

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
 Data File : BG060757.D
 Acq On : 3 Apr 2024 10:32
 Operator : MA/JU
 Sample : PB159882BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159882BL

Quant Time: Apr 03 11:51:00 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	7.958	152	45099	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	183286	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	145697	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	411161	20.000	ng	0.00
76) Chrysene-d12	21.601	240	445500	20.000	ng	0.00
86) Perylene-d12	24.739	264	514914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	486303	179.633	ng	0.00
7) Phenol-d6	7.118	99	530120	131.919	ng	0.00
23) Nitrobenzene-d5	9.110	82	326186	101.550	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	301376	182.222	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	835852	84.197	ng	0.00
79) Terphenyl-d14	19.962	244	2158306	85.307	ng	0.00

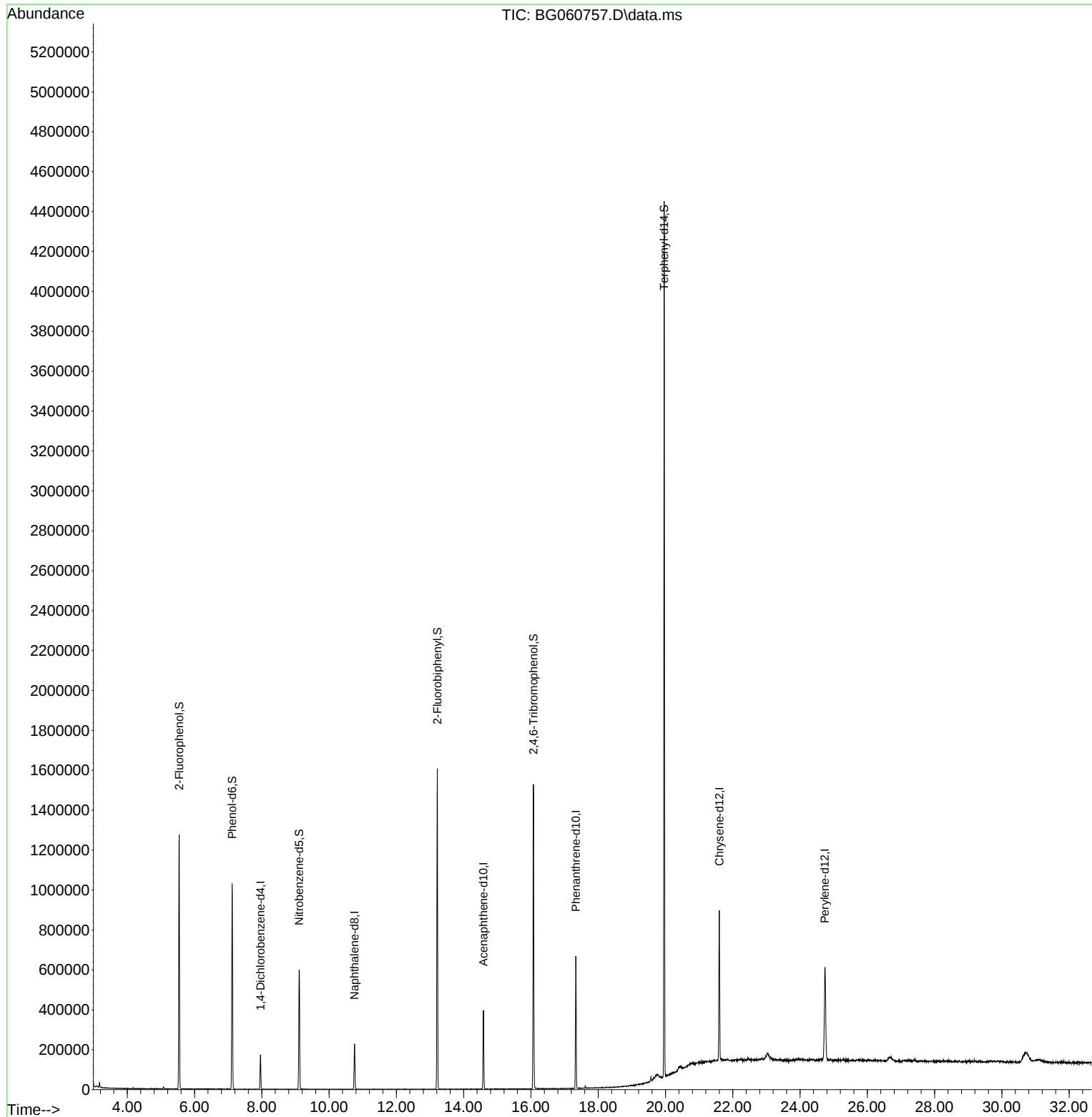
Target Compounds	Qvalue

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

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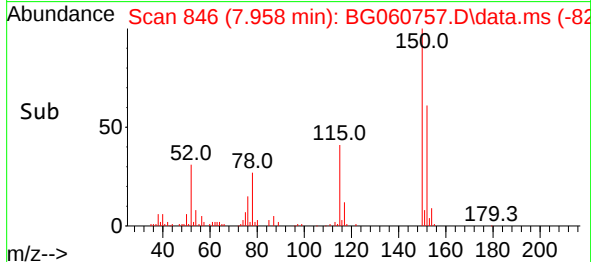
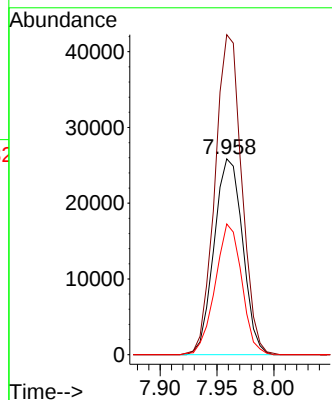
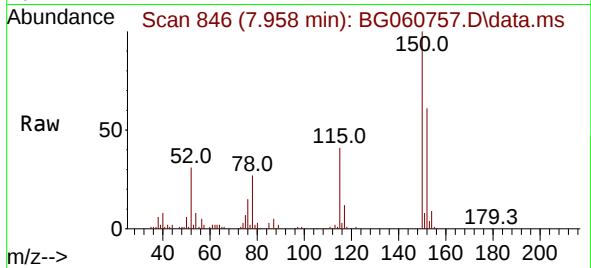




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.958 min Scan# 846
 Delta R.T. -0.003 min
 Lab File: BG060757.D
 Acq: 3 Apr 2024 10:32

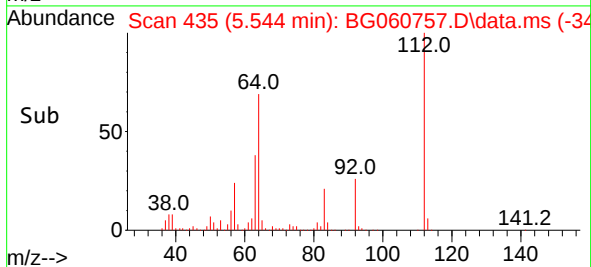
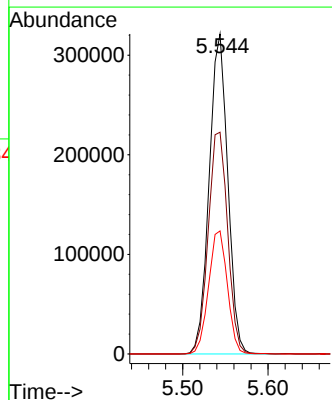
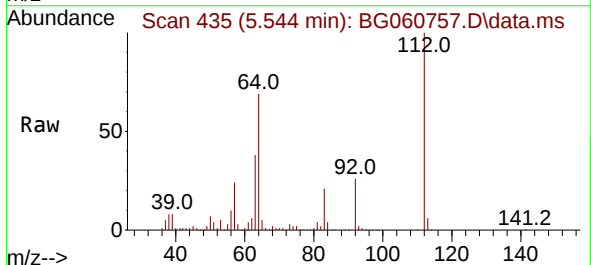
Instrument :
 BNA_G
 ClientSampleId :
 PB159882BL

Tgt Ion:152 Resp: 45099
 Ion Ratio Lower Upper
 152 100
 150 163.4 130.2 195.4
 115 66.8 51.6 77.4



#5
 2-Fluorophenol
 Concen: 179.633 ng
 RT: 5.544 min Scan# 435
 Delta R.T. 0.009 min
 Lab File: BG060757.D
 Acq: 3 Apr 2024 10:32

Tgt Ion:112 Resp: 486303
 Ion Ratio Lower Upper
 112 100
 64 69.3 58.4 87.6
 63 38.5 32.7 49.1

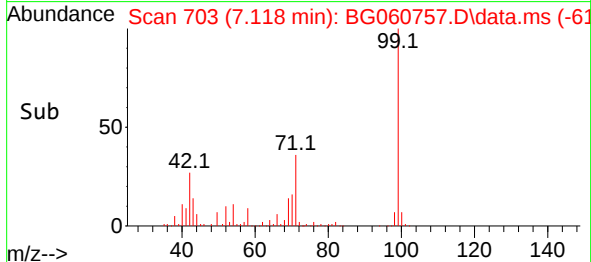
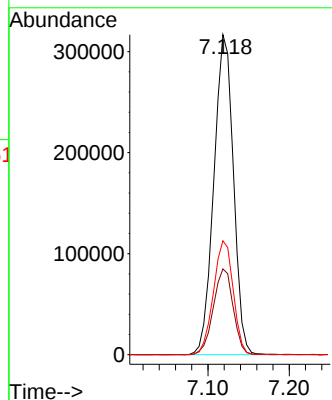
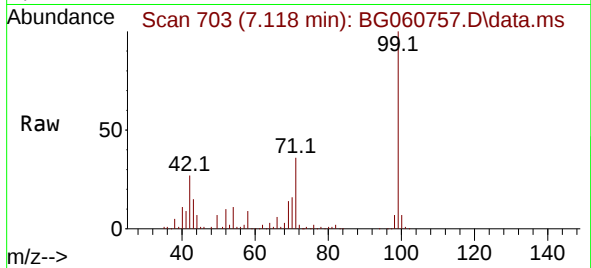




#7
Phenol-d6
Concen: 131.919 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

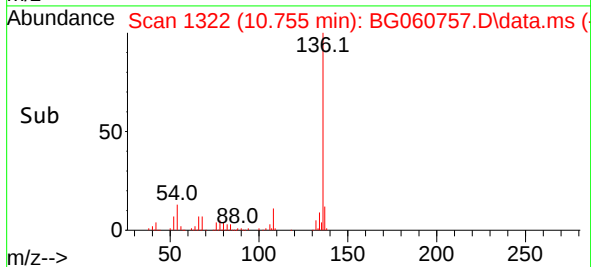
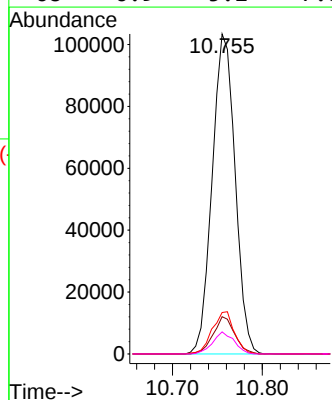
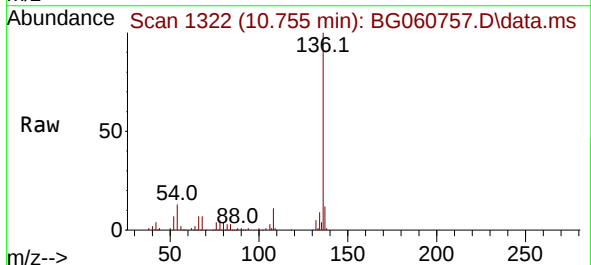
Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion: 99 Resp: 530120
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 35.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:136 Resp: 183286
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 12.9 10.2 15.2
68 6.9 5.2 7.8

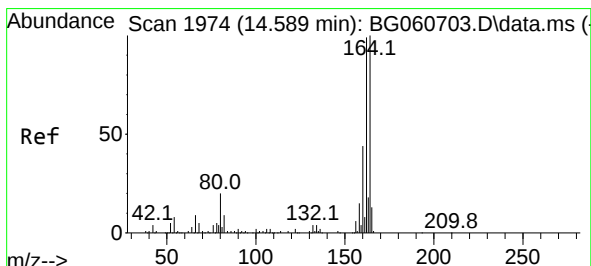
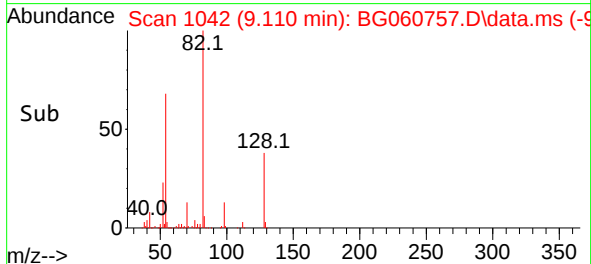
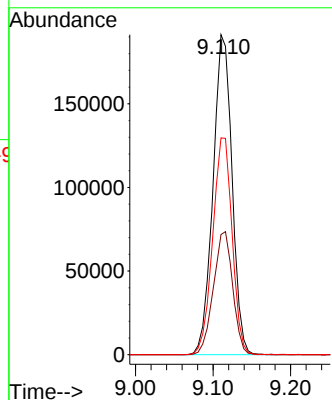
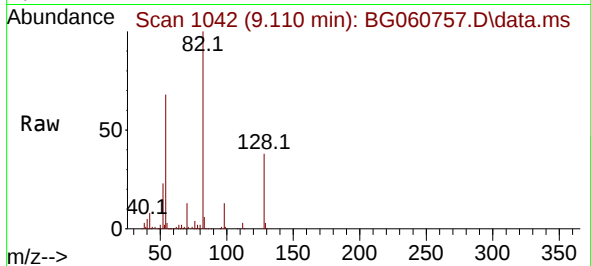




#23
Nitrobenzene-d5
Concen: 101.550 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

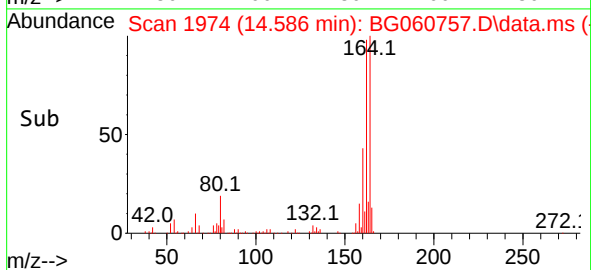
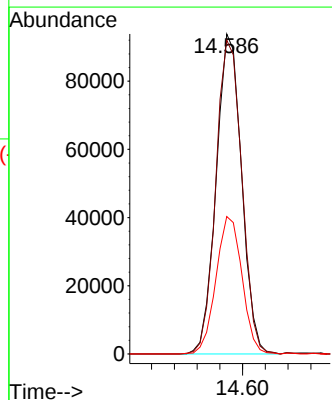
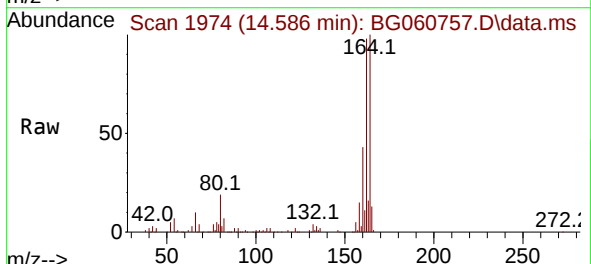
Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion: 82 Resp: 326186
Ion Ratio Lower Upper
82 100
128 37.5 31.2 46.8
54 67.8 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:164 Resp: 145697
Ion Ratio Lower Upper
164 100
162 98.0 79.5 119.3
160 43.0 35.4 53.0

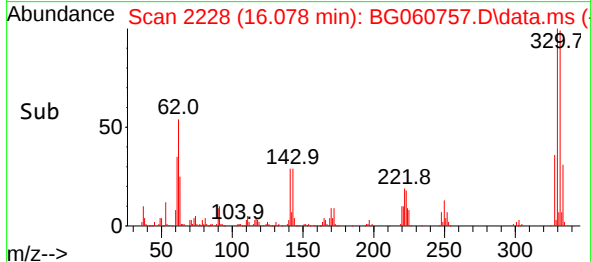
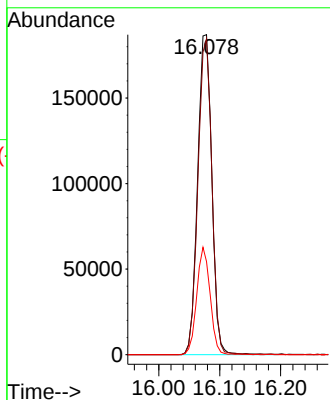
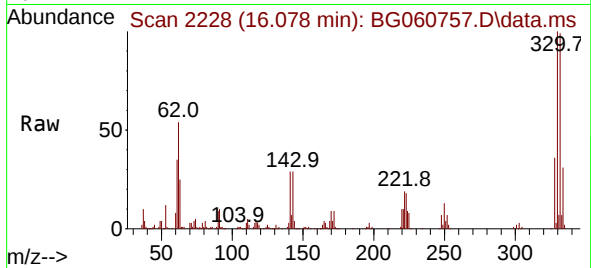




#42
2,4,6-Tribromophenol
Concen: 182.222 ng
RT: 16.078 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

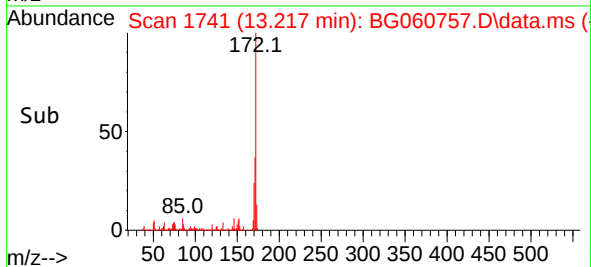
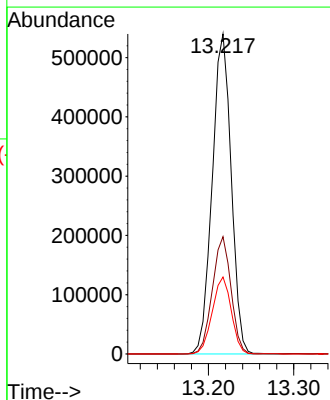
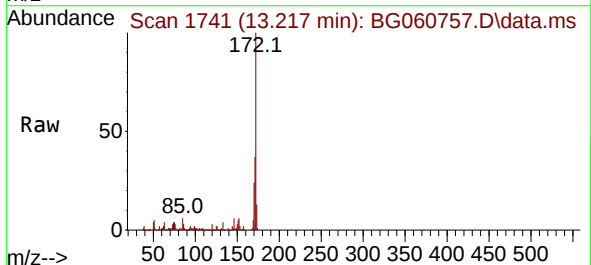
Instrument :
BNA_G
ClientSampleId :
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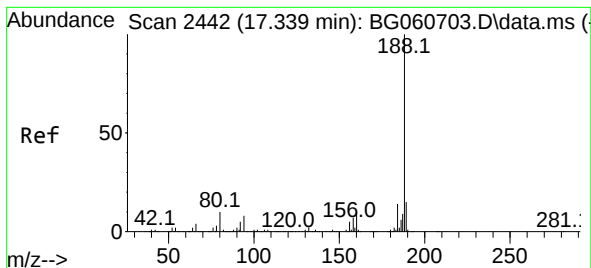
Tgt Ion:330 Resp: 301376
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 31.8 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 84.197 ng
RT: 13.217 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:172 Resp: 835852
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.0 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.336 min Scan# 2442

Delta R.T. -0.003 min

Lab File: BG060757.D

Acq: 3 Apr 2024 10:32

Instrument :

BNA_G

ClientSampleId :

PB159882BL

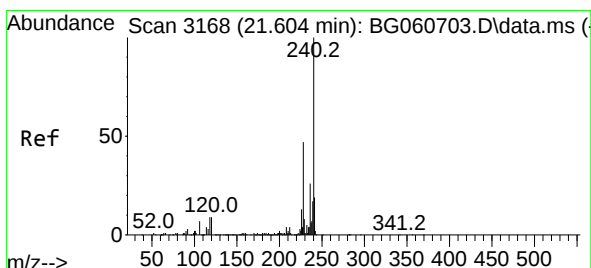
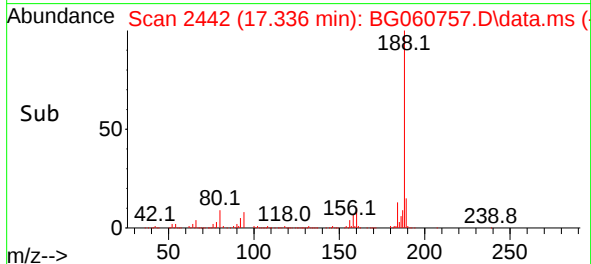
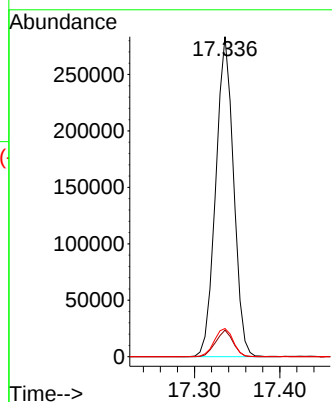
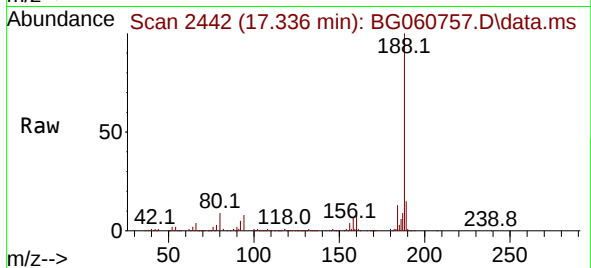
Tgt Ion:188 Resp: 411161

Ion Ratio Lower Upper

188 100

94 8.3 6.6 9.8

80 8.8 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.601 min Scan# 3168

Delta R.T. -0.003 min

Lab File: BG060757.D

Acq: 3 Apr 2024 10:32

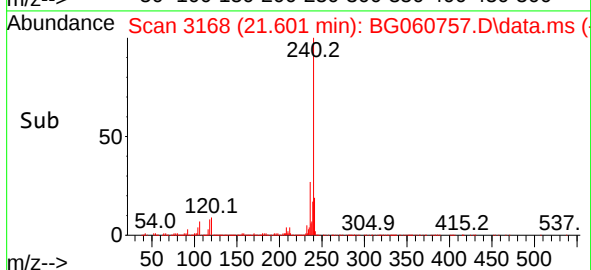
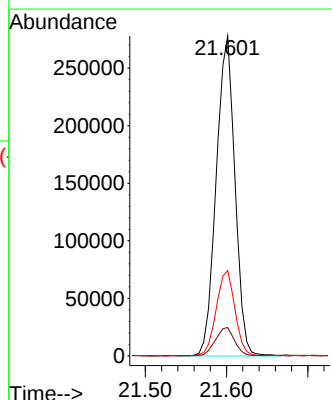
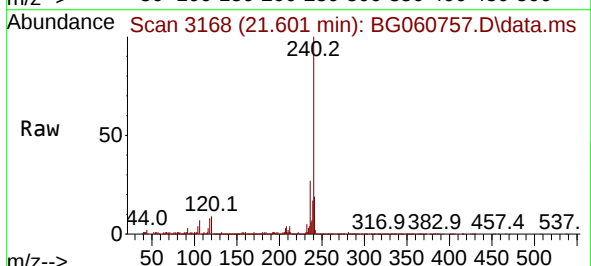
Tgt Ion:240 Resp: 445500

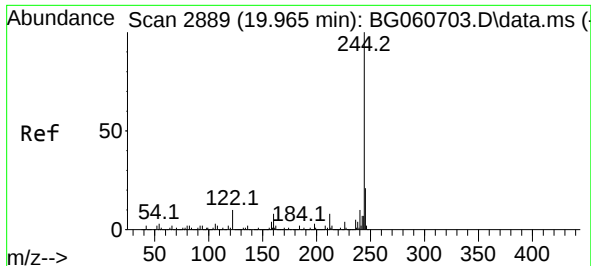
Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

236 26.7 20.7 31.1



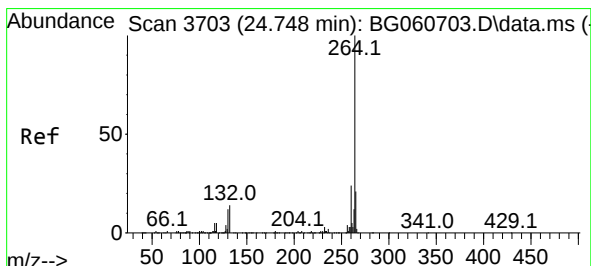
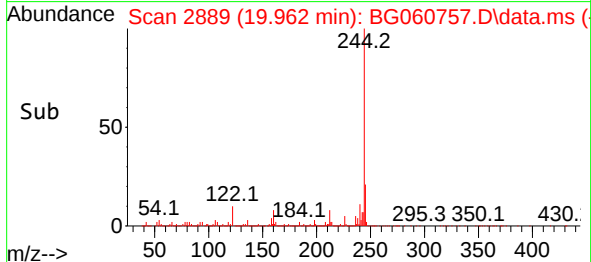
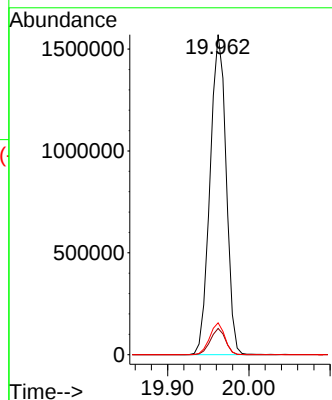
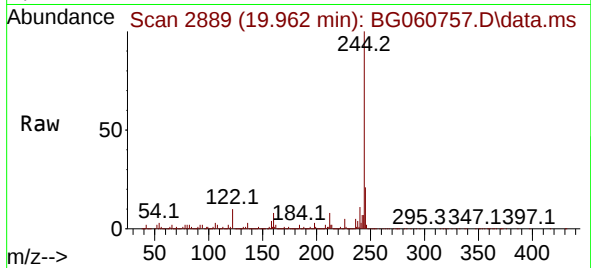


#79
 Terphenyl-d14
 Concen: 85.307 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060757.D
 Acq: 3 Apr 2024 10:32

Instrument :
 BNA_G
 ClientSampleId :
 PB159882BL

Tgt Ion:244 Resp: 2158306

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	10.0	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 3702
 Delta R.T. -0.009 min
 Lab File: BG060757.D
 Acq: 3 Apr 2024 10:32

Tgt Ion:264 Resp: 514914

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.4	16.9	25.3

