

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060843.D
 Acq On : 9 Apr 2024 14:48
 Operator : MA/JU
 Sample : P2008-03RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20240404RE

Quant Time: Apr 09 15:34:15 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	7.949	152	63279	20.000	ng	-0.01
21) Naphthalene-d8	10.740	136	243141	20.000	ng	-0.02
39) Acenaphthene-d10	14.576	164	180829	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	410454	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	398215	20.000	ng	-0.02
86) Perylene-d12	24.717	264	461945	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	231075	60.833	ng	0.00
7) Phenol-d6	7.109	99	194559	34.506	ng	0.00
23) Nitrobenzene-d5	9.100	82	343320	80.572	ng	-0.01
42) 2,4,6-Tribromophenol	16.063	330	283941	138.325	ng	-0.01
45) 2-Fluorobiphenyl	13.202	172	846165	68.676	ng	-0.02
79) Terphenyl-d14	19.952	244	1839533	81.341	ng	-0.01

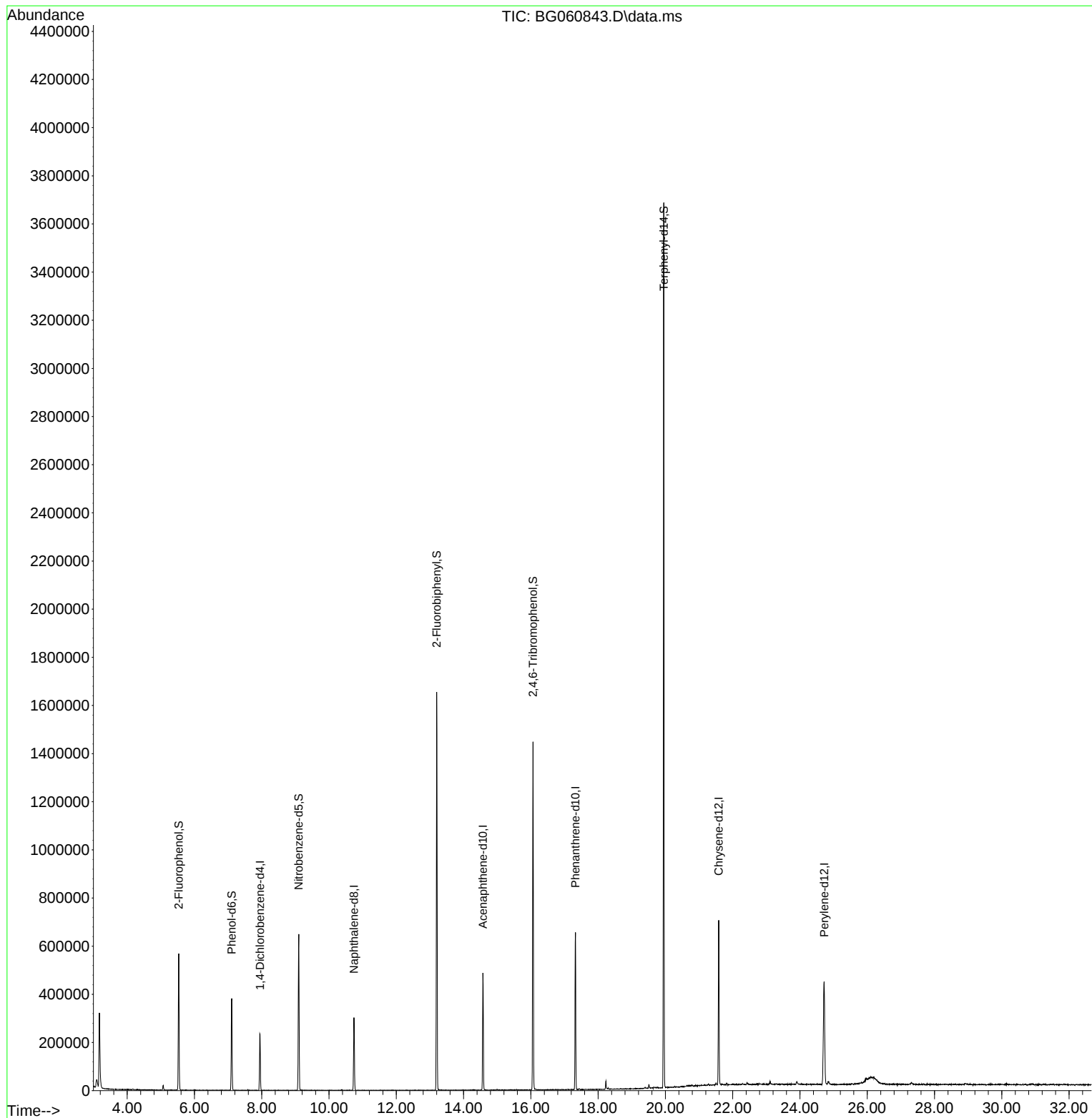
Target Compounds	Qvalue

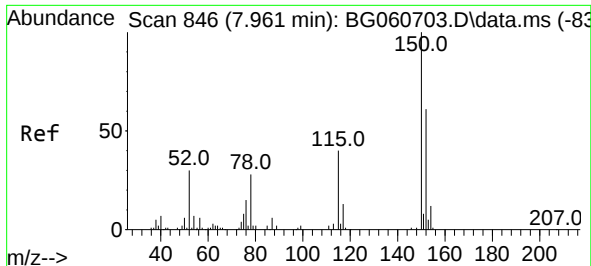
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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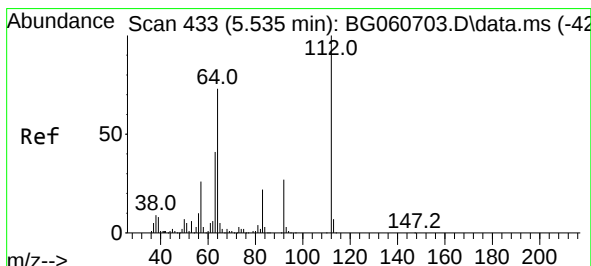
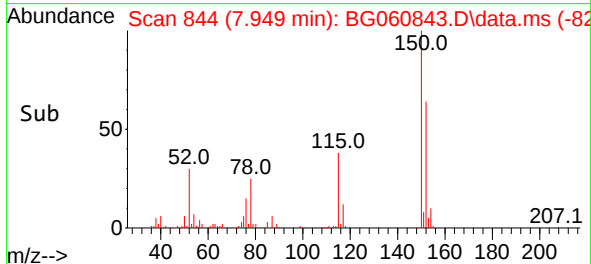
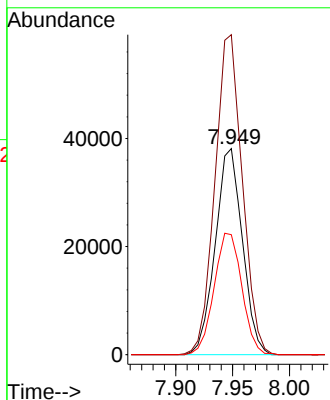
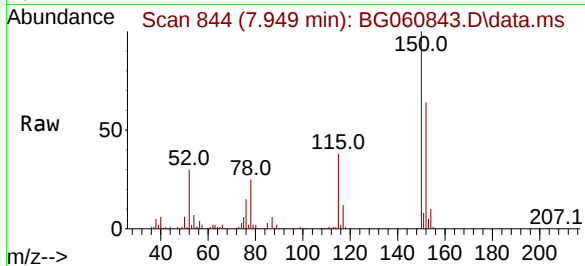




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 846
Delta R.T. -0.012 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

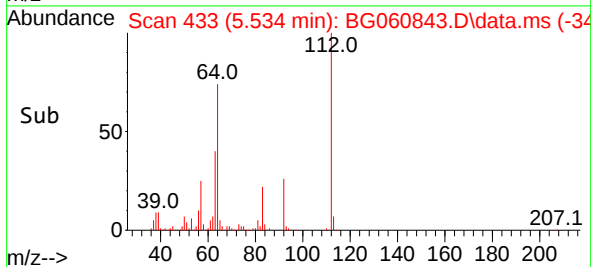
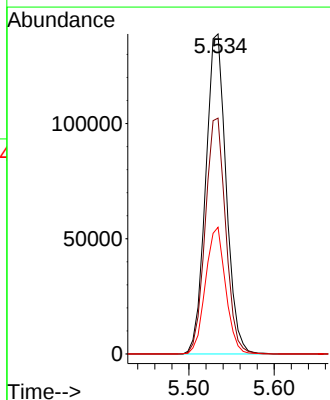
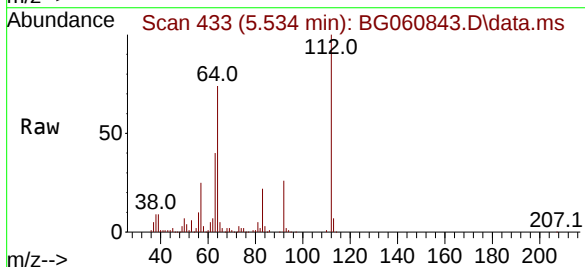
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404RE

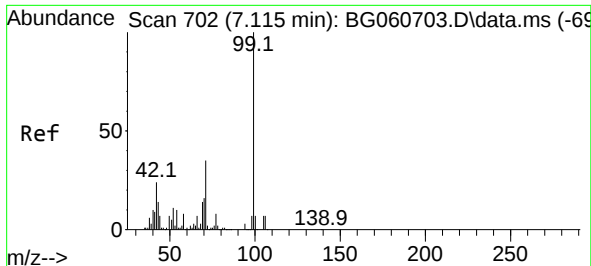
Tgt Ion:152 Resp: 63279
Ion Ratio Lower Upper
152 100
150 155.2 130.2 195.4
115 58.2 51.6 77.4



#5
2-Fluorophenol
Concen: 60.833 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion:112 Resp: 231075
Ion Ratio Lower Upper
112 100
64 73.7 58.4 87.6
63 39.6 32.7 49.1

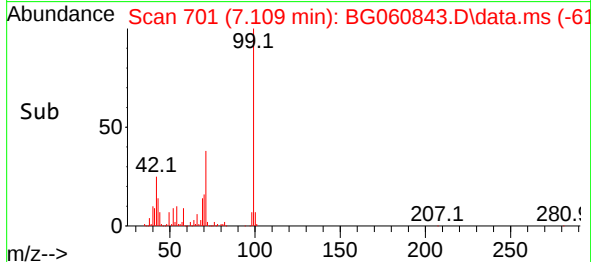
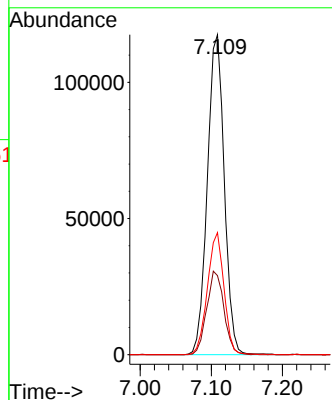
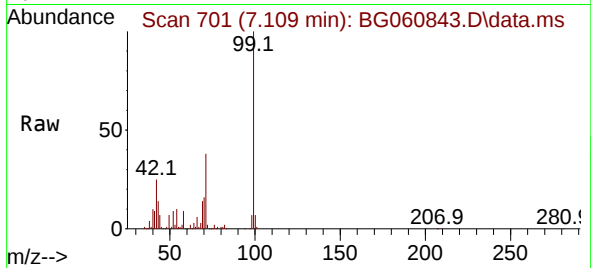




#7
Phenol-d6
Concen: 34.506 ng
RT: 7.109 min Scan# 701
Delta R.T. -0.007 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

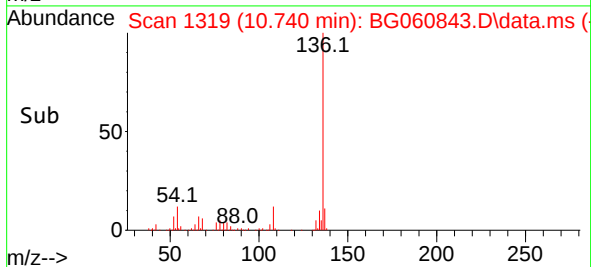
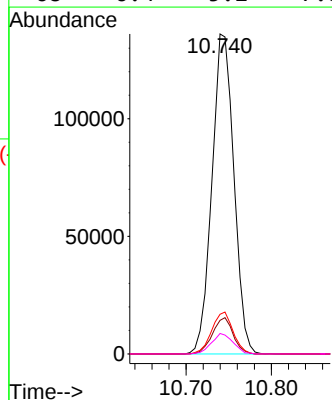
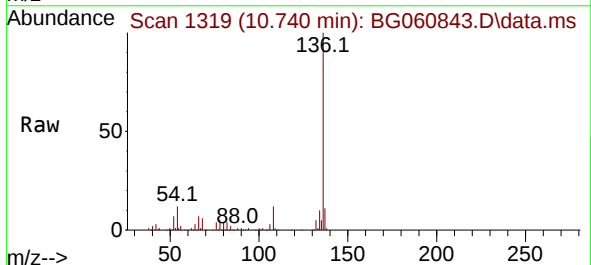
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404RE

Tgt Ion: 99 Resp: 194559
Ion Ratio Lower Upper
99 100
42 24.7 19.4 29.2
71 38.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion: 136 Resp: 243141
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 12.4 10.2 15.2
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 80.572 ng

RT: 9.100 min Scan# 1

Delta R.T. -0.013 min

Lab File: BG060843.D

Acq: 9 Apr 2024 14:48

Instrument :

BNA_G

ClientSampleId :

SP-303-20240404RE

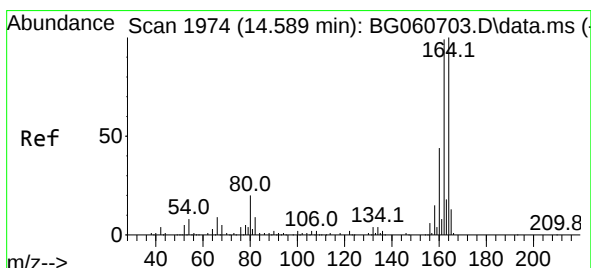
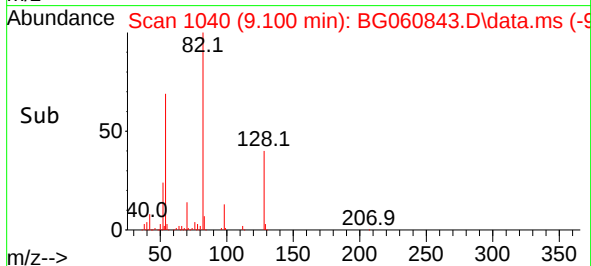
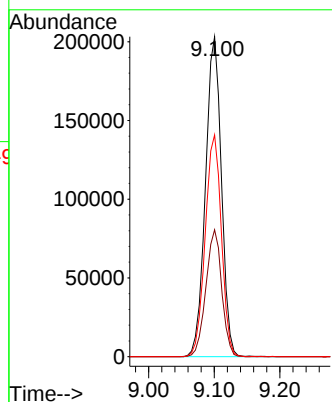
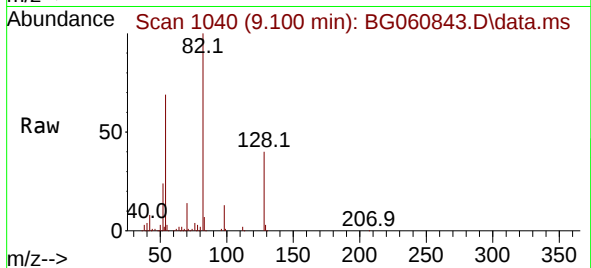
Tgt Ion: 82 Resp: 343320

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 69.3 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.576 min Scan# 1972

Delta R.T. -0.013 min

Lab File: BG060843.D

Acq: 9 Apr 2024 14:48

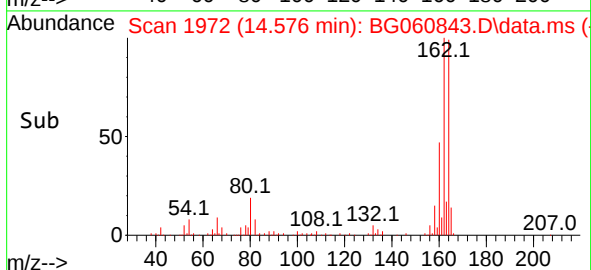
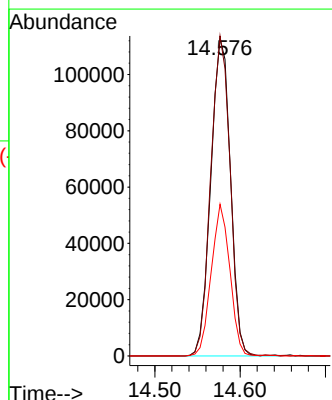
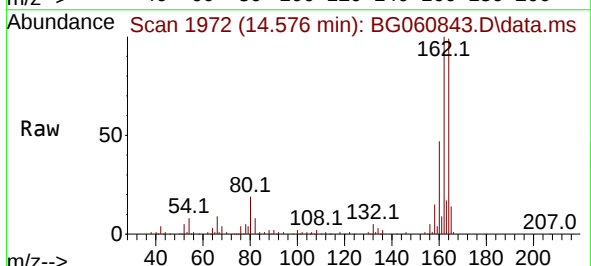
Tgt Ion:164 Resp: 180829

Ion Ratio Lower Upper

164 100

162 100.7 79.5 119.3

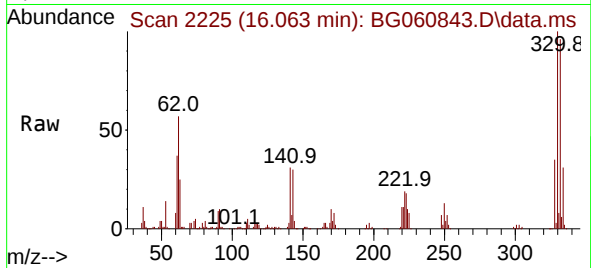
160 47.8 35.4 53.0



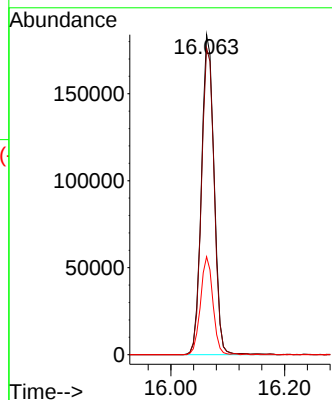
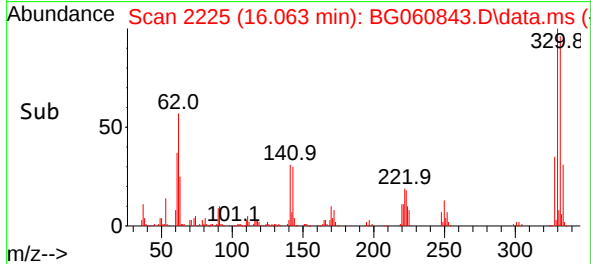


#42
2,4,6-Tribromophenol
Concen: 138.325 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Instrument :
BNA_G
ClientSampleId :
SP-303-20240404RE

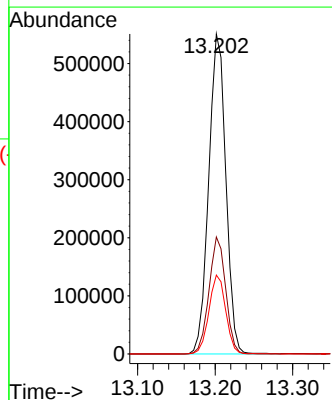
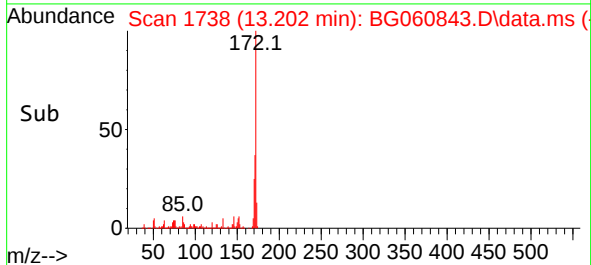
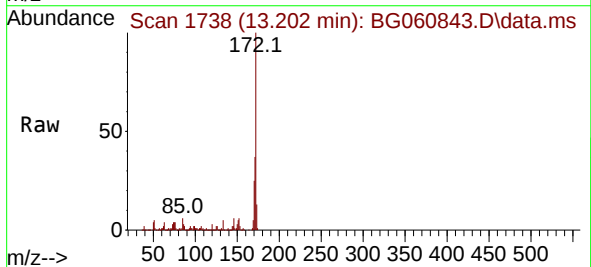


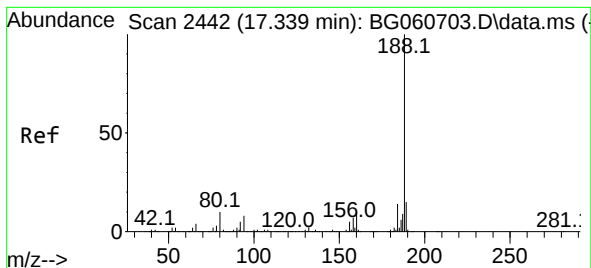
Tgt Ion:330 Resp: 283941
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 30.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 68.676 ng
RT: 13.202 min Scan# 1738
Delta R.T. -0.018 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion:172 Resp: 846165
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: 17.326 min Scan# 2442

Delta R.T. -0.013 min

Lab File: BG060843.D

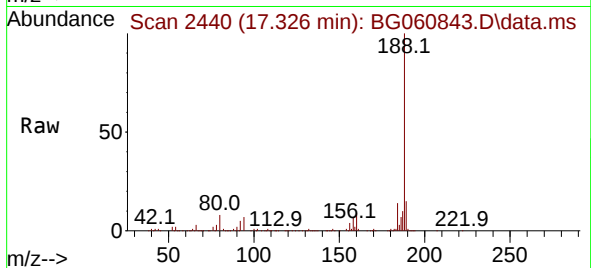
Acq: 9 Apr 2024 14:48

Instrument :

BNA_G

ClientSampleId :

SP-303-20240404RE



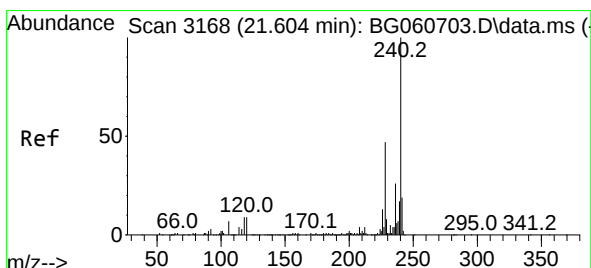
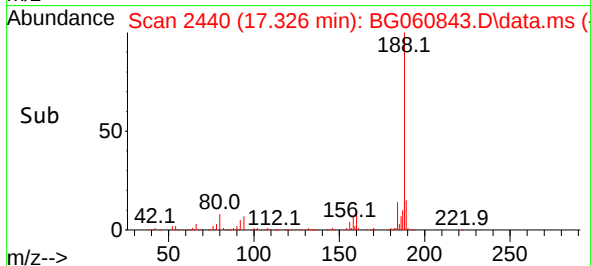
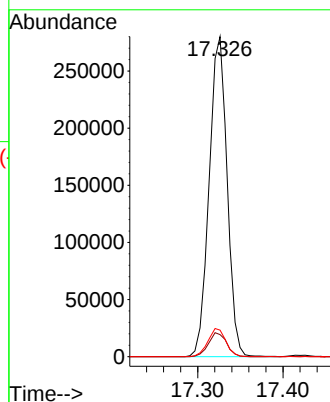
Tgt Ion:188 Resp: 410454

Ion Ratio Lower Upper

188 100

94 6.9 6.6 9.8

80 8.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3165

Delta R.T. -0.018 min

Lab File: BG060843.D

Acq: 9 Apr 2024 14:48

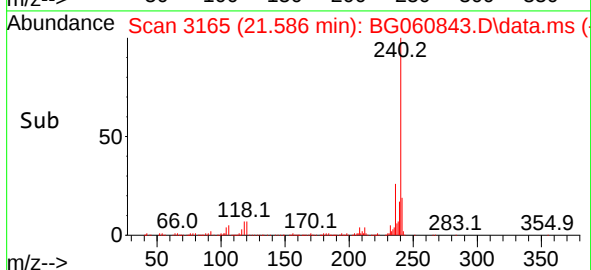
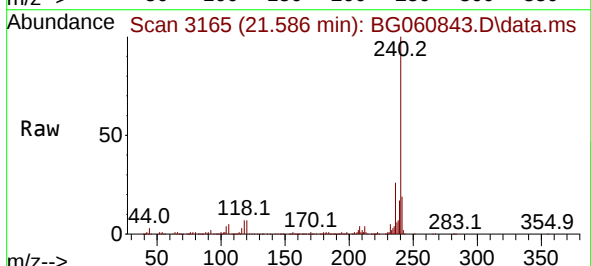
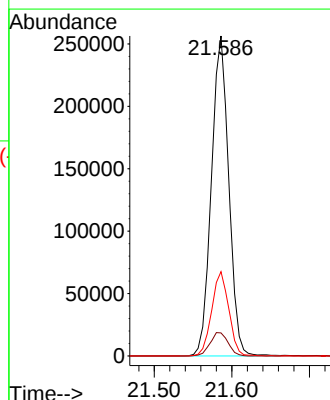
Tgt Ion:240 Resp: 398215

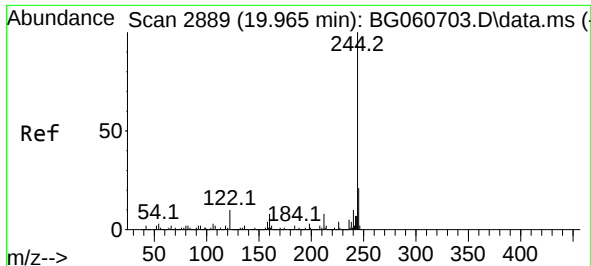
Ion Ratio Lower Upper

240 100

120 7.2 7.1 10.7

236 26.3 20.7 31.1

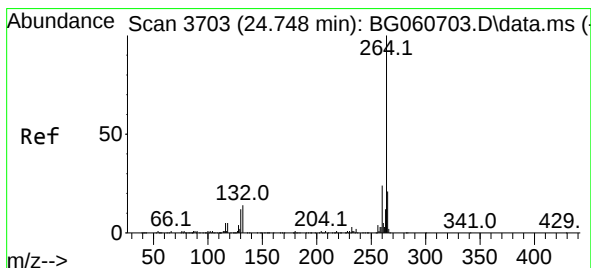
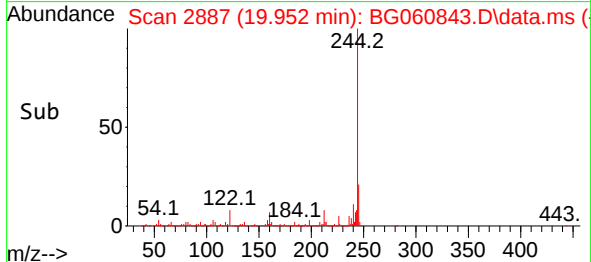
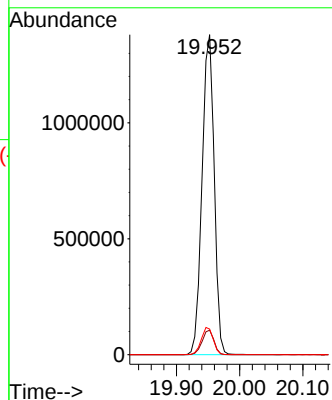
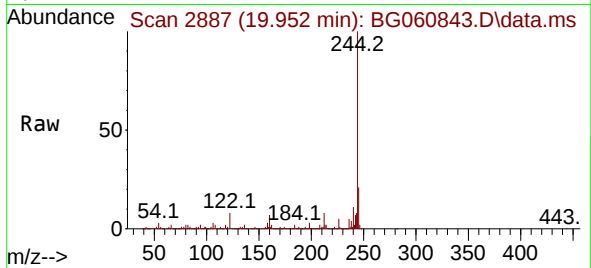




#79
 Terphenyl-d14
 Concen: 81.341 ng
 RT: 19.952 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060843.D
 Acq: 9 Apr 2024 14:48

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20240404RE

Tgt Ion:244 Resp: 1839533
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 8.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.717 min Scan# 3698
 Delta R.T. -0.030 min
 Lab File: BG060843.D
 Acq: 9 Apr 2024 14:48

Tgt Ion:264 Resp: 461945
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.5 29.3
 265 21.6 16.9 25.3

