

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057836.D
 Acq On : 23 Jun 2023 10:38
 Operator : CG/JU
 Sample : 03238-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4B

Quant Time: Jun 23 12:14:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	30592	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	137609	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	106195	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	276138	20.000	ng	0.00
76) Chrysene-d12	21.555	240	239224	20.000	ng	0.00
86) Perylene-d12	24.710	264	294227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	121662	61.320	ng	0.00
7) Phenol-d6	7.077	99	108588	35.869	ng	-0.01
23) Nitrobenzene-d5	9.081	82	250018	93.248	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	231523	156.510	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	579384	82.751	ng	0.00
79) Terphenyl-d14	19.921	244	1158104	90.270	ng	0.00

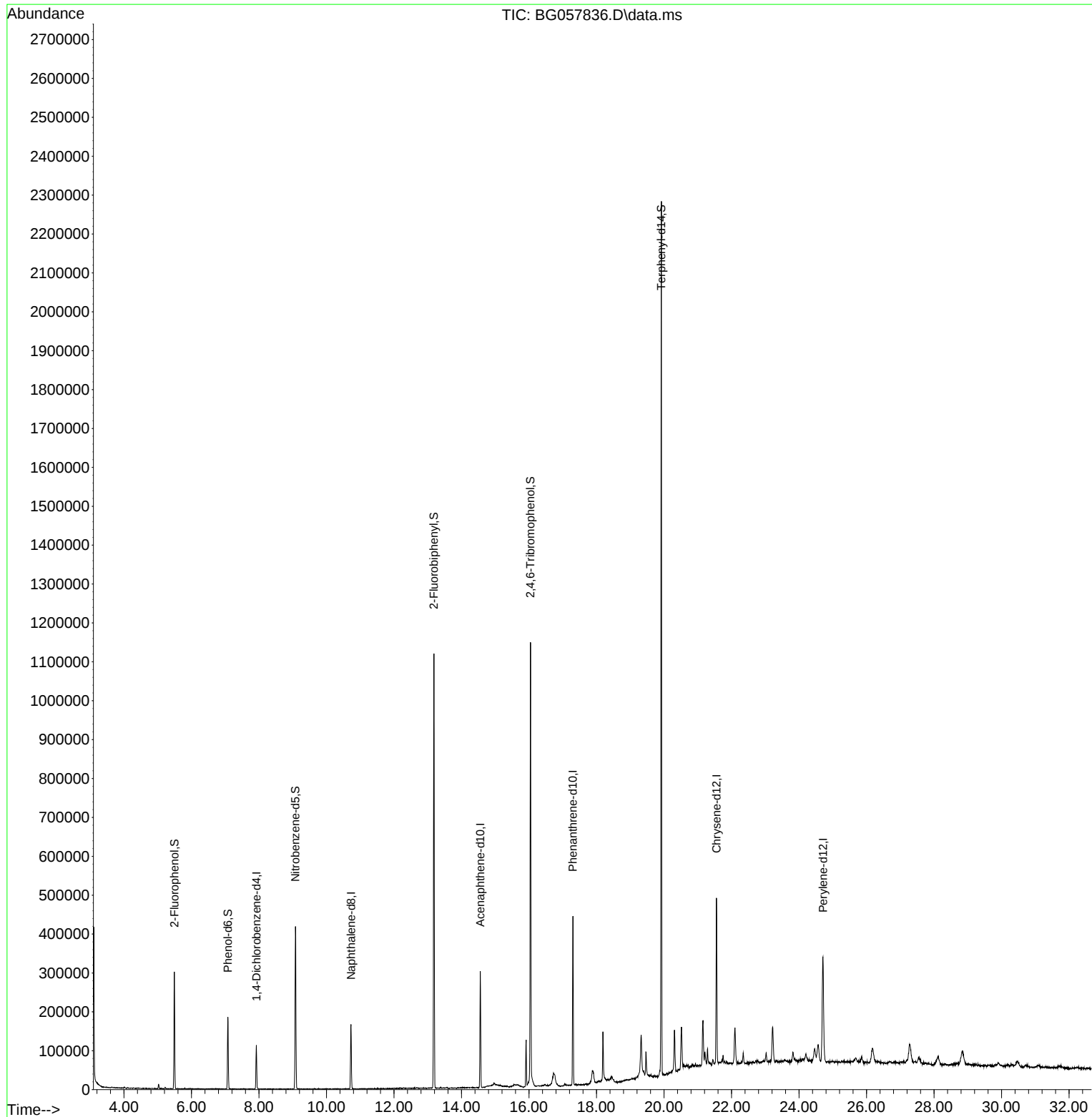
Target Compounds	Qvalue

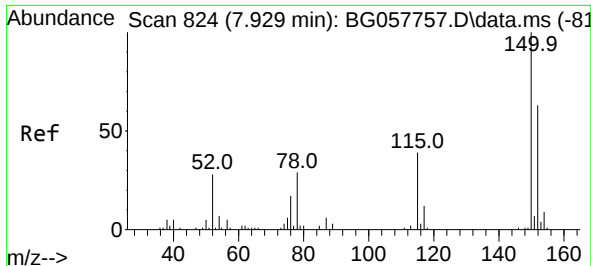
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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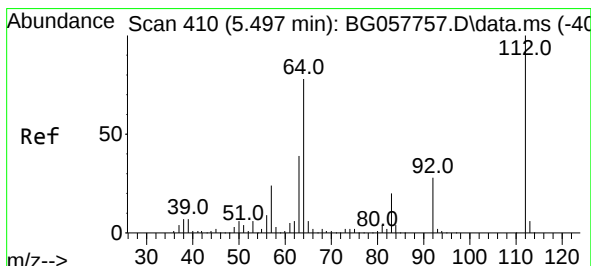
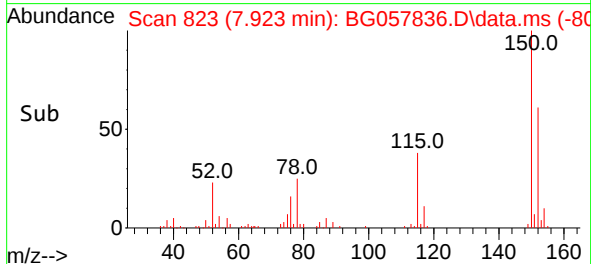
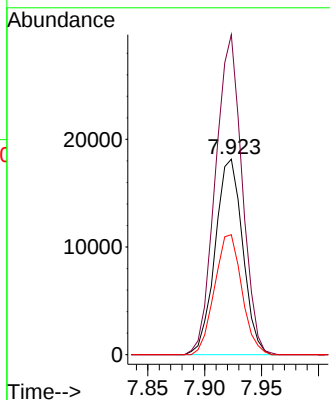
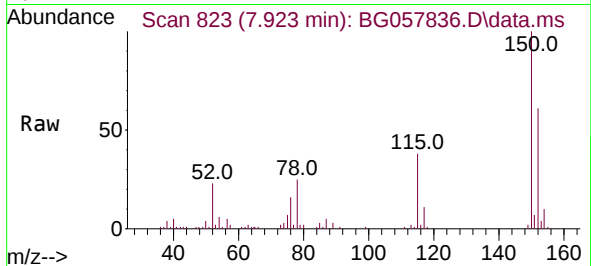




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

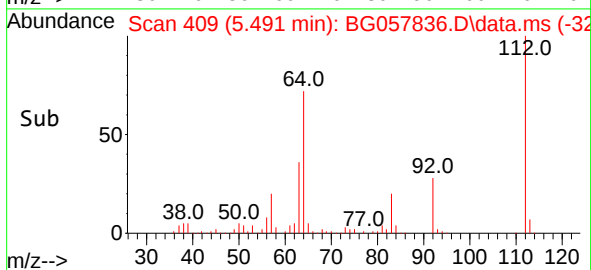
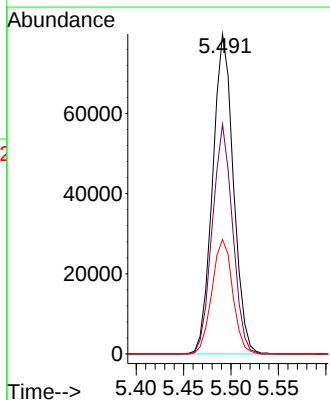
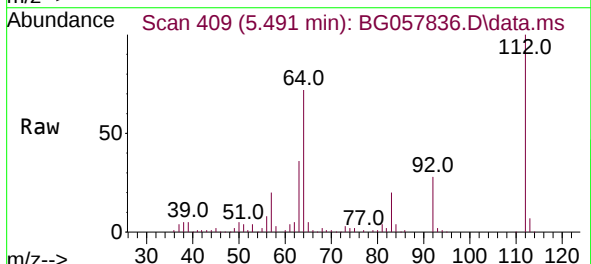
Instrument :
BNA_G
ClientSampleId :
MW-4B

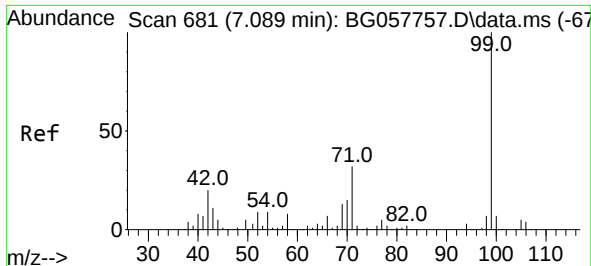
Tgt Ion:152 Resp: 30592
Ion Ratio Lower Upper
152 100
150 163.7 126.6 189.8
115 61.4 48.9 73.3



#5
2-Fluorophenol
Concen: 61.320 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion:112 Resp: 121662
Ion Ratio Lower Upper
112 100
64 71.8 62.1 93.1
63 35.8 31.5 47.3

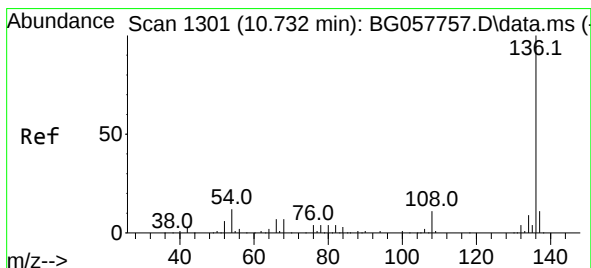
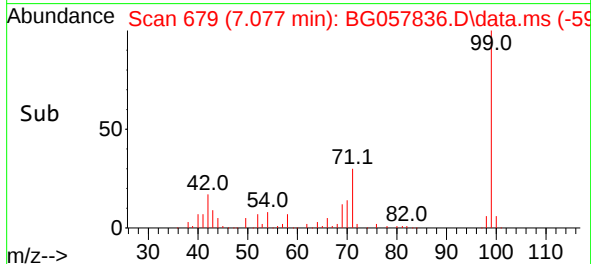
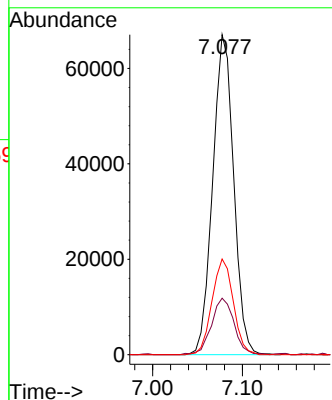
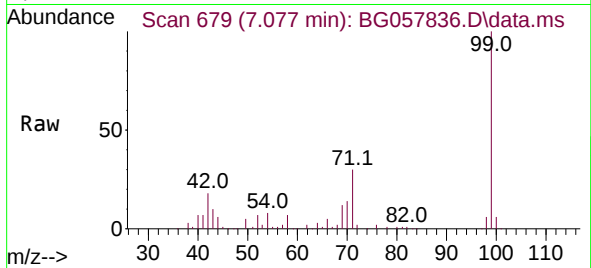




#7
Phenol-d6
Concen: 35.869 ng
RT: 7.077 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

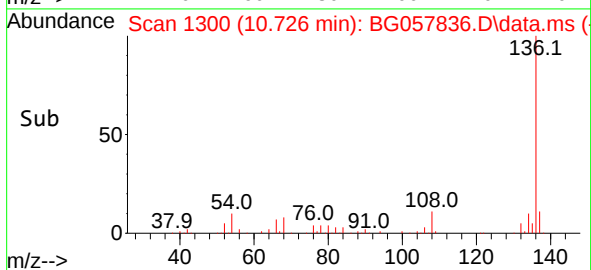
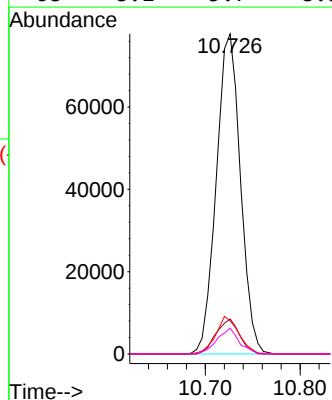
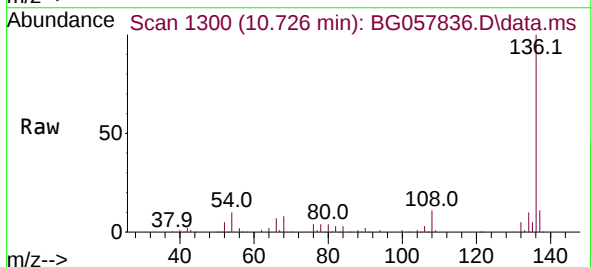
Instrument :
BNA_G
ClientSampleId :
MW-4B

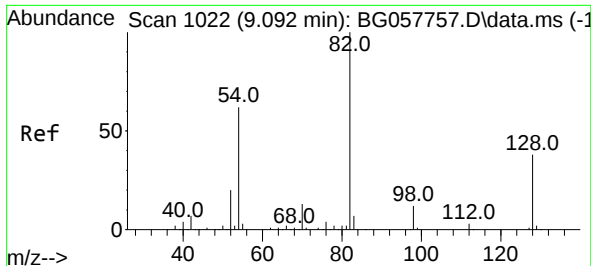
Tgt Ion: 99 Resp: 108588
Ion Ratio Lower Upper
99 100
42 17.6 16.4 24.6
71 29.9 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion: 136 Resp: 137609
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.4 9.5 14.3
68 8.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 93.248 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057836.D

Acq: 23 Jun 2023 10:38

Instrument :

BNA_G

ClientSampleId :

MW-4B

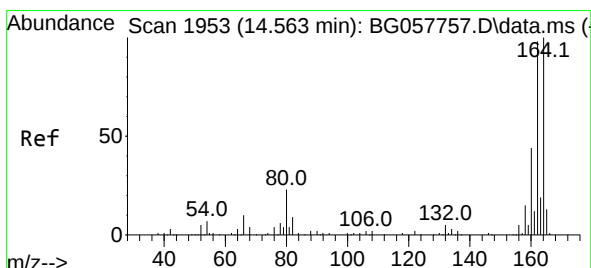
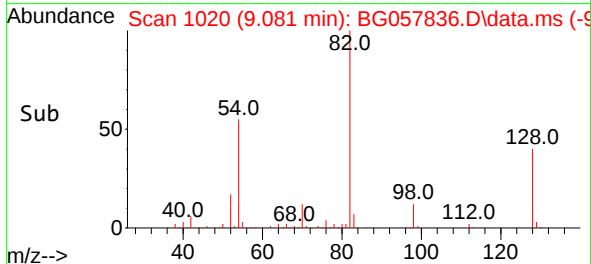
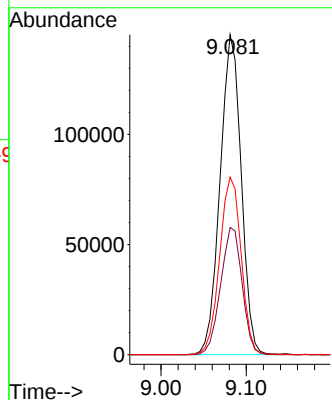
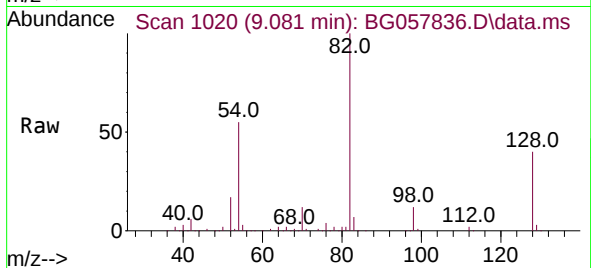
Tgt Ion: 82 Resp: 250018

Ion Ratio Lower Upper

82 100

128 39.8 30.7 46.1

54 55.5 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BG057836.D

Acq: 23 Jun 2023 10:38

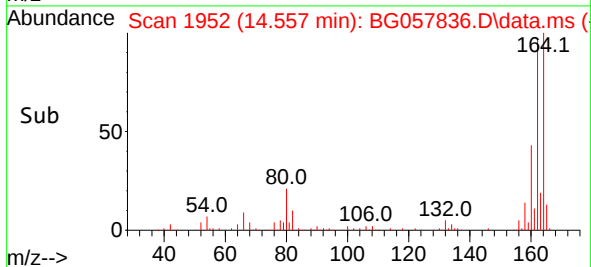
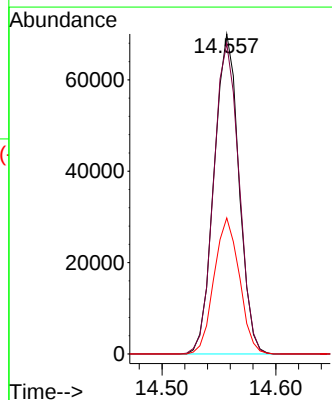
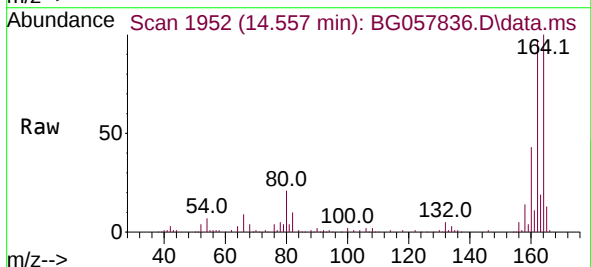
Tgt Ion:164 Resp: 106195

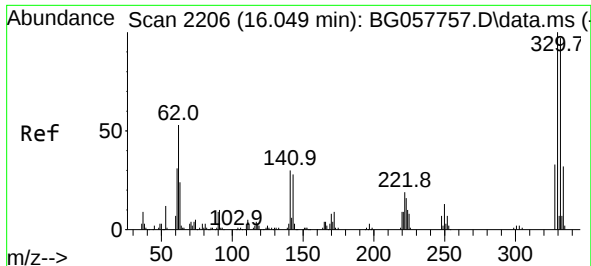
Ion Ratio Lower Upper

164 100

162 97.0 78.3 117.5

160 42.5 35.4 53.0

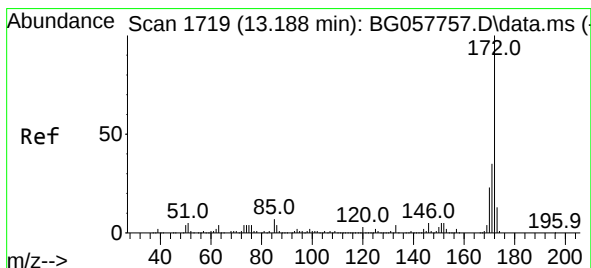
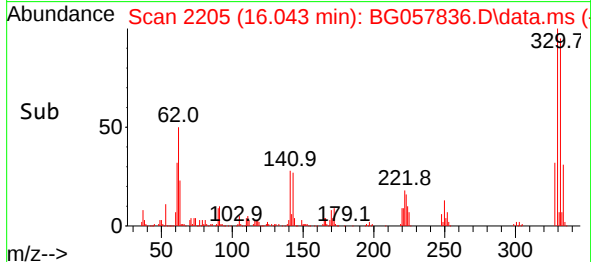
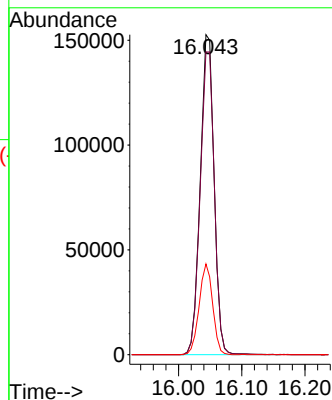
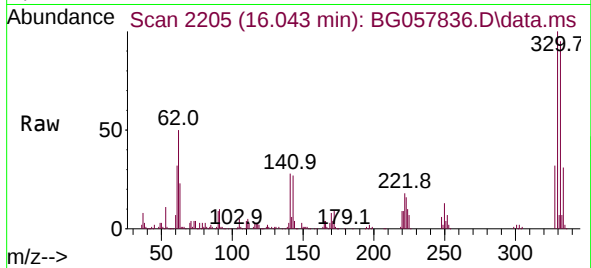




#42
2,4,6-Tribromophenol
Concen: 156.510 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

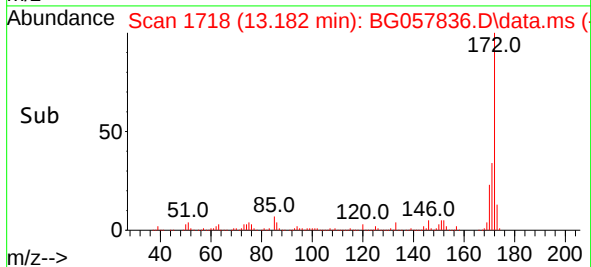
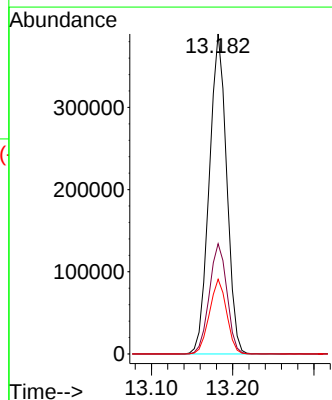
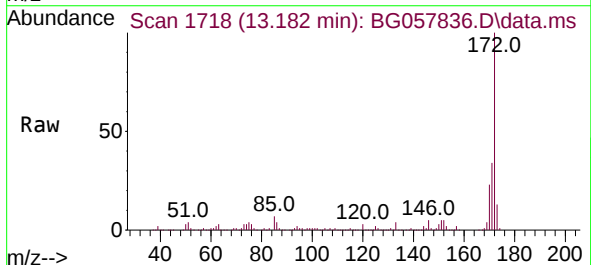
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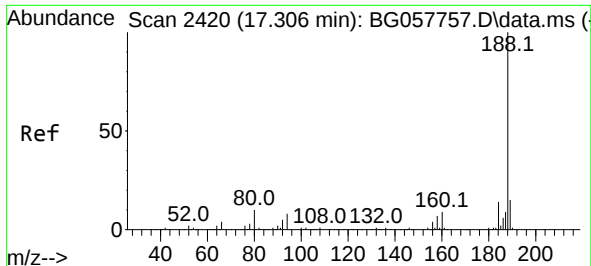
Tgt Ion:330 Resp: 231523
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 27.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 82.751 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion:172 Resp: 579384
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.3 18.6 27.8

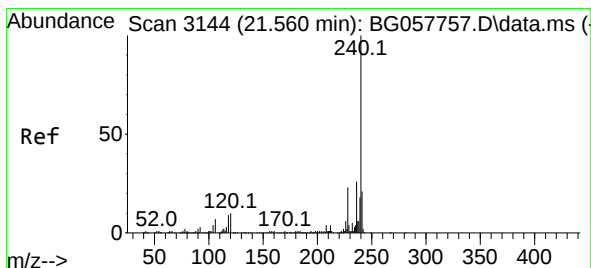
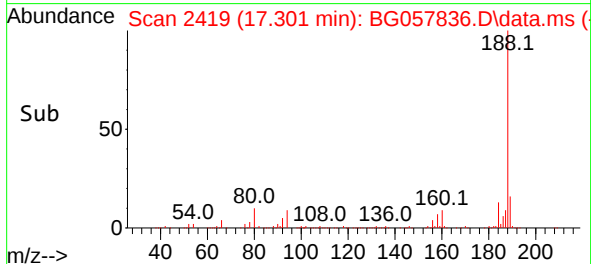
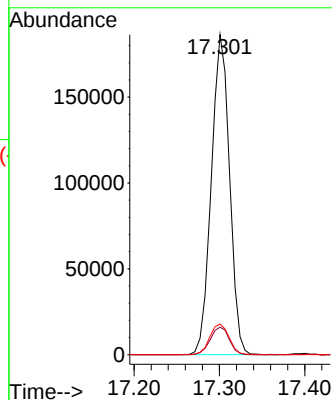
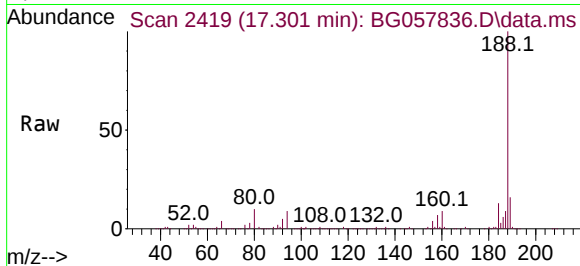




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

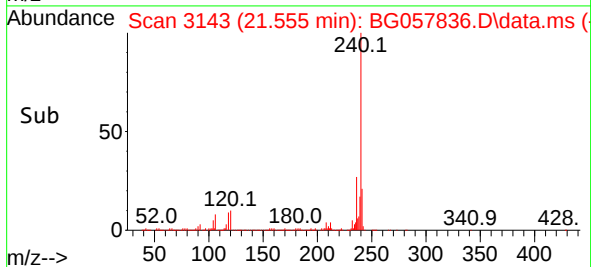
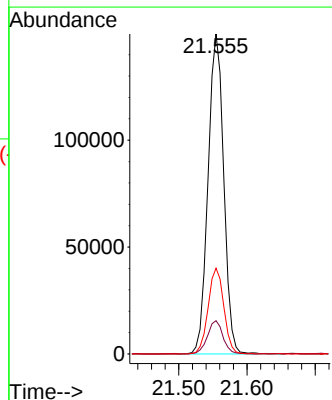
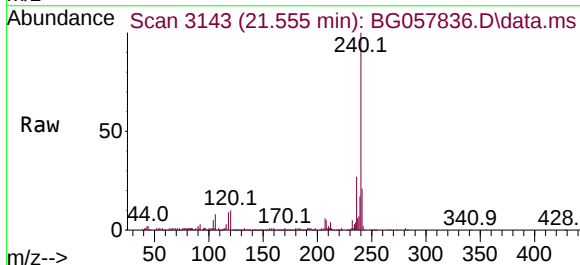
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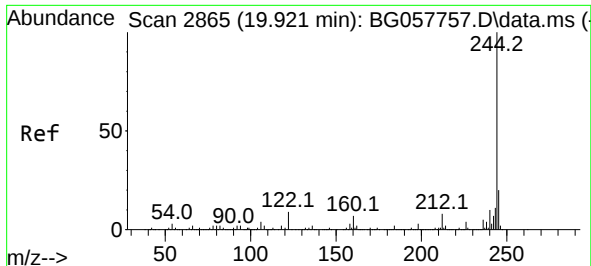
Tgt Ion:188 Resp: 276138
Ion Ratio Lower Upper
188 100
94 8.6 6.6 9.8
80 9.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion:240 Resp: 239224
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.8 20.6 30.8

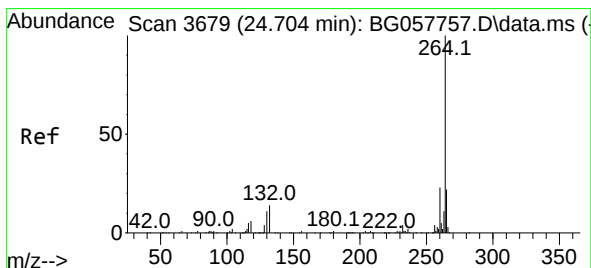
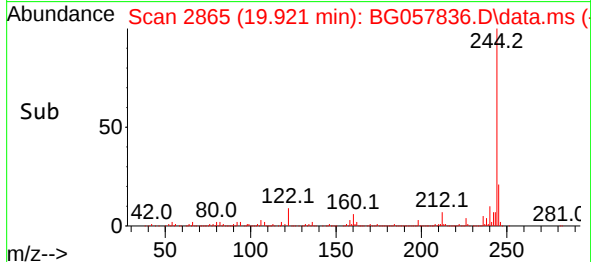
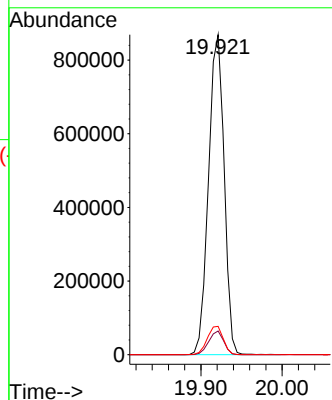
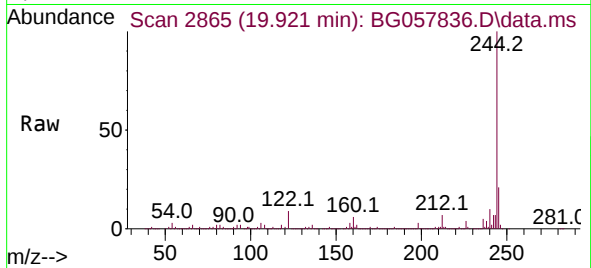




#79
 Terphenyl-d14
 Concen: 90.270 ng
 RT: 19.921 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057836.D
 Acq: 23 Jun 2023 10:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-4B

Tgt Ion:244 Resp: 1158104
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 8.8 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.710 min Scan# 3680
 Delta R.T. 0.006 min
 Lab File: BG057836.D
 Acq: 23 Jun 2023 10:38

Tgt Ion:264 Resp: 294227
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 21.5 17.4 26.2

