

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053389.D
 Acq On : 29 Apr 2022 22:50
 Operator : CG/JU
 Sample : N2600-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-15S

Quant Time: May 02 01:04:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	22128	20.000	ng	-0.01
21) Naphthalene-d8	10.912	136	82208	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	61682	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	170885	20.000	ng	-0.02
76) Chrysene-d12	21.756	240	199003	20.000	ng	0.00
86) Perylene-d12	25.052	264	200415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	178957	138.632	ng	0.00
7) Phenol-d6	7.264	99	224600	112.827	ng	0.00
23) Nitrobenzene-d5	9.261	82	200950	99.251	ng	-0.02
42) 2,4,6-Tribromophenol	16.217	330	156948	159.933	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	432456	96.676	ng	0.00
79) Terphenyl-d14	20.076	244	1074799	91.216	ng	0.00

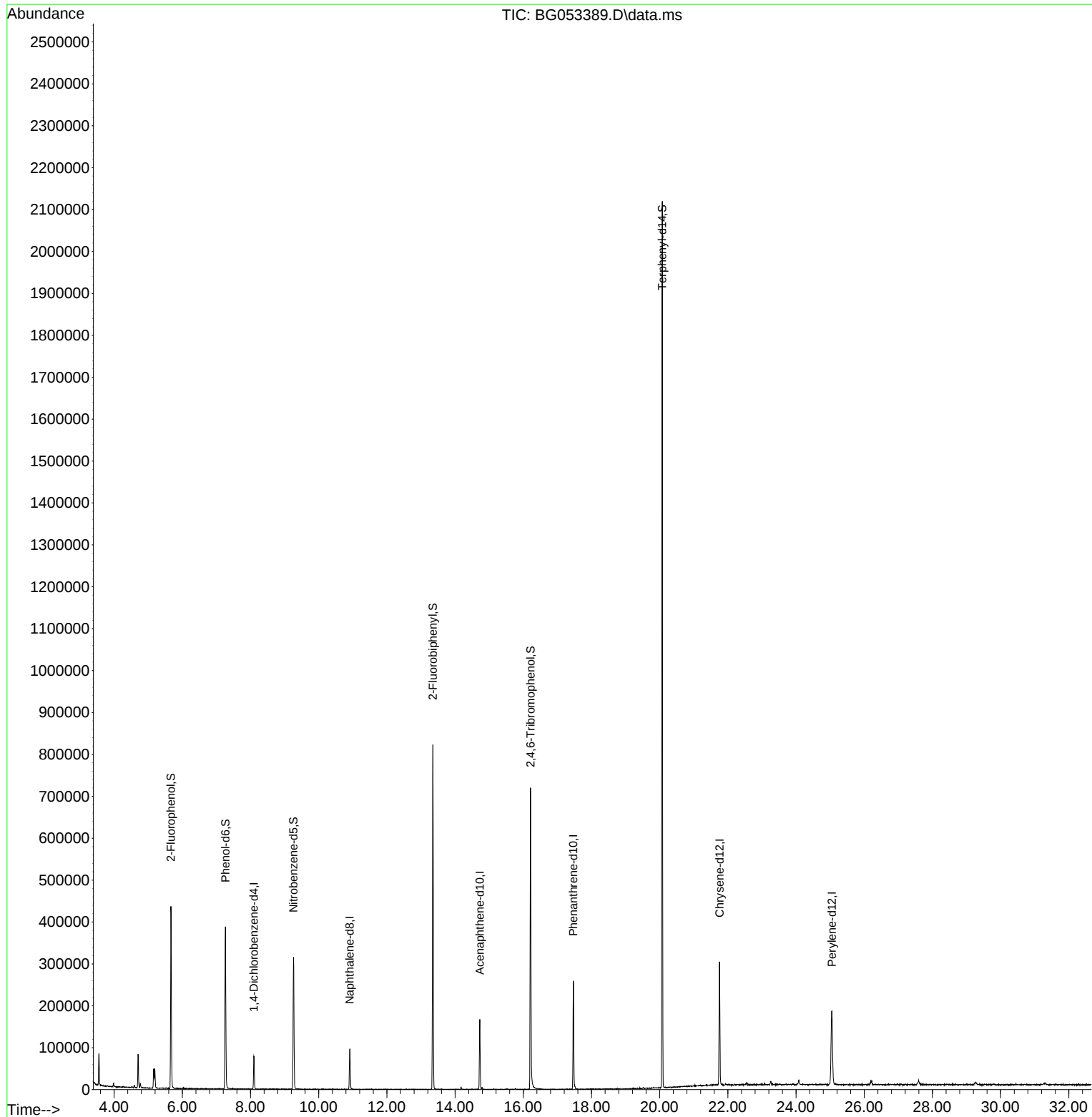
Target Compounds	Qvalue

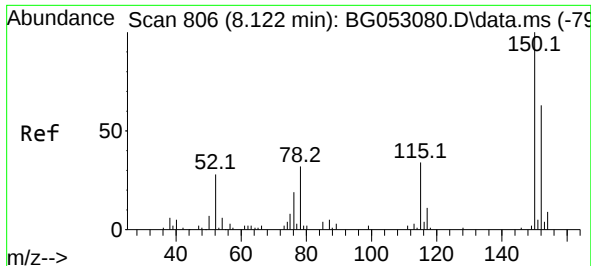
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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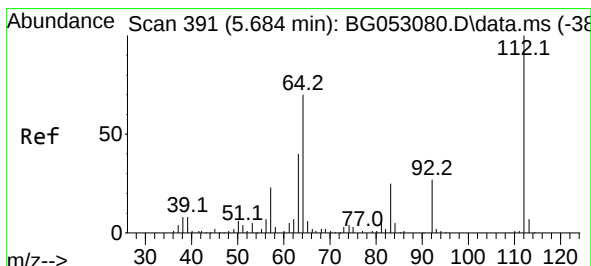
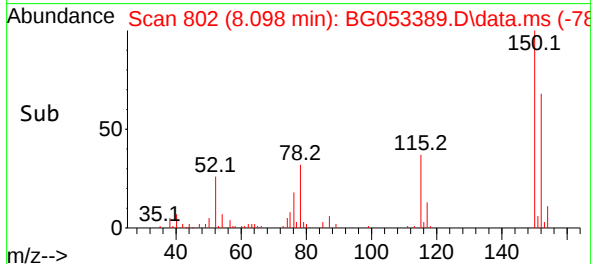
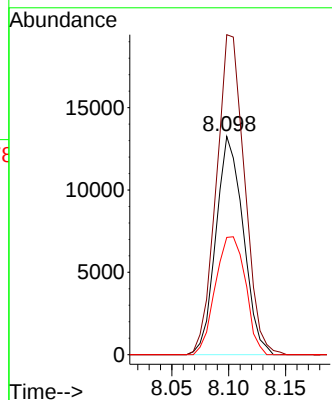
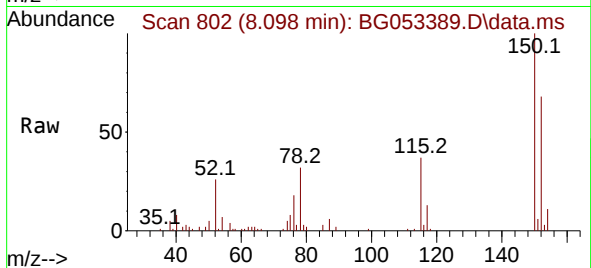




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.098 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

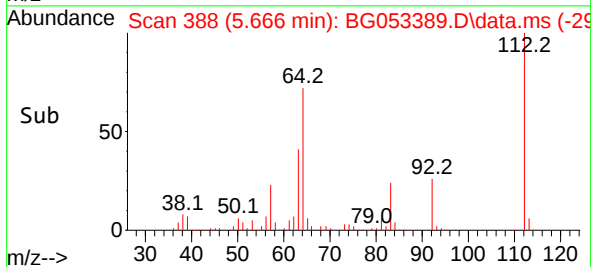
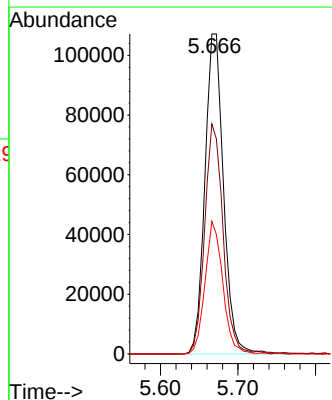
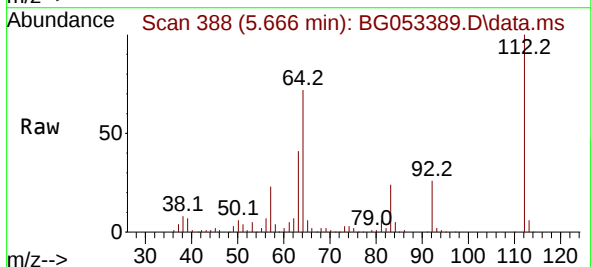
Instrument :
BNA_G
ClientSampleId :
MH-15S

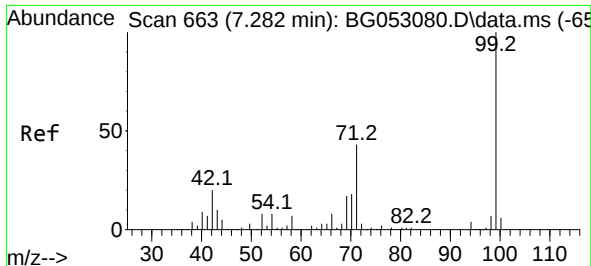
Tgt Ion:152 Resp: 22128
Ion Ratio Lower Upper
152 100
150 146.6 114.6 172.0
115 53.7 45.9 68.9



#5
2-Fluorophenol
Concen: 138.632 ng
RT: 5.666 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion:112 Resp: 178957
Ion Ratio Lower Upper
112 100
64 71.9 48.0 72.0
63 41.4 26.5 39.7#

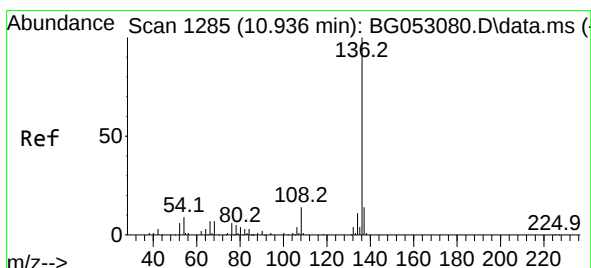
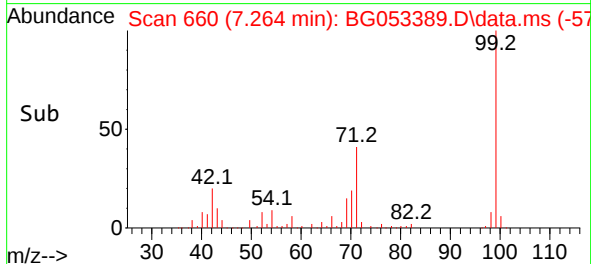
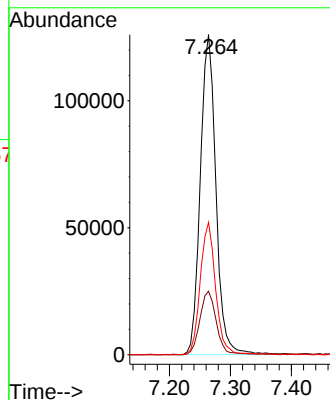
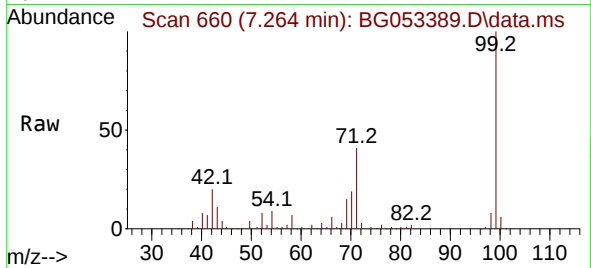




#7
Phenol-d6
Concen: 112.827 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

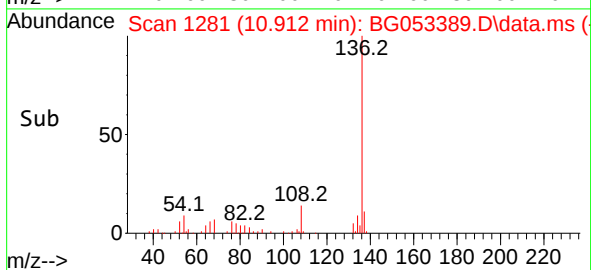
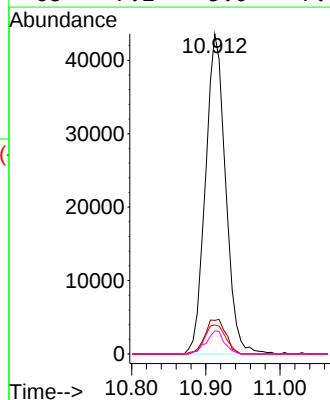
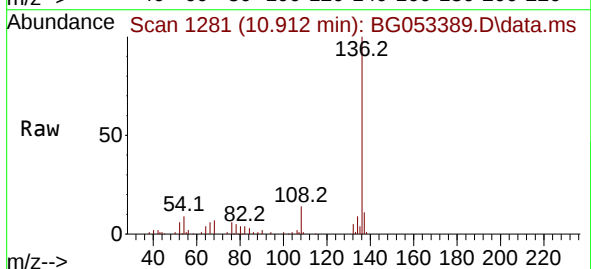
Instrument :
BNA_G
ClientSampleId :
MH-15S

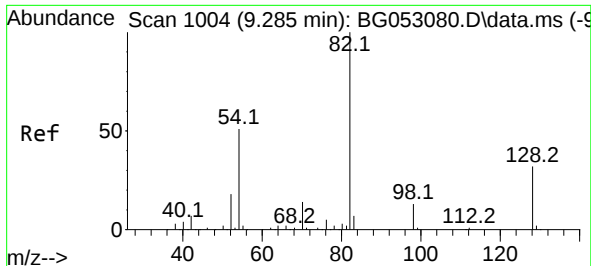
Tgt Ion: 99 Resp: 224600
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 41.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 1281
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion: 136 Resp: 82208
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 9.1 6.4 9.6
68 7.2 5.0 7.6

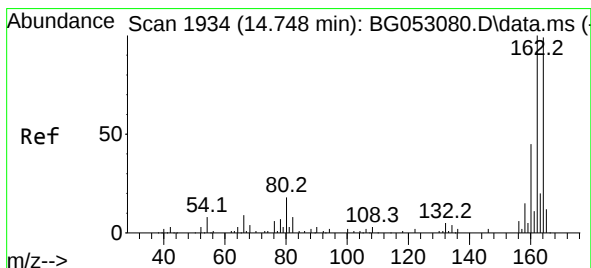
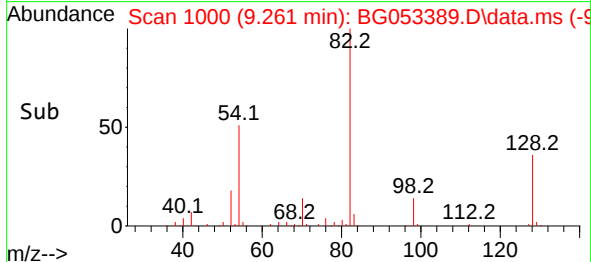
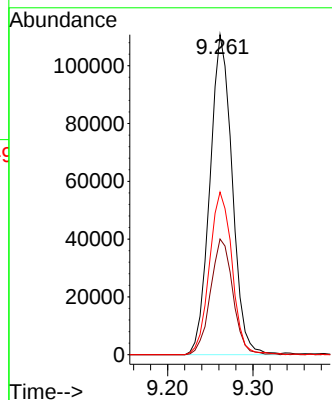
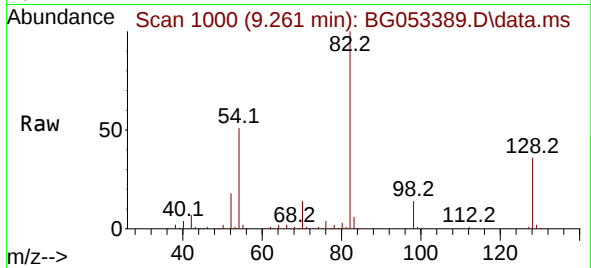




#23
Nitrobenzene-d5
Concen: 99.251 ng
RT: 9.261 min Scan# 1000
Delta R.T. -0.015 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

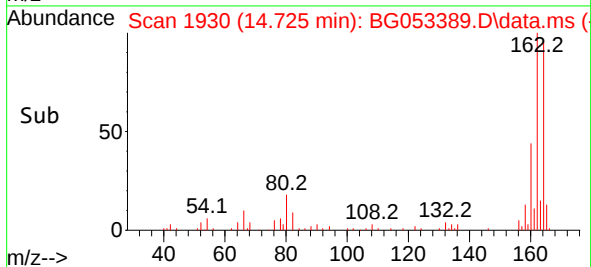
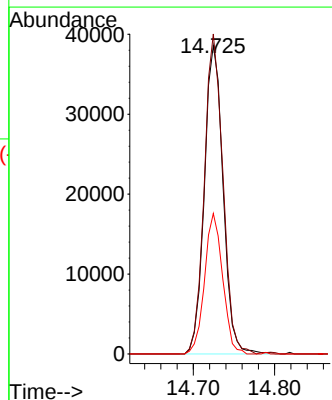
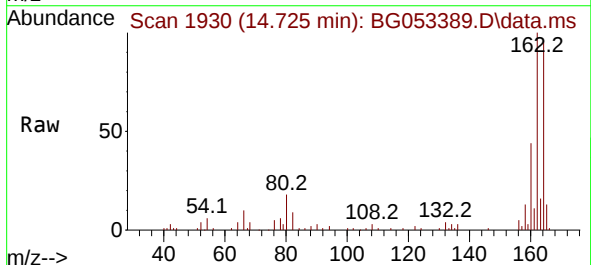
Instrument :
BNA_G
ClientSampleId :
MH-15S

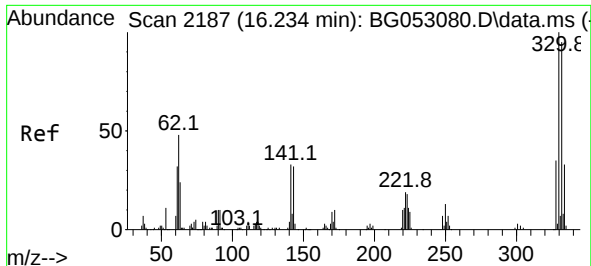
Tgt Ion: 82 Resp: 200950
Ion Ratio Lower Upper
82 100
128 36.2 31.3 46.9
54 50.8 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion:164 Resp: 61682
Ion Ratio Lower Upper
164 100
162 103.7 80.0 120.0
160 45.5 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 159.933 ng

RT: 16.217 min Scan# 2187

Delta R.T. -0.009 min

Lab File: BG053389.D

Acq: 29 Apr 2022 22:50

Instrument :

BNA_G

ClientSampleId :

MH-15S

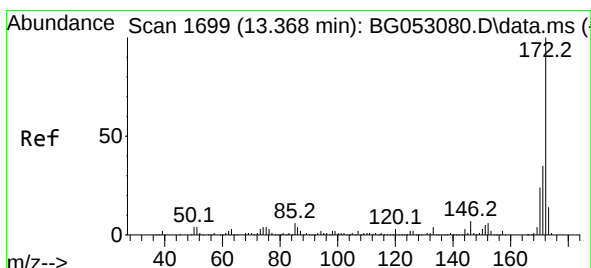
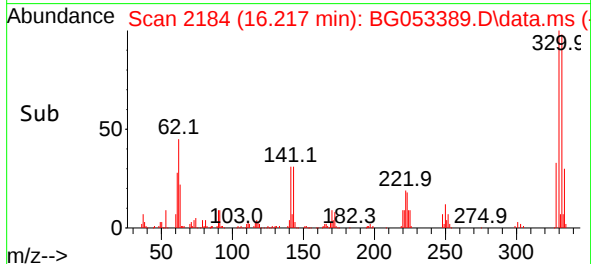
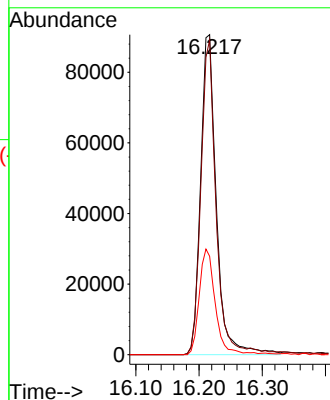
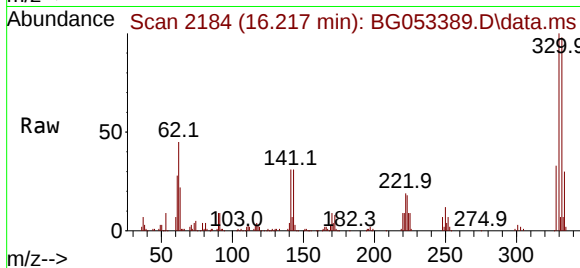
Tgt Ion:330 Resp: 156948

Ion Ratio Lower Upper

330 100

332 94.9 75.8 113.6

141 33.9 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 96.676 ng

RT: 13.350 min Scan# 1696

Delta R.T. -0.009 min

Lab File: BG053389.D

Acq: 29 Apr 2022 22:50

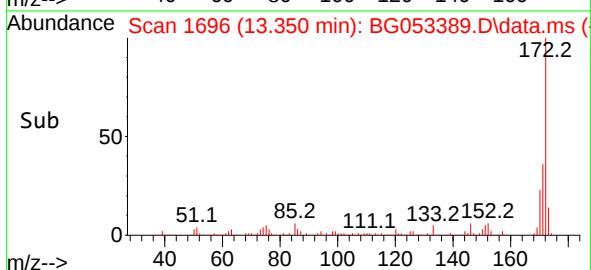
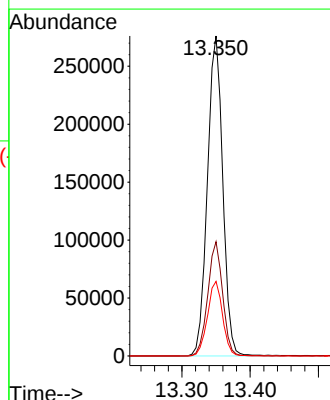
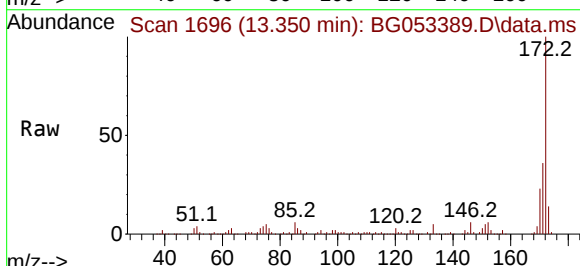
Tgt Ion:172 Resp: 432456

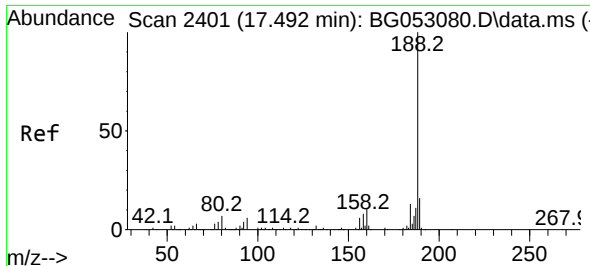
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.3 18.0 27.0

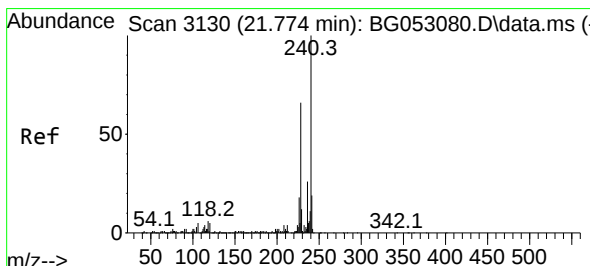
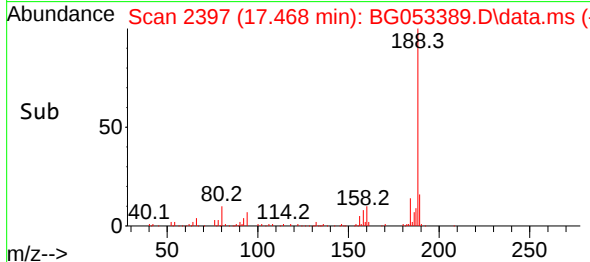
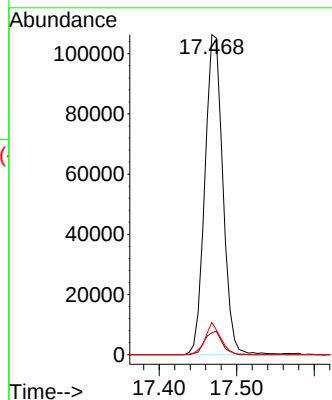
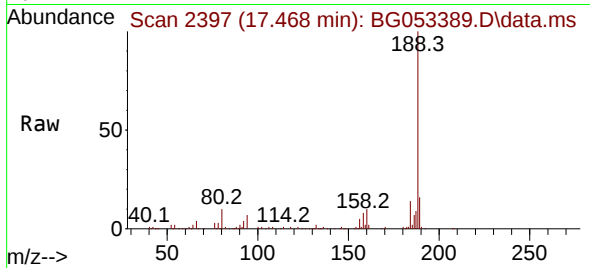




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.468 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

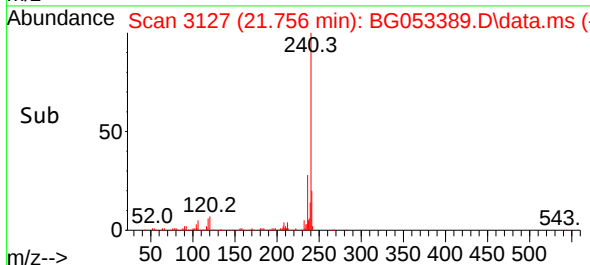
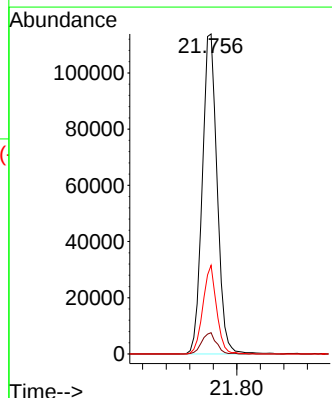
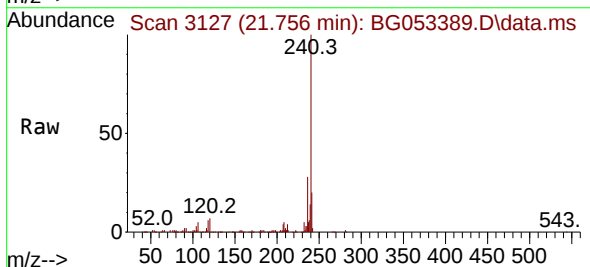
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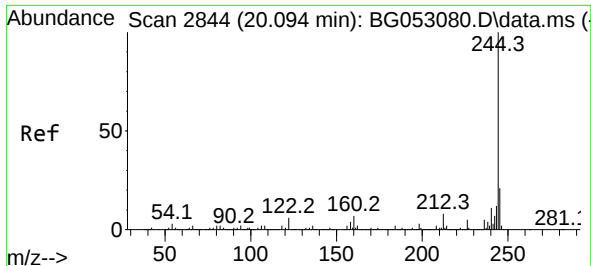
Tgt Ion:188 Resp: 170885
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 10.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion:240 Resp: 199003
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 27.7 19.8 29.6

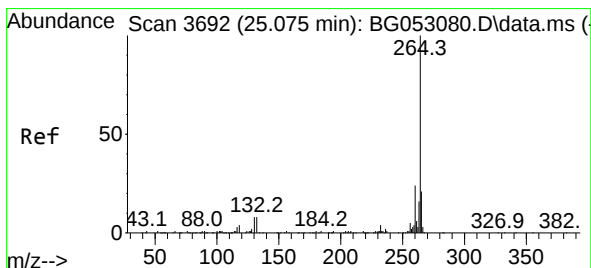
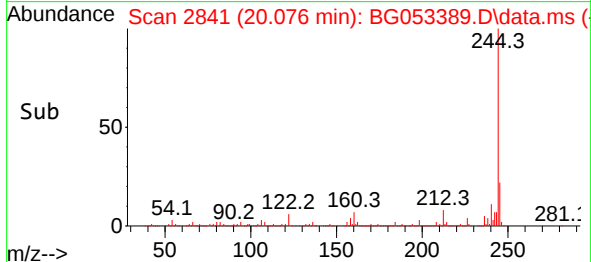
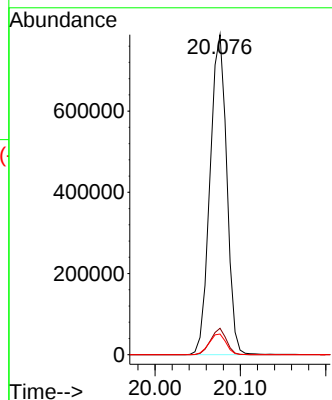
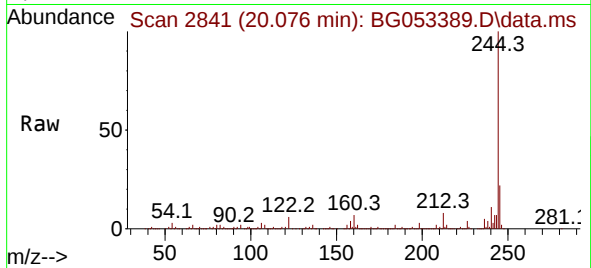




#79
 Terphenyl-d14
 Concen: 91.216 ng
 RT: 20.076 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053389.D
 Acq: 29 Apr 2022 22:50

Instrument :
 BNA_G
 ClientSampleId :
 MH-15S

Tgt Ion:244 Resp: 1074799
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.4 8.2#
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 3688
 Delta R.T. -0.009 min
 Lab File: BG053389.D
 Acq: 29 Apr 2022 22:50

Tgt Ion:264 Resp: 200415
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 21.3 15.1 22.7

