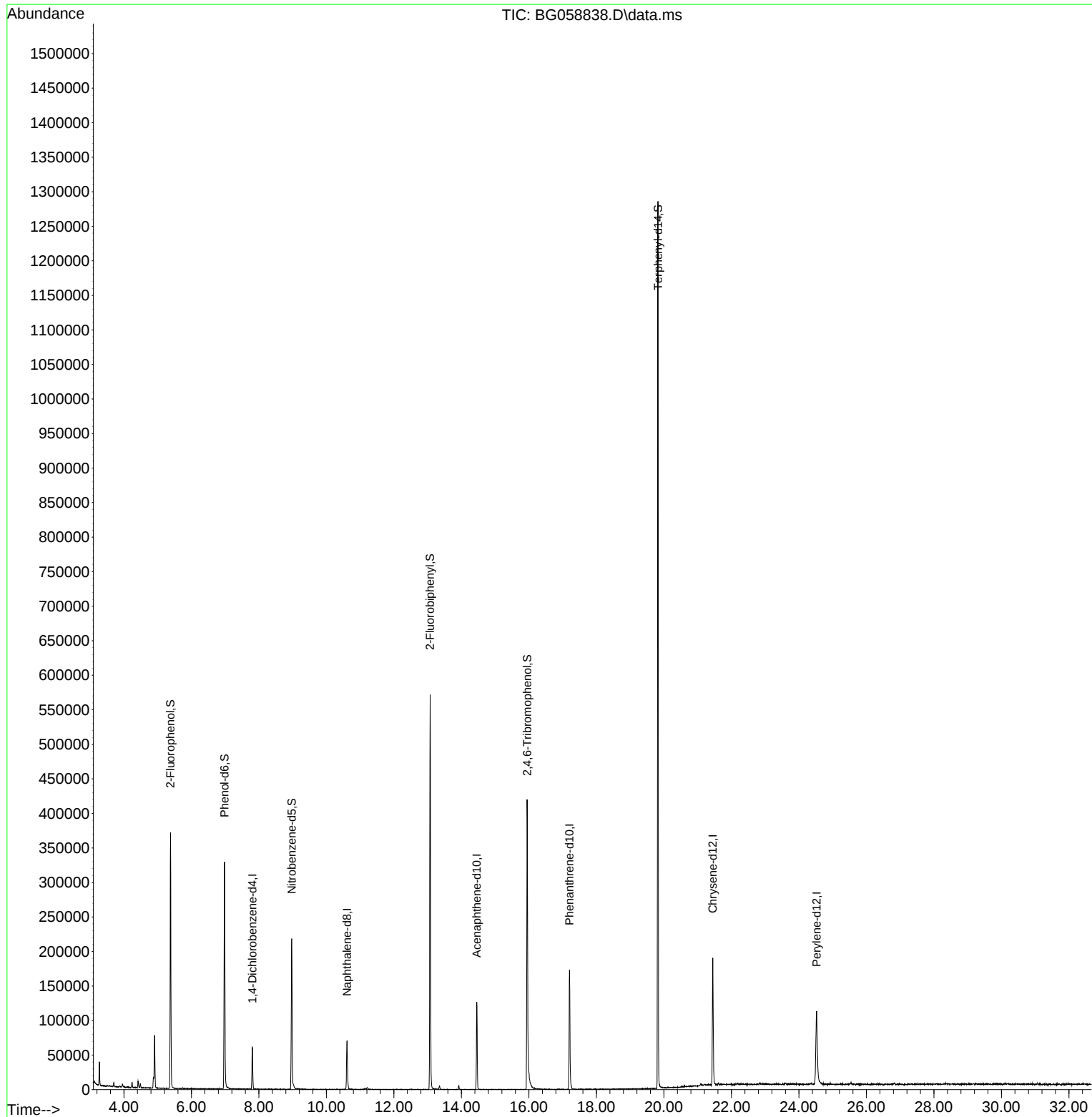
Target Compounds	Qvalue

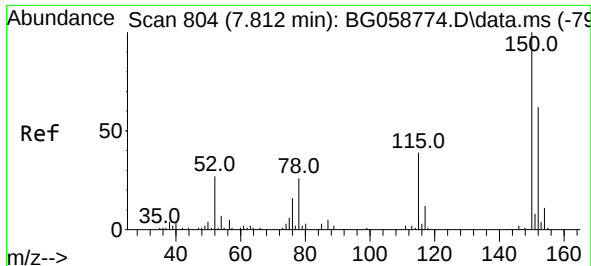
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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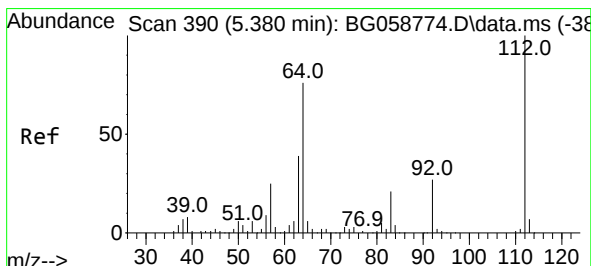
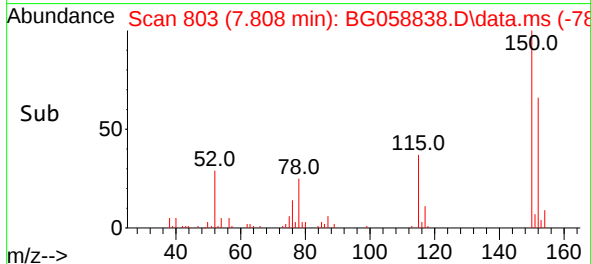
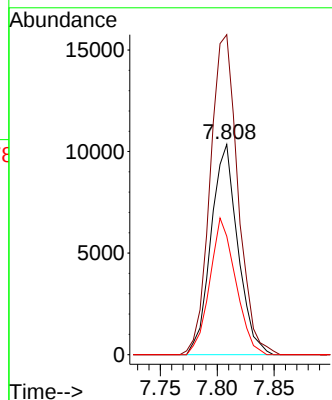
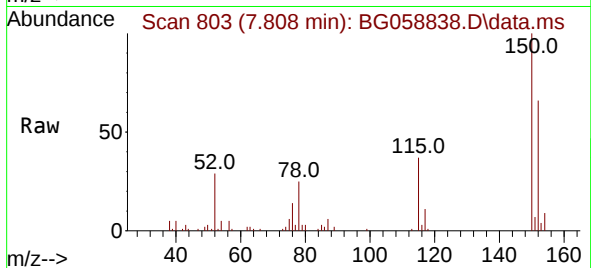




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

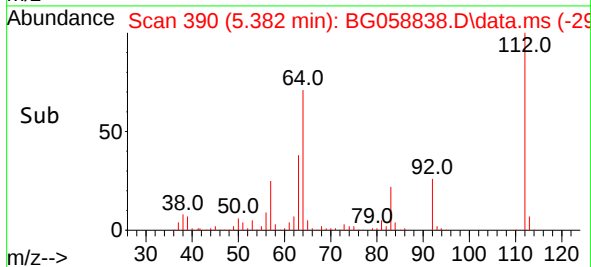
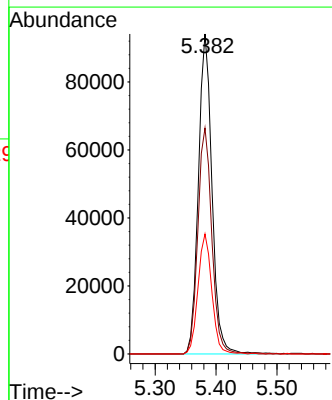
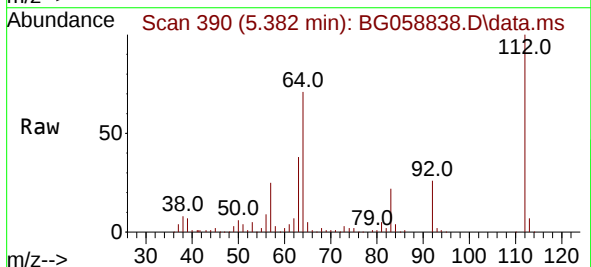
Instrument :
BNA_G
ClientSampleId :
TP-K

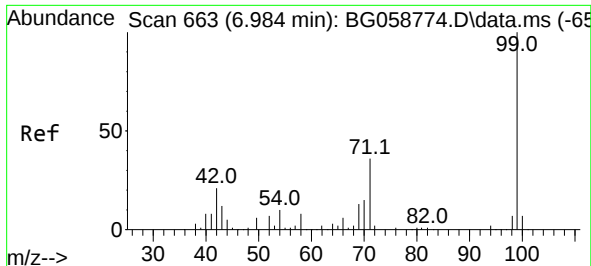
Tgt Ion:152 Resp: 16980
Ion Ratio Lower Upper
152 100
150 152.2 128.6 192.8
115 56.3 50.4 75.6



#5
2-Fluorophenol
Concen: 138.047 ng
RT: 5.382 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

Tgt Ion:112 Resp: 145660
Ion Ratio Lower Upper
112 100
64 70.6 60.6 90.8
63 37.5 31.0 46.4

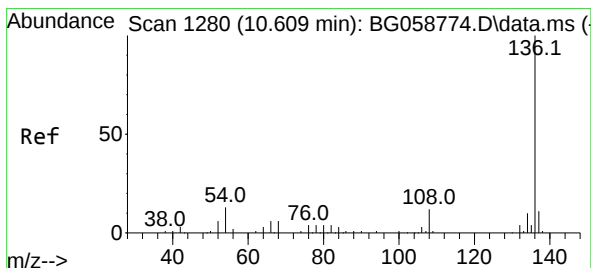
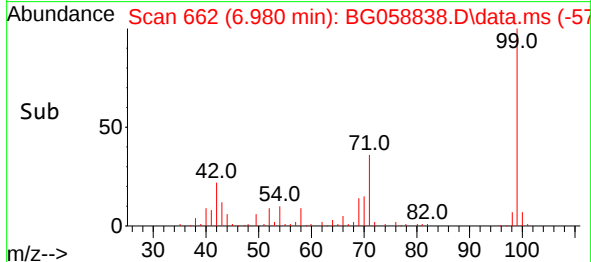
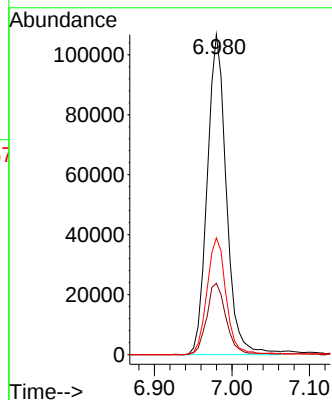
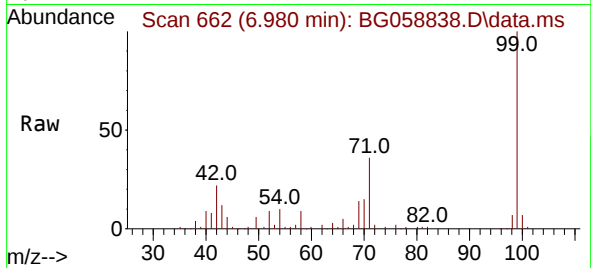




#7
Phenol-d6
Concen: 123.401 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

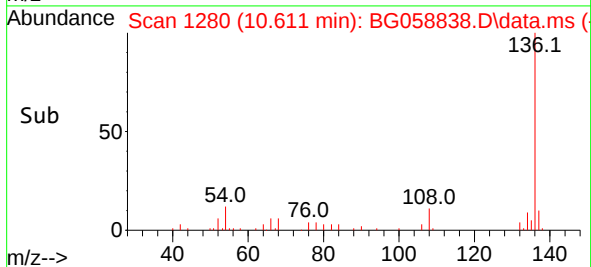
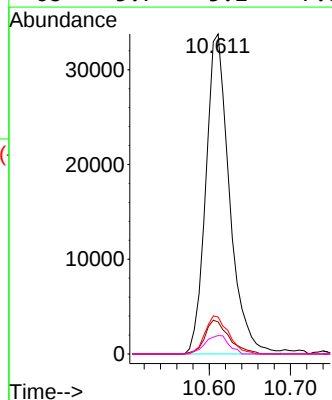
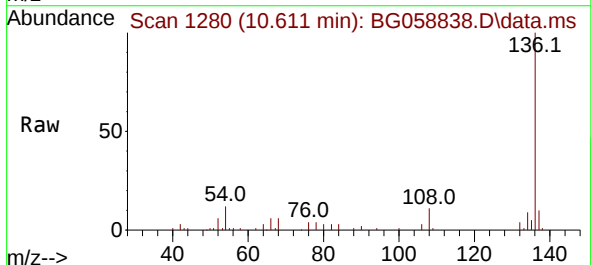
Instrument :
BNA_G
ClientSampleId :
TP-K

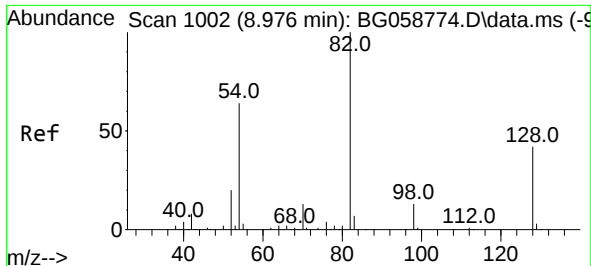
Tgt Ion: 99 Resp: 182681
Ion Ratio Lower Upper
99 100
42 22.3 16.5 24.7
71 36.5 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. 0.002 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

Tgt Ion:136 Resp: 68297
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 11.6 10.1 15.1
68 5.7 5.2 7.8

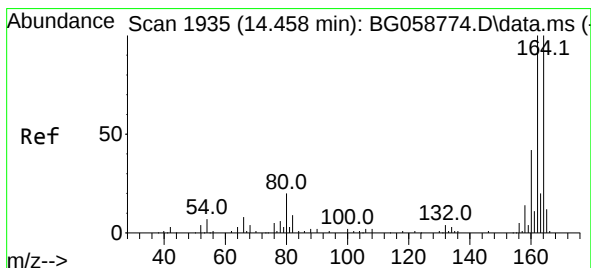
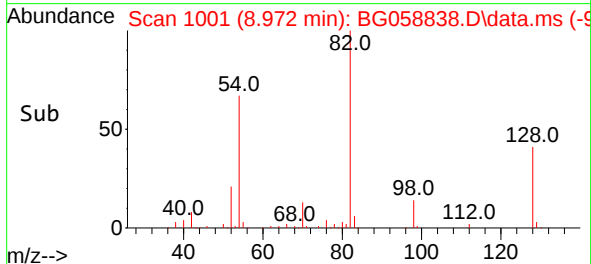
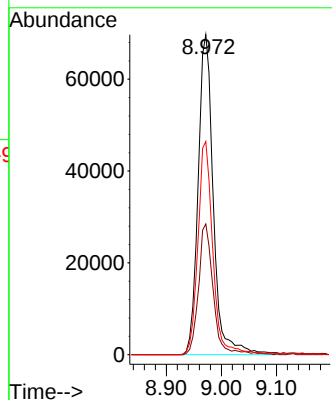
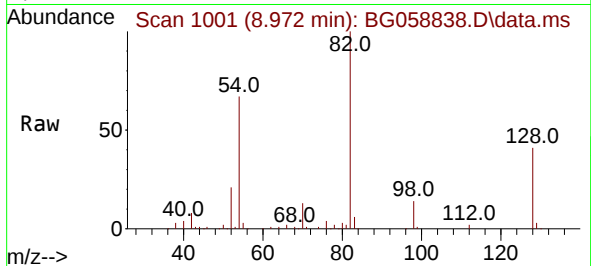




#23
 Nitrobenzene-d5
 Concen: 94.495 ng
 RT: 8.972 min Scan# 1001
 Delta R.T. -0.004 min
 Lab File: BG058838.D
 Acq: 24 Aug 2023 14:35

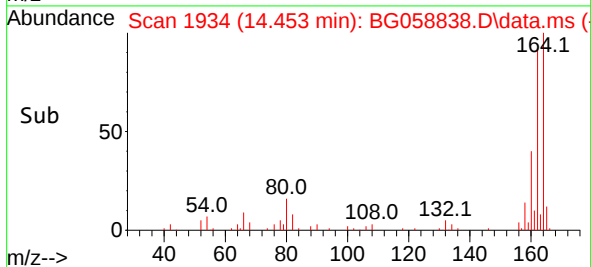
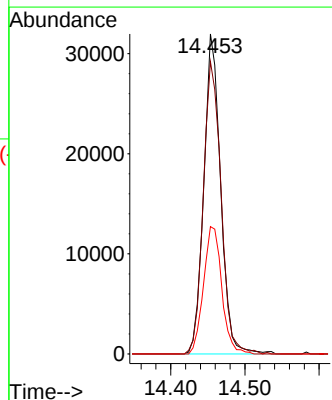
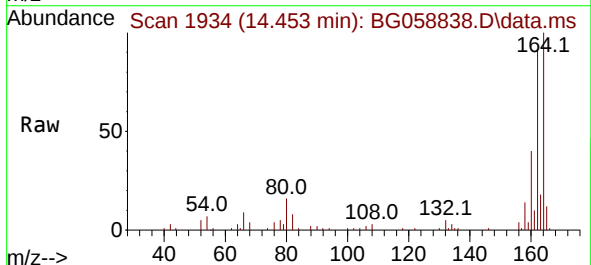
Instrument :
 BNA_G
 ClientSampleId :
 TP-K

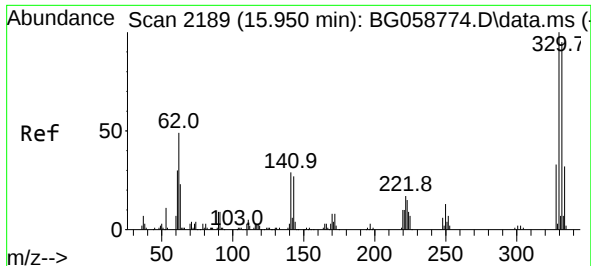
Tgt Ion: 82 Resp: 134235
 Ion Ratio Lower Upper
 82 100
 128 40.8 33.2 49.8
 54 66.6 51.2 76.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.453 min Scan# 1934
 Delta R.T. -0.004 min
 Lab File: BG058838.D
 Acq: 24 Aug 2023 14:35

Tgt Ion:164 Resp: 50504
 Ion Ratio Lower Upper
 164 100
 162 91.3 79.6 119.4
 160 39.8 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 146.313 ng

RT: 15.952 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058838.D

Acq: 24 Aug 2023 14:35

Instrument :

BNA_G

ClientSampleId :

TP-K

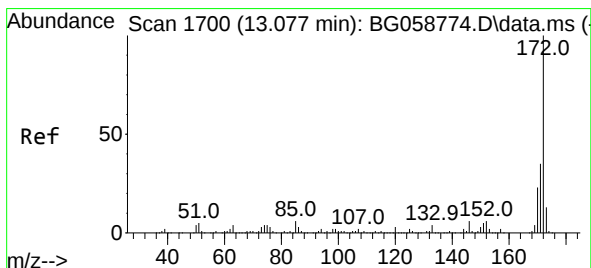
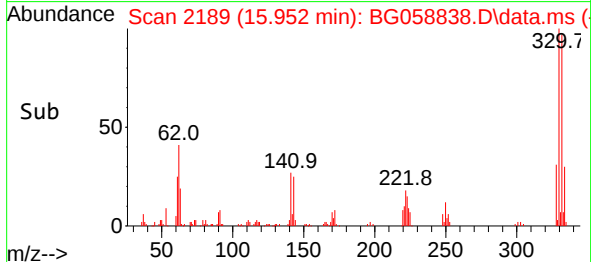
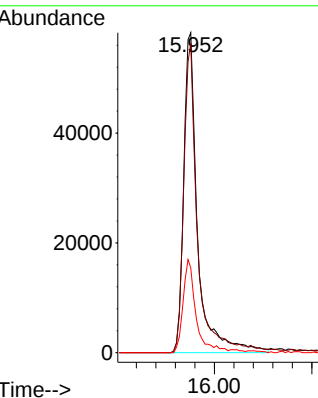
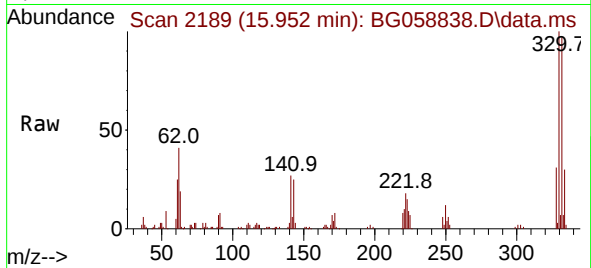
Tgt Ion:330 Resp: 115864

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

141 27.0 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 92.907 ng

RT: 13.073 min Scan# 1699

Delta R.T. -0.004 min

Lab File: BG058838.D

Acq: 24 Aug 2023 14:35

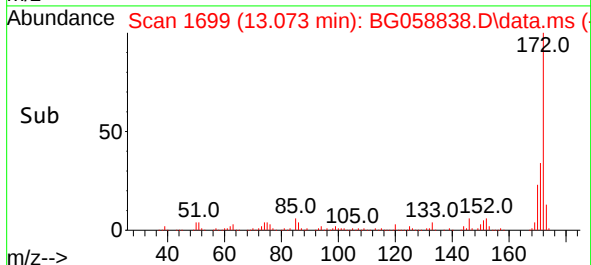
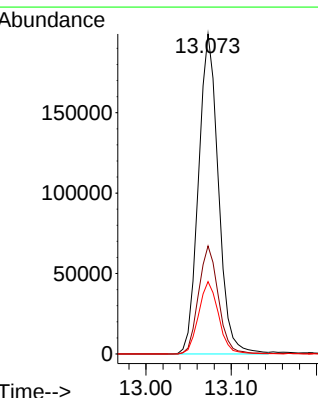
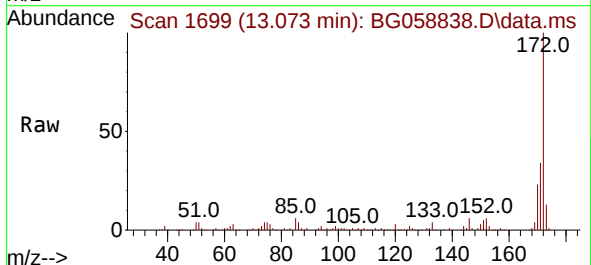
Tgt Ion:172 Resp: 322605

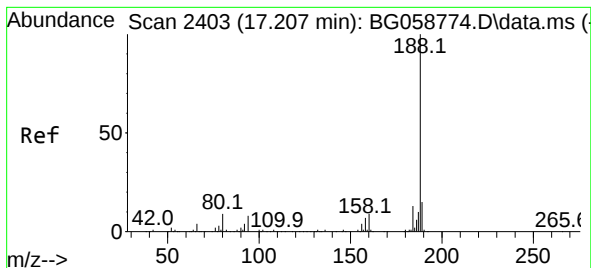
Ion Ratio Lower Upper

172 100

171 33.7 28.1 42.1

170 22.6 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: BG058838.D

Acq: 24 Aug 2023 14:35

Instrument :

BNA_G

ClientSampleId :

TP-K

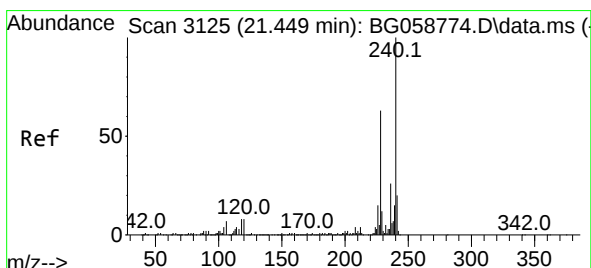
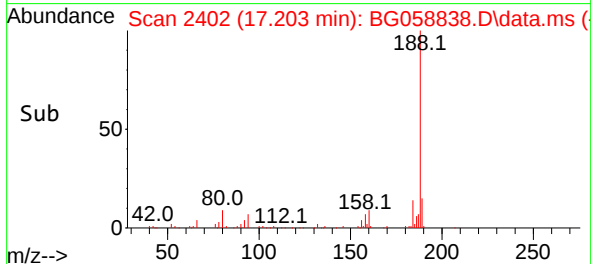
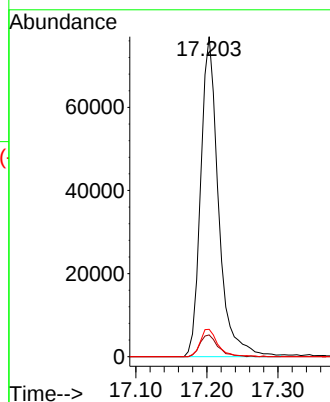
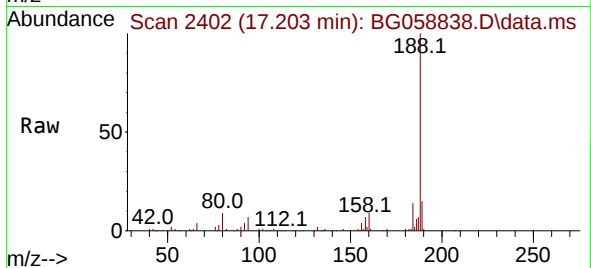
Tgt Ion:188 Resp: 134451

Ion Ratio Lower Upper

188 100

94 6.8 6.1 9.1

80 8.6 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: BG058838.D

Acq: 24 Aug 2023 14:35

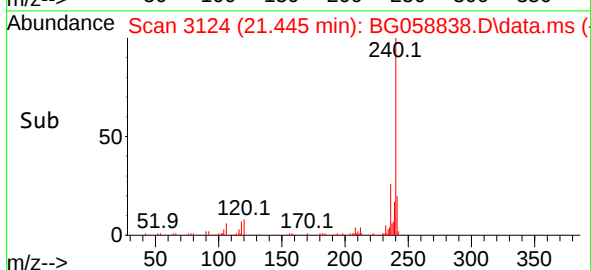
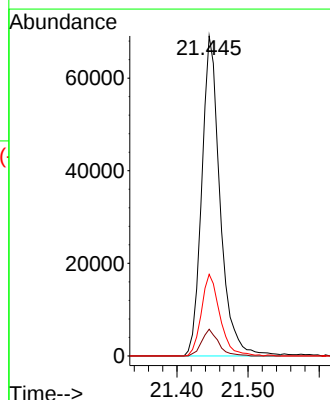
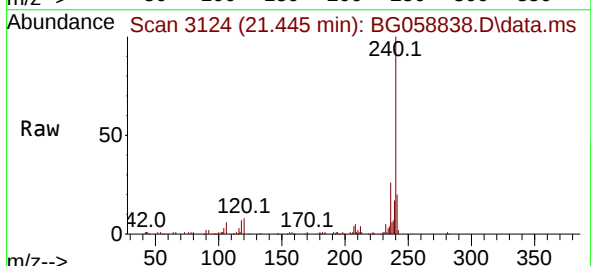
Tgt Ion:240 Resp: 124031

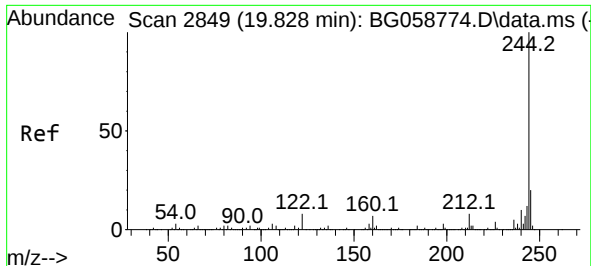
Ion Ratio Lower Upper

240 100

120 8.3 6.2 9.2

236 25.5 20.5 30.7

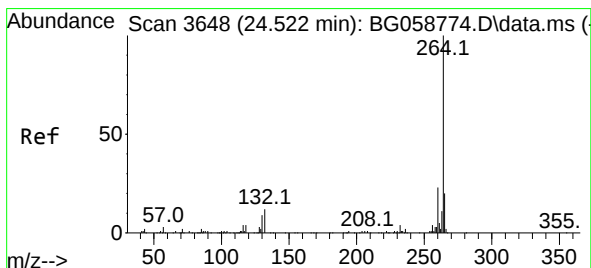
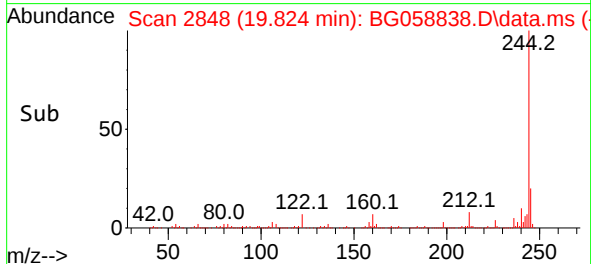
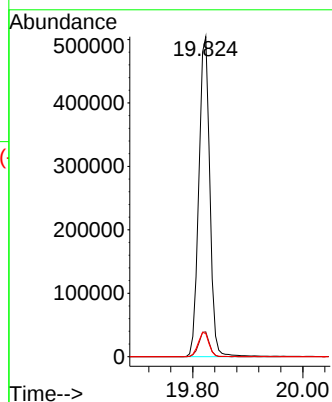
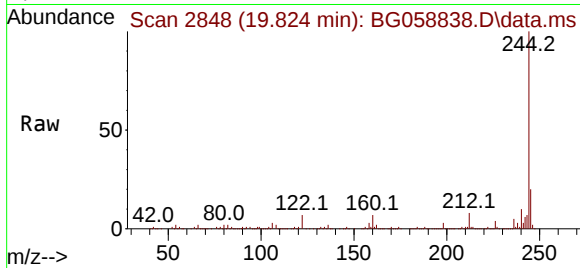




#79
 Terphenyl-d14
 Concen: 101.238 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG058838.D
 Acq: 24 Aug 2023 14:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-K

Tgt Ion:244 Resp: 699308
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 7.2 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.524 min Scan# 3648
 Delta R.T. 0.002 min
 Lab File: BG058838.D
 Acq: 24 Aug 2023 14:35

Tgt Ion:264 Resp: 148435
 Ion Ratio Lower Upper
 264 100
 260 21.3 18.2 27.2
 265 19.4 16.4 24.6

