

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057838.D
 Acq On : 23 Jun 2023 12:00
 Operator : CG/JU
 Sample : 03291-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Jun 23 12:56:51 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	7.918	152	37362	20.000	ng	-0.01
21) Naphthalene-d8	10.720	136	171026	20.000	ng	-0.01
39) Acenaphthene-d10	14.551	164	127036	20.000	ng	-0.01
64) Phenanthrene-d10	17.295	188	304634	20.000	ng	-0.01
76) Chrysene-d12	21.549	240	259617	20.000	ng	-0.01
86) Perylene-d12	24.698	264	321524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	154401	63.720	ng	0.00
7) Phenol-d6	7.078	99	139145	37.634	ng	-0.01
23) Nitrobenzene-d5	9.081	82	294732	88.447	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	246203	139.129	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	684483	81.724	ng	-0.01
79) Terphenyl-d14	19.915	244	1122068	80.591	ng	0.00

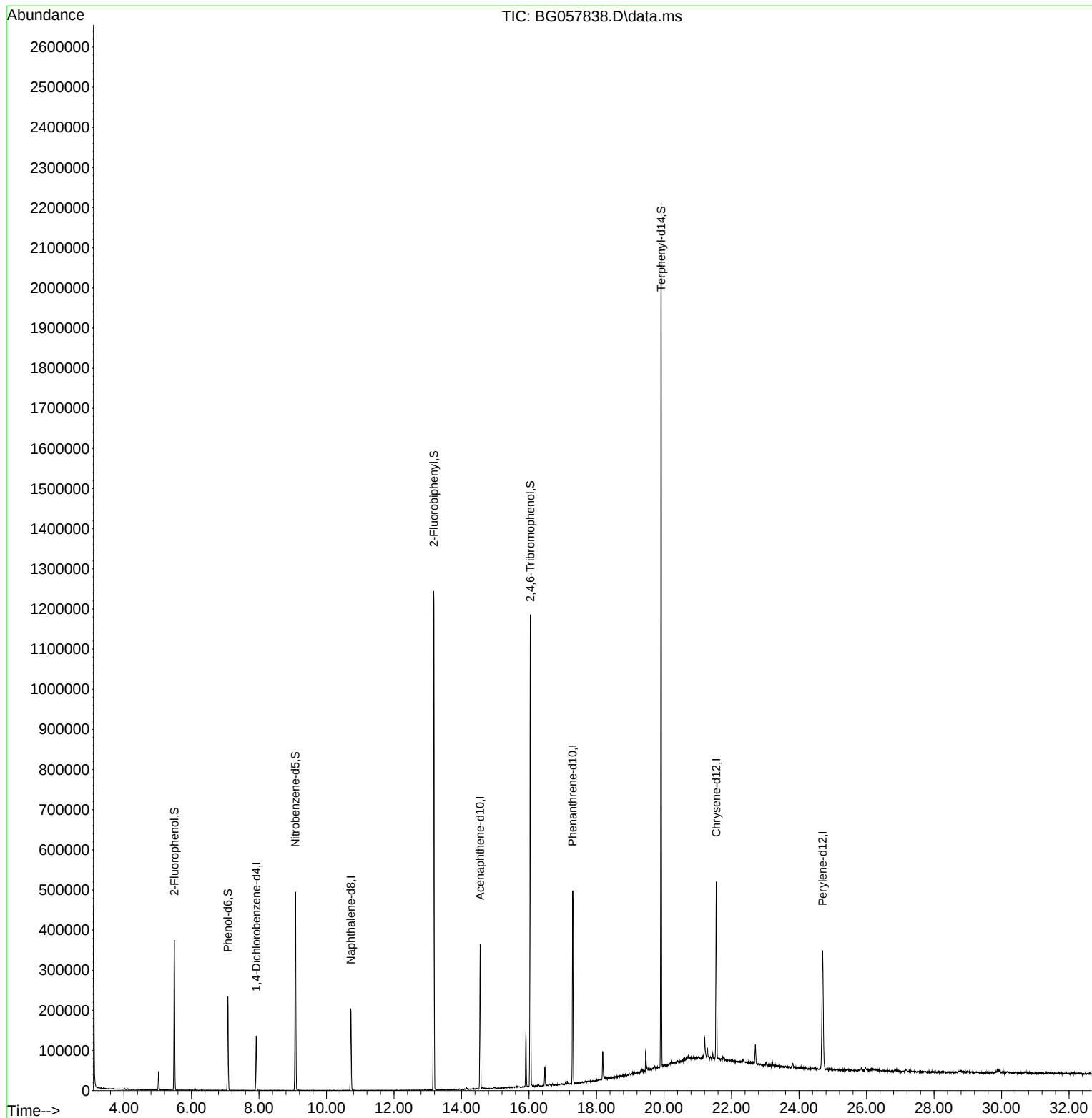
Target Compounds	Qvalue

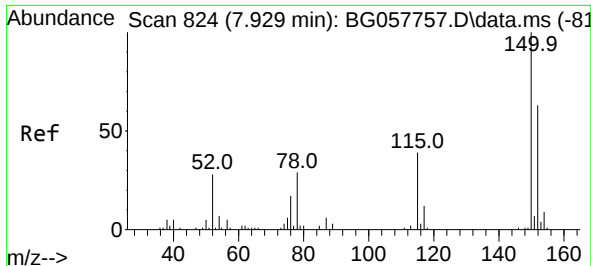
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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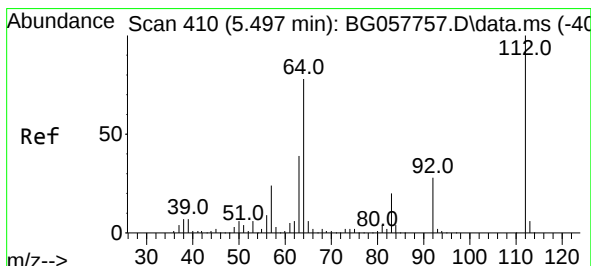
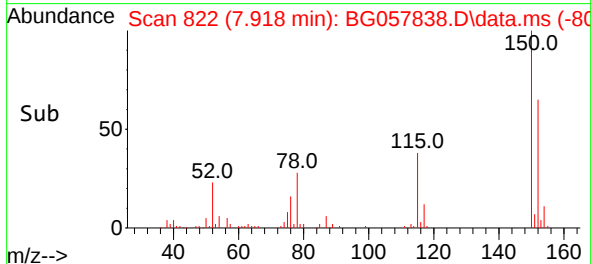
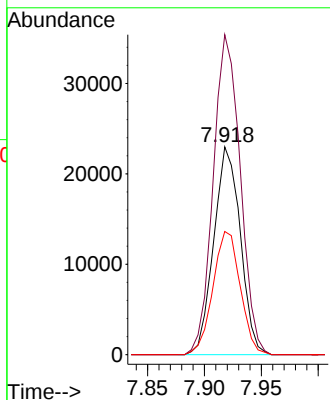
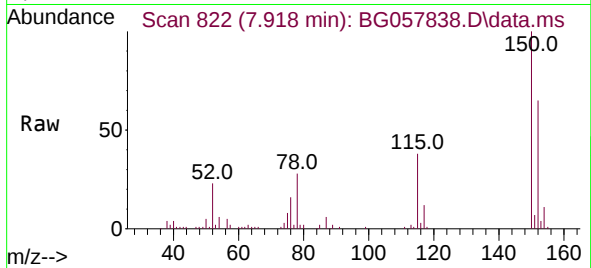




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057838.D
Acq: 23 Jun 2023 12:00

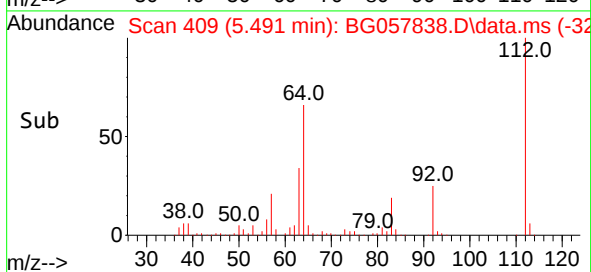
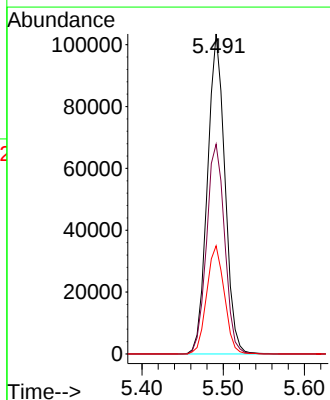
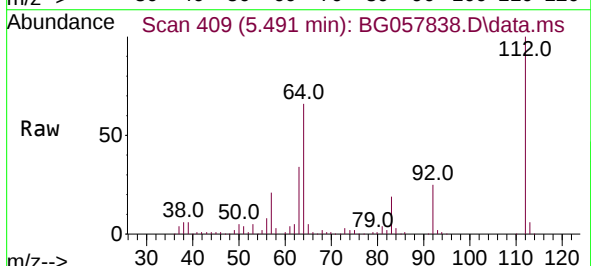
Instrument :
BNA_G
ClientSampleId :
MW-1

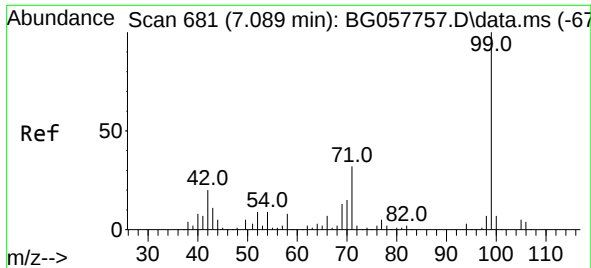
Tgt Ion:152 Resp: 37362
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 59.3 48.9 73.3



#5
2-Fluorophenol
Concen: 63.720 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057838.D
Acq: 23 Jun 2023 12:00

Tgt Ion:112 Resp: 154401
Ion Ratio Lower Upper
112 100
64 65.5 62.1 93.1
63 33.8 31.5 47.3

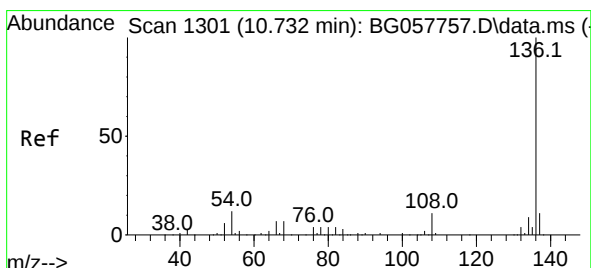
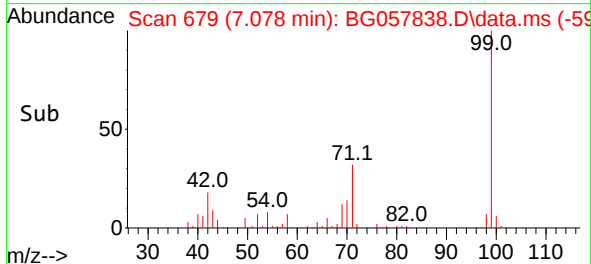
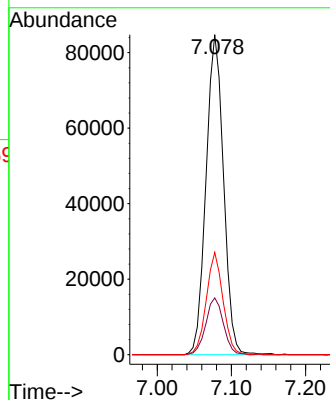
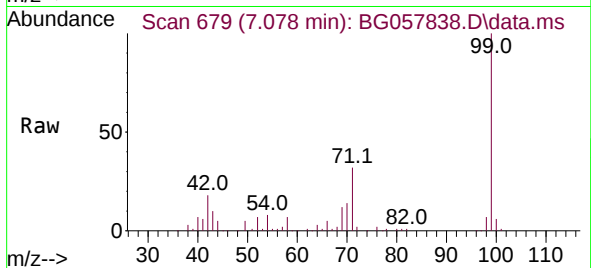




#7
Phenol-d6
Concen: 37.634 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG057838.D
Acq: 23 Jun 2023 12:00

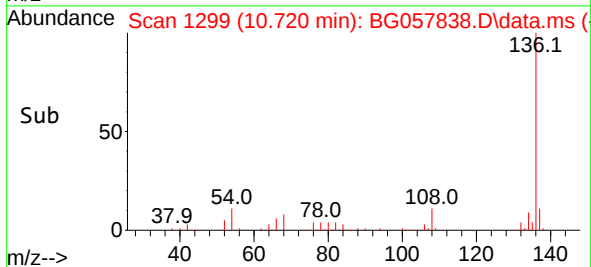
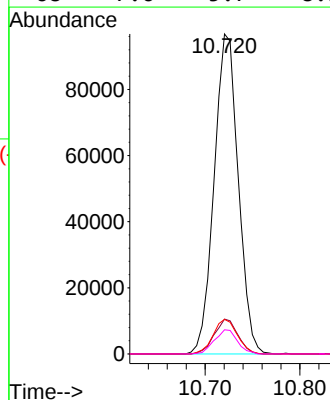
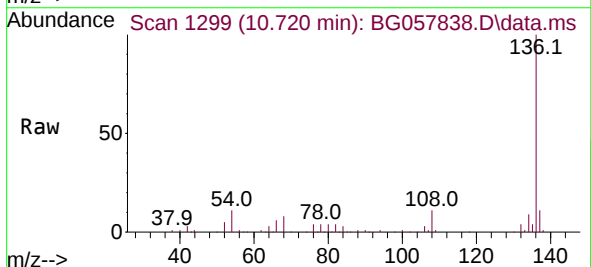
Instrument :
BNA_G
ClientSampleId :
MW-1

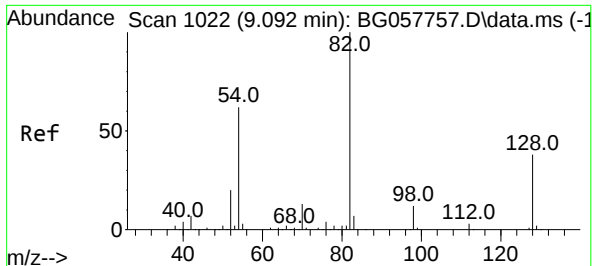
Tgt Ion: 99	Resp: 139145
Ion Ratio	Lower Upper
99 100	
42 17.7	16.4 24.6
71 31.9	25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1299
Delta R.T. -0.011 min
Lab File: BG057838.D
Acq: 23 Jun 2023 12:00

Tgt Ion:136	Resp: 171026
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 10.8	9.5 14.3
68 7.6	5.7 8.5





#23

Nitrobenzene-d5

Concen: 88.447 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.011 min

Lab File: BG057838.D

Acq: 23 Jun 2023 12:00

Instrument :

BNA_G

ClientSampleId :

MW-1

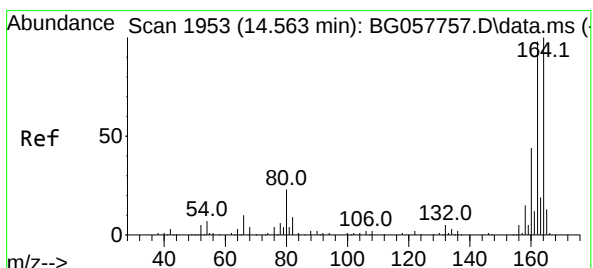
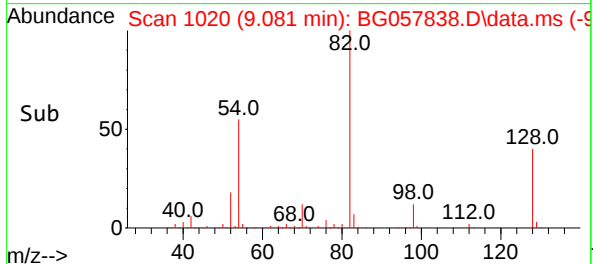
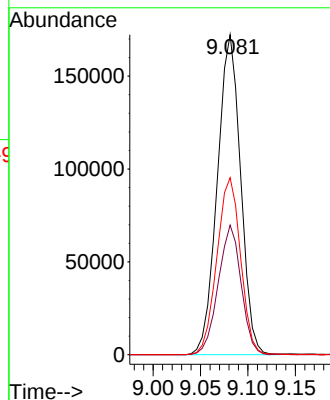
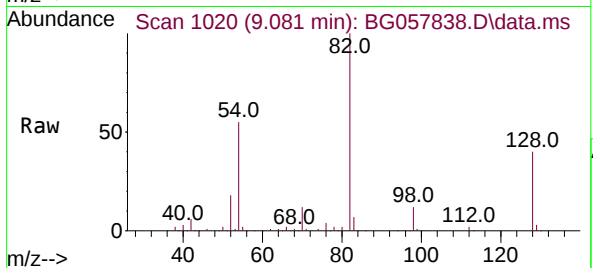
Tgt Ion: 82 Resp: 294732

Ion Ratio Lower Upper

82 100

128 40.5 30.7 46.1

54 55.3 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1951

Delta R.T. -0.011 min

Lab File: BG057838.D

Acq: 23 Jun 2023 12:00

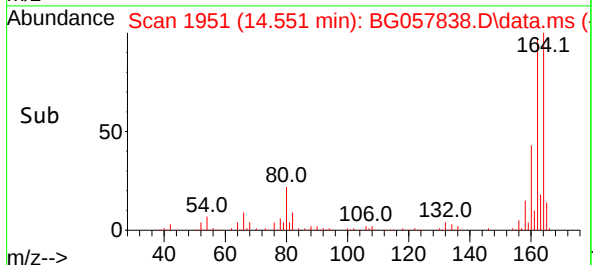
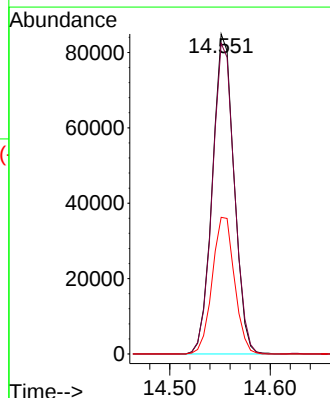
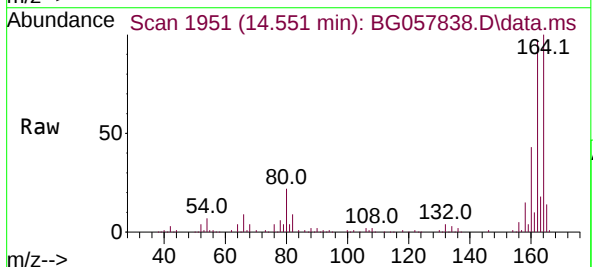
Tgt Ion:164 Resp: 127036

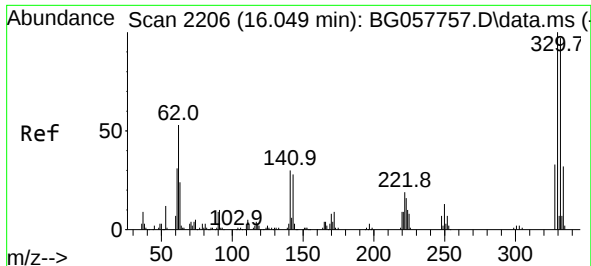
Ion Ratio Lower Upper

164 100

162 97.1 78.3 117.5

160 42.7 35.4 53.0

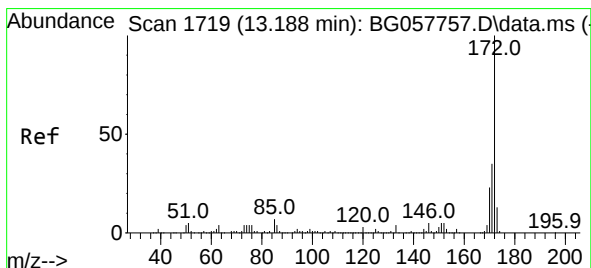
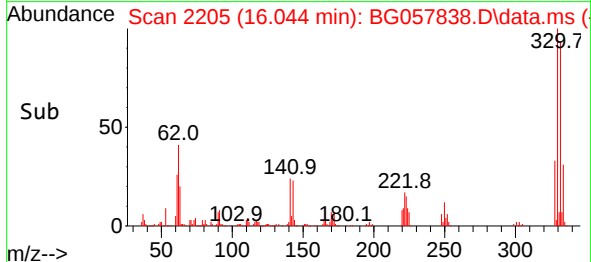
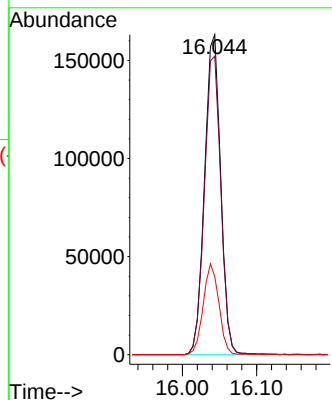
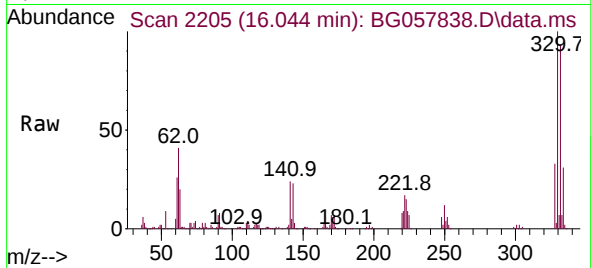




#42
2,4,6-Tribromophenol
Concen: 139.129 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057838.D
Acq: 23 Jun 2023 12:00

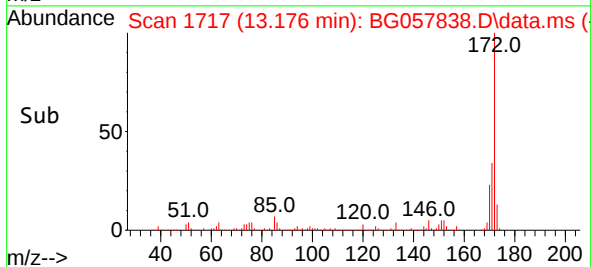
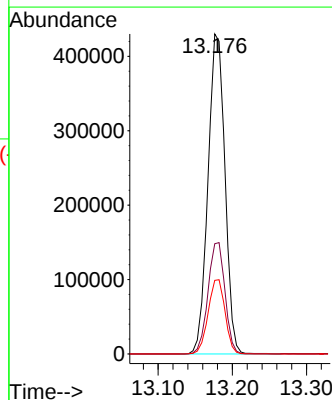
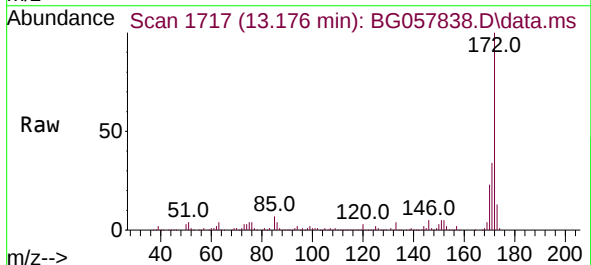
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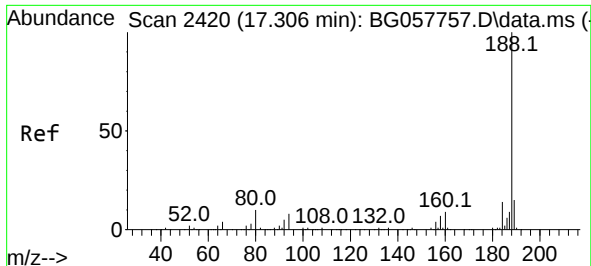
Tgt Ion:330 Resp: 246203
Ion Ratio Lower Upper
330 100
332 95.1 76.6 115.0
141 27.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 81.724 ng
RT: 13.176 min Scan# 1717
Delta R.T. -0.011 min
Lab File: BG057838.D
Acq: 23 Jun 2023 12:00

Tgt Ion:172 Resp: 684483
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.0 18.6 27.8

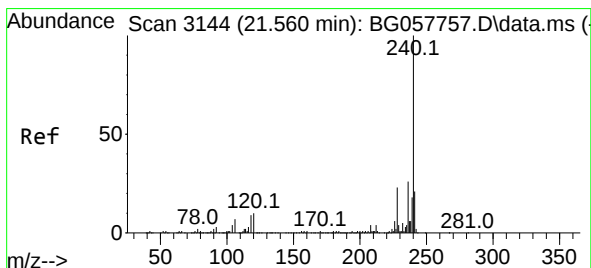
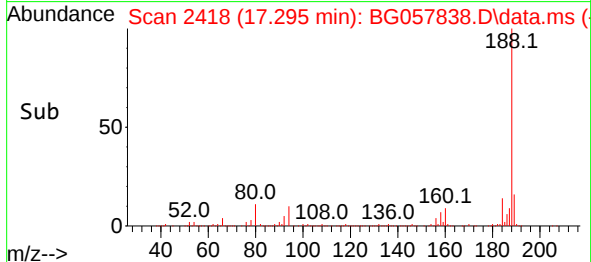
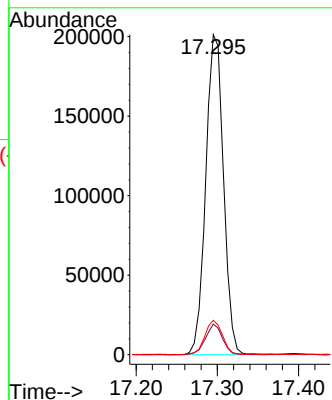
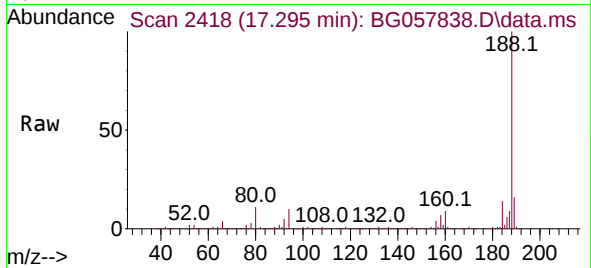




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 2418
Delta R.T. -0.011 min
Lab File: BG057838.D
Acq: 23 Jun 2023 12:00

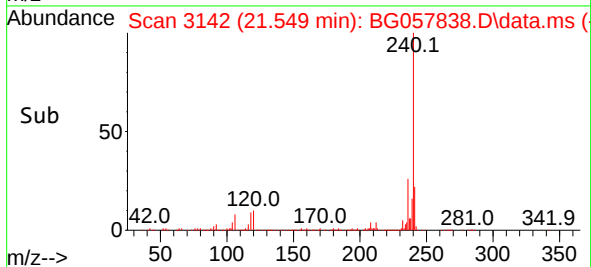
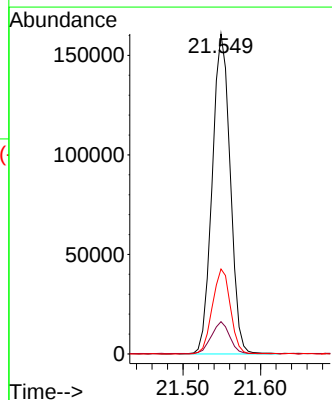
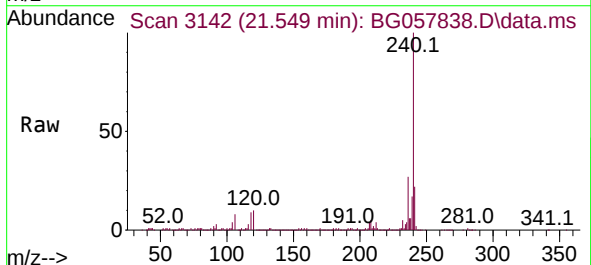
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BNA_G
ClientSampleId :
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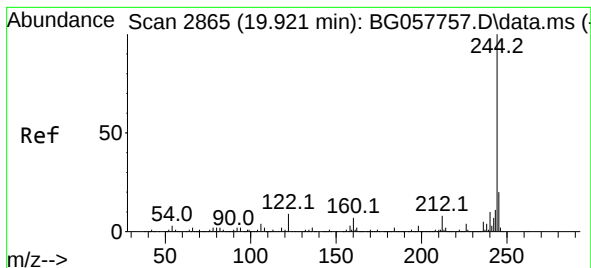
Tgt Ion:188 Resp: 304634
Ion Ratio Lower Upper
188 100
94 9.6 6.6 9.8
80 10.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.011 min
Lab File: BG057838.D
Acq: 23 Jun 2023 12:00

Tgt Ion:240 Resp: 259617
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.6 20.6 30.8





#79

Terphenyl-d14

Concen: 80.591 ng

RT: 19.915 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057838.D

Acq: 23 Jun 2023 12:00

Instrument :

BNA_G

ClientSampleId :

MW-1

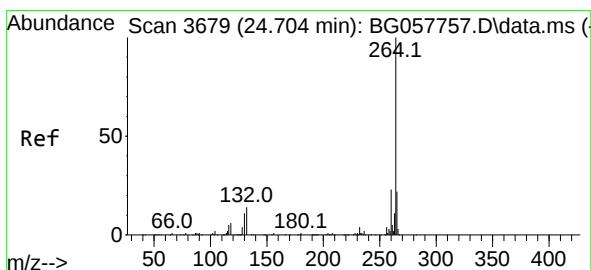
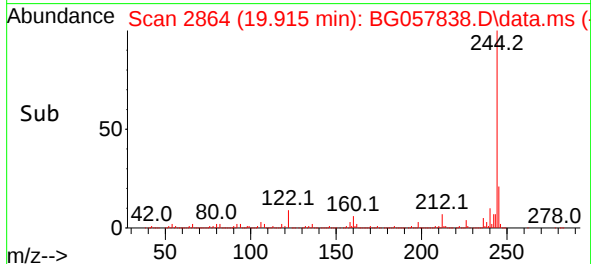
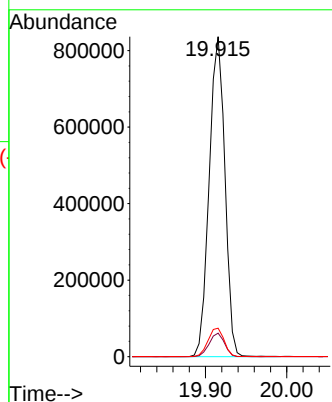
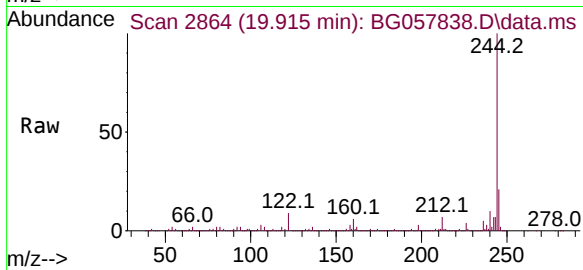
Tgt Ion:244 Resp: 1122068

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 8.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3678

Delta R.T. -0.006 min

Lab File: BG057838.D

Acq: 23 Jun 2023 12:00

Tgt Ion:264 Resp: 321524

Ion Ratio Lower Upper

264 100

260 22.2 18.5 27.7

265 22.5 17.4 26.2

