

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
Data File : BG060812.D
Acq On : 6 Apr 2024 15:33
Operator : MA/JU
Sample : P1996-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP1

Quant Time: Apr 08 02:07:17 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	64055	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	243539	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	179675	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	409568	20.000	ng	0.00
76) Chrysene-d12	21.589	240	398899	20.000	ng	-0.02
86) Perylene-d12	24.726	264	464038	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	460812	119.844	ng	0.00
7) Phenol-d6	7.117	99	590412	103.443	ng	0.00
23) Nitrobenzene-d5	9.109	82	455823	106.800	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	358957	175.994	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1096719	89.583	ng	-0.02
79) Terphenyl-d14	19.955	244	1933536	85.351	ng	0.00

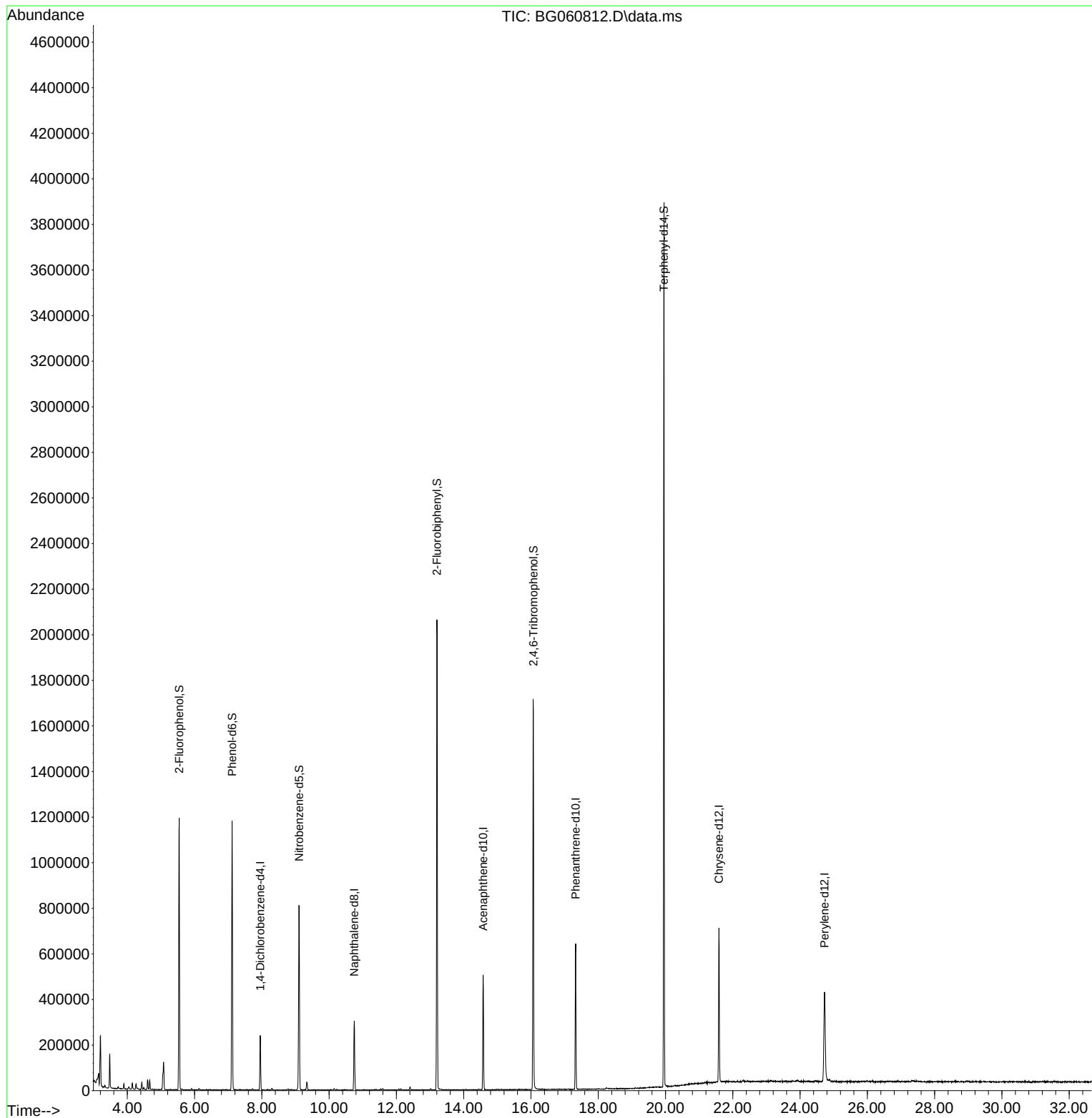
Target Compounds	Qvalue

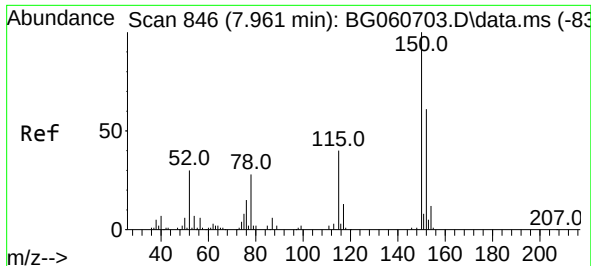
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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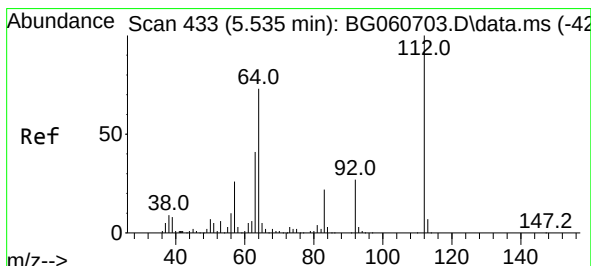
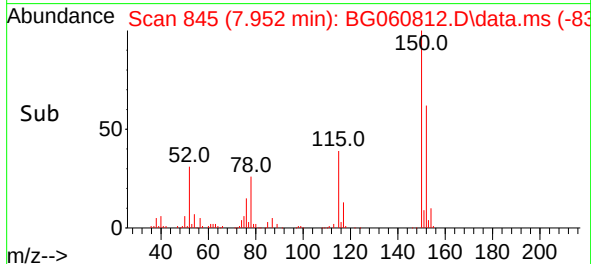
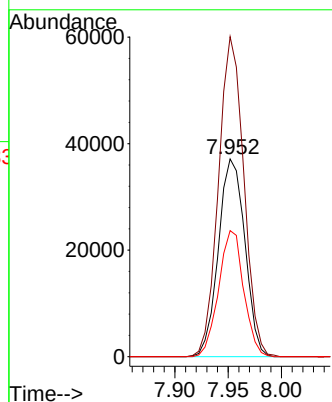
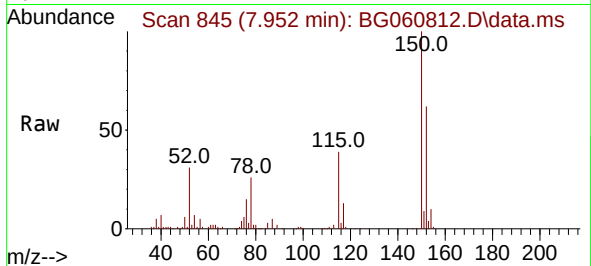




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

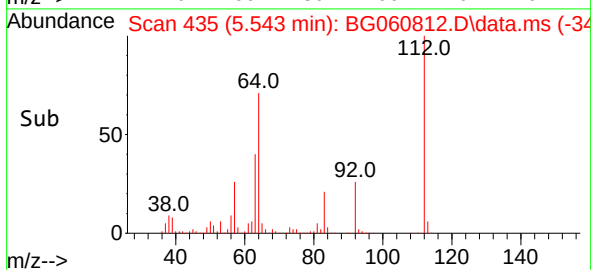
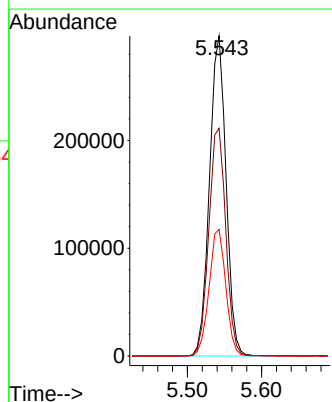
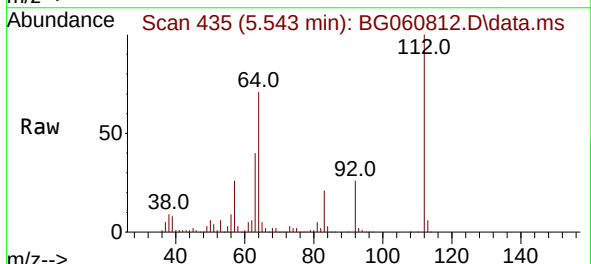
Instrument :
BNA_G
ClientSampleId :
TP1

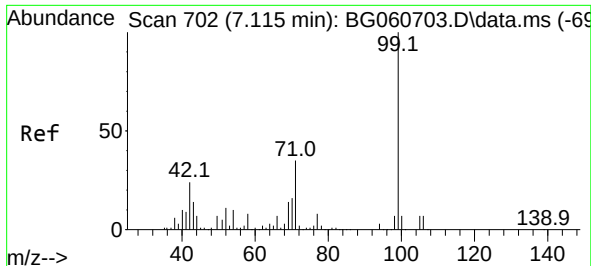
Tgt Ion:152 Resp: 64055
Ion Ratio Lower Upper
152 100
150 161.8 130.2 195.4
115 63.8 51.6 77.4



#5
2-Fluorophenol
Concen: 119.844 ng
RT: 5.543 min Scan# 435
Delta R.T. 0.008 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Tgt Ion:112 Resp: 460812
Ion Ratio Lower Upper
112 100
64 71.2 58.4 87.6
63 39.5 32.7 49.1

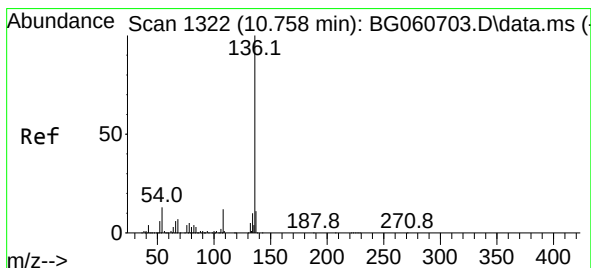
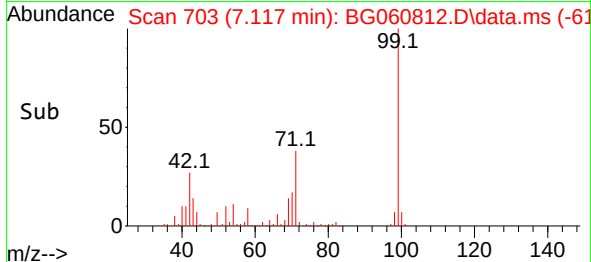
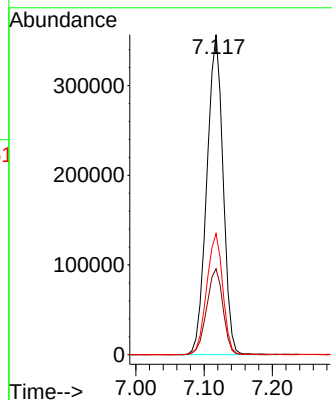
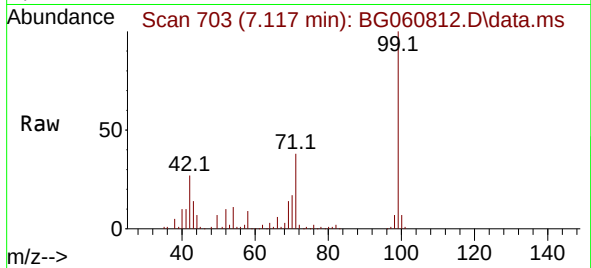




#7
Phenol-d6
Concen: 103.443 ng
RT: 7.117 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

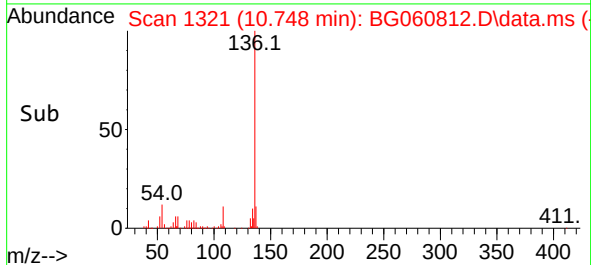
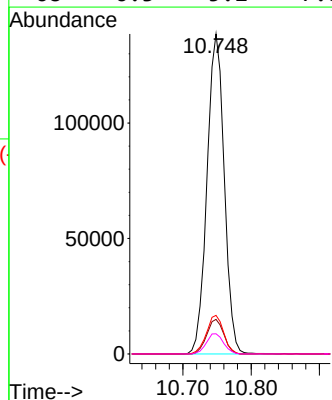
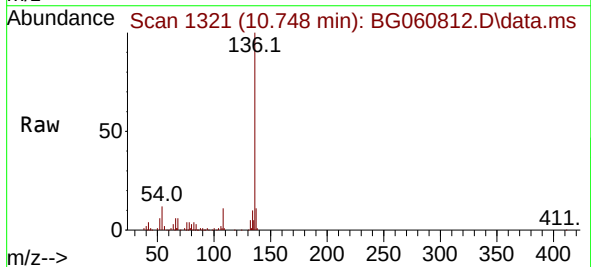
Instrument :
BNA_G
ClientSampleId :
TP1

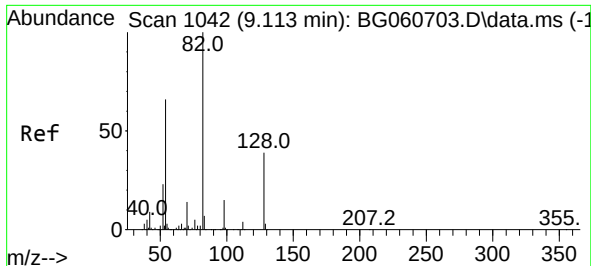
Tgt Ion: 99 Resp: 590412
Ion Ratio Lower Upper
99 100
42 26.9 19.4 29.2
71 37.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1321
Delta R.T. -0.010 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Tgt Ion:136 Resp: 243539
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 12.1 10.2 15.2
68 6.3 5.2 7.8

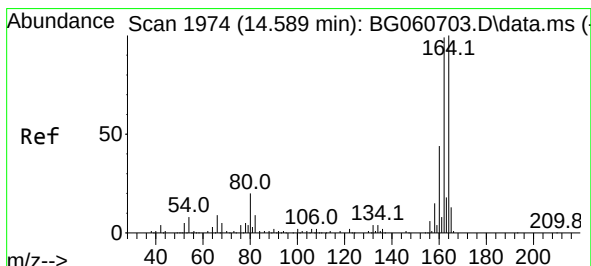
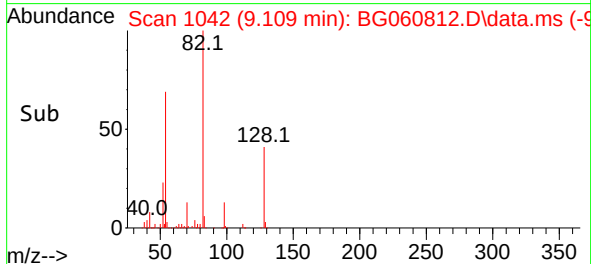
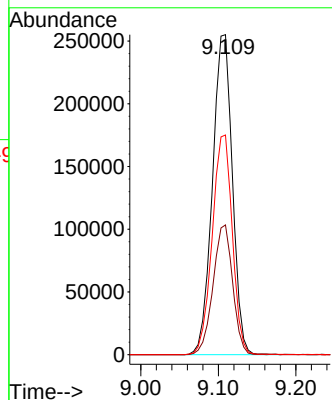
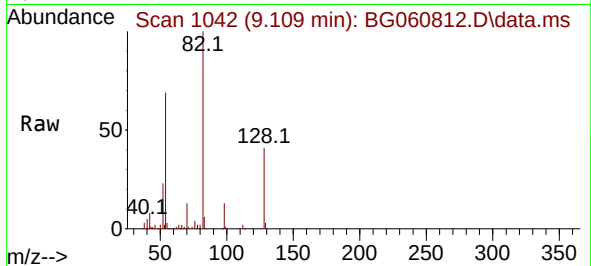




#23
Nitrobenzene-d5
Concen: 106.800 ng
RT: 9.109 min Scan# 1042
Delta R.T. -0.004 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

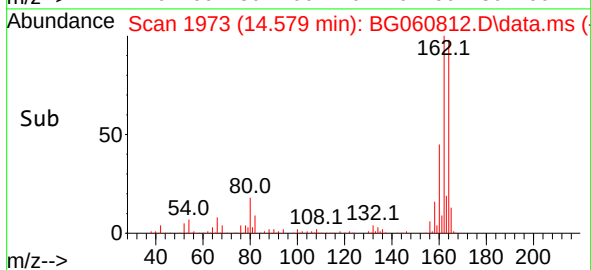
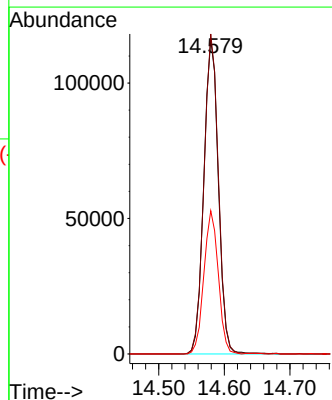
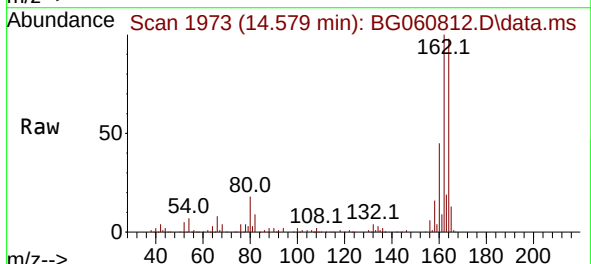
Instrument :
BNA_G
ClientSampleId :
TP1

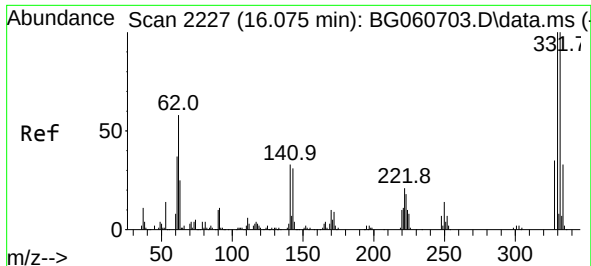
Tgt Ion: 82 Resp: 455823
Ion Ratio Lower Upper
82 100
128 40.6 31.2 46.8
54 68.6 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.579 min Scan# 1973
Delta R.T. -0.010 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Tgt Ion:164 Resp: 179675
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 175.994 ng

RT: 16.072 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060812.D

Acq: 6 Apr 2024 15:33

Instrument :

BNA_G

ClientSampleId :

TP1

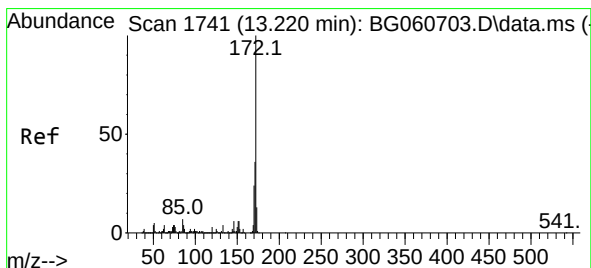
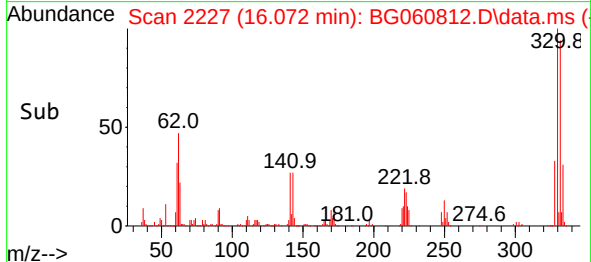
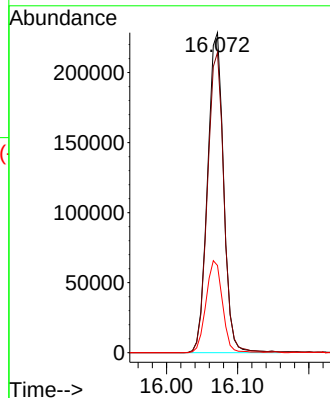
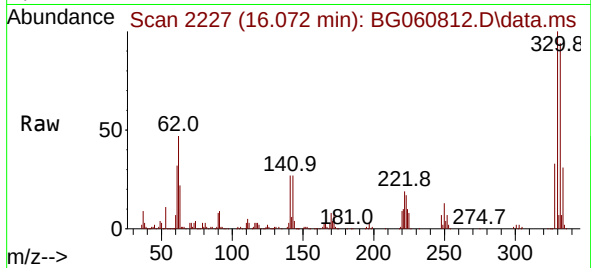
Tgt Ion:330 Resp: 358957

Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.4

141 29.5 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 89.583 ng

RT: 13.204 min Scan# 1739

Delta R.T. -0.016 min

Lab File: BG060812.D

Acq: 6 Apr 2024 15:33

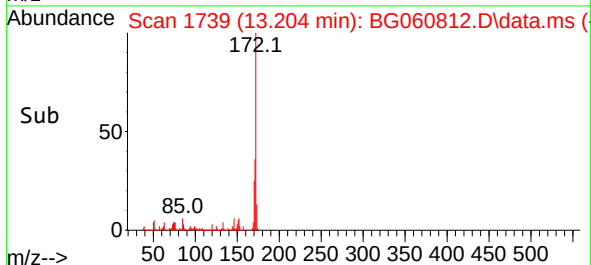
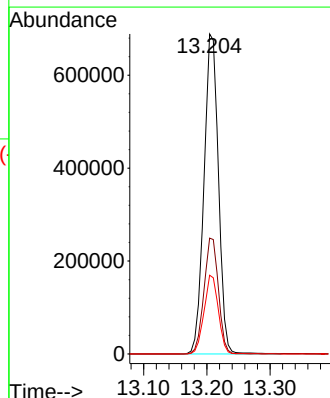
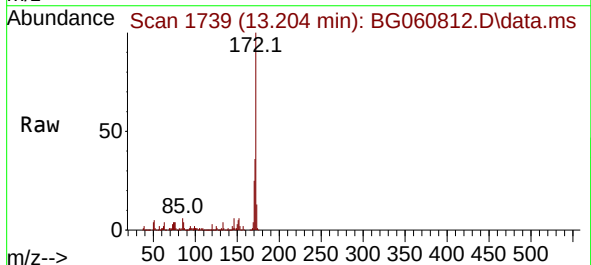
Tgt Ion:172 Resp: 1096719

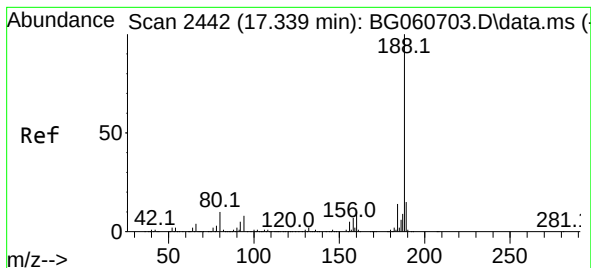
Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.329 min Scan# 2442

Delta R.T. -0.010 min

Lab File: BG060812.D

Acq: 6 Apr 2024 15:33

Instrument :

BNA_G

ClientSampleId :

TP1

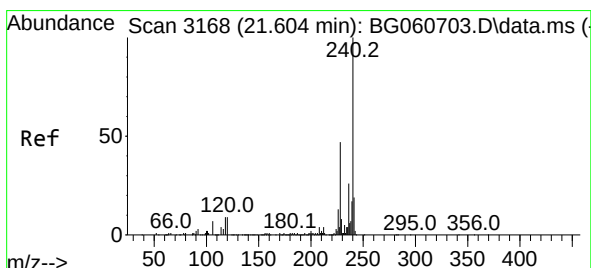
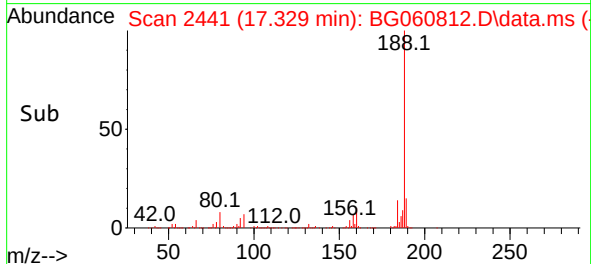
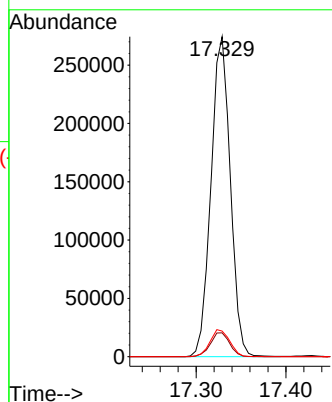
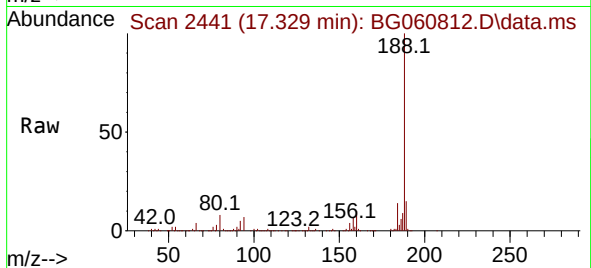
Tgt Ion:188 Resp: 409568

Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3166

Delta R.T. -0.016 min

Lab File: BG060812.D

Acq: 6 Apr 2024 15:33

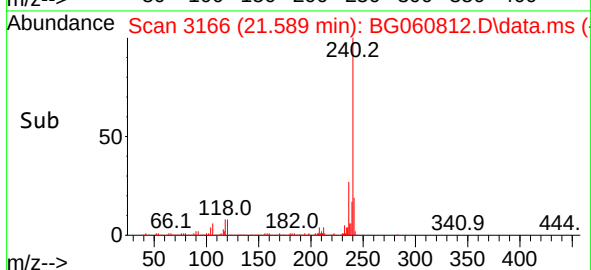
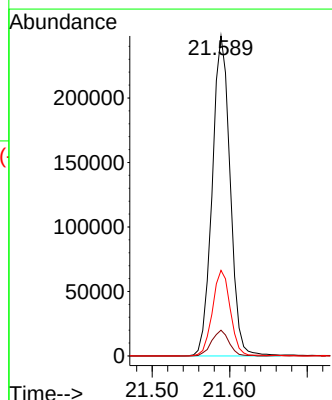
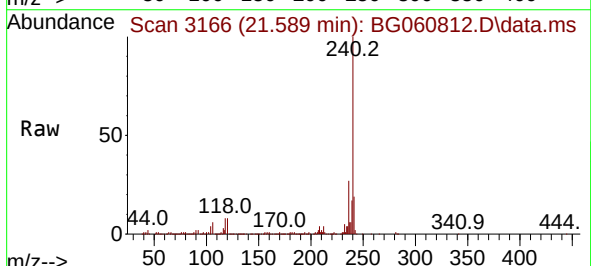
Tgt Ion:240 Resp: 398899

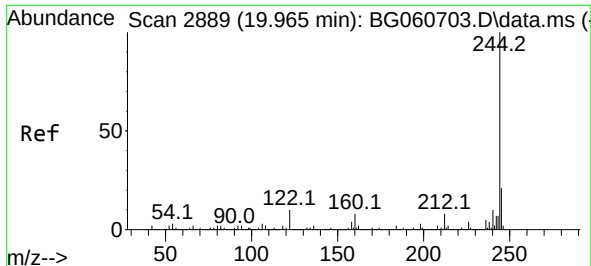
Ion Ratio Lower Upper

240 100

120 8.1 7.1 10.7

236 26.8 20.7 31.1

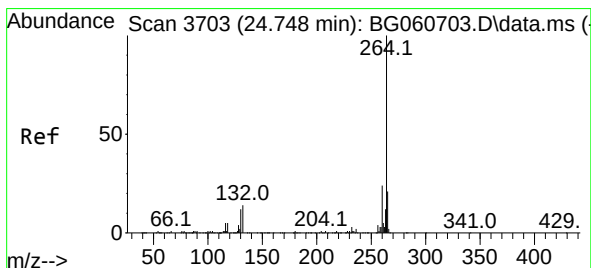
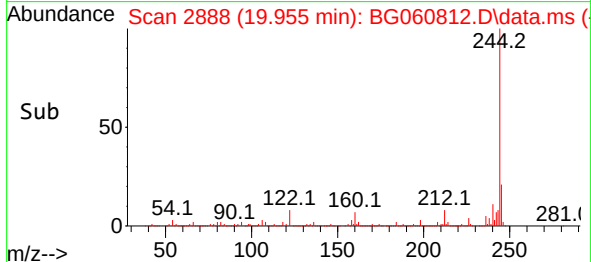
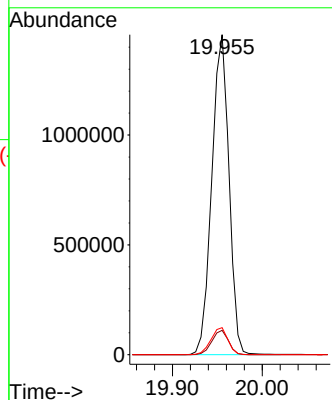
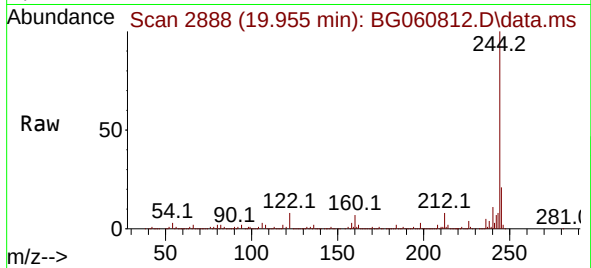




#79
 Terphenyl-d14
 Concen: 85.351 ng
 RT: 19.955 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG060812.D
 Acq: 6 Apr 2024 15:33

Instrument :
 BNA_G
 ClientSampleId :
 TP1

Tgt Ion:244 Resp: 1933536
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.726 min Scan# 3700
 Delta R.T. -0.021 min
 Lab File: BG060812.D
 Acq: 6 Apr 2024 15:33

Tgt Ion:264 Resp: 464038
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.7 16.9 25.3

