

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053378.D
 Acq On : 29 Apr 2022 15:45
 Operator : CG/JU
 Sample : N2616-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-20D

Quant Time: May 02 01:02:55 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	8.099	152	22499	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	85821	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	64053	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	152642	20.000	ng	0.00
76) Chrysene-d12	21.757	240	179439	20.000	ng	0.00
86) Perylene-d12	25.047	264	187703	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	134830	102.726	ng	0.00
7) Phenol-d6	7.259	99	198839	98.239	ng	-0.01
23) Nitrobenzene-d5	9.262	82	139222	65.868	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	108438	106.410	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	303295	65.292	ng	0.00
79) Terphenyl-d14	20.077	244	642987	60.519	ng	0.00

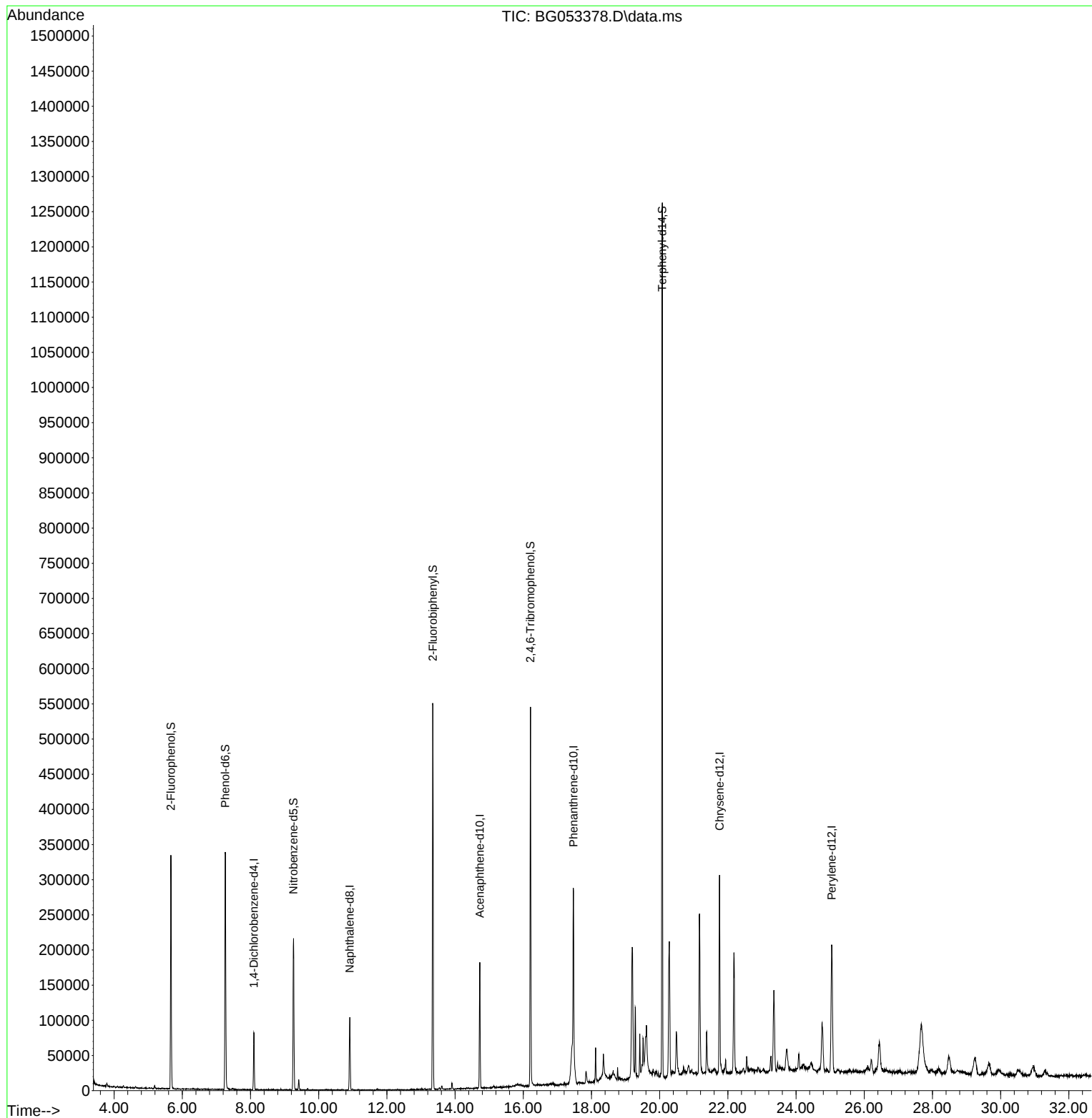
Target Compounds	Qvalue

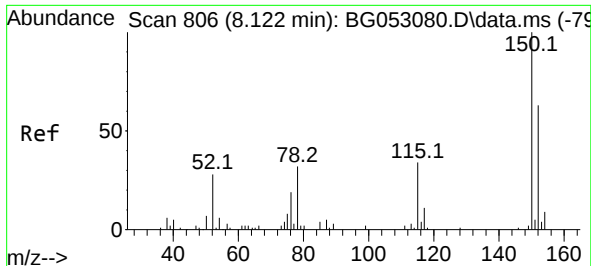
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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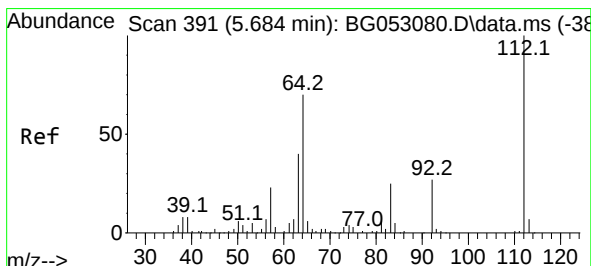
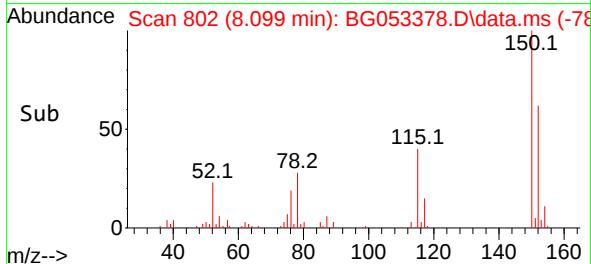
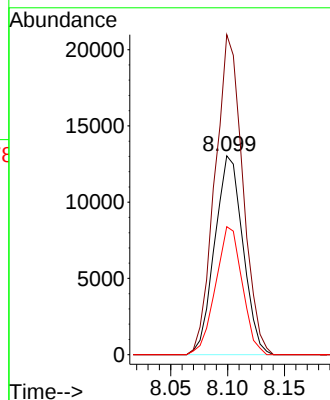
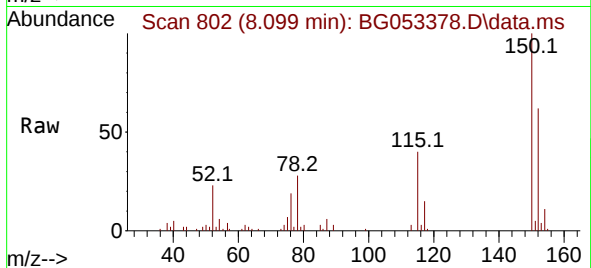




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 80
Delta R.T. -0.014 min
Lab File: BG053378.D
Acq: 29 Apr 2022 15:45

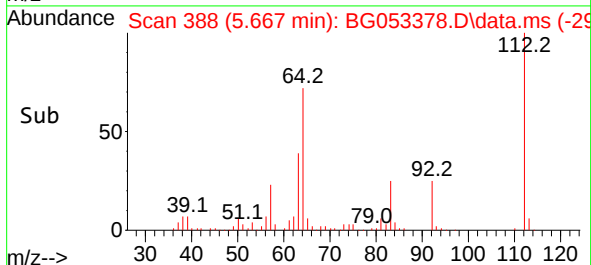
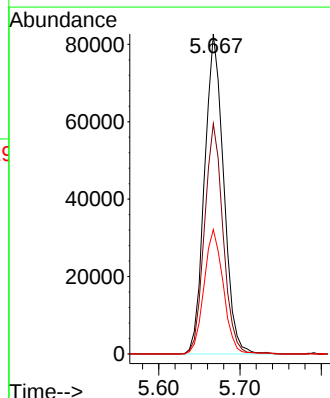
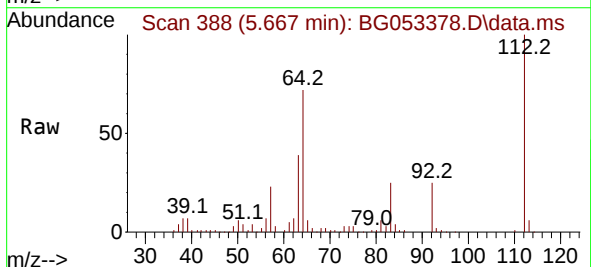
Instrument :
BNA_G
ClientSampleId :
MH-20D

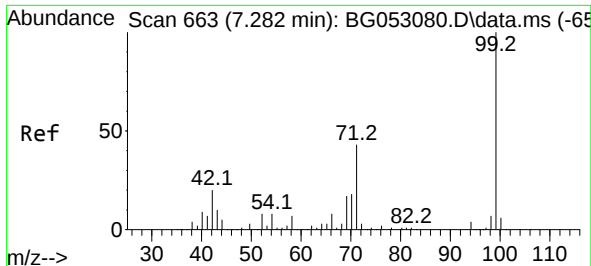
Tgt Ion:152 Resp: 22499
Ion Ratio Lower Upper
152 100
150 160.9 114.6 172.0
115 64.4 45.9 68.9



#5
2-Fluorophenol
Concen: 102.726 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053378.D
Acq: 29 Apr 2022 15:45

Tgt Ion:112 Resp: 134830
Ion Ratio Lower Upper
112 100
64 71.9 48.0 72.0
63 38.9 26.5 39.7

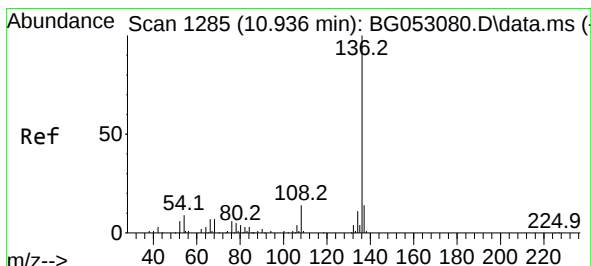
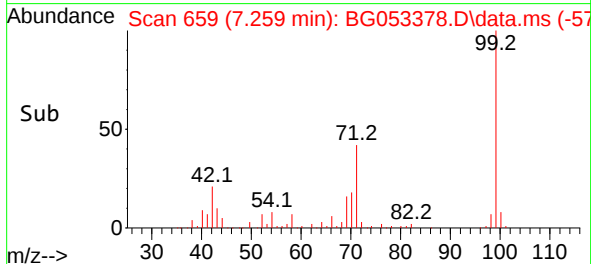
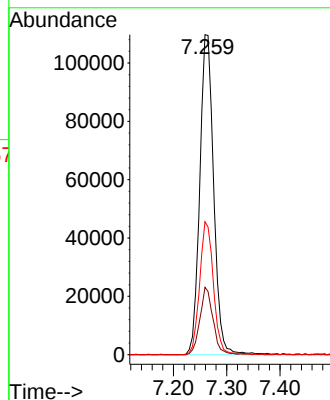
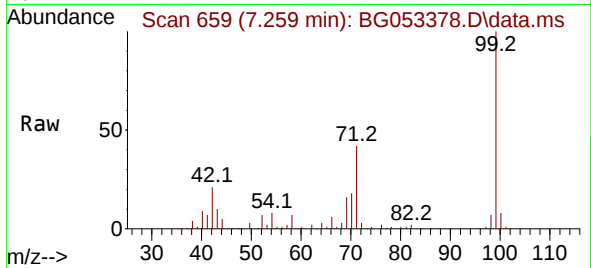




#7
Phenol-d6
Concen: 98.239 ng
RT: 7.259 min Scan# 61
Delta R.T. -0.014 min
Lab File: BG053378.D
Acq: 29 Apr 2022 15:45

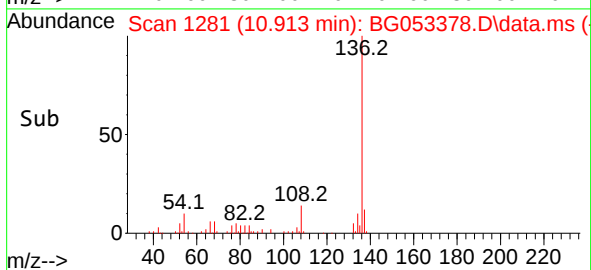
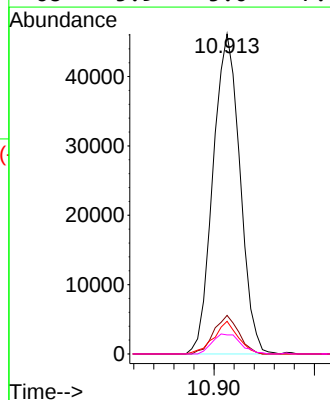
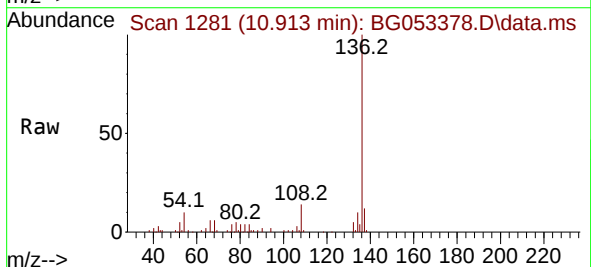
Instrument :
BNA_G
ClientSampleId :
MH-20D

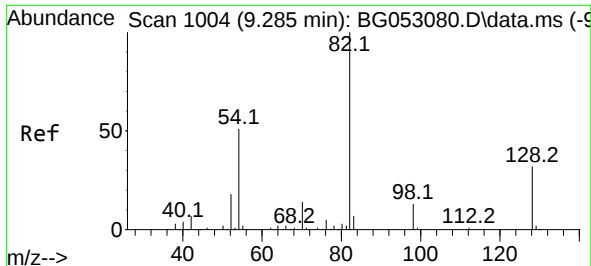
Tgt Ion: 99 Resp: 198839
Ion Ratio Lower Upper
99 100
42 21.0 14.7 22.1
71 41.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1281
Delta R.T. -0.008 min
Lab File: BG053378.D
Acq: 29 Apr 2022 15:45

Tgt Ion: 136 Resp: 85821
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.2
54 10.2 6.4 9.6#
68 5.9 5.0 7.6

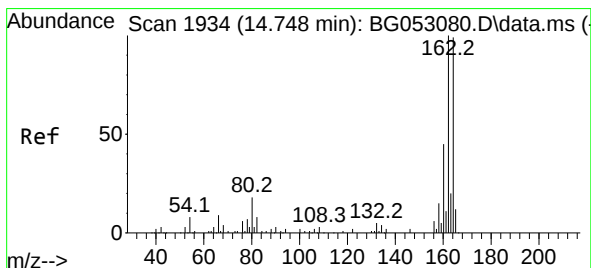
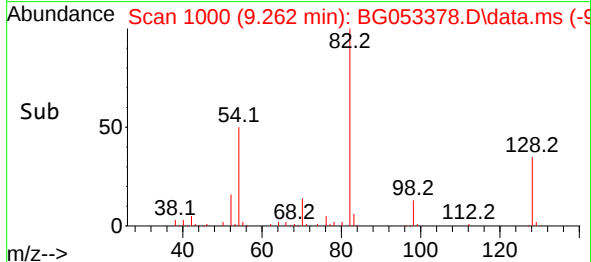
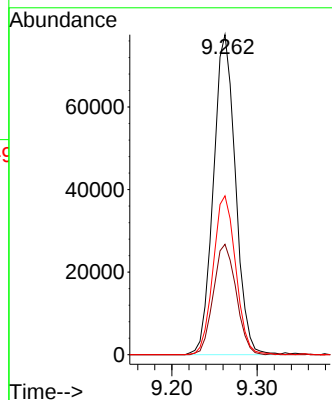
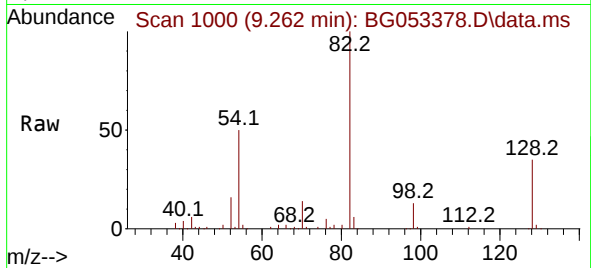




#23
 Nitrobenzene-d5
 Concen: 65.868 ng
 RT: 9.262 min Scan# 1000
 Delta R.T. -0.014 min
 Lab File: BG053378.D
 Acq: 29 Apr 2022 15:45

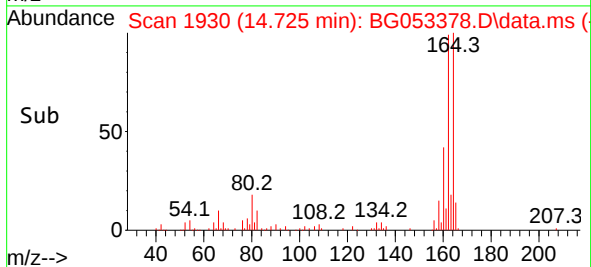
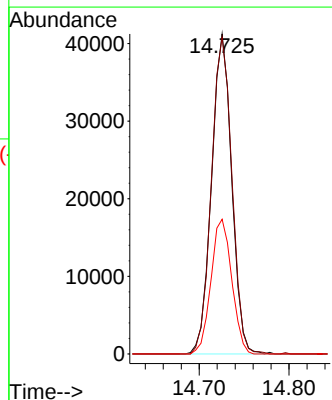
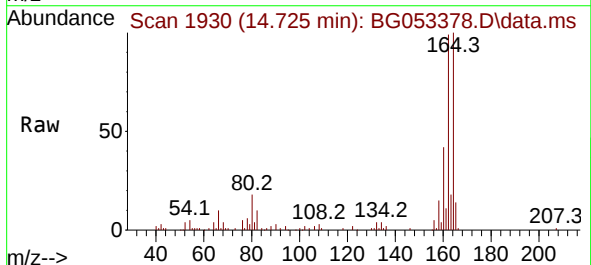
Instrument :
 BNA_G
 ClientSampleId :
 MH-20D

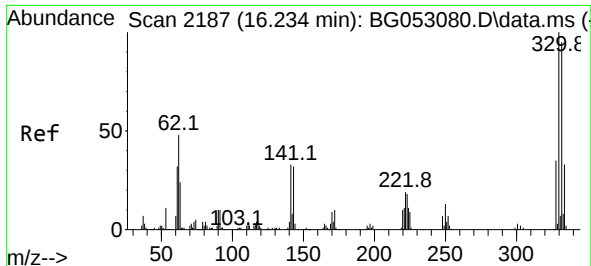
Tgt Ion: 82 Resp: 139222
 Ion Ratio Lower Upper
 82 100
 128 34.5 31.3 46.9
 54 49.7 37.8 56.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.725 min Scan# 1930
 Delta R.T. -0.008 min
 Lab File: BG053378.D
 Acq: 29 Apr 2022 15:45

Tgt Ion: 164 Resp: 64053
 Ion Ratio Lower Upper
 164 100
 162 98.9 80.0 120.0
 160 42.1 38.8 58.2

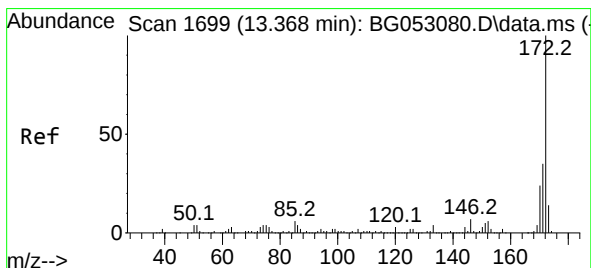
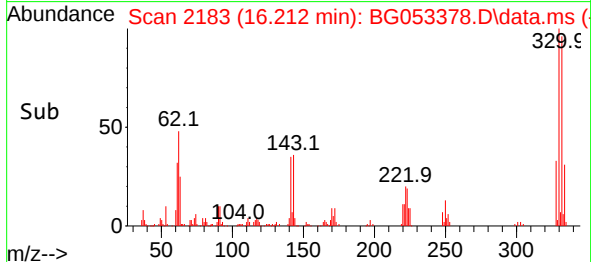
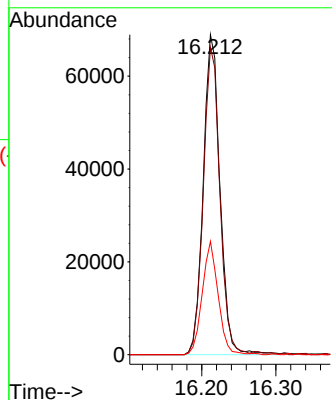
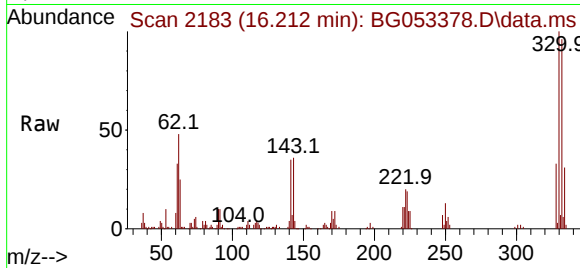




#42
2,4,6-Tribromophenol
Concen: 106.410 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.014 min
Lab File: BG053378.D
Acq: 29 Apr 2022 15:45

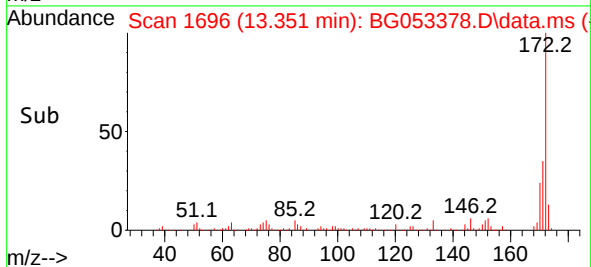
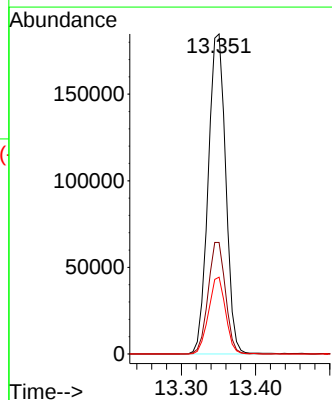
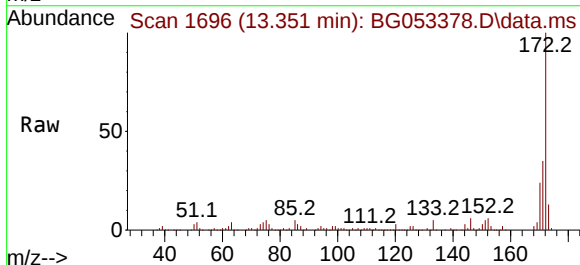
Instrument :
BNA_G
ClientSampleId :
MH-20D

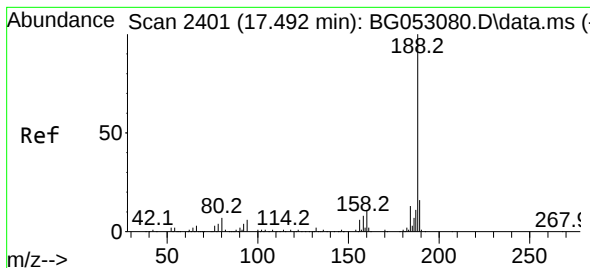
Tgt Ion:330 Resp: 108438
Ion Ratio Lower Upper
330 100
332 94.6 75.8 113.6
141 33.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 65.292 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.008 min
Lab File: BG053378.D
Acq: 29 Apr 2022 15:45

Tgt Ion:172 Resp: 303295
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 24.0 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.475 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053378.D

Acq: 29 Apr 2022 15:45

Instrument :

BNA_G

ClientSampleId :

MH-20D

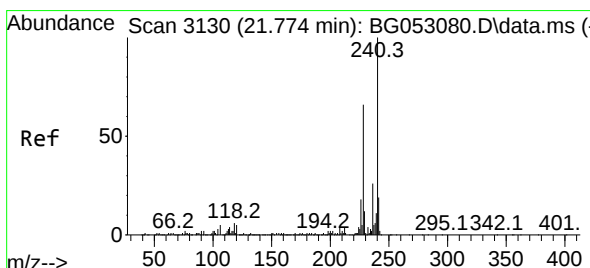
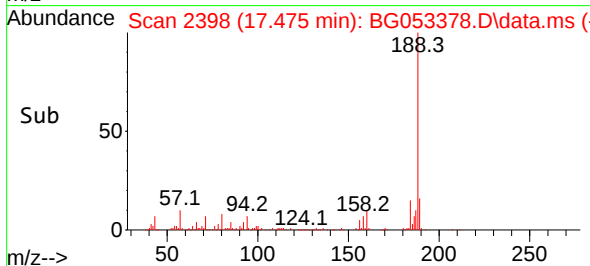
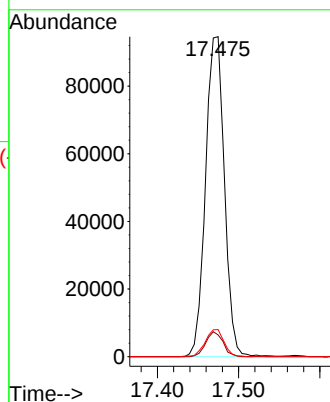
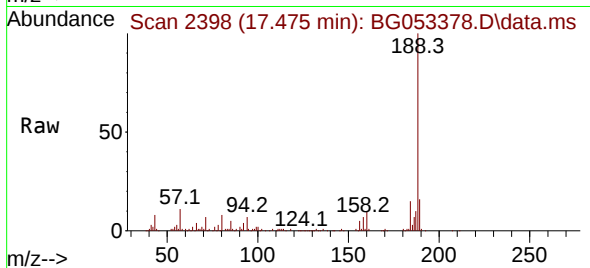
Tgt Ion:188 Resp: 152642

Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

80 8.5 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.757 min Scan# 3127

Delta R.T. -0.008 min

Lab File: BG053378.D

Acq: 29 Apr 2022 15:45

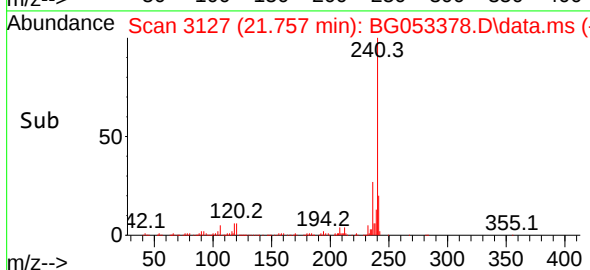
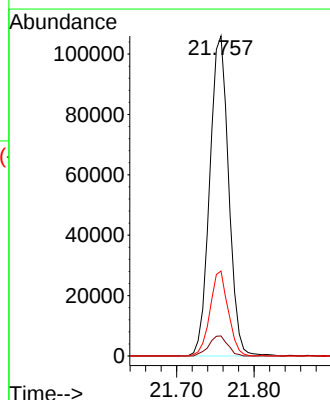
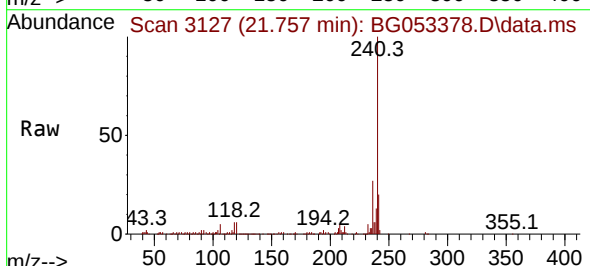
Tgt Ion:240 Resp: 179439

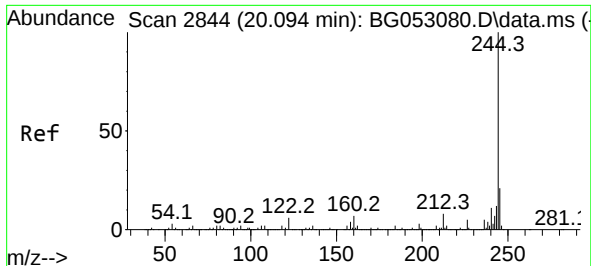
Ion Ratio Lower Upper

240 100

120 6.3 5.4 8.0

236 26.6 19.8 29.6

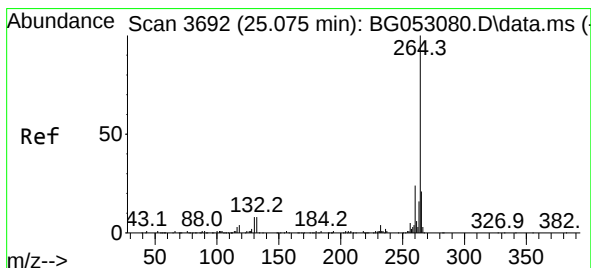
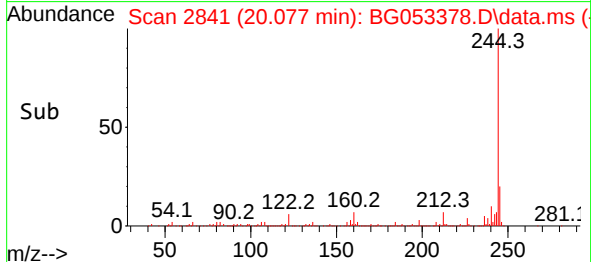
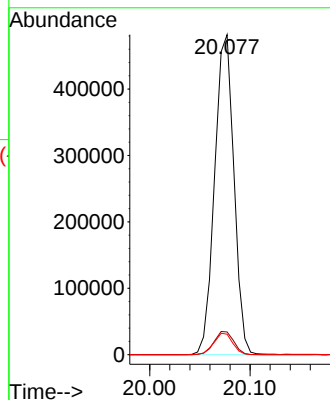
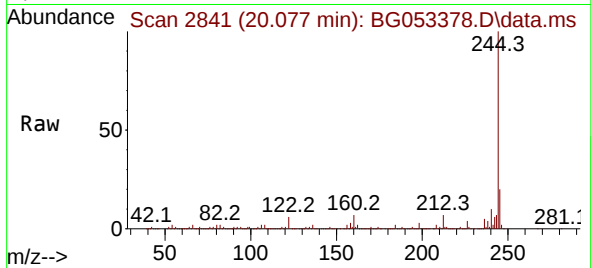




#79
 Terphenyl-d14
 Concen: 60.519 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053378.D
 Acq: 29 Apr 2022 15:45

Instrument :
 BNA_G
 ClientSampleId :
 MH-20D

Tgt Ion:244 Resp: 642987
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.047 min Scan# 3687
 Delta R.T. -0.014 min
 Lab File: BG053378.D
 Acq: 29 Apr 2022 15:45

Tgt Ion:264 Resp: 187703
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 22.4 15.1 22.7

