

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057065.D
 Acq On : 12 Apr 2023 15:41
 Operator : CG/JU
 Sample : 02292-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123

Quant Time: Apr 13 05:24:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	15528	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	57189	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	39358	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	93709	20.000	ng	0.00
76) Chrysene-d12	22.077	240	86060	20.000	ng	0.00
86) Perylene-d12	25.608	264	94357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	123211	126.992	ng	0.00
7) Phenol-d6	7.538	99	170373	117.410	ng	0.00
23) Nitrobenzene-d5	9.582	82	108914	77.926	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	78917	125.513	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	238586	82.201	ng	0.00
79) Terphenyl-d14	20.327	244	422757	83.125	ng	0.00

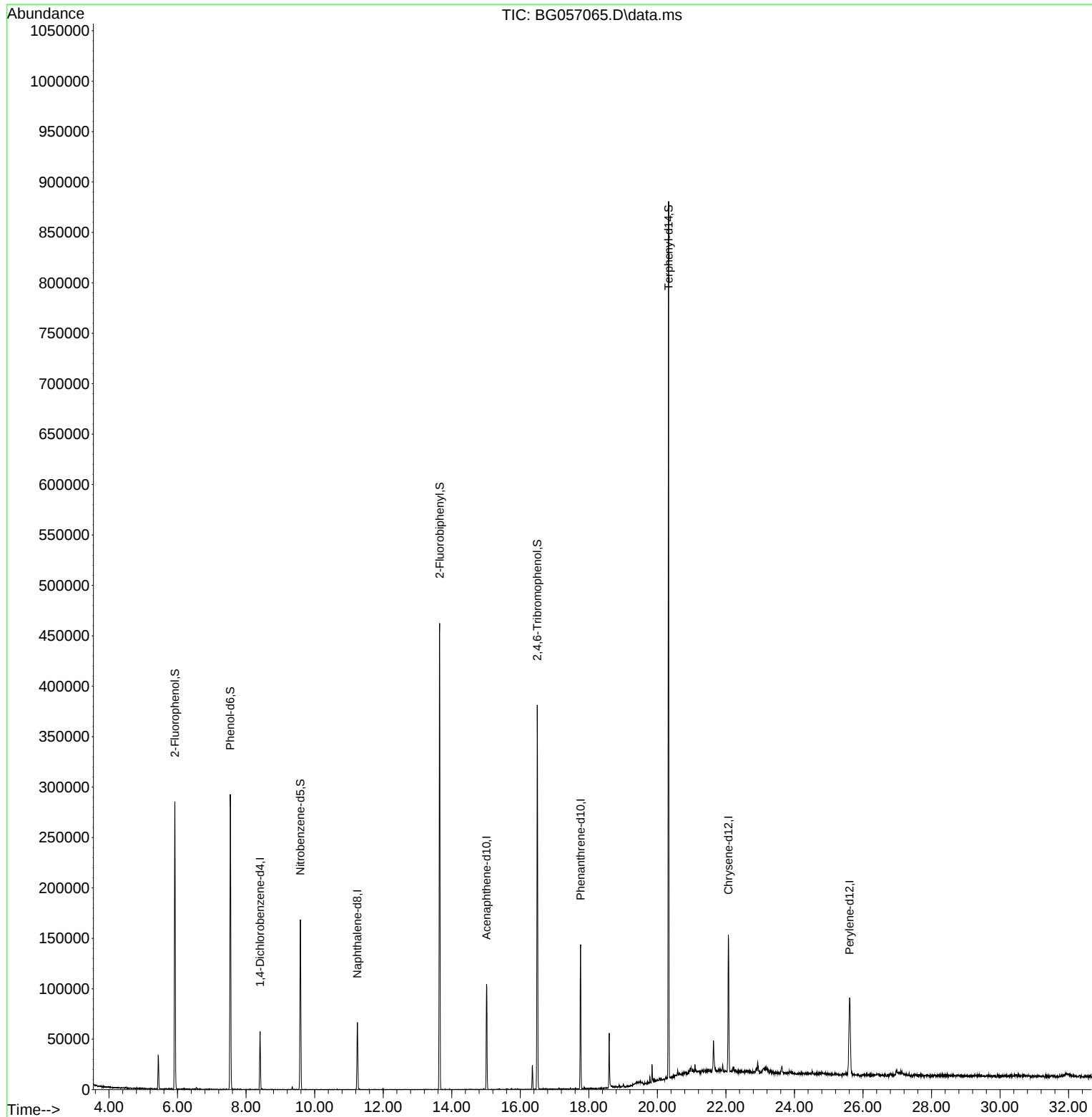
Target Compounds	Qvalue

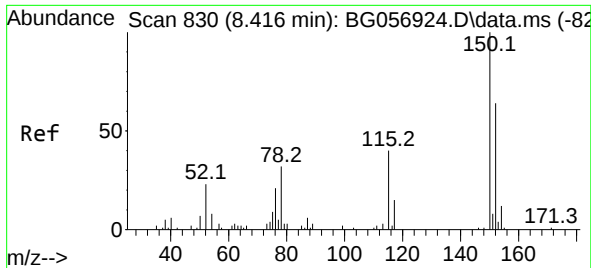
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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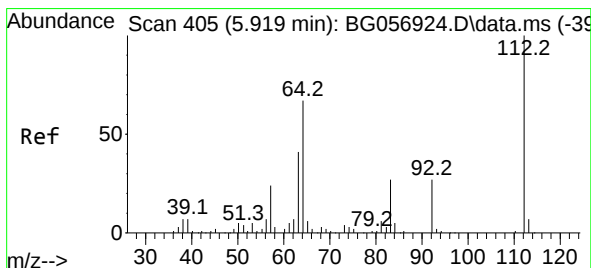
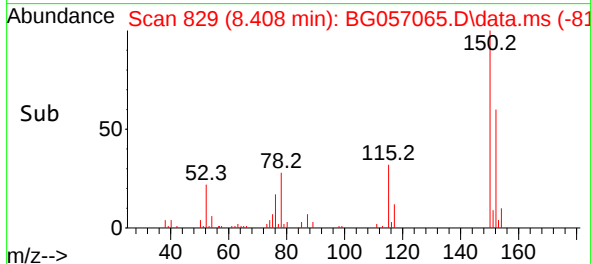
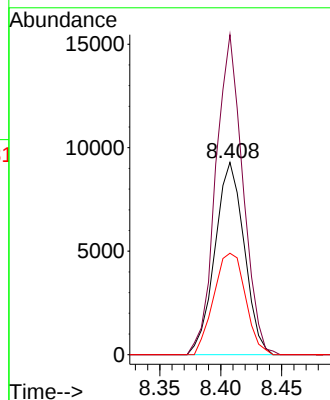
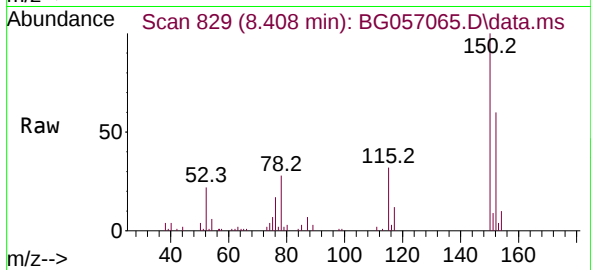




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057065.D
Acq: 12 Apr 2023 15:41

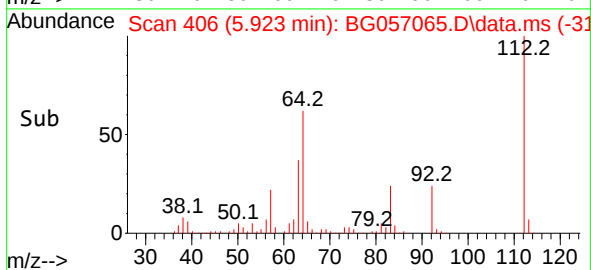
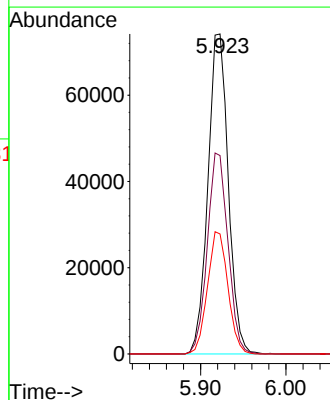
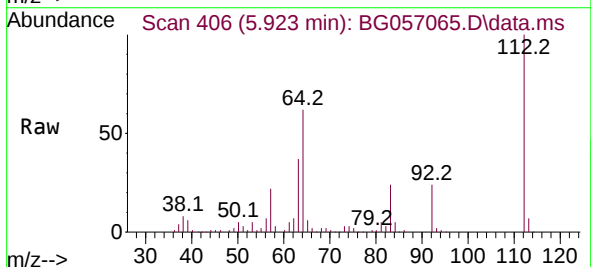
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123

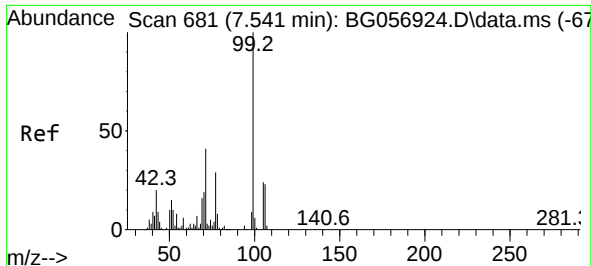
Tgt Ion:152 Resp: 15528
Ion Ratio Lower Upper
152 100
150 166.4 124.1 186.1
115 52.8 49.1 73.7



#5
2-Fluorophenol
Concen: 126.992 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.008 min
Lab File: BG057065.D
Acq: 12 Apr 2023 15:41

Tgt Ion:112 Resp: 123211
Ion Ratio Lower Upper
112 100
64 62.0 53.2 79.8
63 37.5 32.6 48.8

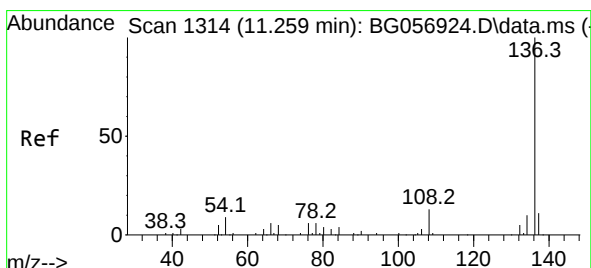
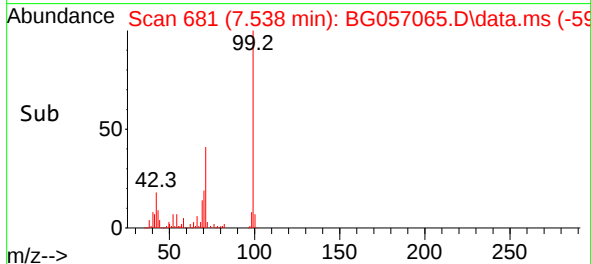
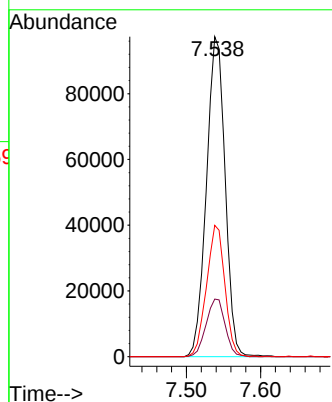
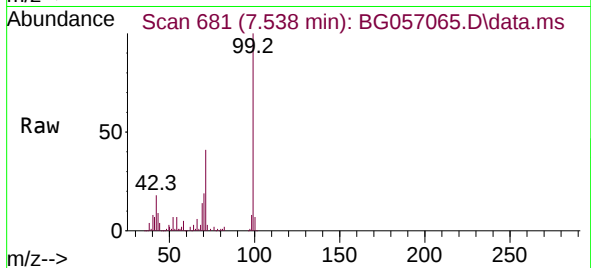




#7
Phenol-d6
Concen: 117.410 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057065.D
Acq: 12 Apr 2023 15:41

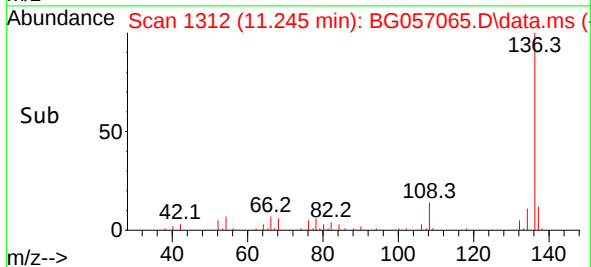
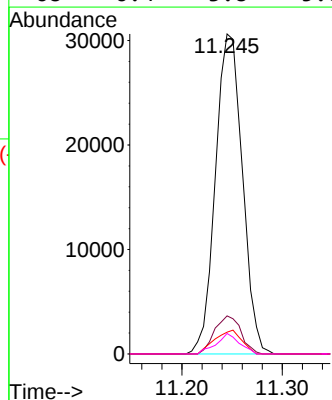
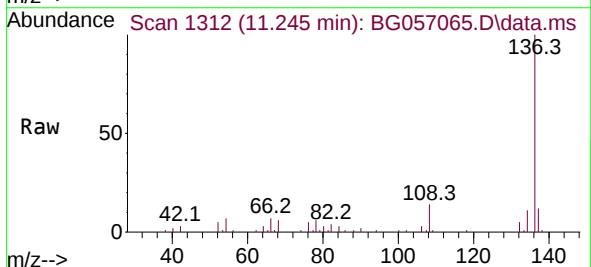
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123

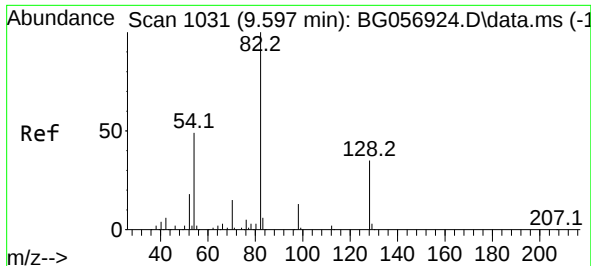
Tgt Ion: 99 Resp: 170373
Ion Ratio Lower Upper
99 100
42 18.0 15.7 23.5
71 41.1 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG057065.D
Acq: 12 Apr 2023 15:41

Tgt Ion: 136 Resp: 57189
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 6.8 6.9 10.3#
68 6.4 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 77.926 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG057065.D

Acq: 12 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123

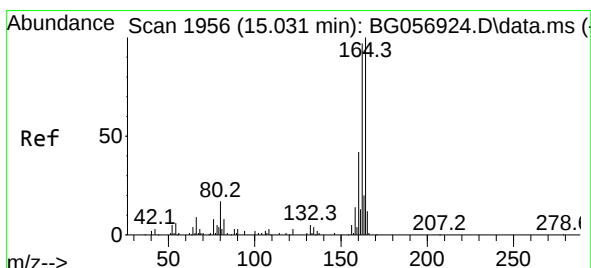
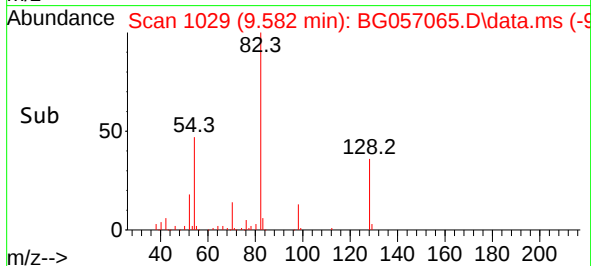
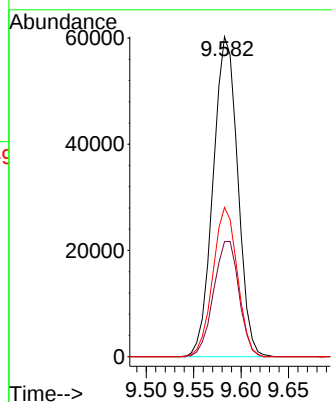
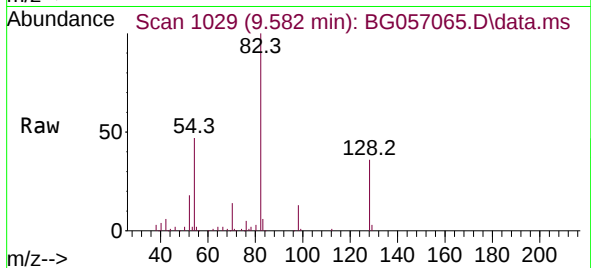
Tgt Ion: 82 Resp: 108914

Ion Ratio Lower Upper

82 100

128 35.9 27.9 41.9

54 46.6 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.004 min

Lab File: BG057065.D

Acq: 12 Apr 2023 15:41

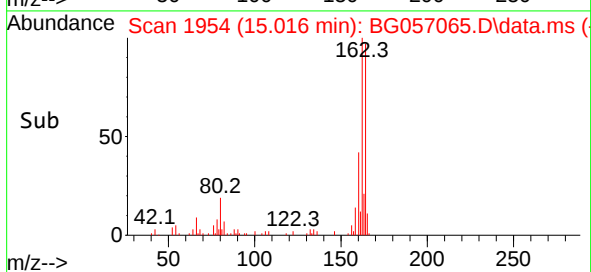
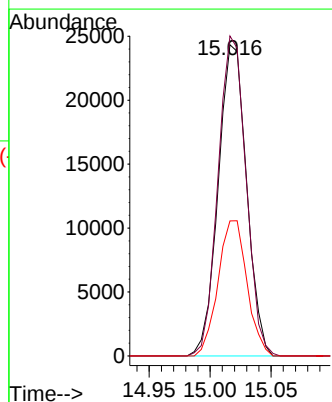
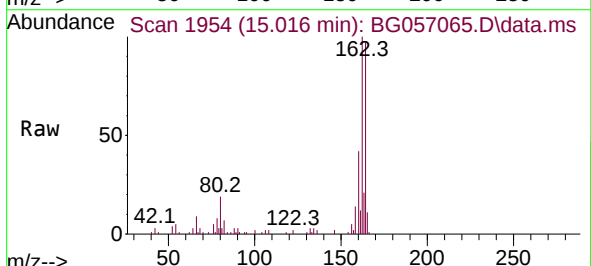
Tgt Ion: 164 Resp: 39358

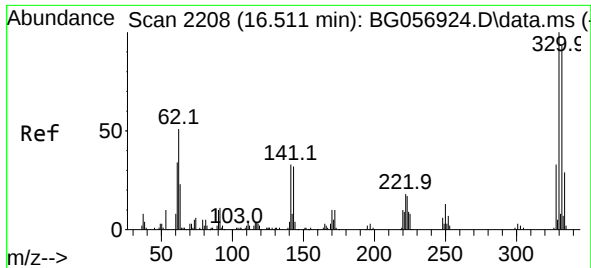
Ion Ratio Lower Upper

164 100

162 102.8 77.8 116.8

160 43.4 33.5 50.3

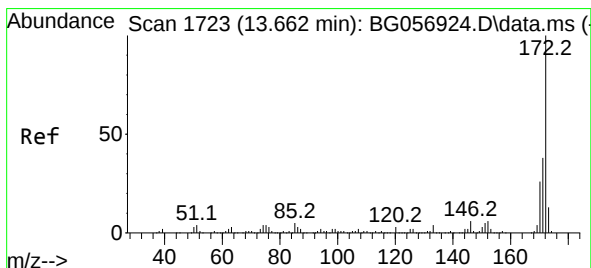
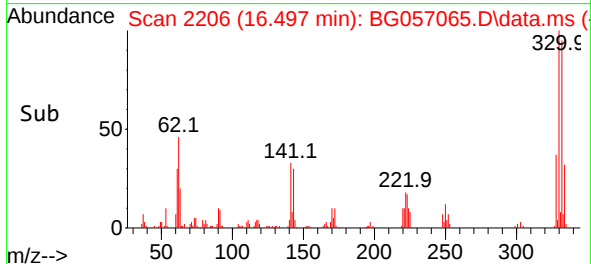
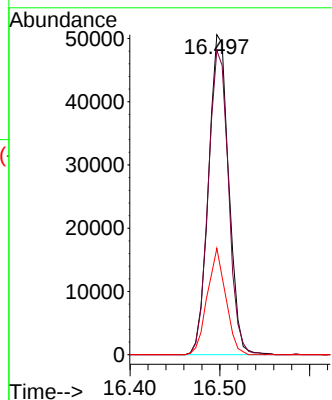
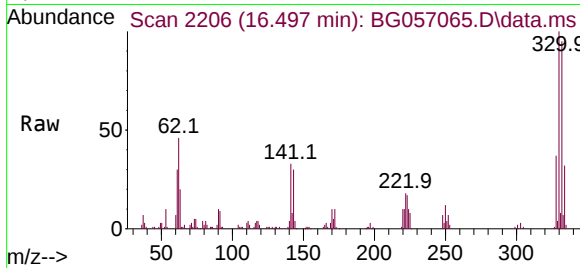




#42
2,4,6-Tribromophenol
Concen: 125.513 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057065.D
Acq: 12 Apr 2023 15:41

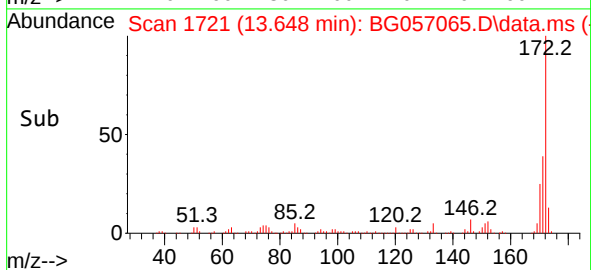
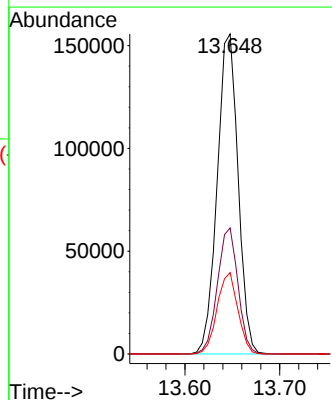
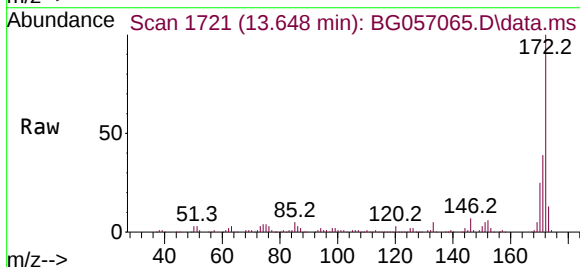
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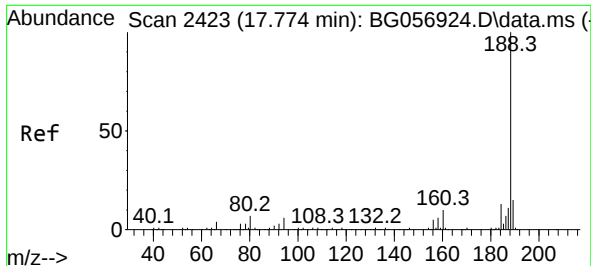
Tgt Ion:330 Resp: 78917
Ion Ratio Lower Upper
330 100
332 95.2 76.1 114.1
141 30.4 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 82.201 ng
RT: 13.648 min Scan# 1721
Delta R.T. 0.002 min
Lab File: BG057065.D
Acq: 12 Apr 2023 15:41

Tgt Ion:172 Resp: 238586
Ion Ratio Lower Upper
172 100
171 39.4 30.6 46.0
170 25.5 20.6 30.8

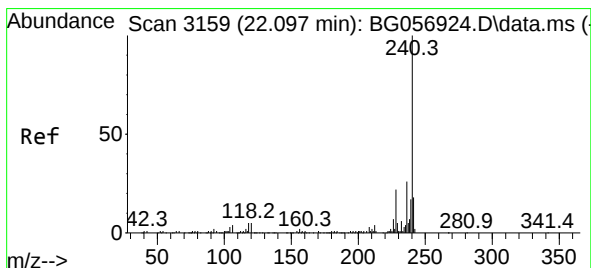
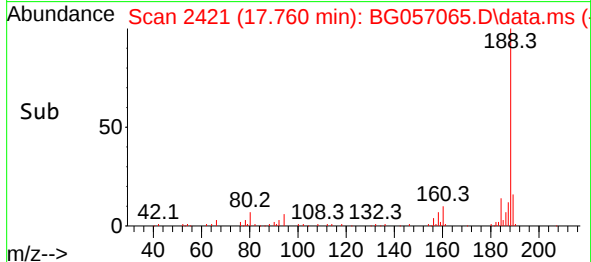
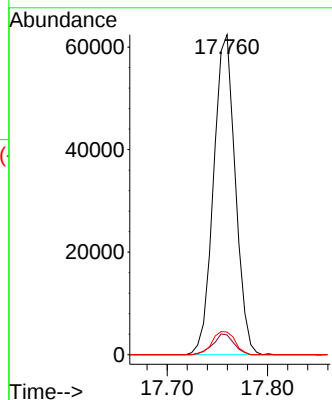
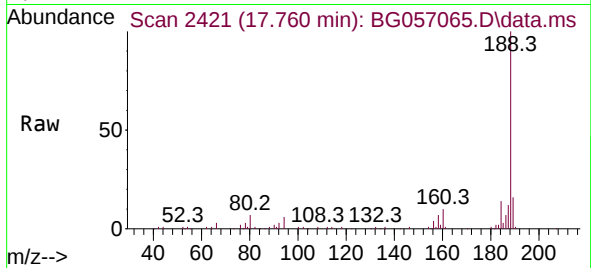




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.760 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG057065.D
Acq: 12 Apr 2023 15:41

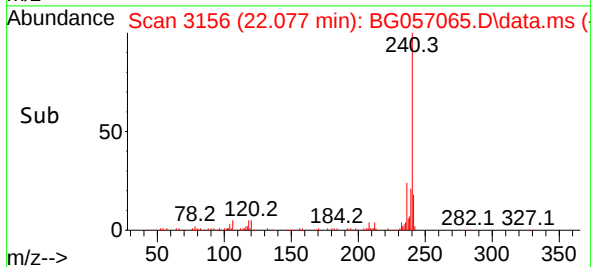
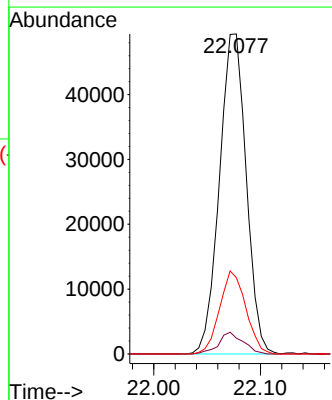
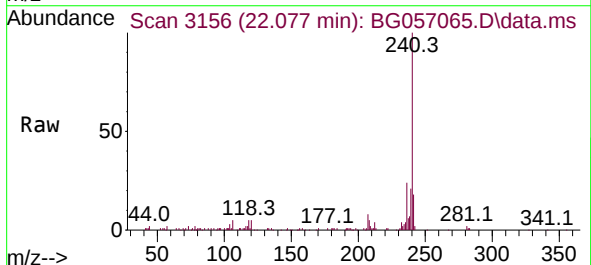
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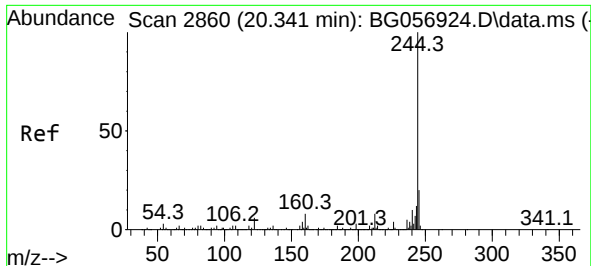
Tgt Ion:188 Resp: 93709
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 7.0 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3156
Delta R.T. -0.004 min
Lab File: BG057065.D
Acq: 12 Apr 2023 15:41

Tgt Ion:240 Resp: 86060
Ion Ratio Lower Upper
240 100
120 5.0 3.8 5.6
236 23.9 21.0 31.6

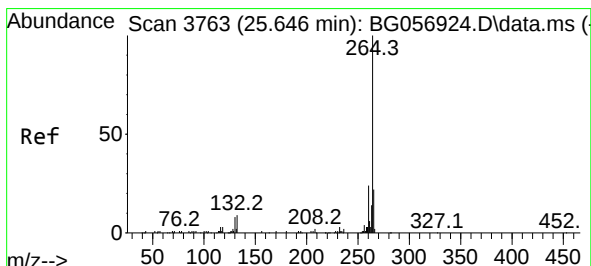
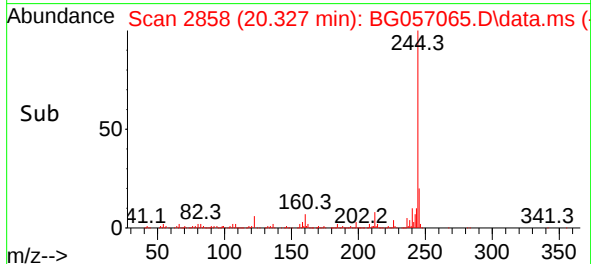
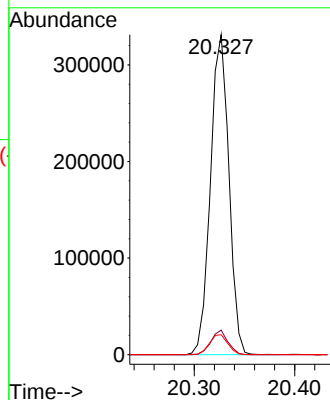
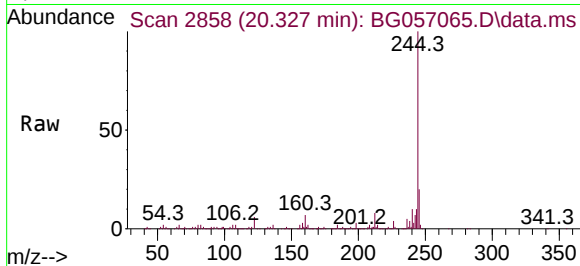




#79
 Terphenyl-d14
 Concen: 83.125 ng
 RT: 20.327 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057065.D
 Acq: 12 Apr 2023 15:41

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123

Tgt Ion:244 Resp: 422757
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.608 min Scan# 3757
 Delta R.T. -0.004 min
 Lab File: BG057065.D
 Acq: 12 Apr 2023 15:41

Tgt Ion:264 Resp: 94357
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 22.2 17.8 26.6

