

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032924\
 Data File : BG060708.D
 Acq On : 29 Mar 2024 18:12
 Operator : MA/JU
 Sample : PB159778TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159778TB

Quant Time: Mar 30 02:28:58 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 02:24:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	52636	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	220113	20.000	ng	0.00
39) Acenaphthene-d10	14.587	164	163769	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	441552	20.000	ng	0.00
76) Chrysene-d12	21.596	240	460192	20.000	ng	0.00
86) Perylene-d12	24.739	264	525929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	446787	141.405	ng	0.00
7) Phenol-d6	7.113	99	614917	131.109	ng	0.00
23) Nitrobenzene-d5	9.111	82	342295	88.736	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	276032	148.481	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	940282	84.264	ng	0.00
79) Terphenyl-d14	19.963	244	2172689	83.134	ng	0.00

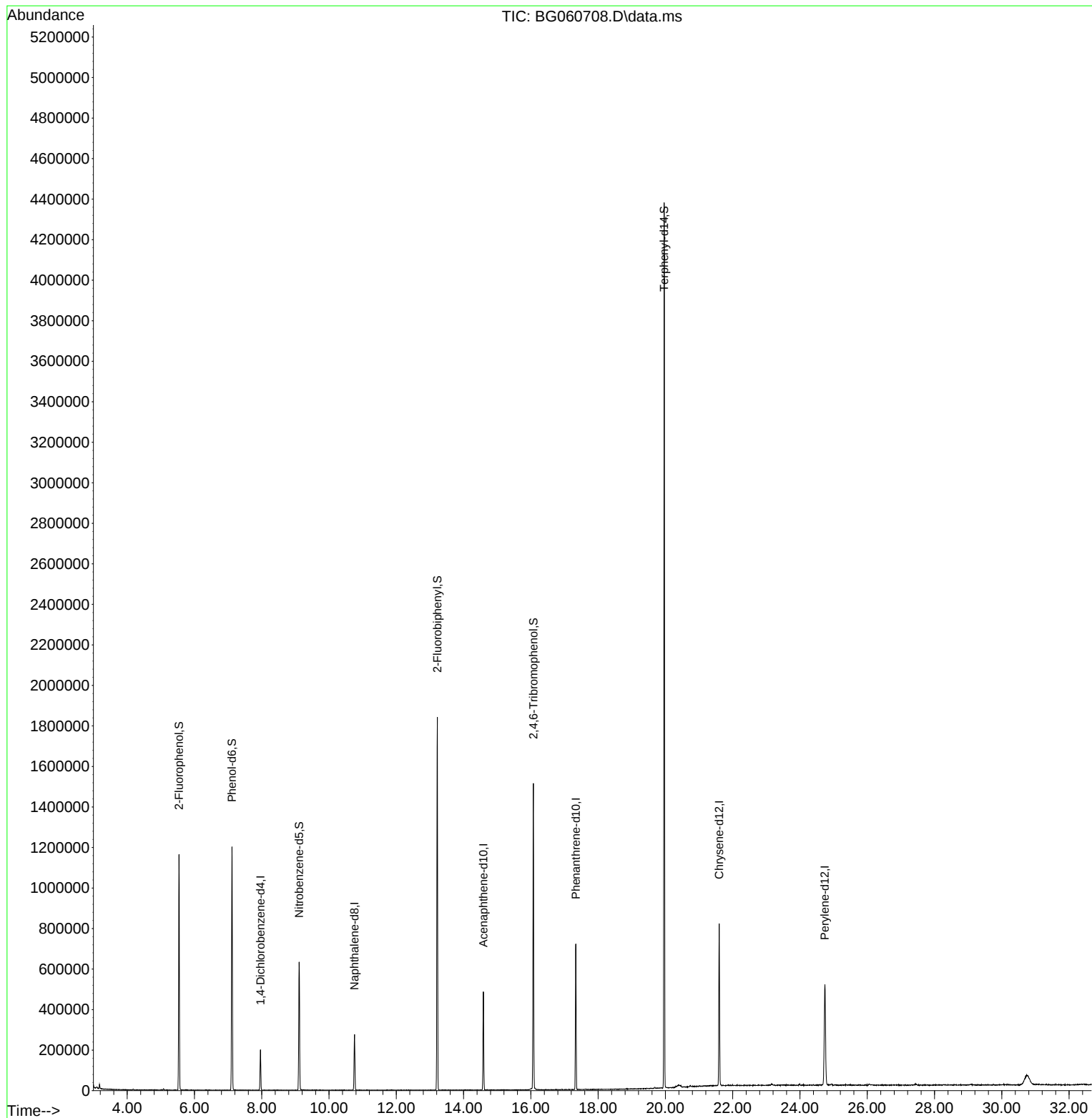
Target Compounds	Qvalue

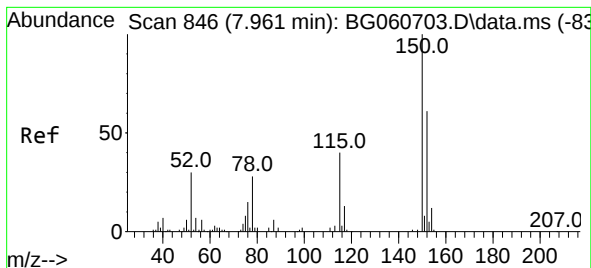
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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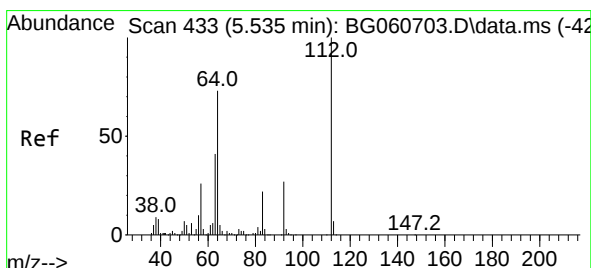
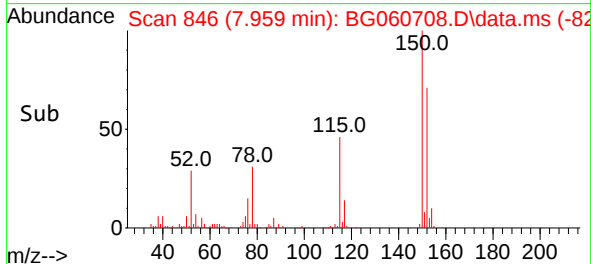
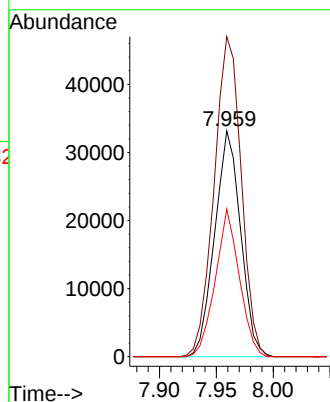
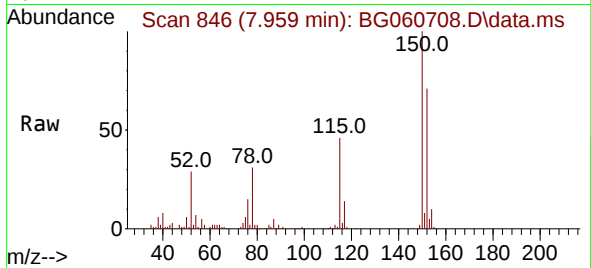




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

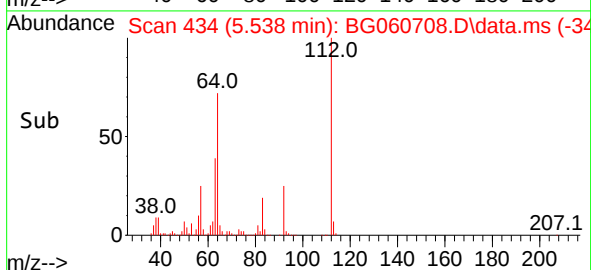
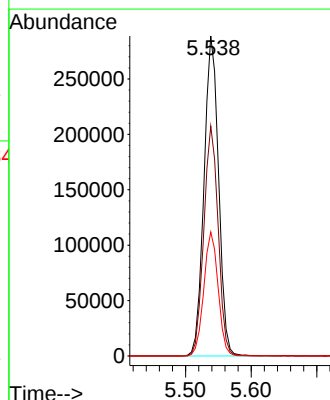
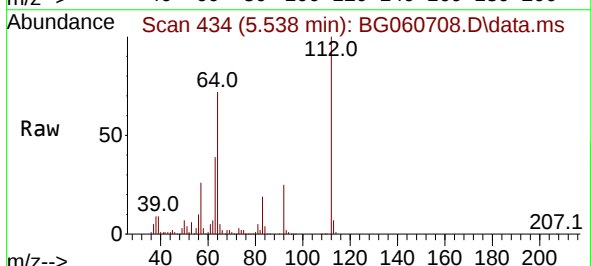
Instrument :
BNA_G
ClientSampleId :
PB159778TB

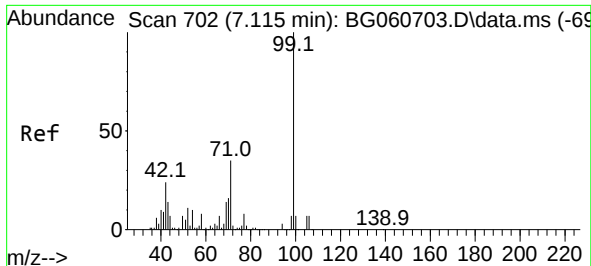
Tgt Ion:152 Resp: 52636
Ion Ratio Lower Upper
152 100
150 141.7 130.2 195.4
115 65.3 51.6 77.4



#5
2-Fluorophenol
Concen: 141.405 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:112 Resp: 446787
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 38.7 32.7 49.1

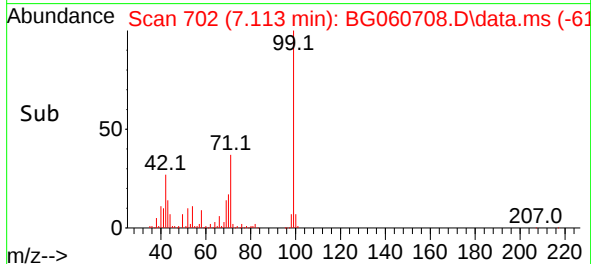
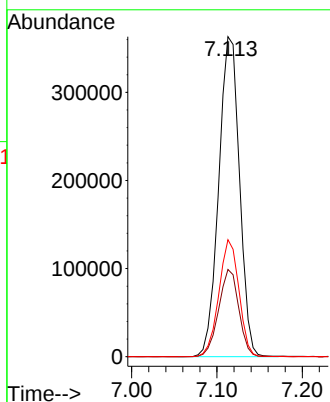
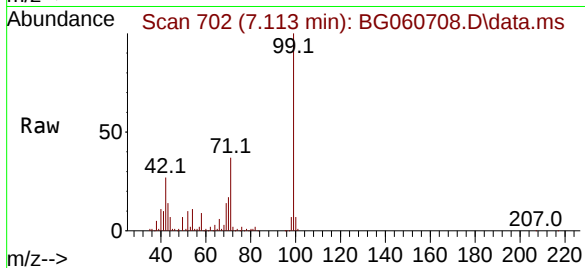




#7
Phenol-d6
Concen: 131.109 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

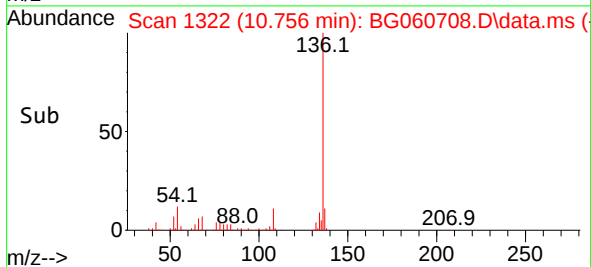
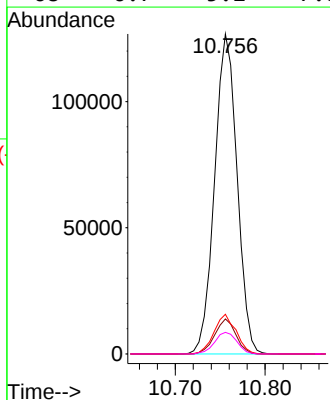
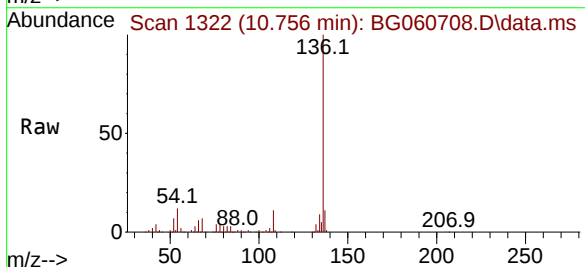
Instrument :
BNA_G
ClientSampleId :
PB159778TB

Tgt Ion: 99 Resp: 614917
Ion Ratio Lower Upper
99 100
42 27.2 19.4 29.2
71 36.5 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1322
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 136 Resp: 220113
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.4 10.2 15.2
68 6.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 88.736 ng

RT: 9.111 min Scan# 1042

Delta R.T. -0.002 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

Instrument :

BNA_G

ClientSampleId :

PB159778TB

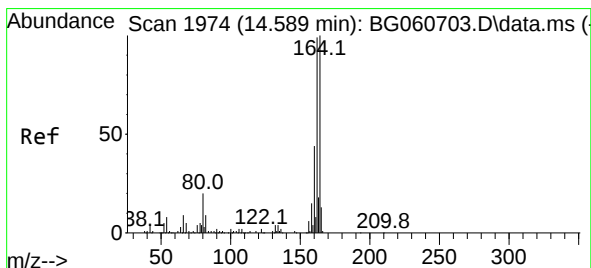
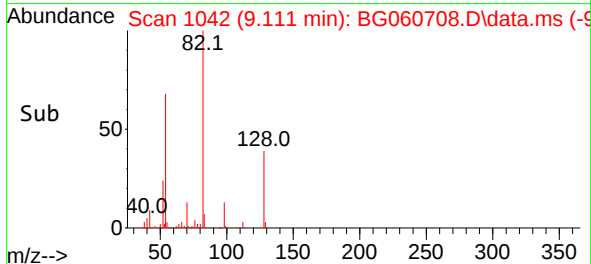
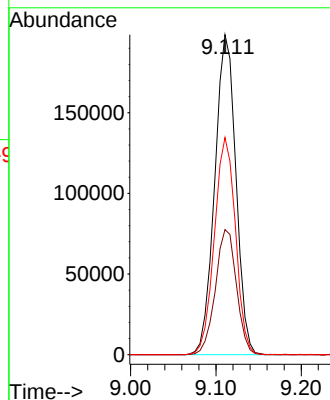
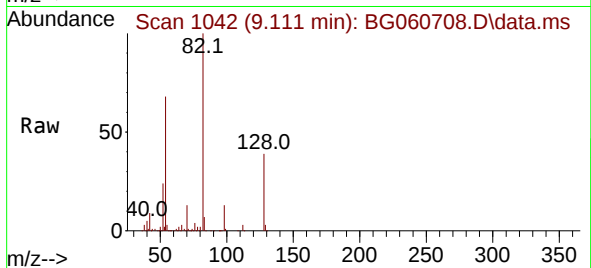
Tgt Ion: 82 Resp: 342295

Ion Ratio Lower Upper

82 100

128 39.1 31.2 46.8

54 67.9 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: BG060708.D

Acq: 29 Mar 2024 18:12

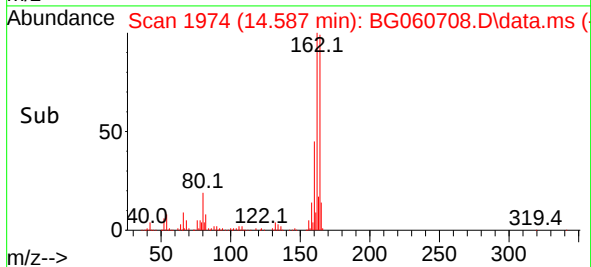
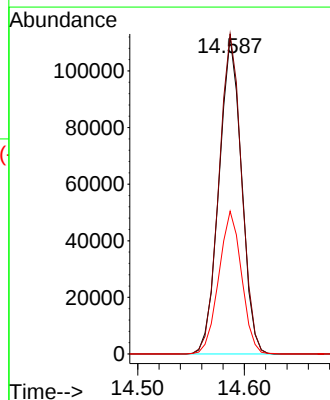
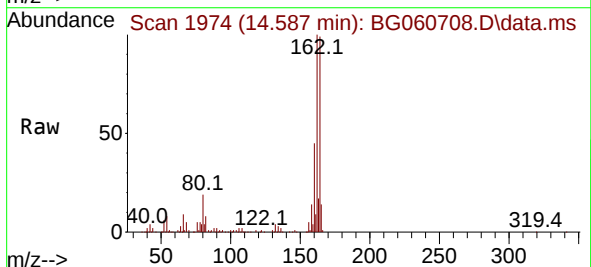
Tgt Ion:164 Resp: 163769

Ion Ratio Lower Upper

164 100

162 100.9 79.5 119.3

160 45.0 35.4 53.0

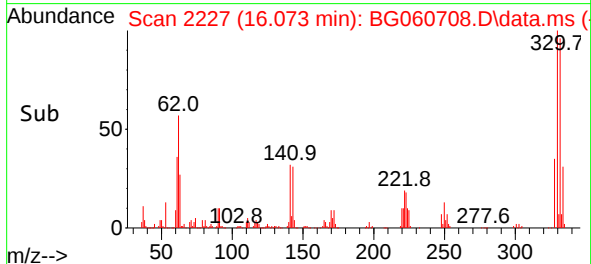
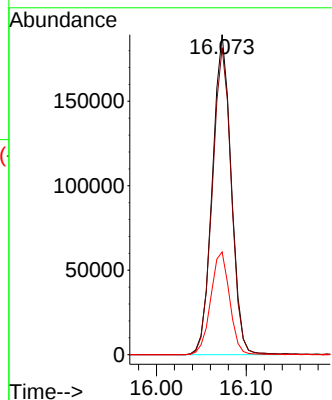
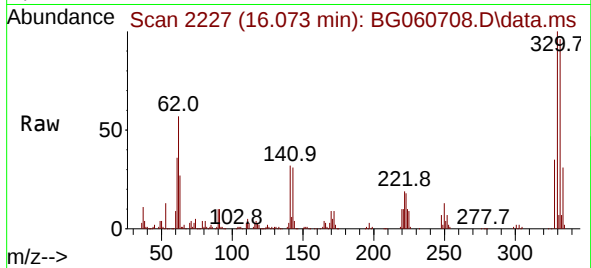




#42
2,4,6-Tribromophenol
Concen: 148.481 ng
RT: 16.073 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

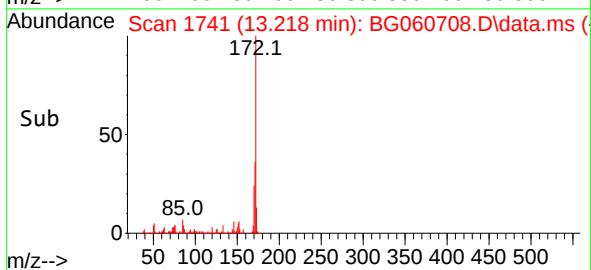
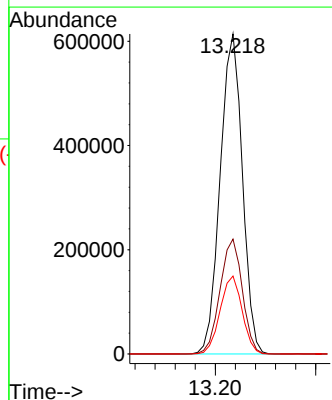
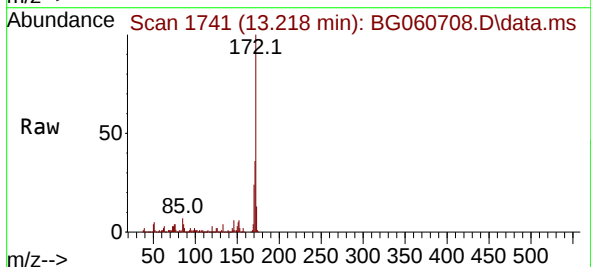
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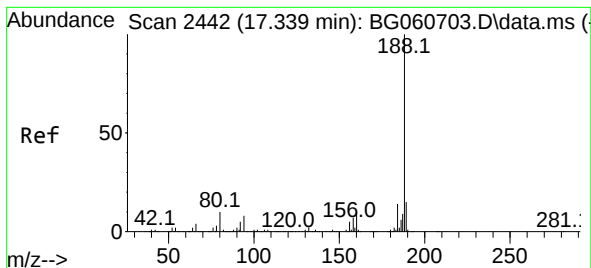
Tgt Ion:330 Resp: 276032
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 32.2 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 84.264 ng
RT: 13.218 min Scan# 1741
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:172 Resp: 940282
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.336 min Scan# 2442

Delta R.T. -0.002 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

Instrument :

BNA_G

ClientSampleId :

PB159778TB

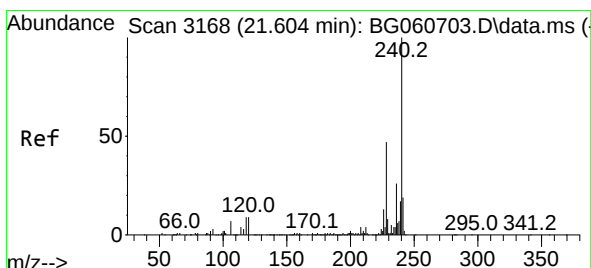
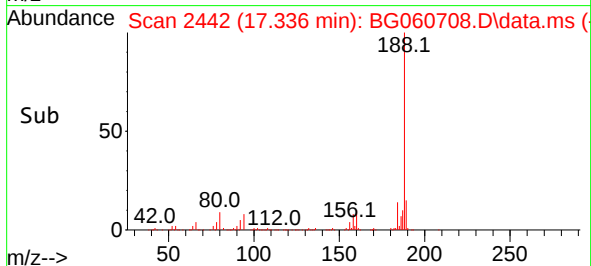
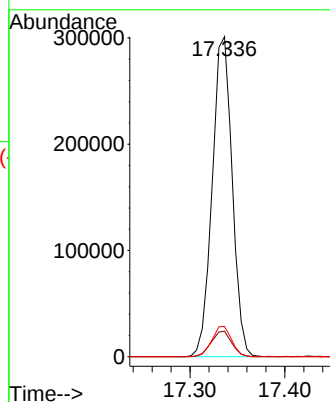
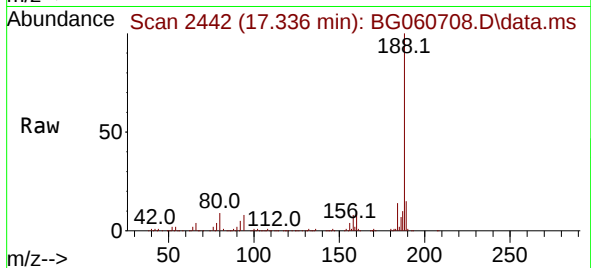
Tgt Ion:188 Resp: 441552

Ion Ratio Lower Upper

188 100

94 7.9 6.6 9.8

80 9.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.596 min Scan# 3167

Delta R.T. -0.008 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

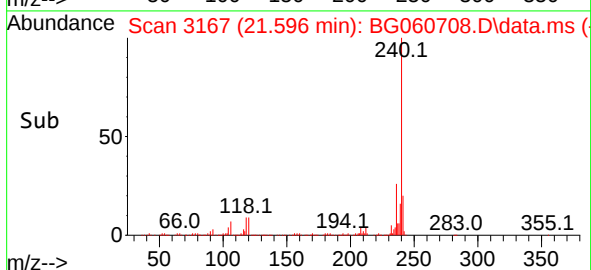
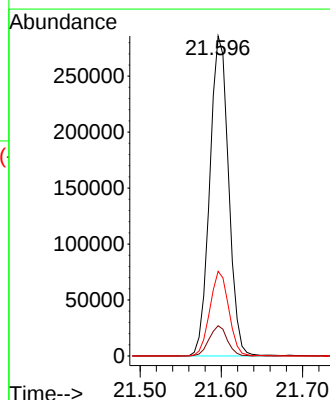
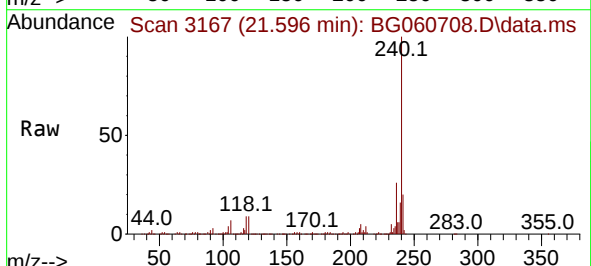
Tgt Ion:240 Resp: 460192

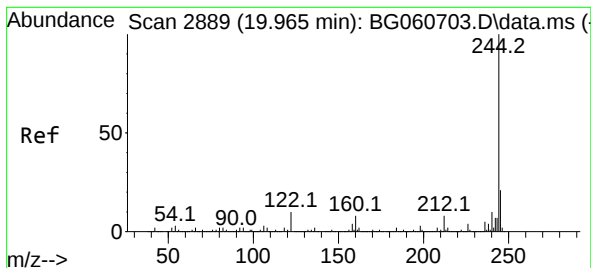
Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 83.134 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

Instrument :

BNA_G

ClientSampleId :

PB159778TB

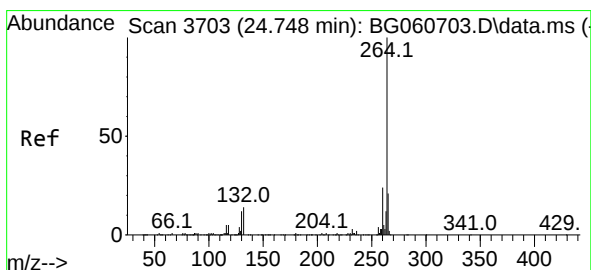
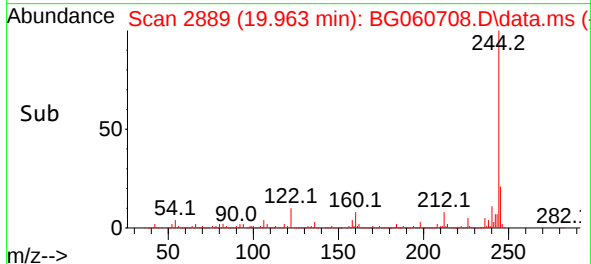
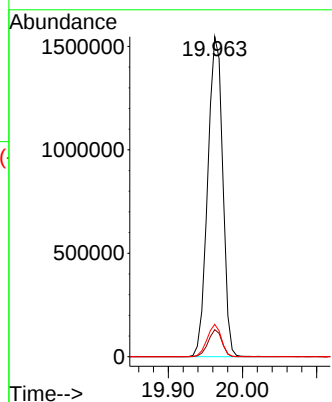
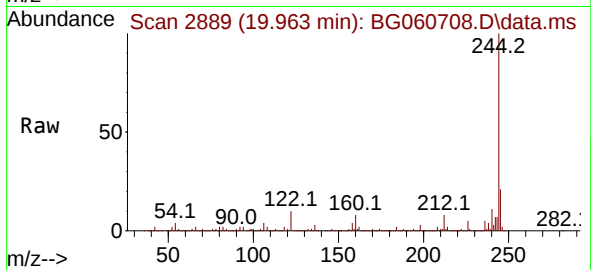
Tgt Ion:244 Resp: 2172689

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

122 10.1 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.739 min Scan# 3702

Delta R.T. -0.008 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

Tgt Ion:264 Resp: 525929

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.7 16.9 25.3

