

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054984.D
 Acq On : 20 Sep 2022 13:16
 Operator : CG/JU
 Sample : N4697-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-20-COMP

Quant Time: Sep 20 14:29:15 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	35094	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	143861	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	99529	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	245344	20.000	ng	0.00
76) Chrysene-d12	21.726	240	251421	20.000	ng	0.00
86) Perylene-d12	25.034	264	261993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	228236	127.254	ng	0.00
7) Phenol-d6	7.225	99	302510	125.835	ng	0.00
23) Nitrobenzene-d5	9.240	82	174459	70.290	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	143369	122.960	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	459300	72.727	ng	0.00
79) Terphenyl-d14	20.051	244	864796	71.951	ng	0.00

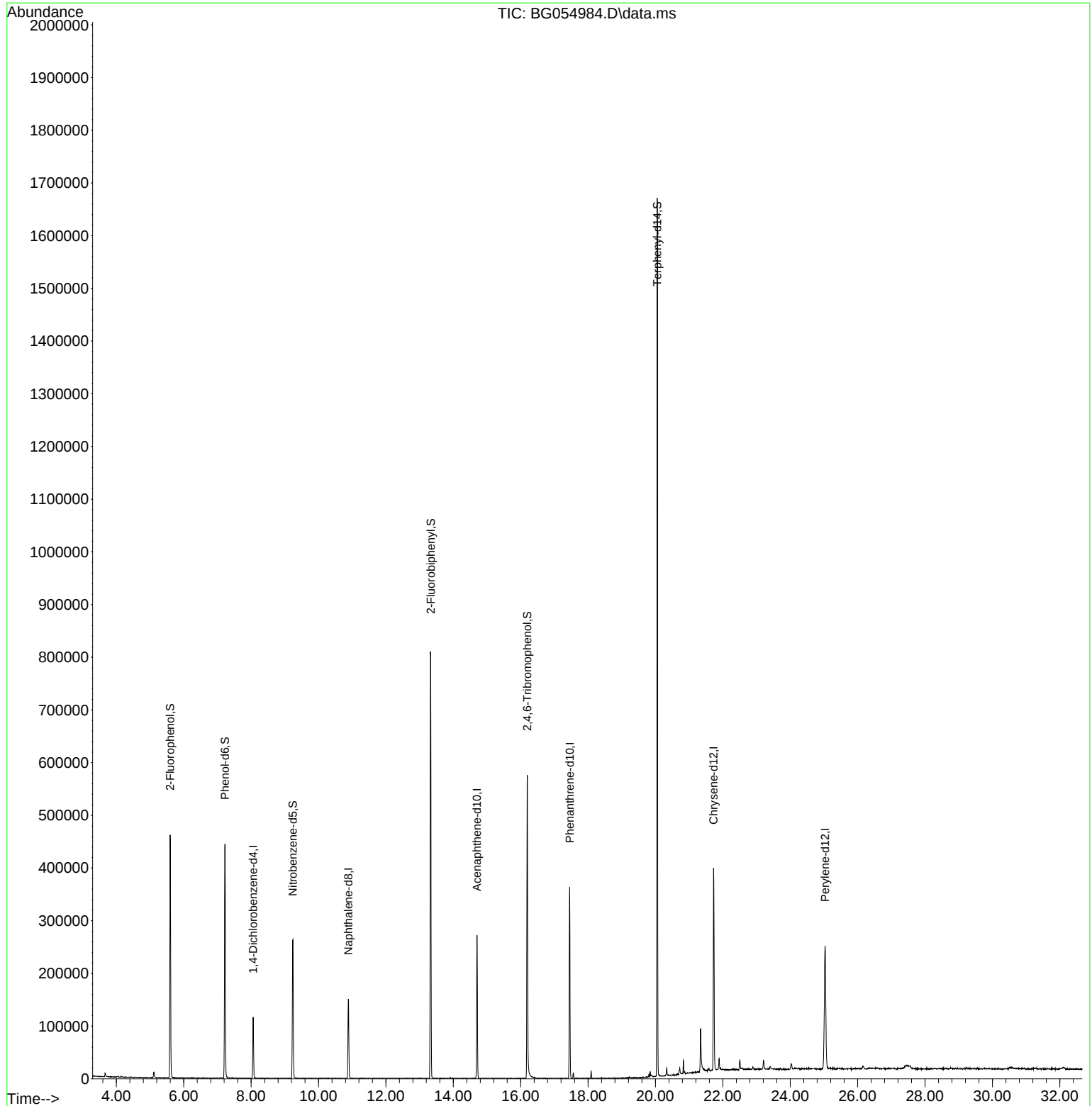
Target Compounds	Qvalue

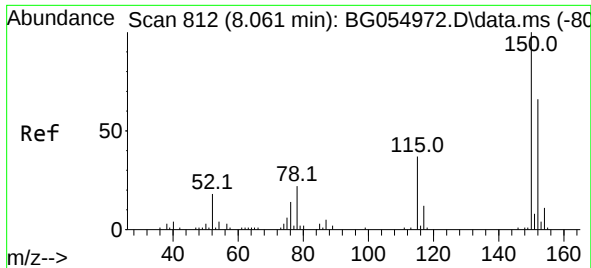
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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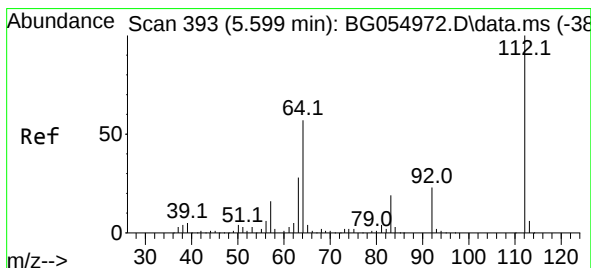
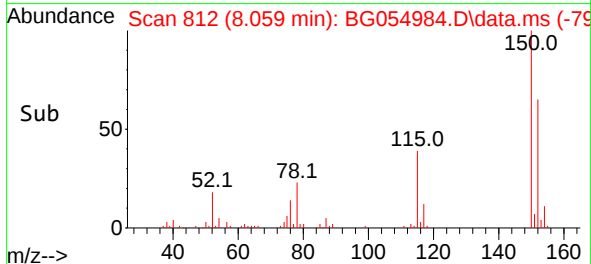
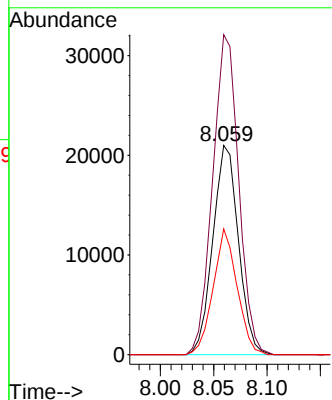
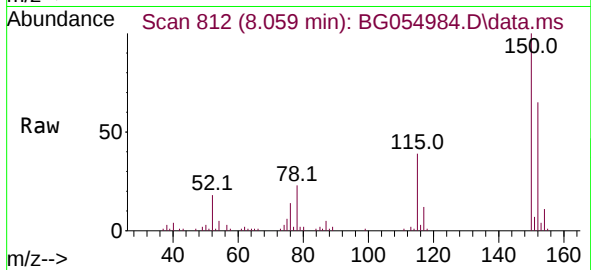




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

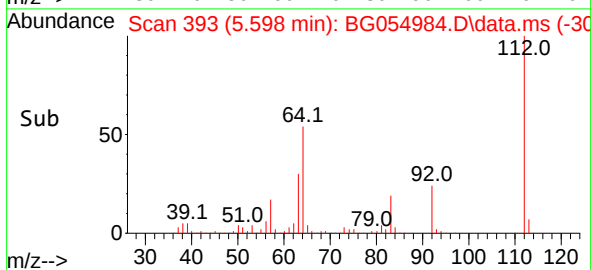
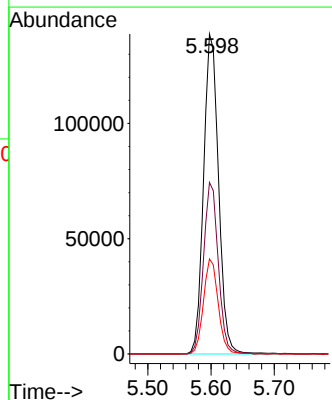
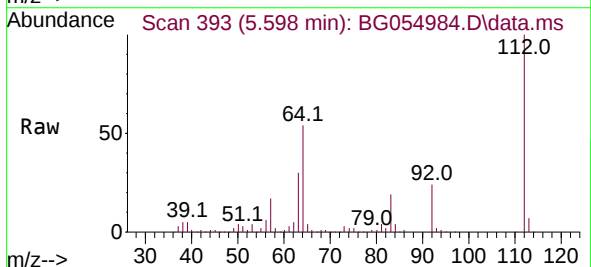
Instrument :
BNA_G
ClientSampleId :
SB-20-COMP

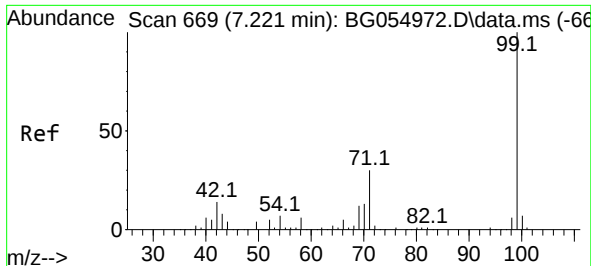
Tgt Ion:152 Resp: 35094
Ion Ratio Lower Upper
152 100
150 153.0 125.2 187.8
115 60.1 47.9 71.9



#5
2-Fluorophenol
Concen: 127.254 ng
RT: 5.598 min Scan# 393
Delta R.T. -0.001 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

Tgt Ion:112 Resp: 228236
Ion Ratio Lower Upper
112 100
64 53.6 49.3 73.9
63 29.7 26.3 39.5

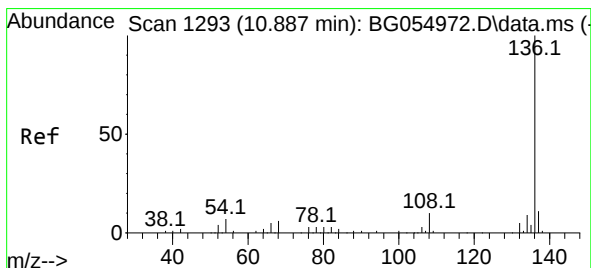
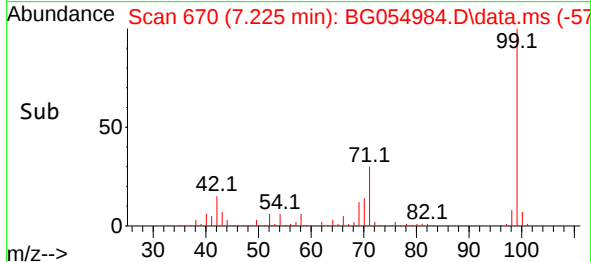
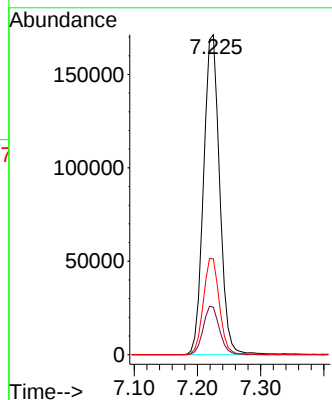
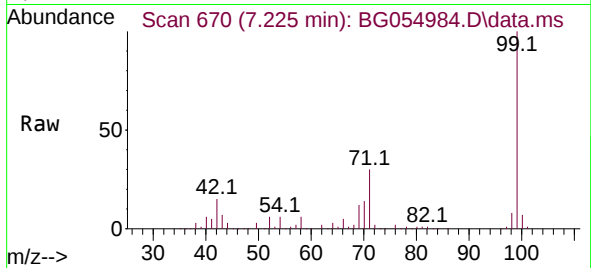




#7
Phenol-d6
Concen: 125.835 ng
RT: 7.225 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

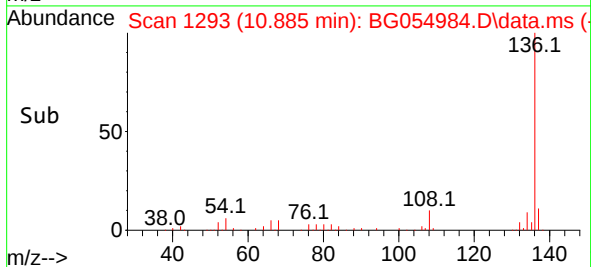
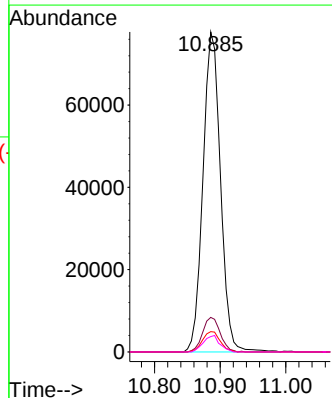
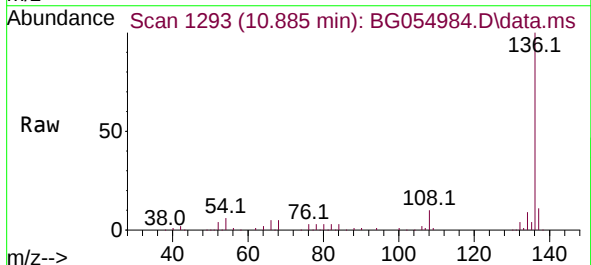
Instrument :
BNA_G
ClientSampleId :
SB-20-COMP

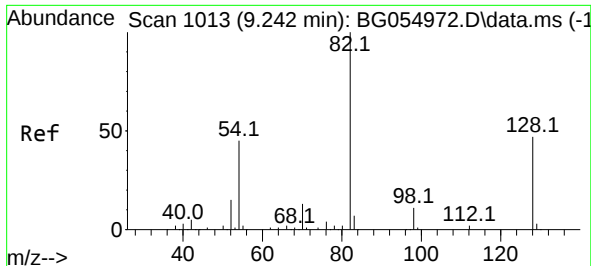
Tgt Ion: 99 Resp: 302510
Ion Ratio Lower Upper
99 100
42 14.8 14.6 22.0
71 29.9 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

Tgt Ion: 136 Resp: 143861
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.3 7.7 11.5#
68 4.8 5.6 8.4#





#23
Nitrobenzene-d5
Concen: 70.290 ng
RT: 9.240 min Scan# 1013
Delta R.T. -0.001 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

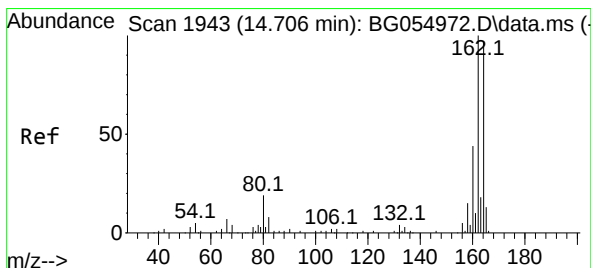
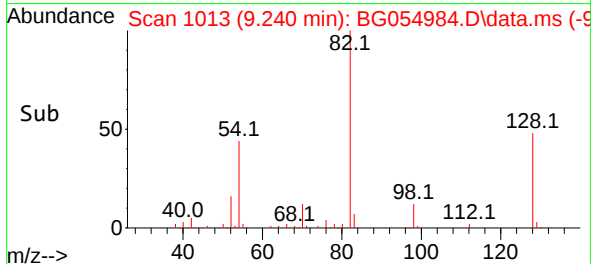
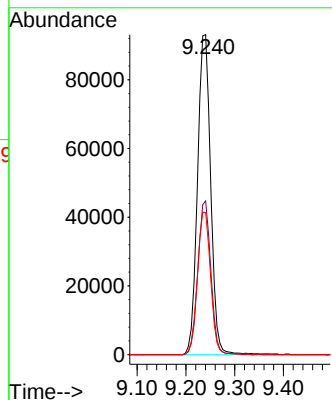
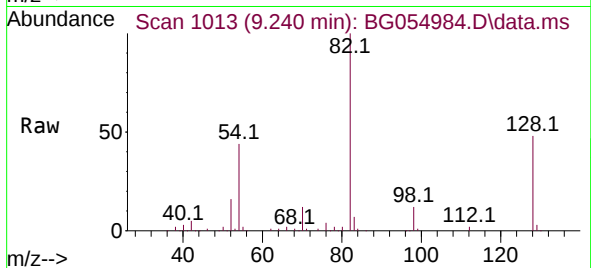
Instrument :

BNA_G

ClientSampleId :

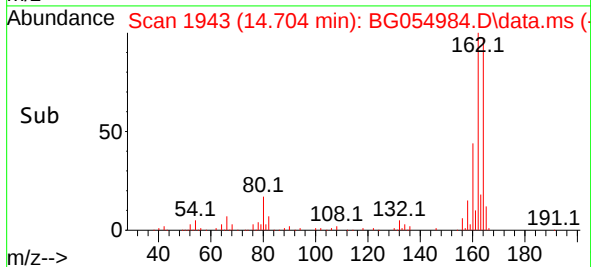
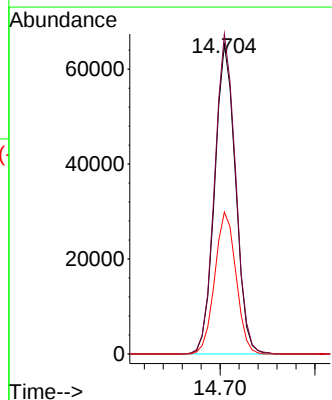
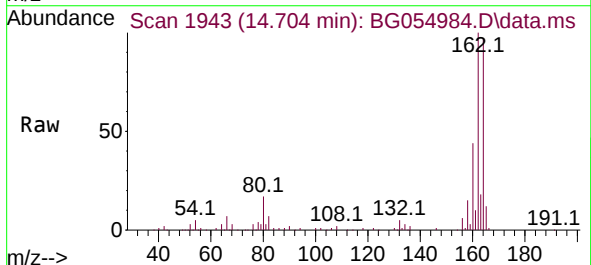
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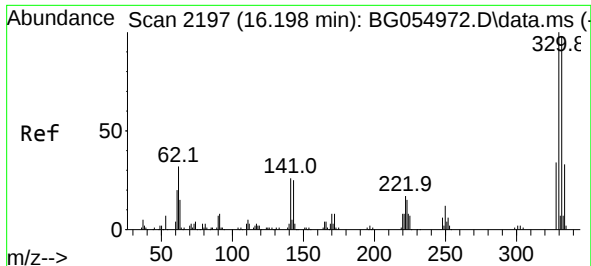
Tgt Ion: 82 Resp: 174459
Ion Ratio Lower Upper
82 100
128 48.0 32.2 48.2
54 44.4 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

Tgt Ion:164 Resp: 99529
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.4
160 45.8 38.0 57.0

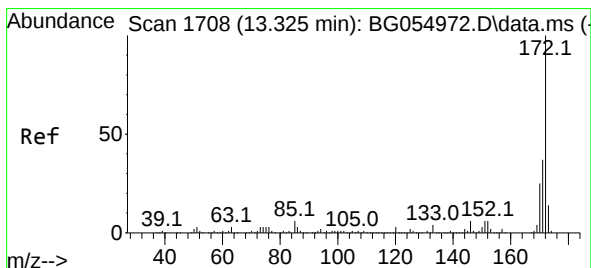
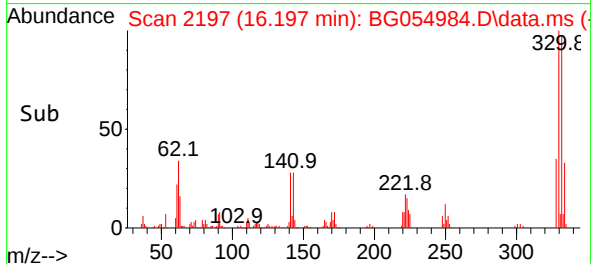
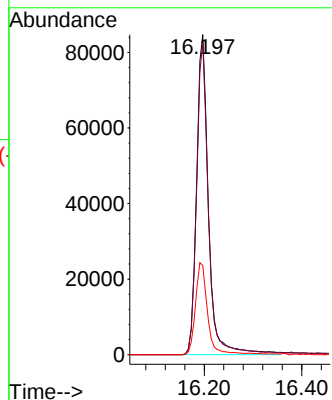
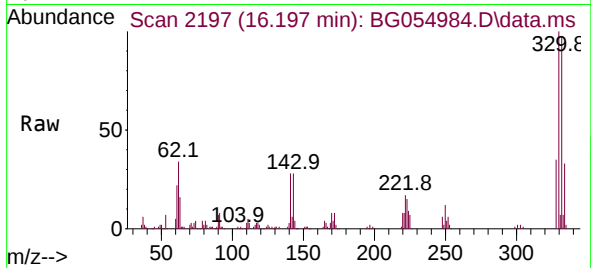




#42
2,4,6-Tribromophenol
Concen: 122.960 ng
RT: 16.197 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

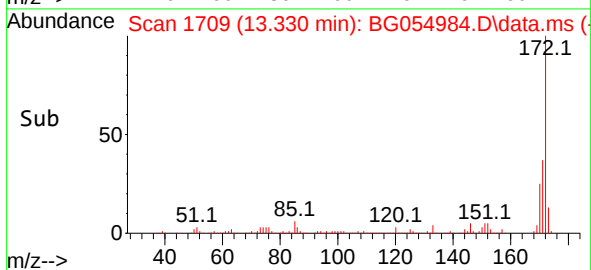
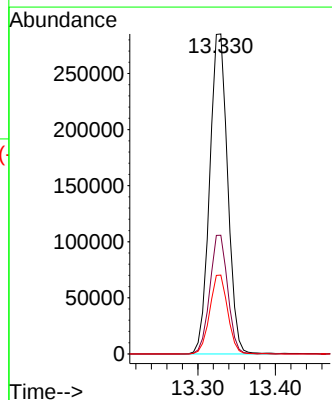
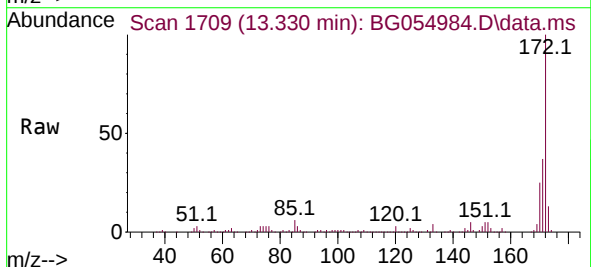
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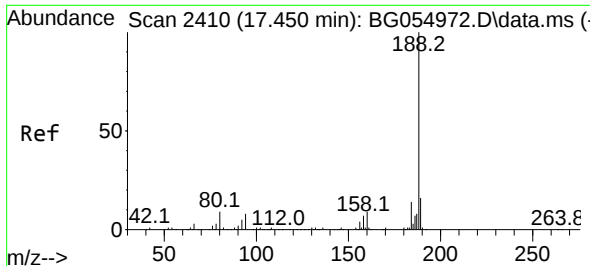
Tgt Ion:330 Resp: 143369
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 29.4 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 72.727 ng
RT: 13.330 min Scan# 1709
Delta R.T. 0.004 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

Tgt Ion:172 Resp: 459300
Ion Ratio Lower Upper
172 100
171 37.1 31.2 46.8
170 24.6 20.6 30.8

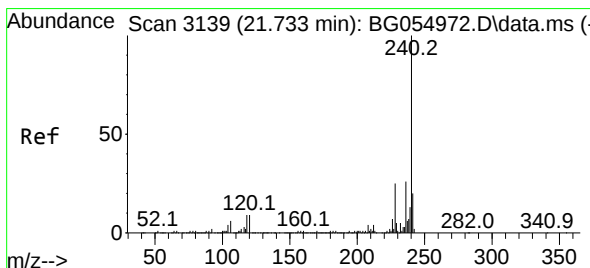
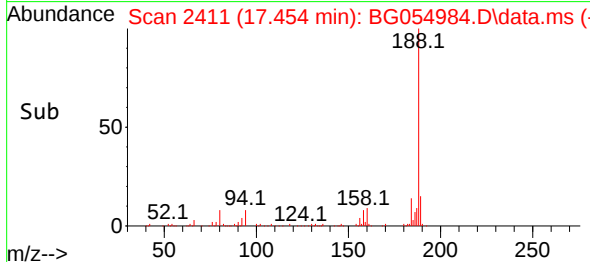
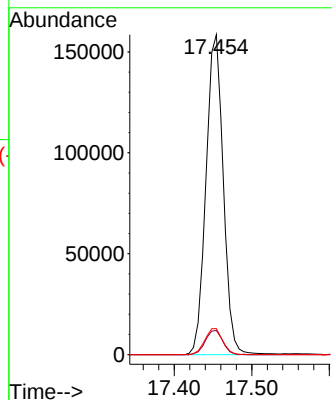
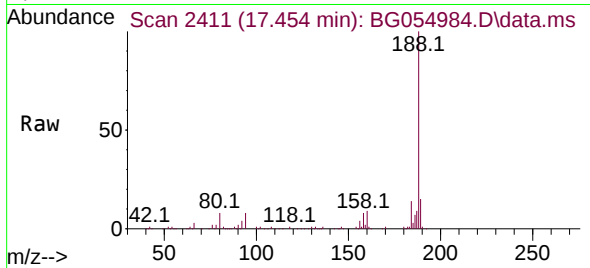




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

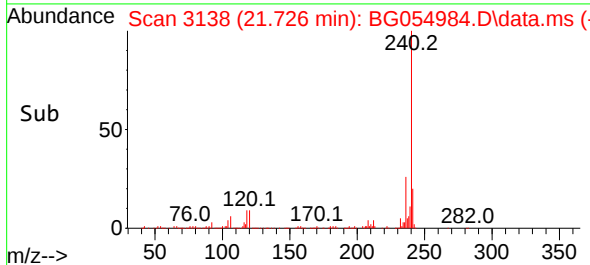
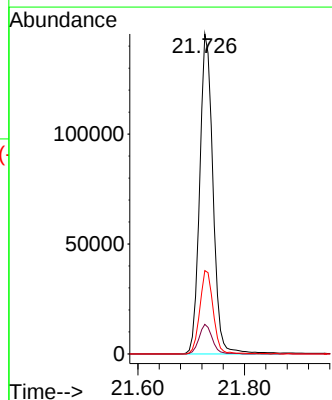
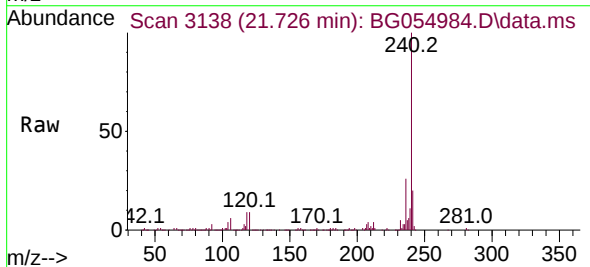
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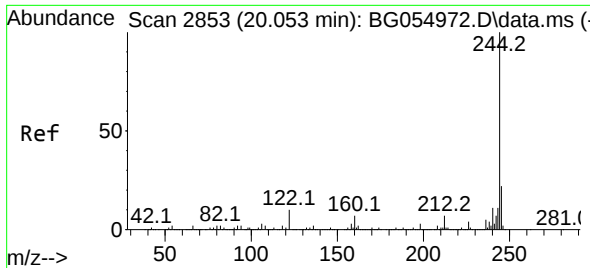
Tgt Ion:188 Resp: 245344
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3138
Delta R.T. -0.007 min
Lab File: BG054984.D
Acq: 20 Sep 2022 13:16

Tgt Ion:240 Resp: 251421
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 26.0 21.2 31.8





#79

Terphenyl-d14

Concen: 71.951 ng

RT: 20.051 min Scan# 2853

Delta R.T. -0.001 min

Lab File: BG054984.D

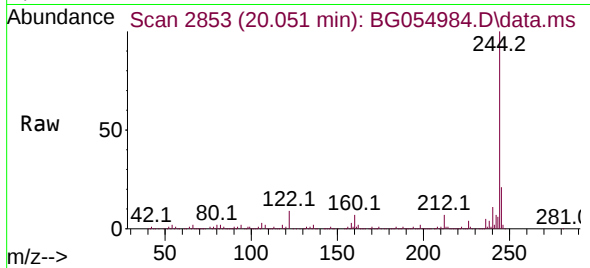
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Instrument :

BNA_G

ClientSampleId :

SB-20-COMP



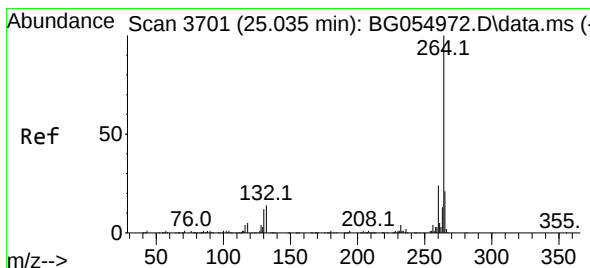
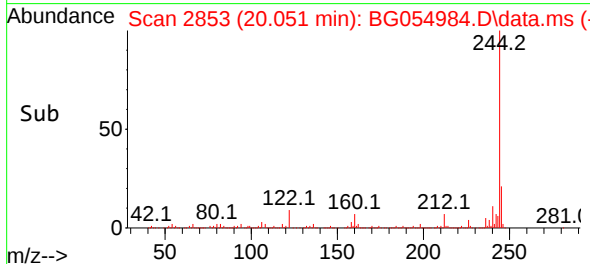
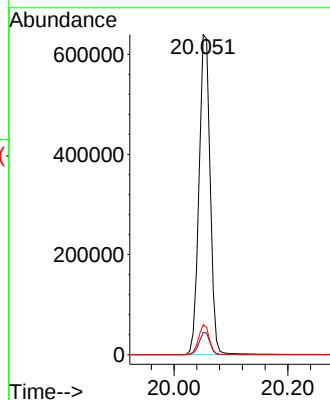
Tgt Ion:244 Resp: 864796

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 9.4 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.034 min Scan# 3701

Delta R.T. -0.001 min

Lab File: BG054984.D

Acq: 20 Sep 2022 13:16

Tgt Ion:264 Resp: 261993

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.4 16.9 25.3

