

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060065.D
 Acq On : 18 Dec 2023 14:06
 Operator : MA/JU
 Sample : PB157730TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157730TB

Quant Time: Dec 18 14:47:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	66729	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	248835	20.000	ng	0.00
39) Acenaphthene-d10	14.594	164	209199	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	640327	20.000	ng	# 0.00
76) Chrysene-d12	21.615	240	732574	20.000	ng	# 0.00
86) Perylene-d12	24.811	264	835475	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	507555	130.207	ng	0.01
7) Phenol-d6	7.120	99	716439	130.660	ng	0.01
23) Nitrobenzene-d5	9.118	82	488776	89.193	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	742768	152.353	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1626326	95.146	ng	0.00
79) Terphenyl-d14	19.970	244	3814038	95.053	ng	0.00

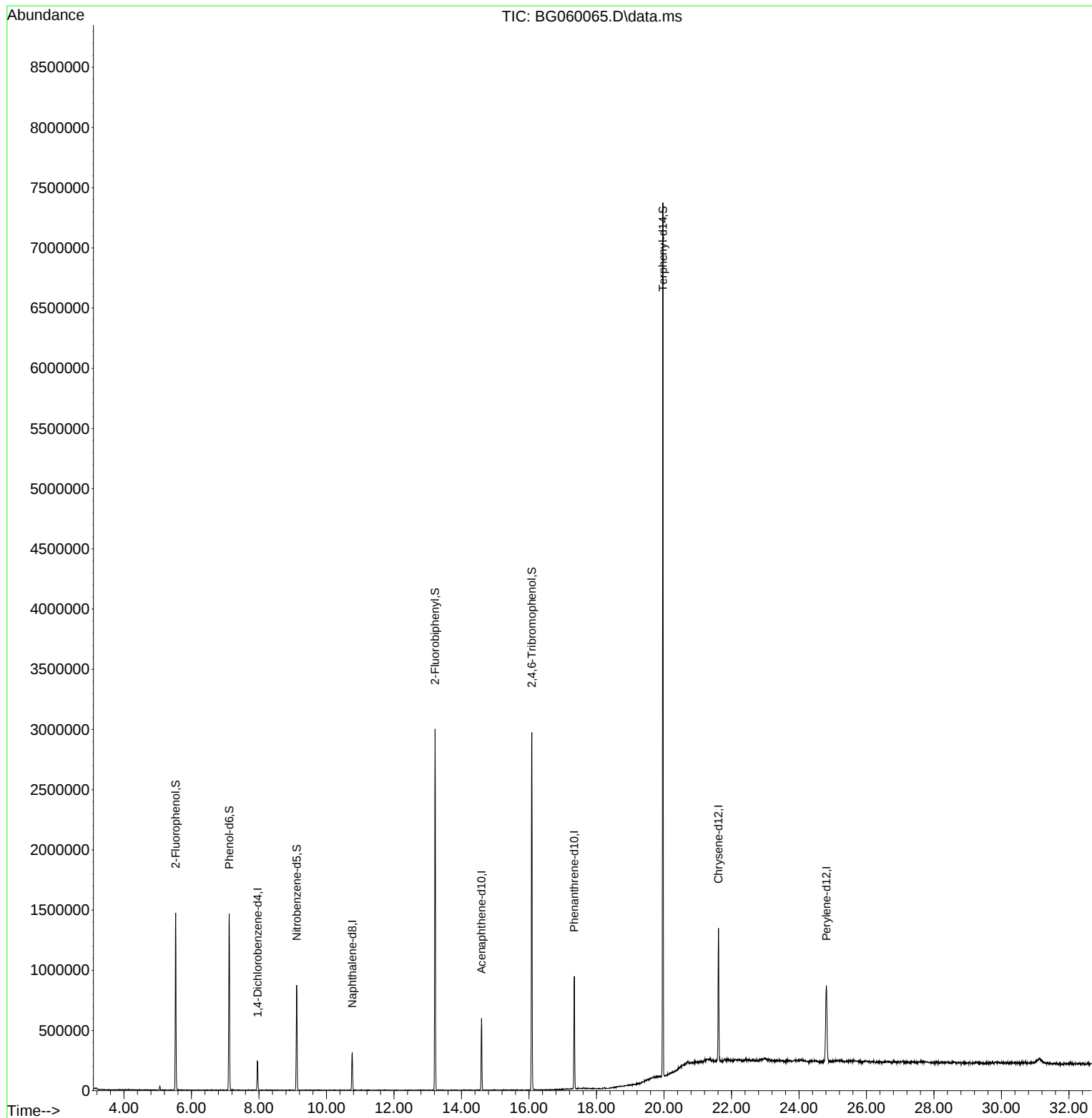
Target Compounds	Qvalue

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

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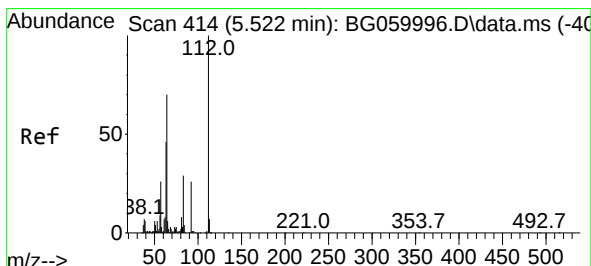
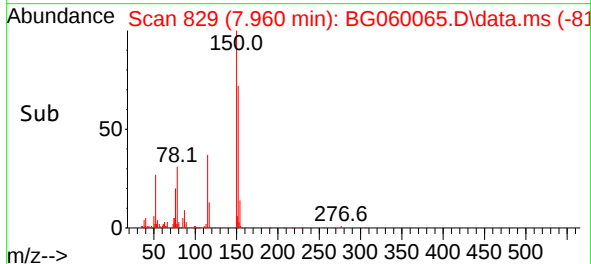
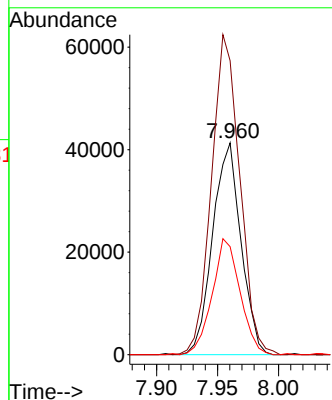
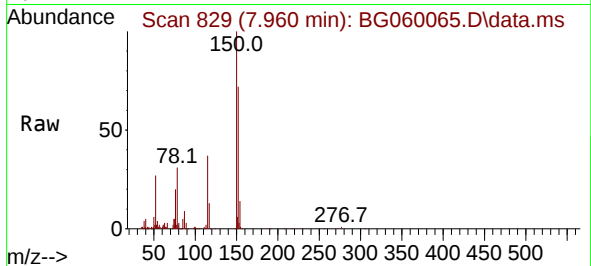




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.960 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

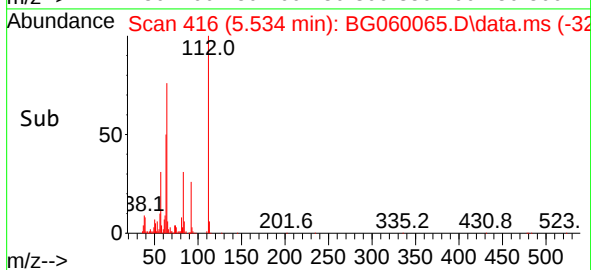
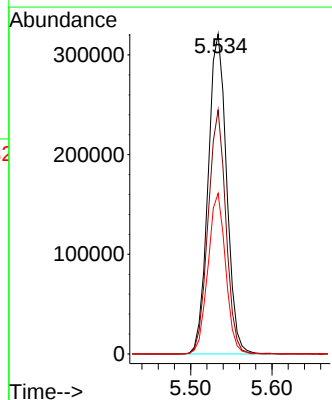
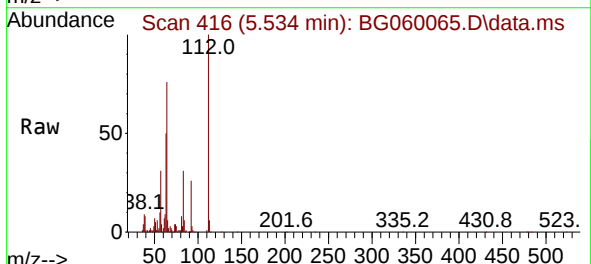
Instrument :
BNA_G
ClientSampleId :
PB157730TB

Tgt Ion:152 Resp: 66729
Ion Ratio Lower Upper
152 100
150 138.8 127.0 190.6
115 51.0 45.7 68.5



#5
2-Fluorophenol
Concen: 130.207 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.012 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:112 Resp: 507555
Ion Ratio Lower Upper
112 100
64 76.2 55.9 83.9
63 50.2 36.5 54.7

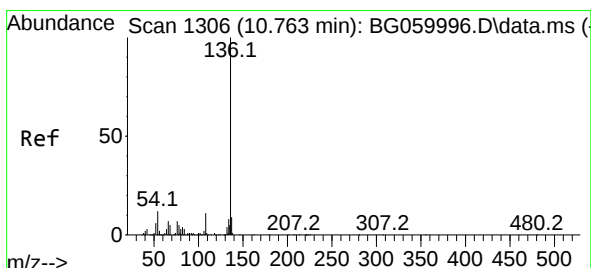
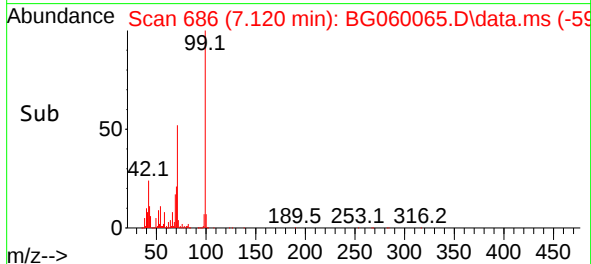
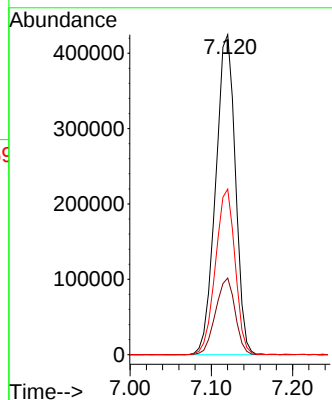
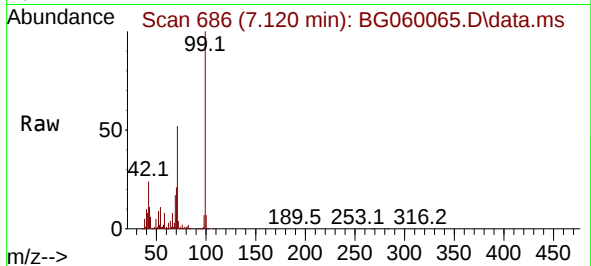




#7
Phenol-d6
Concen: 130.660 ng
RT: 7.120 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

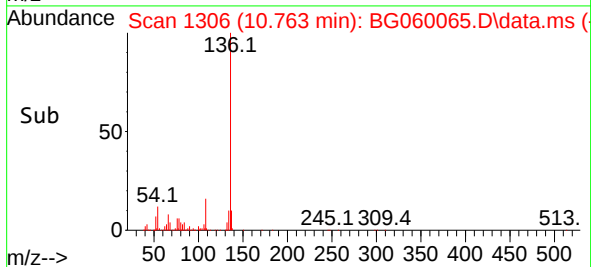
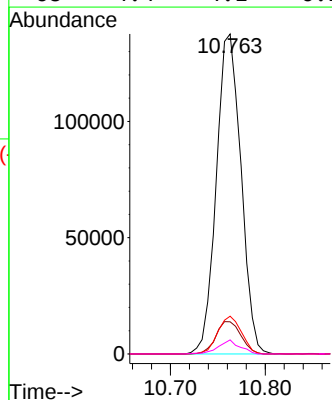
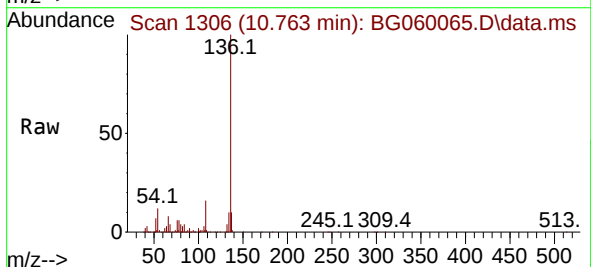
Instrument :
BNA_G
ClientSampleId :
PB157730TB

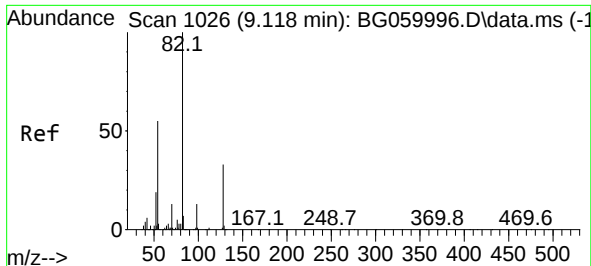
Tgt Ion: 99 Resp: 716439
Ion Ratio Lower Upper
99 100
42 24.0 16.2 24.4
71 51.7 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion: 136 Resp: 248835
Ion Ratio Lower Upper
136 100
137 10.0 7.3 10.9
54 11.8 9.6 14.4
68 4.4 4.1 6.1

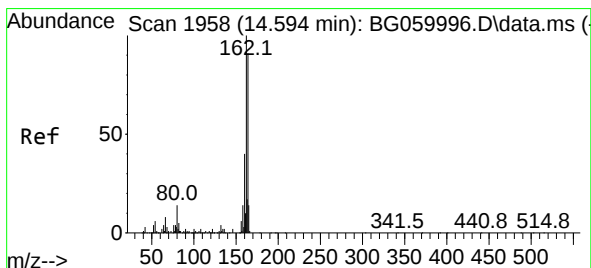
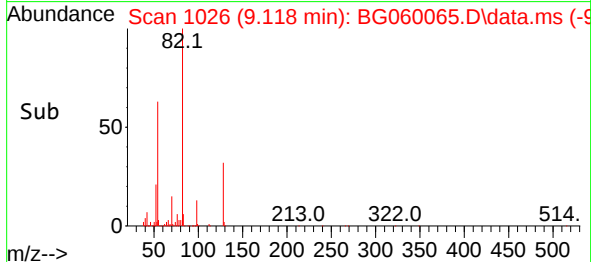
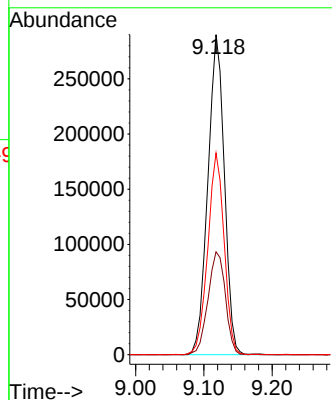
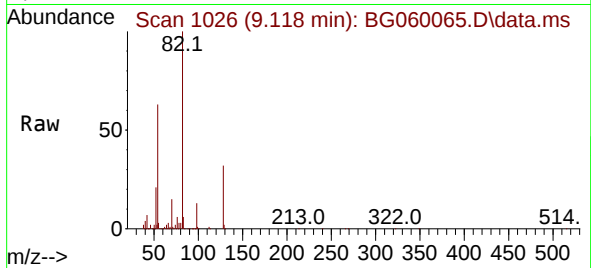




#23
Nitrobenzene-d5
Concen: 89.193 ng
RT: 9.118 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

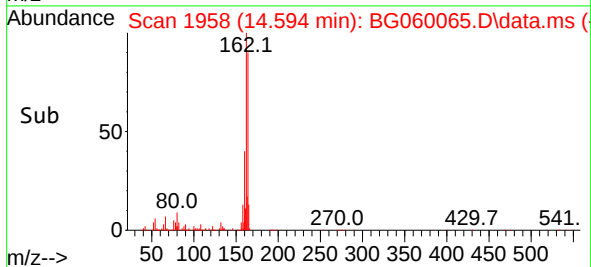
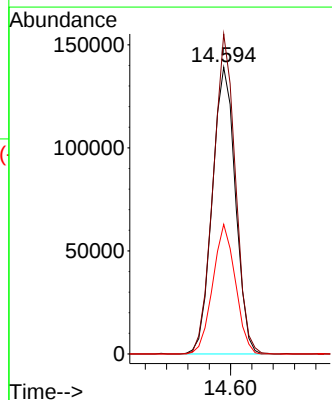
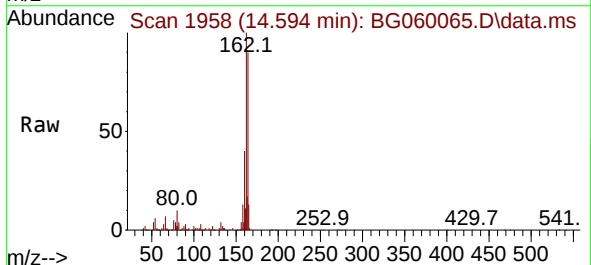
Instrument :
BNA_G
ClientSampleId :
PB157730TB

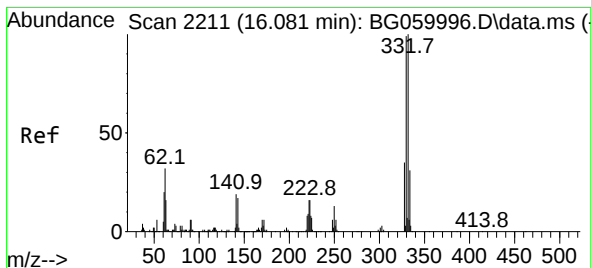
Tgt Ion: 82 Resp: 488776
Ion Ratio Lower Upper
82 100
128 32.2 26.3 39.5
54 63.0 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:164 Resp: 209199
Ion Ratio Lower Upper
164 100
162 111.6 88.1 132.1
160 45.2 35.4 53.0

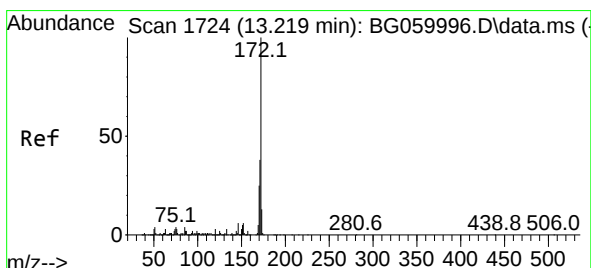
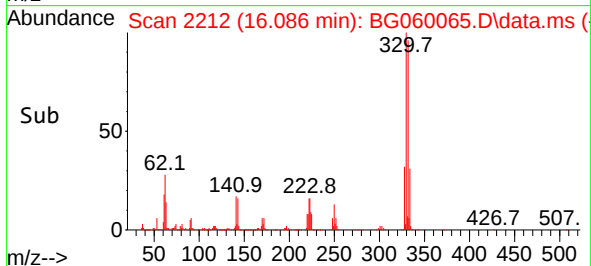
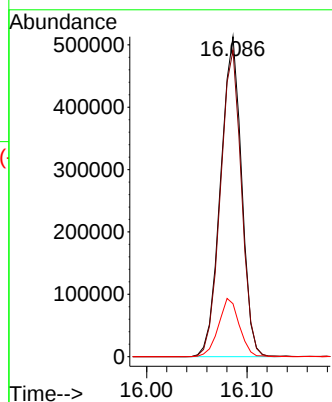
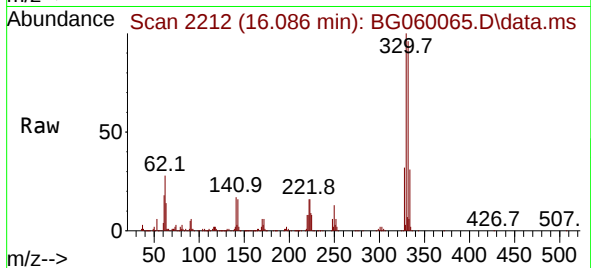




#42
2,4,6-Tribromophenol
Concen: 152.353 ng
RT: 16.086 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

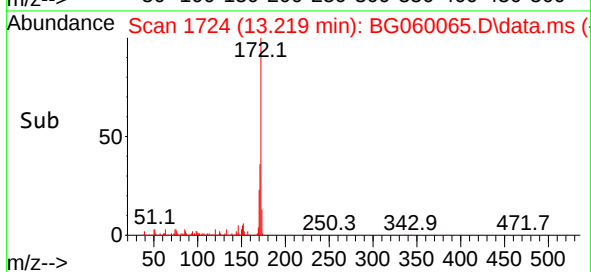
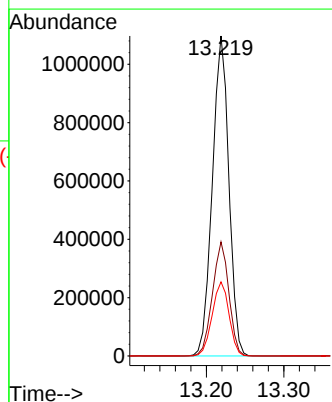
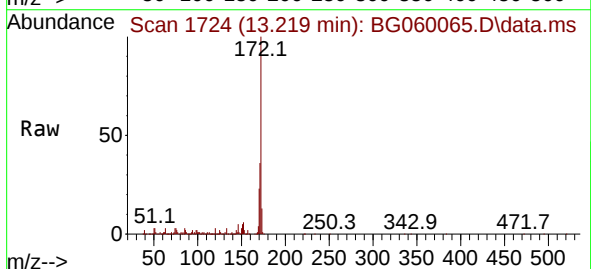
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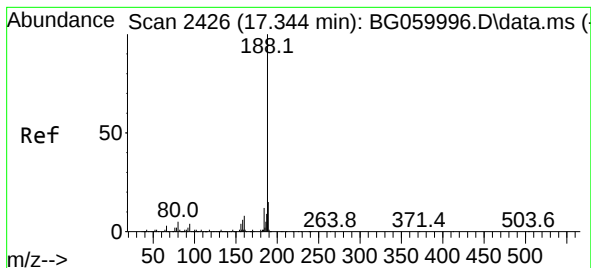
Tgt Ion:330 Resp: 742768
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 18.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 95.146 ng
RT: 13.219 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG060065.D
Acq: 18 Dec 2023 14:06

Tgt Ion:172 Resp: 1626326
Ion Ratio Lower Upper
172 100
171 35.7 30.1 45.1
170 23.2 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.343 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BG060065.D

Acq: 18 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

PB157730TB

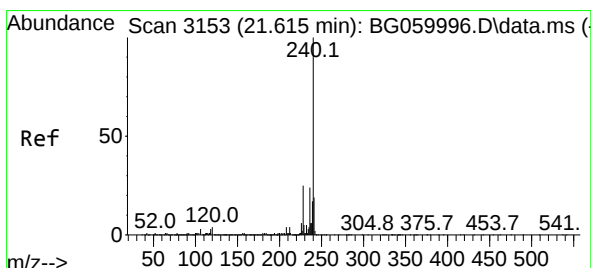
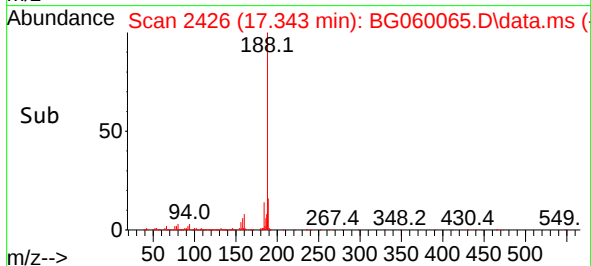
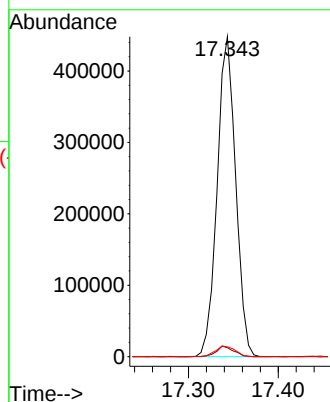
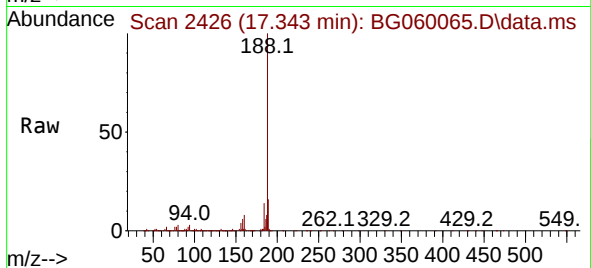
Tgt Ion:188 Resp: 640327

Ion Ratio Lower Upper

188 100

94 2.8 3.0 4.6#

80 3.1 4.0 6.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.615 min Scan# 3153

Delta R.T. -0.000 min

Lab File: BG060065.D

Acq: 18 Dec 2023 14:06

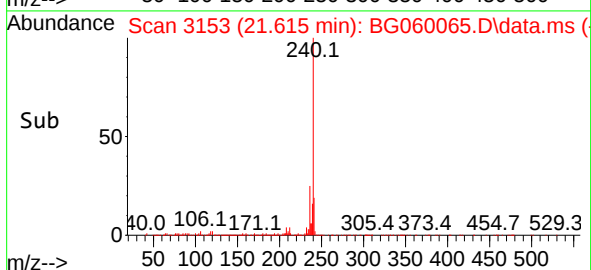
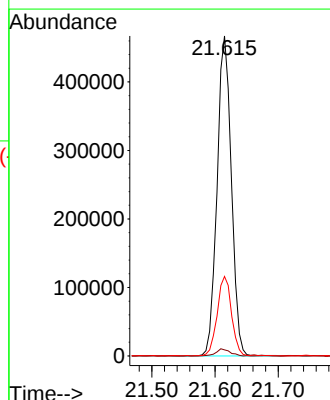
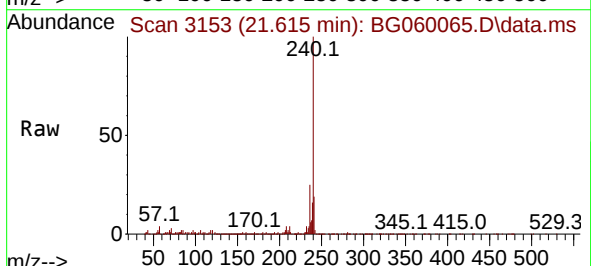
Tgt Ion:240 Resp: 732574

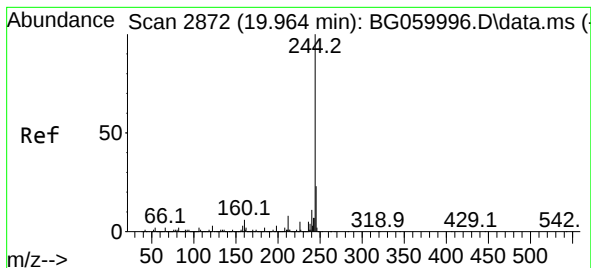
Ion Ratio Lower Upper

240 100

120 1.9 2.9 4.3#

236 24.9 19.4 29.2





#79

Terphenyl-d14

Concen: 95.053 ng

RT: 19.970 min Scan# 2

Delta R.T. 0.005 min

Lab File: BG060065.D

Acq: 18 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

PB157730TB

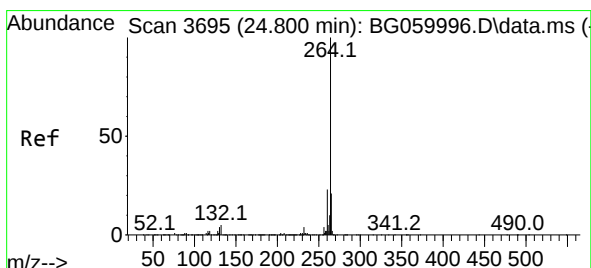
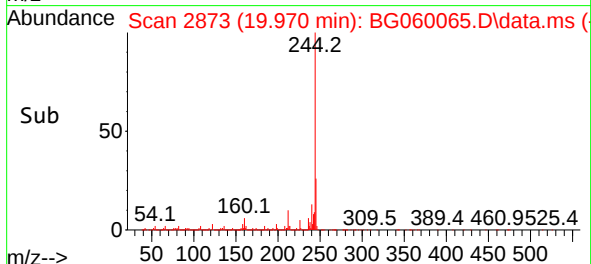
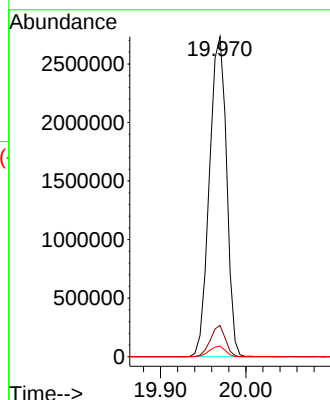
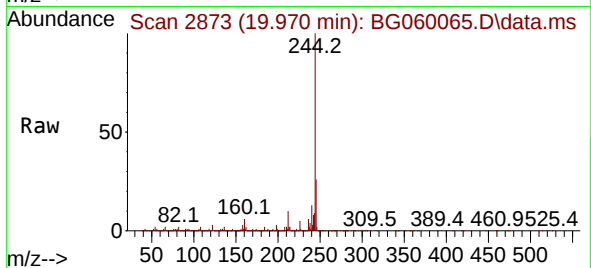
Tgt Ion:244 Resp: 3814038

Ion Ratio Lower Upper

244 100

212 9.7 6.8 10.2

122 3.3 2.6 3.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.811 min Scan# 3697

Delta R.T. 0.011 min

Lab File: BG060065.D

Acq: 18 Dec 2023 14:06

Tgt Ion:264 Resp: 835475

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.8 17.3 25.9

