

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060951.D
Acq On : 19 Apr 2024 1:23
Operator : MA/JU
Sample : P2151-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WATER-COMP

Quant Time: Apr 19 02:35:38 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	7.938	152	48501	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	185774	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	157237	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	397366	20.000	ng	0.00
76) Chrysene-d12	21.569	240	390030	20.000	ng	0.00
86) Perylene-d12	24.688	264	464493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	174199	62.386	ng	0.00
7) Phenol-d6	7.103	99	172293	42.832	ng	0.00
23) Nitrobenzene-d5	9.089	82	302567	73.938	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	312730	120.392	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	806908	75.307	ng	0.00
79) Terphenyl-d14	19.935	244	1561347	69.864	ng	0.00

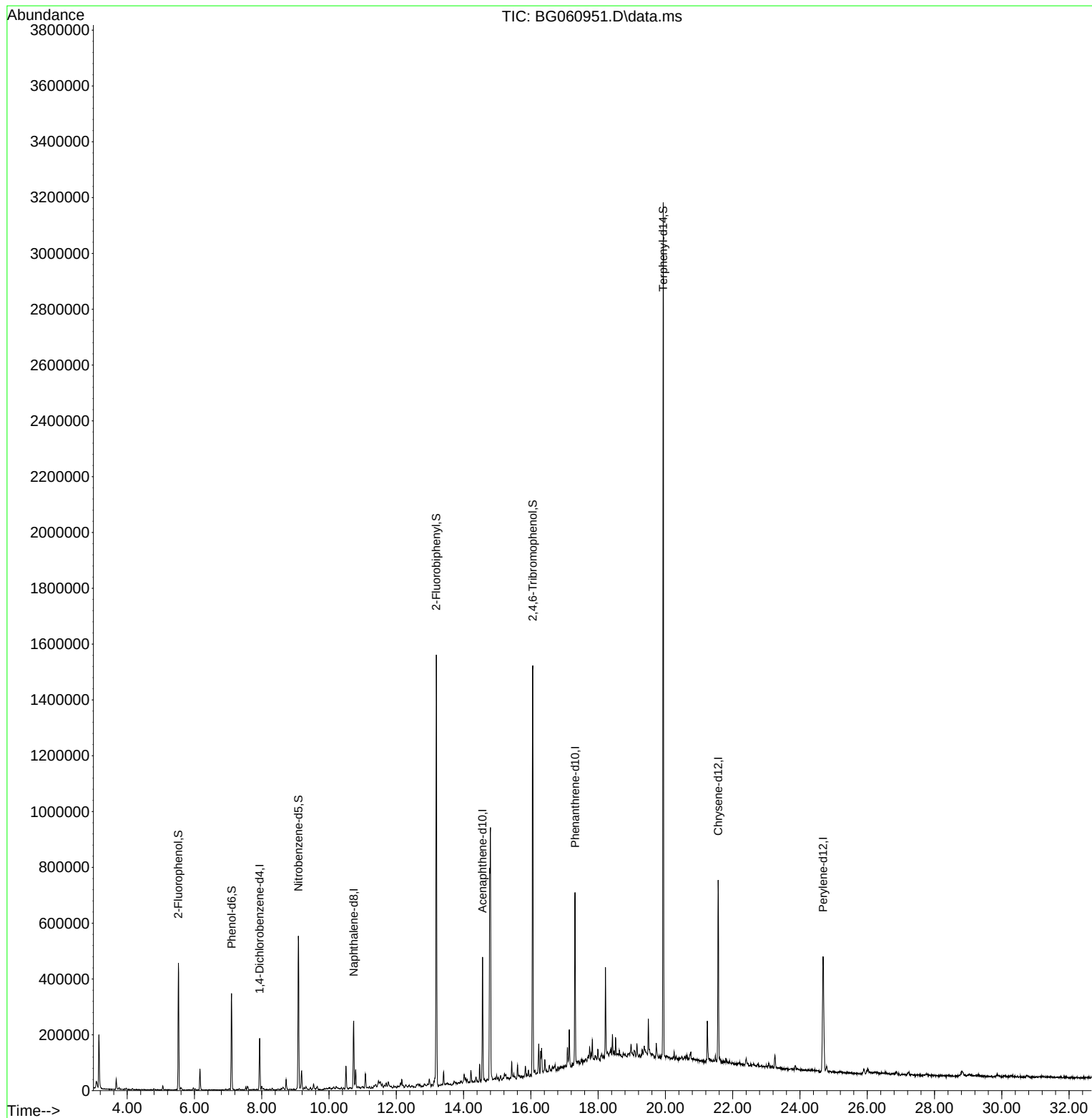
Target Compounds	Qvalue

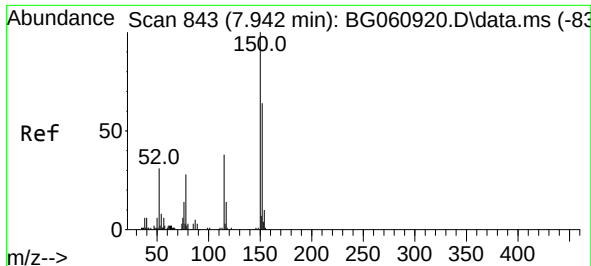
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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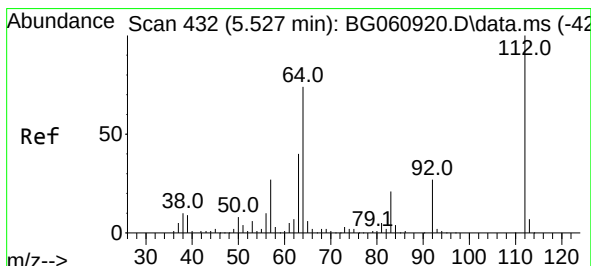
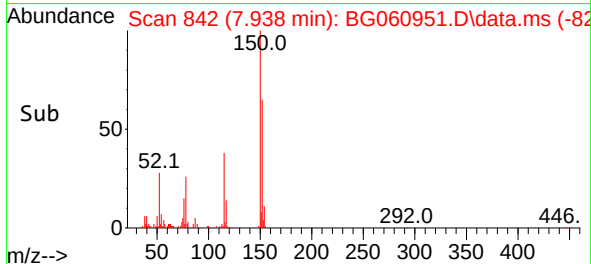
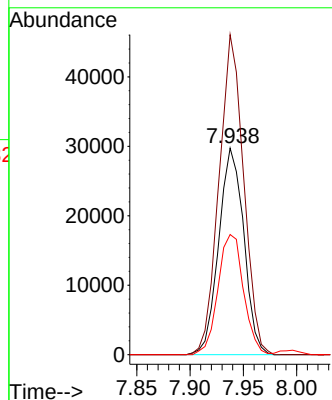
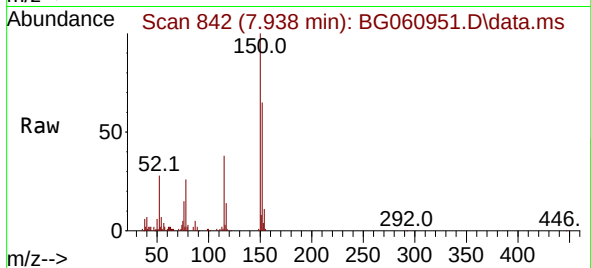




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.938 min Scan# 843
 Delta R.T. -0.005 min
 Lab File: BG060951.D
 Acq: 19 Apr 2024 1:23

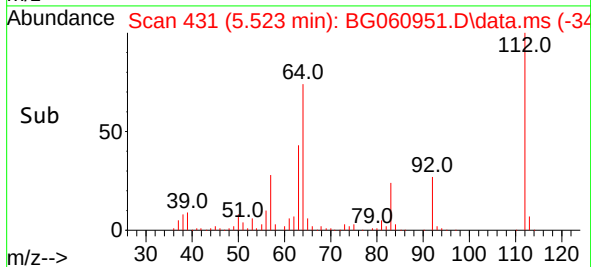
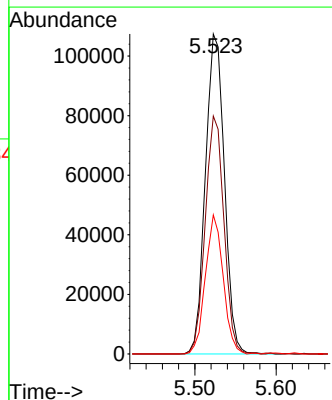
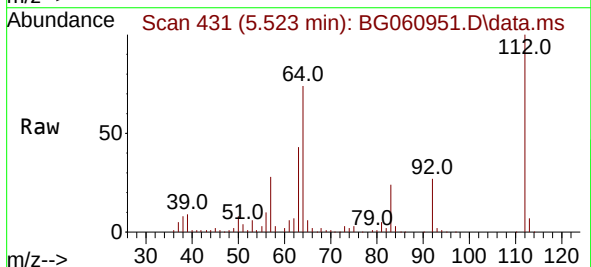
Instrument :
 BNA_G
 ClientSampleId :
 WATER-COMP

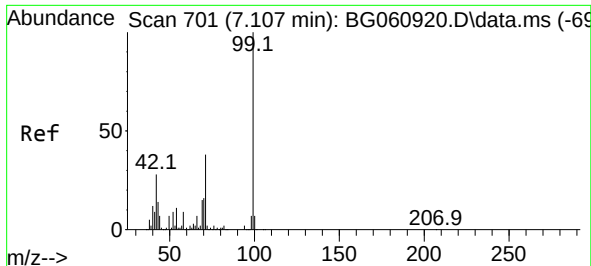
Tgt Ion:152 Resp: 48501
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.6 188.4
 115 58.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 62.386 ng
 RT: 5.523 min Scan# 431
 Delta R.T. -0.004 min
 Lab File: BG060951.D
 Acq: 19 Apr 2024 1:23

Tgt Ion:112 Resp: 174199
 Ion Ratio Lower Upper
 112 100
 64 74.4 58.9 88.3
 63 43.4 32.1 48.1

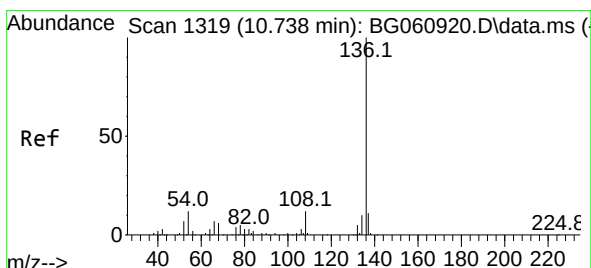
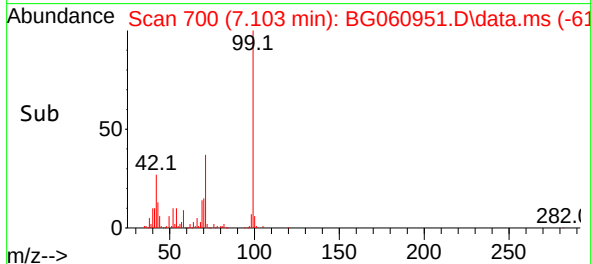
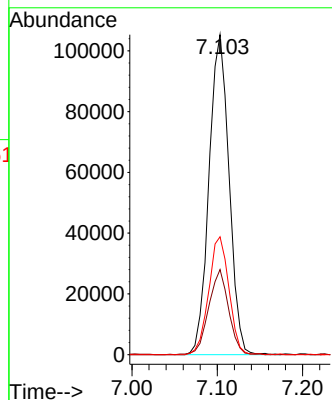
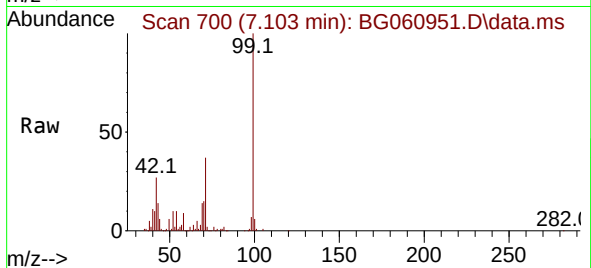




#7
Phenol-d6
Concen: 42.832 ng
RT: 7.103 min Scan# 701
Delta R.T. -0.004 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

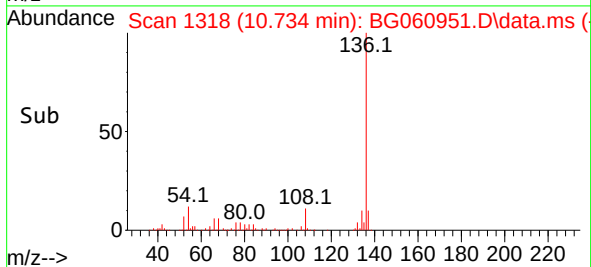
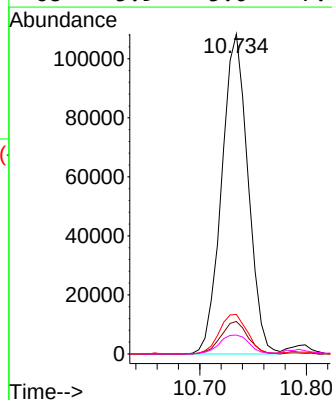
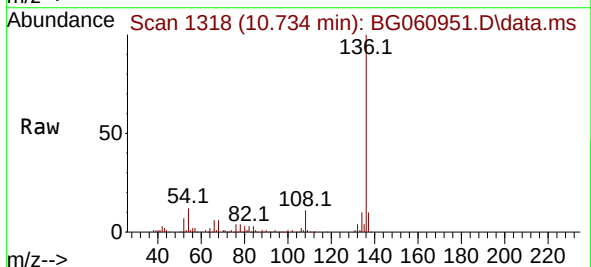
Instrument :
BNA_G
ClientSampleId :
WATER-COMP

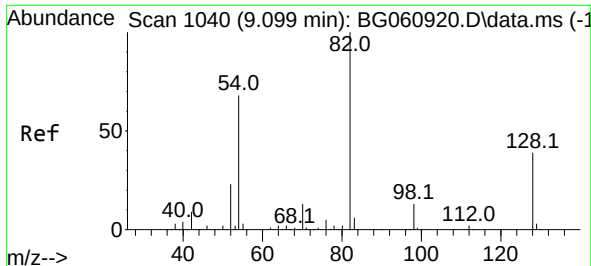
Tgt Ion: 99 Resp: 172293
Ion Ratio Lower Upper
99 100
42 26.6 22.2 33.2
71 36.8 30.5 45.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

Tgt Ion: 136 Resp: 185774
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 12.4 9.8 14.8
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 73.938 ng

RT: 9.089 min Scan# 1038

Delta R.T. -0.010 min

Lab File: BG060951.D

Acq: 19 Apr 2024 1:23

Instrument :

BNA_G

ClientSampleId :

WATER-COMP

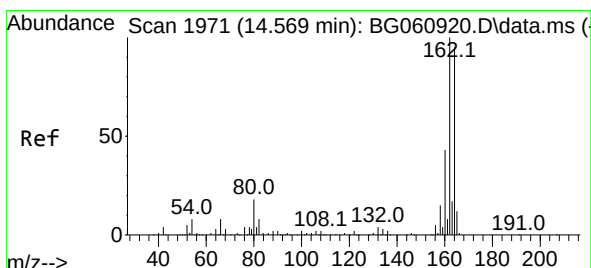
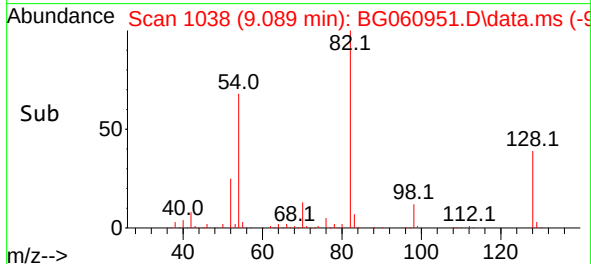
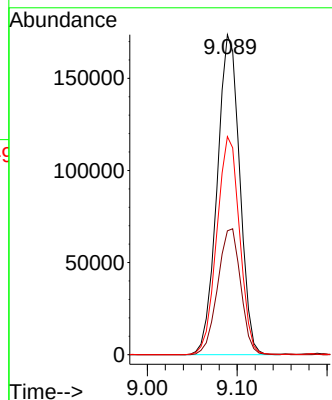
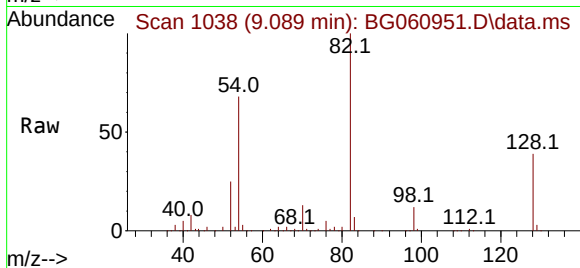
Tgt Ion: 82 Resp: 302567

Ion Ratio Lower Upper

82 100

128 38.7 31.4 47.0

54 68.2 54.2 81.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.565 min Scan# 1970

Delta R.T. -0.004 min

Lab File: BG060951.D

Acq: 19 Apr 2024 1:23

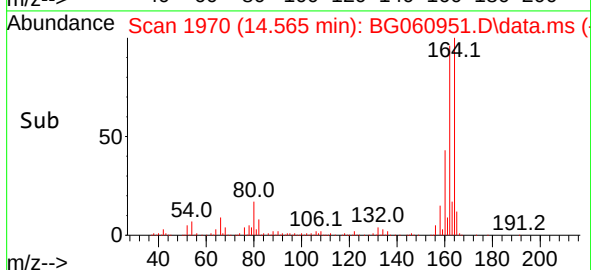
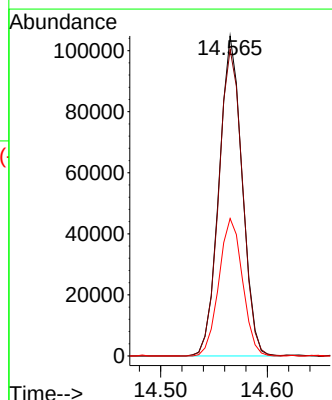
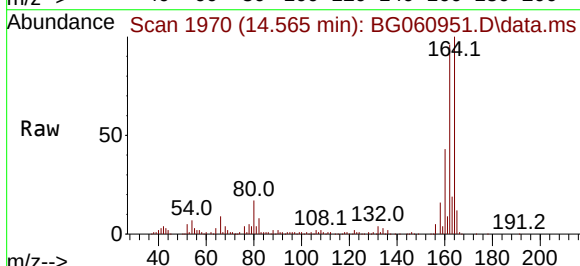
Tgt Ion: 164 Resp: 157237

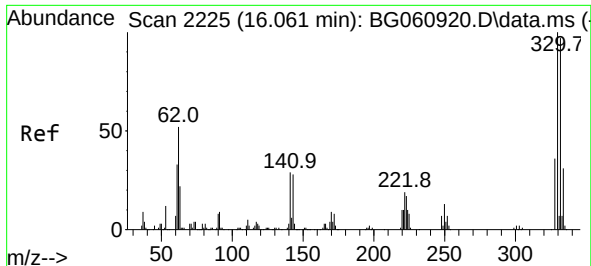
Ion Ratio Lower Upper

164 100

162 95.8 84.1 126.1

160 43.0 35.9 53.9

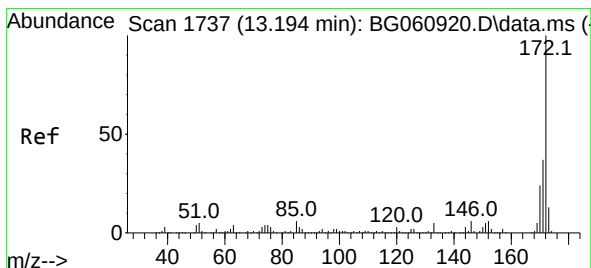
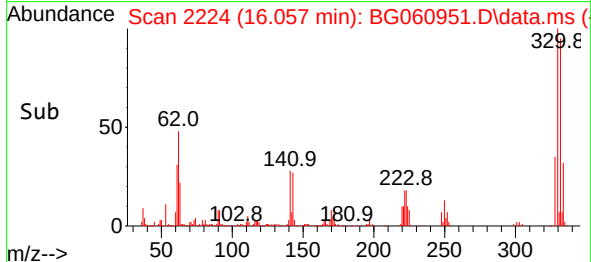
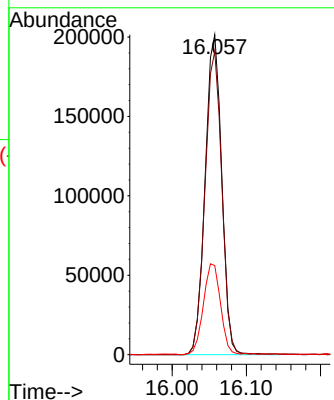
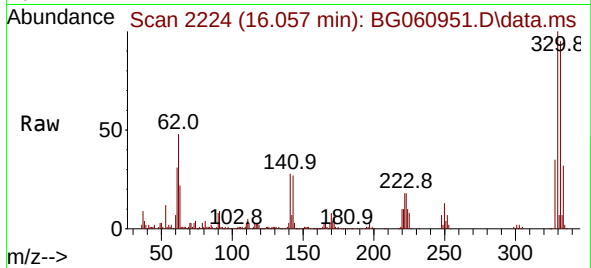




#42
 2,4,6-Tribromophenol
 Concen: 120.392 ng
 RT: 16.057 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060951.D
 Acq: 19 Apr 2024 1:23

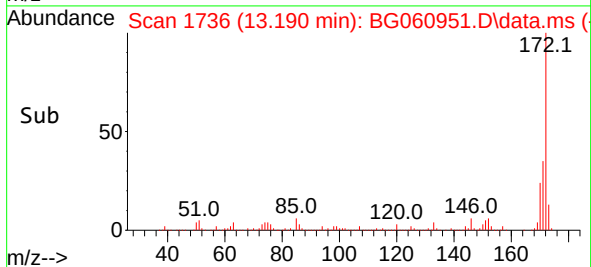
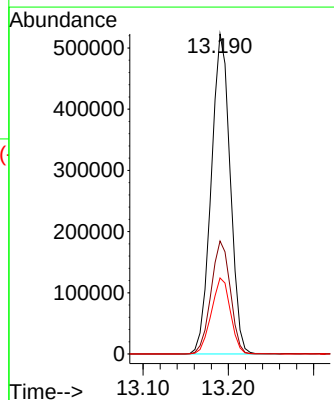
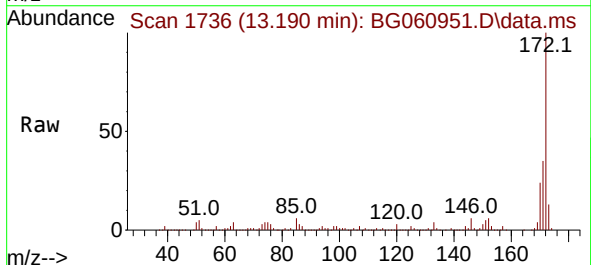
Instrument :
 BNA_G
 ClientSampleId :
 WATER-COMP

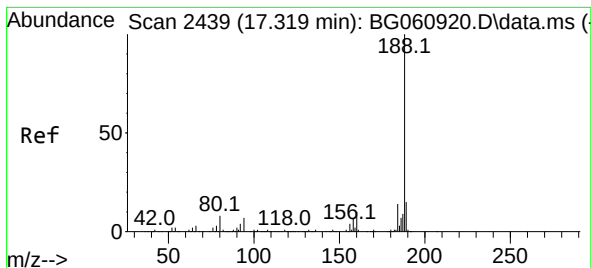
Tgt Ion:330 Resp: 312730
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 29.4 23.7 35.5



#45
 2-Fluorobiphenyl
 Concen: 75.307 ng
 RT: 13.190 min Scan# 1736
 Delta R.T. -0.004 min
 Lab File: BG060951.D
 Acq: 19 Apr 2024 1:23

Tgt Ion:172 Resp: 806908
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.3 43.9
 170 23.8 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2439

Delta R.T. -0.004 min

Lab File: BG060951.D

Acq: 19 Apr 2024 1:23

Instrument :

BNA_G

ClientSampleId :

WATER-COMP

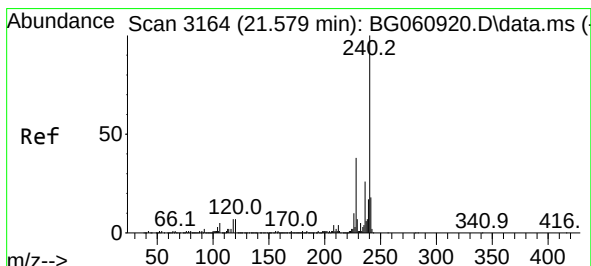
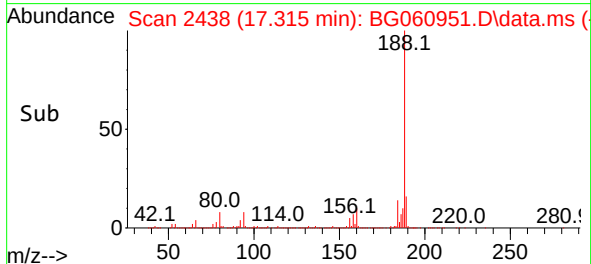
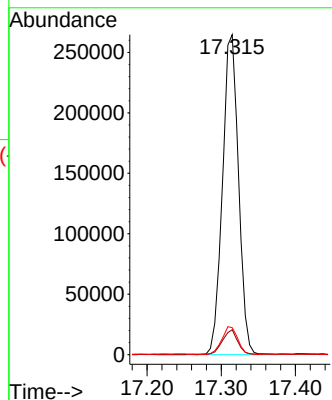
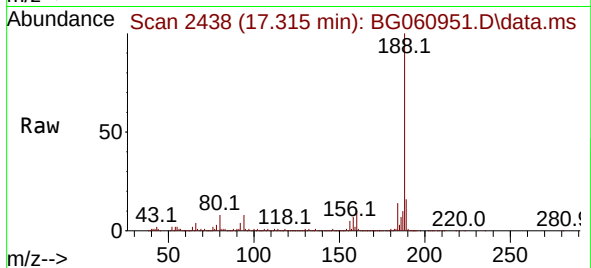
Tgt Ion:188 Resp: 397366

Ion Ratio Lower Upper

188 100

94 7.8 5.7 8.5

80 8.5 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3162

Delta R.T. -0.010 min

Lab File: BG060951.D

Acq: 19 Apr 2024 1:23

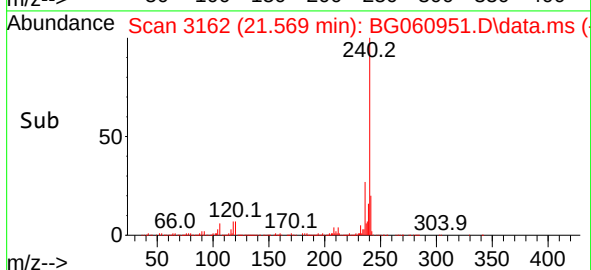
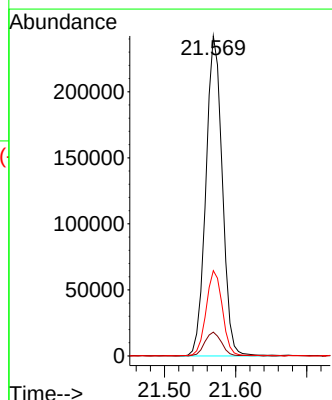
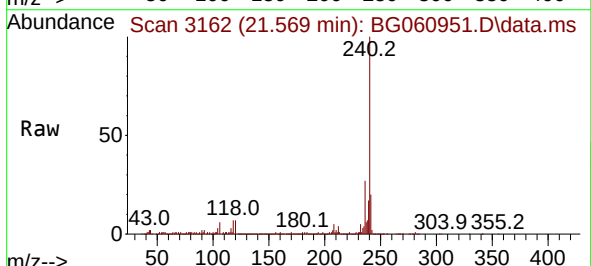
Tgt Ion:240 Resp: 390030

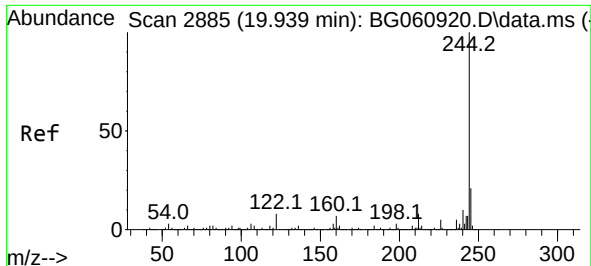
Ion Ratio Lower Upper

240 100

120 7.4 5.7 8.5

236 26.6 21.1 31.7

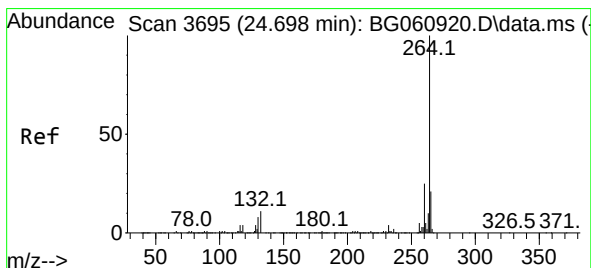
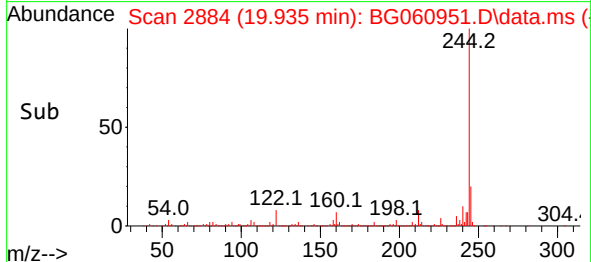
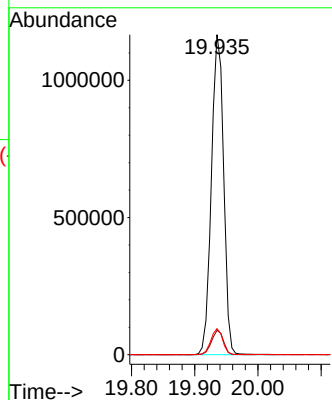
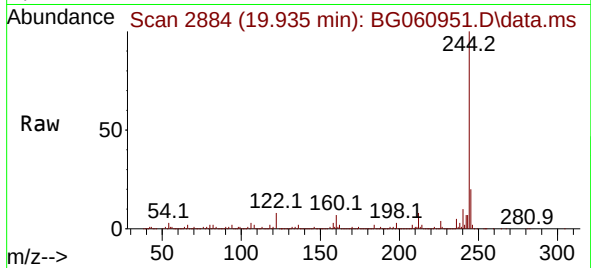




#79
 Terphenyl-d14
 Concen: 69.864 ng
 RT: 19.935 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060951.D
 Acq: 19 Apr 2024 1:23

Instrument :
 BNA_G
 ClientSampleId :
 WATER-COMP

Tgt Ion:244 Resp: 1561347
 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: 24.688 min Scan# 3693
 Delta R.T. -0.010 min
 Lab File: BG060951.D
 Acq: 19 Apr 2024 1:23

Tgt Ion:264 Resp: 464493
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.0 16.6 25.0

