

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060741.D
 Acq On : 2 Apr 2024 17:18
 Operator : MA/JU
 Sample : PB159890TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159890TB

Quant Time: Apr 02 17:57:10 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	46935	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	195059	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	157117	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	437229	20.000	ng	0.00
76) Chrysene-d12	21.595	240	480967	20.000	ng	0.00
86) Perylene-d12	24.738	264	540095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	449694	159.612	ng	0.00
7) Phenol-d6	7.118	99	622694	148.894	ng	0.00
23) Nitrobenzene-d5	9.110	82	379080	110.894	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	334019	187.279	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	968698	90.486	ng	0.00
79) Terphenyl-d14	19.962	244	2416481	88.468	ng	0.00

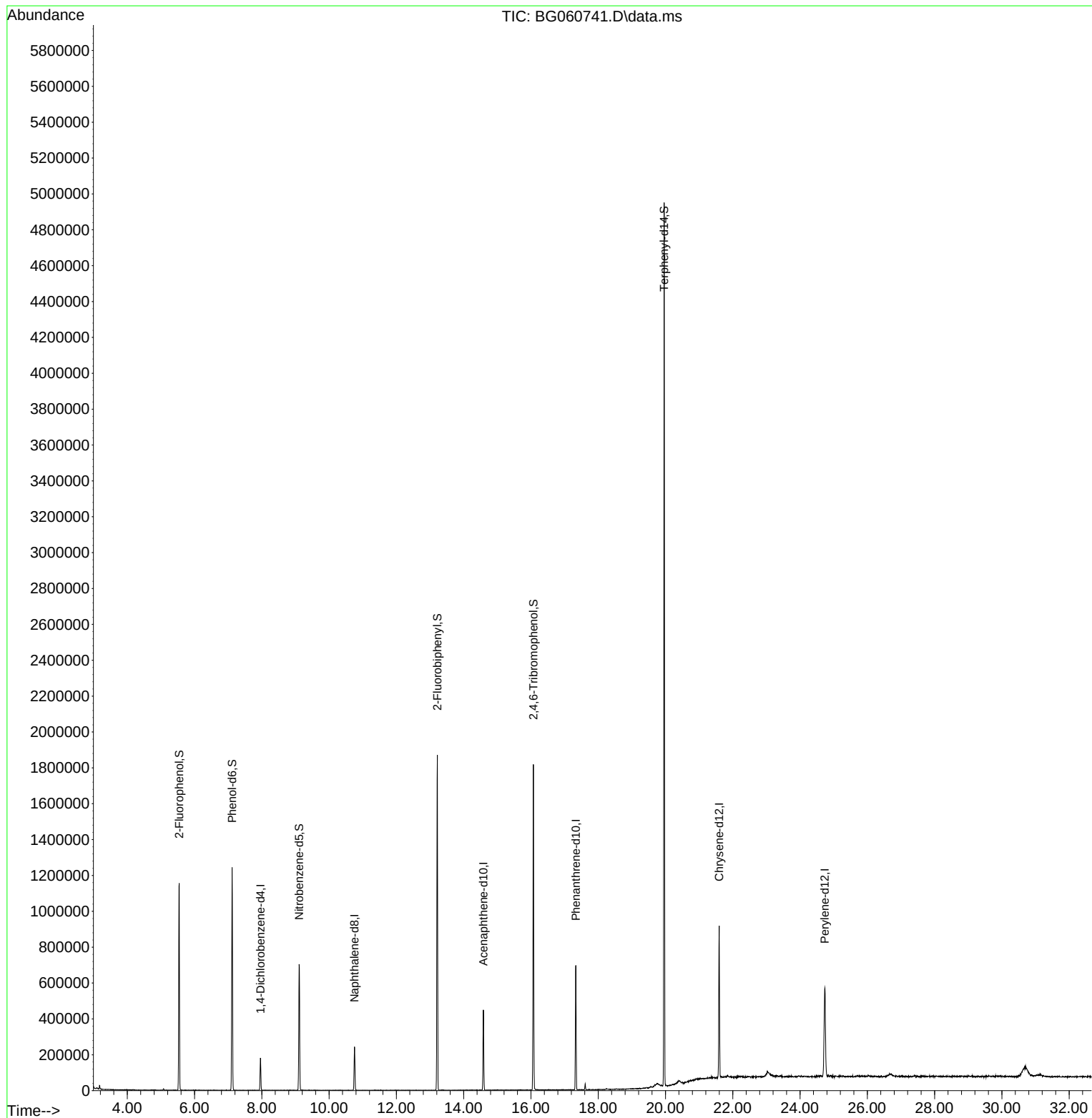
Target Compounds	Qvalue

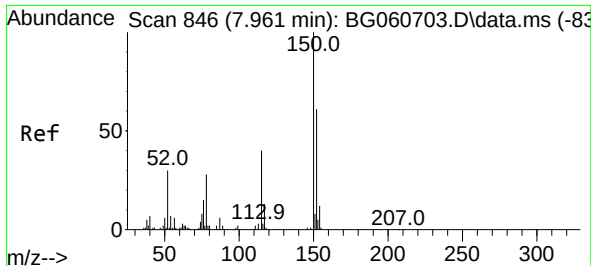
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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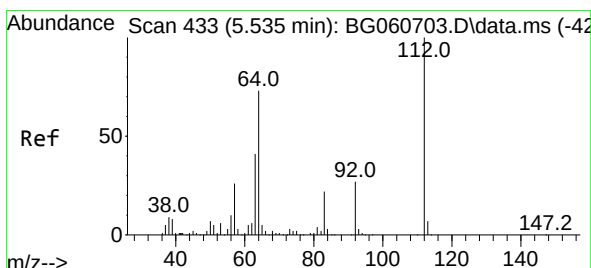
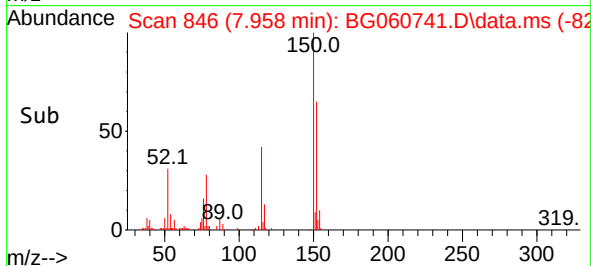
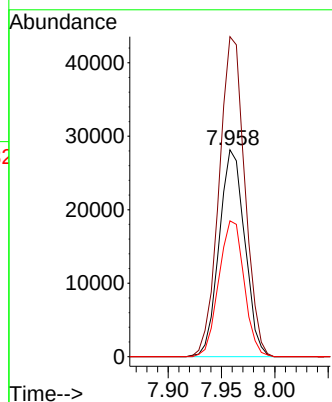
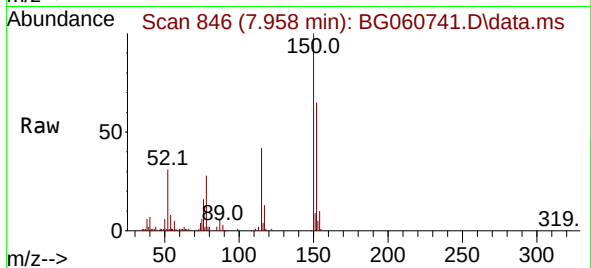


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.958 min Scan# 846
 Delta R.T. -0.003 min
 Lab File: BG060741.D
 Acq: 2 Apr 2024 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB159890TB

Tgt Ion:152 Resp: 46935

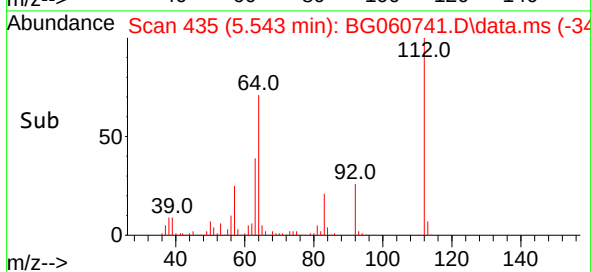
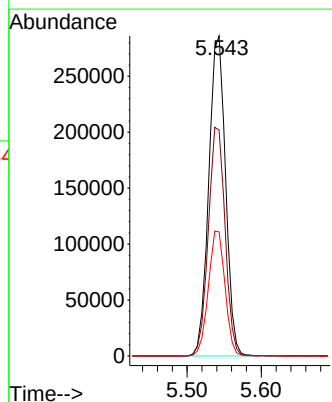
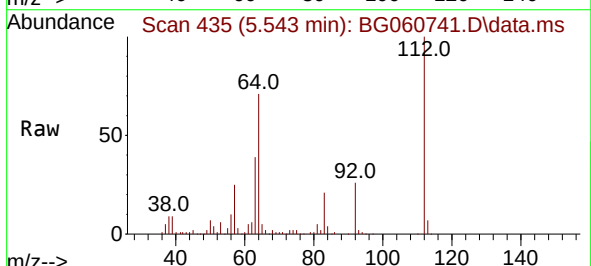
Ion	Ratio	Lower	Upper
152	100		
150	154.7	130.2	195.4
115	65.7	51.6	77.4

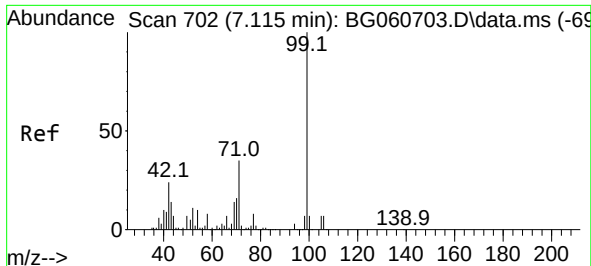


#5
 2-Fluorophenol
 Concen: 159.612 ng
 RT: 5.543 min Scan# 435
 Delta R.T. 0.008 min
 Lab File: BG060741.D
 Acq: 2 Apr 2024 17:18

Tgt Ion:112 Resp: 449694

Ion	Ratio	Lower	Upper
112	100		
64	70.6	58.4	87.6
63	38.8	32.7	49.1

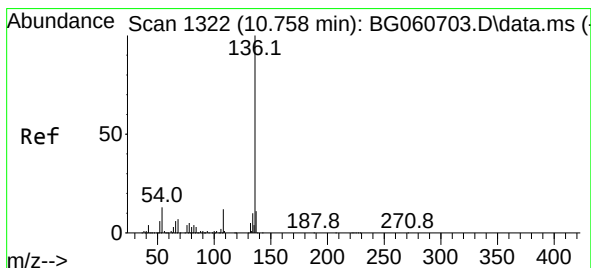
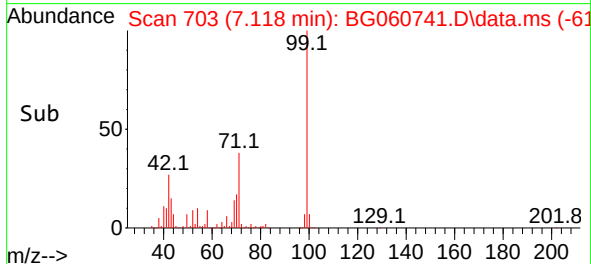
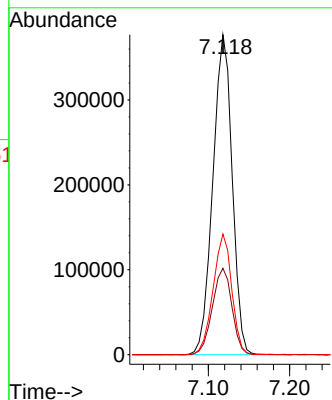
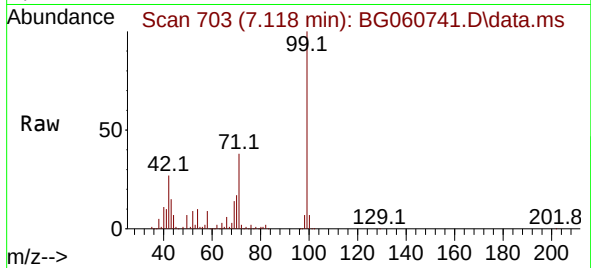




#7
Phenol-d6
Concen: 148.894 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

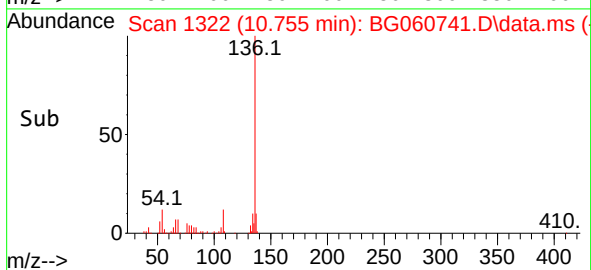
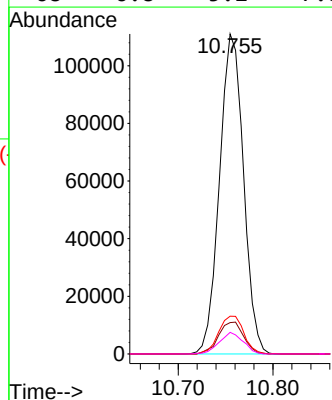
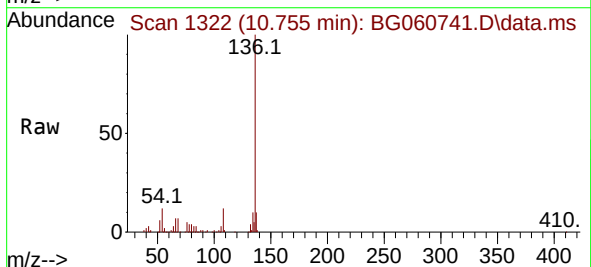
Instrument :
BNA_G
ClientSampleId :
PB159890TB

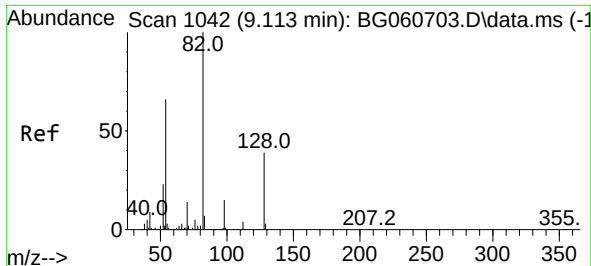
Tgt Ion: 99 Resp: 622694
Ion Ratio Lower Upper
99 100
42 27.0 19.4 29.2
71 37.7 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

Tgt Ion:136 Resp: 195059
Ion Ratio Lower Upper
136 100
137 9.8 8.8 13.2
54 11.8 10.2 15.2
68 6.8 5.2 7.8

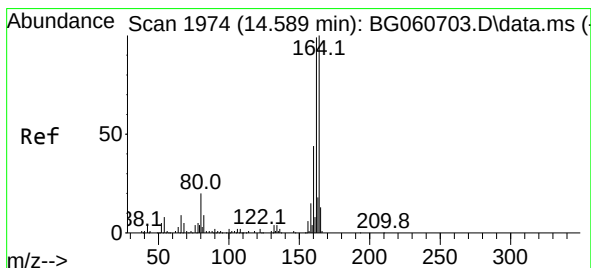
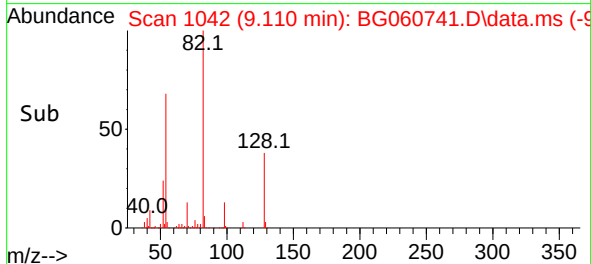
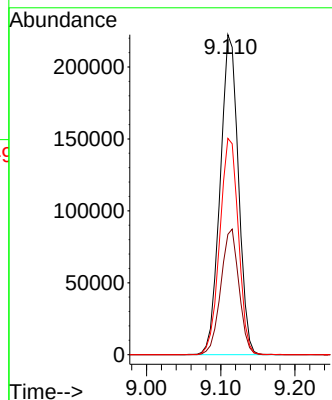
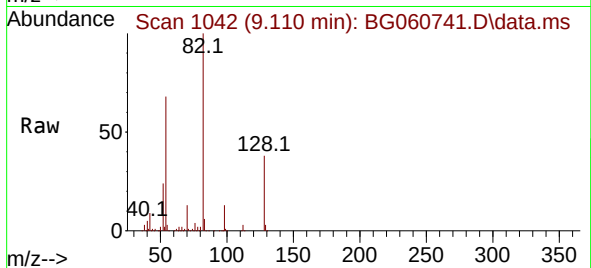




#23
Nitrobenzene-d5
Concen: 110.894 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

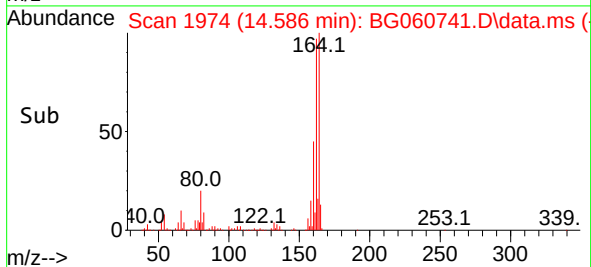
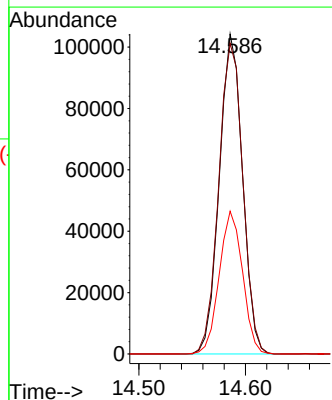
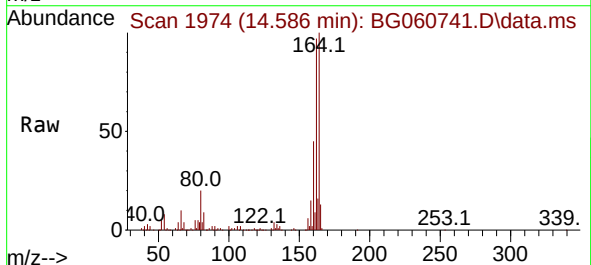
Instrument :
BNA_G
ClientSampleId :
PB159890TB

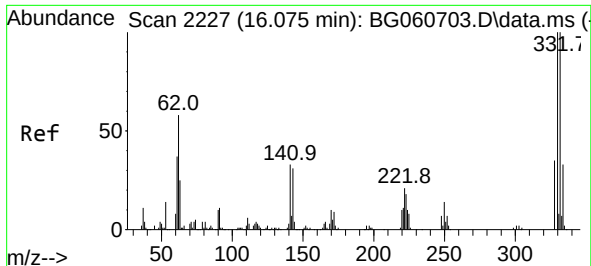
Tgt Ion: 82 Resp: 379080
Ion Ratio Lower Upper
82 100
128 37.6 31.2 46.8
54 67.6 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

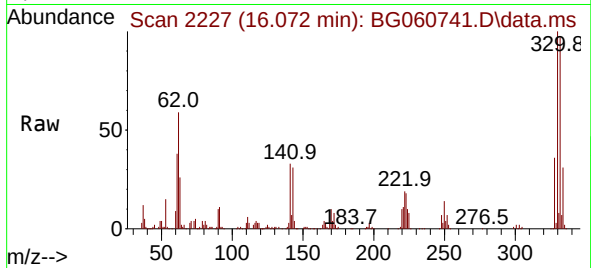
Tgt Ion:164 Resp: 157117
Ion Ratio Lower Upper
164 100
162 97.1 79.5 119.3
160 44.6 35.4 53.0



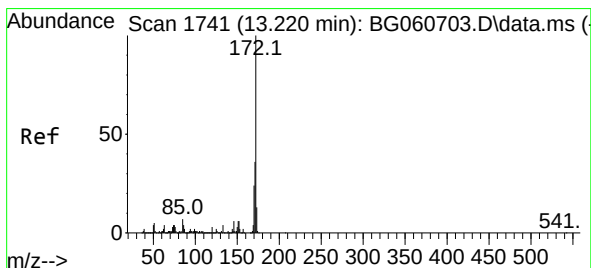
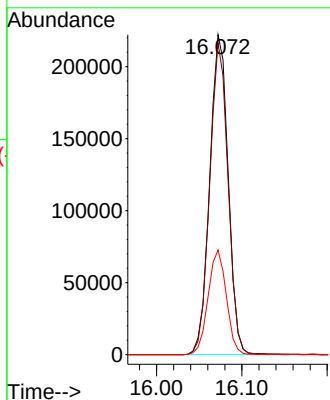
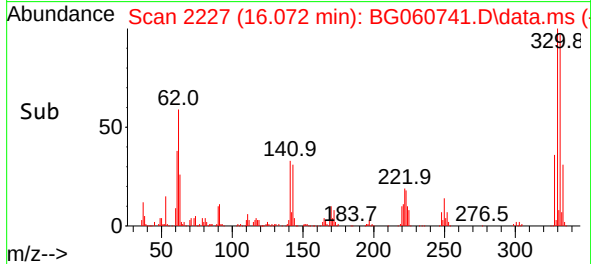


#42
2,4,6-Tribromophenol
Concen: 187.279 ng
RT: 16.072 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

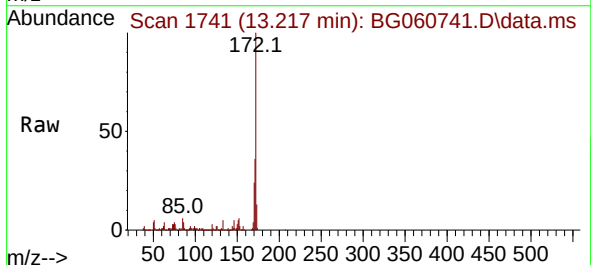
Instrument :
BNA_G
ClientSampleId :
PB159890TB



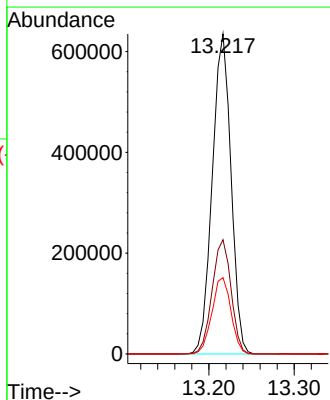
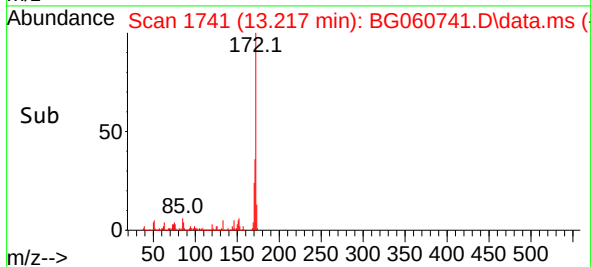
Tgt Ion:330 Resp: 334019
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 32.3 27.0 40.6

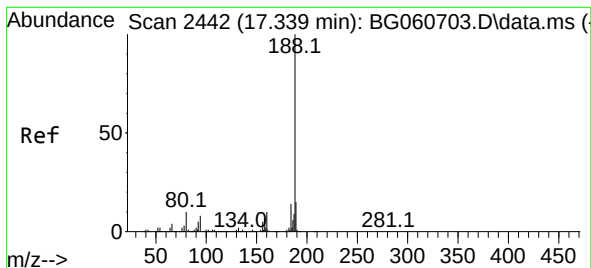


#45
2-Fluorobiphenyl
Concen: 90.486 ng
RT: 13.217 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18



Tgt Ion:172 Resp: 968698
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.9 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.335 min Scan# 2442

Delta R.T. -0.003 min

Lab File: BG060741.D

Acq: 2 Apr 2024 17:18

Instrument :

BNA_G

ClientSampleId :

PB159890TB

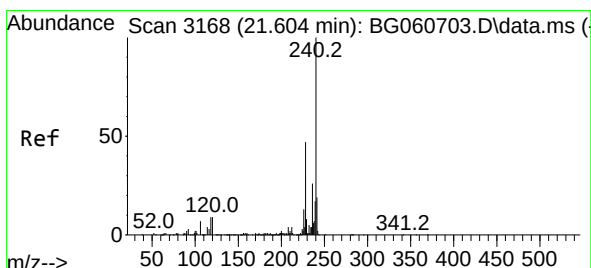
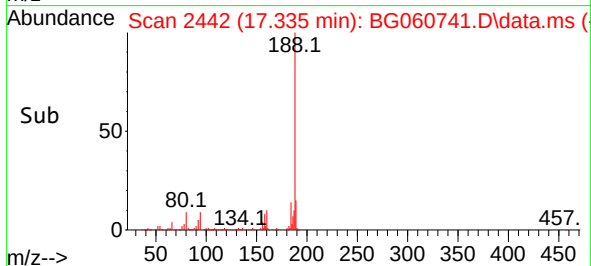
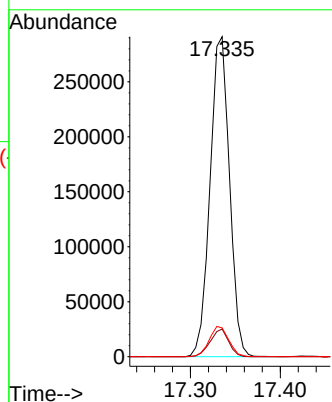
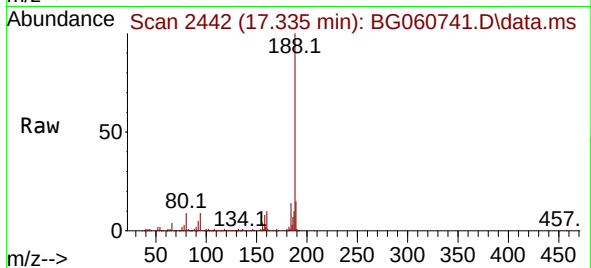
Tgt Ion:188 Resp: 437229

Ion Ratio Lower Upper

188 100

94 8.7 6.6 9.8

80 9.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 3167

Delta R.T. -0.009 min

Lab File: BG060741.D

Acq: 2 Apr 2024 17:18

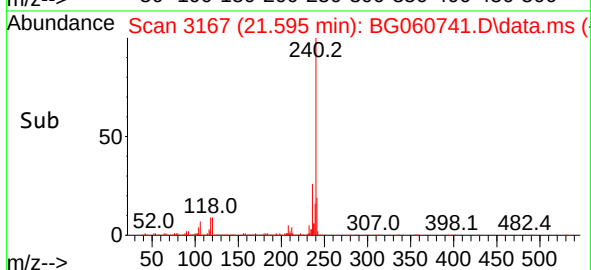
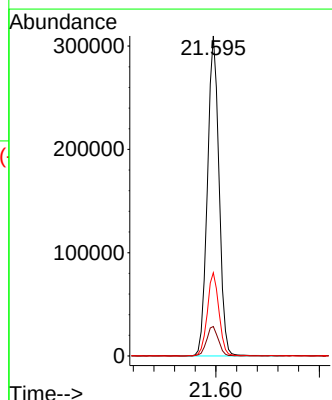
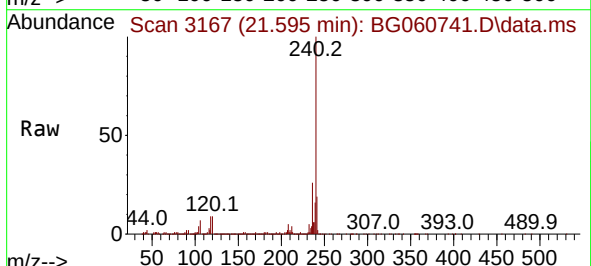
Tgt Ion:240 Resp: 480967

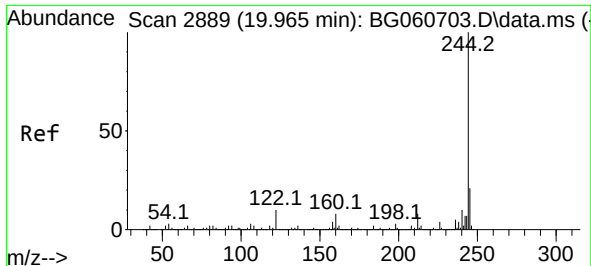
Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

236 26.0 20.7 31.1

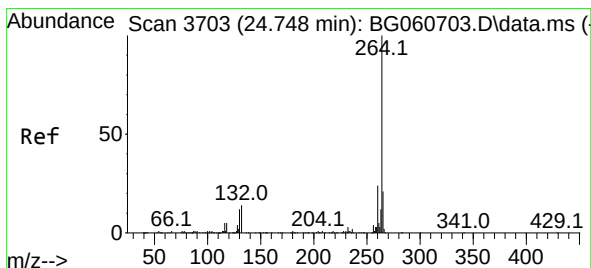
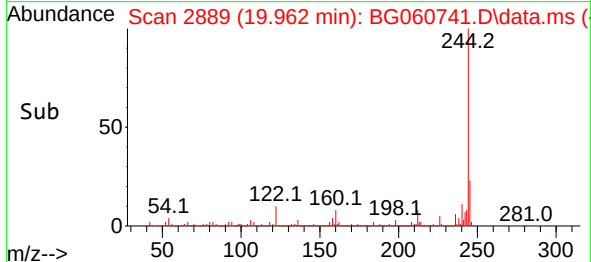
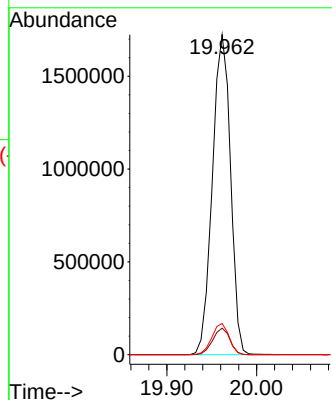
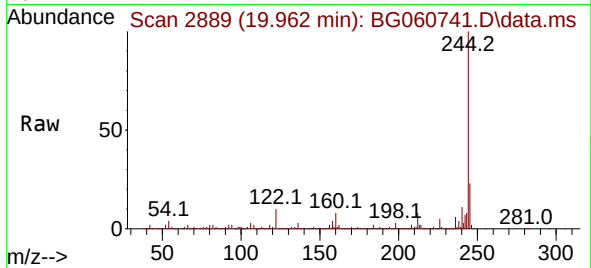




#79
 Terphenyl-d14
 Concen: 88.468 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060741.D
 Acq: 2 Apr 2024 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB159890TB

Tgt Ion:244 Resp: 2416481
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 9.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.738 min Scan# 3702
 Delta R.T. -0.009 min
 Lab File: BG060741.D
 Acq: 2 Apr 2024 17:18

Tgt Ion:264 Resp: 540095
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.5 16.9 25.3

