

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057676.D
 Acq On : 8 Jun 2023 18:40
 Operator : CG/JU
 Sample : PB153189BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153189BL

Quant Time: Jun 09 03:39:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 00:44:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	5108	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	19903	20.000	ng	# 0.00
39) Acenaphthene-d10	14.930	164	13875	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	35826	20.000	ng	# 0.00
76) Chrysene-d12	21.963	240	36823	20.000	ng	#-0.01
86) Perylene-d12	25.430	264	41582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	28605	116.374	ng	0.00
7) Phenol-d6	7.462	99	36672	90.724	ng	0.00
23) Nitrobenzene-d5	9.495	82	39880	88.828	ng	0.00
42) 2,4,6-Tribromophenol	16.417	330	20083	98.556	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	90481	87.516	ng	0.00
79) Terphenyl-d14	20.241	244	208511	97.439	ng	0.00

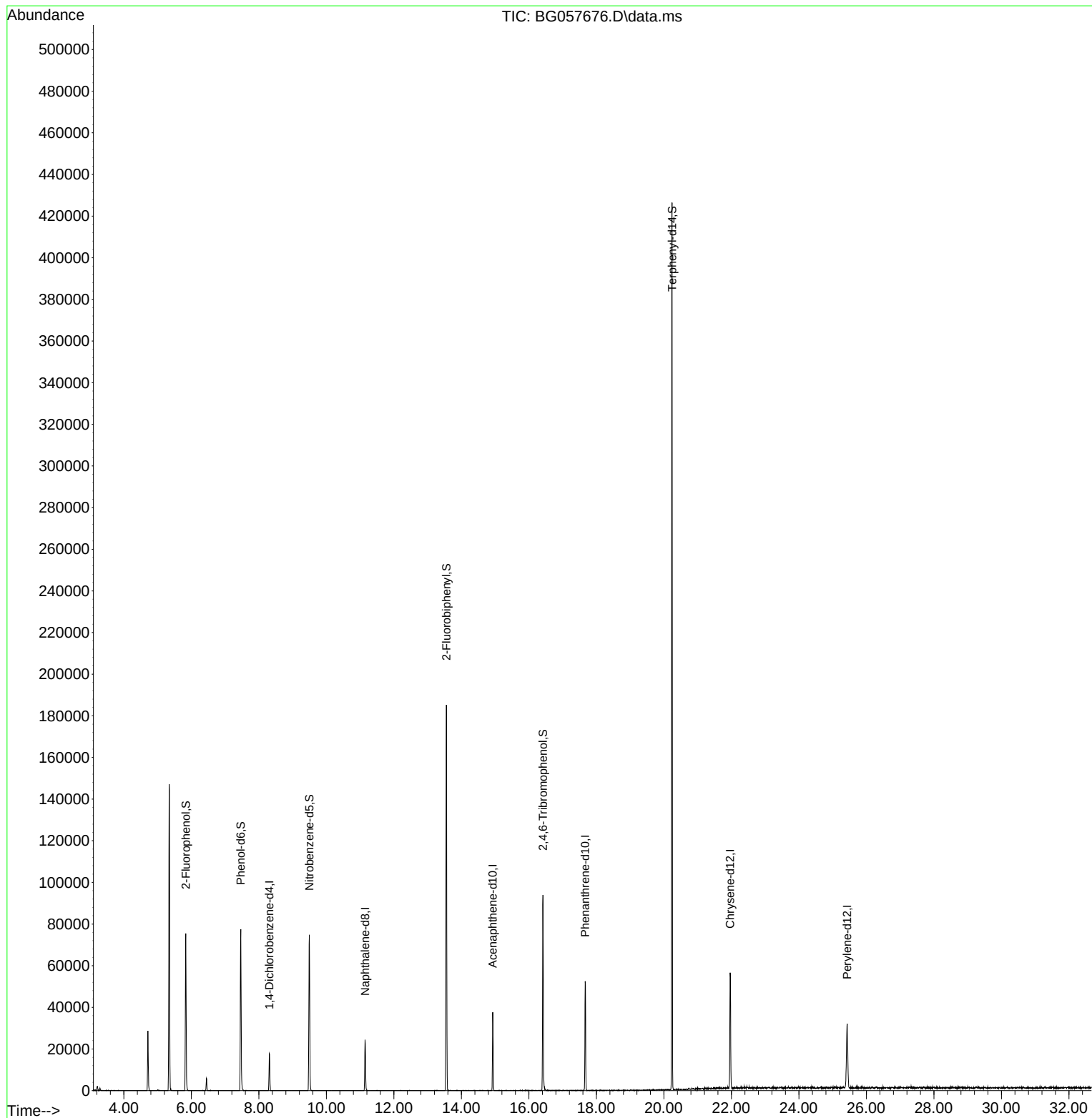
Target Compounds	Qvalue

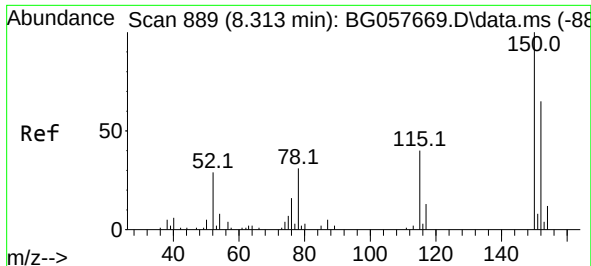
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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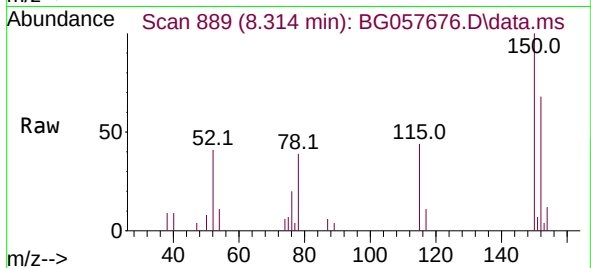
Quant Time: Jun 09 03:39:06 2023
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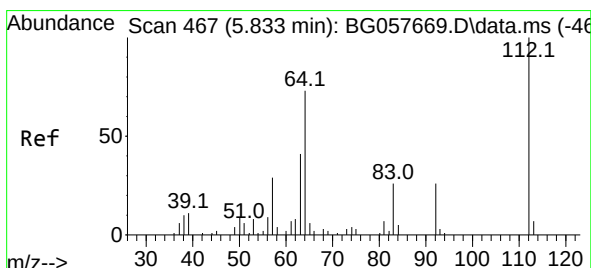
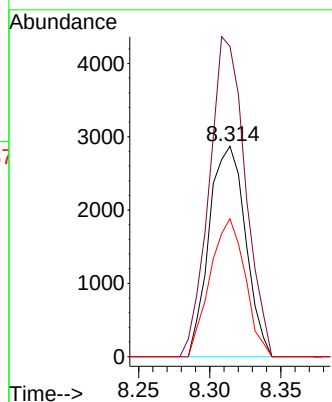
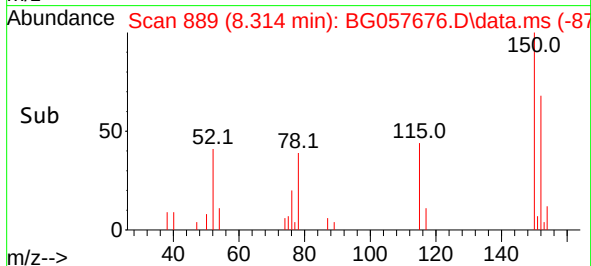


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.314 min Scan# 889
Delta R.T. 0.001 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

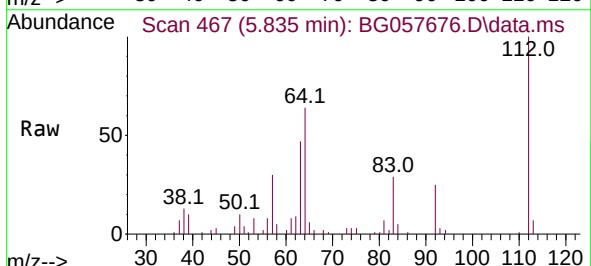
Instrument :
BNA_G
ClientSampleId :
PB153189BL



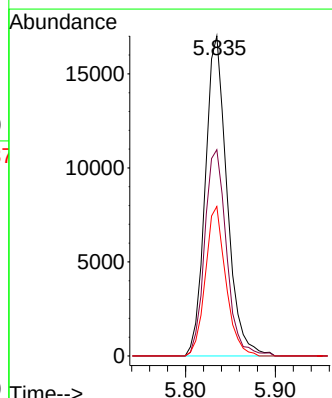
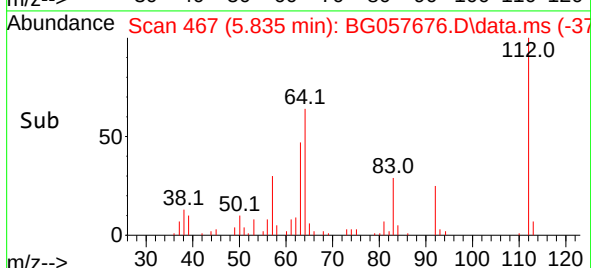
Tgt Ion:152 Resp: 5108
Ion Ratio Lower Upper
152 100
150 147.5 122.6 184.0
115 65.5 48.6 72.8

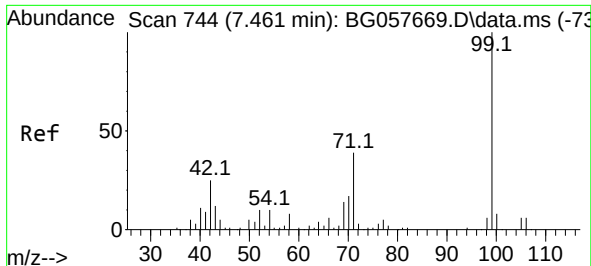


#5
2-Fluorophenol
Concen: 116.374 ng
RT: 5.835 min Scan# 467
Delta R.T. 0.002 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40



Tgt Ion:112 Resp: 28605
Ion Ratio Lower Upper
112 100
64 64.4 58.6 88.0
63 46.7 32.5 48.7

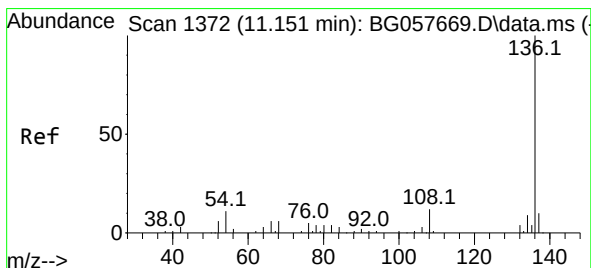
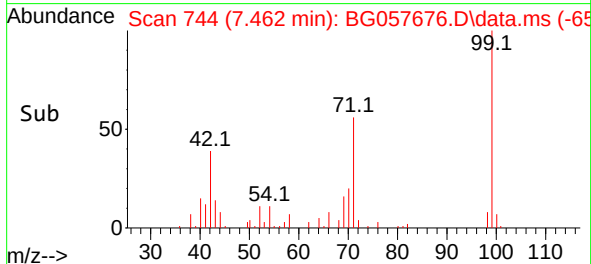
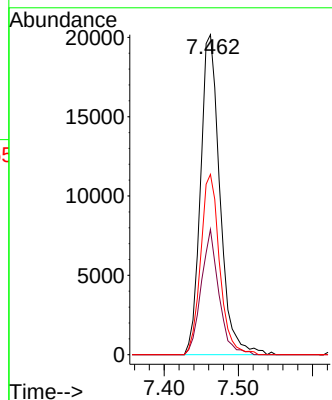
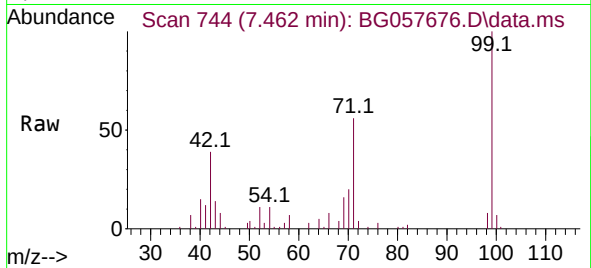




#7
Phenol-d6
Concen: 90.724 ng
RT: 7.462 min Scan# 744
Delta R.T. 0.001 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

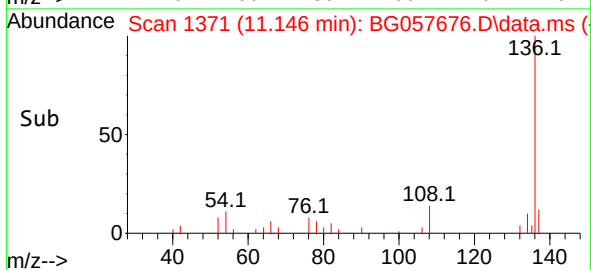
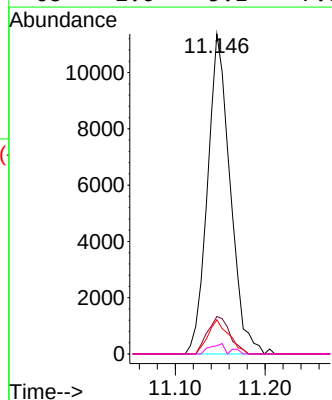
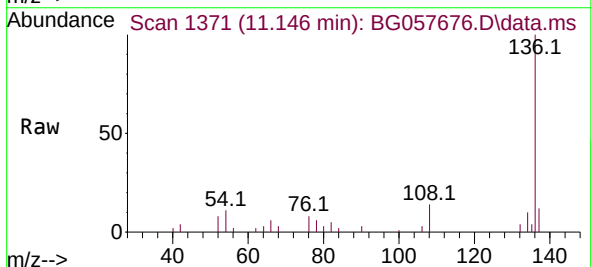
Instrument :
BNA_G
ClientSampleId :
PB153189BL

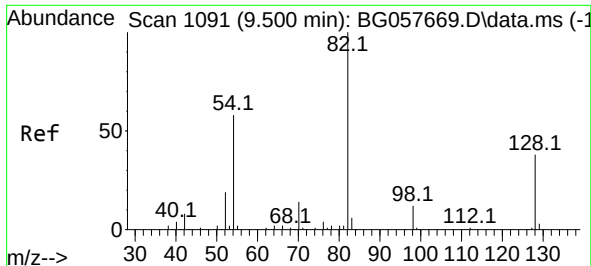
Tgt Ion: 99 Resp: 36672
Ion Ratio Lower Upper
99 100
42 39.2 19.7 29.5#
71 56.4 31.6 47.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.146 min Scan# 1371
Delta R.T. -0.004 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

Tgt Ion: 136 Resp: 19903
Ion Ratio Lower Upper
136 100
137 11.7 8.4 12.6
54 10.7 9.0 13.4
68 2.6 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 88.828 ng

RT: 9.495 min Scan# 1091

Delta R.T. -0.005 min

Lab File: BG057676.D

Acq: 8 Jun 2023 18:40

Instrument :

BNA_G

ClientSampleId :

PB153189BL

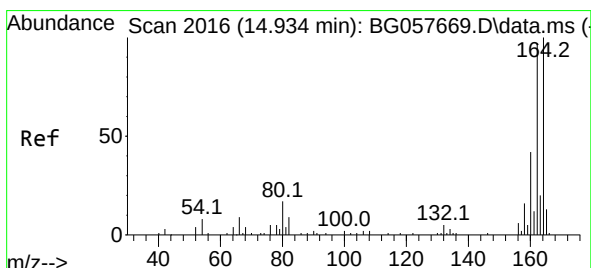
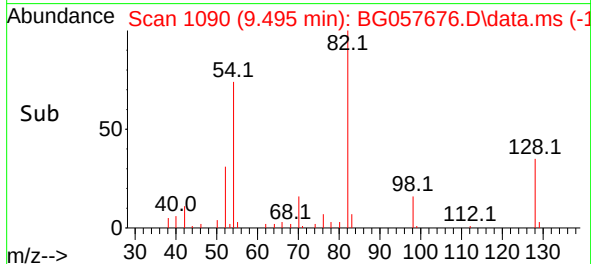
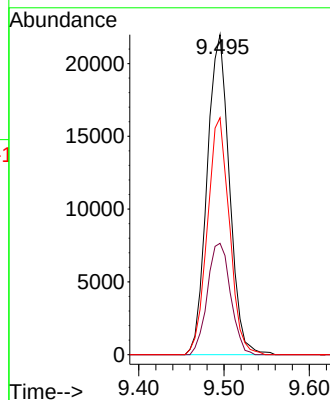
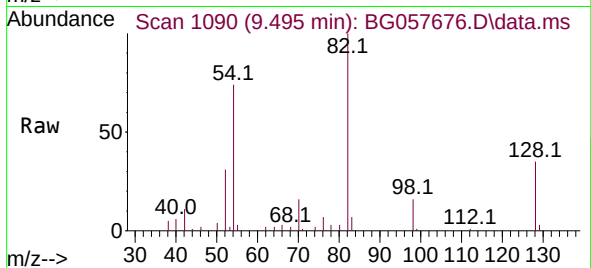
Tgt Ion: 82 Resp: 39880

Ion Ratio Lower Upper

82 100

128 34.8 30.6 45.8

54 74.1 46.6 69.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.930 min Scan# 2015

Delta R.T. -0.004 min

Lab File: BG057676.D

Acq: 8 Jun 2023 18:40

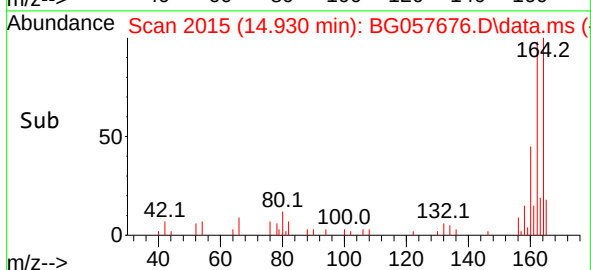
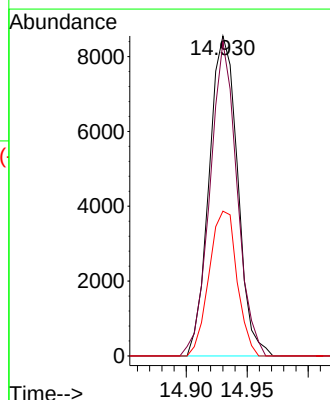
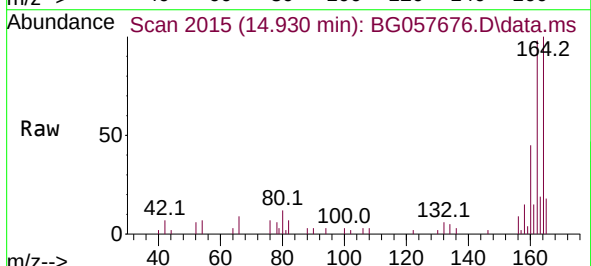
Tgt Ion:164 Resp: 13875

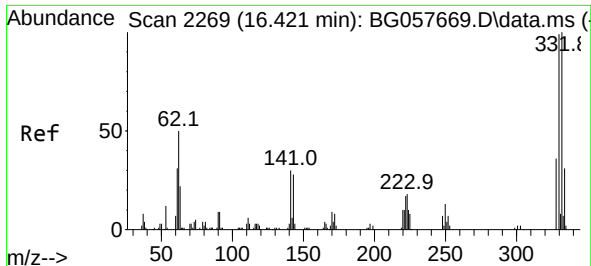
Ion Ratio Lower Upper

164 100

162 98.2 77.8 116.6

160 45.2 33.7 50.5

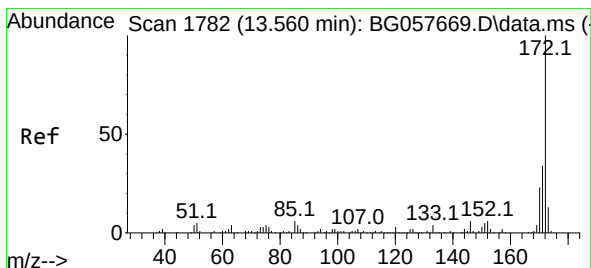
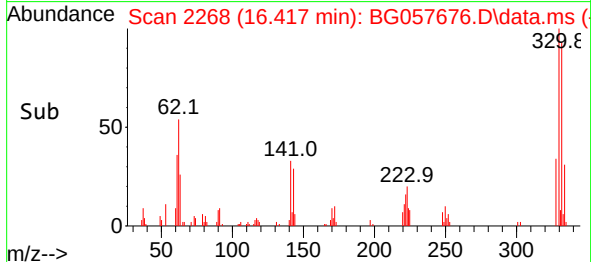
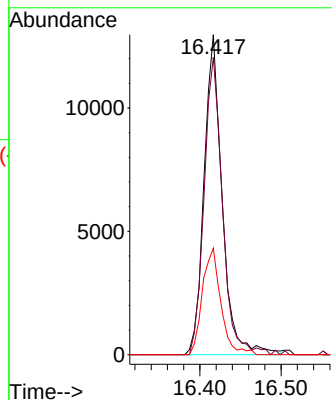
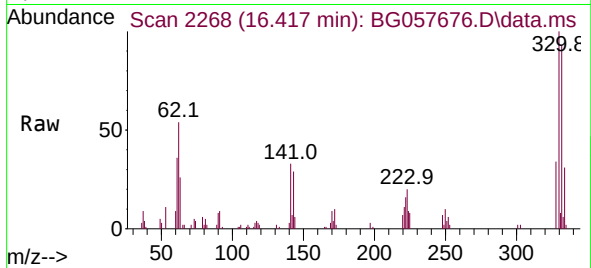




#42
2,4,6-Tribromophenol
Concen: 98.556 ng
RT: 16.417 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

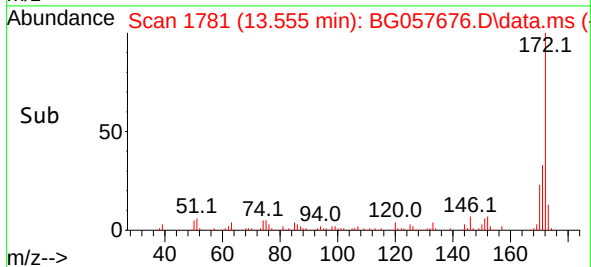
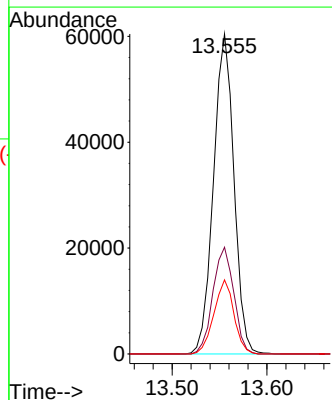
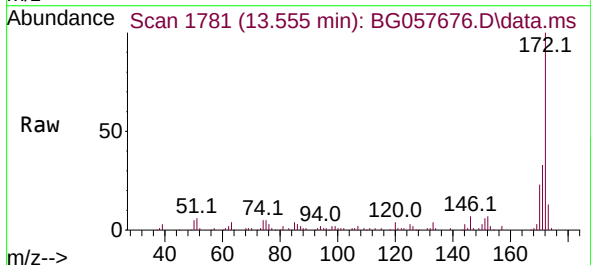
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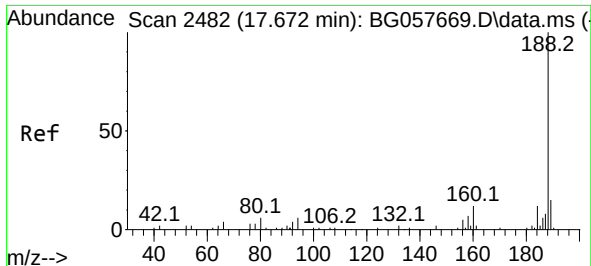
Tgt Ion:330 Resp: 20083
Ion Ratio Lower Upper
330 100
332 94.0 77.2 115.8
141 33.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 87.516 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.004 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

Tgt Ion:172 Resp: 90481
Ion Ratio Lower Upper
172 100
171 33.4 27.6 41.4
170 23.1 18.7 28.1

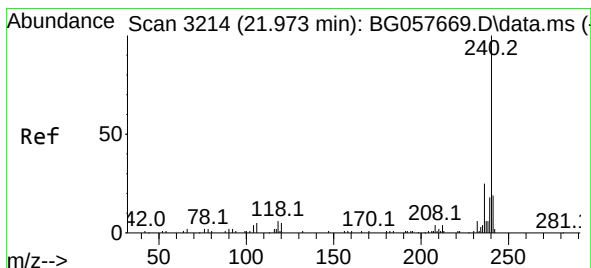
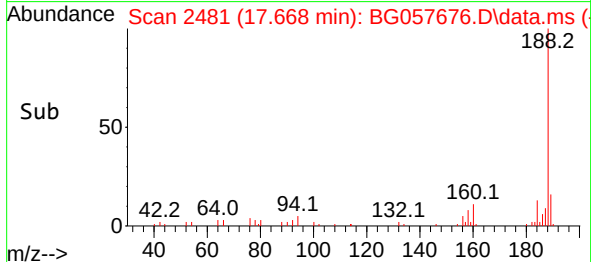
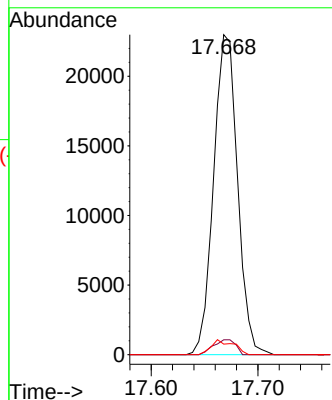
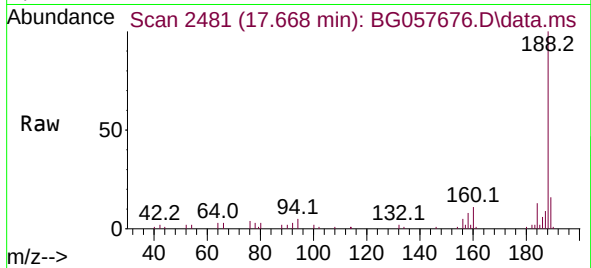




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.668 min Scan# 2481
Delta R.T. -0.004 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

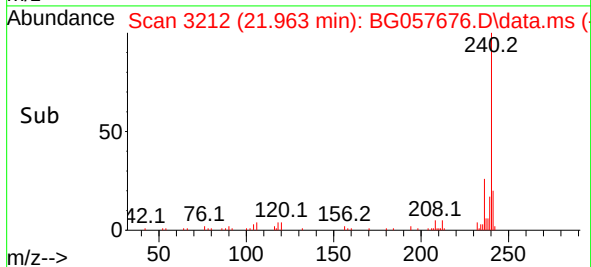
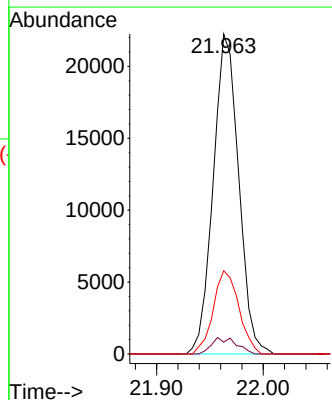
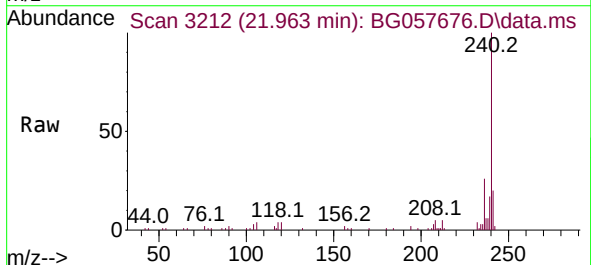
Instrument :
BNA_G
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PB153189BL

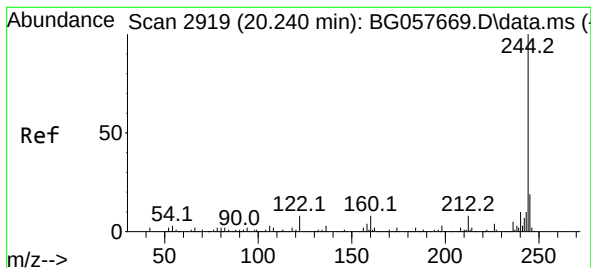
Tgt Ion:188 Resp: 35826
Ion Ratio Lower Upper
188 100
94 4.6 4.5 6.7
80 3.3 5.0 7.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.963 min Scan# 3212
Delta R.T. -0.010 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

Tgt Ion:240 Resp: 36823
Ion Ratio Lower Upper
240 100
120 3.7 4.1 6.1#
236 26.0 19.6 29.4





#79

Terphenyl-d14

Concen: 97.439 ng

RT: 20.241 min Scan# 2919

Delta R.T. 0.001 min

Lab File: BG057676.D

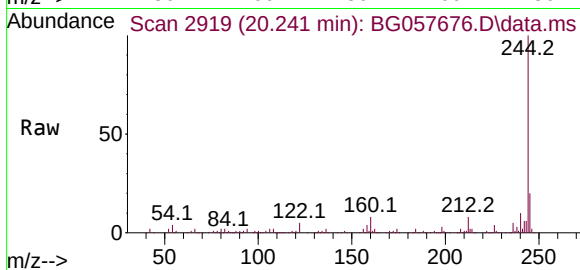
Acq: 8 Jun 2023 18:40

Instrument :

BNA_G

ClientSampleId :

PB153189BL



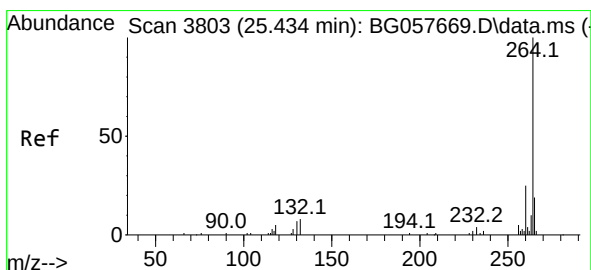
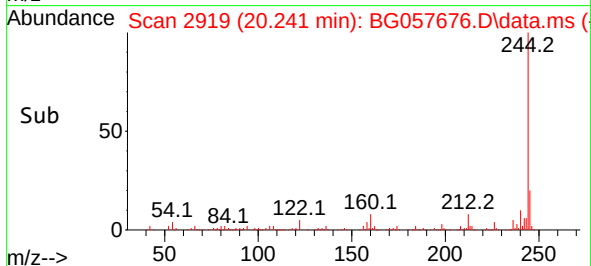
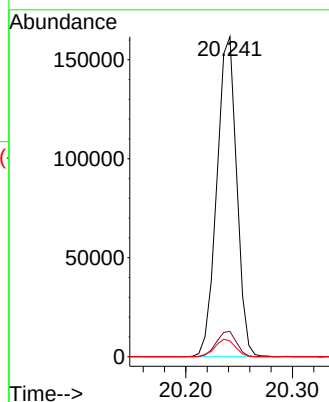
Tgt Ion:244 Resp: 208511

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

122 4.9 6.1 9.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.430 min Scan# 3802

Delta R.T. -0.004 min

Lab File: BG057676.D

Acq: 8 Jun 2023 18:40

Tgt Ion:264 Resp: 41582

Ion Ratio Lower Upper

264 100

260 20.1 19.8 29.8

265 21.6 14.9 22.3

