

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054987.D
 Acq On : 20 Sep 2022 15:21
 Operator : CG/JU
 Sample : N4697-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-COMP

Quant Time: Sep 21 02:52:35 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	8.064	152	37103	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	151035	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	104714	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	257001	20.000	ng	0.00
76) Chrysene-d12	21.724	240	261679	20.000	ng	0.00
86) Perylene-d12	25.026	264	274452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	242117	127.684	ng	0.00
7) Phenol-d6	7.224	99	320196	125.980	ng	0.00
23) Nitrobenzene-d5	9.239	82	184510	70.808	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	150882	122.996	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	480676	72.343	ng	0.00
79) Terphenyl-d14	20.050	244	861168	68.840	ng	0.00

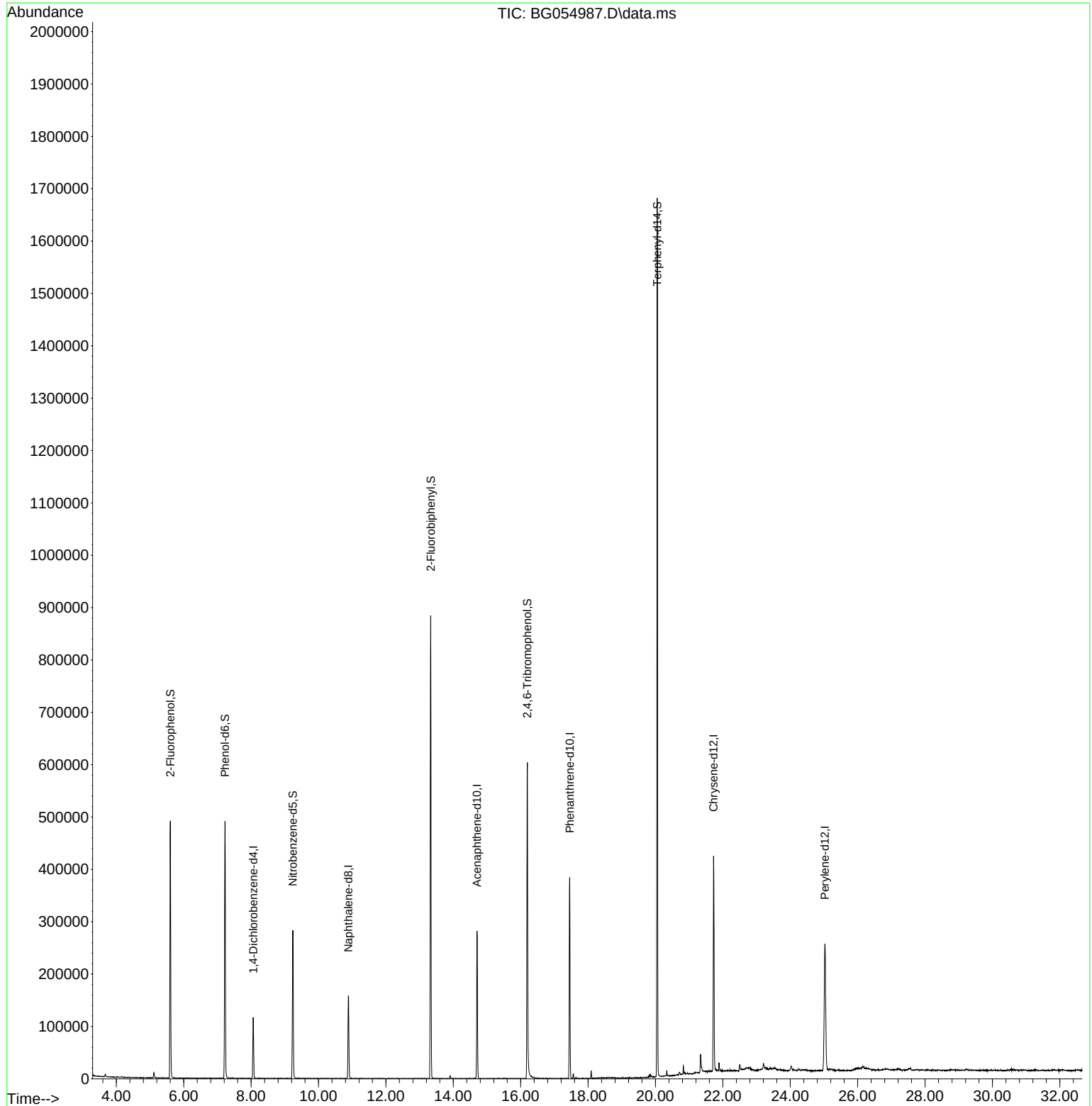
Target Compounds Qvalue

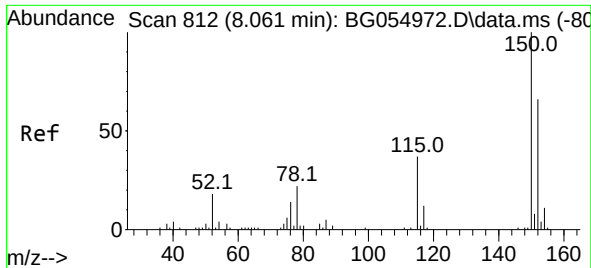
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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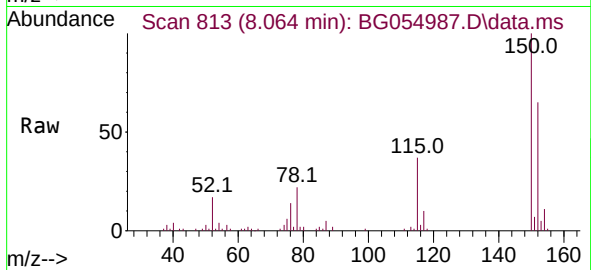
Quant Time: Sep 21 02:52:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
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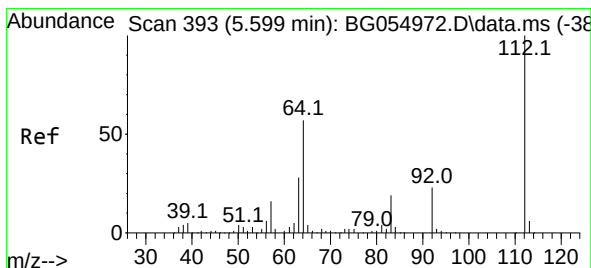
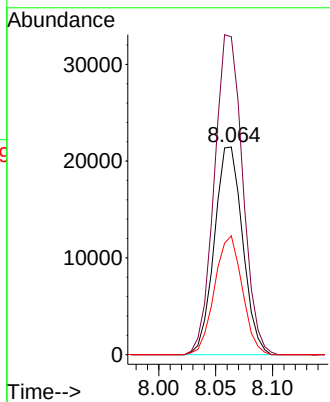
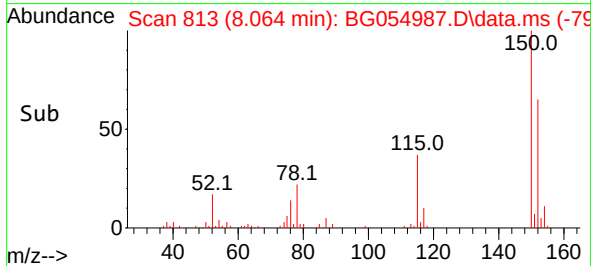


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

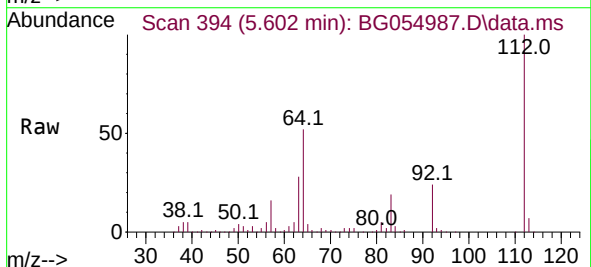
Instrument :
BNA_G
ClientSampleId :
SB-18-COMP



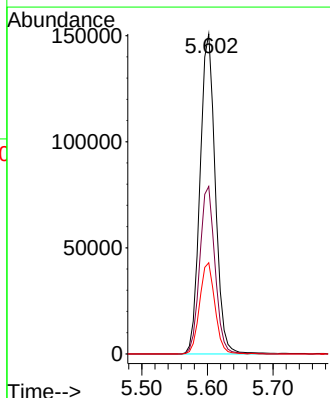
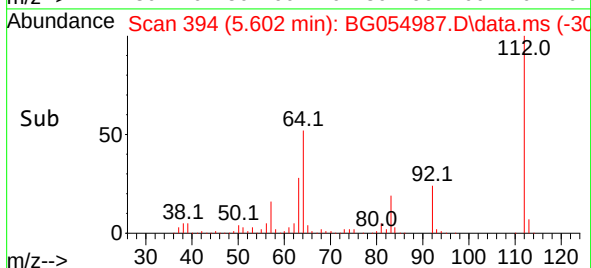
Tgt Ion:152 Resp: 37103
Ion Ratio Lower Upper
152 100
150 153.1 125.2 187.8
115 57.2 47.9 71.9

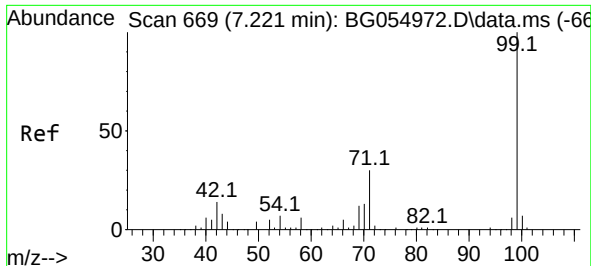


#5
2-Fluorophenol
Concen: 127.684 ng
RT: 5.602 min Scan# 394
Delta R.T. 0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21



Tgt Ion:112 Resp: 242117
Ion Ratio Lower Upper
112 100
64 52.3 49.3 73.9
63 28.5 26.3 39.5

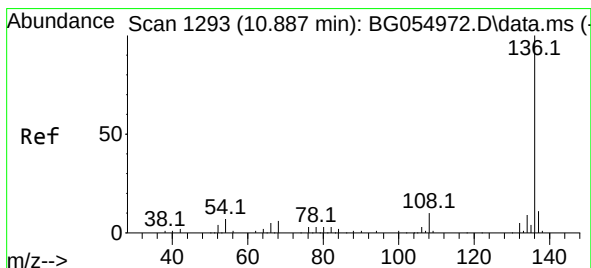
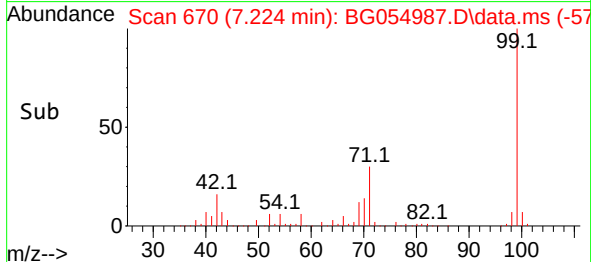
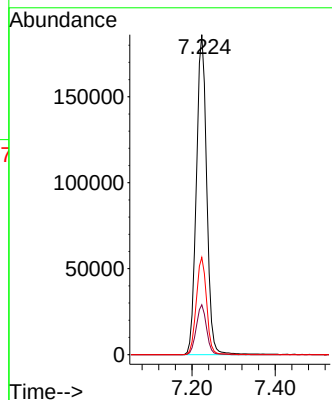
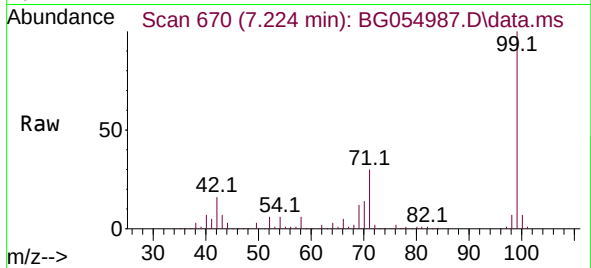




#7
Phenol-d6
Concen: 125.980 ng
RT: 7.224 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

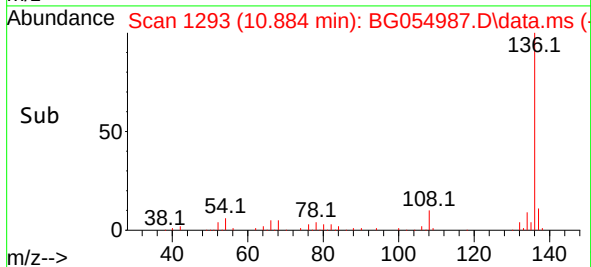
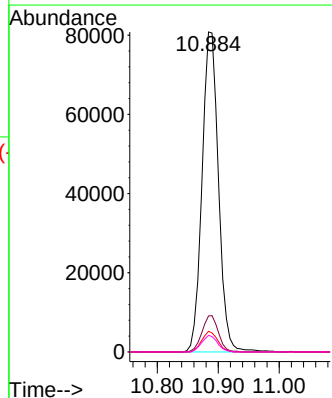
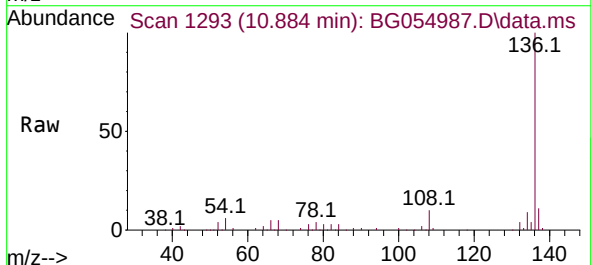
Instrument :
BNA_G
ClientSampleId :
SB-18-COMP

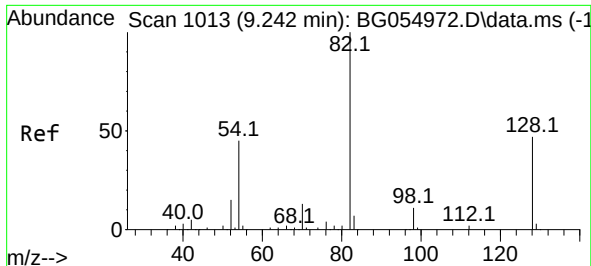
Tgt Ion: 99 Resp: 320196
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 30.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1293
Delta R.T. -0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

Tgt Ion: 136 Resp: 151035
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.4 7.7 11.5#
68 5.2 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 70.808 ng

RT: 9.239 min Scan# 1013

Delta R.T. -0.003 min

Lab File: BG054987.D

Acq: 20 Sep 2022 15:21

Instrument :

BNA_G

ClientSampleId :

SB-18-COMP

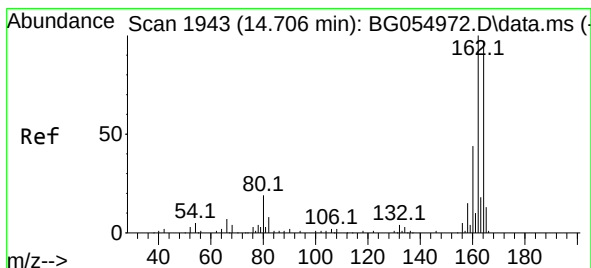
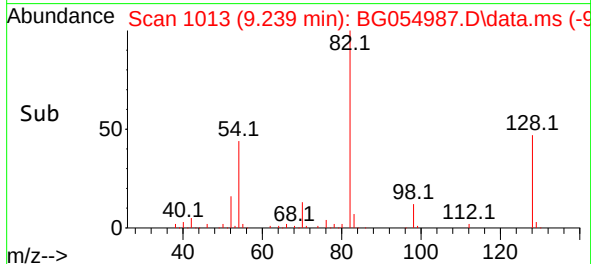
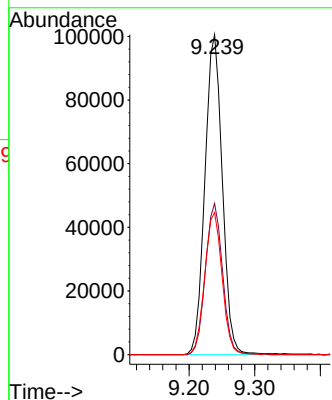
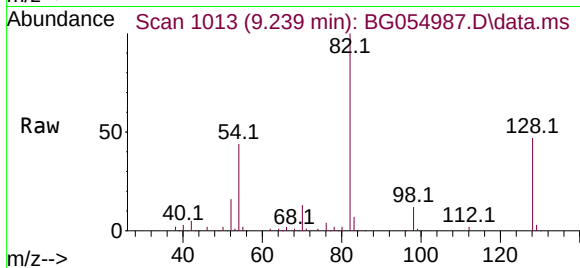
Tgt Ion: 82 Resp: 184510

Ion Ratio Lower Upper

82 100

128 47.2 32.2 48.2

54 44.4 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.703 min Scan# 1943

Delta R.T. -0.003 min

Lab File: BG054987.D

Acq: 20 Sep 2022 15:21

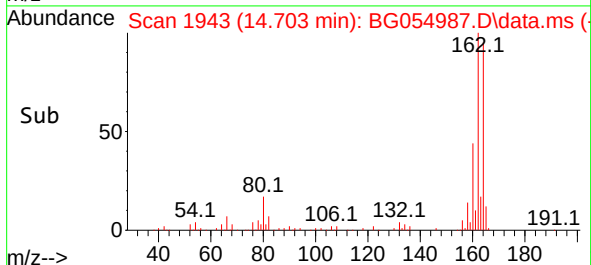
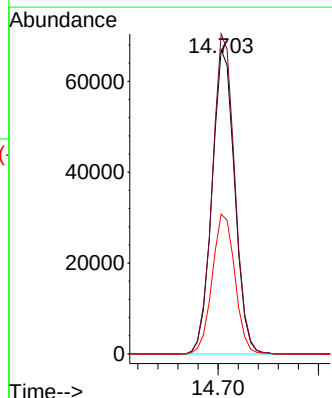
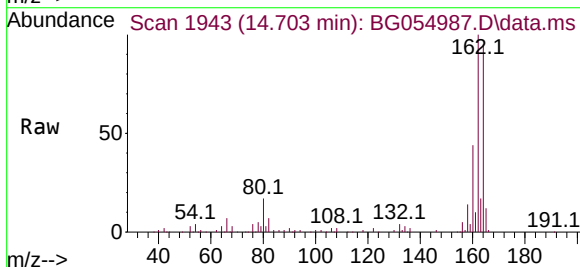
Tgt Ion:164 Resp: 104714

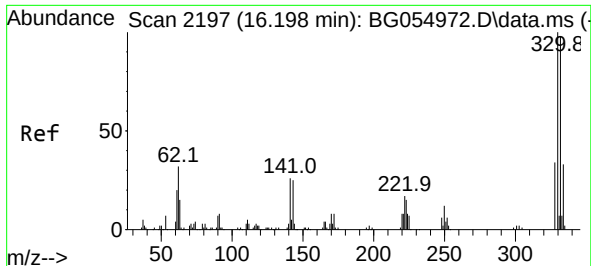
Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.4

160 46.0 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 122.996 ng

RT: 16.195 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054987.D

Acq: 20 Sep 2022 15:21

Instrument :

BNA_G

ClientSampleId :

SB-18-COMP

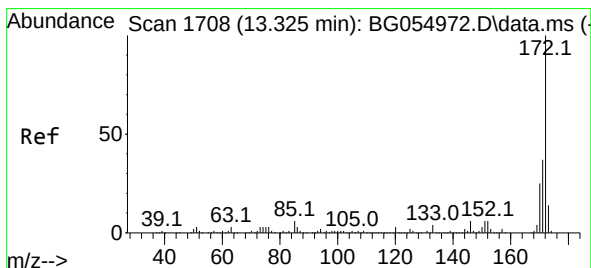
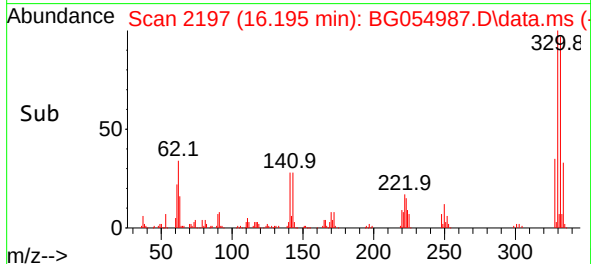
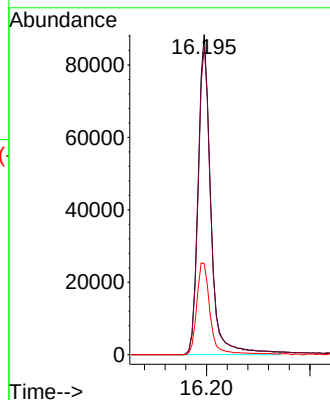
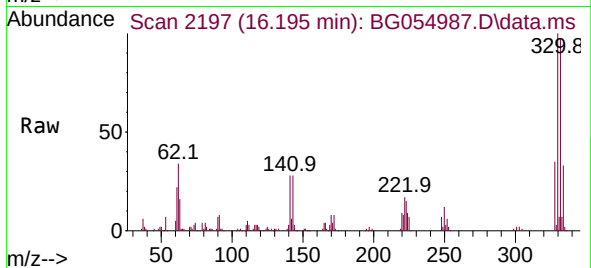
Tgt Ion:330 Resp: 150882

Ion Ratio Lower Upper

330 100

332 96.9 79.8 119.6

141 30.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 72.343 ng

RT: 13.328 min Scan# 1709

Delta R.T. 0.003 min

Lab File: BG054987.D

Acq: 20 Sep 2022 15:21

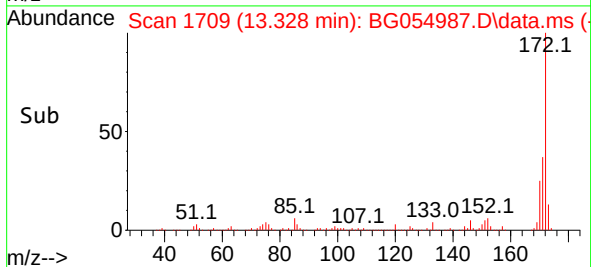
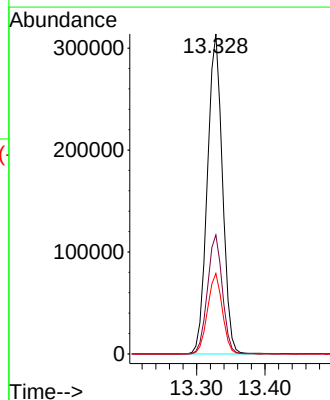
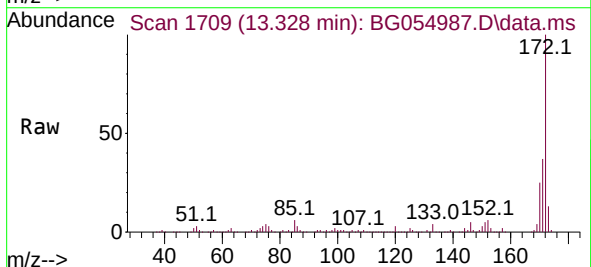
Tgt Ion:172 Resp: 480676

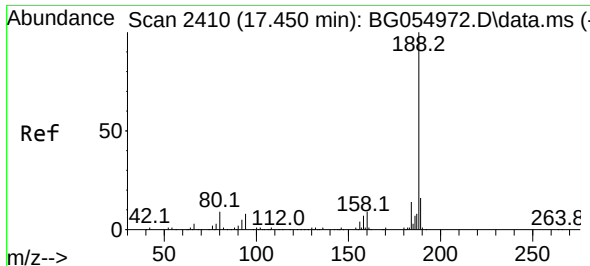
Ion Ratio Lower Upper

172 100

171 37.2 31.2 46.8

170 25.1 20.6 30.8

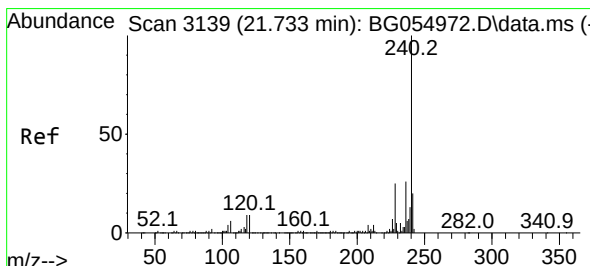
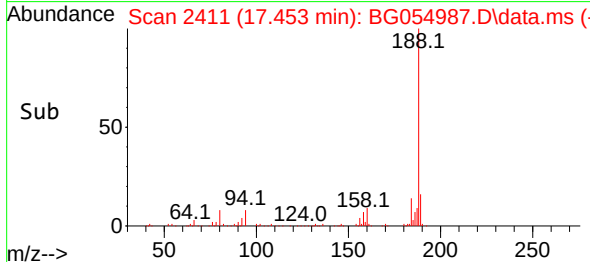
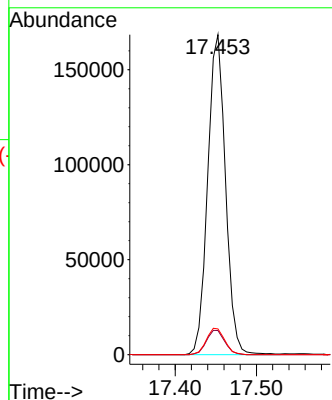
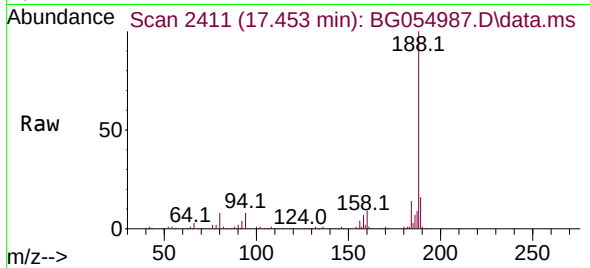




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2411
Delta R.T. 0.003 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

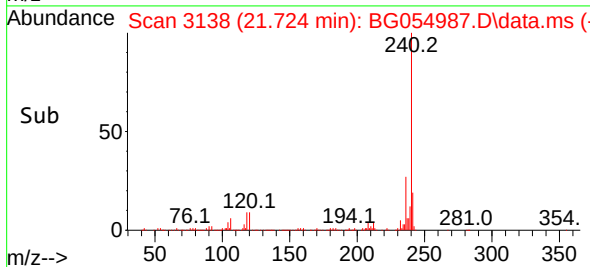
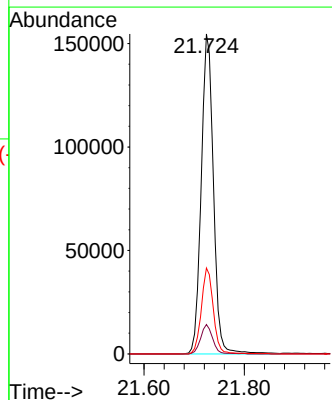
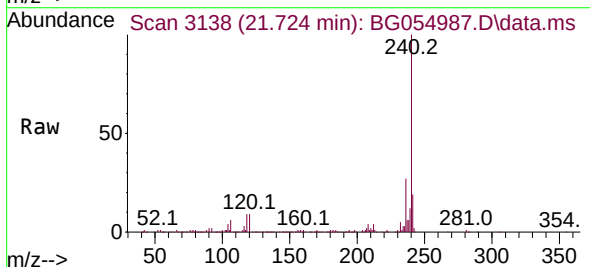
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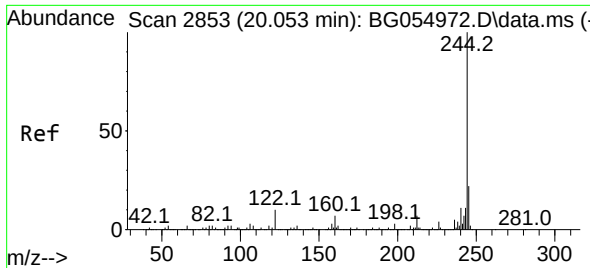
Tgt Ion:188 Resp: 257001
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BG054987.D
Acq: 20 Sep 2022 15:21

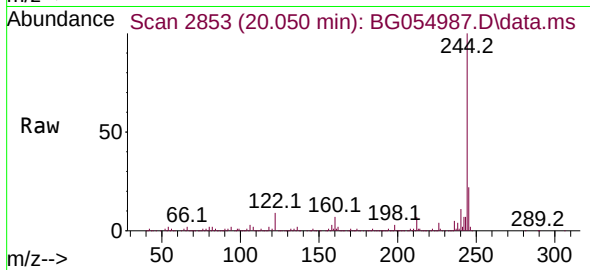
Tgt Ion:240 Resp: 261679
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 26.8 21.2 31.8



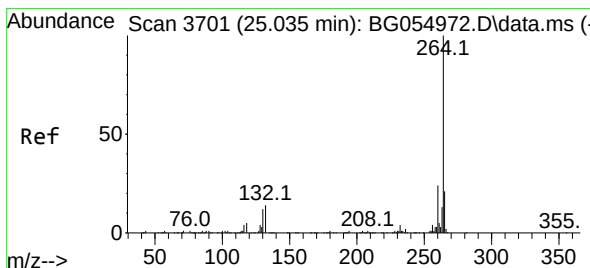
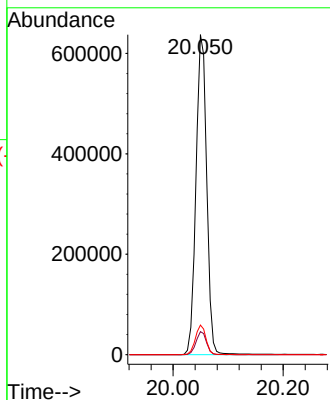
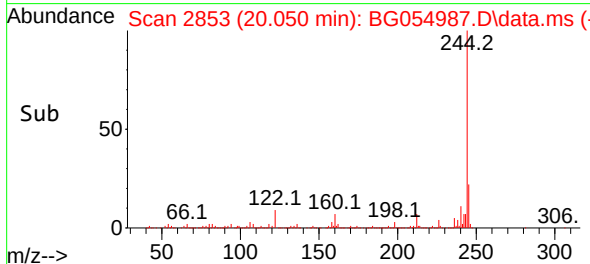


#79
 Terphenyl-d14
 Concen: 68.840 ng
 RT: 20.050 min Scan# 2853
 Delta R.T. -0.003 min
 Lab File: BG054987.D
 Acq: 20 Sep 2022 15:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-COMP



Tgt Ion:244 Resp: 861168
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.2 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.026 min Scan# 3700
 Delta R.T. -0.009 min
 Lab File: BG054987.D
 Acq: 20 Sep 2022 15:21

Tgt Ion:264 Resp: 274452
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.5 16.9 25.3

