

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
Data File : BG060821.D
Acq On : 8 Apr 2024 11:48
Operator : MA/JU
Sample : PB160005BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160005BL

Quant Time: Apr 08 12:35:17 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	7.952	152	47477	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	181234	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	144538	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	400212	20.000	ng	0.00
76) Chrysene-d12	21.589	240	433492	20.000	ng	-0.02
86) Perylene-d12	24.721	264	515077	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	188289	66.067	ng	0.00
7) Phenol-d6	7.112	99	251110	59.358	ng	0.00
23) Nitrobenzene-d5	9.098	82	149513	47.074	ng	-0.02
42) 2,4,6-Tribromophenol	16.066	330	142026	86.562	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	426338	43.290	ng	-0.02
79) Terphenyl-d14	19.950	244	1087742	44.184	ng	-0.02

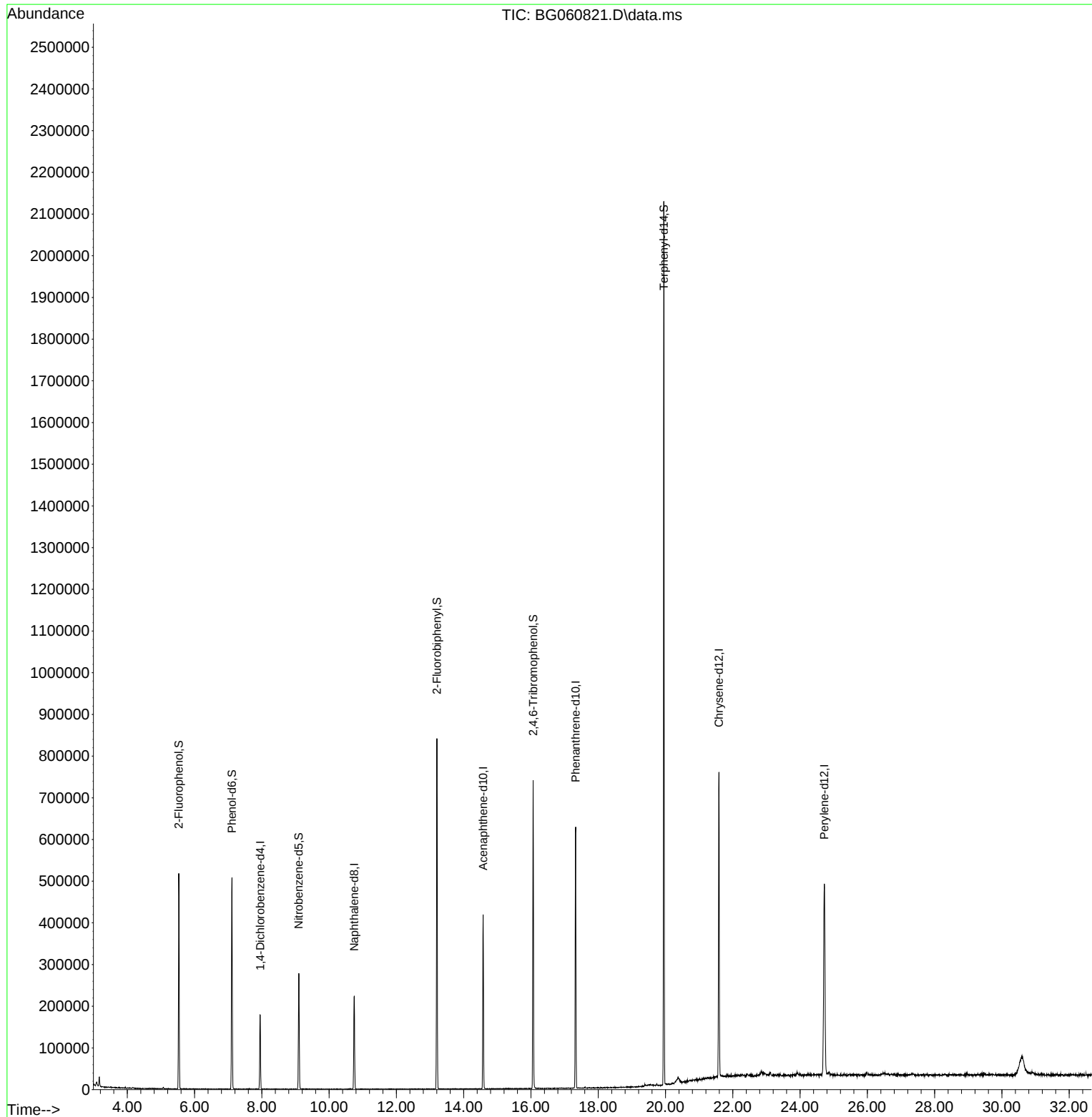
Target Compounds	Qvalue

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

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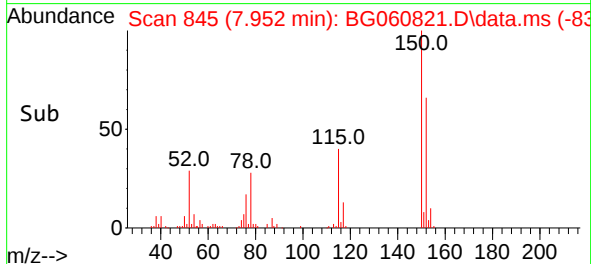
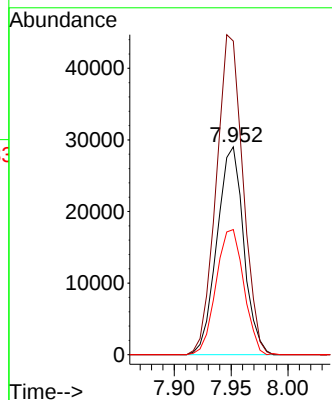
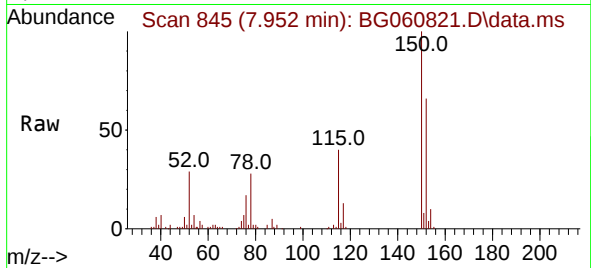




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

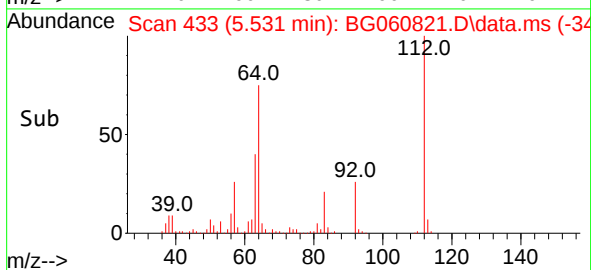
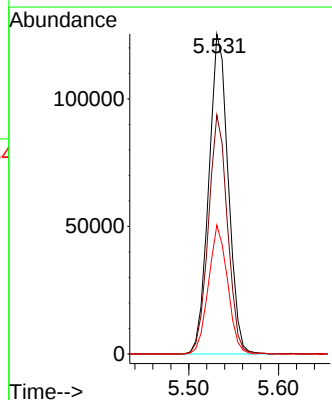
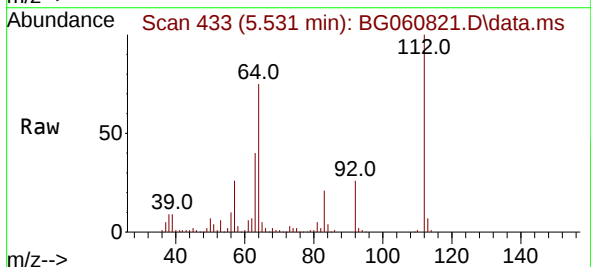
Instrument :
BNA_G
ClientSampleId :
PB160005BL

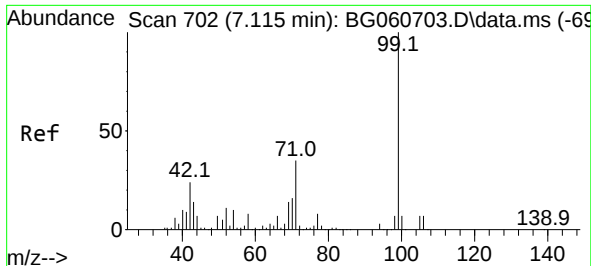
Tgt Ion:152 Resp: 47477
Ion Ratio Lower Upper
152 100
150 150.8 130.2 195.4
115 60.2 51.6 77.4



#5
2-Fluorophenol
Concen: 66.067 ng
RT: 5.531 min Scan# 433
Delta R.T. -0.004 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

Tgt Ion:112 Resp: 188289
Ion Ratio Lower Upper
112 100
64 74.7 58.4 87.6
63 40.3 32.7 49.1

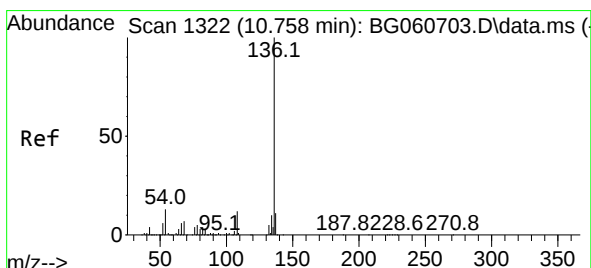
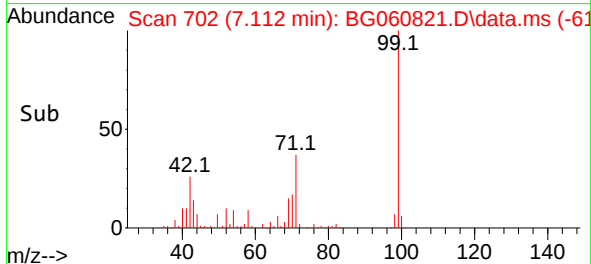
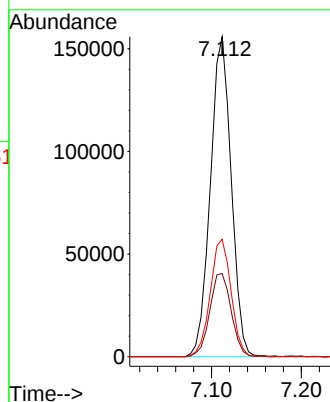
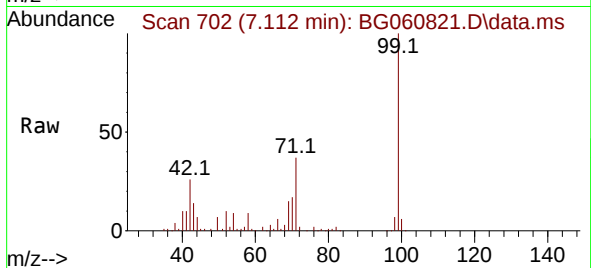




#7
Phenol-d6
Concen: 59.358 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.004 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

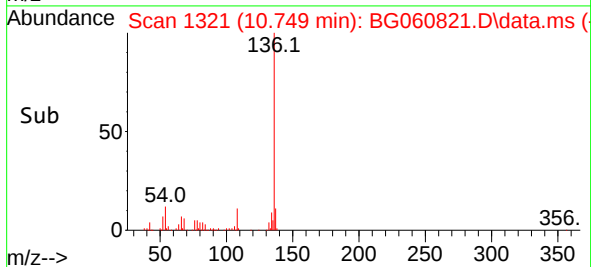
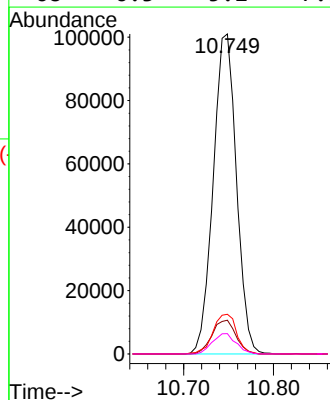
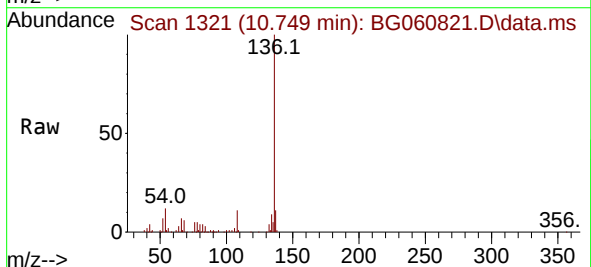
Instrument :
BNA_G
ClientSampleId :
PB160005BL

Tgt Ion: 99 Resp: 251110
Ion Ratio Lower Upper
99 100
42 26.0 19.4 29.2
71 36.7 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

Tgt Ion: 136 Resp: 181234
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 12.4 10.2 15.2
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 47.074 ng

RT: 9.098 min Scan# 1040

Delta R.T. -0.015 min

Lab File: BG060821.D

Acq: 8 Apr 2024 11:48

Instrument :

BNA_G

ClientSampleId :

PB160005BL

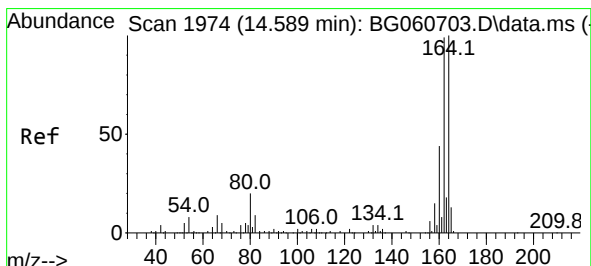
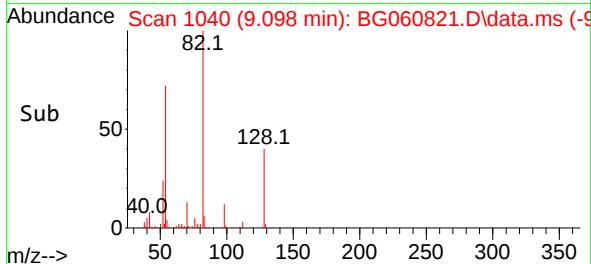
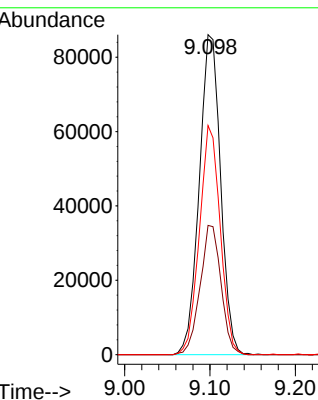
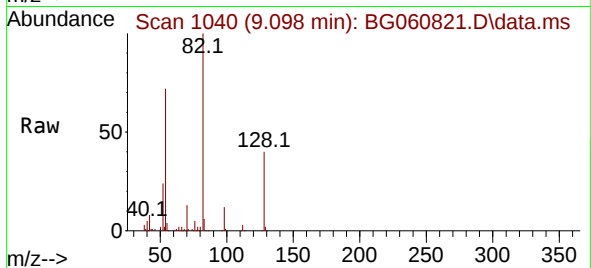
Tgt Ion: 82 Resp: 149513

Ion Ratio Lower Upper

82 100

128 40.4 31.2 46.8

54 71.6 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.579 min Scan# 1973

Delta R.T. -0.010 min

Lab File: BG060821.D

Acq: 8 Apr 2024 11:48

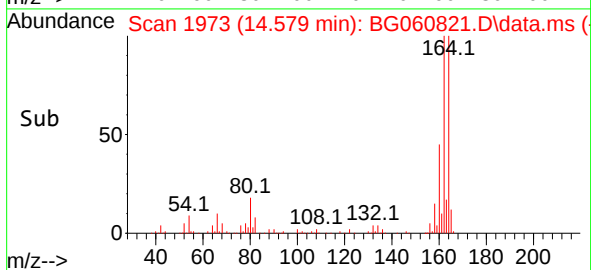
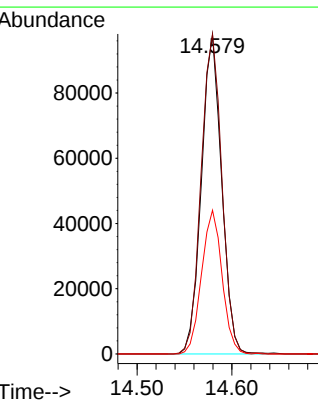
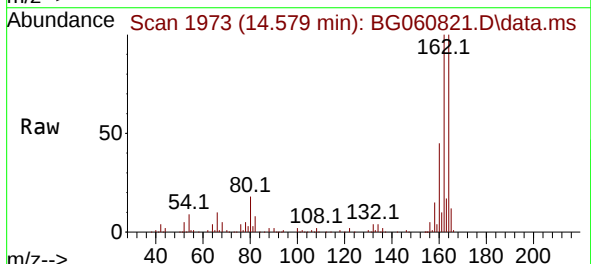
Tgt Ion: 164 Resp: 144538

Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

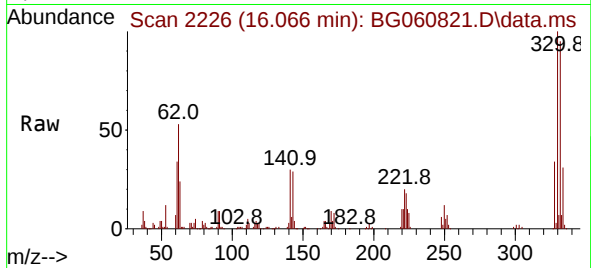
160 45.0 35.4 53.0



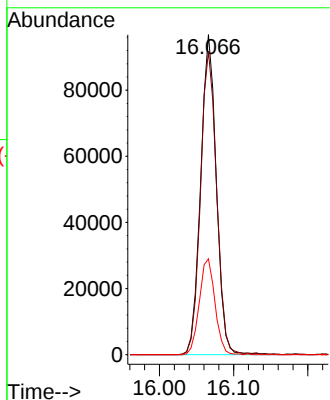
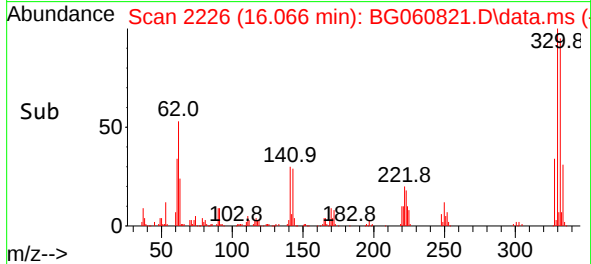


#42
2,4,6-Tribromophenol
Concen: 86.562 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

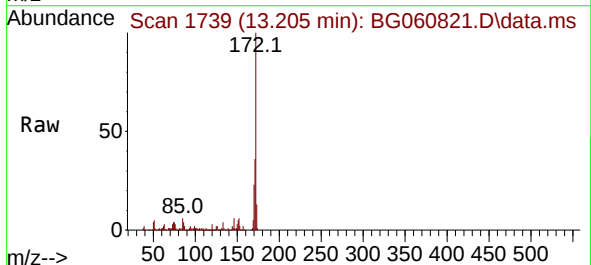
Instrument :
BNA_G
ClientSampleId :
PB160005BL



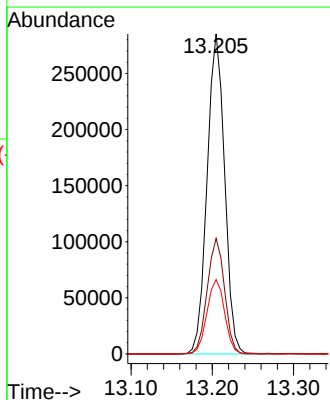
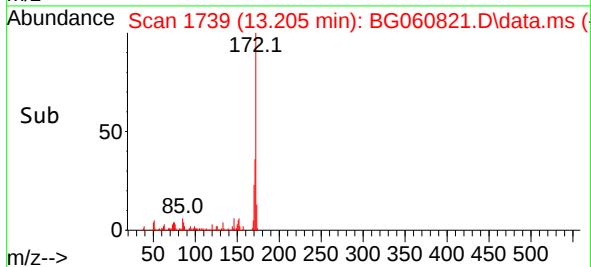
Tgt Ion:330 Resp: 142026
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.4
141 30.0 27.0 40.6

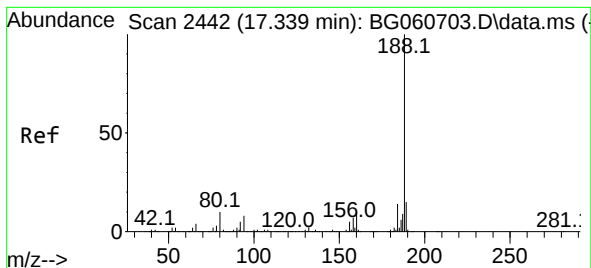


#45
2-Fluorobiphenyl
Concen: 43.290 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48



Tgt Ion:172 Resp: 426338
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.329 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BG060821.D

Acq: 8 Apr 2024 11:48

Instrument :

BNA_G

ClientSampleId :

PB160005BL

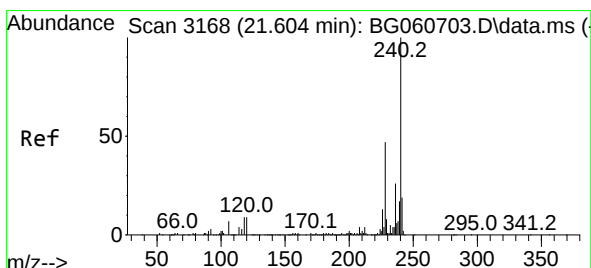
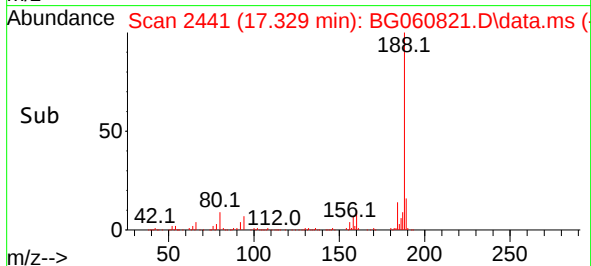
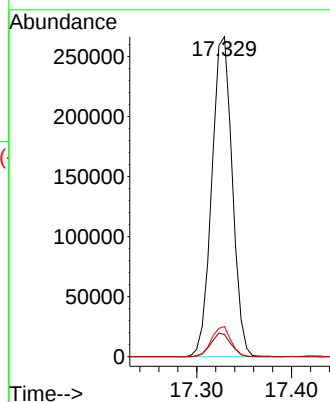
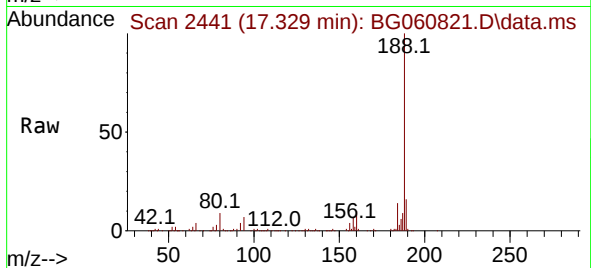
Tgt Ion:188 Resp: 400212

Ion Ratio Lower Upper

188 100

94 6.9 6.6 9.8

80 9.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3166

Delta R.T. -0.015 min

Lab File: BG060821.D

Acq: 8 Apr 2024 11:48

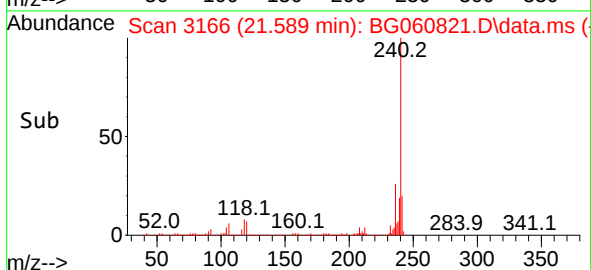
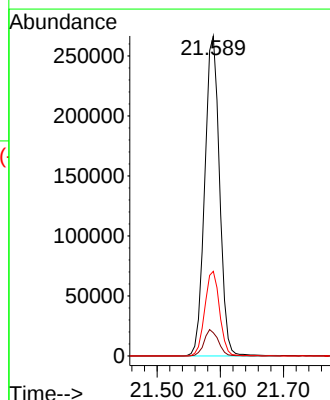
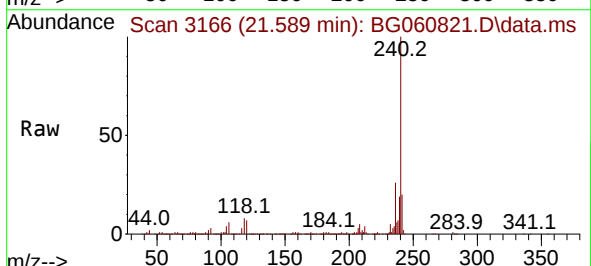
Tgt Ion:240 Resp: 433492

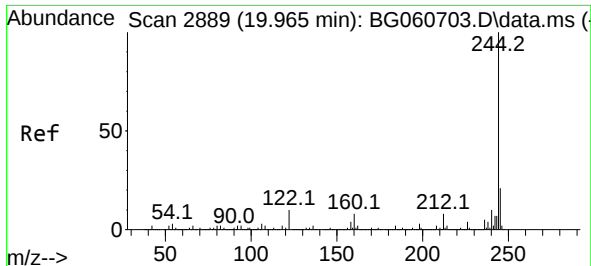
Ion Ratio Lower Upper

240 100

120 7.2 7.1 10.7

236 26.4 20.7 31.1

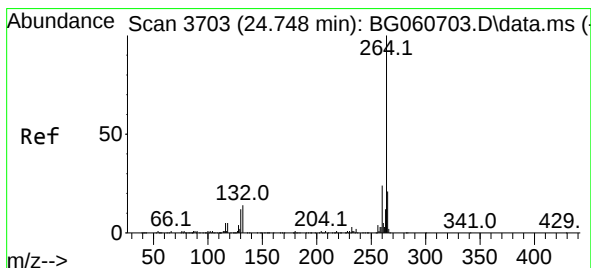
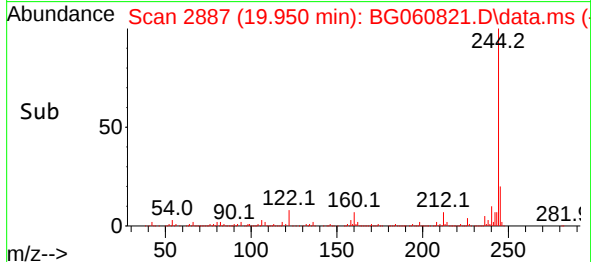
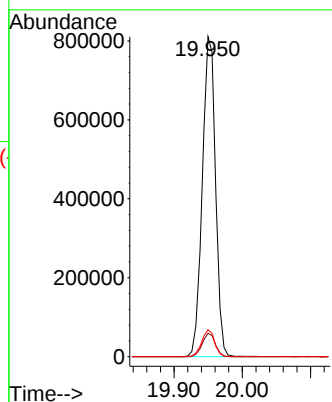
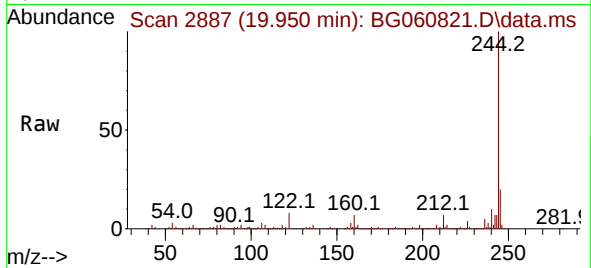




#79
 Terphenyl-d14
 Concen: 44.184 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060821.D
 Acq: 8 Apr 2024 11:48

Instrument :
 BNA_G
 ClientSampleId :
 PB160005BL

Tgt Ion:244 Resp: 1087742
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.721 min Scan# 3699
 Delta R.T. -0.027 min
 Lab File: BG060821.D
 Acq: 8 Apr 2024 11:48

Tgt Ion:264 Resp: 515077
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.9 16.9 25.3

