

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060824.D
 Acq On : 8 Apr 2024 13:49
 Operator : MA/JU
 Sample : PB160037BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160037BL

Quant Time: Apr 08 14:23:46 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	7.948	152	44432	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	171587	20.000	ng	-0.01
39) Acenaphthene-d10	14.581	164	135889	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	377003	20.000	ng	-0.01
76) Chrysene-d12	21.585	240	410816	20.000	ng	-0.02
86) Perylene-d12	24.722	264	470833	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	351048	131.618	ng	0.00
7) Phenol-d6	7.113	99	465541	117.588	ng	0.00
23) Nitrobenzene-d5	9.099	82	297281	98.861	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	275548	178.630	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	784826	84.763	ng	-0.01
79) Terphenyl-d14	19.951	244	1907927	81.777	ng	-0.01

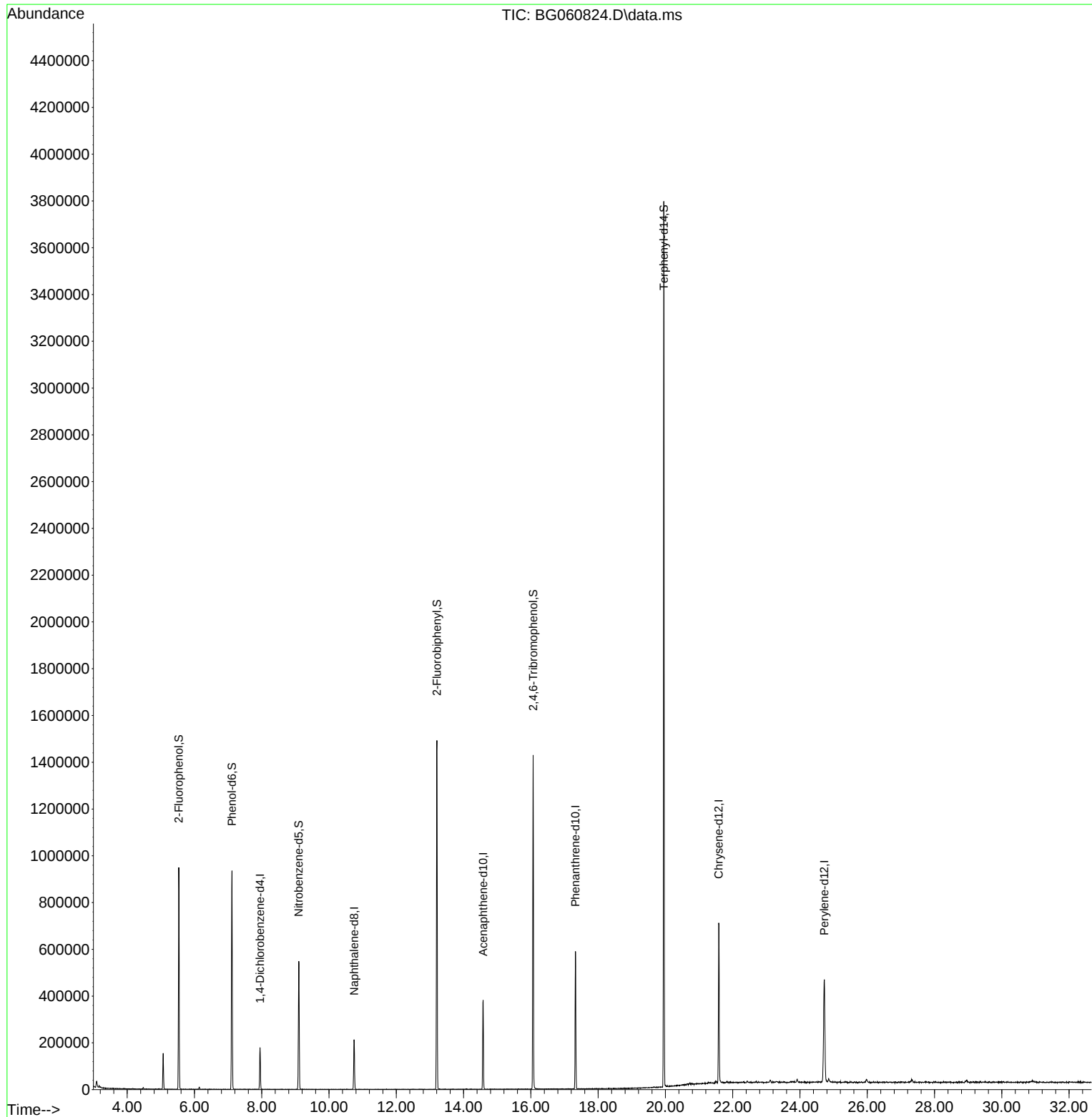
Target Compounds	Qvalue

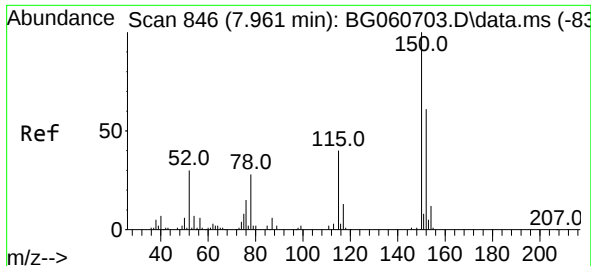
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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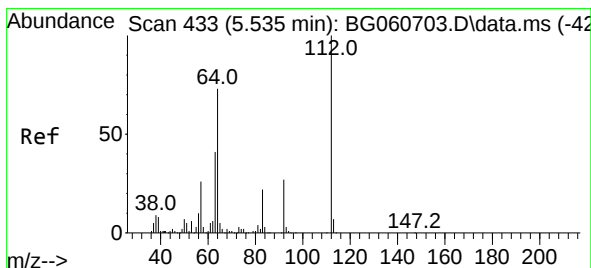
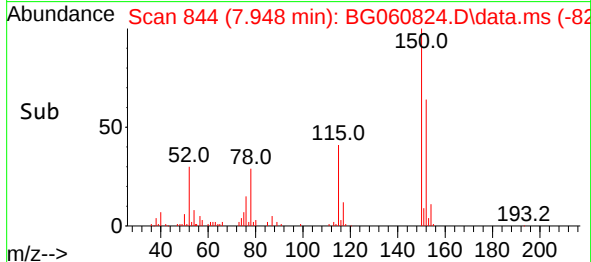
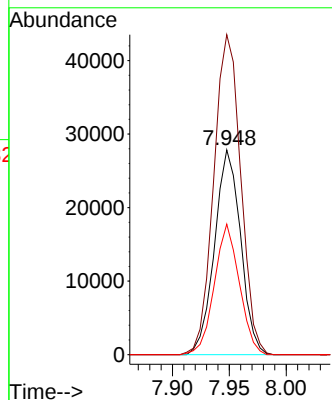
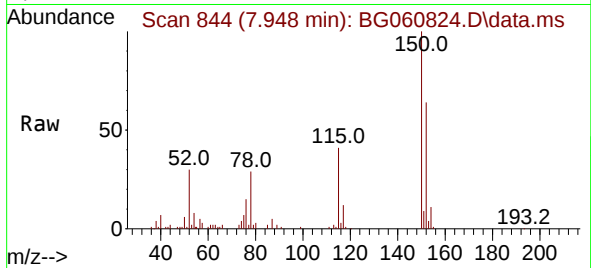




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 844
Delta R.T. -0.013 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

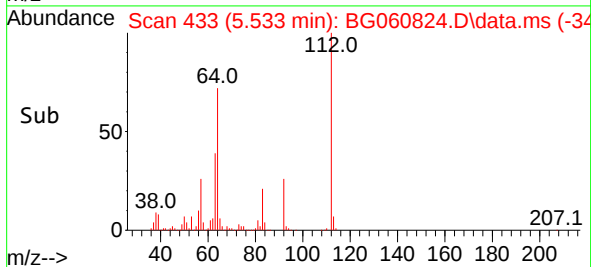
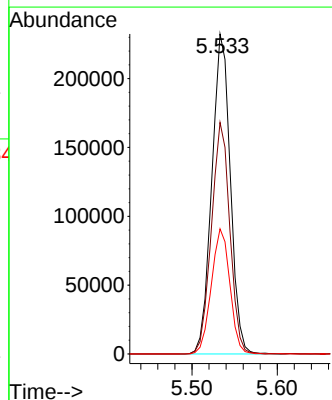
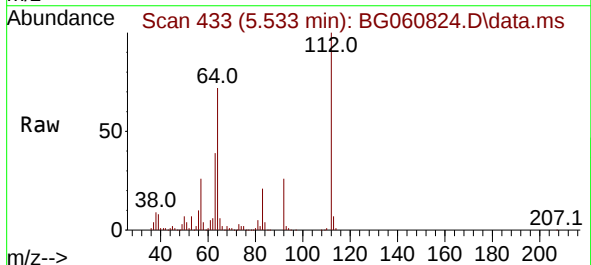
Instrument :
BNA_G
ClientSampleId :
PB160037BL

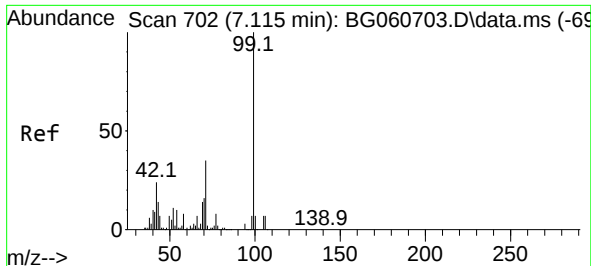
Tgt Ion:152 Resp: 44432
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.4
115 63.8 51.6 77.4



#5
2-Fluorophenol
Concen: 131.618 ng
RT: 5.533 min Scan# 433
Delta R.T. -0.002 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

Tgt Ion:112 Resp: 351048
Ion Ratio Lower Upper
112 100
64 72.3 58.4 87.6
63 39.1 32.7 49.1

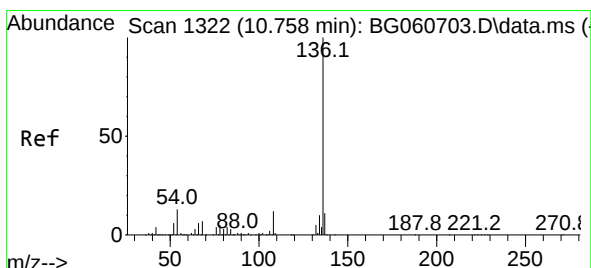
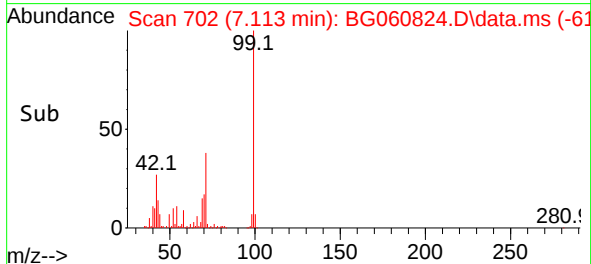
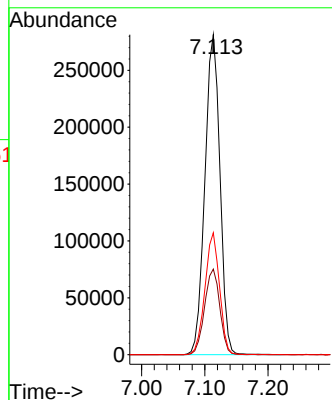
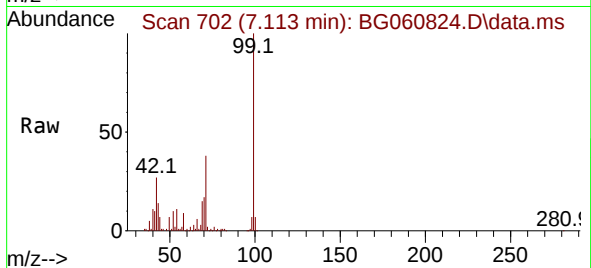




#7
Phenol-d6
Concen: 117.588 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

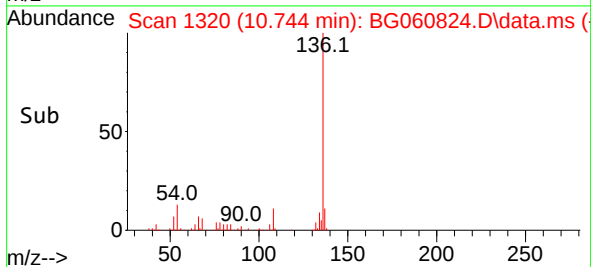
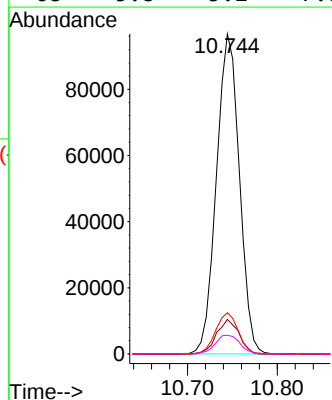
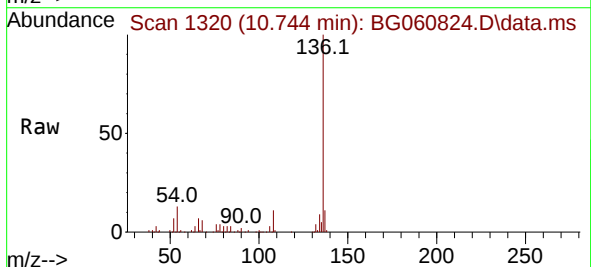
Instrument :
BNA_G
ClientSampleId :
PB160037BL

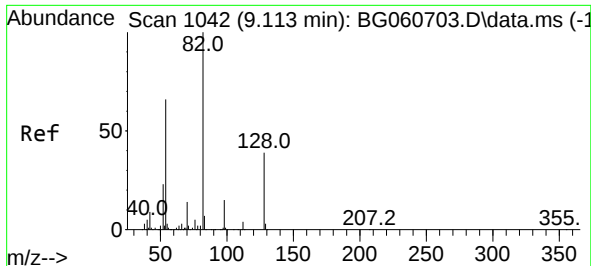
Tgt Ion: 99 Resp: 465541
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 38.1 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1320
Delta R.T. -0.014 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

Tgt Ion:136 Resp: 171587
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 12.9 10.2 15.2
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 98.861 ng

RT: 9.099 min Scan# 1040

Delta R.T. -0.014 min

Lab File: BG060824.D

Acq: 8 Apr 2024 13:49

Instrument :

BNA_G

ClientSampleId :

PB160037BL

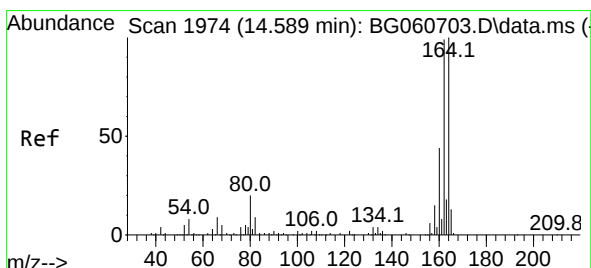
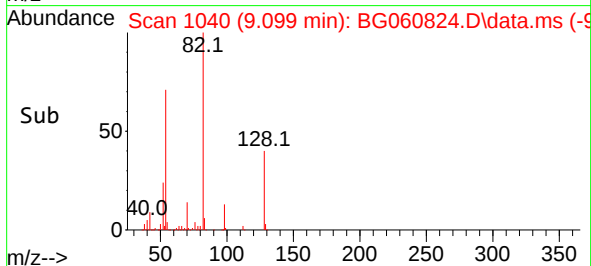
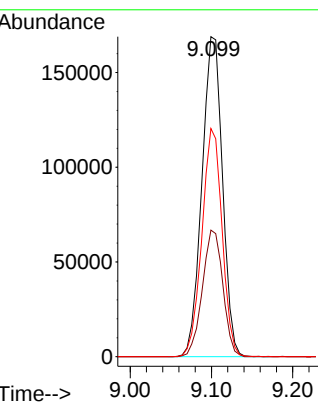
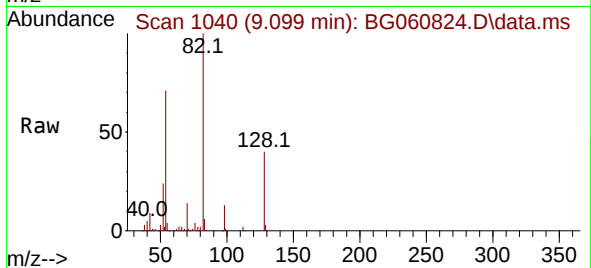
Tgt Ion: 82 Resp: 297281

Ion Ratio Lower Upper

82 100

128 39.5 31.2 46.8

54 71.3 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.581 min Scan# 1973

Delta R.T. -0.008 min

Lab File: BG060824.D

Acq: 8 Apr 2024 13:49

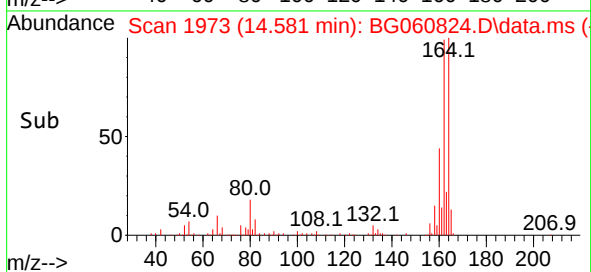
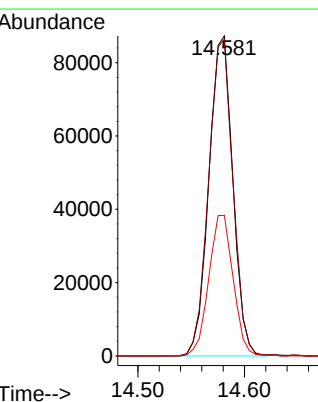
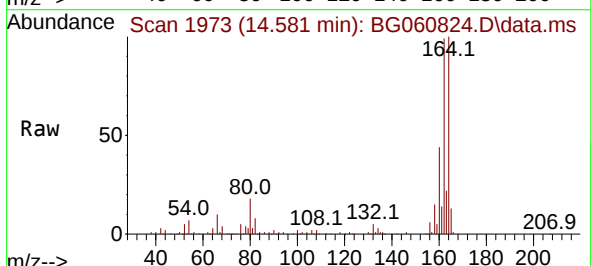
Tgt Ion:164 Resp: 135889

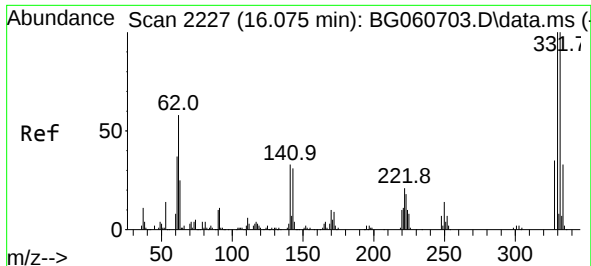
Ion Ratio Lower Upper

164 100

162 99.0 79.5 119.3

160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 178.630 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060824.D

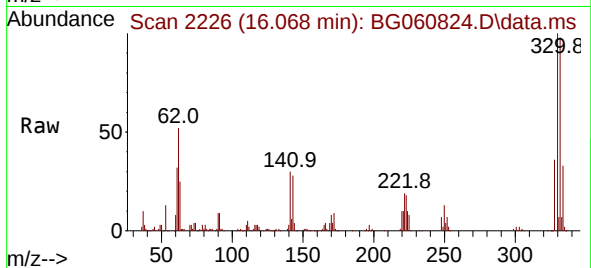
Acq: 8 Apr 2024 13:49

Instrument :

BNA_G

ClientSampleId :

PB160037BL



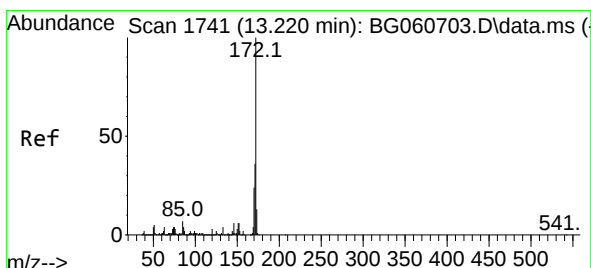
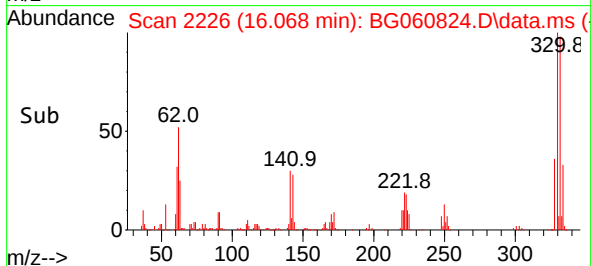
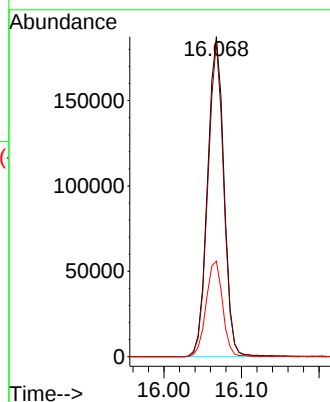
Tgt Ion:330 Resp: 275548

Ion Ratio Lower Upper

330 100

332 95.3 78.2 117.4

141 30.0 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 84.763 ng

RT: 13.206 min Scan# 1739

Delta R.T. -0.014 min

Lab File: BG060824.D

Acq: 8 Apr 2024 13:49

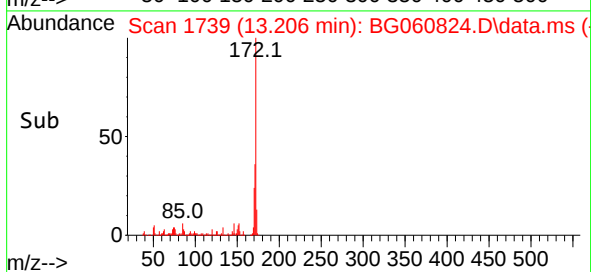
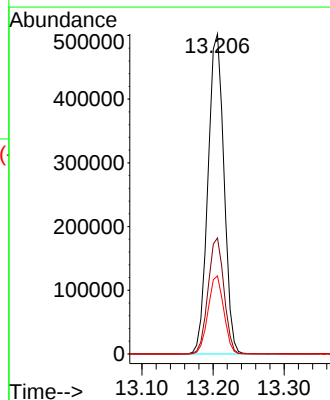
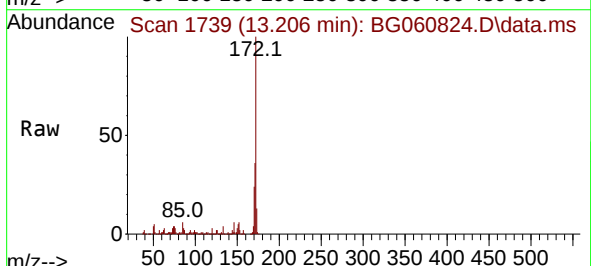
Tgt Ion:172 Resp: 784826

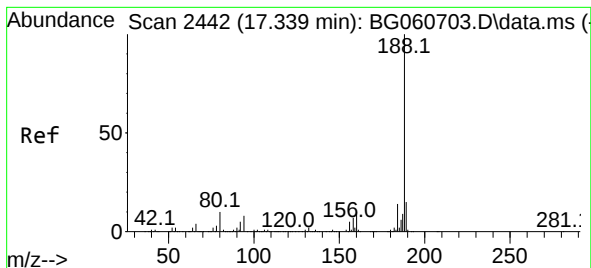
Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 2442

Delta R.T. -0.014 min

Lab File: BG060824.D

Acq: 8 Apr 2024 13:49

Instrument :

BNA_G

ClientSampleId :

PB160037BL

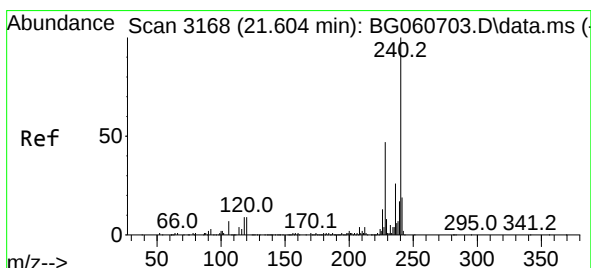
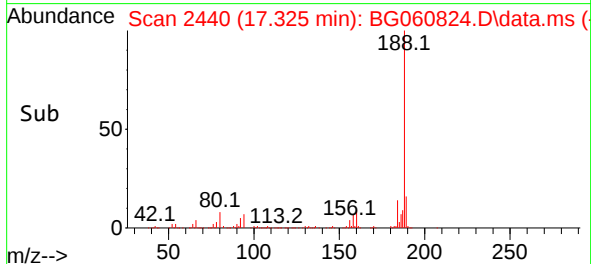
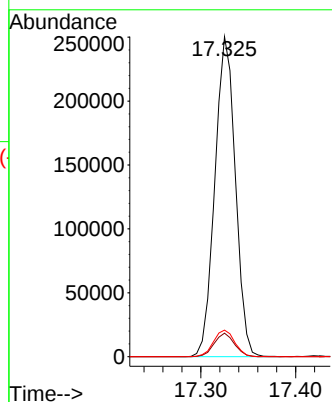
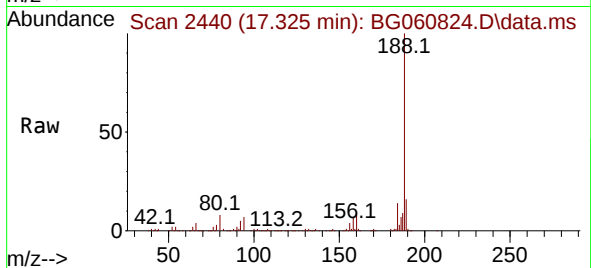
Tgt Ion:188 Resp: 377003

Ion Ratio Lower Upper

188 100

94 7.3 6.6 9.8

80 8.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.585 min Scan# 3165

Delta R.T. -0.020 min

Lab File: BG060824.D

Acq: 8 Apr 2024 13:49

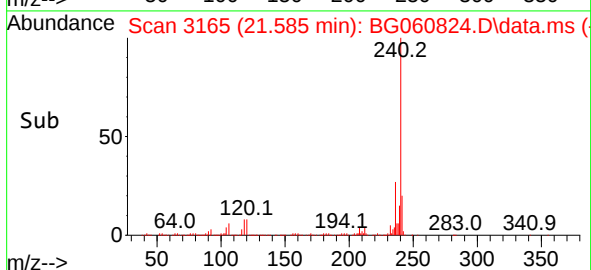
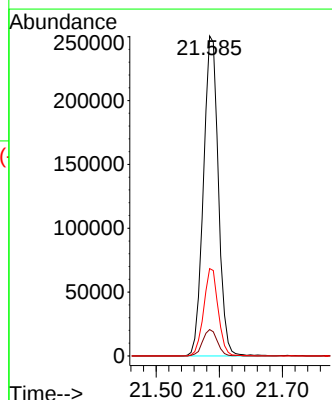
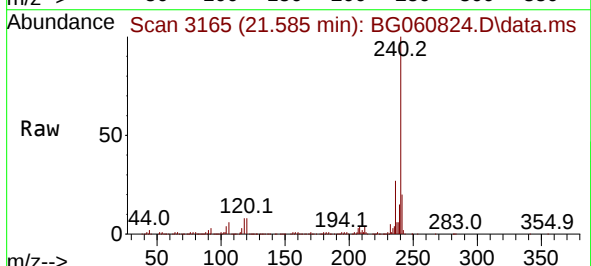
Tgt Ion:240 Resp: 410816

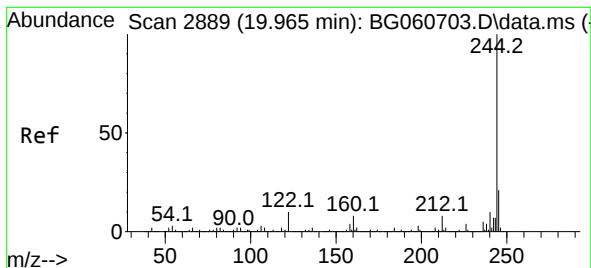
Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

236 27.3 20.7 31.1





#79

Terphenyl-d14

Concen: 81.777 ng

RT: 19.951 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG060824.D

Acq: 8 Apr 2024 13:49

Instrument :

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PB160037BL

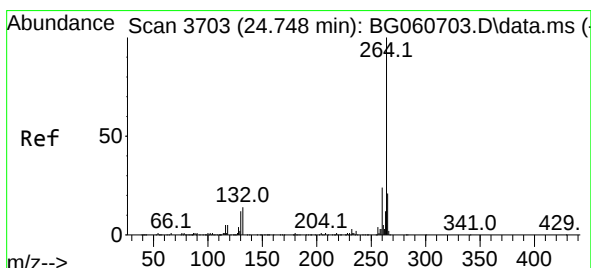
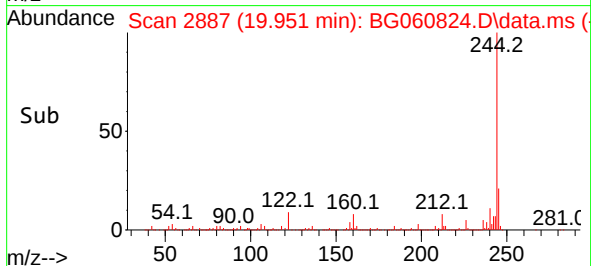
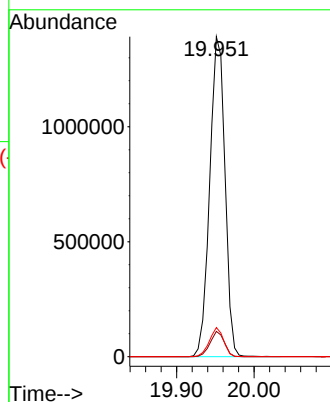
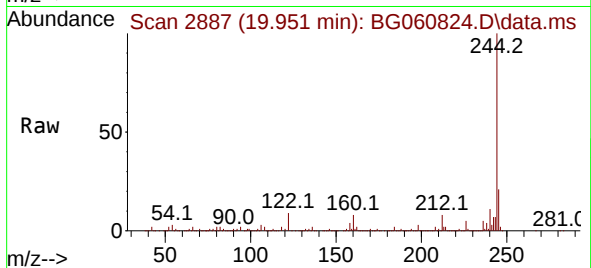
Tgt Ion:244 Resp: 1907927

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 9.1 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.722 min Scan# 3699

Delta R.T. -0.026 min

Lab File: BG060824.D

Acq: 8 Apr 2024 13:49

Tgt Ion:264 Resp: 470833

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 22.1 16.9 25.3

