

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057095.D
 Acq On : 14 Apr 2023 11:10
 Operator : CG/JU
 Sample : PB152103BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152103BL

Quant Time: Apr 14 11:49:51 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	8.396	152	12783	20.000	ng	-0.01
21) Naphthalene-d8	11.239	136	56046	20.000	ng	0.00
39) Acenaphthene-d10	15.011	164	42634	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	113750	20.000	ng	# 0.00
76) Chrysene-d12	22.066	240	102715	20.000	ng	#-0.02
86) Perylene-d12	25.602	264	110033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	138013	172.794	ng	0.00
7) Phenol-d6	7.533	99	193990	162.392	ng	0.00
23) Nitrobenzene-d5	9.577	82	121669	88.827	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	103985	152.674	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	294397	93.635	ng	0.00
79) Terphenyl-d14	20.321	244	659605	108.665	ng	0.00

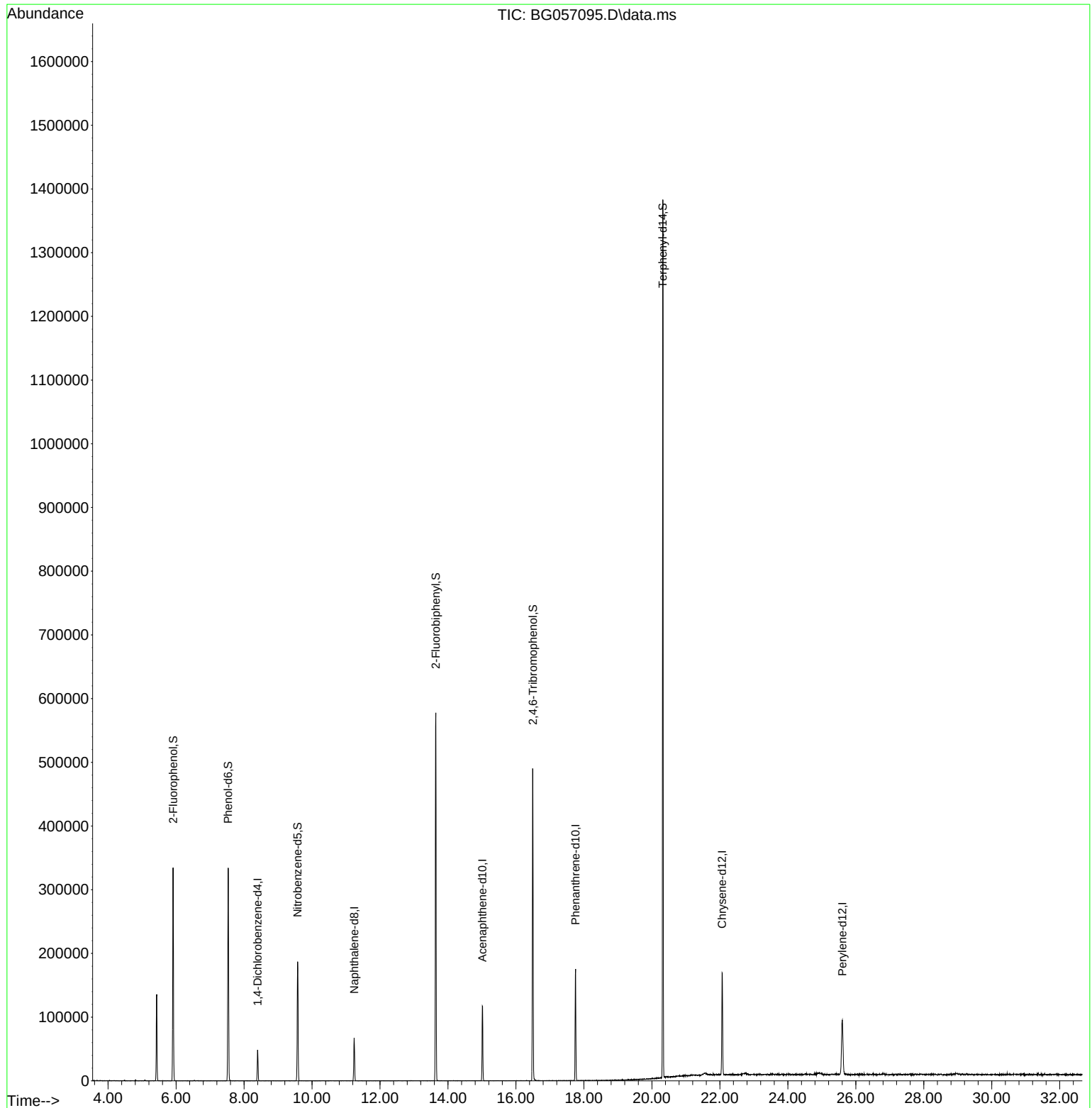
Target Compounds	Qvalue

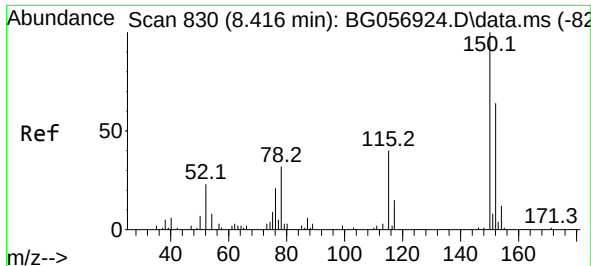
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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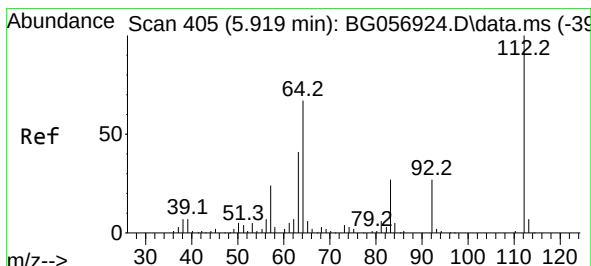
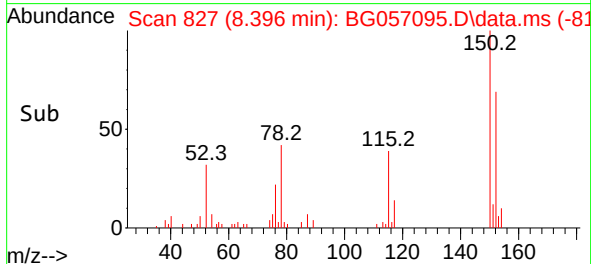
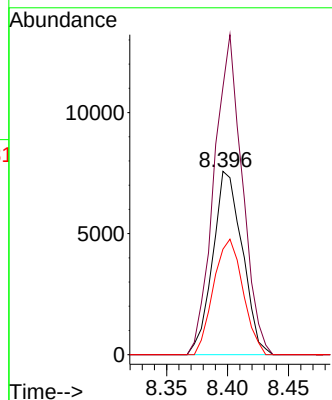
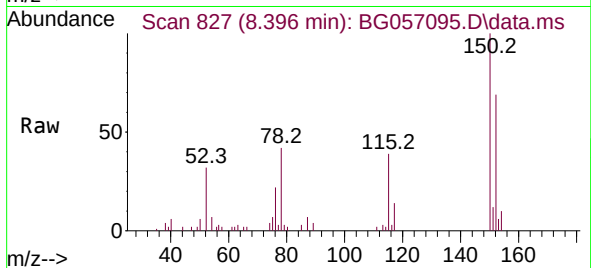




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.396 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

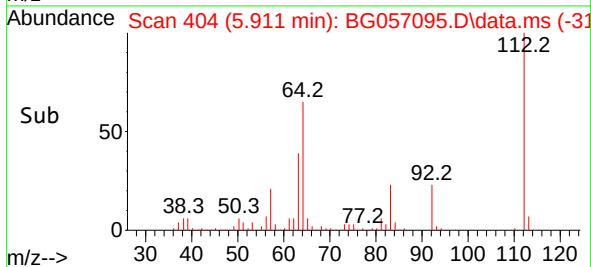
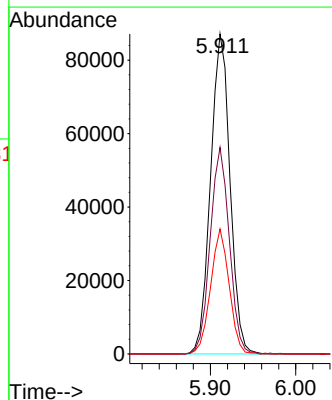
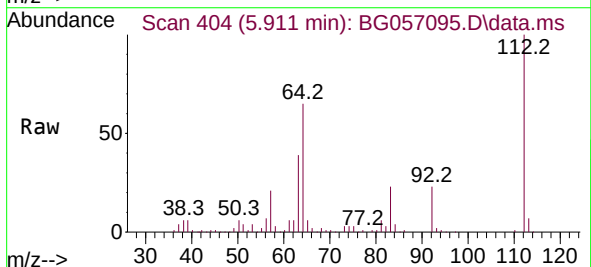
Instrument :
BNA_G
ClientSampleId :
PB152103BL

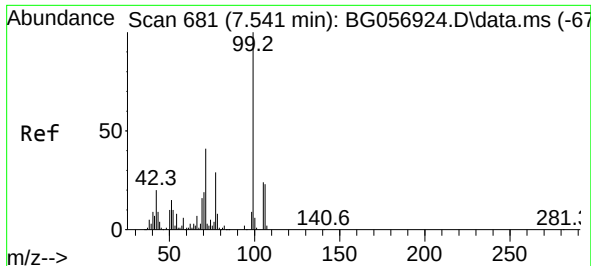
Tgt Ion:152 Resp: 12783
Ion Ratio Lower Upper
152 100
150 145.9 124.1 186.1
115 57.5 49.1 73.7



#5
2-Fluorophenol
Concen: 172.794 ng
RT: 5.911 min Scan# 404
Delta R.T. -0.003 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

Tgt Ion:112 Resp: 138013
Ion Ratio Lower Upper
112 100
64 64.5 53.2 79.8
63 39.0 32.6 48.8

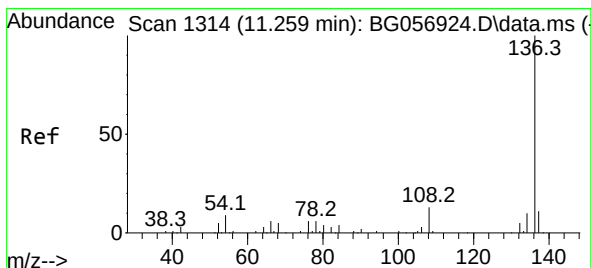
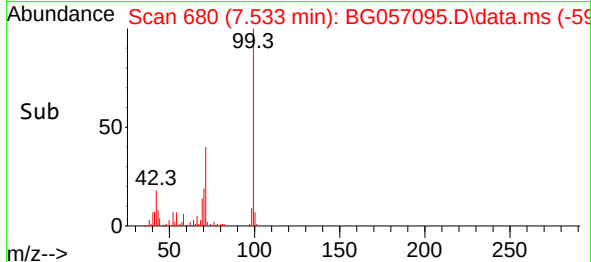
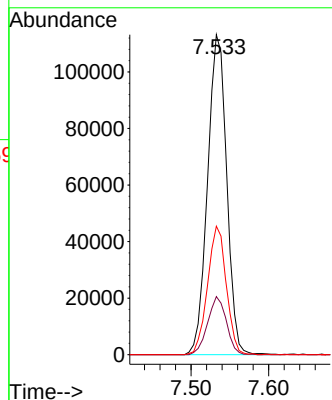
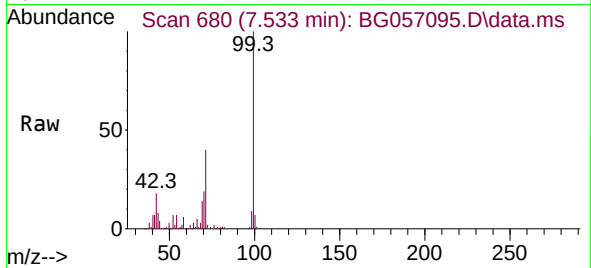




#7
Phenol-d6
Concen: 162.392 ng
RT: 7.533 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

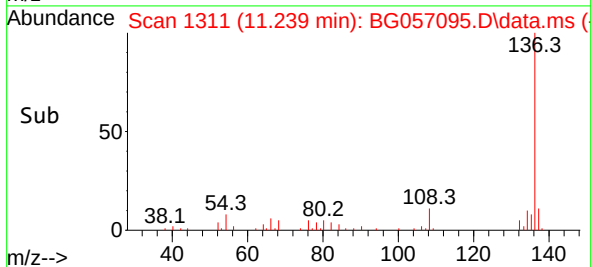
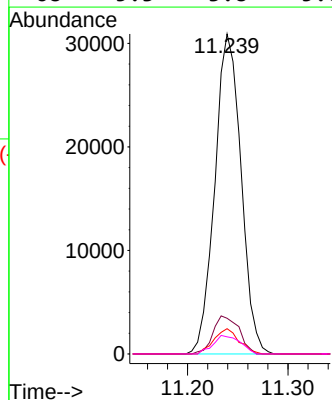
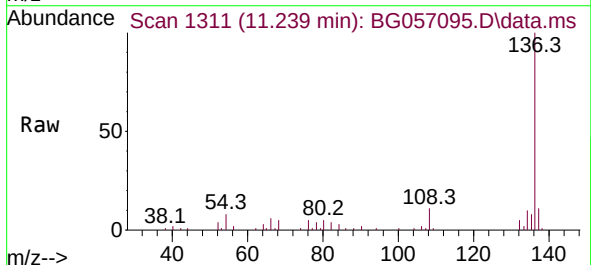
Instrument :
BNA_G
ClientSampleId :
PB152103BL

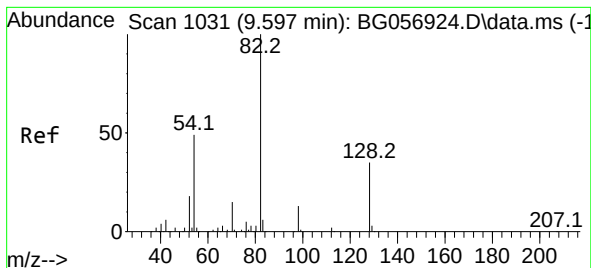
Tgt Ion: 99 Resp: 193990
Ion Ratio Lower Upper
99 100
42 18.1 15.7 23.5
71 40.1 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 1311
Delta R.T. -0.009 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

Tgt Ion: 136 Resp: 56046
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.9 6.9 10.3
68 5.3 3.8 5.6





#23

Nitrobenzene-d5

Concen: 88.827 ng

RT: 9.577 min Scan# 1028

Delta R.T. -0.009 min

Lab File: BG057095.D

Acq: 14 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152103BL

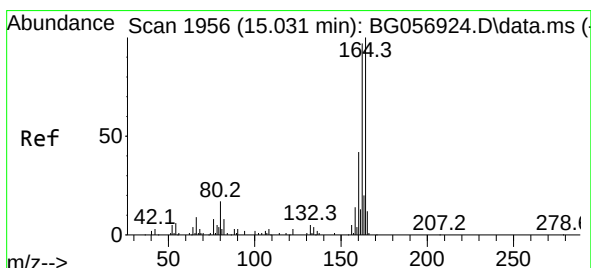
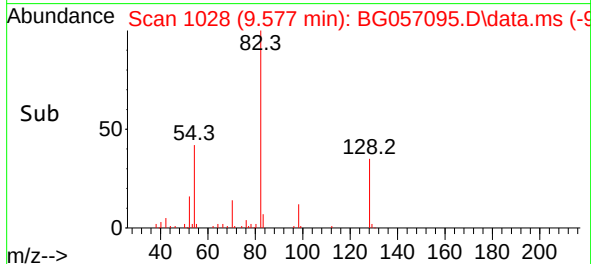
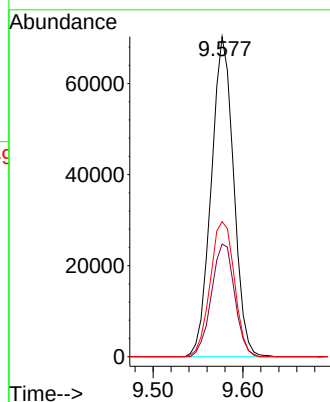
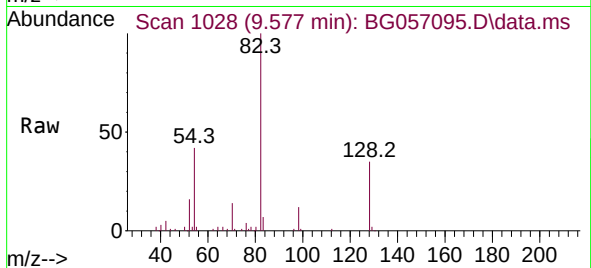
Tgt Ion: 82 Resp: 121669

Ion Ratio Lower Upper

82 100

128 35.2 27.9 41.9

54 42.2 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.011 min Scan# 1953

Delta R.T. -0.009 min

Lab File: BG057095.D

Acq: 14 Apr 2023 11:10

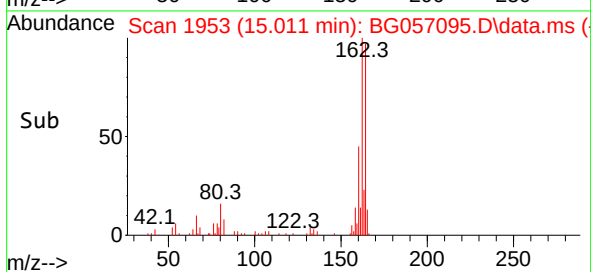
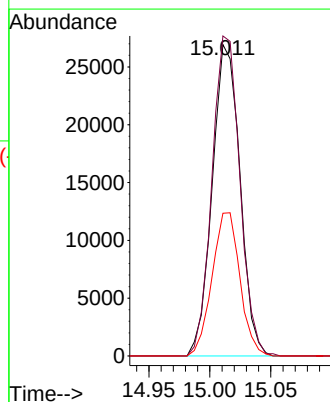
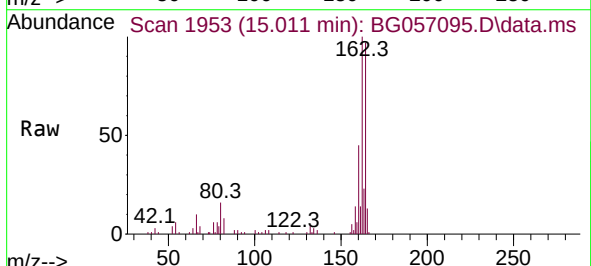
Tgt Ion:164 Resp: 42634

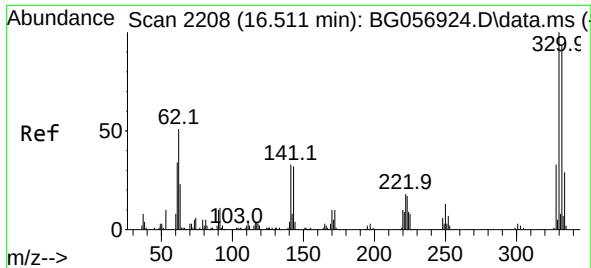
Ion Ratio Lower Upper

164 100

162 102.8 77.8 116.8

160 45.9 33.5 50.3

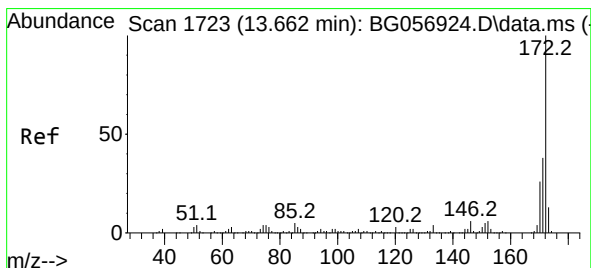
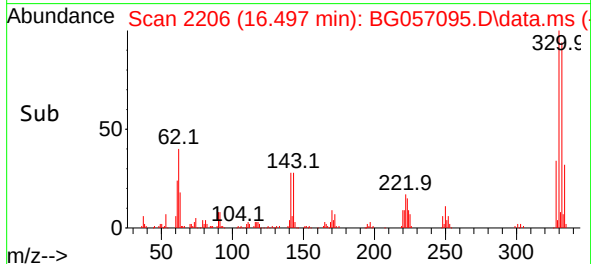
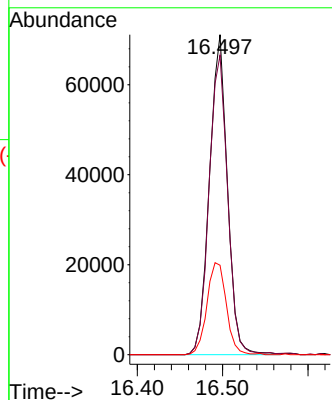
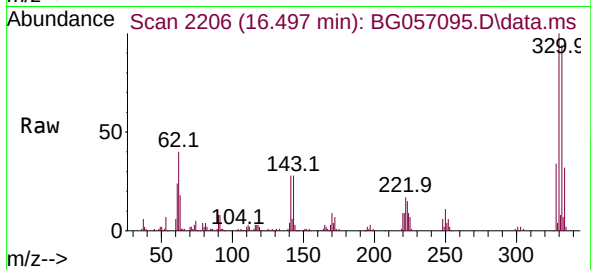




#42
2,4,6-Tribromophenol
Concen: 152.674 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

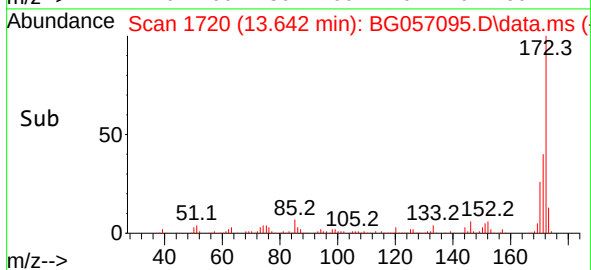
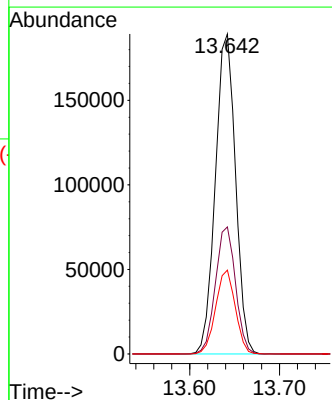
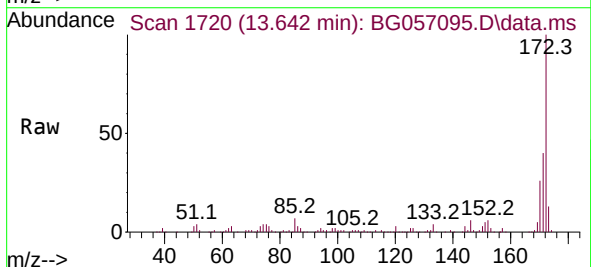
Instrument :
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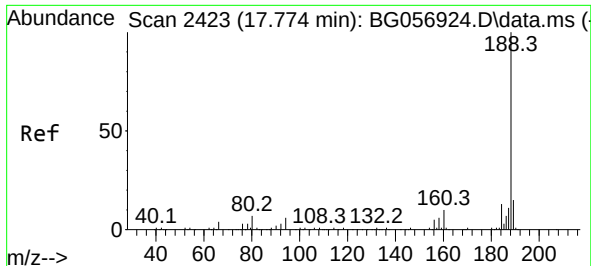
Tgt Ion:330 Resp: 103985
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 31.1 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 93.635 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

Tgt Ion:172 Resp: 294397
Ion Ratio Lower Upper
172 100
171 39.7 30.6 46.0
170 26.2 20.6 30.8

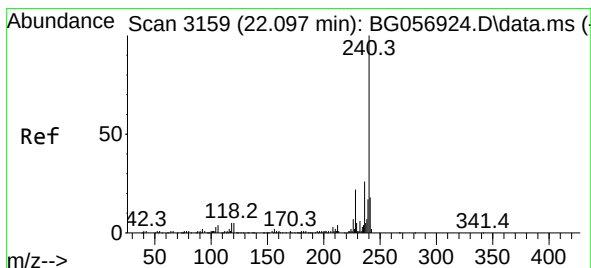
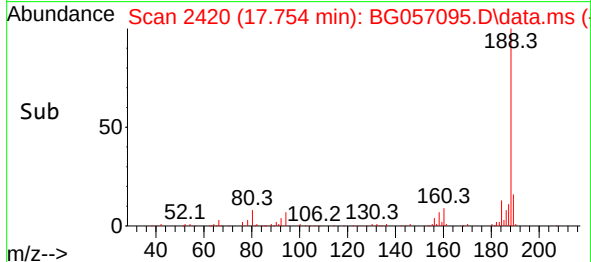
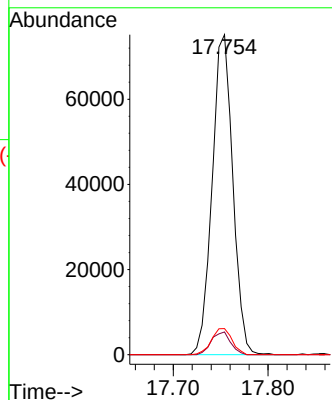
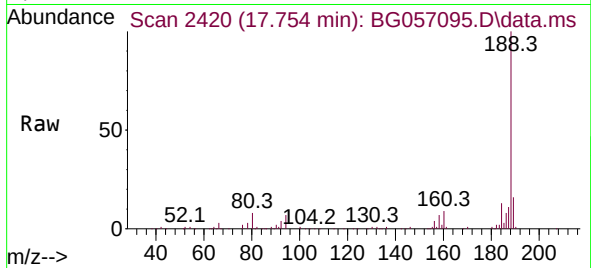




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

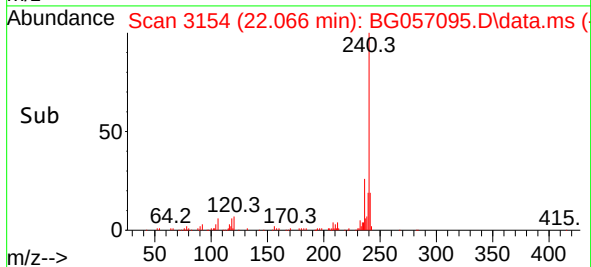
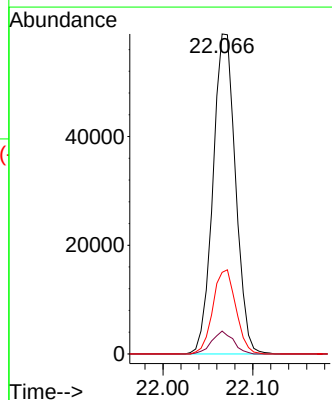
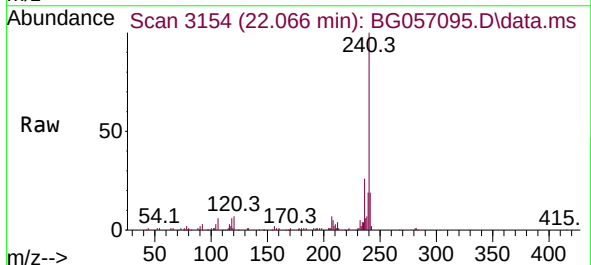
Instrument :
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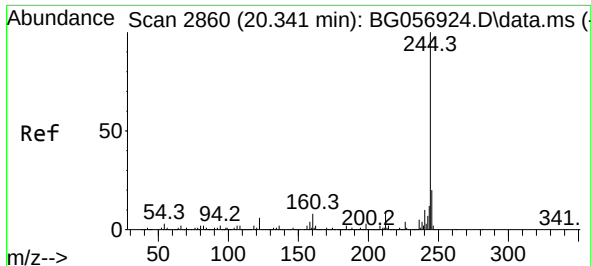
Tgt Ion:188 Resp: 113750
Ion Ratio Lower Upper
188 100
94 7.1 4.6 6.8#
80 8.2 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.015 min
Lab File: BG057095.D
Acq: 14 Apr 2023 11:10

Tgt Ion:240 Resp: 102715
Ion Ratio Lower Upper
240 100
120 7.1 3.8 5.6#
236 25.5 21.0 31.6

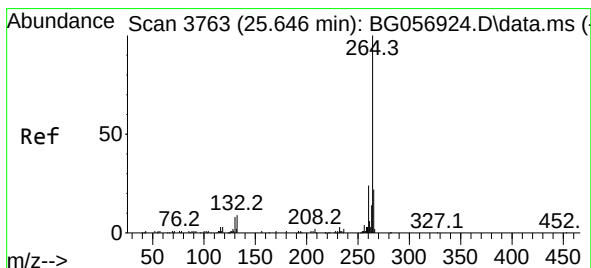
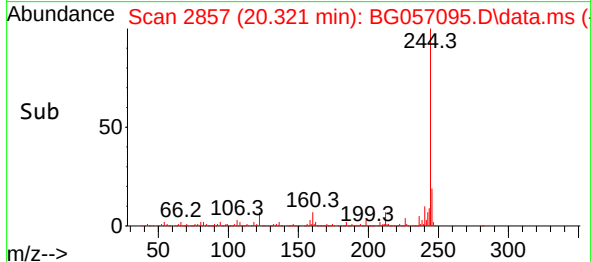
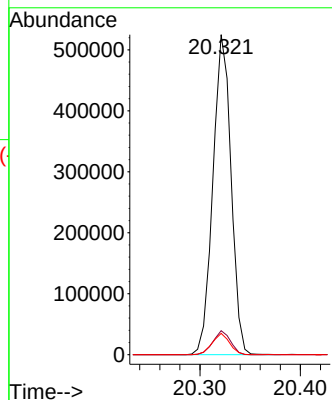
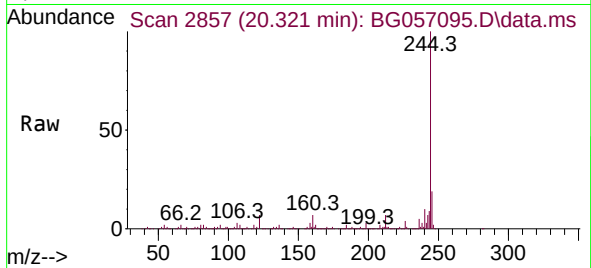




#79
 Terphenyl-d14
 Concen: 108.665 ng
 RT: 20.321 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057095.D
 Acq: 14 Apr 2023 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB152103BL

Tgt Ion:244 Resp: 659605
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.602 min Scan# 3756
 Delta R.T. -0.009 min
 Lab File: BG057095.D
 Acq: 14 Apr 2023 11:10

Tgt Ion:264 Resp: 110033
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 20.3 17.8 26.6

