

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060806.D
 Acq On : 6 Apr 2024 11:19
 Operator : MA/JU
 Sample : PB160028BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160028BL

Quant Time: Apr 06 11:52:51 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	7.960	152	55252	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	234549	20.000	ng	0.00
39) Acenaphthene-d10	14.587	164	189881	20.000	ng	0.00
64) Phenanthrene-d10	17.331	188	538469	20.000	ng	0.00
76) Chrysene-d12	21.597	240	539933	20.000	ng	0.00
86) Perylene-d12	24.740	264	610547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	452844	136.536	ng	0.00
7) Phenol-d6	7.120	99	639422	129.879	ng	0.00
23) Nitrobenzene-d5	9.111	82	379886	92.419	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	390440	181.140	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	1065822	82.380	ng	0.00
79) Terphenyl-d14	19.958	244	2428544	79.200	ng	0.00

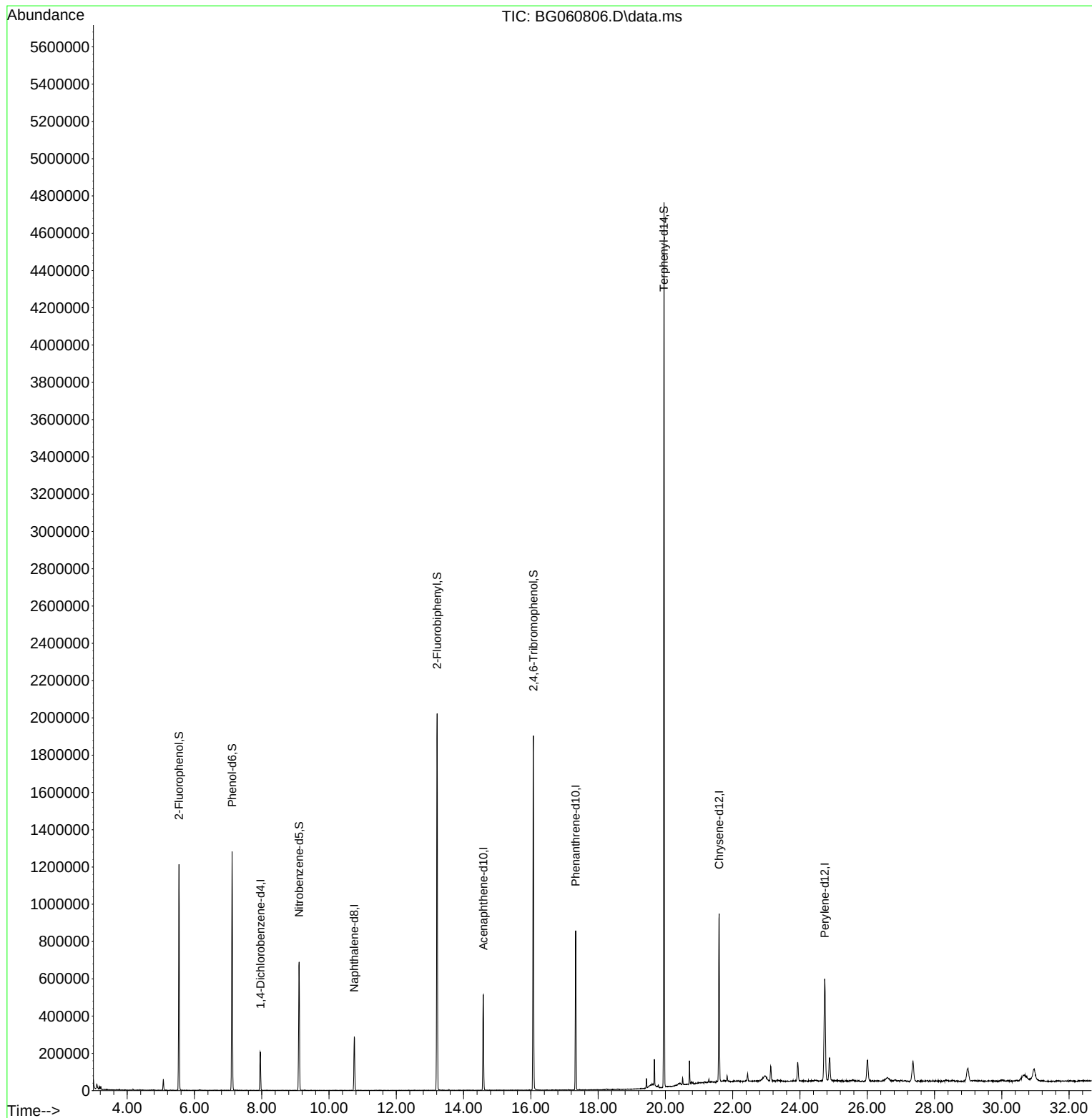
Target Compounds	Qvalue

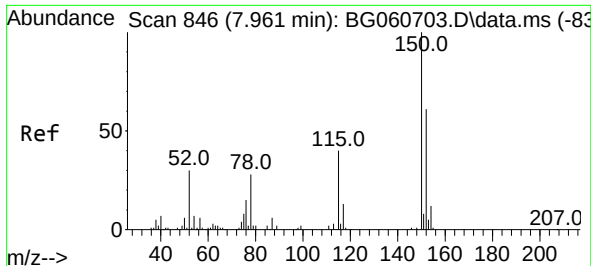
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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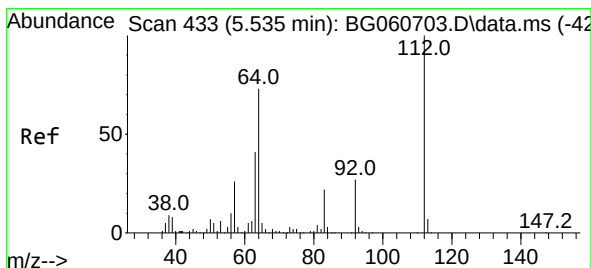
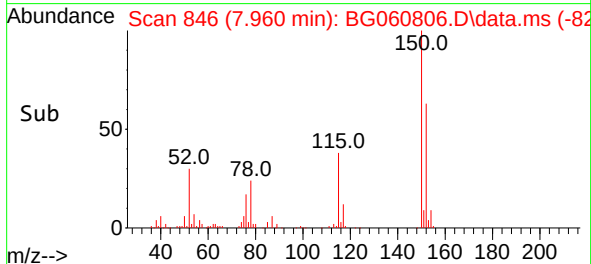
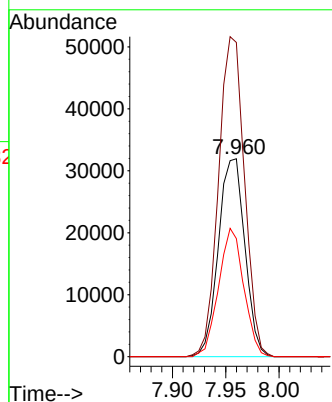
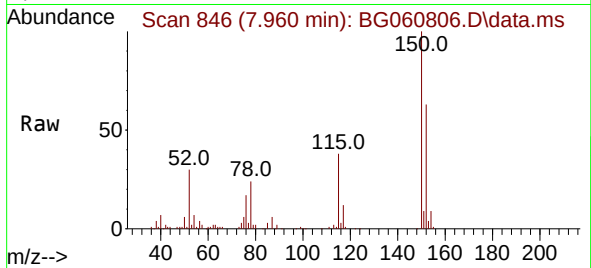




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.960 min Scan# 846
 Delta R.T. -0.001 min
 Lab File: BG060806.D
 Acq: 6 Apr 2024 11:19

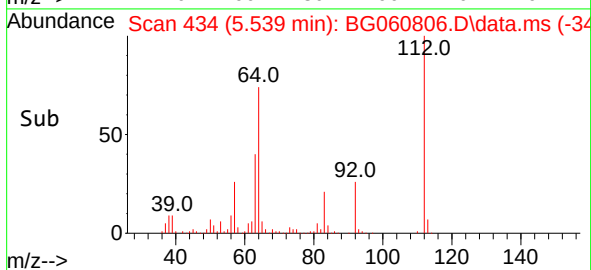
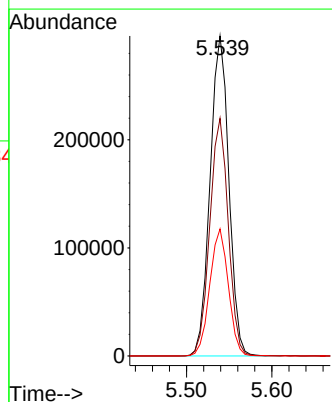
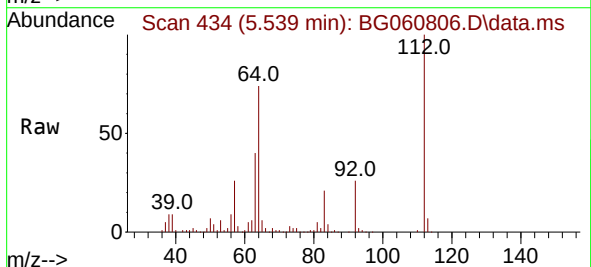
Instrument :
 BNA_G
 ClientSampleId :
 PB160028BL

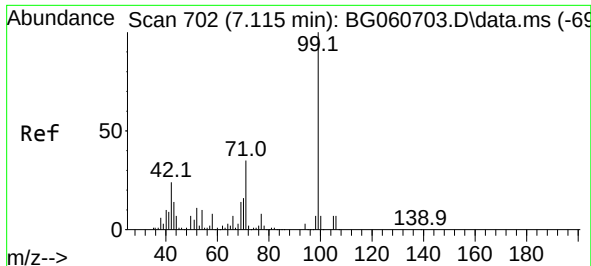
Tgt Ion:152 Resp: 55252
 Ion Ratio Lower Upper
 152 100
 150 158.8 130.2 195.4
 115 59.6 51.6 77.4



#5
 2-Fluorophenol
 Concen: 136.536 ng
 RT: 5.539 min Scan# 434
 Delta R.T. 0.004 min
 Lab File: BG060806.D
 Acq: 6 Apr 2024 11:19

Tgt Ion:112 Resp: 452844
 Ion Ratio Lower Upper
 112 100
 64 74.3 58.4 87.6
 63 39.7 32.7 49.1

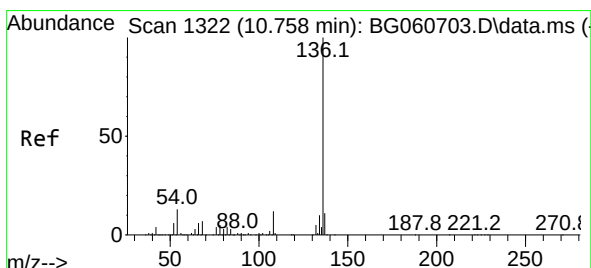
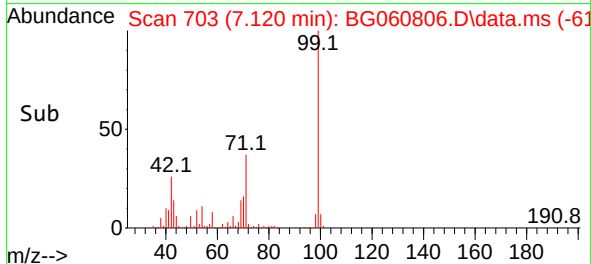
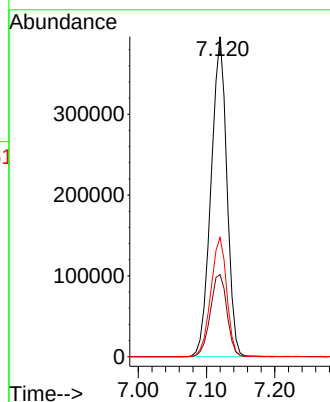
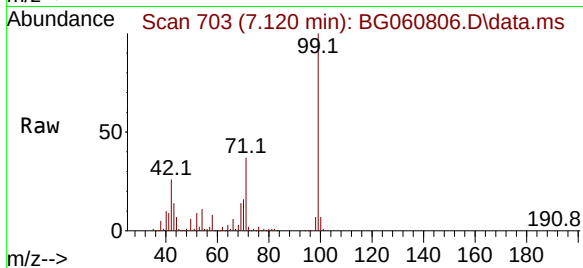




#7
Phenol-d6
Concen: 129.879 ng
RT: 7.120 min Scan# 702
Delta R.T. 0.004 min
Lab File: BG060806.D
Acq: 6 Apr 2024 11:19

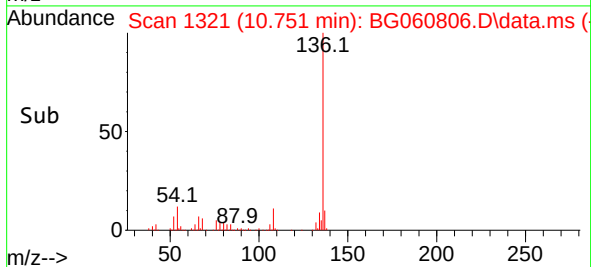
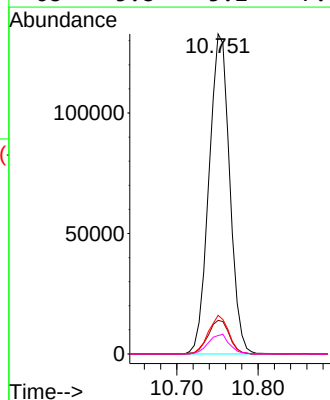
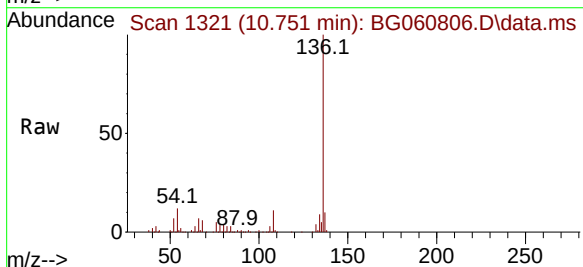
Instrument :
BNA_G
ClientSampleId :
PB160028BL

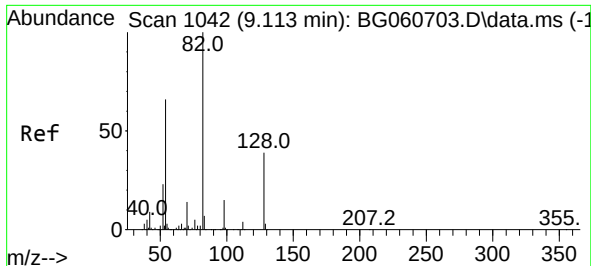
Tgt Ion: 99 Resp: 639422
Ion Ratio Lower Upper
99 100
42 25.7 19.4 29.2
71 37.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1321
Delta R.T. -0.007 min
Lab File: BG060806.D
Acq: 6 Apr 2024 11:19

Tgt Ion: 136 Resp: 234549
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 12.1 10.2 15.2
68 5.8 5.2 7.8

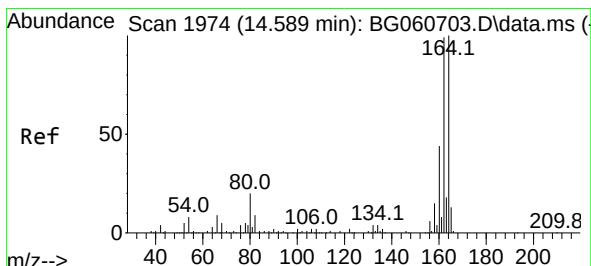
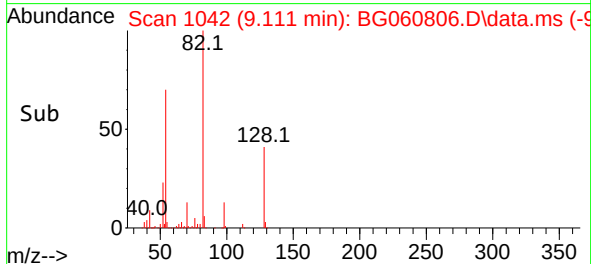
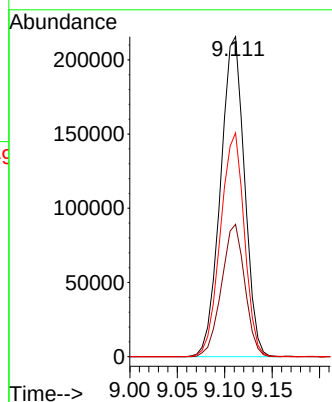
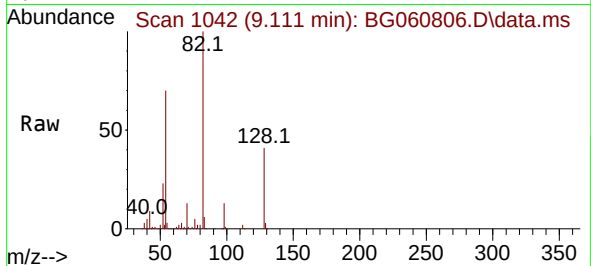




#23
Nitrobenzene-d5
Concen: 92.419 ng
RT: 9.111 min Scan# 1042
Delta R.T. -0.002 min
Lab File: BG060806.D
Acq: 6 Apr 2024 11:19

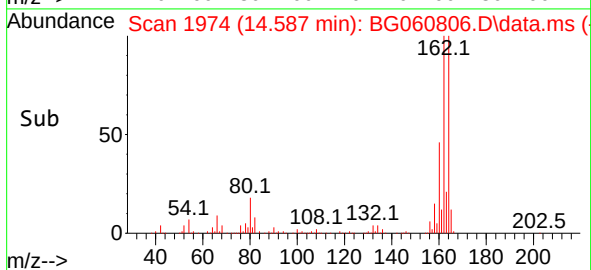
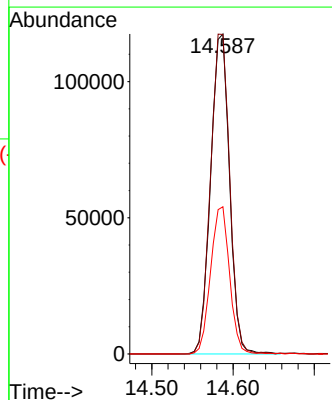
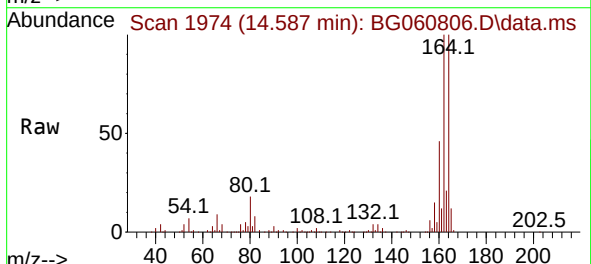
Instrument :
BNA_G
ClientSampleId :
PB160028BL

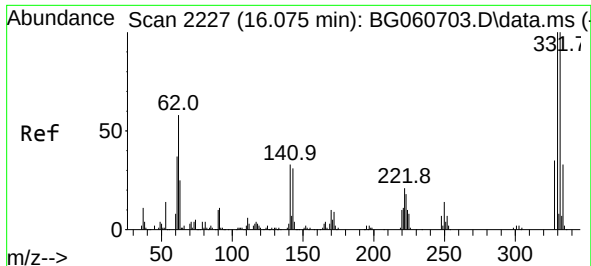
Tgt Ion: 82 Resp: 379886
Ion Ratio Lower Upper
82 100
128 41.3 31.2 46.8
54 69.9 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1974
Delta R.T. -0.002 min
Lab File: BG060806.D
Acq: 6 Apr 2024 11:19

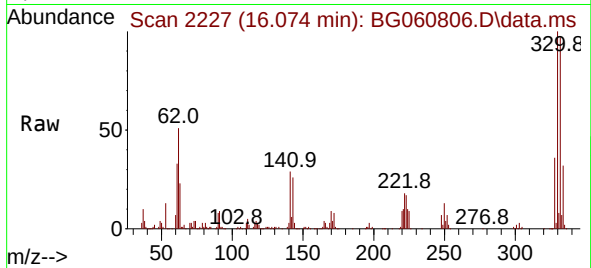
Tgt Ion:164 Resp: 189881
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 46.0 35.4 53.0



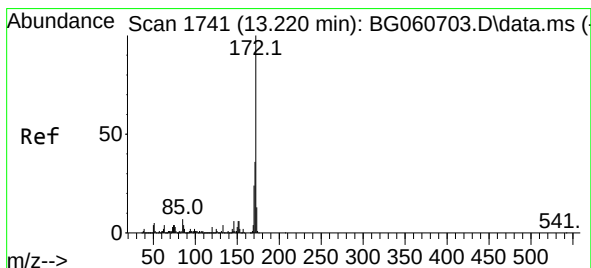
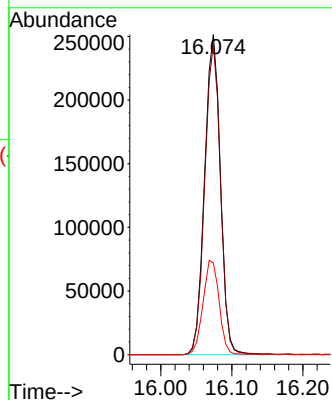
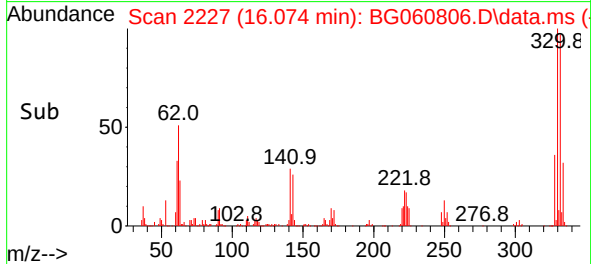


#42
2,4,6-Tribromophenol
Concen: 181.140 ng
RT: 16.074 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060806.D
Acq: 6 Apr 2024 11:19

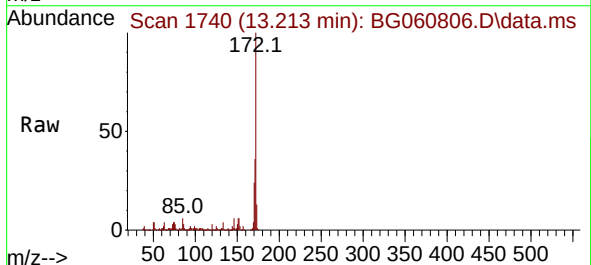
Instrument :
BNA_G
ClientSampleId :
PB160028BL



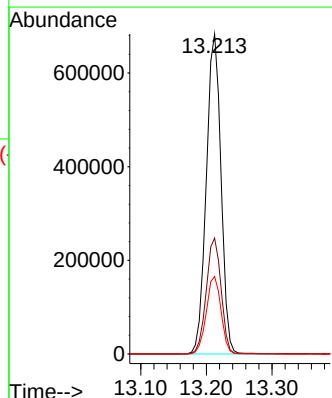
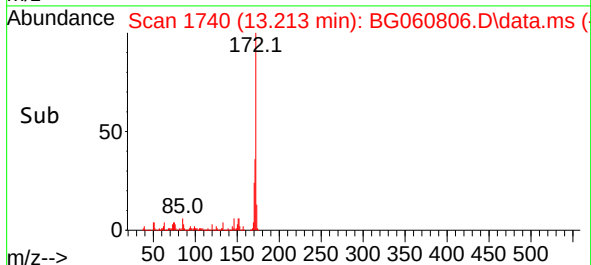
Tgt Ion:330 Resp: 390440
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.4
141 30.0 27.0 40.6

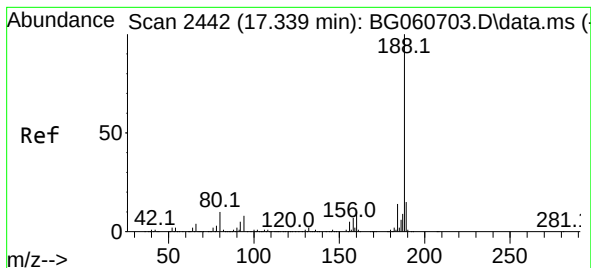


#45
2-Fluorobiphenyl
Concen: 82.380 ng
RT: 13.213 min Scan# 1740
Delta R.T. -0.007 min
Lab File: BG060806.D
Acq: 6 Apr 2024 11:19



Tgt Ion:172 Resp: 1065822
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.331 min Scan# 2442

Delta R.T. -0.007 min

Lab File: BG060806.D

Acq: 6 Apr 2024 11:19

Instrument :

BNA_G

ClientSampleId :

PB160028BL

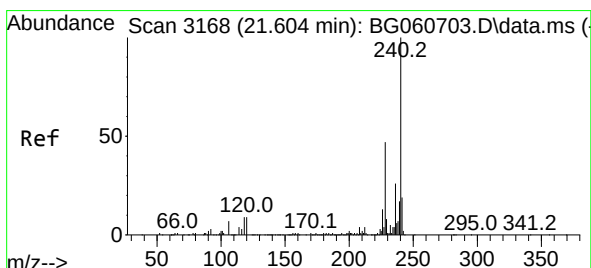
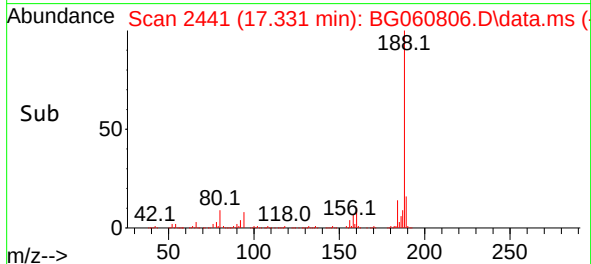
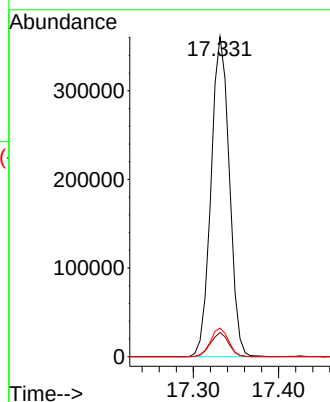
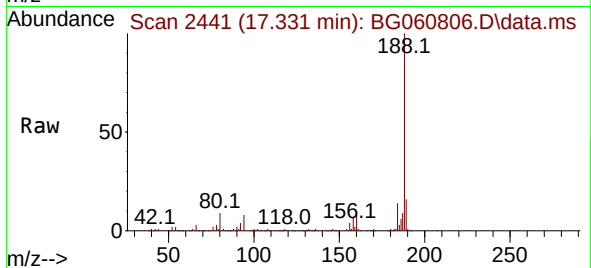
Tgt Ion:188 Resp: 538469

Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 8.9 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.597 min Scan# 3167

Delta R.T. -0.007 min

Lab File: BG060806.D

Acq: 6 Apr 2024 11:19

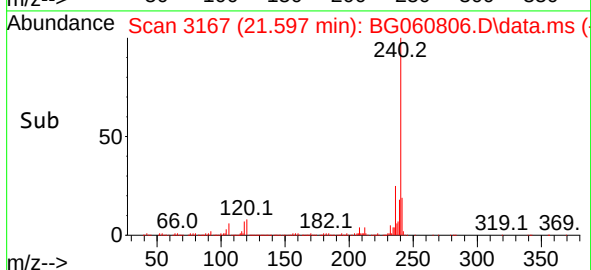
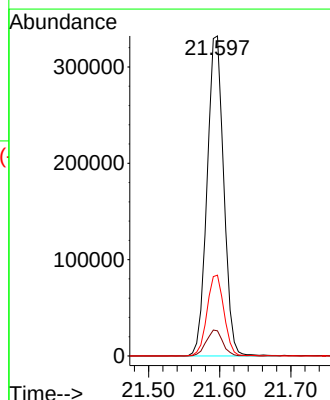
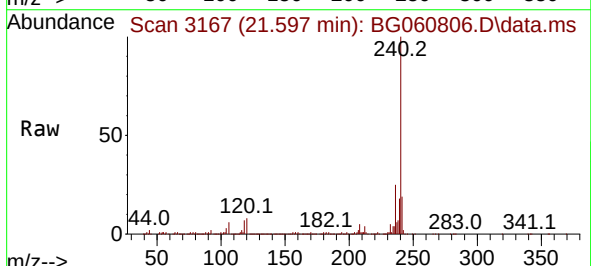
Tgt Ion:240 Resp: 539933

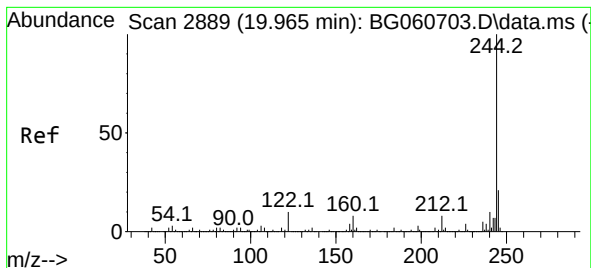
Ion Ratio Lower Upper

240 100

120 7.9 7.1 10.7

236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 79.200 ng

RT: 19.958 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060806.D

Acq: 6 Apr 2024 11:19

Instrument :

BNA_G

ClientSampleId :

PB160028BL

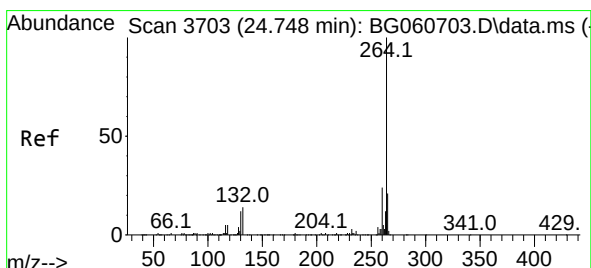
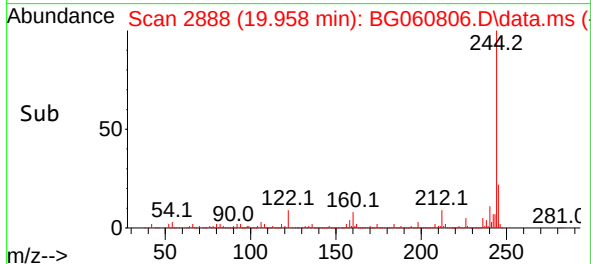
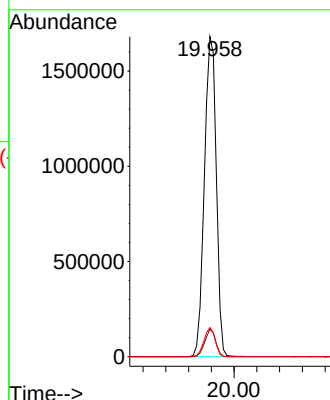
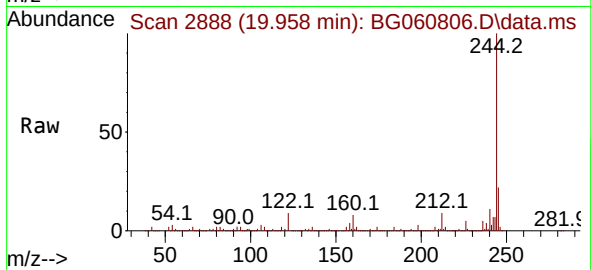
Tgt Ion:244 Resp: 2428544

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

122 9.1 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.740 min Scan# 3702

Delta R.T. -0.007 min

Lab File: BG060806.D

Acq: 6 Apr 2024 11:19

Tgt Ion:264 Resp: 610547

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 20.8 16.9 25.3

