

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060852.D
 Acq On : 10 Apr 2024 16:31
 Operator : MA/JU
 Sample : P2022-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-04082024

Quant Time: Apr 10 17:08:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	78752	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	302727	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	213923	20.000	ng	-0.01
64) Phenanthrene-d10	17.319	188	481281	20.000	ng	-0.02
76) Chrysene-d12	21.584	240	447100	20.000	ng	-0.02
86) Perylene-d12	24.722	264	510834	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	38146	8.069	ng	0.00
7) Phenol-d6	7.107	99	52560	7.490	ng	0.00
23) Nitrobenzene-d5	9.099	82	34707	6.542	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	24556	10.112	ng	-0.01
45) 2-Fluorobiphenyl	13.200	172	87762	6.021	ng	-0.02
79) Terphenyl-d14	19.945	244	153265	6.036	ng	-0.02

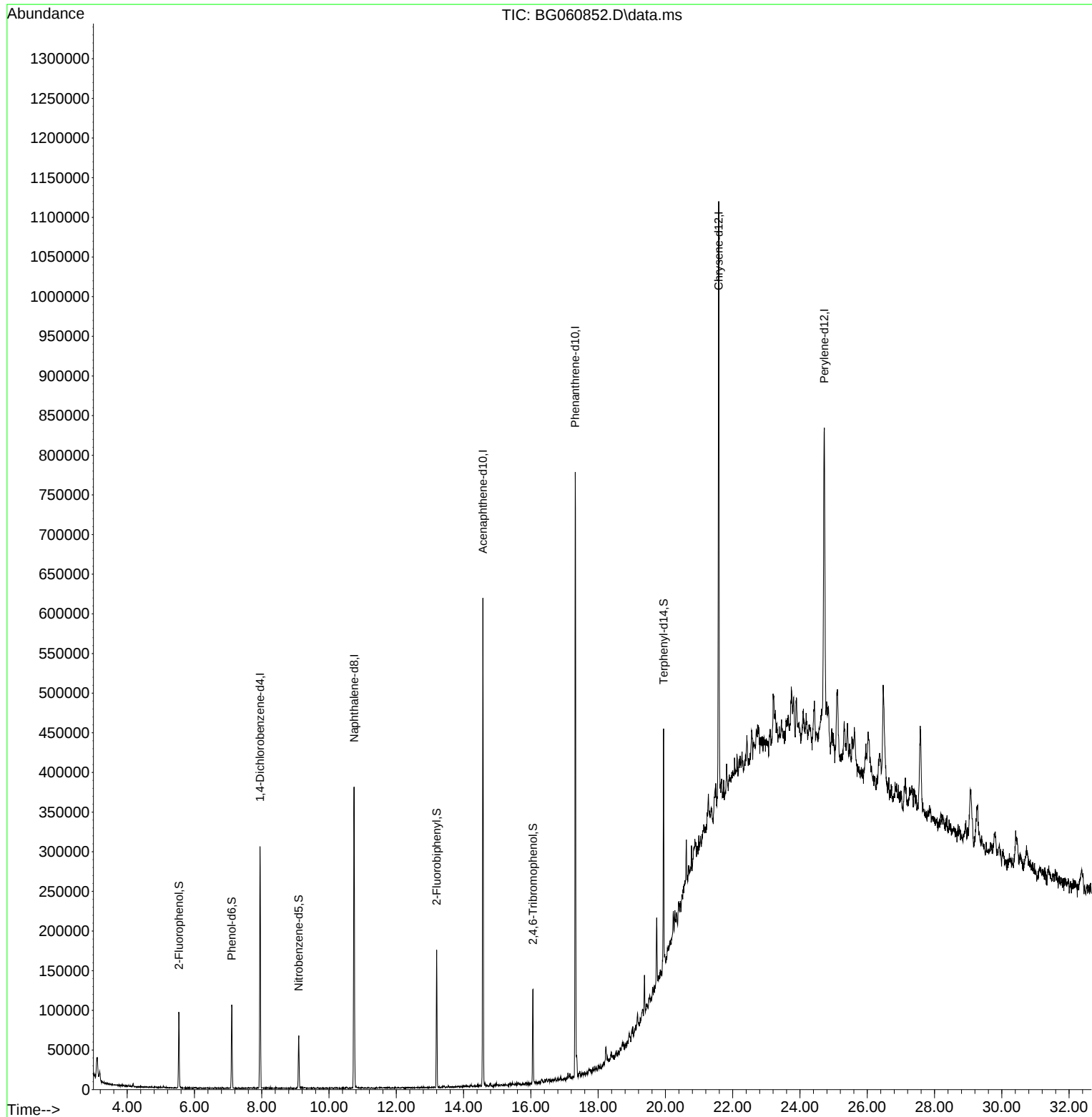
Target Compounds	Qvalue

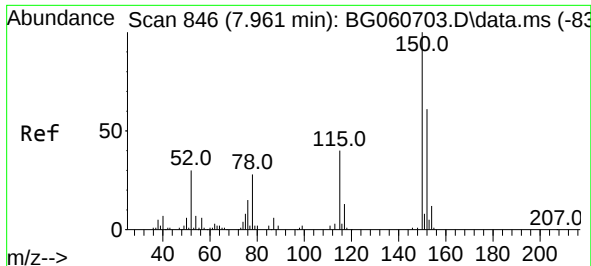
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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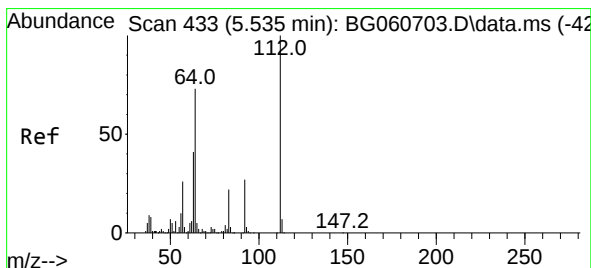
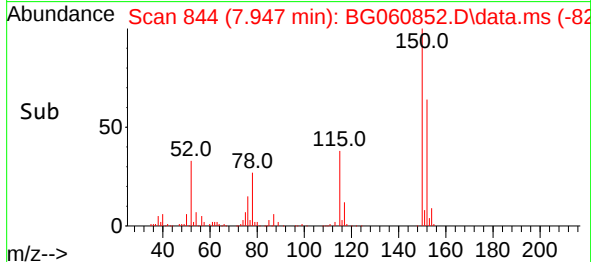
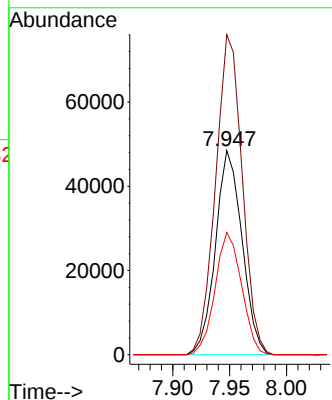
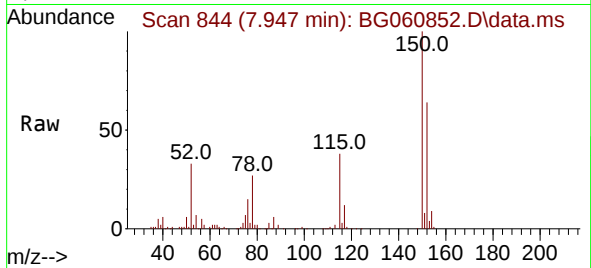




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.947 min Scan# 84
 Delta R.T. -0.014 min
 Lab File: BG060852.D
 Acq: 10 Apr 2024 16:31

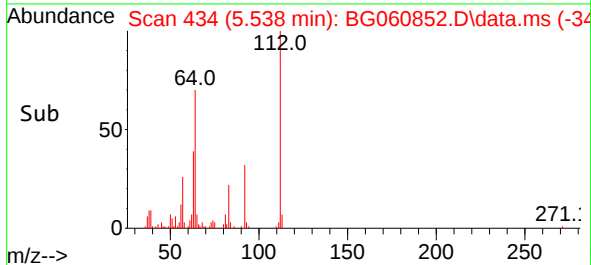
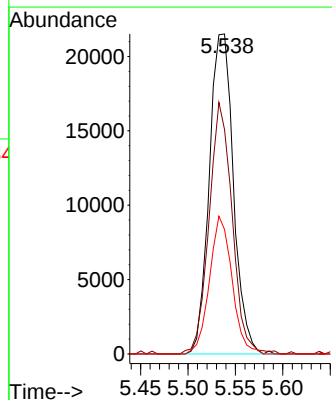
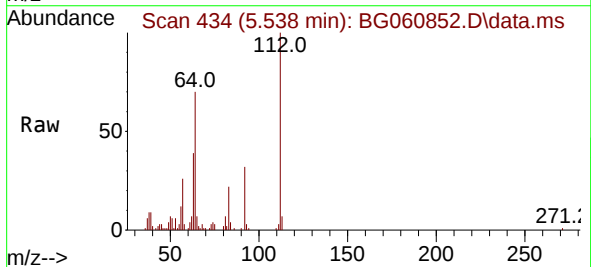
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-04082024

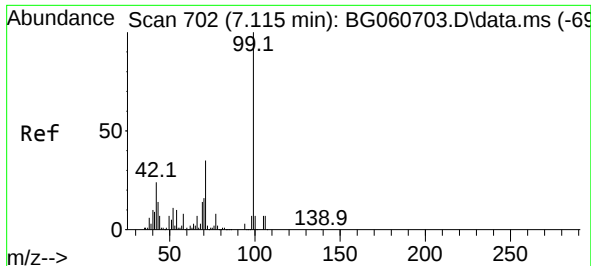
Tgt Ion:152 Resp: 78752
 Ion Ratio Lower Upper
 152 100
 150 156.8 130.2 195.4
 115 59.9 51.6 77.4



#5
 2-Fluorophenol
 Concen: 8.069 ng
 RT: 5.538 min Scan# 434
 Delta R.T. 0.004 min
 Lab File: BG060852.D
 Acq: 10 Apr 2024 16:31

Tgt Ion:112 Resp: 38146
 Ion Ratio Lower Upper
 112 100
 64 70.2 58.4 87.6
 63 38.9 32.7 49.1

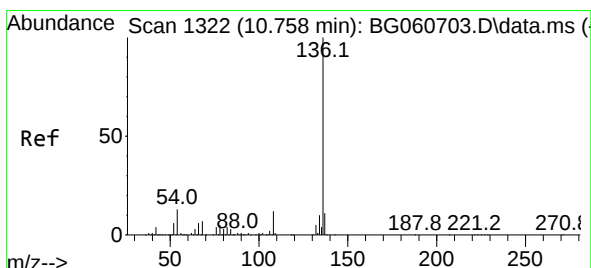
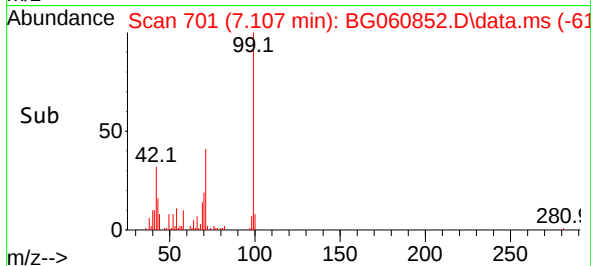
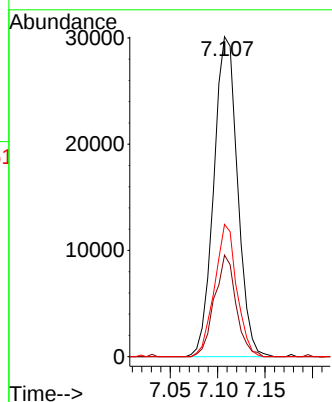
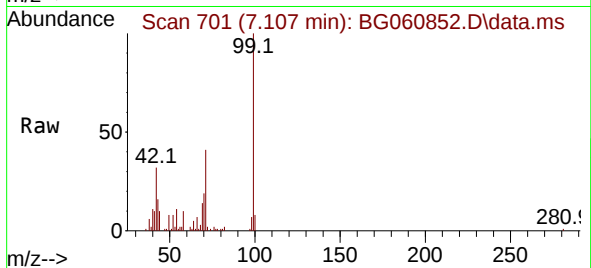




#7
Phenol-d6
Concen: 7.490 ng
RT: 7.107 min Scan# 702
Delta R.T. -0.008 min
Lab File: BG060852.D
Acq: 10 Apr 2024 16:31

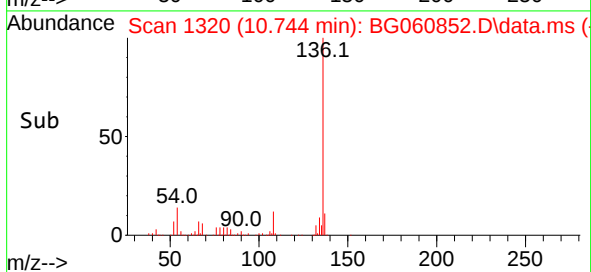
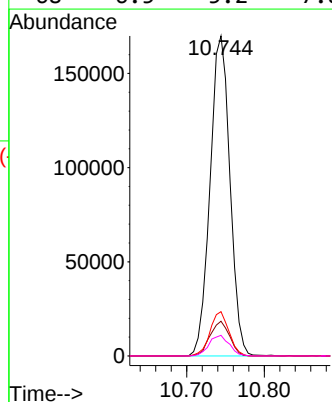
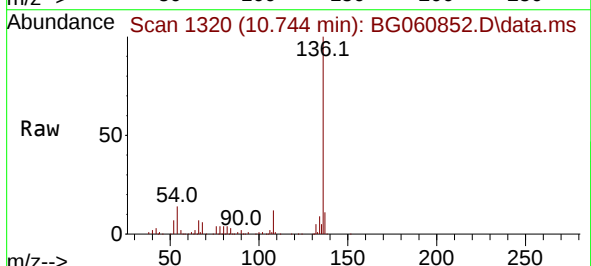
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024

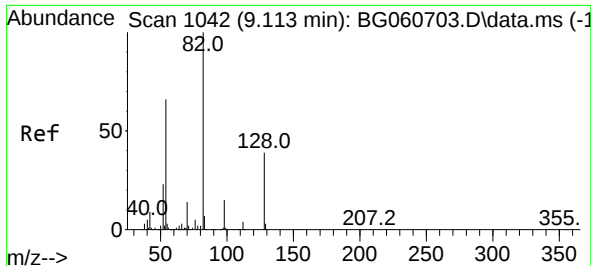
Tgt Ion: 99 Resp: 52560
Ion Ratio Lower Upper
99 100
42 31.7 19.4 29.2#
71 41.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1320
Delta R.T. -0.014 min
Lab File: BG060852.D
Acq: 10 Apr 2024 16:31

Tgt Ion: 136 Resp: 302727
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 13.9 10.2 15.2
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 6.542 ng

RT: 9.099 min Scan# 1040

Delta R.T. -0.014 min

Lab File: BG060852.D

Acq: 10 Apr 2024 16:31

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024

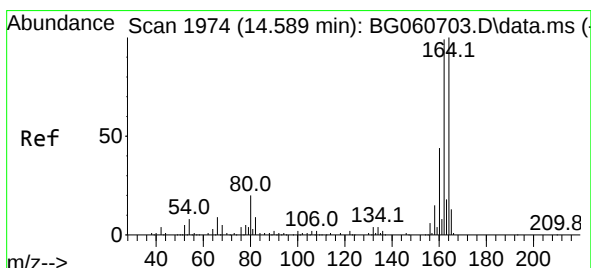
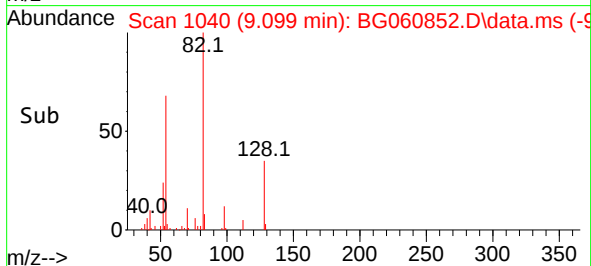
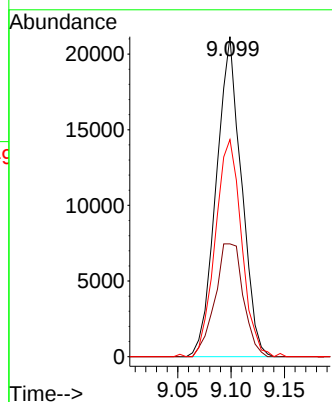
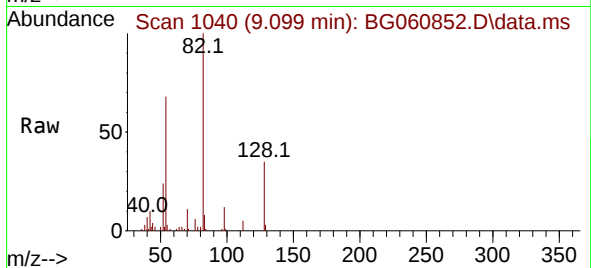
Tgt Ion: 82 Resp: 34707

Ion Ratio Lower Upper

82 100

128 35.2 31.2 46.8

54 67.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1972

Delta R.T. -0.014 min

Lab File: BG060852.D

Acq: 10 Apr 2024 16:31

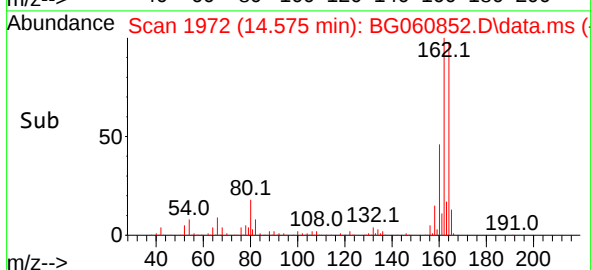
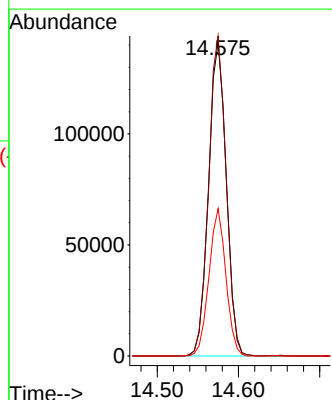
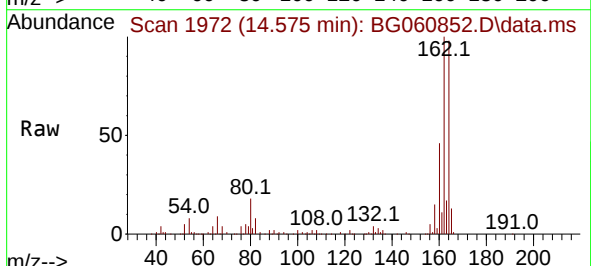
Tgt Ion: 164 Resp: 213923

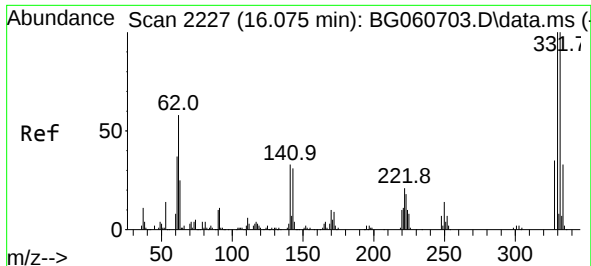
Ion Ratio Lower Upper

164 100

162 102.2 79.5 119.3

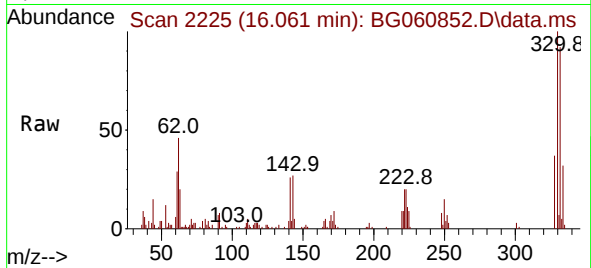
160 47.1 35.4 53.0



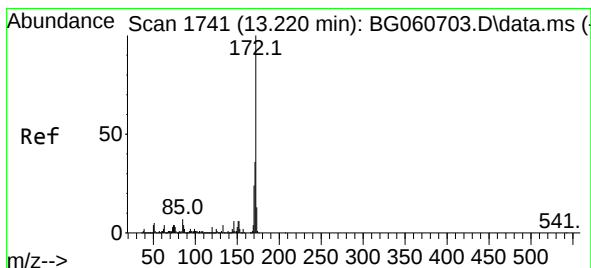
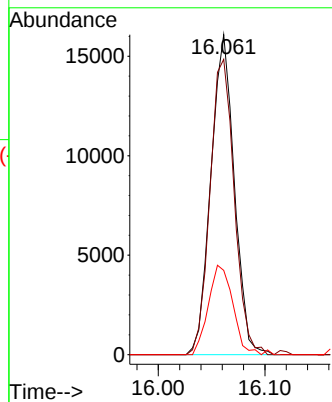
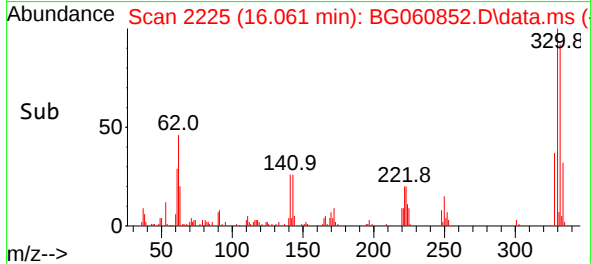


#42
2,4,6-Tribromophenol
Concen: 10.112 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG060852.D
Acq: 10 Apr 2024 16:31

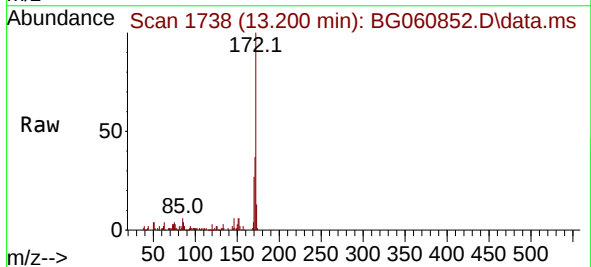
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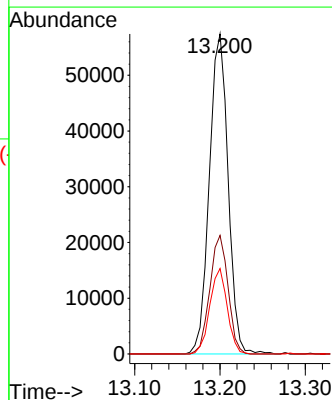
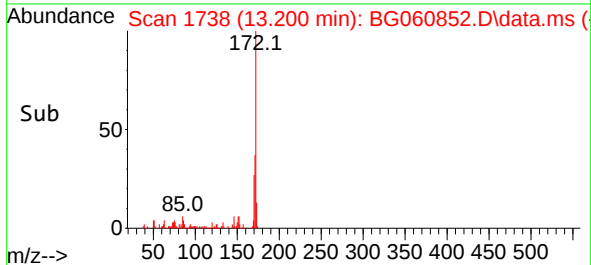
Tgt Ion:330 Resp: 24556
Ion Ratio Lower Upper
330 100
332 95.6 78.2 117.4
141 29.5 27.0 40.6

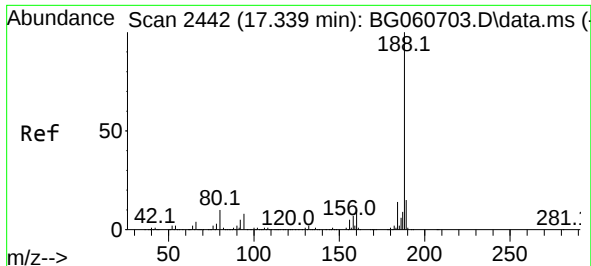


#45
2-Fluorobiphenyl
Concen: 6.021 ng
RT: 13.200 min Scan# 1738
Delta R.T. -0.020 min
Lab File: BG060852.D
Acq: 10 Apr 2024 16:31



Tgt Ion:172 Resp: 87762
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 26.7 19.4 29.0

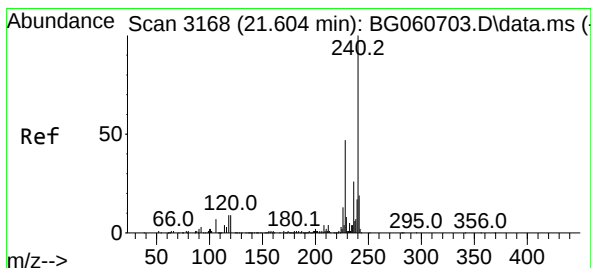
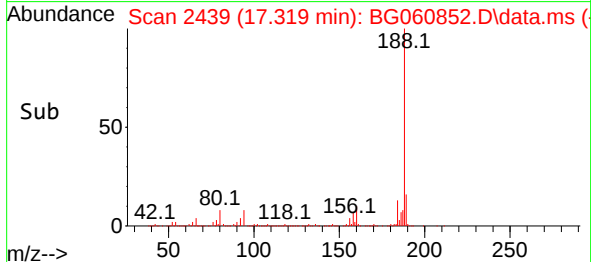
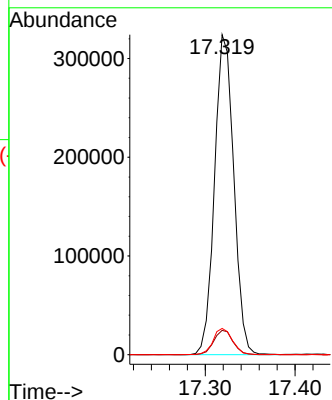
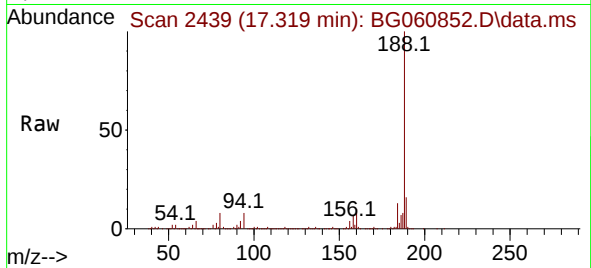




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2442
Delta R.T. -0.020 min
Lab File: BG060852.D
Acq: 10 Apr 2024 16:31

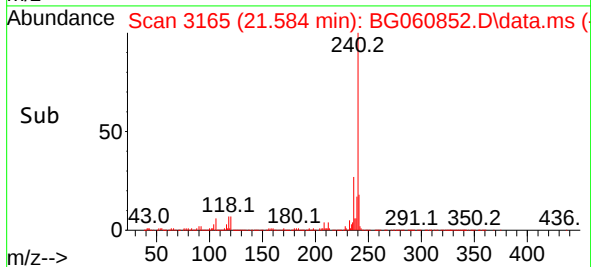
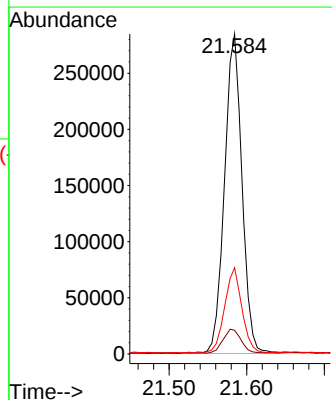
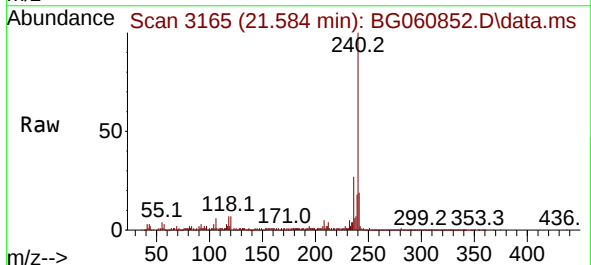
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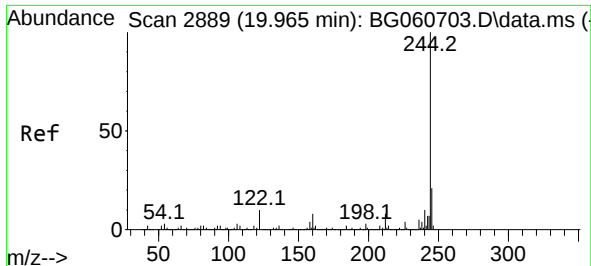
Tgt Ion:188 Resp: 481281
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. -0.020 min
Lab File: BG060852.D
Acq: 10 Apr 2024 16:31

Tgt Ion:240 Resp: 447100
Ion Ratio Lower Upper
240 100
120 7.4 7.1 10.7
236 27.0 20.7 31.1

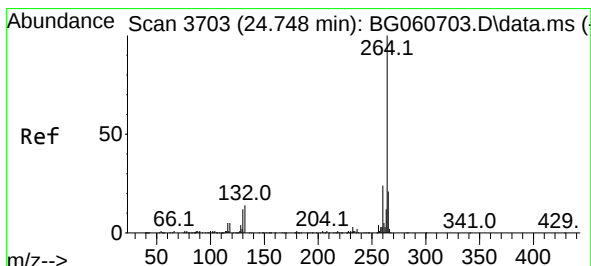
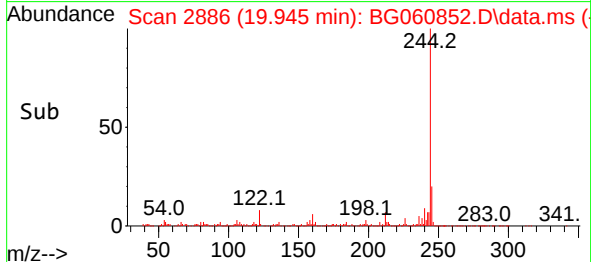
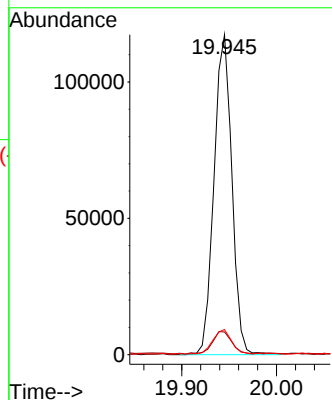
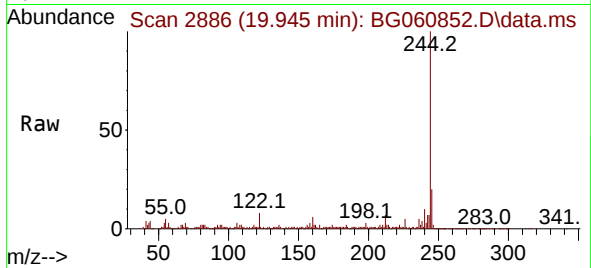




#79
 Terphenyl-d14
 Concen: 6.036 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG060852.D
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Instrument :
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 SU-03-04082024

Tgt Ion:244 Resp: 153265
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 7.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.722 min Scan# 3699
 Delta R.T. -0.026 min
 Lab File: BG060852.D
 Acq: 10 Apr 2024 16:31

Tgt Ion:264 Resp: 510834
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 23.6 16.9 25.3

