

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060851.D
 Acq On : 10 Apr 2024 15:50
 Operator : MA/JU
 Sample : P2028-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIERS-1

Quant Time: Apr 10 16:36:18 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	7.947	152	54577	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	217916	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	165544	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	401000	20.000	ng	-0.01
76) Chrysene-d12	21.578	240	407374	20.000	ng	-0.03
86) Perylene-d12	24.716	264	479074	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	111567	34.054	ng	0.00
7) Phenol-d6	7.107	99	200060	41.139	ng	0.00
23) Nitrobenzene-d5	9.099	82	170908	44.752	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	55184	29.366	ng	-0.01
45) 2-Fluorobiphenyl	13.200	172	444103	39.372	ng	-0.02
79) Terphenyl-d14	19.945	244	945637	40.874	ng	-0.02

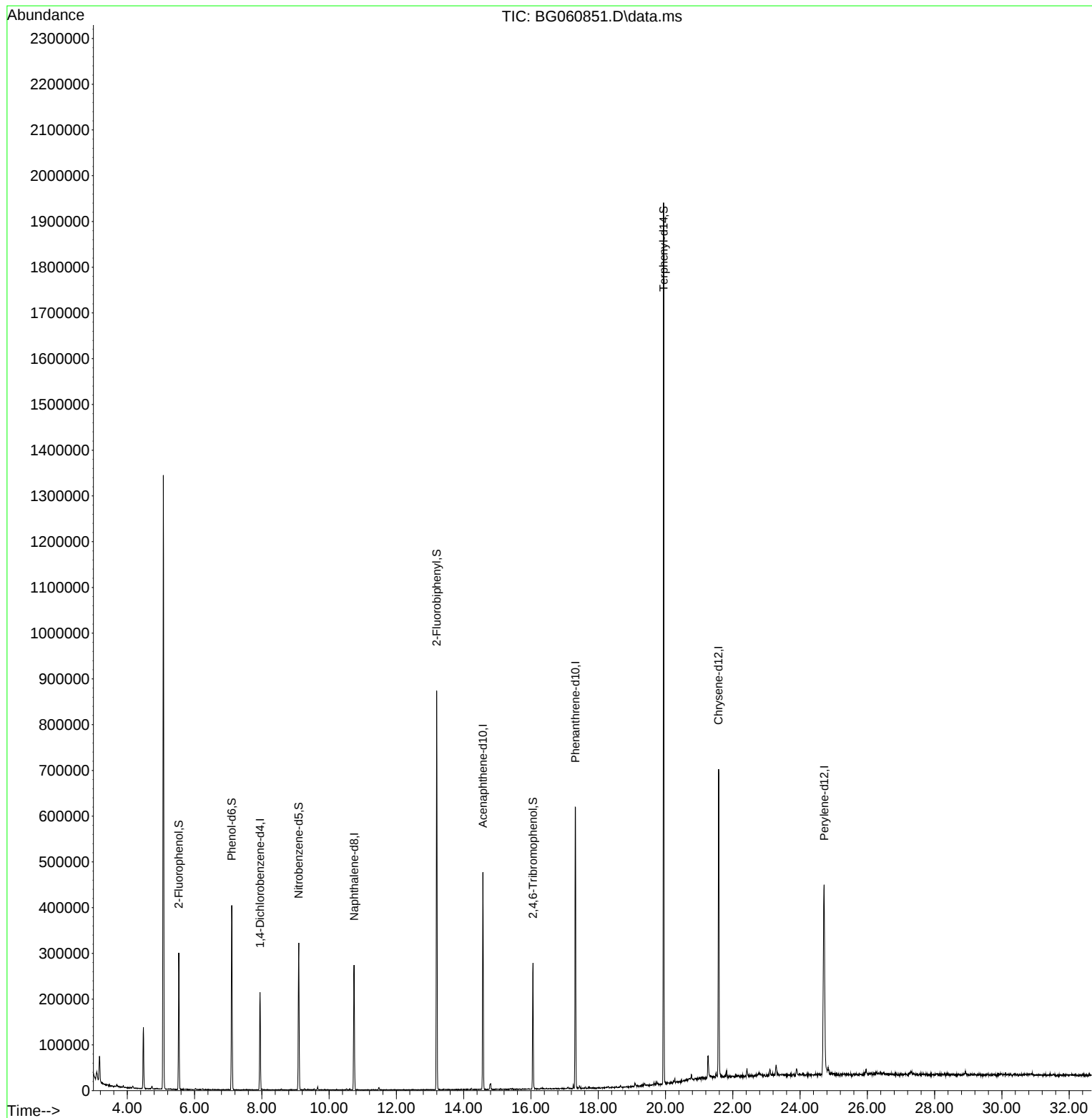
Target Compounds	Qvalue

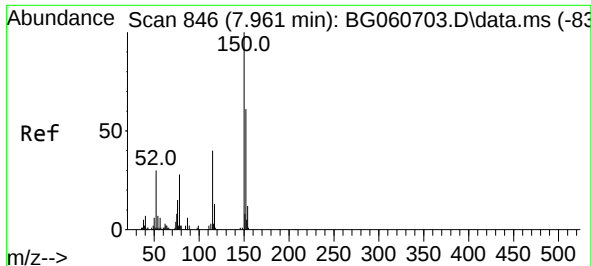
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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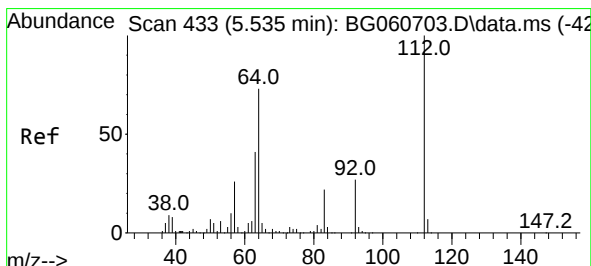
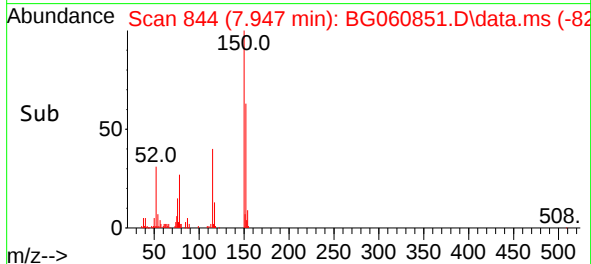
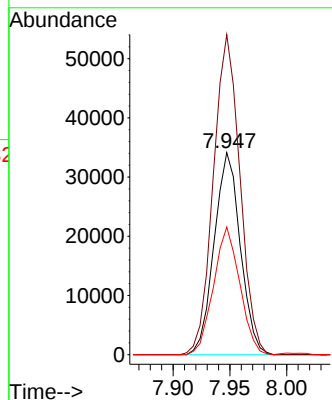
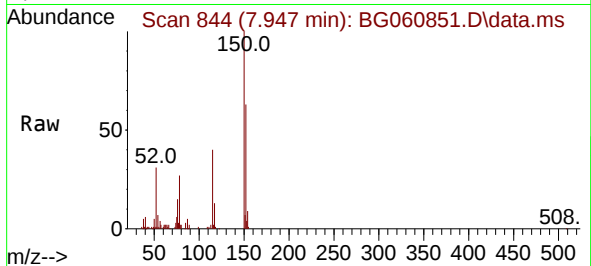




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 846
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

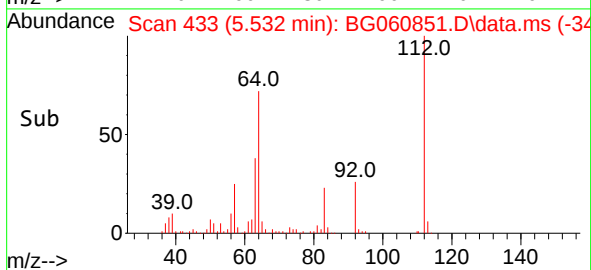
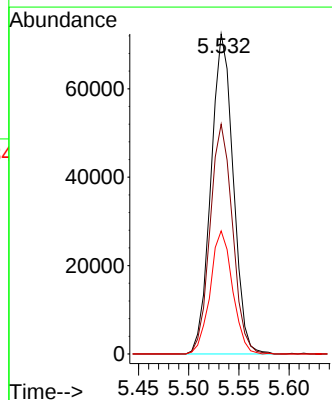
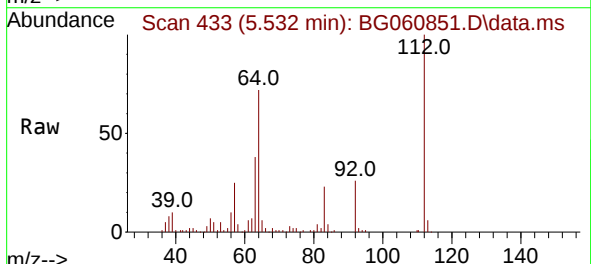
Instrument :
BNA_G
ClientSampleId :
PIERS-1

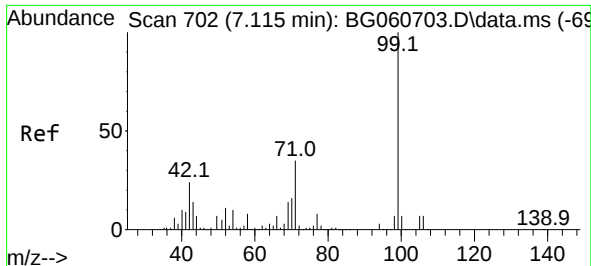
Tgt Ion:152 Resp: 54577
Ion Ratio Lower Upper
152 100
150 158.4 130.2 195.4
115 63.2 51.6 77.4



#5
2-Fluorophenol
Concen: 34.054 ng
RT: 5.532 min Scan# 433
Delta R.T. -0.003 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion:112 Resp: 111567
Ion Ratio Lower Upper
112 100
64 71.8 58.4 87.6
63 38.4 32.7 49.1

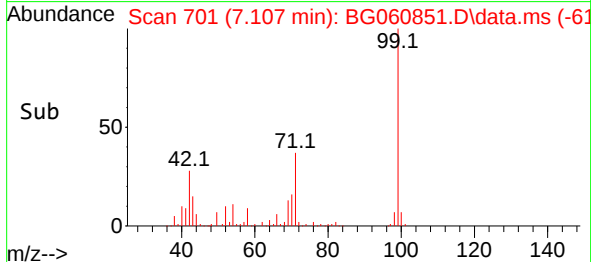
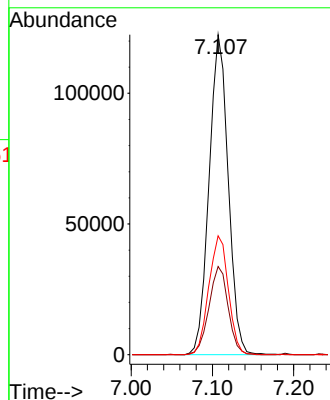
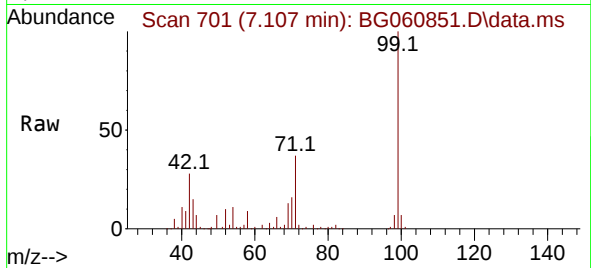




#7
Phenol-d6
Concen: 41.139 ng
RT: 7.107 min Scan# 702
Delta R.T. -0.008 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

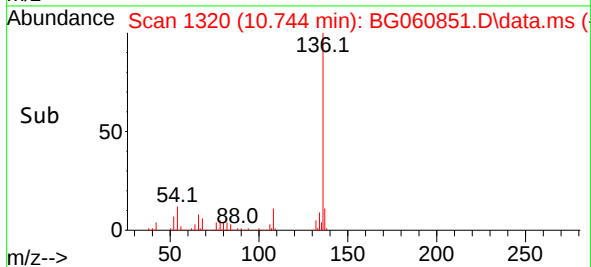
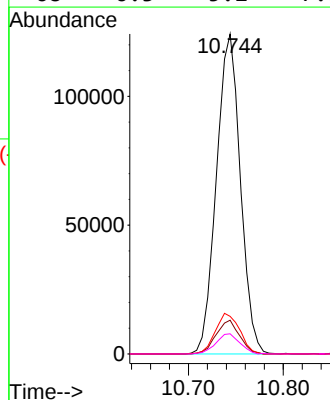
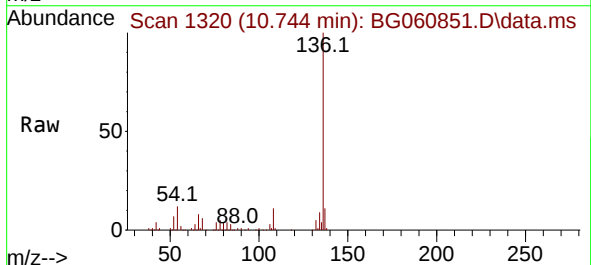
Instrument :
BNA_G
ClientSampleId :
PIERS-1

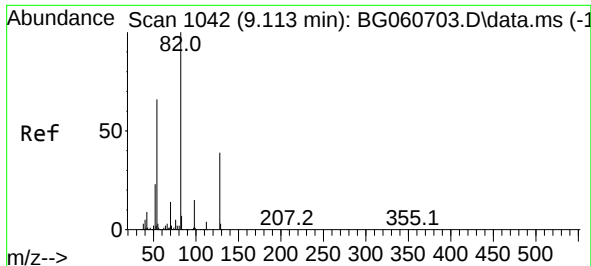
Tgt Ion: 99 Resp: 200060
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.2
71 37.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1320
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion:136 Resp: 217916
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 11.7 10.2 15.2
68 6.3 5.2 7.8

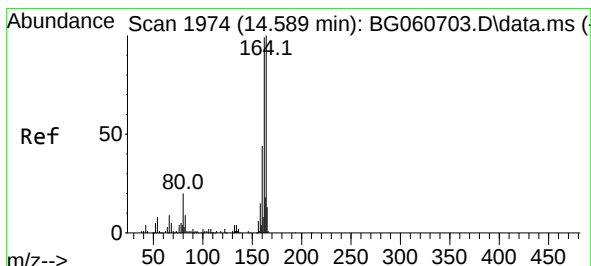
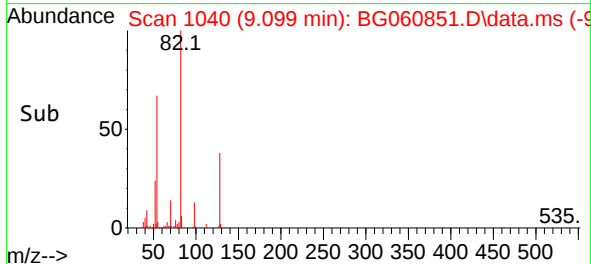
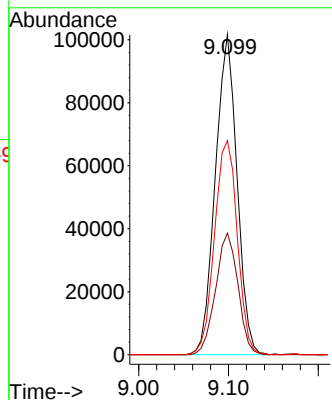
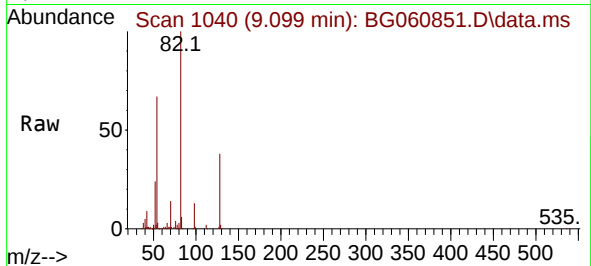




#23
Nitrobenzene-d5
Concen: 44.752 ng
RT: 9.099 min Scan# 1040
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

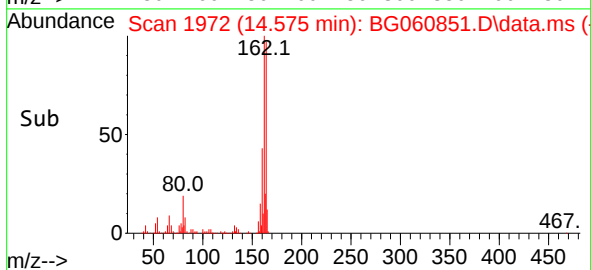
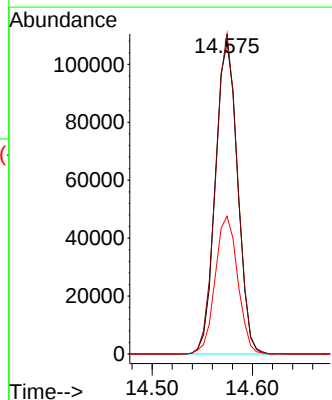
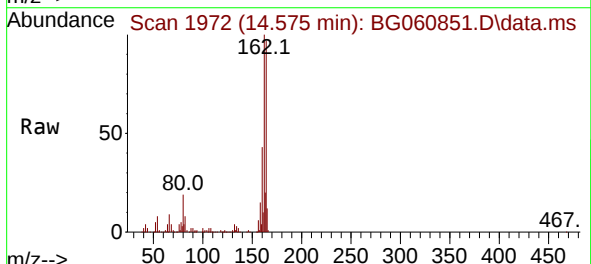
Instrument :
BNA_G
ClientSampleId :
PIERS-1

Tgt Ion: 82 Resp: 170908
Ion Ratio Lower Upper
82 100
128 38.0 31.2 46.8
54 66.9 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1972
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion:164 Resp: 165544
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.3 35.4 53.0

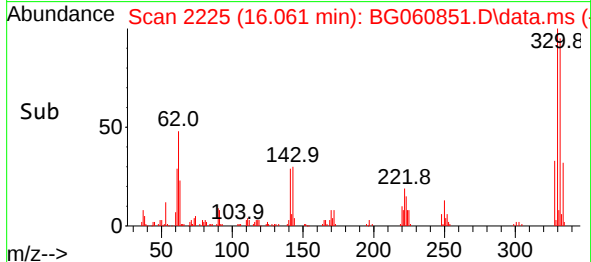
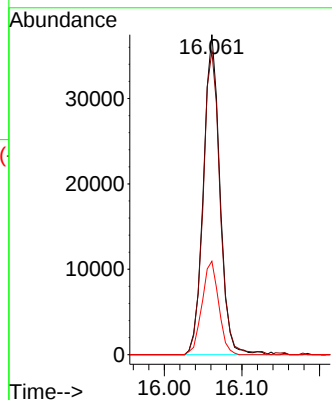
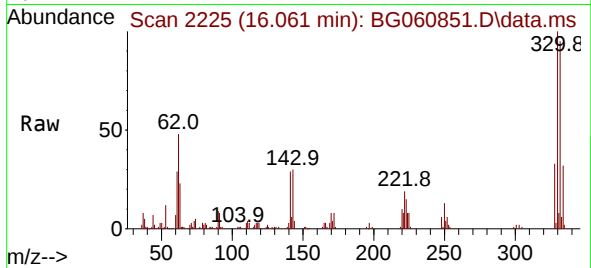




#42
2,4,6-Tribromophenol
Concen: 29.366 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

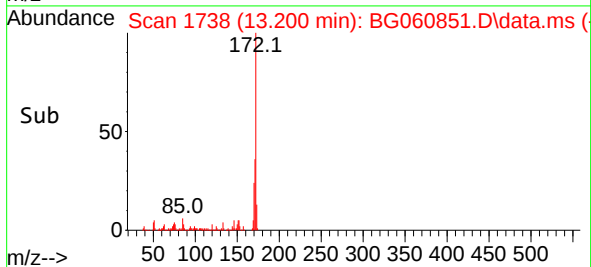
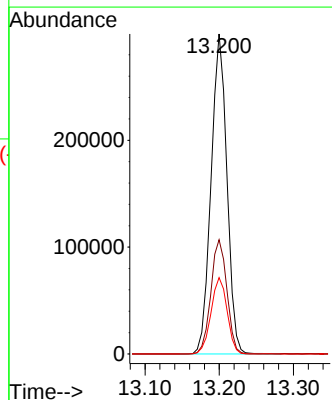
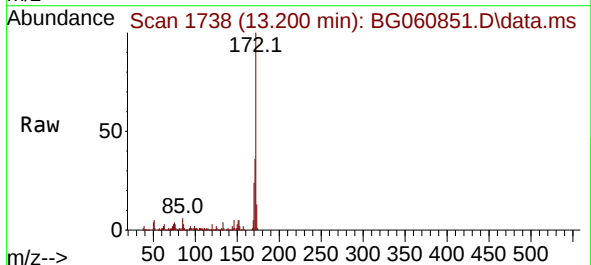
Instrument :
BNA_G
ClientSampleId :
PIERS-1

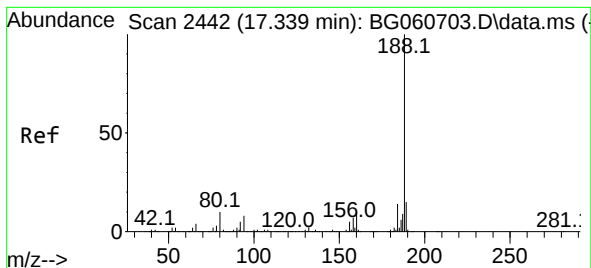
Tgt Ion:330 Resp: 55184
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 29.5 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 39.372 ng
RT: 13.200 min Scan# 1738
Delta R.T. -0.020 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion:172 Resp: 444103
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2442

Delta R.T. -0.014 min

Lab File: BG060851.D

Acq: 10 Apr 2024 15:50

Instrument :

BNA_G

ClientSampleId :

PIERS-1

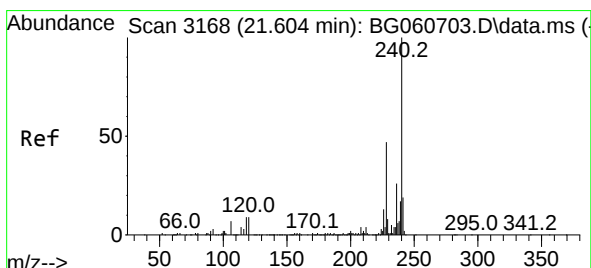
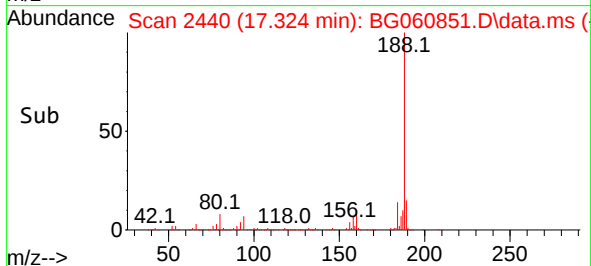
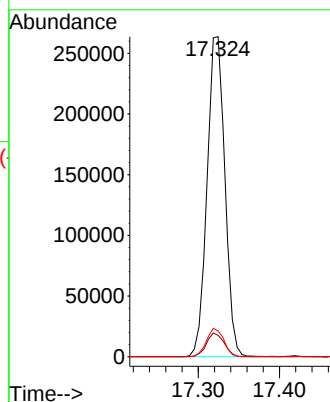
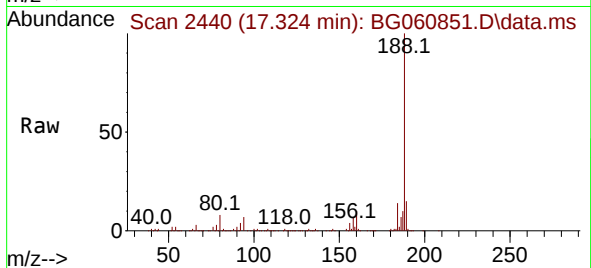
Tgt Ion:188 Resp: 401000

Ion Ratio Lower Upper

188 100

94 6.7 6.6 9.8

80 8.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3164

Delta R.T. -0.026 min

Lab File: BG060851.D

Acq: 10 Apr 2024 15:50

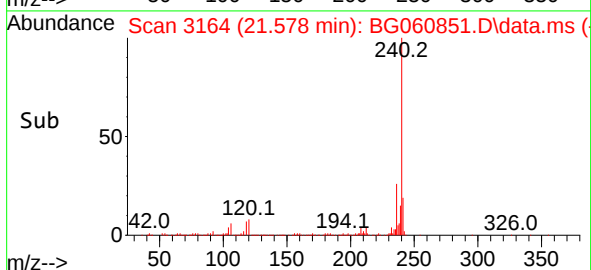
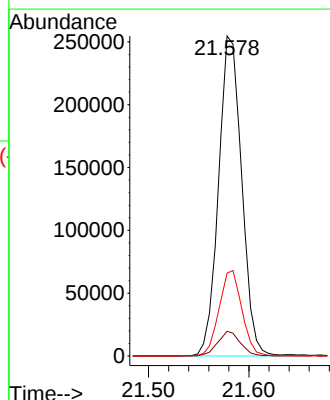
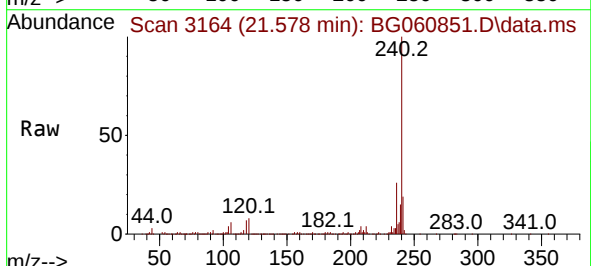
Tgt Ion:240 Resp: 407374

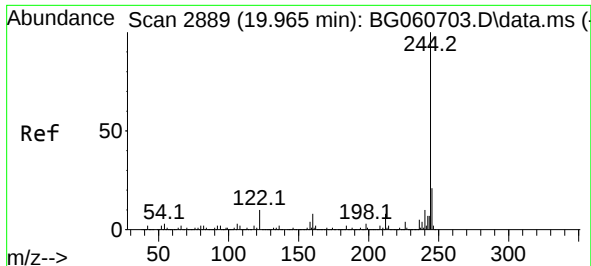
Ion Ratio Lower Upper

240 100

120 7.7 7.1 10.7

236 25.9 20.7 31.1

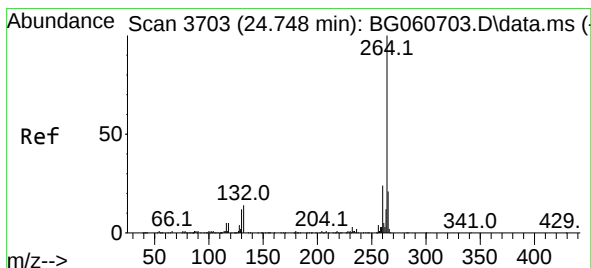
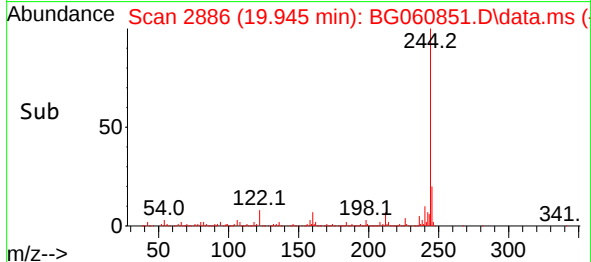
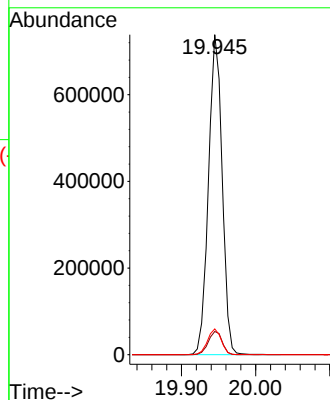
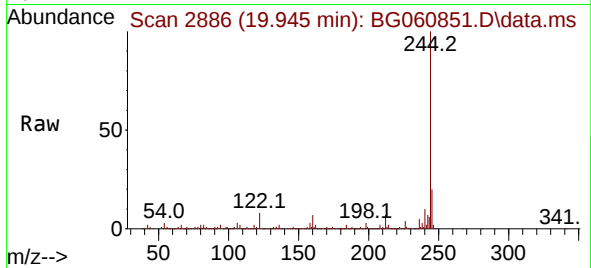




#79
 Terphenyl-d14
 Concen: 40.874 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG060851.D
 Acq: 10 Apr 2024 15:50

Instrument :
 BNA_G
 ClientSampleId :
 PIERS-1

Tgt Ion:244 Resp: 945637
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.716 min Scan# 3698
 Delta R.T. -0.032 min
 Lab File: BG060851.D
 Acq: 10 Apr 2024 15:50

Tgt Ion:264 Resp: 479074
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.2 16.9 25.3

