

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059721.D
 Acq On : 16 Nov 2023 16:48
 Operator : MA/JU
 Sample : PB157140BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157140BL

Quant Time: Nov 17 02:32:14 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	8.344	152	22726	20.000	ng	# 0.00
21) Naphthalene-d8	11.188	136	90476	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	62315	20.000	ng	# 0.00
64) Phenanthrene-d10	17.715	188	169603	20.000	ng	0.00
76) Chrysene-d12	22.040	240	161761	20.000	ng	-0.01
86) Perylene-d12	25.630	264	282765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	181085	134.116	ng	0.00
7) Phenol-d6	7.457	99	255682	127.784	ng	0.00
23) Nitrobenzene-d5	9.537	82	219563	92.683	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	125102	176.937	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	460094	99.383	ng	0.00
79) Terphenyl-d14	20.295	244	1135131	103.593	ng	0.00

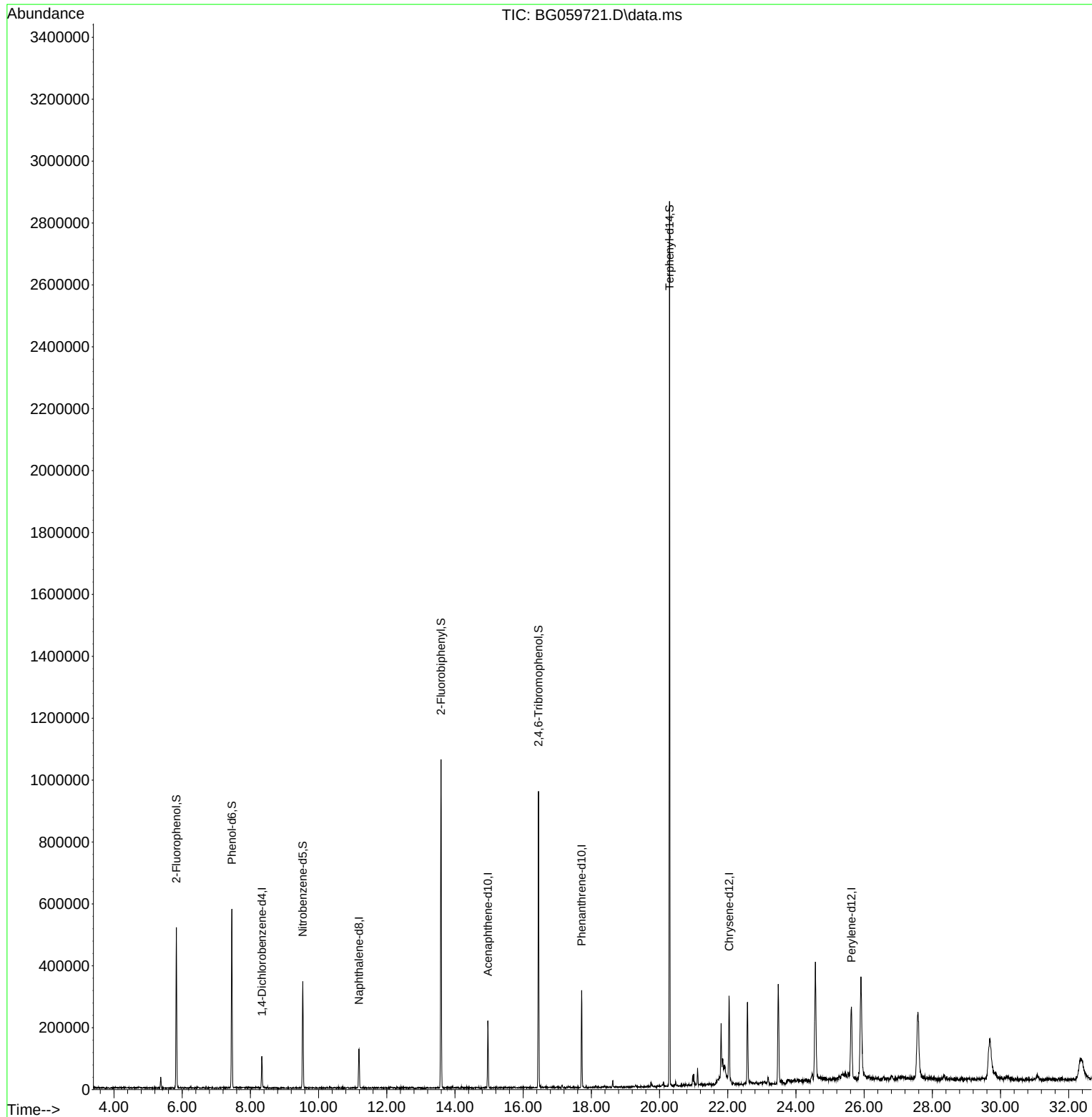
Target Compounds	Qvalue

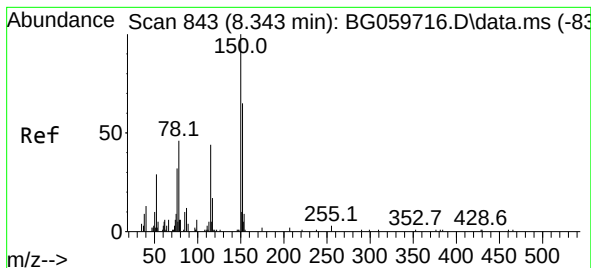
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.344 min Scan# 84

Delta R.T. 0.001 min

Lab File: BG059721.D

Acq: 16 Nov 2023 16:48

Instrument :

BNA_G

ClientSampleId :

PB157140BL

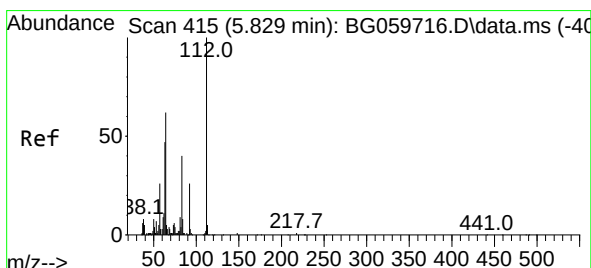
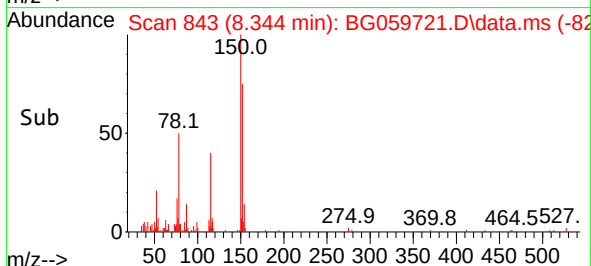
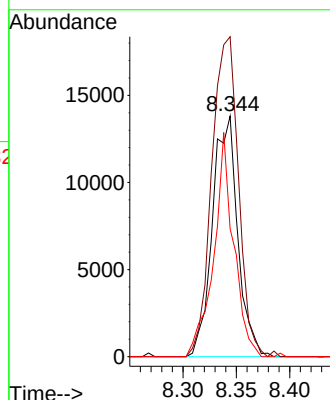
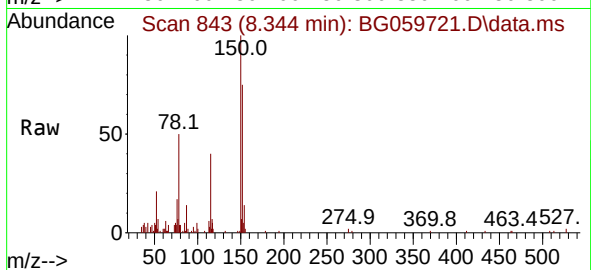
Tgt Ion:152 Resp: 22726

Ion Ratio Lower Upper

152 100

150 133.0 122.2 183.4

115 53.1 54.2 81.4#



#5

2-Fluorophenol

Concen: 134.116 ng

RT: 5.829 min Scan# 415

Delta R.T. 0.001 min

Lab File: BG059721.D

Acq: 16 Nov 2023 16:48

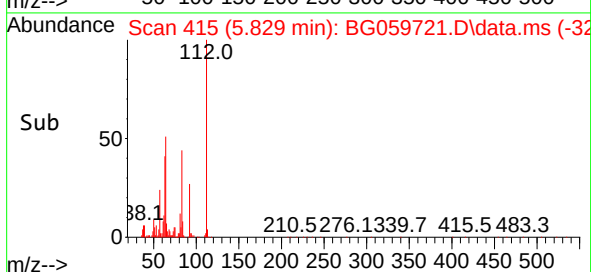
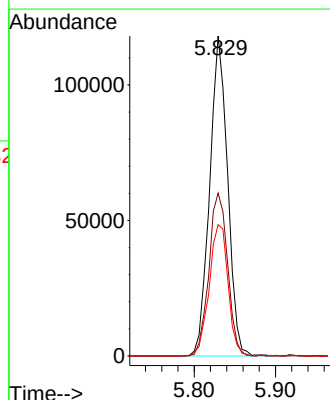
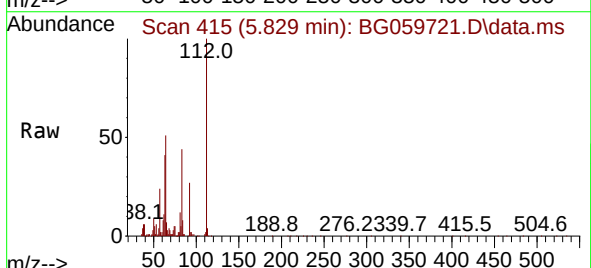
Tgt Ion:112 Resp: 181085

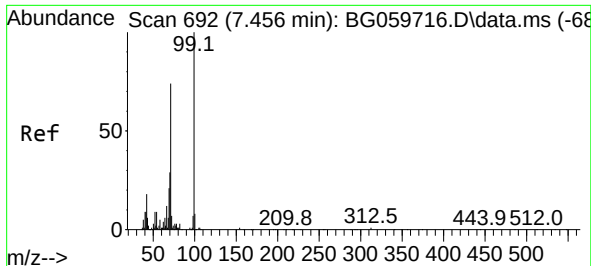
Ion Ratio Lower Upper

112 100

64 50.9 49.5 74.3

63 41.0 37.4 56.2

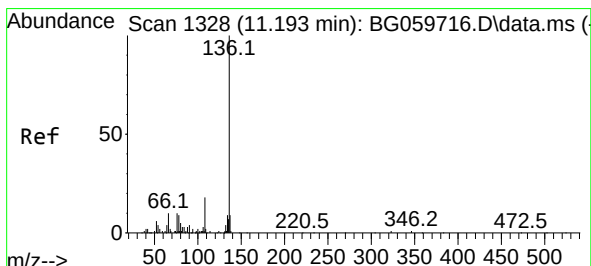
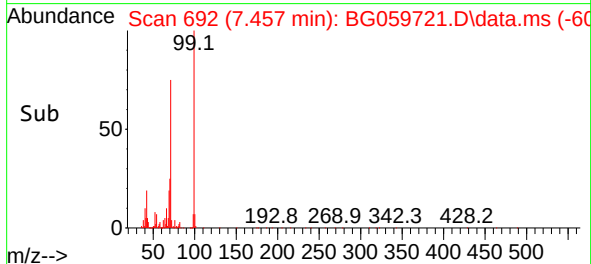
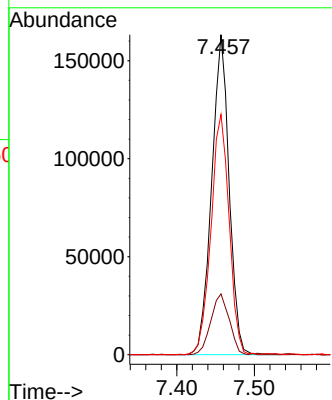
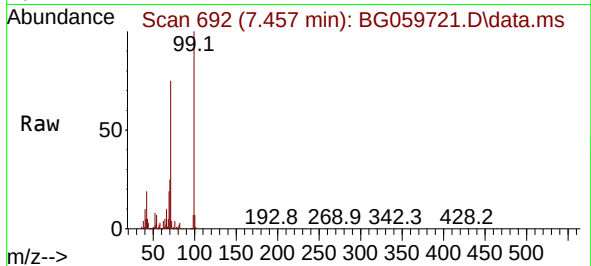




#7
Phenol-d6
Concen: 127.784 ng
RT: 7.457 min Scan# 692
Delta R.T. 0.001 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

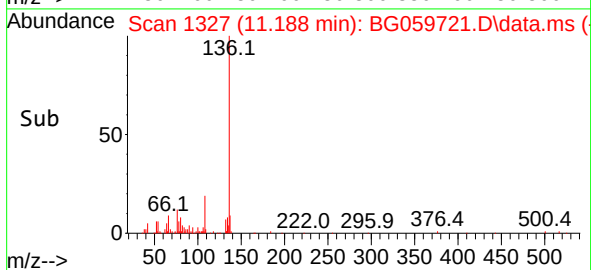
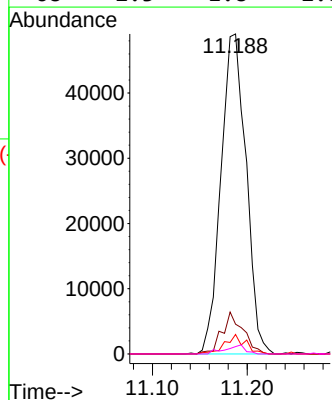
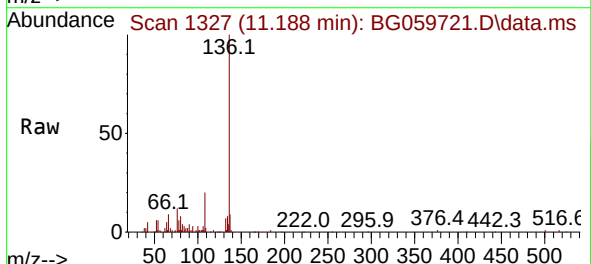
Instrument :
BNA_G
ClientSampleId :
PB157140BL

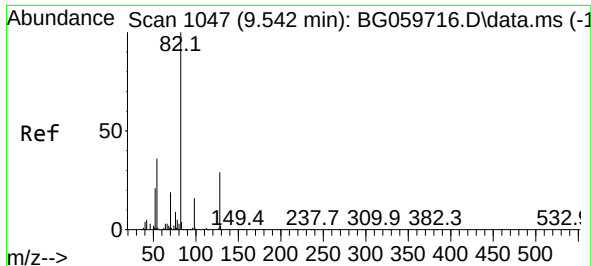
Tgt Ion: 99 Resp: 255682
Ion Ratio Lower Upper
99 100
42 19.0 14.3 21.5
71 75.1 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 1327
Delta R.T. -0.005 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

Tgt Ion: 136 Resp: 90476
Ion Ratio Lower Upper
136 100
137 9.3 7.4 11.0
54 6.1 3.1 4.7#
68 2.3 1.8 2.8





#23

Nitrobenzene-d5

Concen: 92.683 ng

RT: 9.537 min Scan# 1046

Delta R.T. -0.005 min

Lab File: BG059721.D

Acq: 16 Nov 2023 16:48

Instrument :

BNA_G

ClientSampleId :

PB157140BL

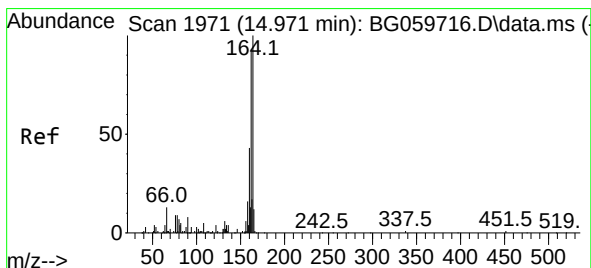
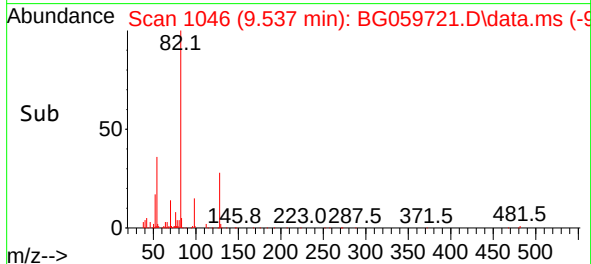
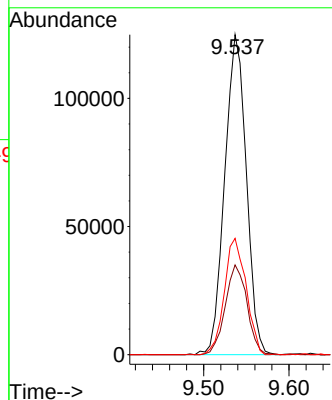
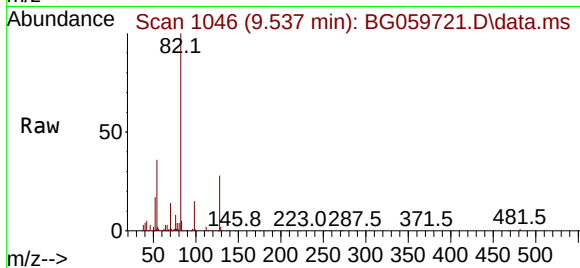
Tgt Ion: 82 Resp: 219563

Ion Ratio Lower Upper

82 100

128 28.1 23.0 34.6

54 36.3 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.966 min Scan# 1970

Delta R.T. -0.005 min

Lab File: BG059721.D

Acq: 16 Nov 2023 16:48

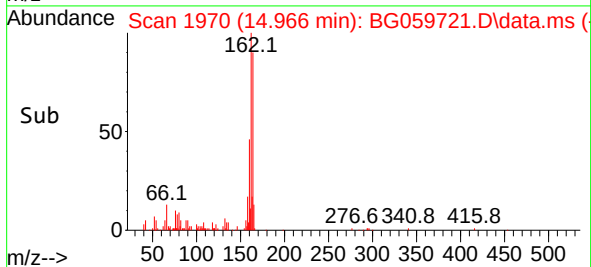
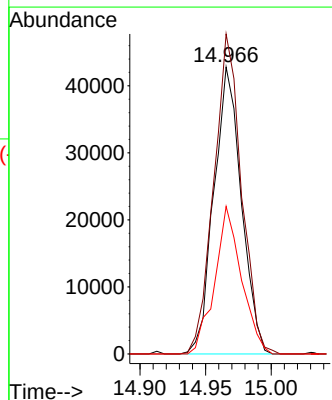
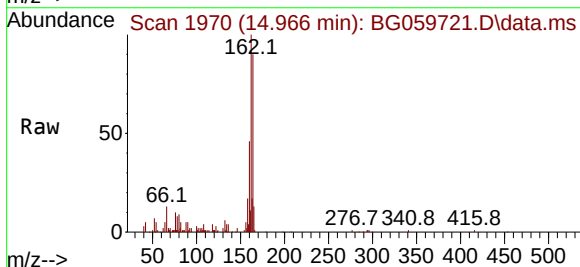
Tgt Ion:164 Resp: 62315

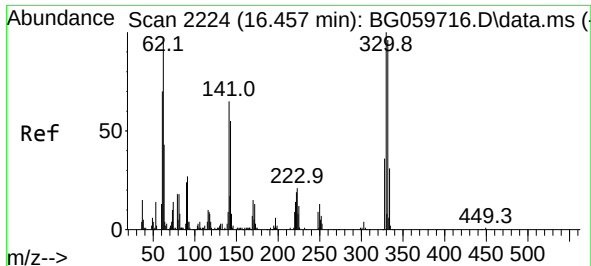
Ion Ratio Lower Upper

164 100

162 111.5 73.3 109.9#

160 51.4 34.1 51.1#

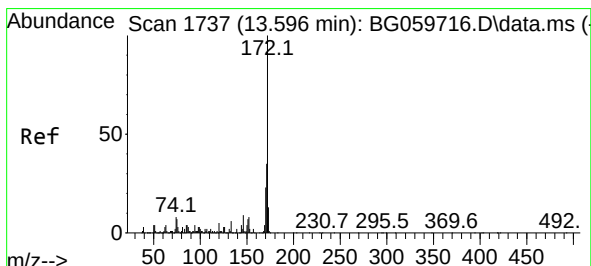
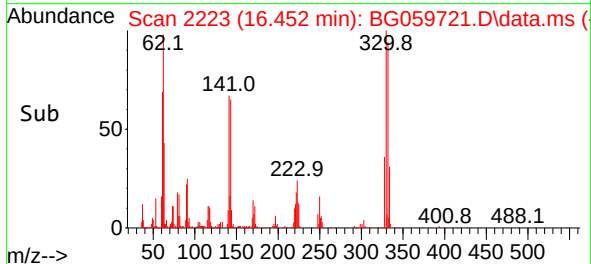
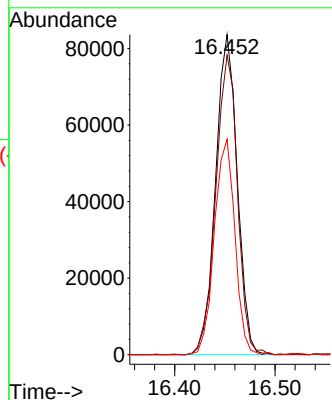
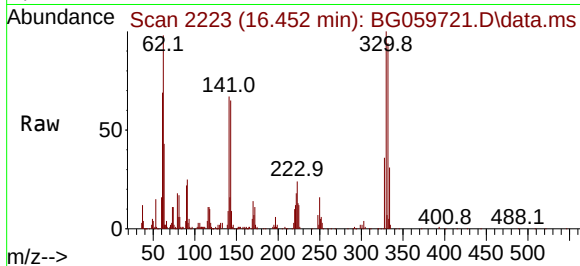




#42
2,4,6-Tribromophenol
Concen: 176.937 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

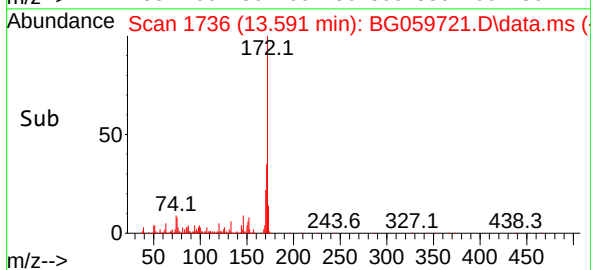
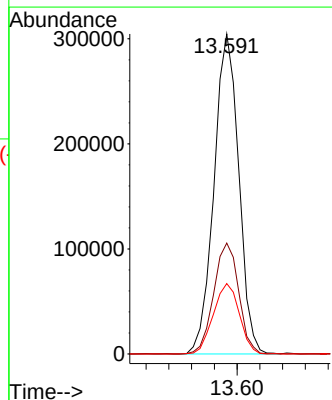
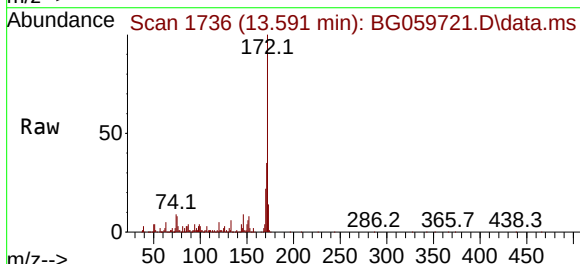
Instrument :
BNA_G
ClientSampleId :
PB157140BL

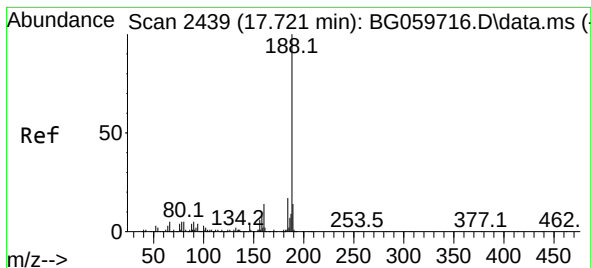
Tgt Ion:330 Resp: 125102
Ion Ratio Lower Upper
330 100
332 93.9 73.3 109.9
141 63.8 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 99.383 ng
RT: 13.591 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

Tgt Ion:172 Resp: 460094
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 22.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.715 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG059721.D

Acq: 16 Nov 2023 16:48

Instrument :

BNA_G

ClientSampleId :

PB157140BL

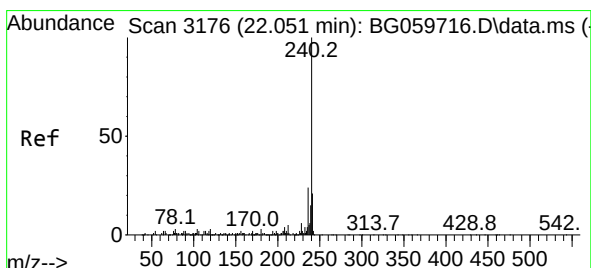
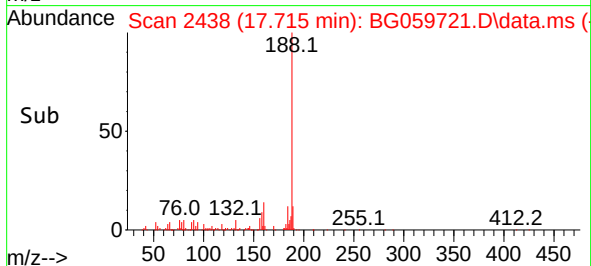
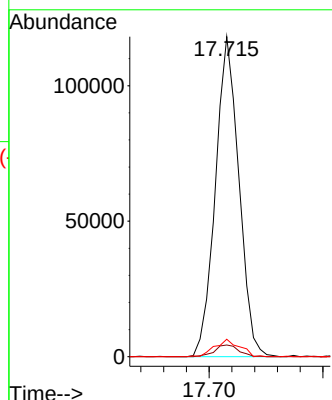
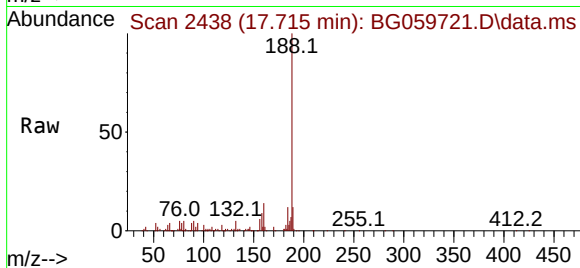
Tgt Ion:188 Resp: 169603

Ion Ratio Lower Upper

188 100

94 3.7 3.0 4.4

80 5.4 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.040 min Scan# 3174

Delta R.T. -0.011 min

Lab File: BG059721.D

Acq: 16 Nov 2023 16:48

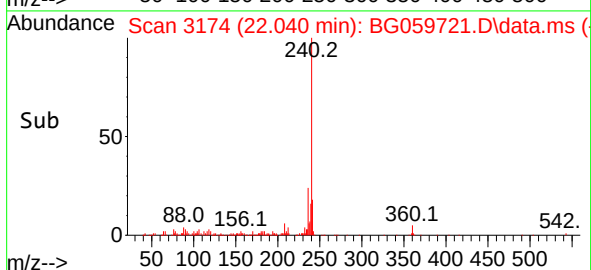
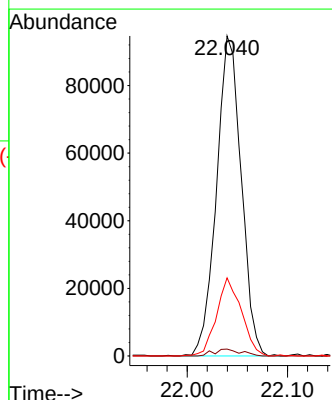
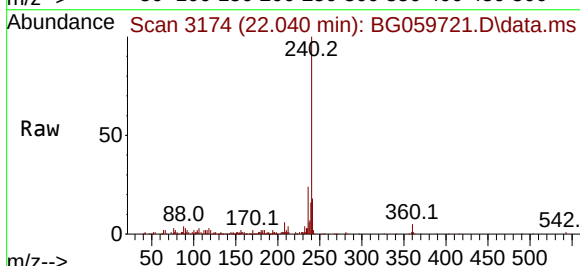
Tgt Ion:240 Resp: 161761

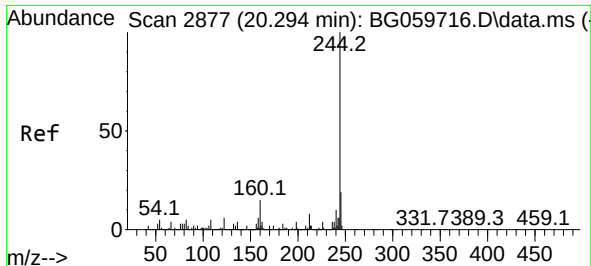
Ion Ratio Lower Upper

240 100

120 2.2 2.2 3.2

236 24.4 19.4 29.2

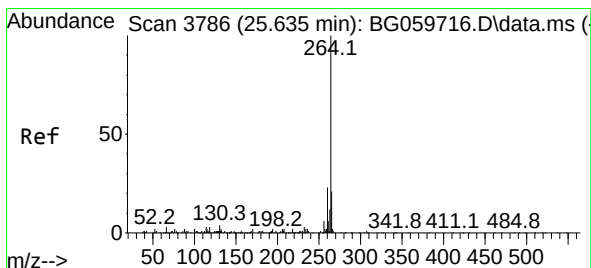
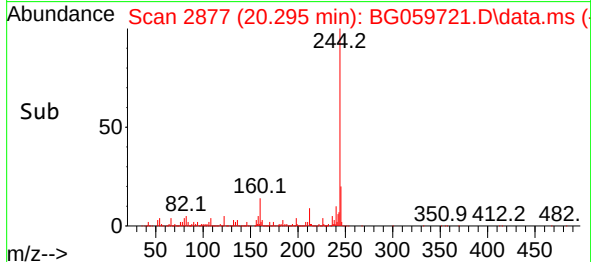
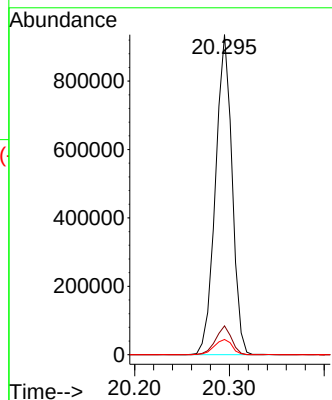
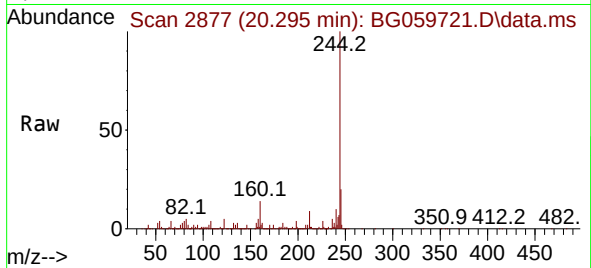




#79
 Terphenyl-d14
 Concen: 103.593 ng
 RT: 20.295 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG059721.D
 Acq: 16 Nov 2023 16:48

Instrument :
 BNA_G
 ClientSampleId :
 PB157140BL

Tgt Ion:244 Resp: 1135131
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.6 10.0
 122 4.8 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.630 min Scan# 3785
 Delta R.T. -0.005 min
 Lab File: BG059721.D
 Acq: 16 Nov 2023 16:48

Tgt Ion:264 Resp: 282765
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.6 17.0 25.6

