

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060939.D
 Acq On : 18 Apr 2024 17:07
 Operator : MA/JU
 Sample : PB160360BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160360BL

Quant Time: Apr 18 17:45:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	46291	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	173815	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	142118	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	397325	20.000	ng	0.00
76) Chrysene-d12	21.567	240	401266	20.000	ng	-0.01
86) Perylene-d12	24.687	264	461160	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	355579	133.424	ng	0.00
7) Phenol-d6	7.107	99	477405	124.350	ng	0.00
23) Nitrobenzene-d5	9.093	82	316347	82.625	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	315580	134.413	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	819407	84.609	ng	0.00
79) Terphenyl-d14	19.939	244	1931991	84.029	ng	0.00

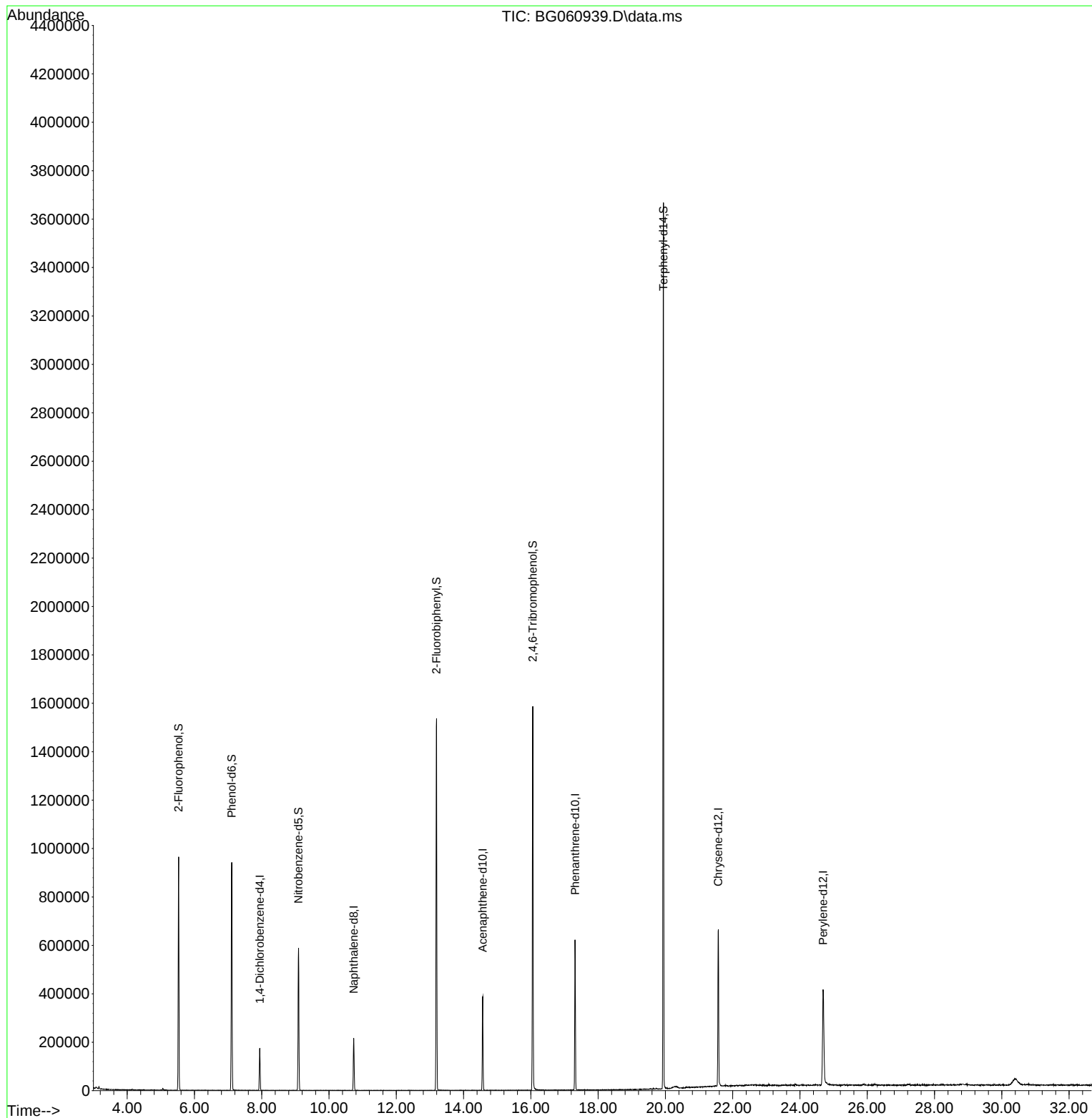
Target Compounds	Qvalue

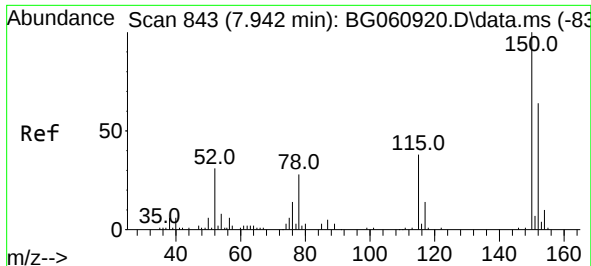
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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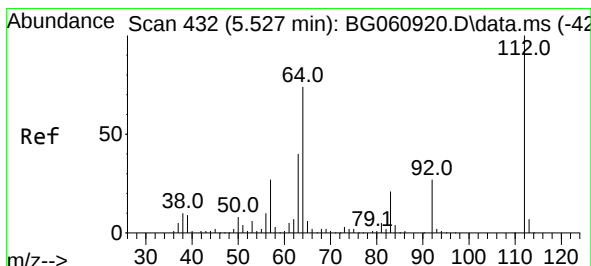
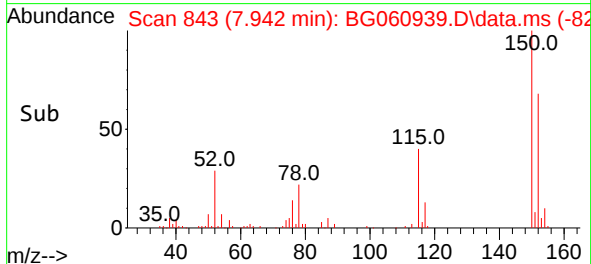
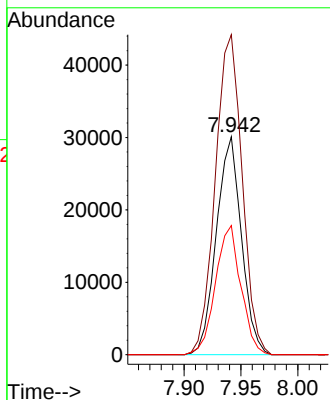
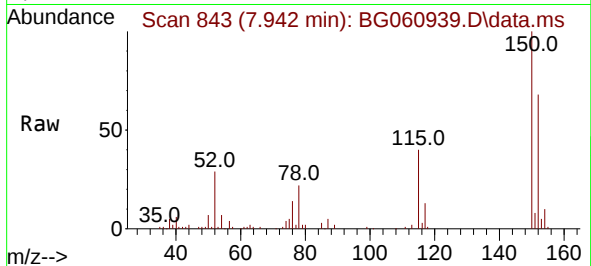




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 843
Delta R.T. -0.000 min
Lab File: BG060939.D
Acq: 18 Apr 2024 17:07

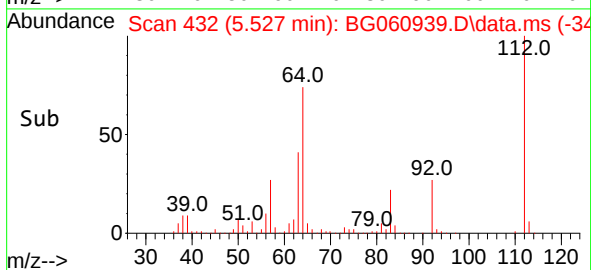
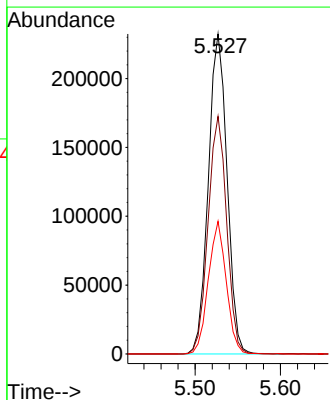
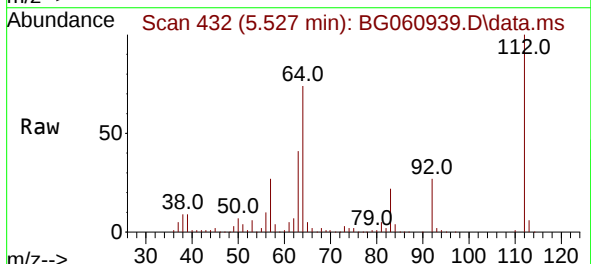
Instrument :
BNA_G
ClientSampleId :
PB160360BL

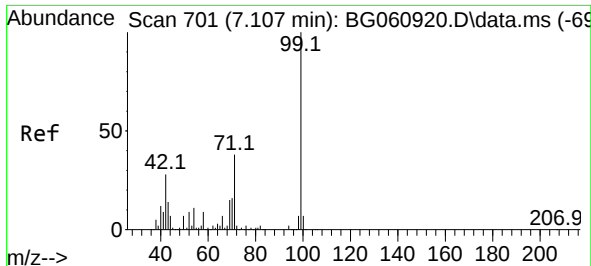
Tgt Ion:152 Resp: 46291
Ion Ratio Lower Upper
152 100
150 146.9 125.6 188.4
115 59.3 47.1 70.7



#5
2-Fluorophenol
Concen: 133.424 ng
RT: 5.527 min Scan# 432
Delta R.T. 0.000 min
Lab File: BG060939.D
Acq: 18 Apr 2024 17:07

Tgt Ion:112 Resp: 355579
Ion Ratio Lower Upper
112 100
64 74.2 58.9 88.3
63 41.5 32.1 48.1

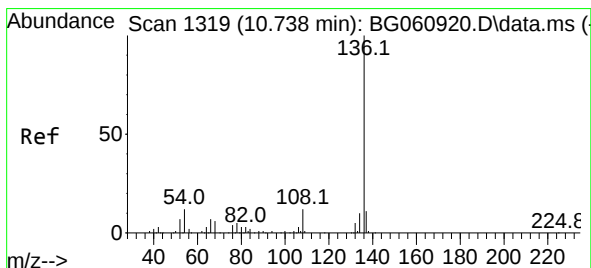
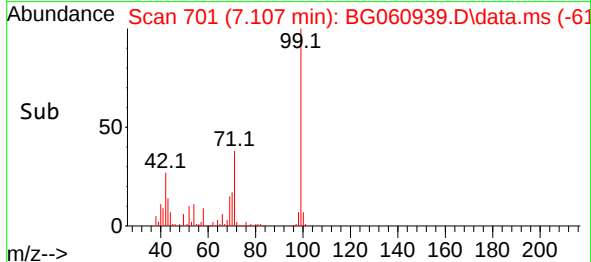
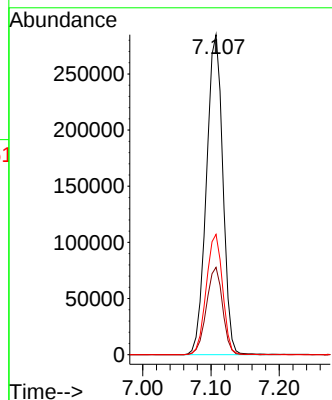
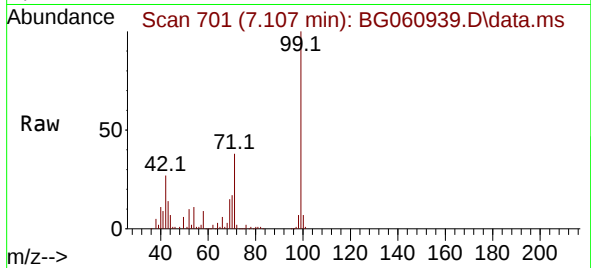




#7
Phenol-d6
Concen: 124.350 ng
RT: 7.107 min Scan# 701
Delta R.T. 0.000 min
Lab File: BG060939.D
Acq: 18 Apr 2024 17:07

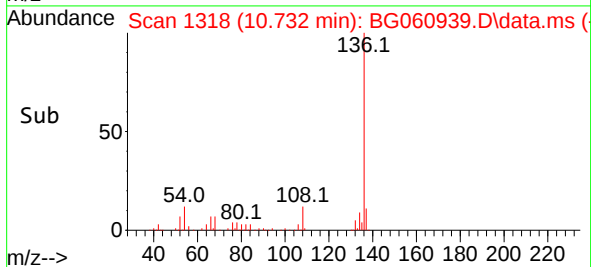
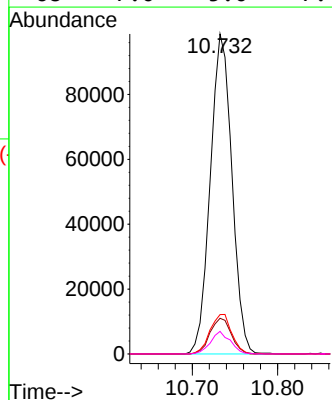
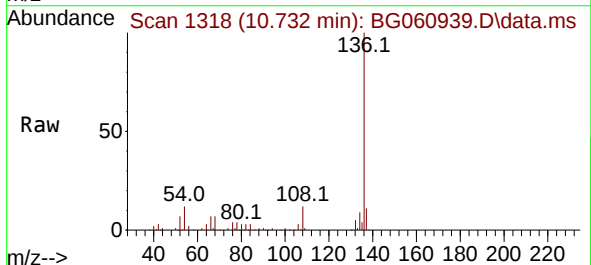
Instrument :
BNA_G
ClientSampleId :
PB160360BL

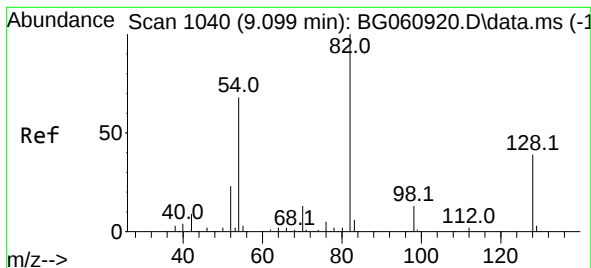
Tgt Ion: 99 Resp: 477405
Ion Ratio Lower Upper
99 100
42 27.3 22.2 33.2
71 37.6 30.5 45.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BG060939.D
Acq: 18 Apr 2024 17:07

Tgt Ion:136 Resp: 173815
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.3 9.8 14.8
68 7.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 82.625 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BG060939.D

Acq: 18 Apr 2024 17:07

Instrument :

BNA_G

ClientSampleId :

PB160360BL

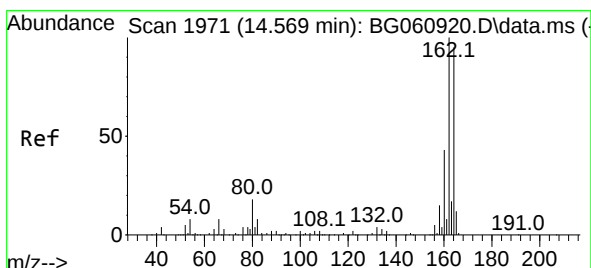
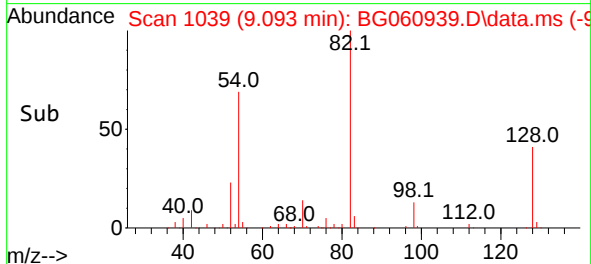
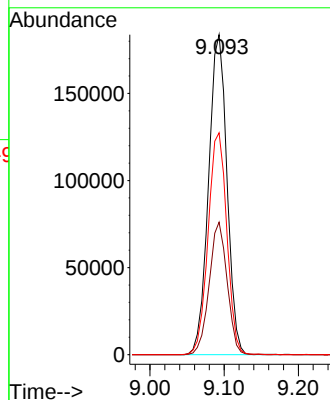
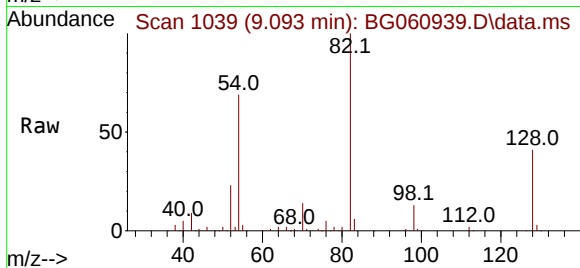
Tgt Ion: 82 Resp: 316347

Ion Ratio Lower Upper

82 100

128 41.4 31.4 47.0

54 69.4 54.2 81.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BG060939.D

Acq: 18 Apr 2024 17:07

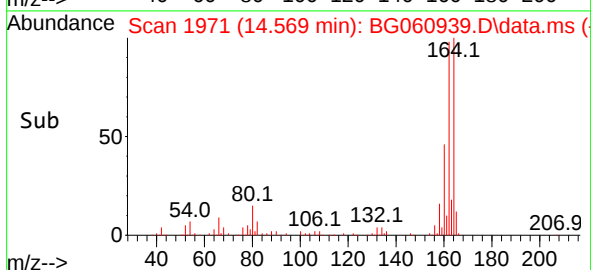
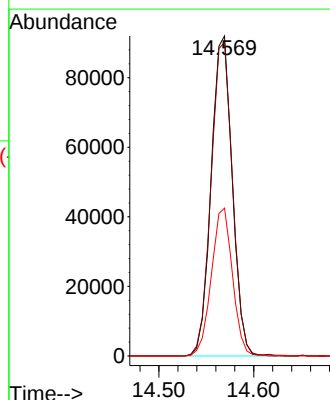
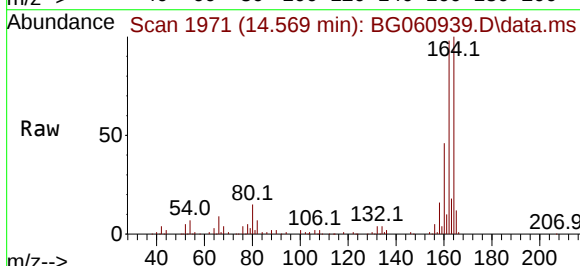
Tgt Ion:164 Resp: 142118

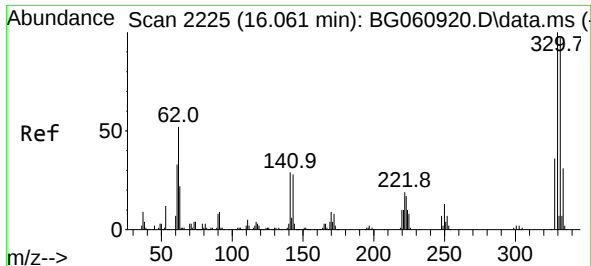
Ion Ratio Lower Upper

164 100

162 98.0 84.1 126.1

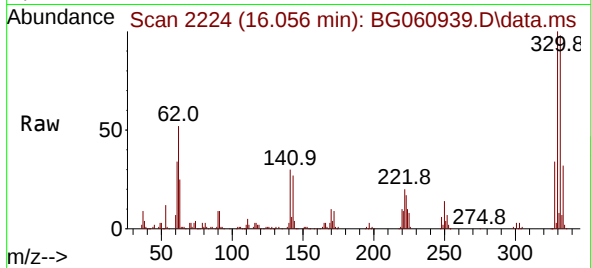
160 46.2 35.9 53.9



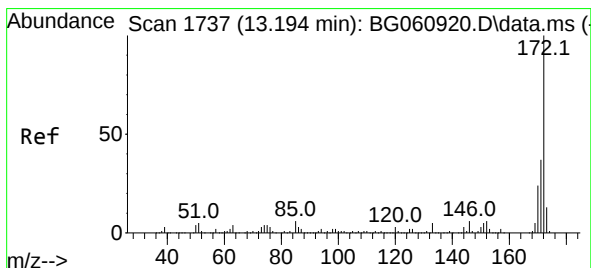
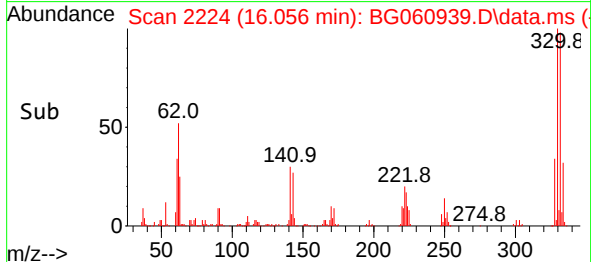
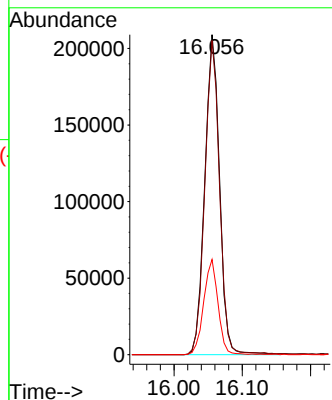


#42
2,4,6-Tribromophenol
Concen: 134.413 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060939.D
Acq: 18 Apr 2024 17:07

Instrument :
BNA_G
ClientSampleId :
PB160360BL

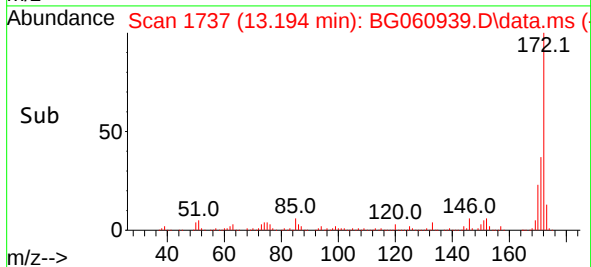
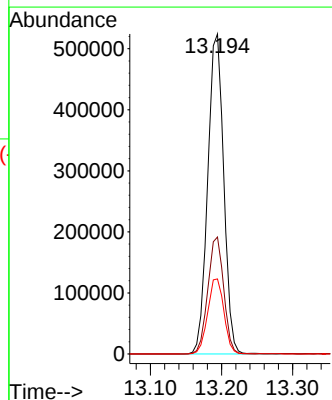
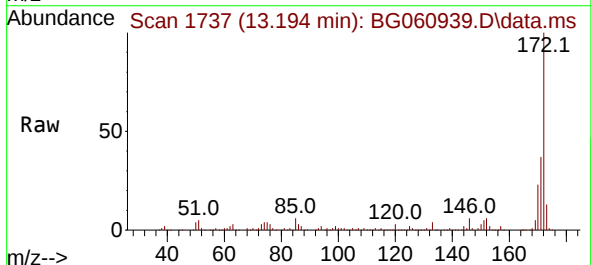


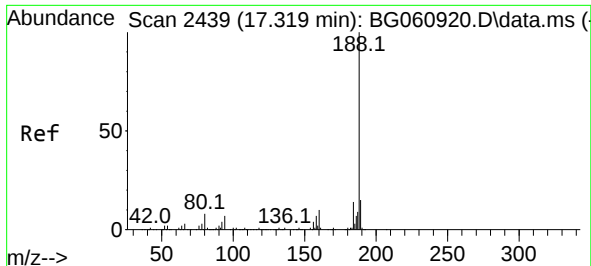
Tgt Ion:330 Resp: 315580
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 28.9 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 84.609 ng
RT: 13.194 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG060939.D
Acq: 18 Apr 2024 17:07

Tgt Ion:172 Resp: 819407
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 23.4 19.5 29.3

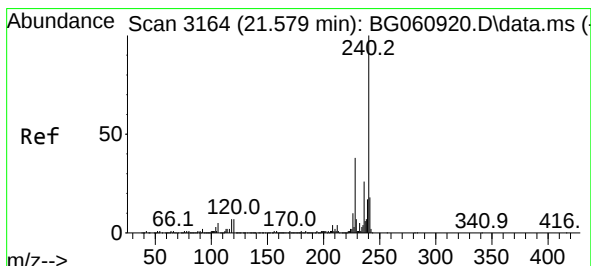
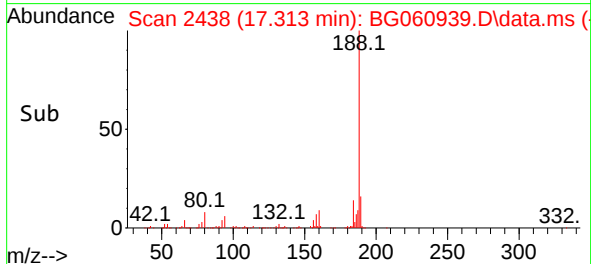
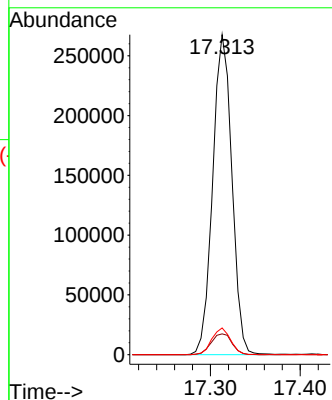
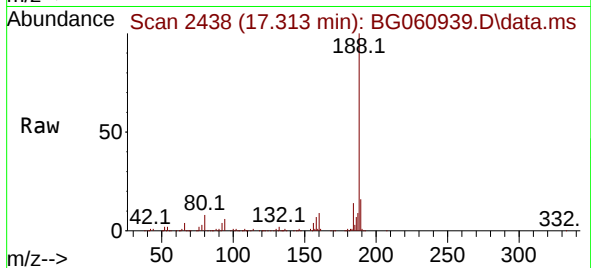




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG060939.D
Acq: 18 Apr 2024 17:07

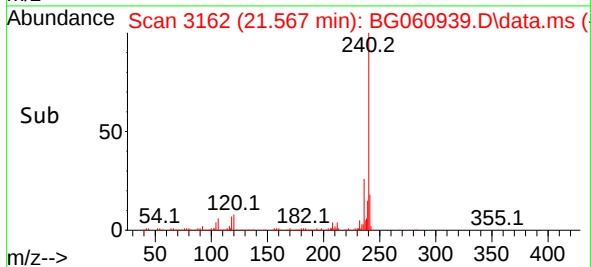
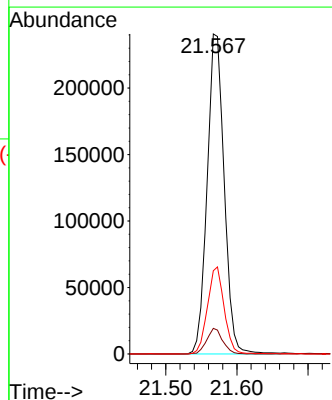
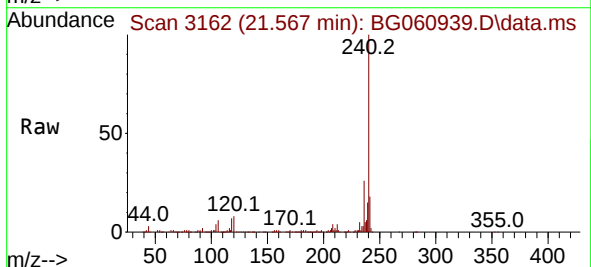
Instrument :
BNA_G
ClientSampleId :
PB160360BL

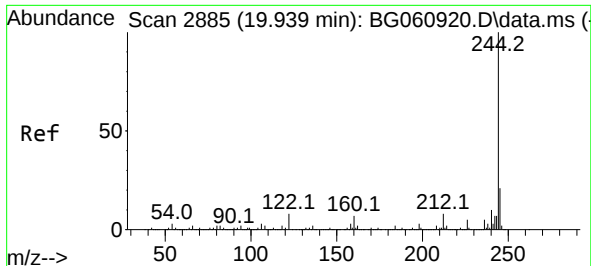
Tgt Ion:188 Resp: 397325
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.4 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BG060939.D
Acq: 18 Apr 2024 17:07

Tgt Ion:240 Resp: 401266
Ion Ratio Lower Upper
240 100
120 8.0 5.7 8.5
236 26.0 21.1 31.7

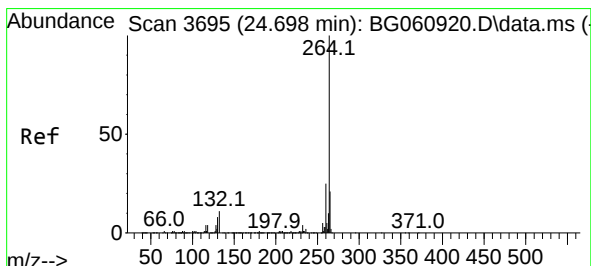
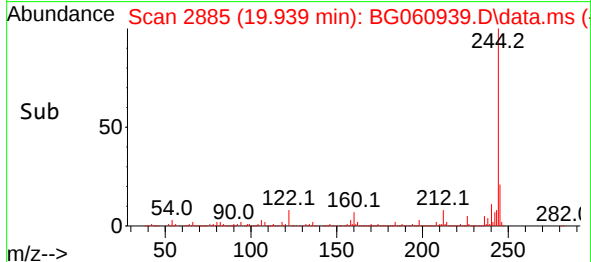
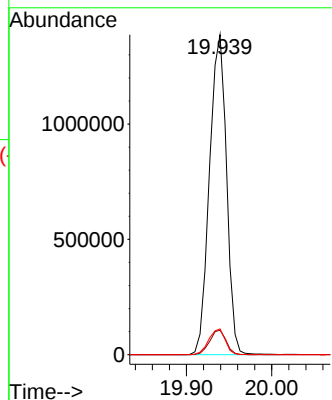
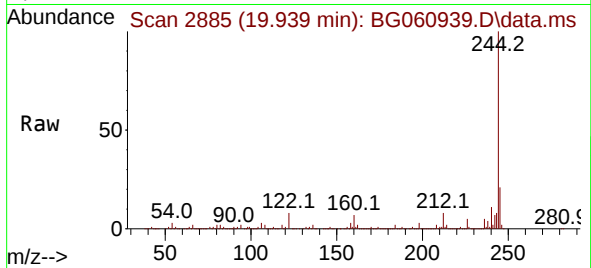




#79
 Terphenyl-d14
 Concen: 84.029 ng
 RT: 19.939 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060939.D
 Acq: 18 Apr 2024 17:07

Instrument :
 BNA_G
 ClientSampleId :
 PB160360BL

Tgt Ion:244 Resp: 1931991
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 8.1 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.687 min Scan# 3693
 Delta R.T. -0.012 min
 Lab File: BG060939.D
 Acq: 18 Apr 2024 17:07

Tgt Ion:264 Resp: 461160
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.1 16.6 25.0

