

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041624\
 Data File : BG060910.D
 Acq On : 16 Apr 2024 12:29
 Operator : MA/JU
 Sample : PB160180TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160180TB

Quant Time: Apr 16 13:03:49 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	7.944	152	46318	20.000	ng	-0.02
21) Naphthalene-d8	10.741	136	181618	20.000	ng	-0.02
39) Acenaphthene-d10	14.577	164	144480	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	382278	20.000	ng	#-0.01
76) Chrysene-d12	21.587	240	361165	20.000	ng	-0.02
86) Perylene-d12	24.718	264	417510	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	349949	125.864	ng	0.00
7) Phenol-d6	7.116	99	452284	109.588	ng	0.00
23) Nitrobenzene-d5	9.101	82	299300	94.035	ng	-0.01
42) 2,4,6-Tribromophenol	16.064	330	292905	178.592	ng	-0.01
45) 2-Fluorobiphenyl	13.203	172	762661	77.471	ng	-0.02
79) Terphenyl-d14	19.948	244	1650337	80.461	ng	-0.02

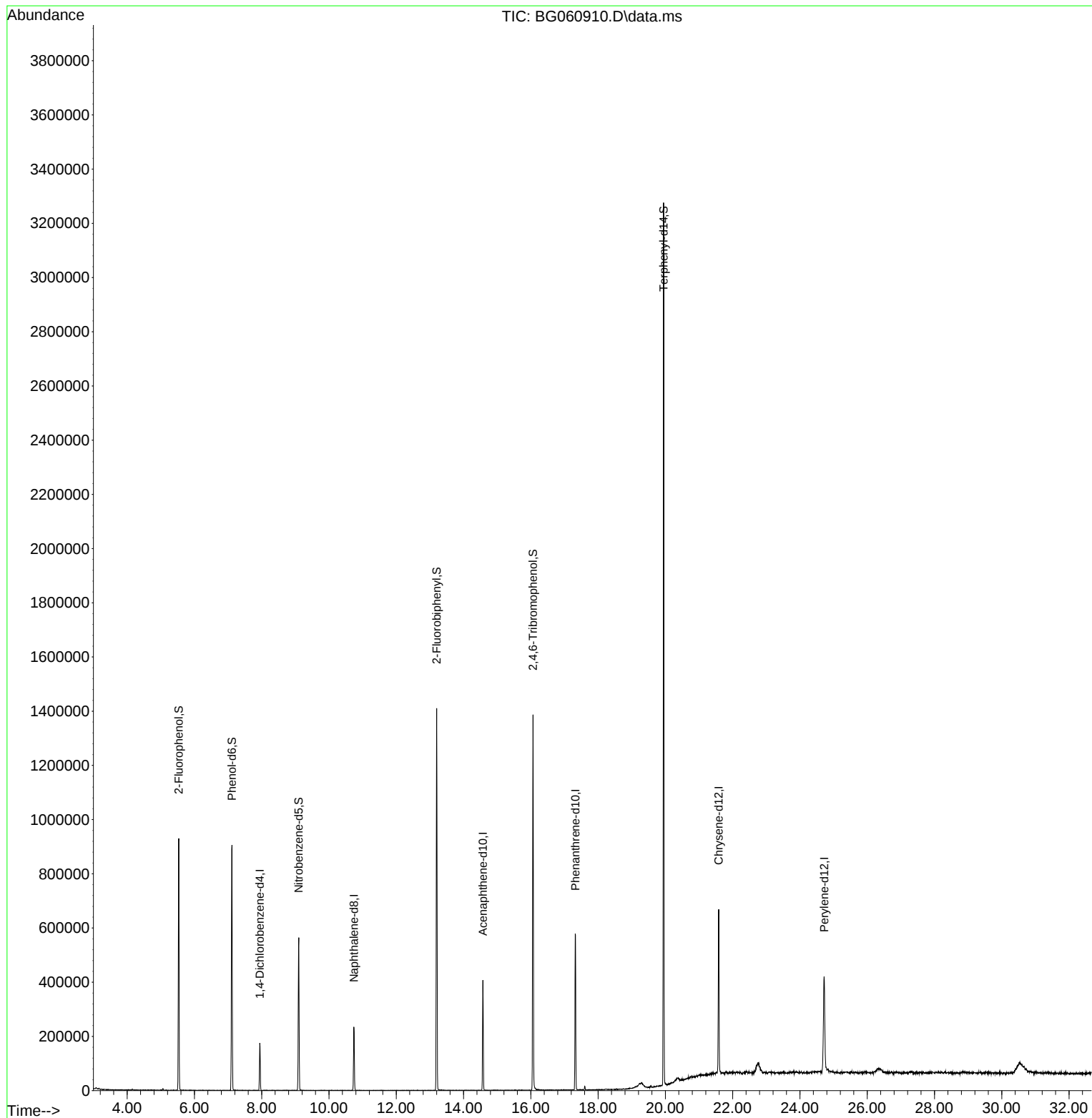
Target Compounds	Qvalue

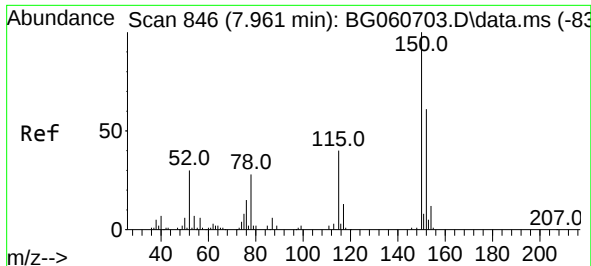
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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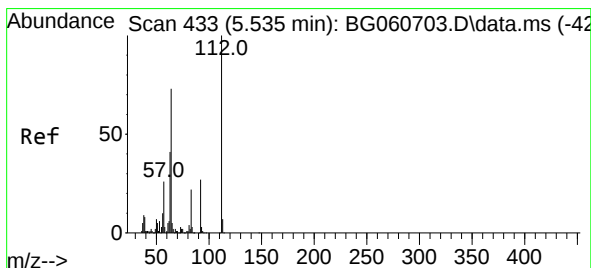
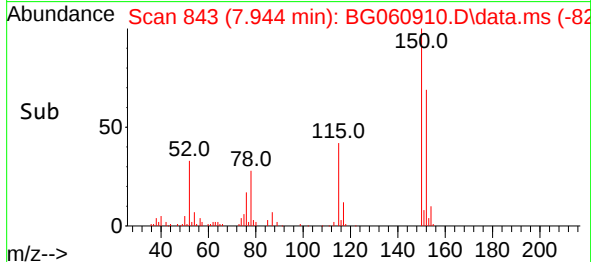
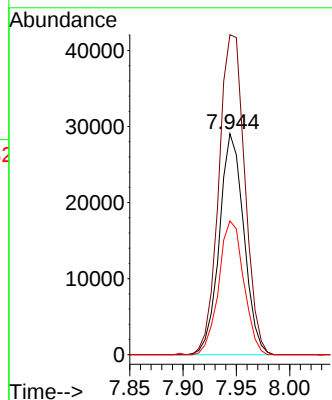
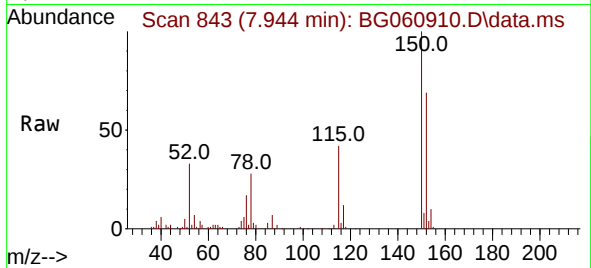




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.944 min Scan# 846
 Delta R.T. -0.017 min
 Lab File: BG060910.D
 Acq: 16 Apr 2024 12:29

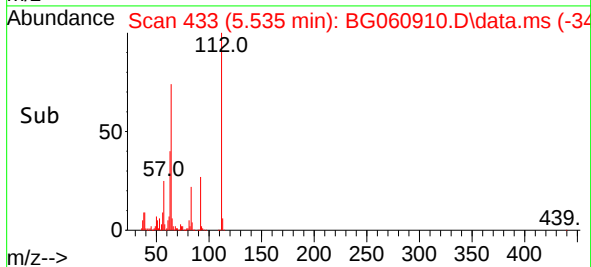
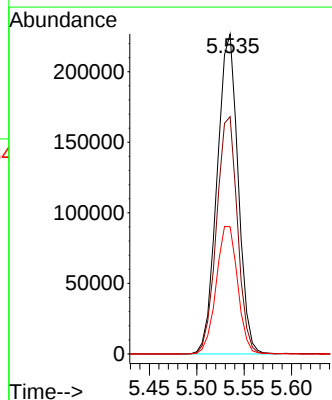
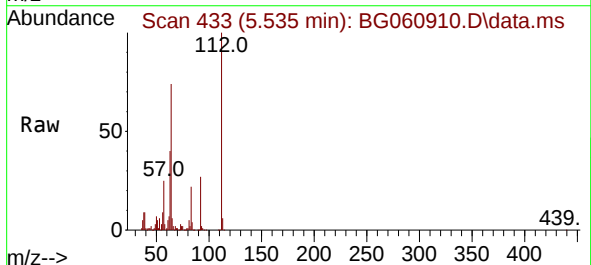
Instrument :
 BNA_G
 ClientSampleId :
 PB160180TB

Tgt Ion:152 Resp: 46318
 Ion Ratio Lower Upper
 152 100
 150 144.8 130.2 195.4
 115 60.6 51.6 77.4



#5
 2-Fluorophenol
 Concen: 125.864 ng
 RT: 5.535 min Scan# 433
 Delta R.T. 0.000 min
 Lab File: BG060910.D
 Acq: 16 Apr 2024 12:29

Tgt Ion:112 Resp: 349949
 Ion Ratio Lower Upper
 112 100
 64 74.1 58.4 87.6
 63 39.8 32.7 49.1

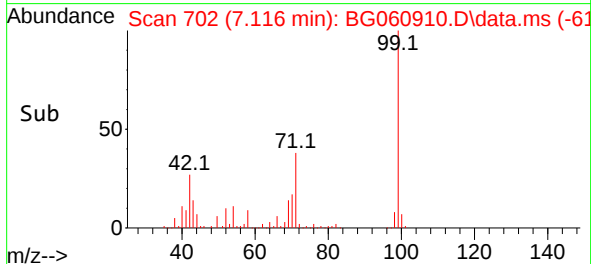
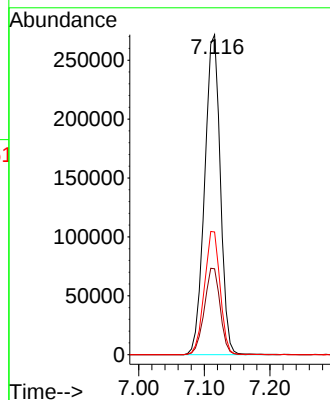
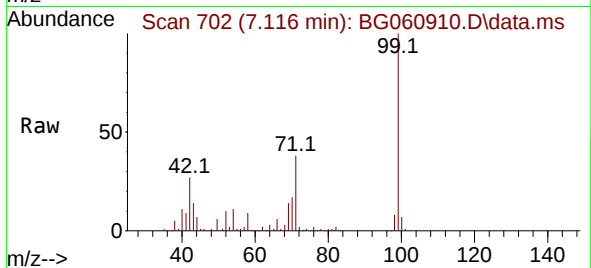




#7
Phenol-d6
Concen: 109.588 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

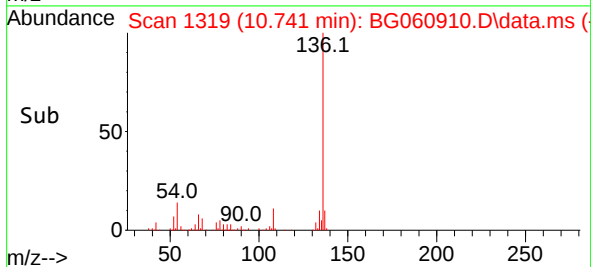
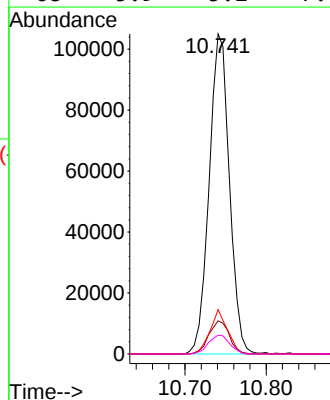
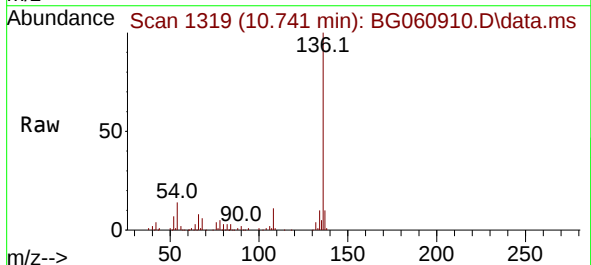
Instrument :
BNA_G
ClientSampleId :
PB160180TB

Tgt Ion: 99 Resp: 452284
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 38.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Tgt Ion: 136 Resp: 181618
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 13.8 10.2 15.2
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 94.035 ng

RT: 9.101 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BG060910.D

Acq: 16 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

PB160180TB

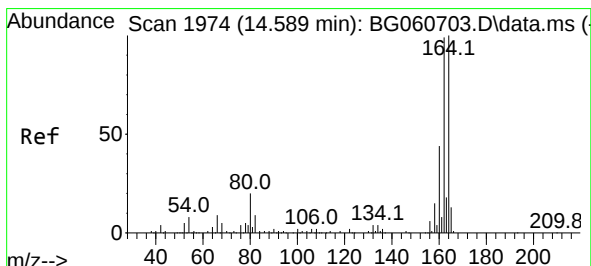
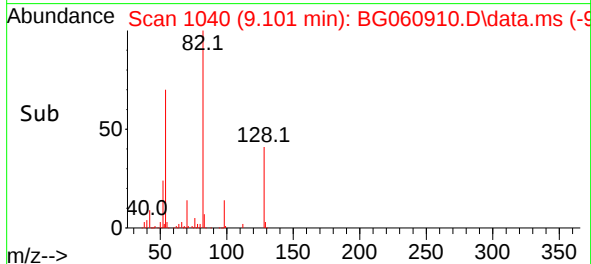
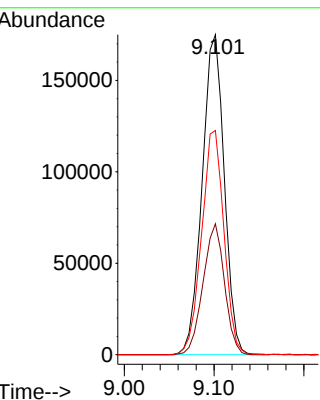
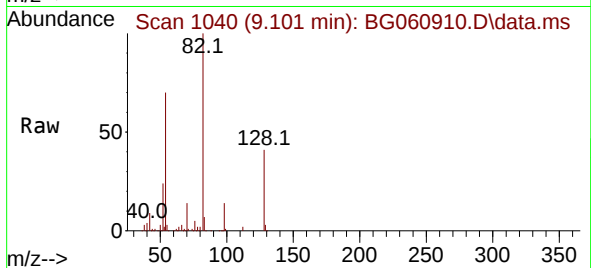
Tgt Ion: 82 Resp: 299300

Ion Ratio Lower Upper

82 100

128 40.9 31.2 46.8

54 70.1 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1972

Delta R.T. -0.012 min

Lab File: BG060910.D

Acq: 16 Apr 2024 12:29

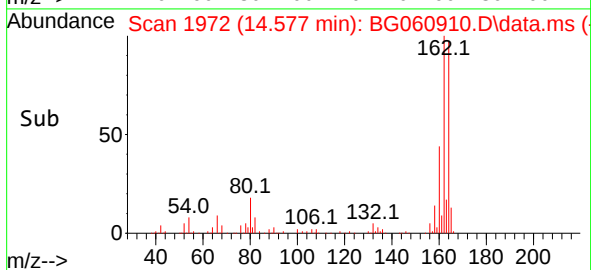
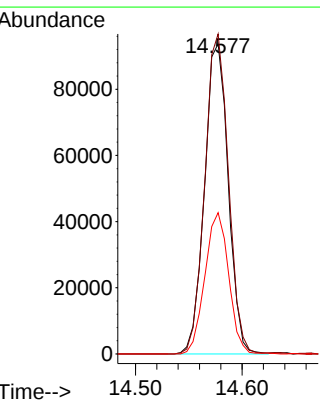
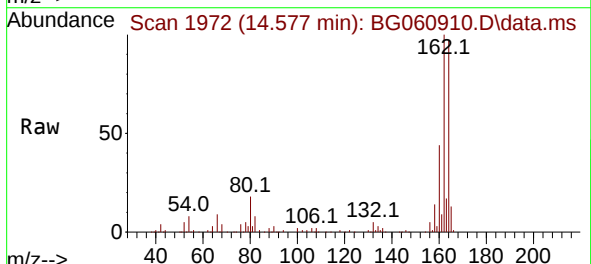
Tgt Ion: 164 Resp: 144480

Ion Ratio Lower Upper

164 100

162 103.1 79.5 119.3

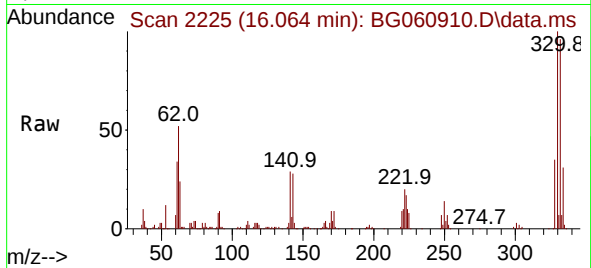
160 45.5 35.4 53.0



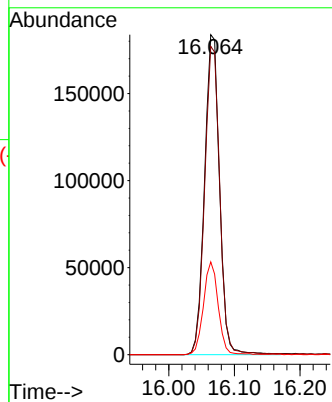
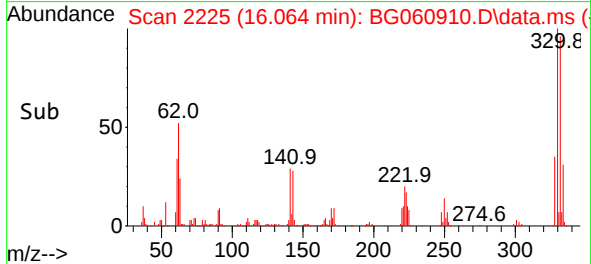


#42
2,4,6-Tribromophenol
Concen: 178.592 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

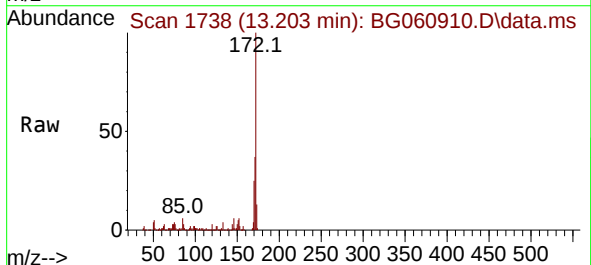
Instrument :
BNA_G
ClientSampleId :
PB160180TB



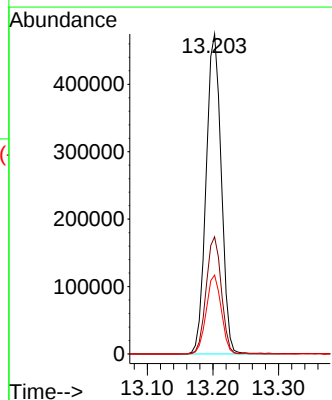
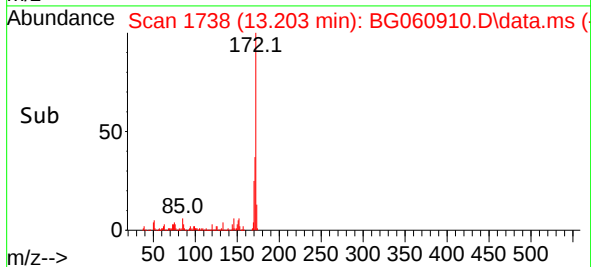
Tgt Ion:330 Resp: 292905
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 28.5 27.0 40.6

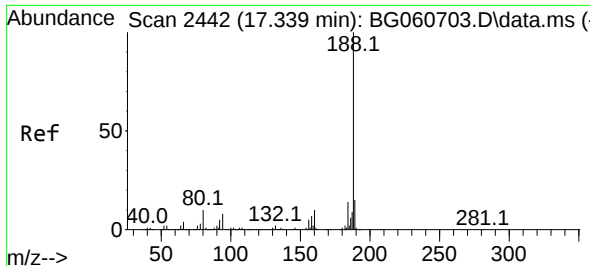


#45
2-Fluorobiphenyl
Concen: 77.471 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29



Tgt Ion:172 Resp: 762661
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.7 19.4 29.0

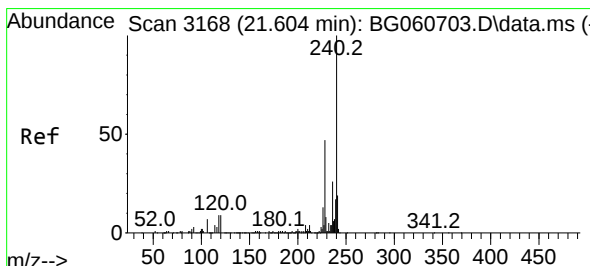
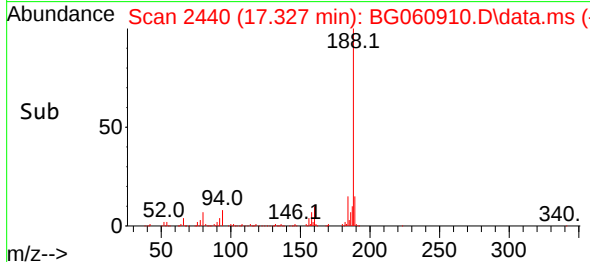
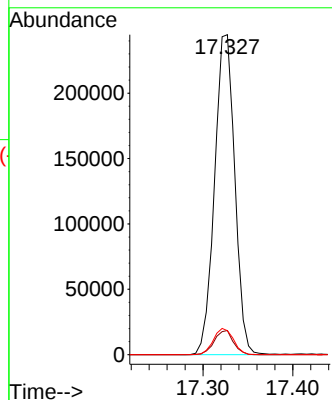
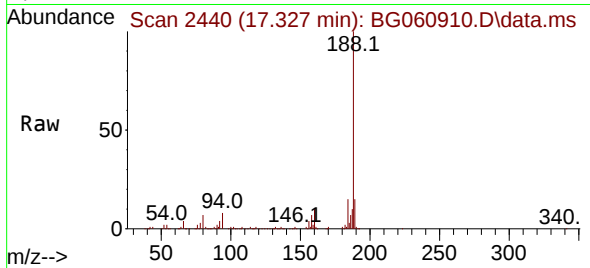




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

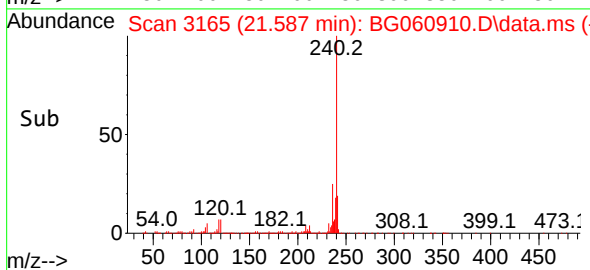
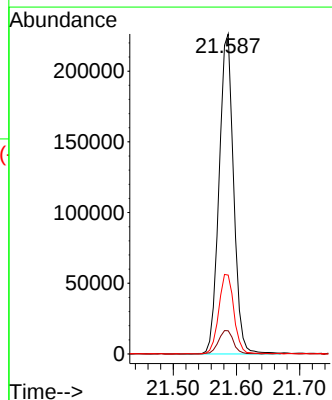
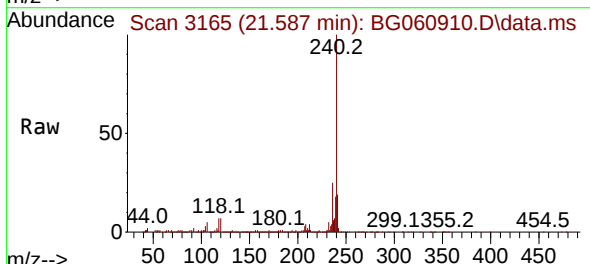
Instrument :
BNA_G
ClientSampleId :
PB160180TB

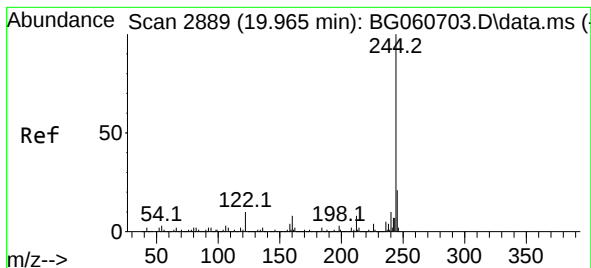
Tgt Ion:188 Resp: 382278
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 7.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Tgt Ion:240 Resp: 361165
Ion Ratio Lower Upper
240 100
120 7.2 7.1 10.7
236 24.7 20.7 31.1





#79

Terphenyl-d14

Concen: 80.461 ng

RT: 19.948 min Scan# 2886

Delta R.T. -0.017 min

Lab File: BG060910.D

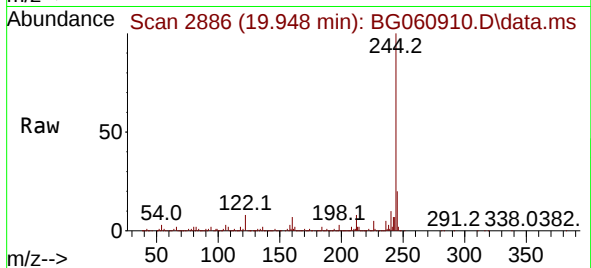
Acq: 16 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

PB160180TB



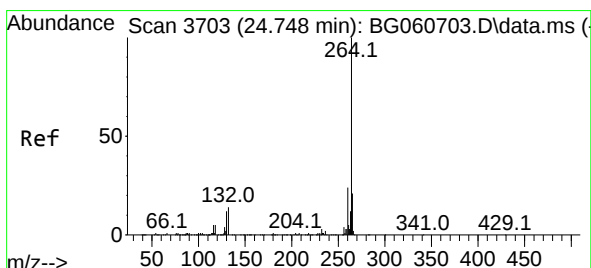
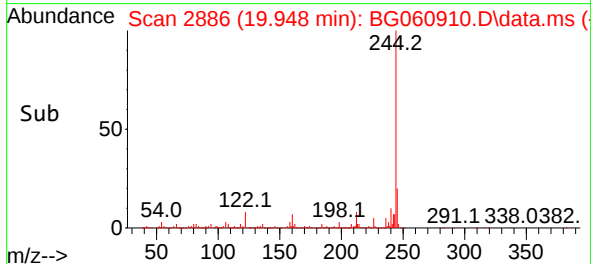
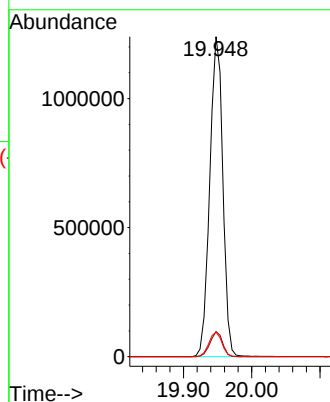
Tgt Ion:244 Resp: 1650337

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 7.7 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.718 min Scan# 3698

Delta R.T. -0.029 min

Lab File: BG060910.D

Acq: 16 Apr 2024 12:29

Tgt Ion:264 Resp: 417510

Ion Ratio Lower Upper

264 100

260 26.4 19.5 29.3

265 22.4 16.9 25.3

