

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054991.D
 Acq On : 20 Sep 2022 18:10
 Operator : CG/JU
 Sample : N4697-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-COMP

Quant Time: Sep 21 02:54:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	39657	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	169080	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	121607	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	283199	20.000	ng	0.00
76) Chrysene-d12	21.725	240	282888	20.000	ng	0.00
86) Perylene-d12	25.027	264	297898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	223064	110.060	ng	0.00
7) Phenol-d6	7.218	99	297930	109.670	ng	0.00
23) Nitrobenzene-d5	9.234	82	170239	58.359	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	143033	100.401	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	415192	53.807	ng	0.00
79) Terphenyl-d14	20.051	244	703711	52.036	ng	0.00

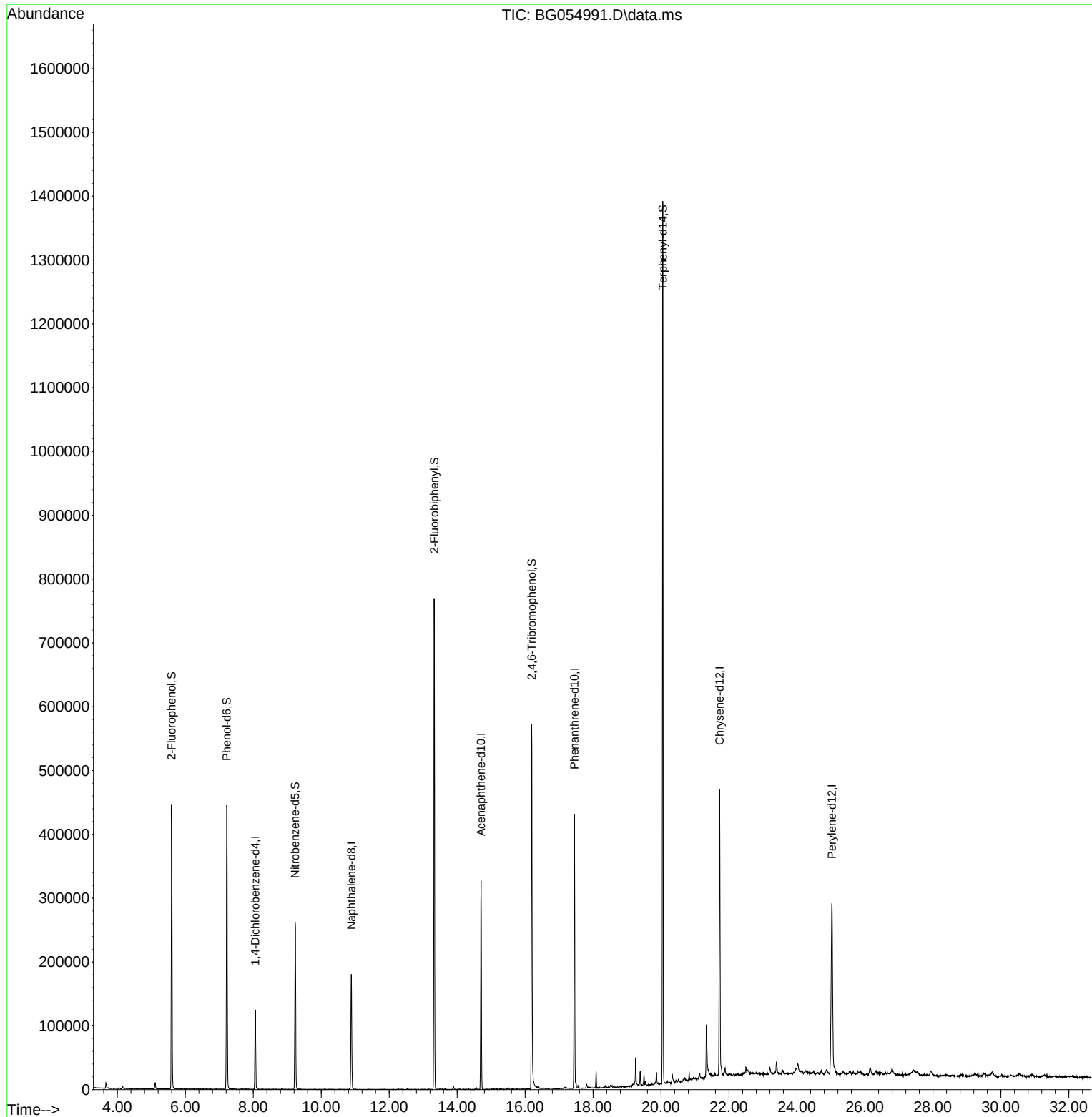
Target Compounds	Qvalue

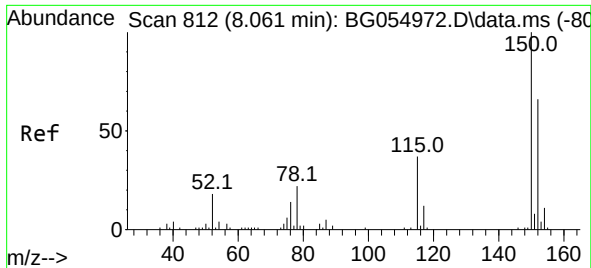
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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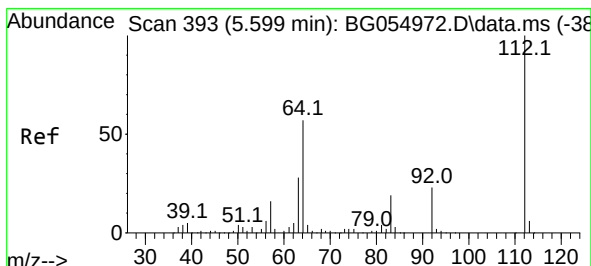
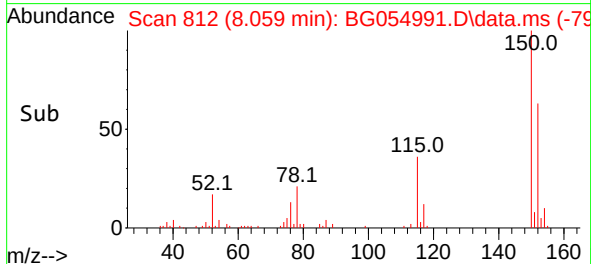
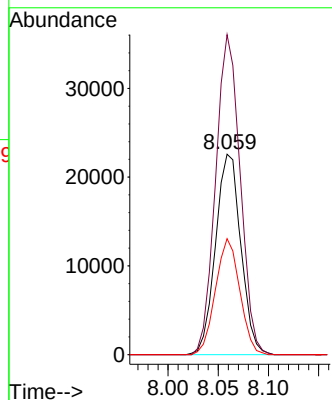
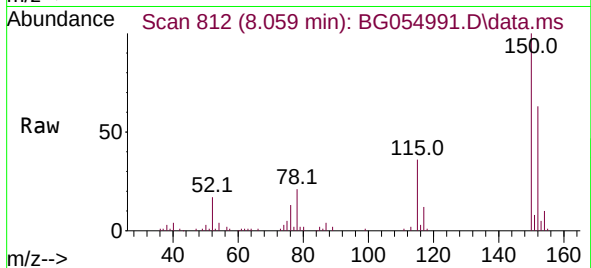




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG054991.D
Acq: 20 Sep 2022 18:10

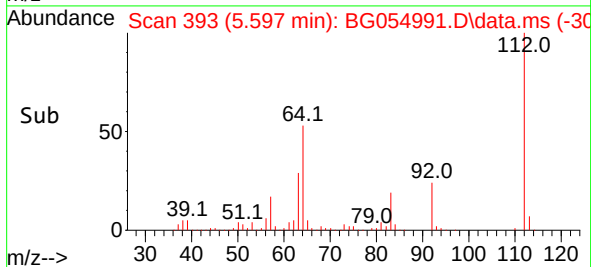
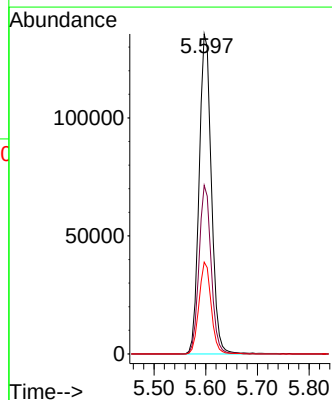
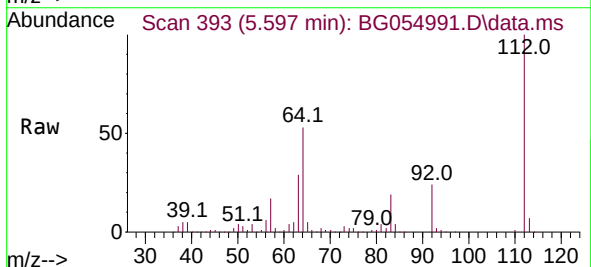
Instrument :
BNA_G
ClientSampleId :
SB-22-COMP

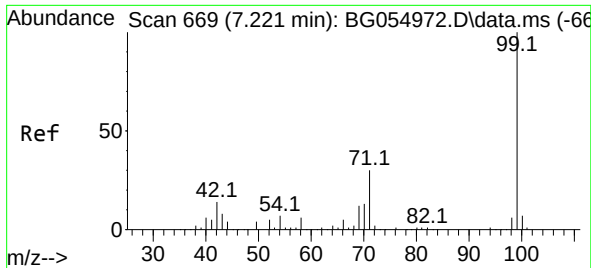
Tgt Ion:152 Resp: 39657
Ion Ratio Lower Upper
152 100
150 159.7 125.2 187.8
115 57.9 47.9 71.9



#5
2-Fluorophenol
Concen: 110.060 ng
RT: 5.597 min Scan# 393
Delta R.T. -0.002 min
Lab File: BG054991.D
Acq: 20 Sep 2022 18:10

Tgt Ion:112 Resp: 223064
Ion Ratio Lower Upper
112 100
64 52.7 49.3 73.9
63 28.7 26.3 39.5

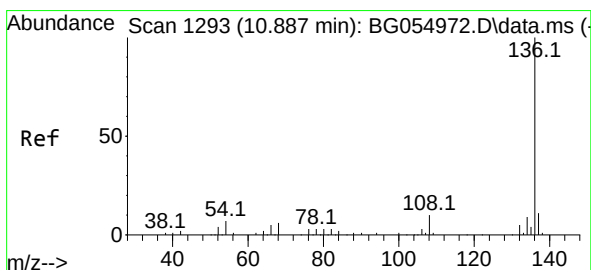
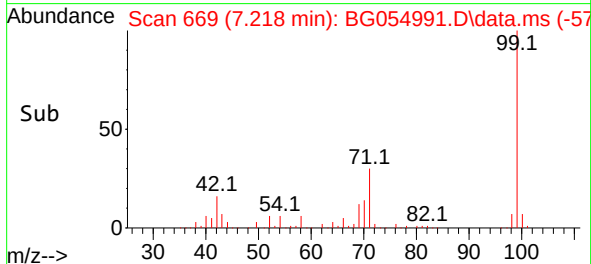
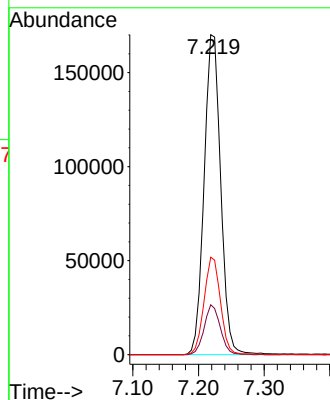
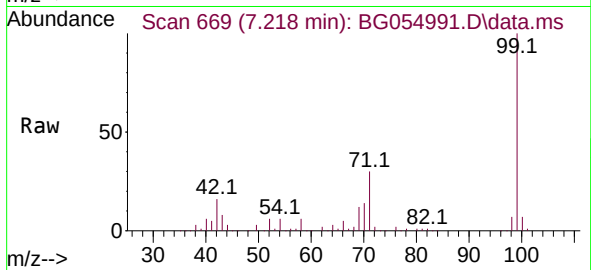




#7
Phenol-d6
Concen: 109.670 ng
RT: 7.218 min Scan# 669
Delta R.T. -0.002 min
Lab File: BG054991.D
Acq: 20 Sep 2022 18:10

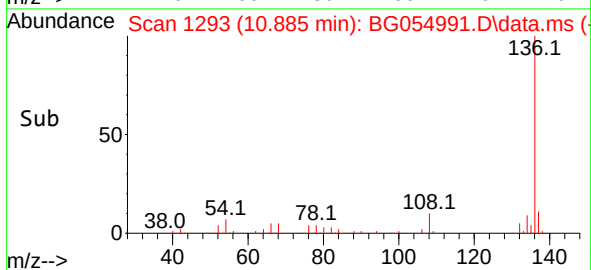
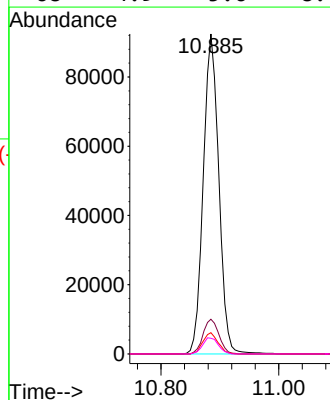
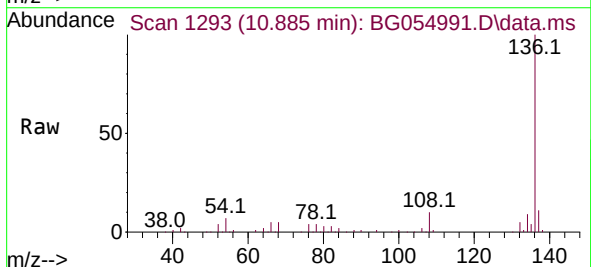
Instrument :
BNA_G
ClientSampleId :
SB-22-COMP

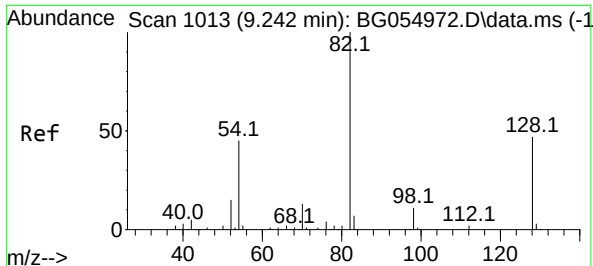
Tgt Ion: 99 Resp: 297930
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 30.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG054991.D
Acq: 20 Sep 2022 18:10

Tgt Ion: 136 Resp: 169080
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.6 7.7 11.5#
68 4.9 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 58.359 ng

RT: 9.234 min Scan# 1013

Delta R.T. -0.008 min

Lab File: BG054991.D

Acq: 20 Sep 2022 18:10

Instrument :

BNA_G

ClientSampleId :

SB-22-COMP

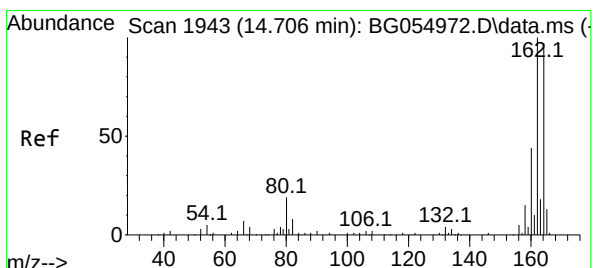
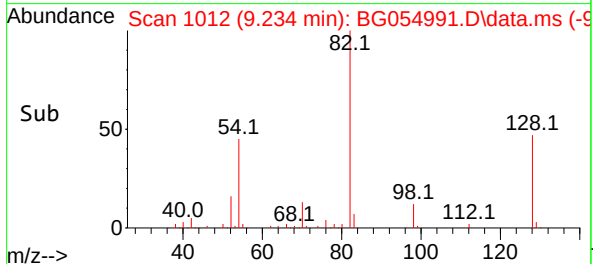
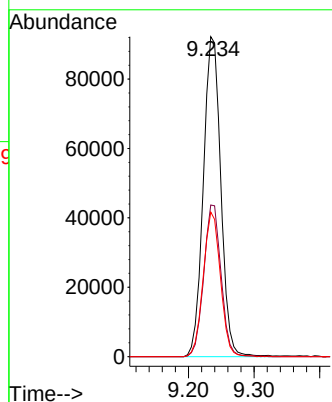
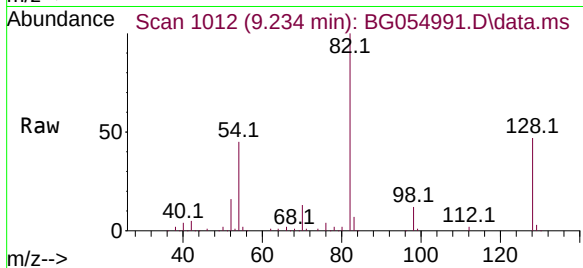
Tgt Ion: 82 Resp: 170239

Ion Ratio Lower Upper

82 100

128 47.4 32.2 48.2

54 45.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1943

Delta R.T. -0.002 min

Lab File: BG054991.D

Acq: 20 Sep 2022 18:10

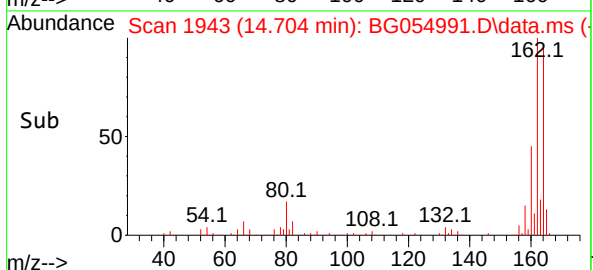
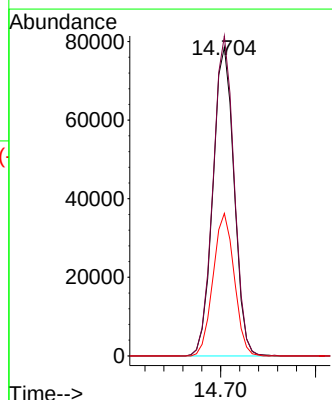
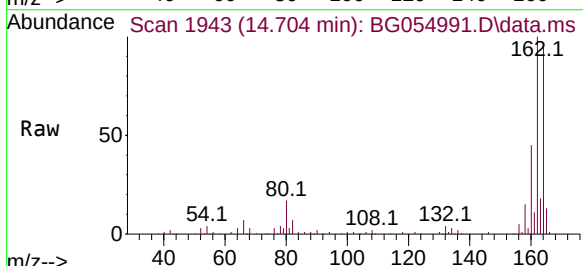
Tgt Ion:164 Resp: 121607

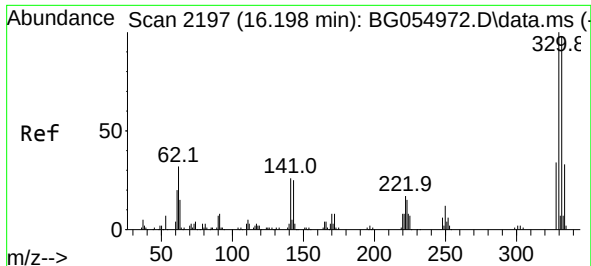
Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 46.2 38.0 57.0

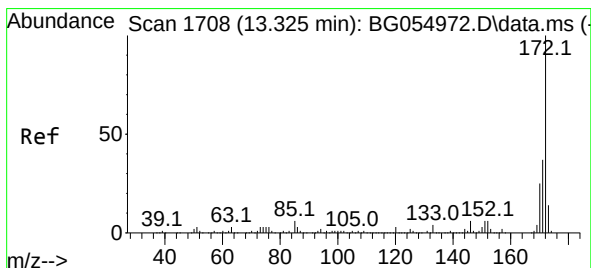
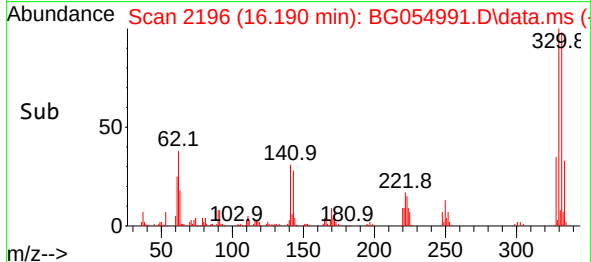
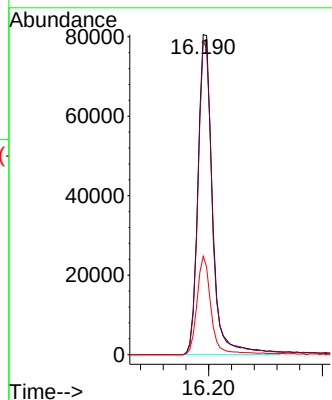
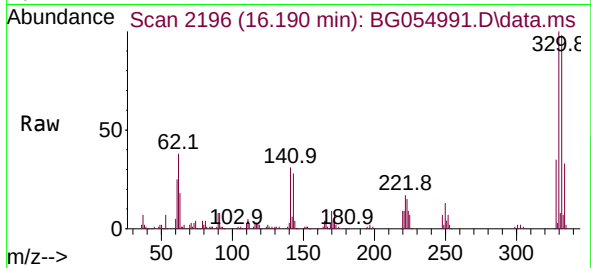




#42
2,4,6-Tribromophenol
Concen: 100.401 ng
RT: 16.190 min Scan# 2197
Delta R.T. -0.008 min
Lab File: BG054991.D
Acq: 20 Sep 2022 18:10

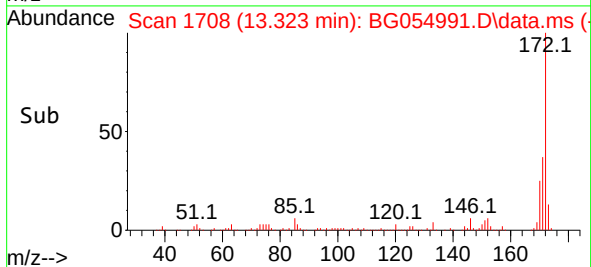
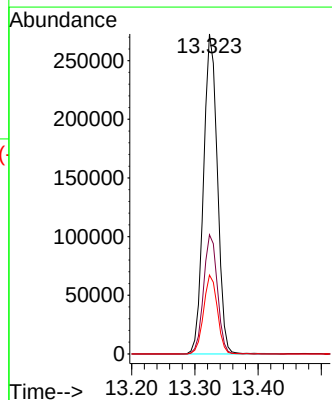
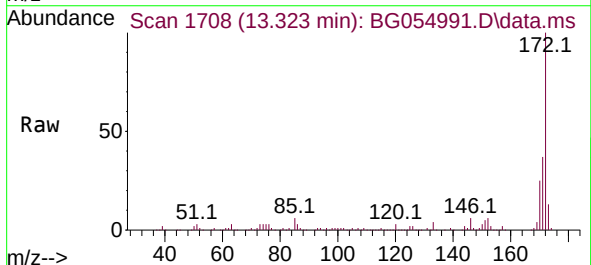
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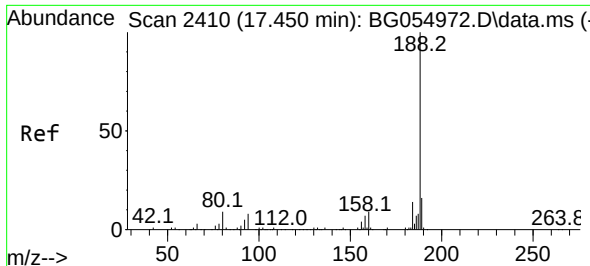
Tgt Ion:330 Resp: 143033
Ion Ratio Lower Upper
330 100
332 97.6 79.8 119.6
141 29.8 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 53.807 ng
RT: 13.323 min Scan# 1708
Delta R.T. -0.002 min
Lab File: BG054991.D
Acq: 20 Sep 2022 18:10

Tgt Ion:172 Resp: 415192
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.6 20.6 30.8

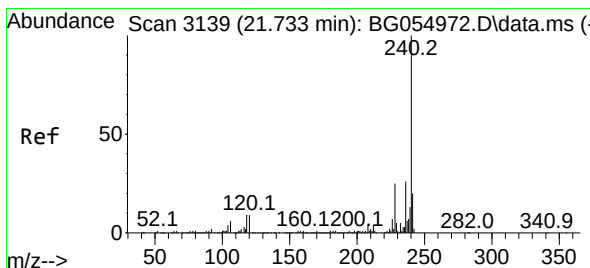
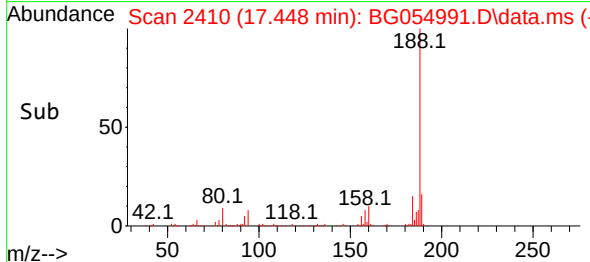
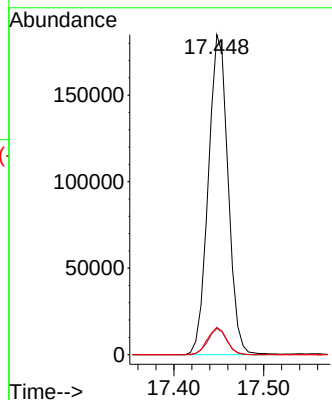
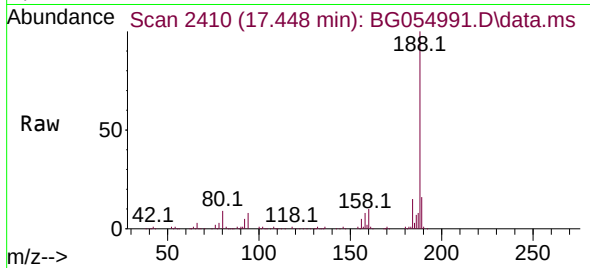




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG054991.D
Acq: 20 Sep 2022 18:10

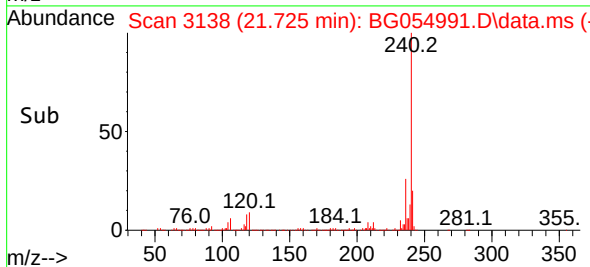
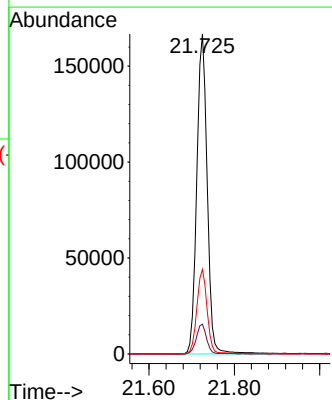
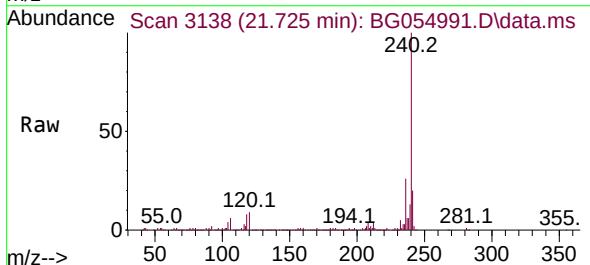
Instrument :
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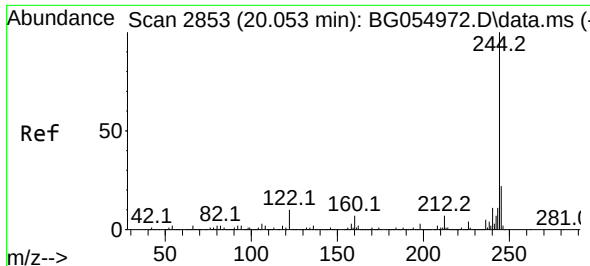
Tgt Ion:188 Resp: 283199
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BG054991.D
Acq: 20 Sep 2022 18:10

Tgt Ion:240 Resp: 282888
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 26.4 21.2 31.8

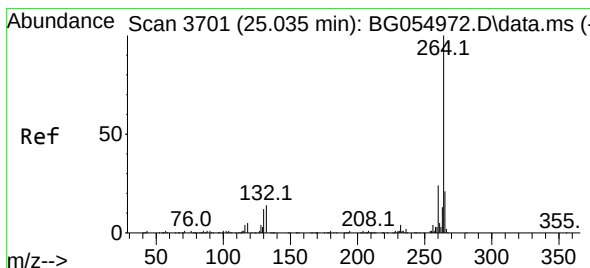
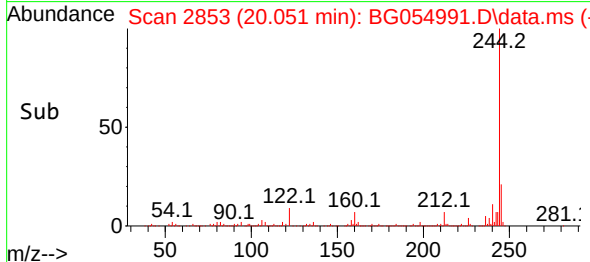
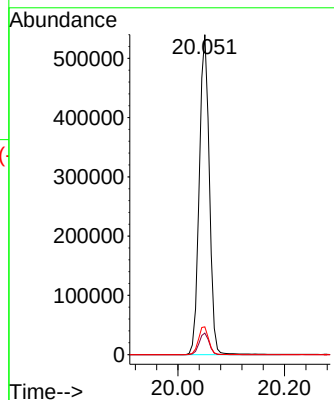
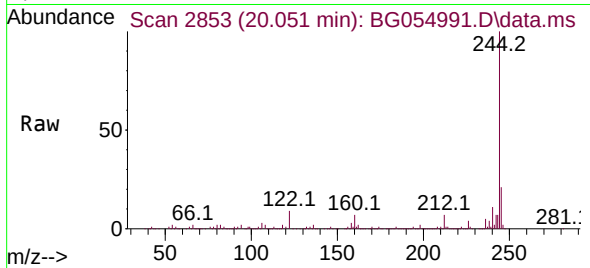




#79
 Terphenyl-d14
 Concen: 52.036 ng
 RT: 20.051 min Scan# 2853
 Delta R.T. -0.002 min
 Lab File: BG054991.D
 Acq: 20 Sep 2022 18:10

Instrument :
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Tgt Ion:244 Resp: 703711
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 8.7 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.027 min Scan# 3700
 Delta R.T. -0.008 min
 Lab File: BG054991.D
 Acq: 20 Sep 2022 18:10

Tgt Ion:264 Resp: 297898
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 21.8 16.9 25.3

