

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060847.D
 Acq On : 10 Apr 2024 10:18
 Operator : MA/JU
 Sample : PB160005BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160005BL

Quant Time: Apr 10 11:04:08 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	7.947	152	69335	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	260459	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	201021	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	571063	20.000	ng	-0.01
76) Chrysene-d12	21.578	240	582400	20.000	ng	-0.03
86) Perylene-d12	24.710	264	670741	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	512145	123.051	ng	0.00
7) Phenol-d6	7.113	99	726456	117.586	ng	0.00
23) Nitrobenzene-d5	9.098	82	452464	99.126	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	402984	176.599	ng	-0.01
45) 2-Fluorobiphenyl	13.200	172	1160777	84.747	ng	-0.02
79) Terphenyl-d14	19.950	244	2503274	75.684	ng	-0.01

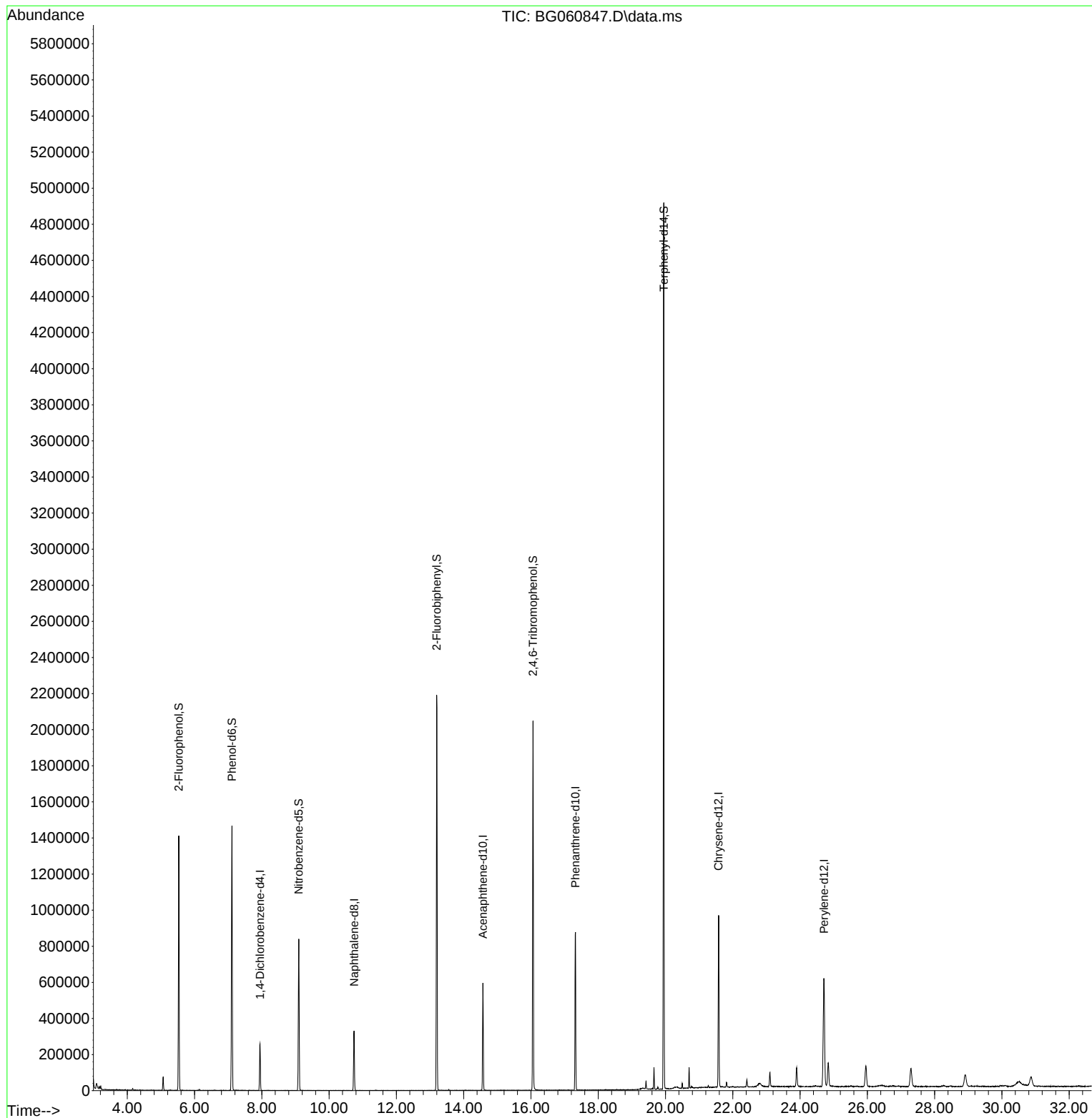
Target Compounds	Qvalue

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

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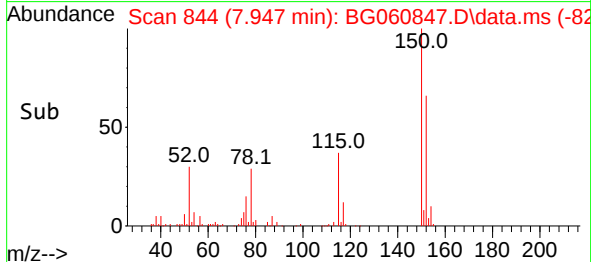
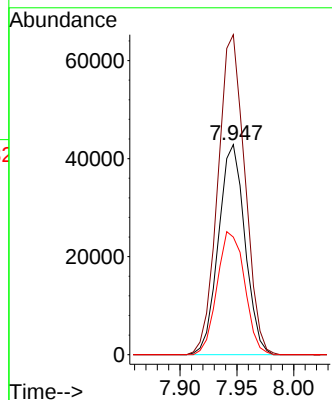
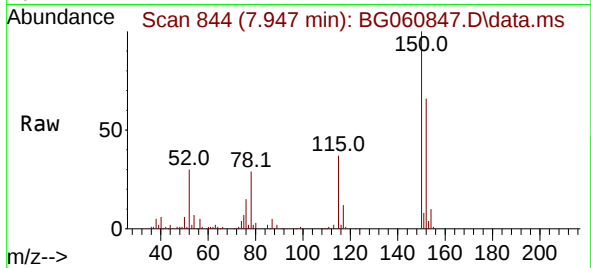




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.947 min Scan# 846
 Delta R.T. -0.014 min
 Lab File: BG060847.D
 Acq: 10 Apr 2024 10:18

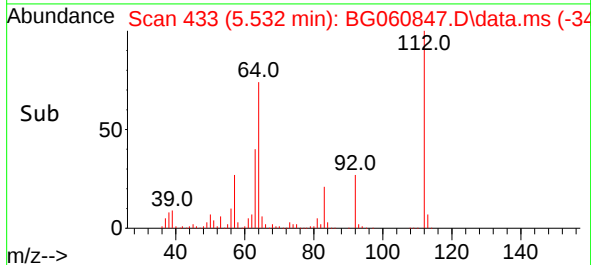
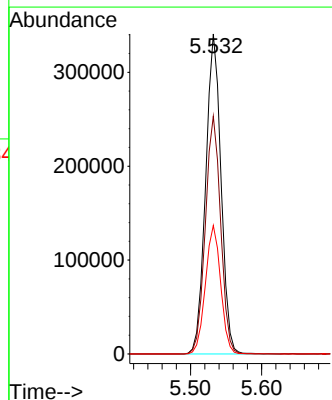
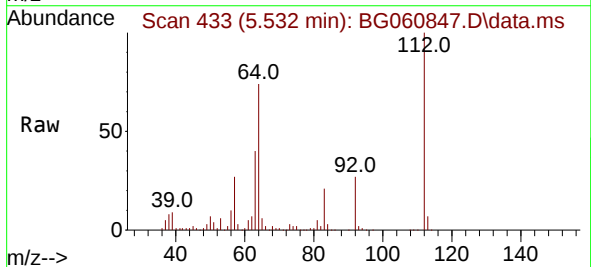
Instrument :
 BNA_G
 ClientSampleId :
 PB160005BL

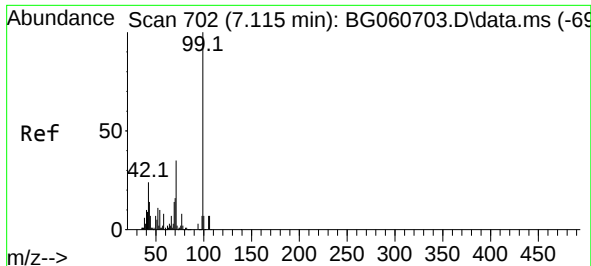
Tgt Ion:152 Resp: 69335
 Ion Ratio Lower Upper
 152 100
 150 152.3 130.2 195.4
 115 56.0 51.6 77.4



#5
 2-Fluorophenol
 Concen: 123.051 ng
 RT: 5.532 min Scan# 433
 Delta R.T. -0.003 min
 Lab File: BG060847.D
 Acq: 10 Apr 2024 10:18

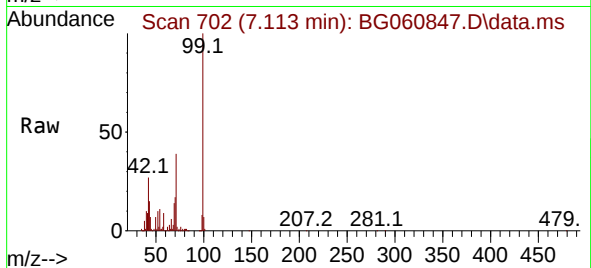
Tgt Ion:112 Resp: 512145
 Ion Ratio Lower Upper
 112 100
 64 74.3 58.4 87.6
 63 40.1 32.7 49.1



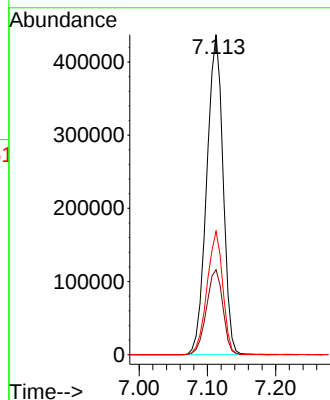
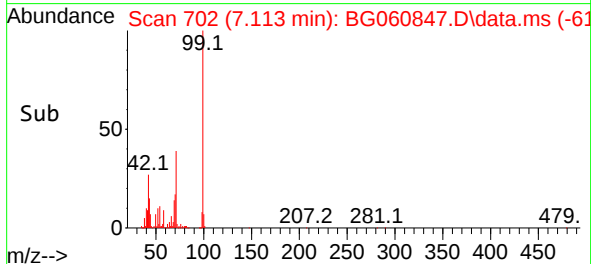


#7
Phenol-d6
Concen: 117.586 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060847.D
Acq: 10 Apr 2024 10:18

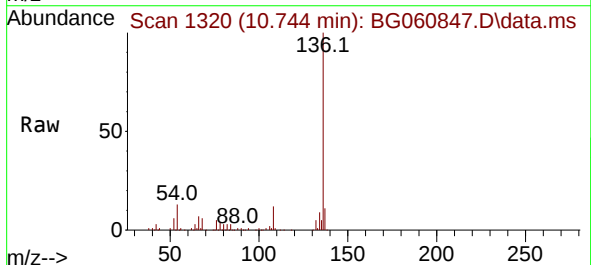
Instrument :
BNA_G
ClientSampleId :
PB160005BL



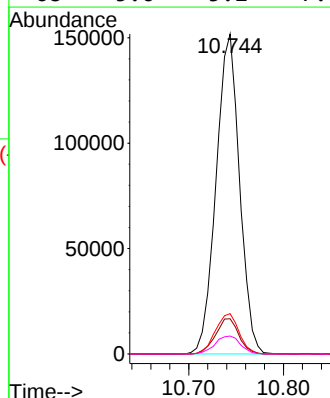
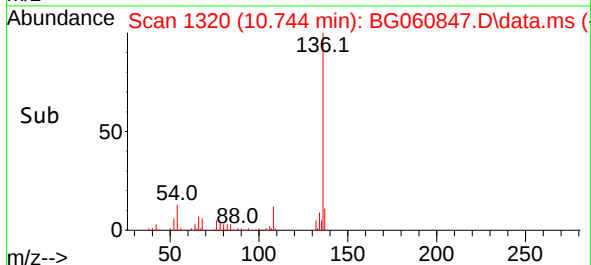
Tgt Ion: 99 Resp: 726456
Ion Ratio Lower Upper
99 100
42 26.5 19.4 29.2
71 38.5 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1320
Delta R.T. -0.014 min
Lab File: BG060847.D
Acq: 10 Apr 2024 10:18



Tgt Ion:136 Resp: 260459
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.6 10.2 15.2
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 99.126 ng

RT: 9.098 min Scan# 1040

Delta R.T. -0.015 min

Lab File: BG060847.D

Acq: 10 Apr 2024 10:18

Instrument :

BNA_G

ClientSampleId :

PB160005BL

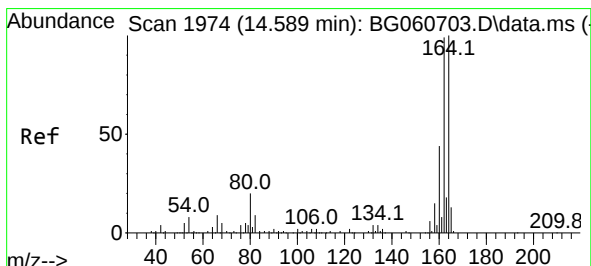
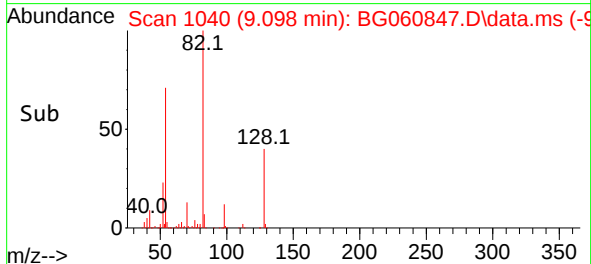
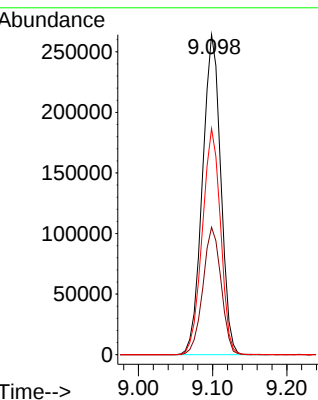
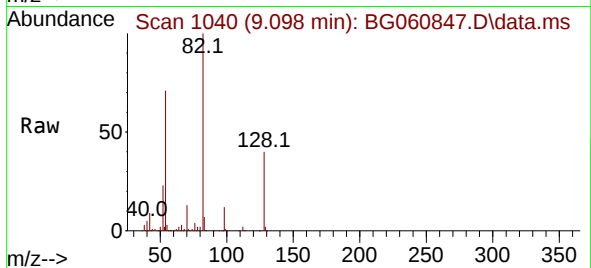
Tgt Ion: 82 Resp: 452464

Ion Ratio Lower Upper

82 100

128 39.8 31.2 46.8

54 70.6 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1972

Delta R.T. -0.015 min

Lab File: BG060847.D

Acq: 10 Apr 2024 10:18

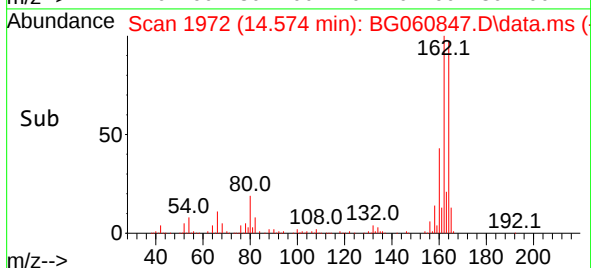
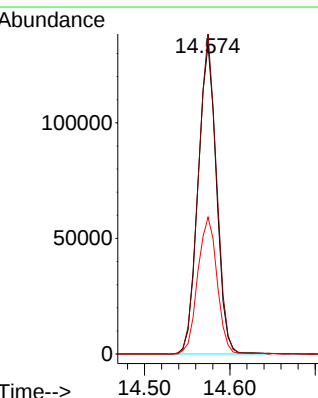
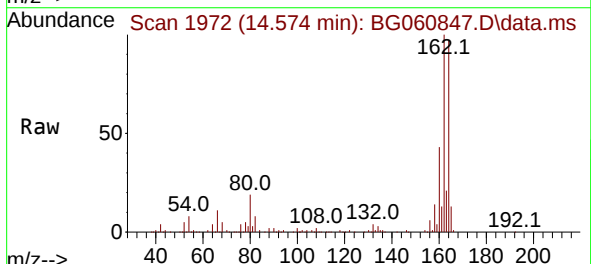
Tgt Ion:164 Resp: 201021

Ion Ratio Lower Upper

164 100

162 103.5 79.5 119.3

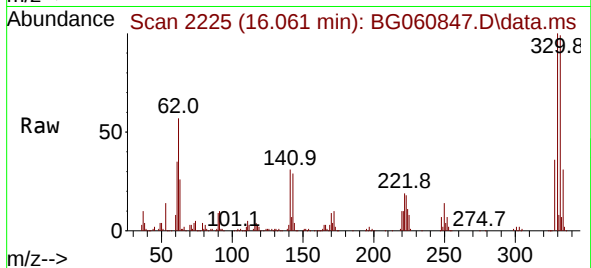
160 44.3 35.4 53.0



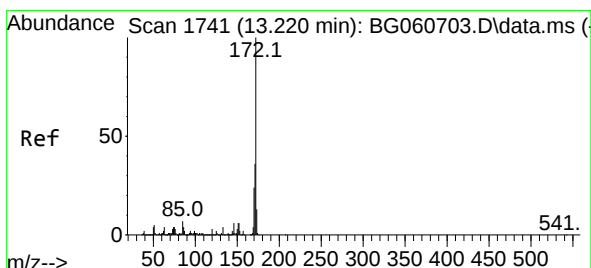
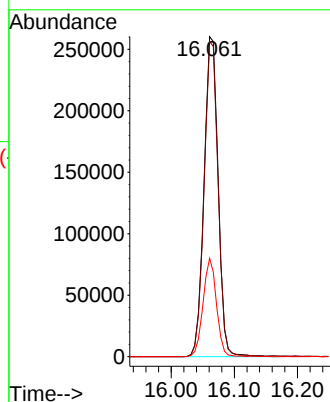
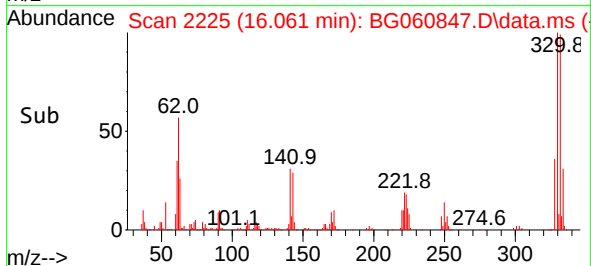


#42
2,4,6-Tribromophenol
Concen: 176.599 ng
RT: 16.061 min Scan# 211
Delta R.T. -0.015 min
Lab File: BG060847.D
Acq: 10 Apr 2024 10:18

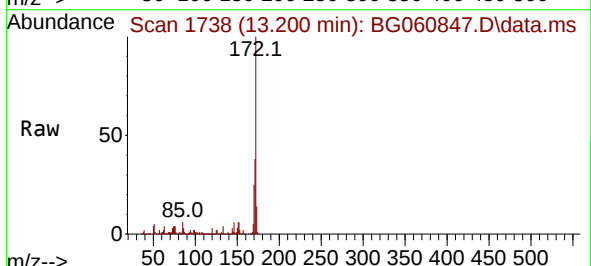
Instrument :
BNA_G
ClientSampleId :
PB160005BL



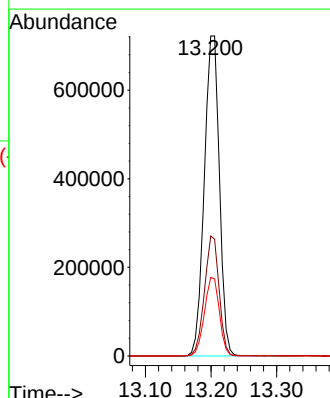
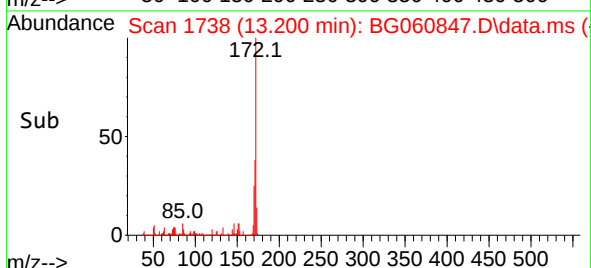
Tgt Ion:330 Resp: 402984
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 29.2 27.0 40.6

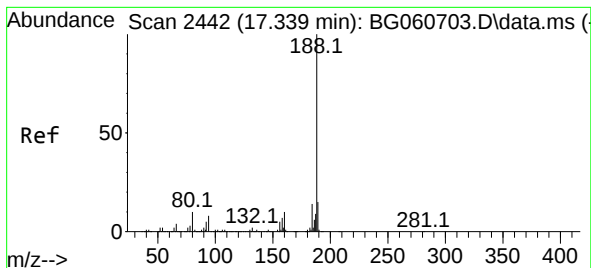


#45
2-Fluorobiphenyl
Concen: 84.747 ng
RT: 13.200 min Scan# 1738
Delta R.T. -0.020 min
Lab File: BG060847.D
Acq: 10 Apr 2024 10:18



Tgt Ion:172 Resp: 1160777
Ion Ratio Lower Upper
172 100
171 37.5 28.7 43.1
170 24.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2440

Delta R.T. -0.015 min

Lab File: BG060847.D

Acq: 10 Apr 2024 10:18

Instrument :

BNA_G

ClientSampleId :

PB160005BL

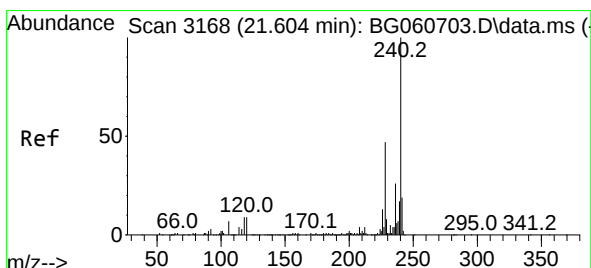
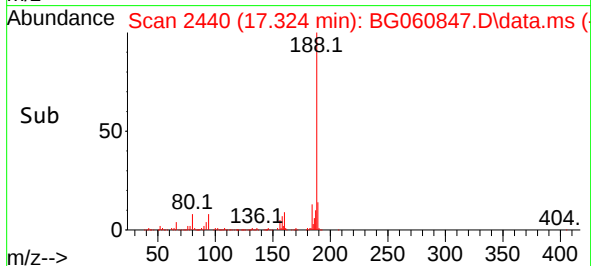
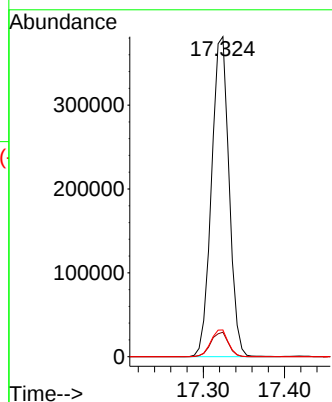
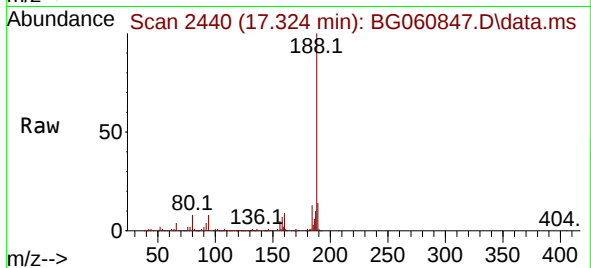
Tgt Ion:188 Resp: 571063

Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 8.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3164

Delta R.T. -0.026 min

Lab File: BG060847.D

Acq: 10 Apr 2024 10:18

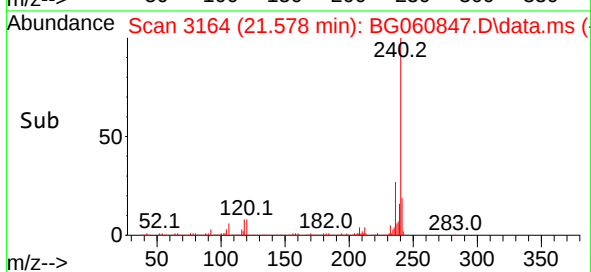
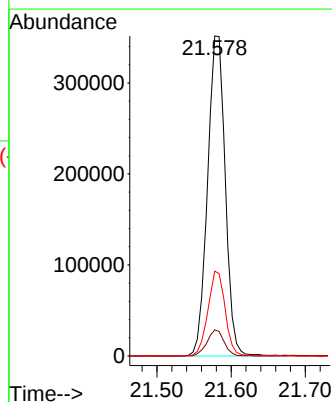
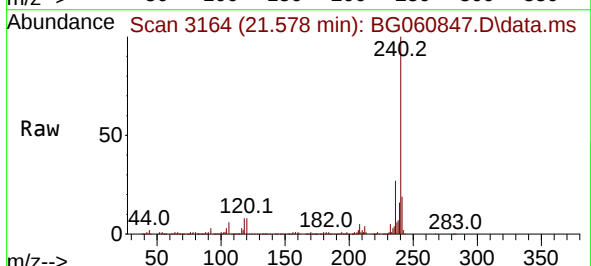
Tgt Ion:240 Resp: 582400

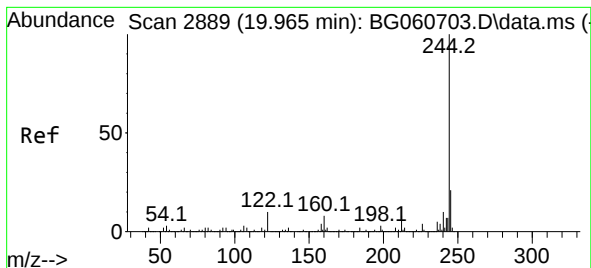
Ion Ratio Lower Upper

240 100

120 8.1 7.1 10.7

236 26.5 20.7 31.1





#79

Terphenyl-d14

Concen: 75.684 ng

RT: 19.950 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG060847.D

Acq: 10 Apr 2024 10:18

Instrument :

BNA_G

ClientSampleId :

PB160005BL

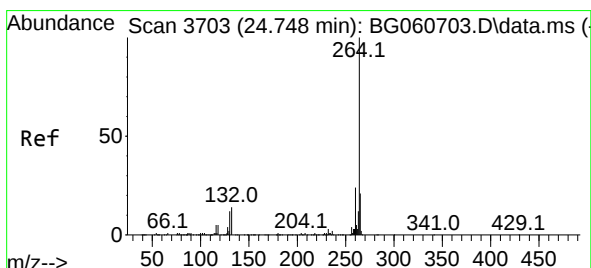
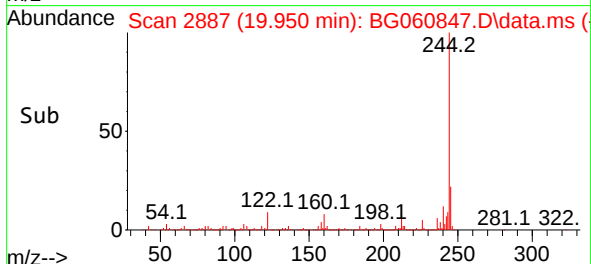
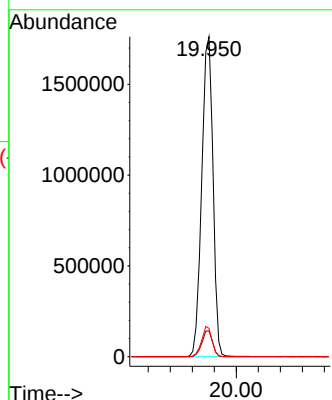
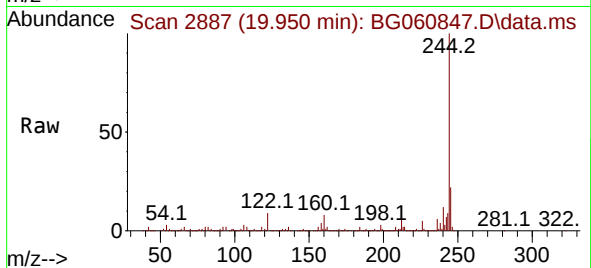
Tgt Ion:244 Resp: 2503274

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 8.9 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.710 min Scan# 3697

Delta R.T. -0.038 min

Lab File: BG060847.D

Acq: 10 Apr 2024 10:18

Tgt Ion:264 Resp: 670741

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.8 16.9 25.3

