

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061004.D
 Acq On : 23 Apr 2024 12:12
 Operator : MA/JU
 Sample : PB160353BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160353BL

Quant Time: Apr 23 13:14:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	19339	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	72888	20.000	ng	# 0.00
39) Acenaphthene-d10	14.573	164	65463	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	196400	20.000	ng	0.00
76) Chrysene-d12	21.577	240	204593	20.000	ng	0.00
86) Perylene-d12	24.703	264	234195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	117243	122.629	ng	0.00
7) Phenol-d6	7.112	99	175126	123.454	ng	0.00
23) Nitrobenzene-d5	9.092	82	123237	75.965	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	189820	132.047	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	369333	78.084	ng	0.00
79) Terphenyl-d14	19.944	244	1078068	81.792	ng	0.00

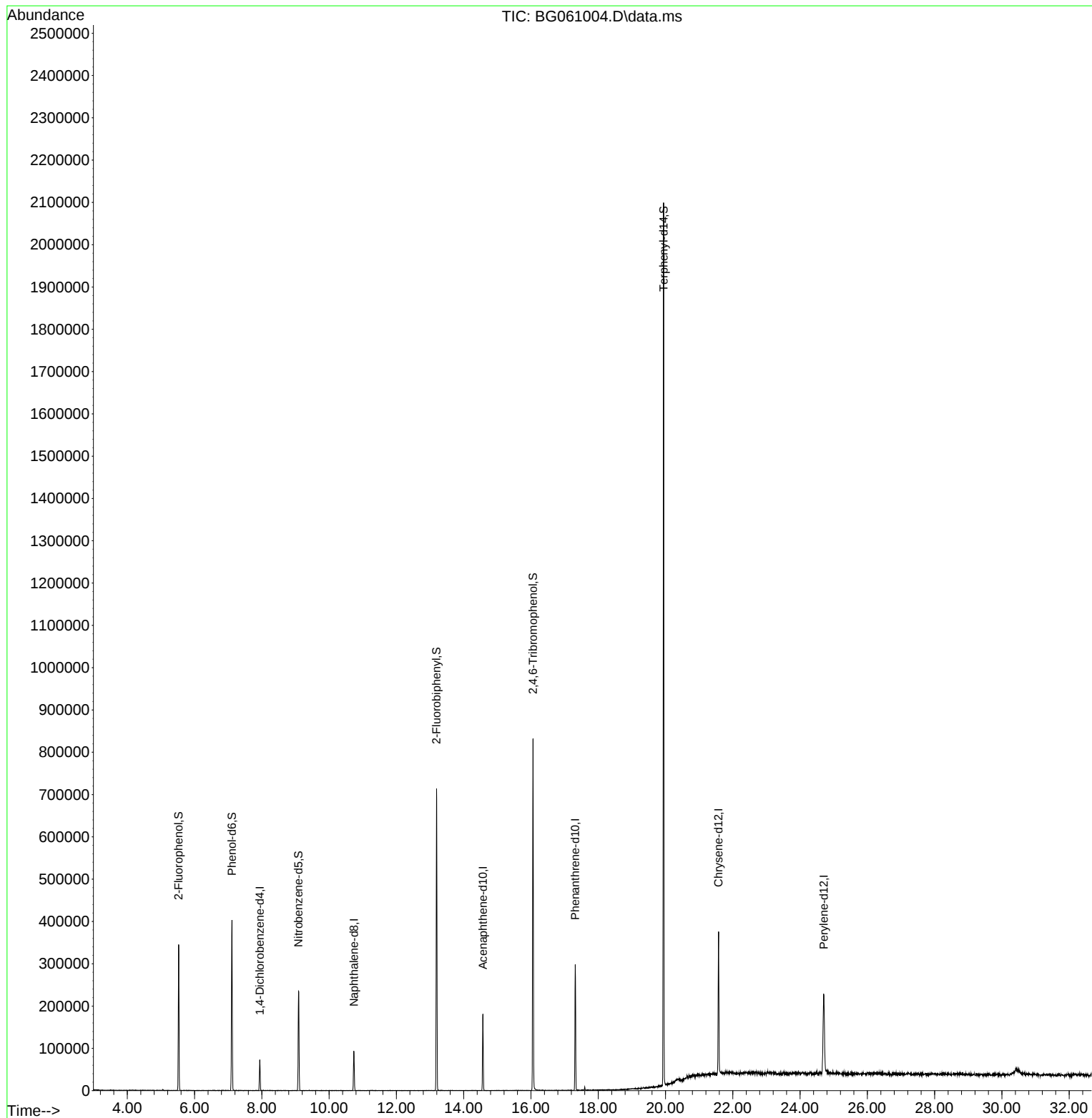
Target Compounds	Qvalue

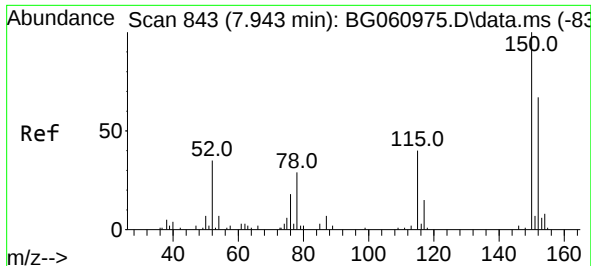
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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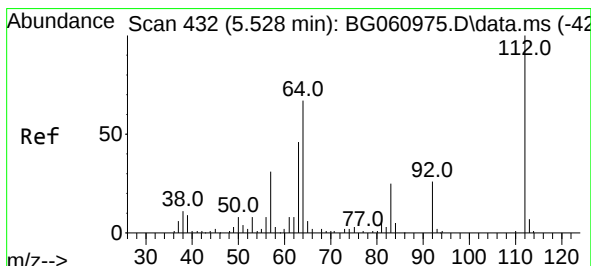
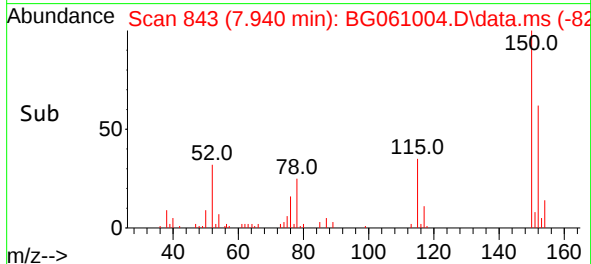
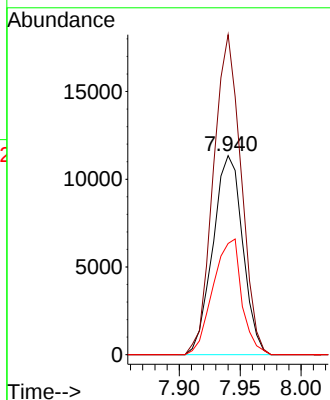
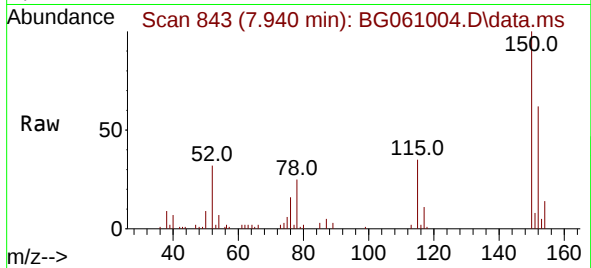




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.940 min Scan# 843
 Delta R.T. -0.003 min
 Lab File: BG061004.D
 Acq: 23 Apr 2024 12:12

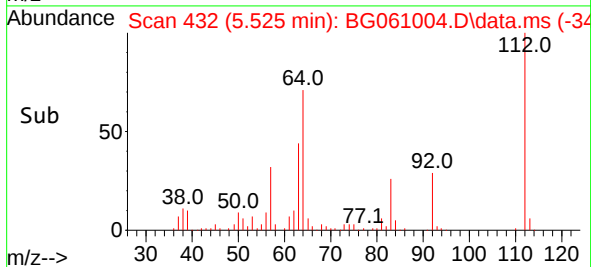
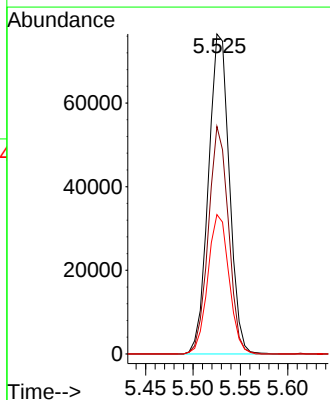
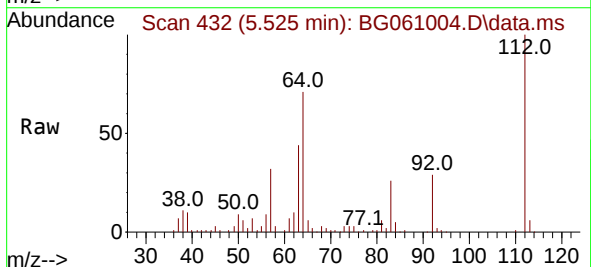
Instrument :
 BNA_G
 ClientSampleId :
 PB160353BL

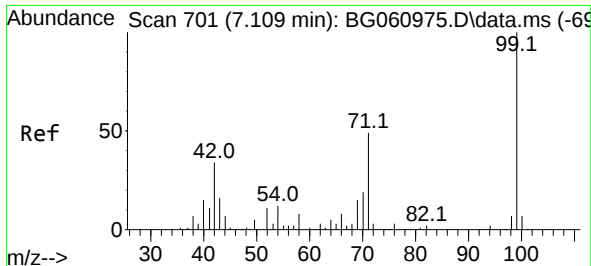
Tgt Ion:152 Resp: 19339
 Ion Ratio Lower Upper
 152 100
 150 160.8 118.6 178.0
 115 55.9 47.4 71.0



#5
 2-Fluorophenol
 Concen: 122.629 ng
 RT: 5.525 min Scan# 432
 Delta R.T. -0.003 min
 Lab File: BG061004.D
 Acq: 23 Apr 2024 12:12

Tgt Ion:112 Resp: 117243
 Ion Ratio Lower Upper
 112 100
 64 71.1 53.7 80.5
 63 43.6 37.0 55.6

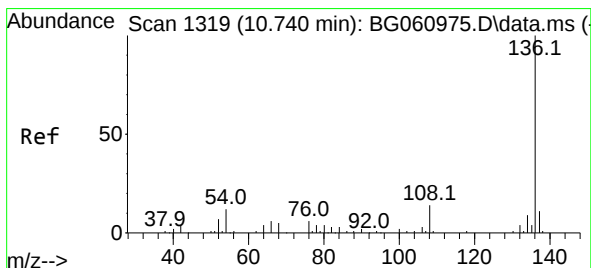
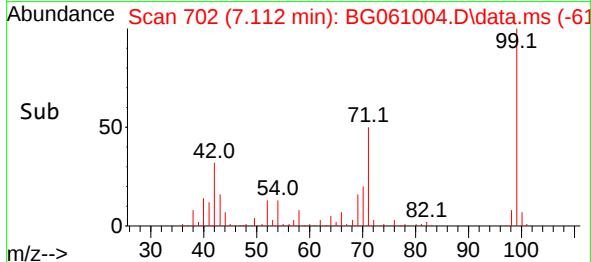
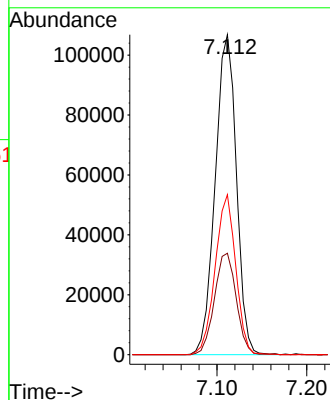
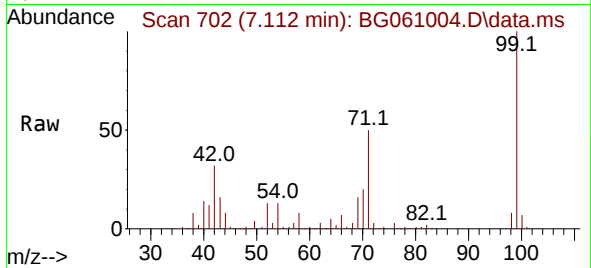




#7
Phenol-d6
Concen: 123.454 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG061004.D
Acq: 23 Apr 2024 12:12

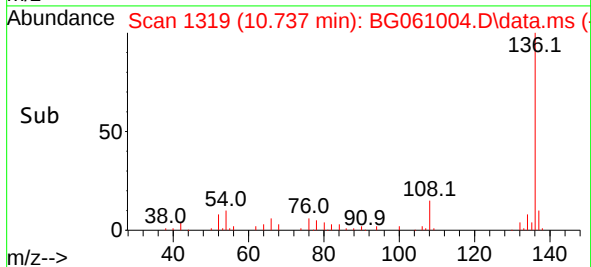
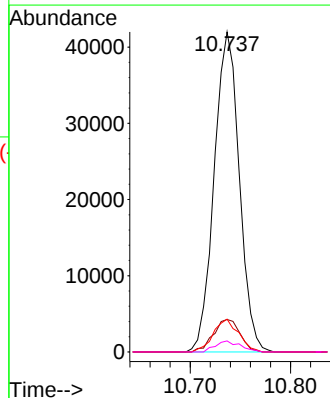
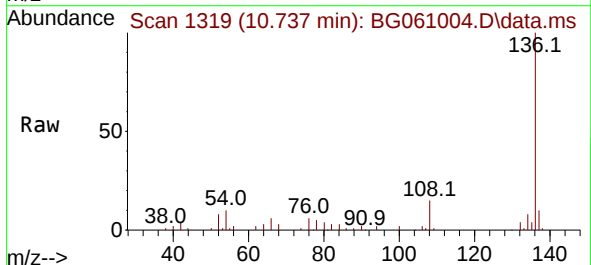
Instrument :
BNA_G
ClientSampleId :
PB160353BL

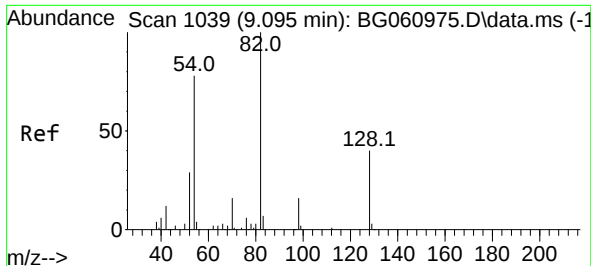
Tgt Ion: 99 Resp: 175126
Ion Ratio Lower Upper
99 100
42 31.7 27.2 40.8
71 50.0 38.8 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.003 min
Lab File: BG061004.D
Acq: 23 Apr 2024 12:12

Tgt Ion: 136 Resp: 72888
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 10.3 9.4 14.0
68 3.4 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 75.965 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.003 min

Lab File: BG061004.D

Acq: 23 Apr 2024 12:12

Instrument :

BNA_G

ClientSampleId :

PB160353BL

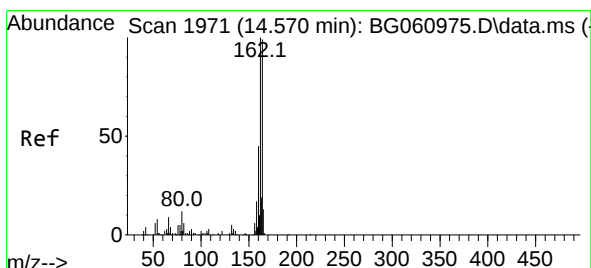
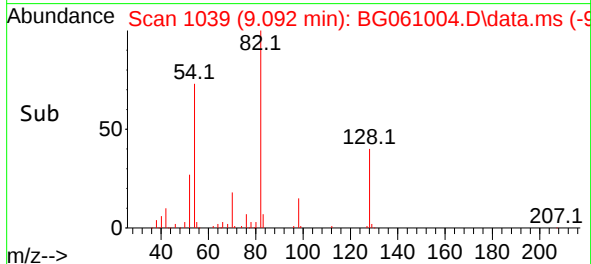
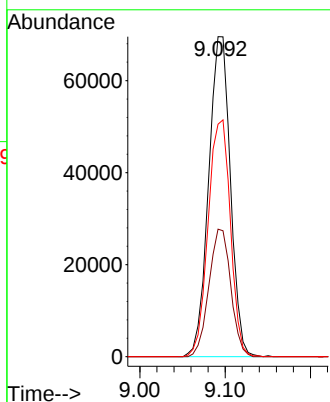
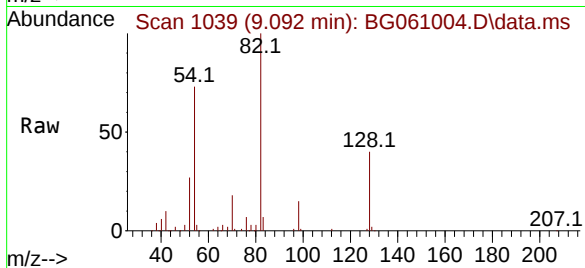
Tgt Ion: 82 Resp: 123237

Ion Ratio Lower Upper

82 100

128 39.8 32.1 48.1

54 72.7 62.3 93.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.573 min Scan# 1972

Delta R.T. 0.003 min

Lab File: BG061004.D

Acq: 23 Apr 2024 12:12

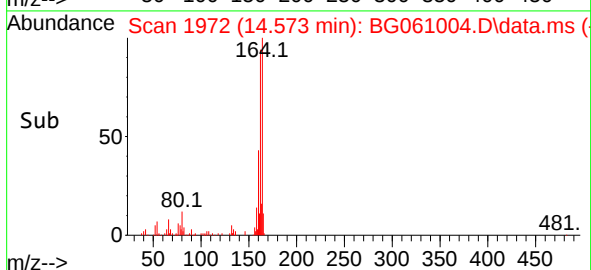
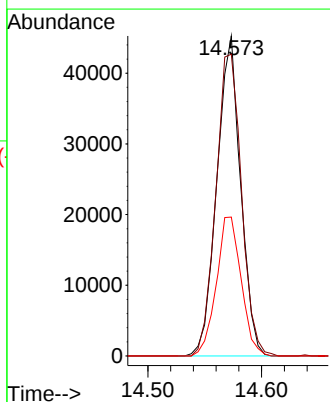
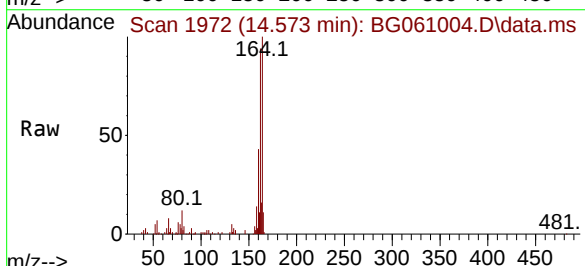
Tgt Ion: 164 Resp: 65463

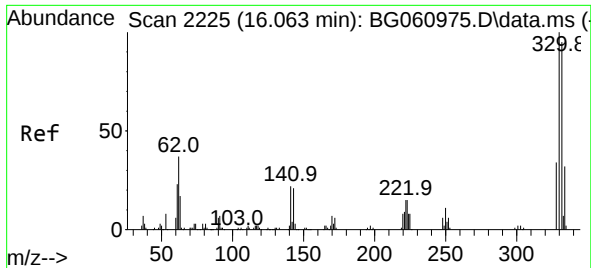
Ion Ratio Lower Upper

164 100

162 94.3 81.2 121.8

160 43.4 36.2 54.2

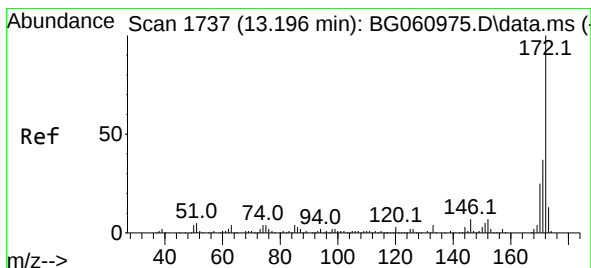
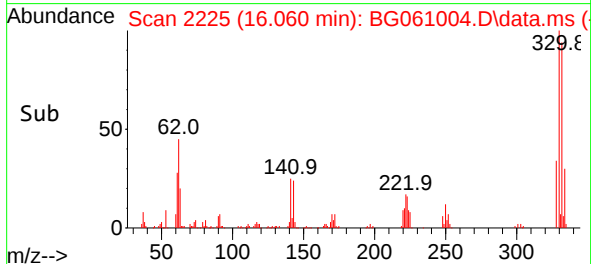
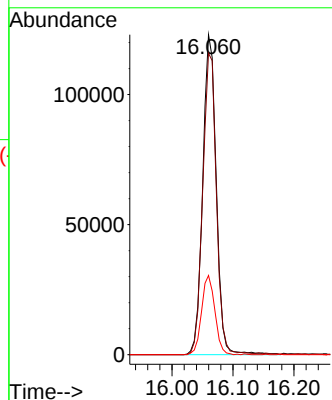
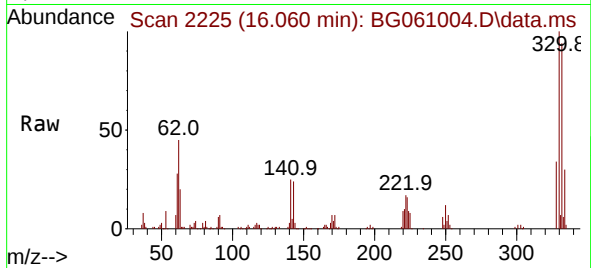




#42
 2,4,6-Tribromophenol
 Concen: 132.047 ng
 RT: 16.060 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG061004.D
 Acq: 23 Apr 2024 12:12

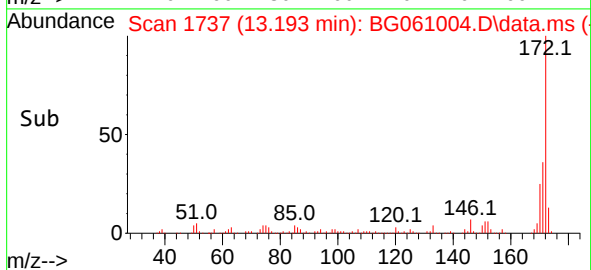
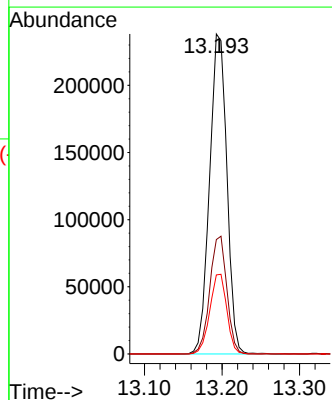
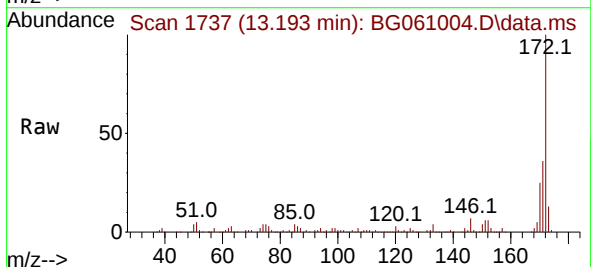
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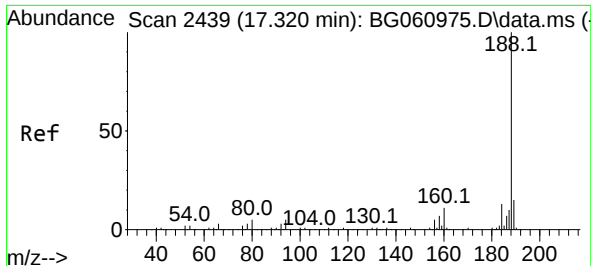
Tgt Ion:330 Resp: 189820
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.1 115.7
 141 24.3 20.6 31.0



#45
 2-Fluorobiphenyl
 Concen: 78.084 ng
 RT: 13.193 min Scan# 1737
 Delta R.T. -0.003 min
 Lab File: BG061004.D
 Acq: 23 Apr 2024 12:12

Tgt Ion:172 Resp: 369333
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 24.7 20.1 30.1

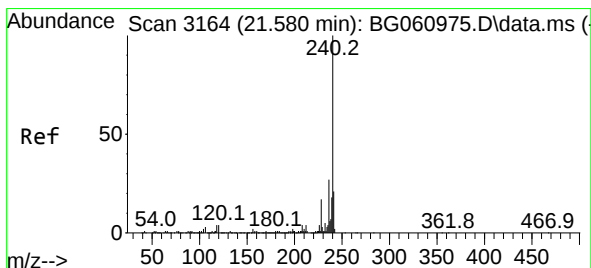
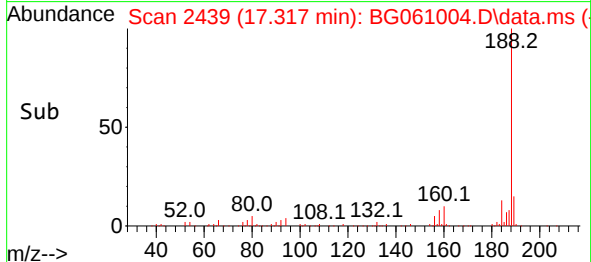
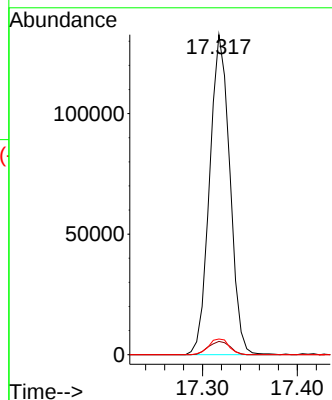
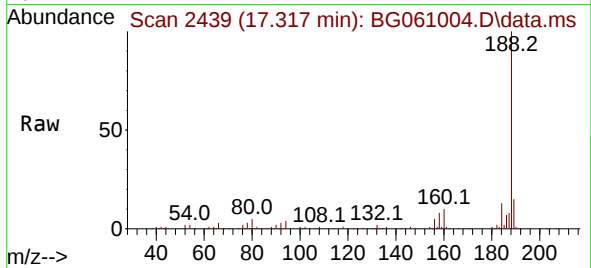




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.317 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG061004.D
Acq: 23 Apr 2024 12:12

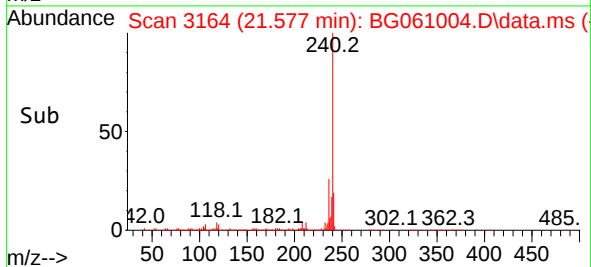
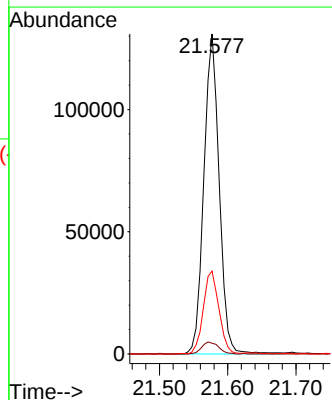
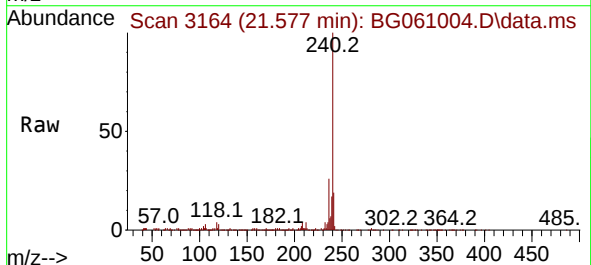
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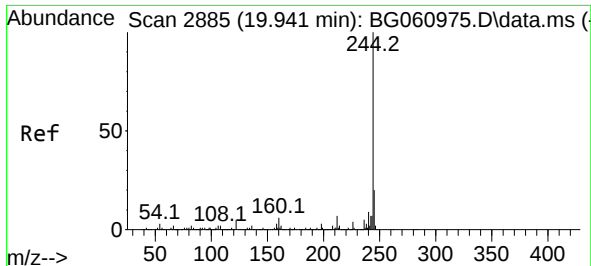
Tgt Ion:188 Resp: 196400
Ion Ratio Lower Upper
188 100
94 4.2 4.1 6.1
80 4.9 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3164
Delta R.T. -0.003 min
Lab File: BG061004.D
Acq: 23 Apr 2024 12:12

Tgt Ion:240 Resp: 204593
Ion Ratio Lower Upper
240 100
120 3.3 3.0 4.6
236 25.9 21.8 32.6

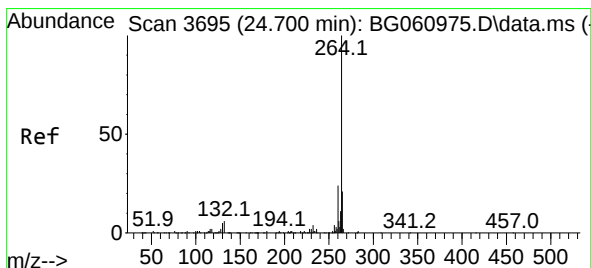
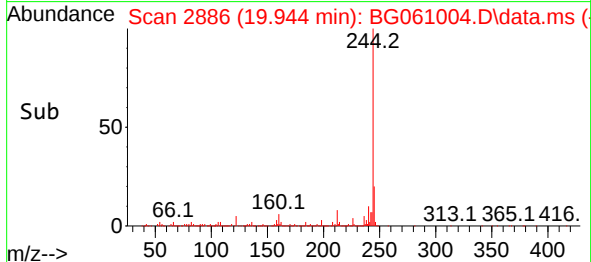
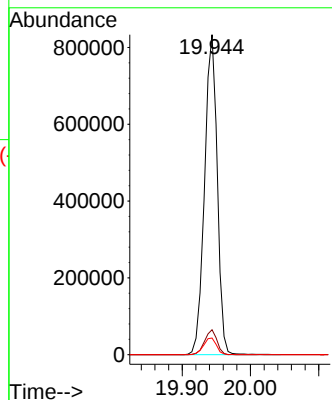
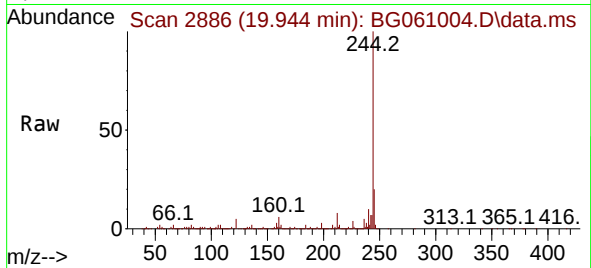




#79
 Terphenyl-d14
 Concen: 81.792 ng
 RT: 19.944 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG061004.D
 Acq: 23 Apr 2024 12:12

Instrument :
 BNA_G
 ClientSampleId :
 PB160353BL

Tgt Ion:244 Resp: 1078068
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 5.2 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.703 min Scan# 3696
 Delta R.T. 0.003 min
 Lab File: BG061004.D
 Acq: 23 Apr 2024 12:12

Tgt Ion:264 Resp: 234195
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.3 17.0 25.4

