

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059752.D
 Acq On : 18 Nov 2023 6:30
 Operator : MA/JU
 Sample : PB157152TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157152TB

Quant Time: Nov 18 09:28:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	15257	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	72669	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	55338	20.000	ng	# 0.00
64) Phenanthrene-d10	17.718	188	151468	20.000	ng	# 0.00
76) Chrysene-d12	22.043	240	210864	20.000	ng	# 0.00
86) Perylene-d12	25.621	264	253256	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	140172	154.636	ng	0.00
7) Phenol-d6	7.460	99	200340	149.142	ng	0.00
23) Nitrobenzene-d5	9.540	82	177598	93.339	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	112803	179.658	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	383090	93.183	ng	0.00
79) Terphenyl-d14	20.292	244	1356017	94.934	ng	0.00

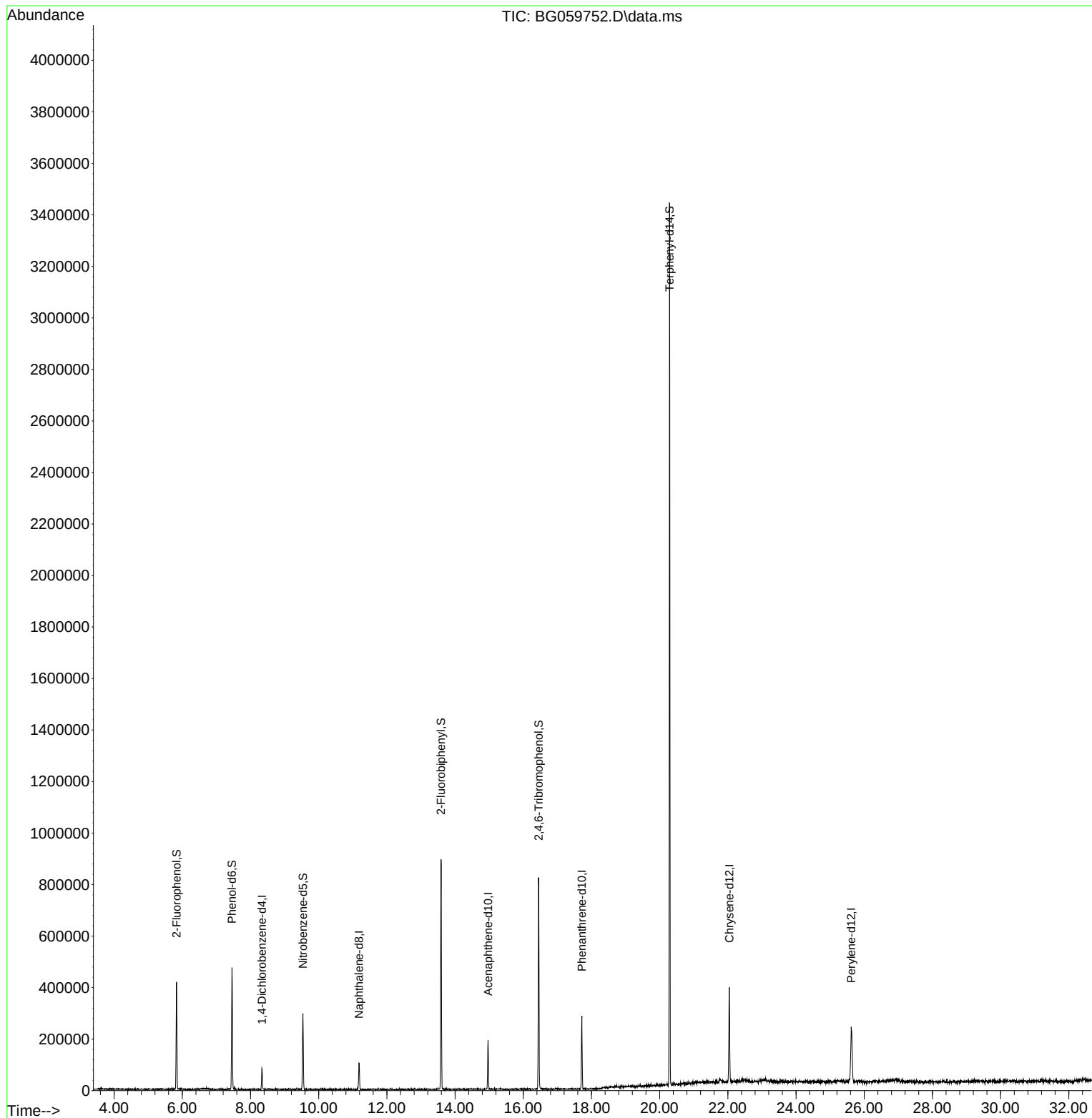
Target Compounds	Qvalue

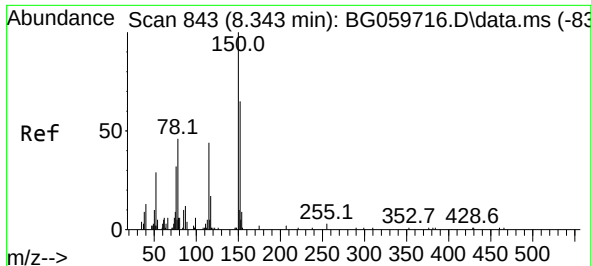
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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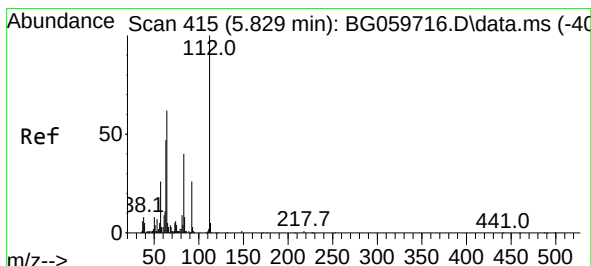
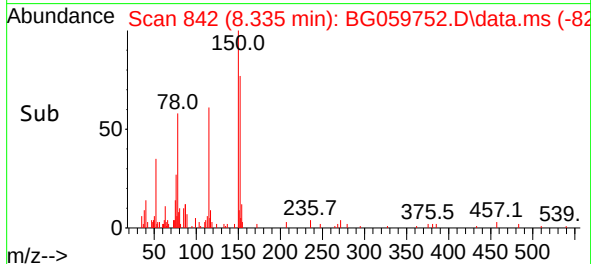
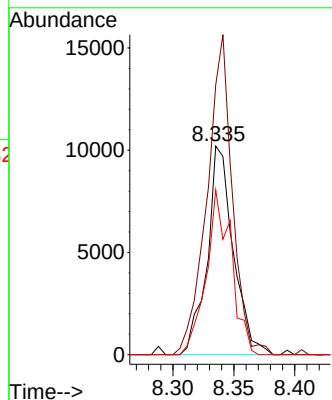
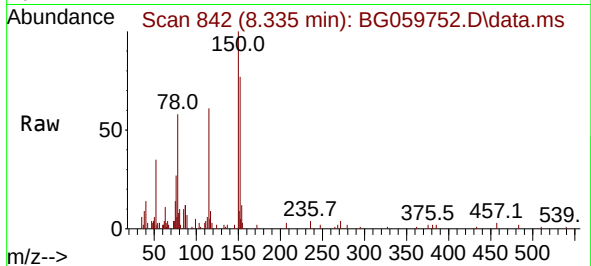




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

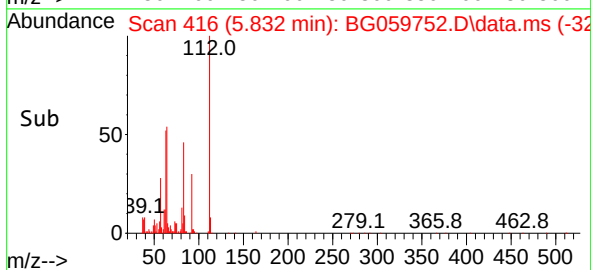
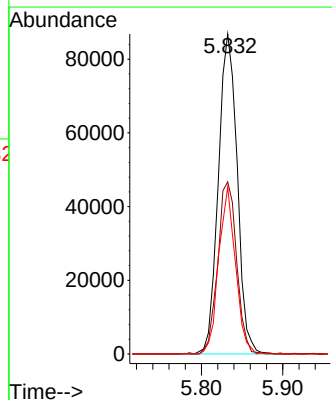
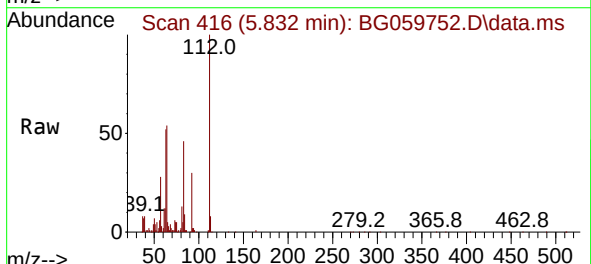
Instrument :
BNA_G
ClientSampleId :
PB157152TB

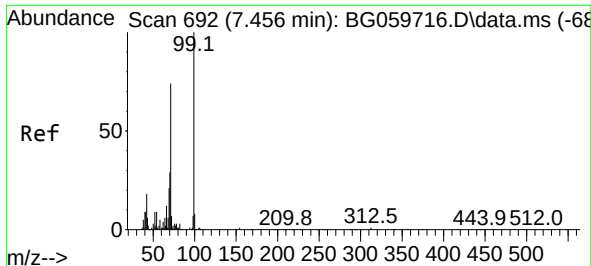
Tgt Ion:152 Resp: 15257
Ion Ratio Lower Upper
152 100
150 129.2 122.2 183.4
115 79.0 54.2 81.4



#5
2-Fluorophenol
Concen: 154.636 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion:112 Resp: 140172
Ion Ratio Lower Upper
112 100
64 53.8 49.5 74.3
63 52.2 37.4 56.2

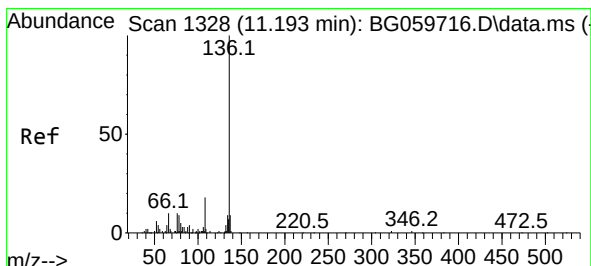
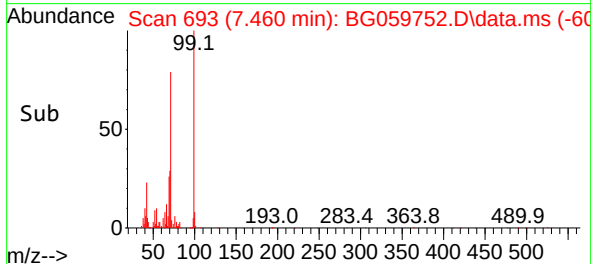
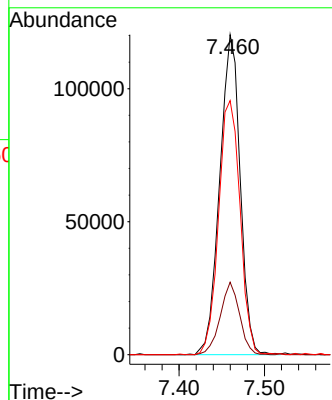
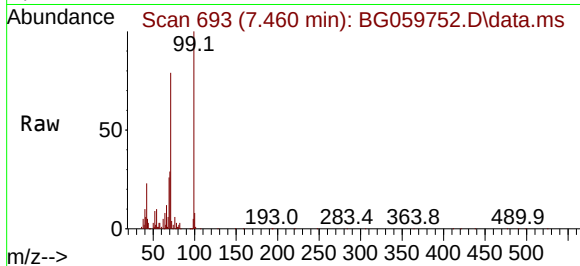




#7
Phenol-d6
Concen: 149.142 ng
RT: 7.460 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

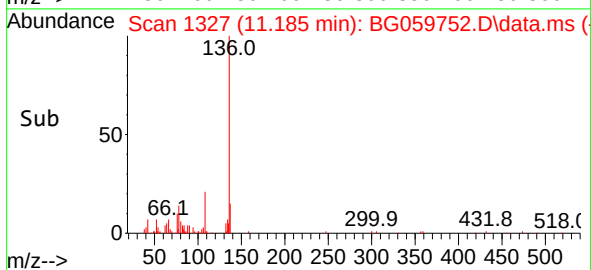
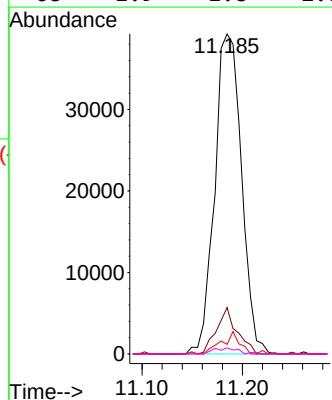
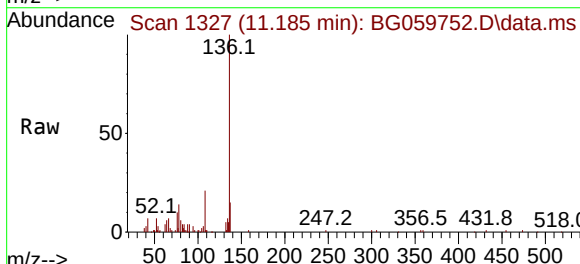
Instrument :
BNA_G
ClientSampleId :
PB157152TB

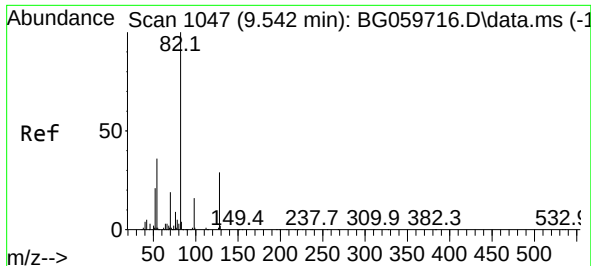
Tgt Ion: 99 Resp: 200340
Ion Ratio Lower Upper
99 100
42 22.7 14.3 21.5#
71 79.4 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 1327
Delta R.T. -0.008 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion: 136 Resp: 72669
Ion Ratio Lower Upper
136 100
137 14.5 7.4 11.0#
54 3.0 3.1 4.7#
68 1.9 1.8 2.8

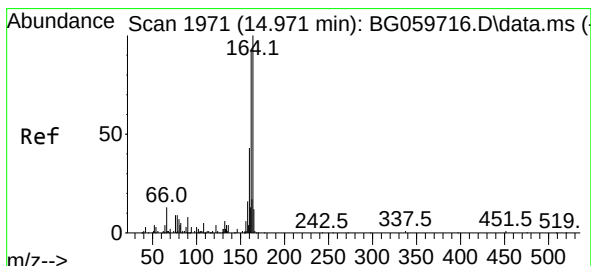
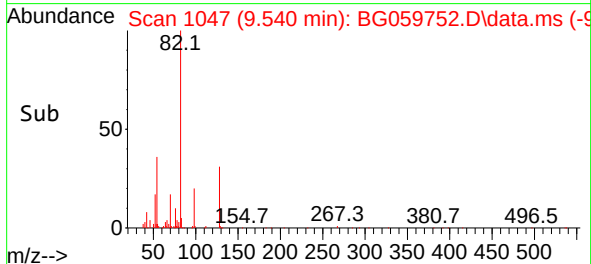
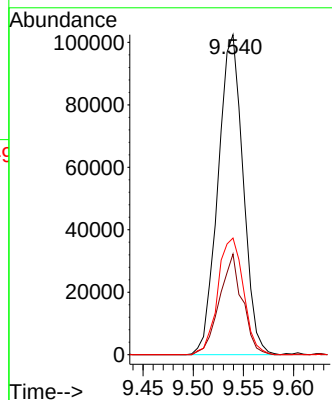
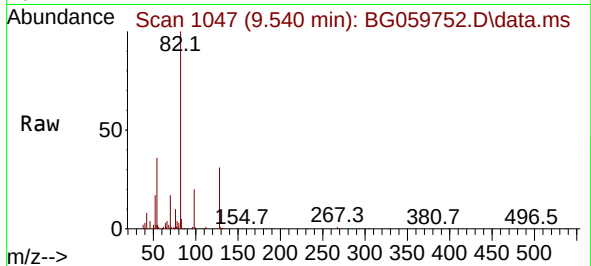




#23
Nitrobenzene-d5
Concen: 93.339 ng
RT: 9.540 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

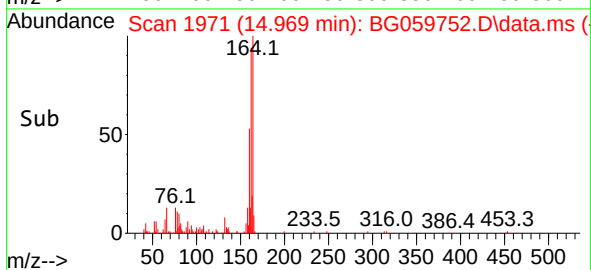
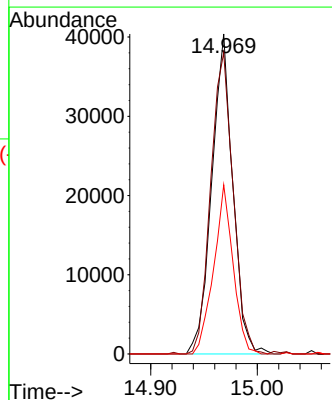
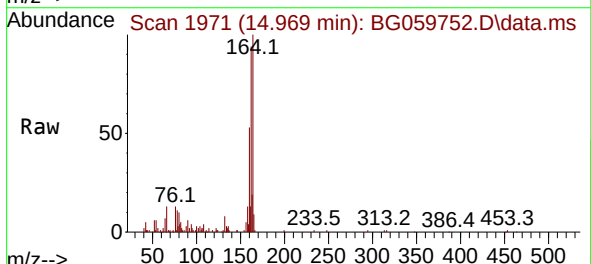
Instrument :
BNA_G
ClientSampleId :
PB157152TB

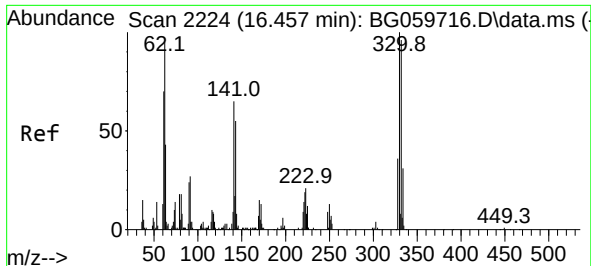
Tgt Ion: 82 Resp: 177598
Ion Ratio Lower Upper
82 100
128 31.5 23.0 34.6
54 36.5 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion:164 Resp: 55338
Ion Ratio Lower Upper
164 100
162 94.1 73.3 109.9
160 52.9 34.1 51.1#

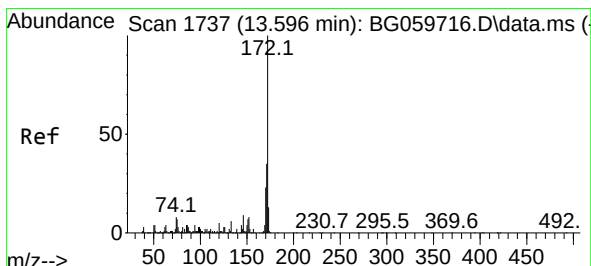
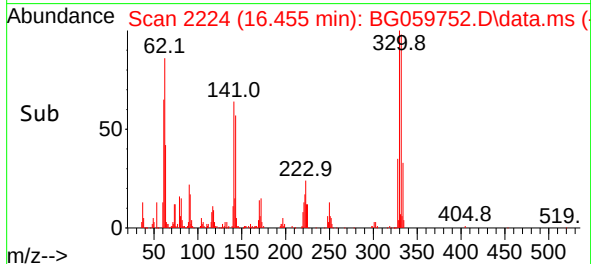
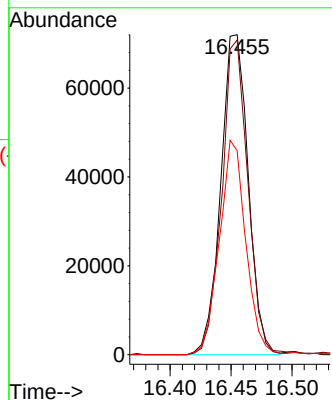
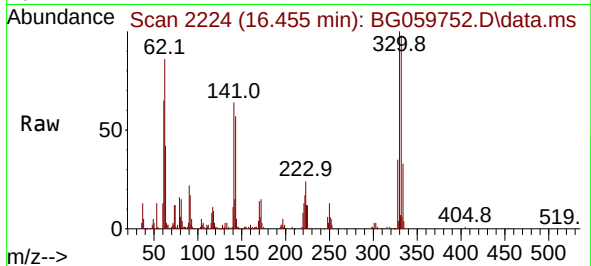




#42
2,4,6-Tribromophenol
Concen: 179.658 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

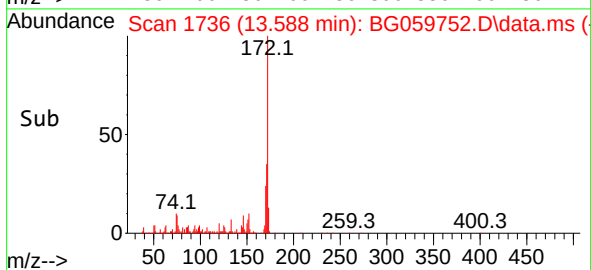
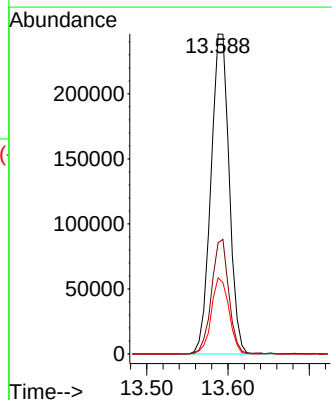
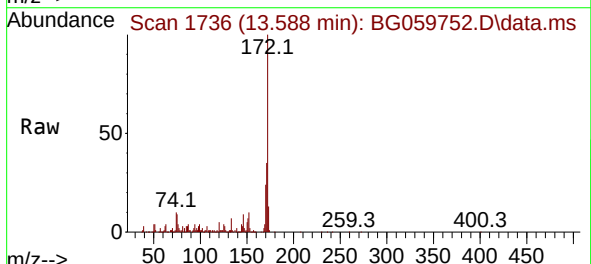
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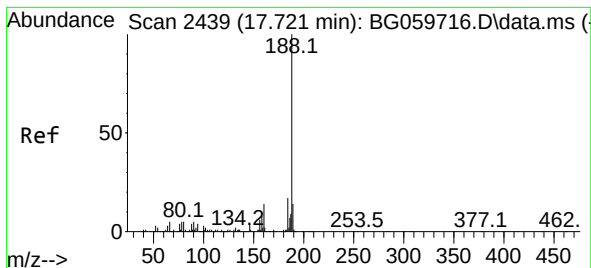
Tgt Ion:330 Resp: 112803
Ion Ratio Lower Upper
330 100
332 94.1 73.3 109.9
141 64.6 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 93.183 ng
RT: 13.588 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion:172 Resp: 383090
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG059752.D

Acq: 18 Nov 2023 6:30

Instrument :

BNA_G

ClientSampleId :

PB157152TB

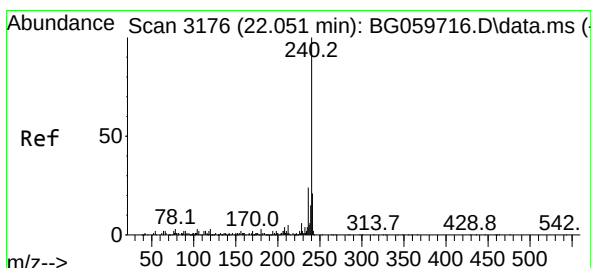
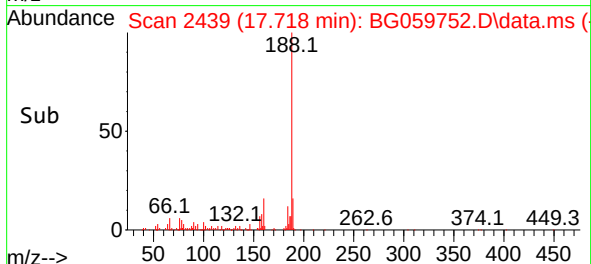
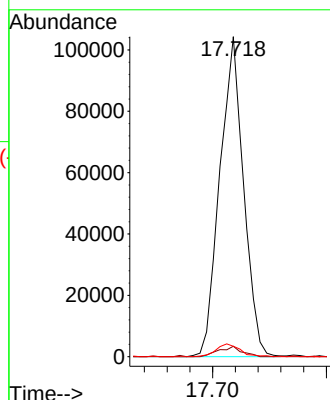
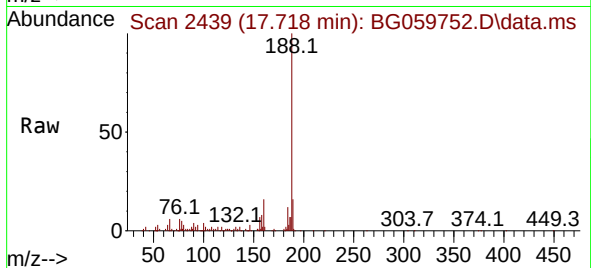
Tgt Ion:188 Resp: 151468

Ion Ratio Lower Upper

188 100

94 3.3 3.0 4.4

80 3.2 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.043 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BG059752.D

Acq: 18 Nov 2023 6:30

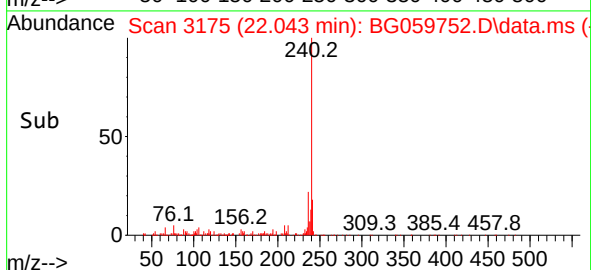
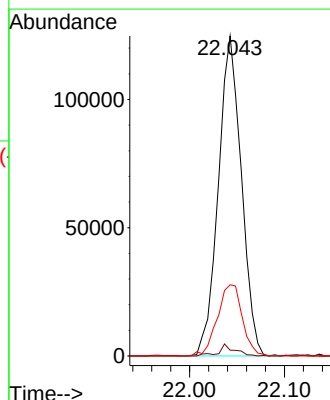
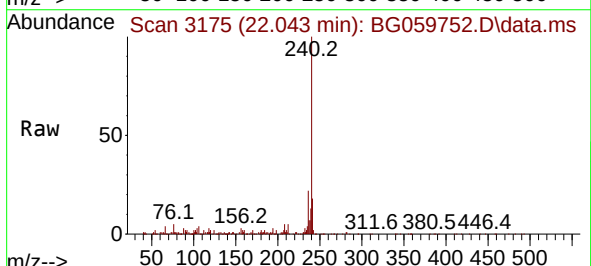
Tgt Ion:240 Resp: 210864

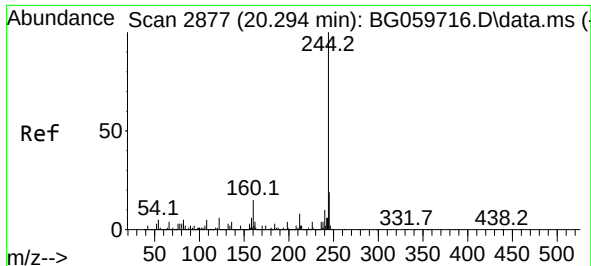
Ion Ratio Lower Upper

240 100

120 1.8 2.2 3.2#

236 22.3 19.4 29.2

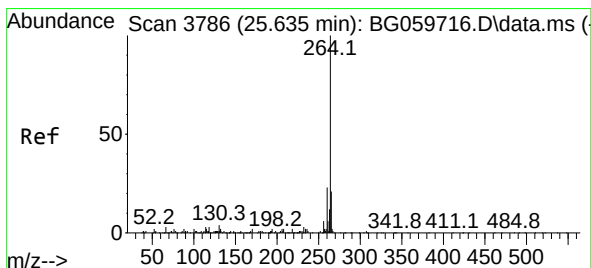
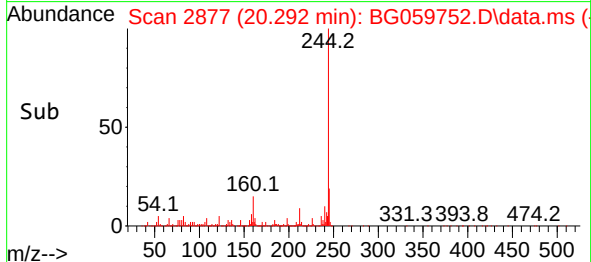
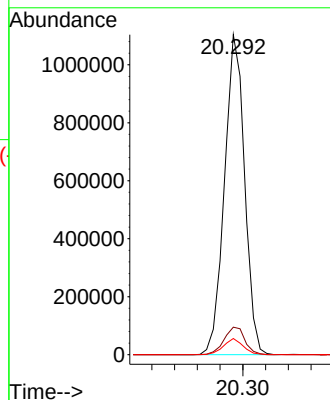
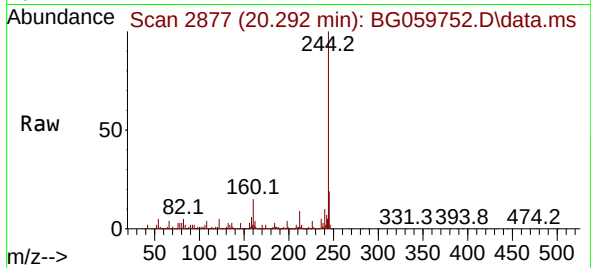




#79
 Terphenyl-d14
 Concen: 94.934 ng
 RT: 20.292 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059752.D
 Acq: 18 Nov 2023 6:30

Instrument :
 BNA_G
 ClientSampleId :
 PB157152TB

Tgt Ion:244 Resp: 1356017
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 5.1 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.621 min Scan# 3784
 Delta R.T. -0.014 min
 Lab File: BG059752.D
 Acq: 18 Nov 2023 6:30

Tgt Ion:264 Resp: 253256
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.5 27.7
 265 17.8 17.0 25.6

