

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053380.D
 Acq On : 29 Apr 2022 17:02
 Operator : CG/JU
 Sample : N2572-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-14S

Quant Time: May 02 01:03:07 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	8.102	152	20179	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	80021	20.000	ng	# 0.00
39) Acenaphthene-d10	14.723	164	62726	20.000	ng	-0.01
64) Phenanthrene-d10	17.472	188	177368	20.000	ng	-0.01
76) Chrysene-d12	21.755	240	207400	20.000	ng	-0.01
86) Perylene-d12	25.050	264	204786	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	169932	144.355	ng	0.00
7) Phenol-d6	7.262	99	215527	118.726	ng	-0.01
23) Nitrobenzene-d5	9.260	82	192628	97.741	ng	-0.02
42) 2,4,6-Tribromophenol	16.215	330	161053	161.385	ng	-0.01
45) 2-Fluorobiphenyl	13.348	172	423757	93.154	ng	-0.01
79) Terphenyl-d14	20.074	244	1110785	90.454	ng	-0.01

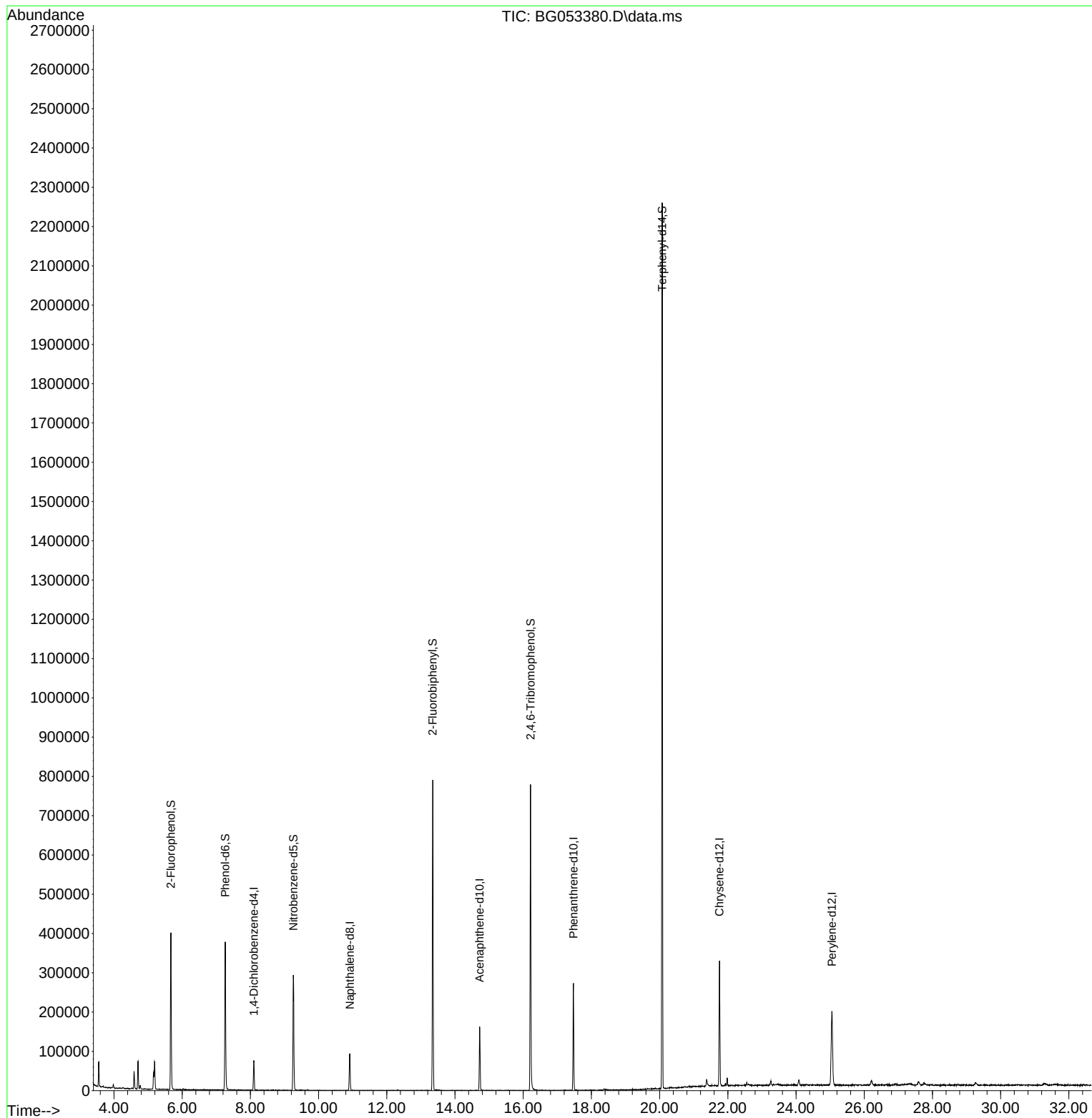
Target Compounds	Qvalue

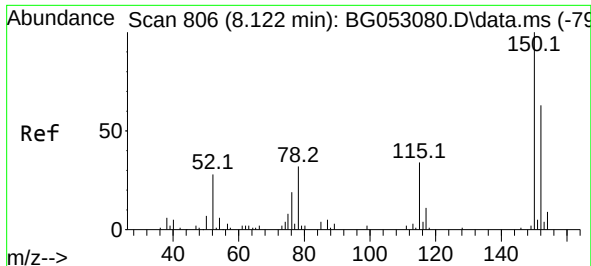
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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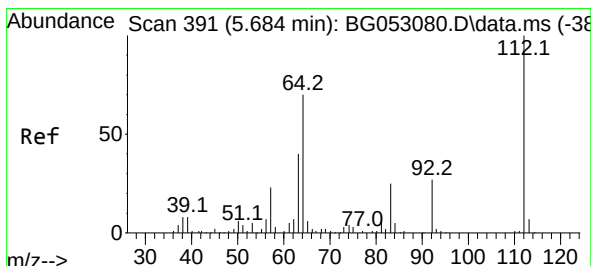
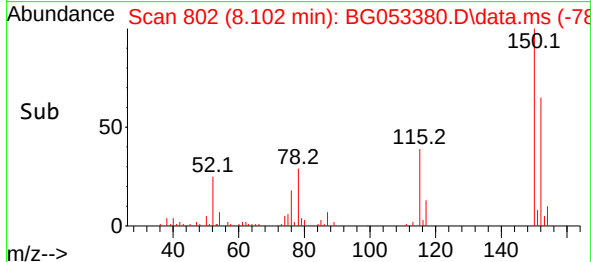
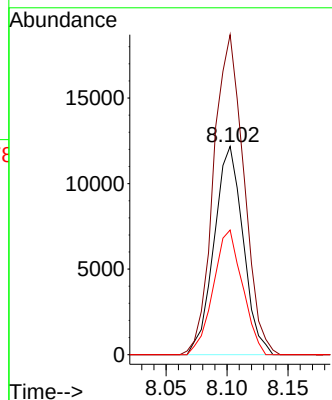
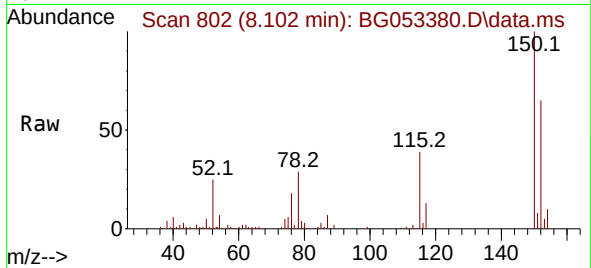




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 806
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

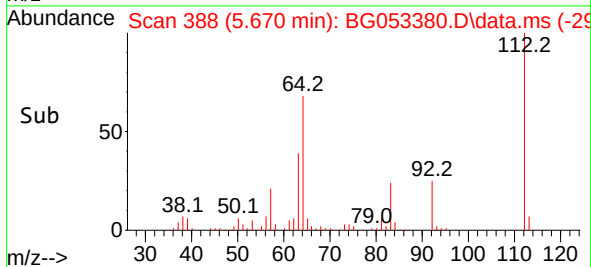
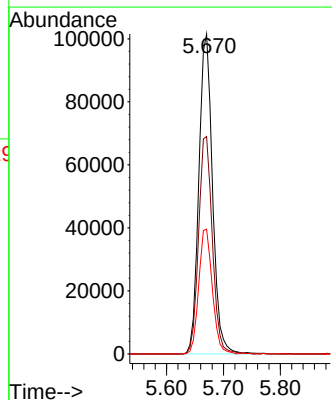
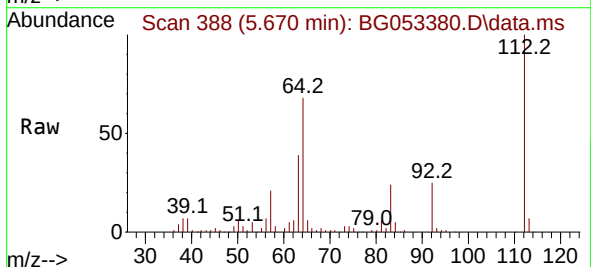
Instrument :
BNA_G
ClientSampleId :
MH-14S

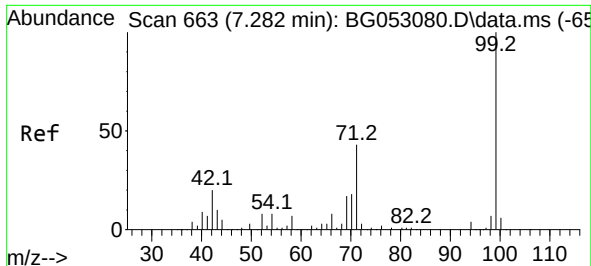
Tgt Ion:152 Resp: 20179
Ion Ratio Lower Upper
152 100
150 153.6 114.6 172.0
115 59.8 45.9 68.9



#5
2-Fluorophenol
Concen: 144.355 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion:112 Resp: 169932
Ion Ratio Lower Upper
112 100
64 67.9 48.0 72.0
63 39.0 26.5 39.7

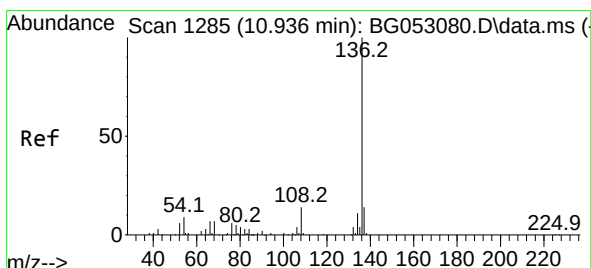
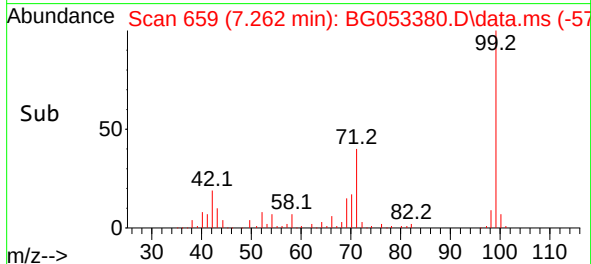
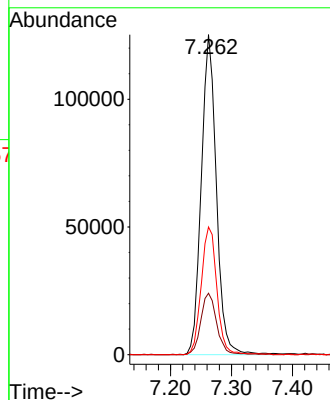
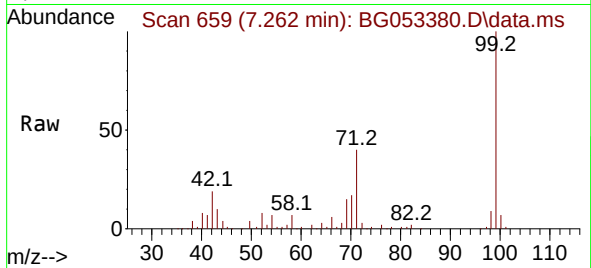




#7
Phenol-d6
Concen: 118.726 ng
RT: 7.262 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

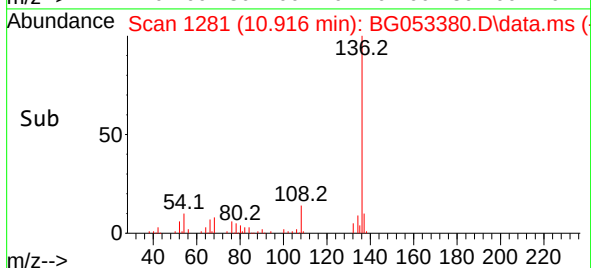
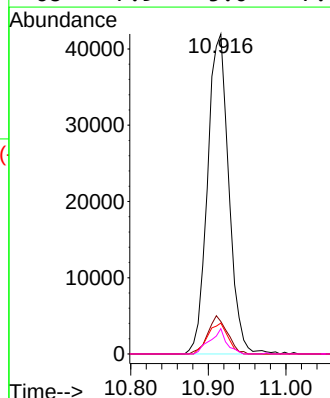
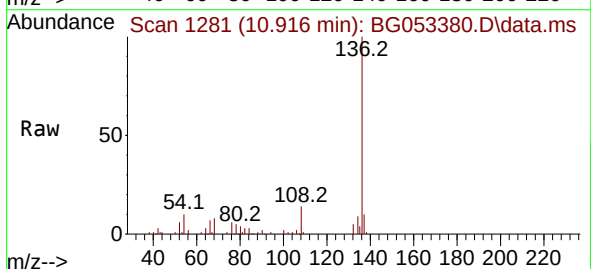
Instrument :
BNA_G
ClientSampleId :
MH-14S

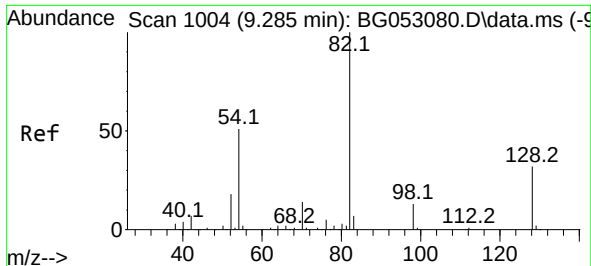
Tgt Ion: 99 Resp: 215527
Ion Ratio Lower Upper
99 100
42 19.2 14.7 22.1
71 39.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1281
Delta R.T. -0.005 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion: 136 Resp: 80021
Ion Ratio Lower Upper
136 100
137 10.2 9.4 14.2
54 9.7 6.4 9.6#
68 7.9 5.0 7.6#

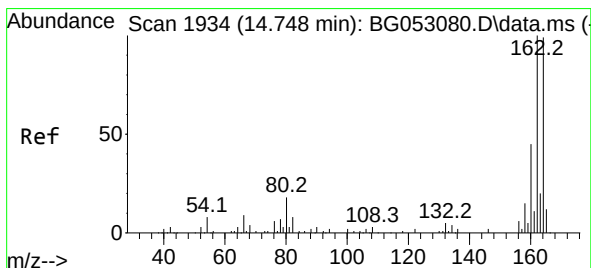
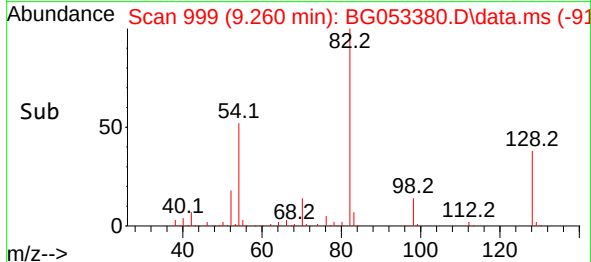
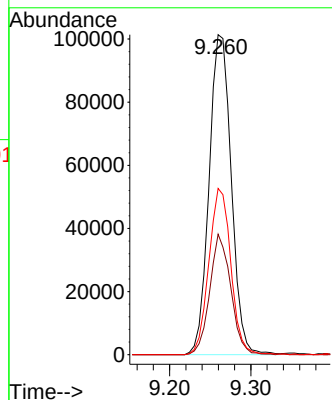
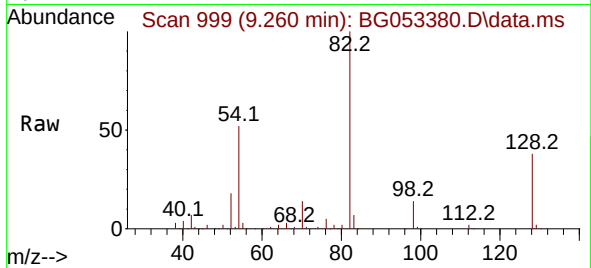




#23
Nitrobenzene-d5
Concen: 97.741 ng
RT: 9.260 min Scan# 91
Delta R.T. -0.017 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

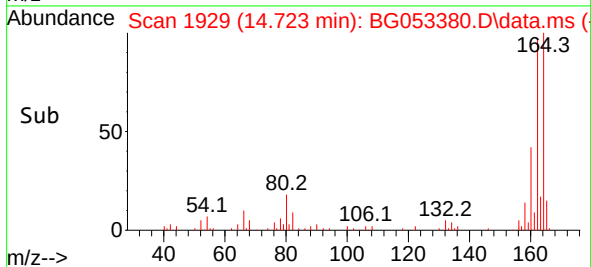
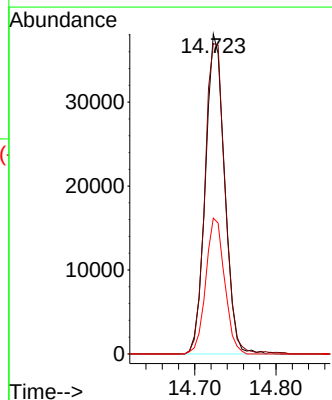
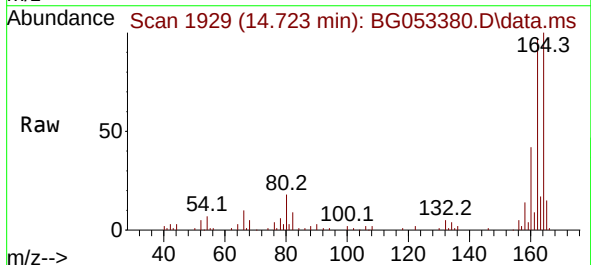
Instrument :
BNA_G
ClientSampleId :
MH-14S

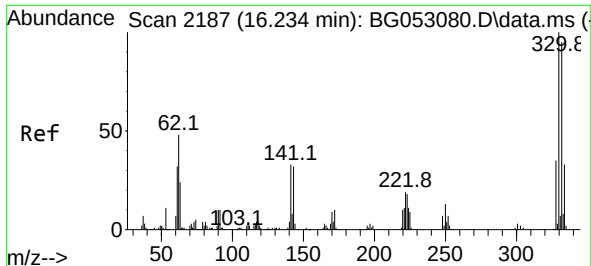
Tgt Ion: 82 Resp: 192628
Ion Ratio Lower Upper
82 100
128 37.7 31.3 46.9
54 51.9 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.723 min Scan# 1929
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion:164 Resp: 62726
Ion Ratio Lower Upper
164 100
162 97.0 80.0 120.0
160 42.5 38.8 58.2

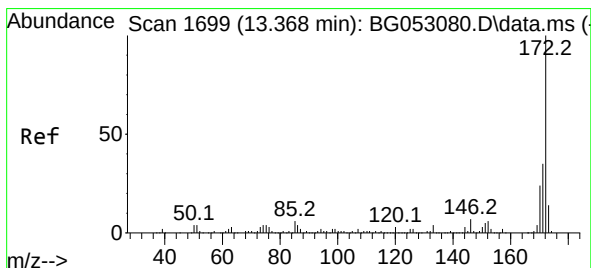
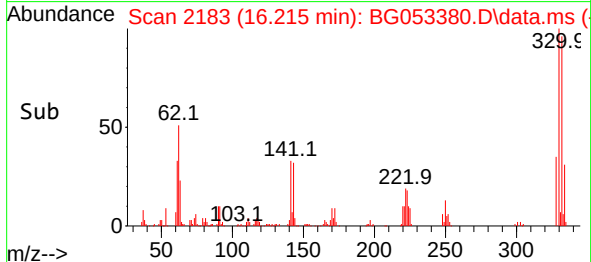
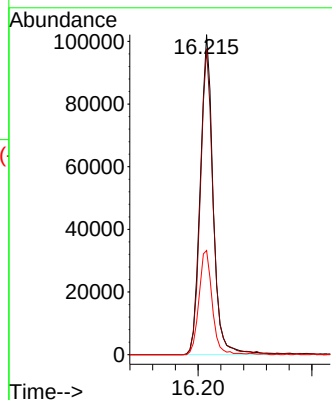
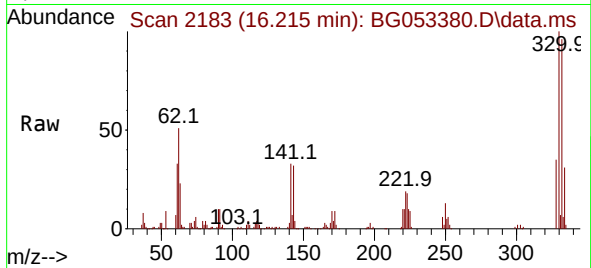




#42
2,4,6-Tribromophenol
Concen: 161.385 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

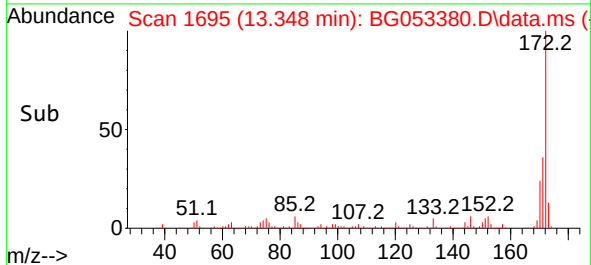
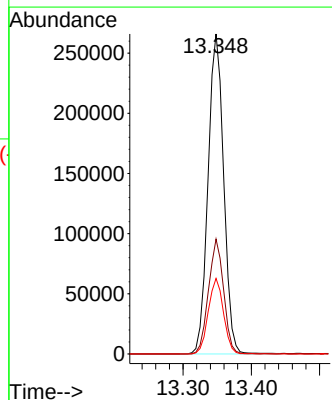
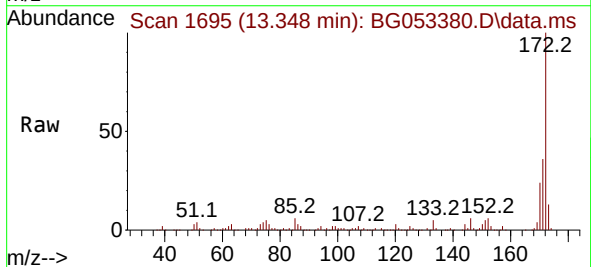
Instrument :
BNA_G
ClientSampleId :
MH-14S

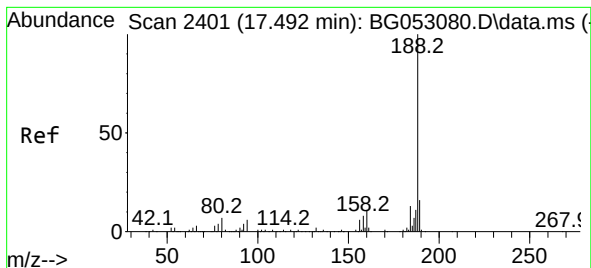
Tgt Ion:330 Resp: 161053
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 33.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 93.154 ng
RT: 13.348 min Scan# 1695
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion:172 Resp: 423757
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.6 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.472 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG053380.D

Acq: 29 Apr 2022 17:02

Instrument :

BNA_G

ClientSampleId :

MH-14S

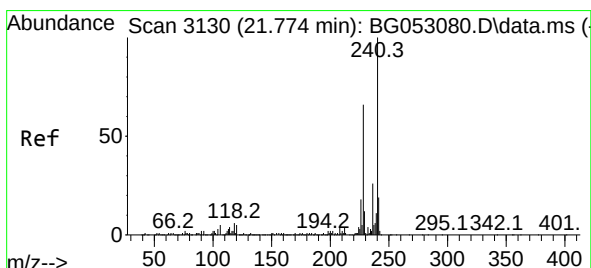
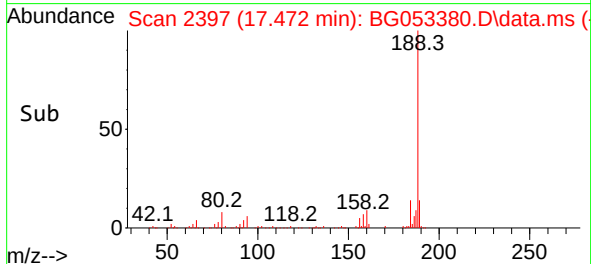
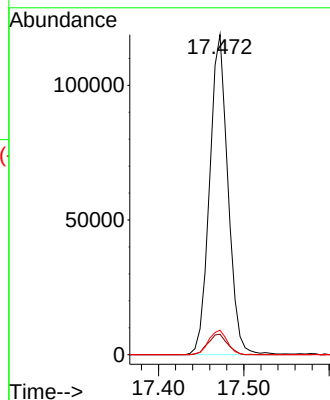
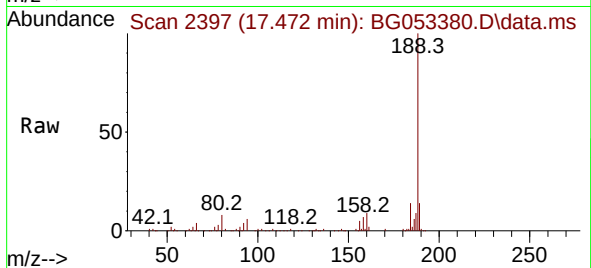
Tgt Ion:188 Resp: 177368

Ion Ratio Lower Upper

188 100

94 6.4 5.7 8.5

80 7.7 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.755 min Scan# 3126

Delta R.T. -0.011 min

Lab File: BG053380.D

Acq: 29 Apr 2022 17:02

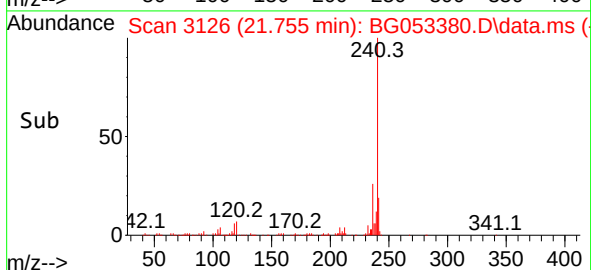
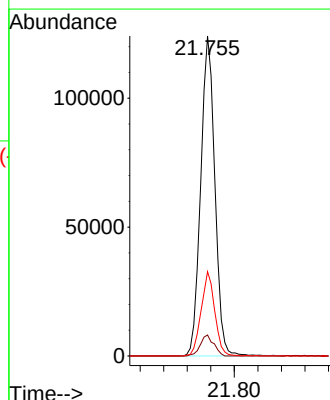
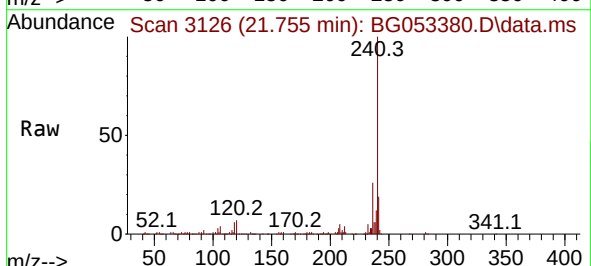
Tgt Ion:240 Resp: 207400

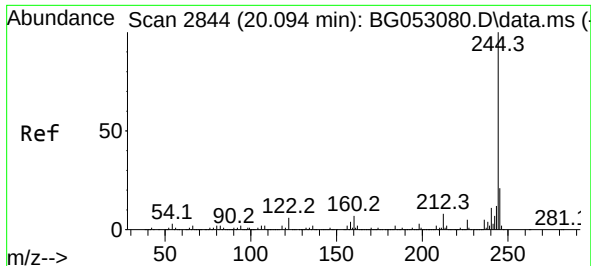
Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

236 26.3 19.8 29.6

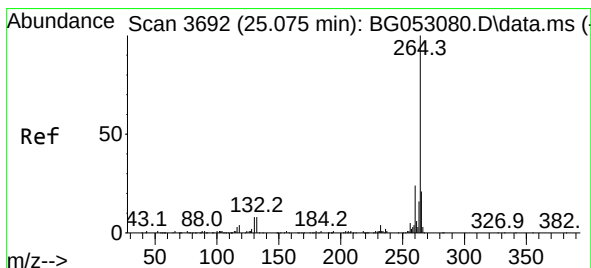
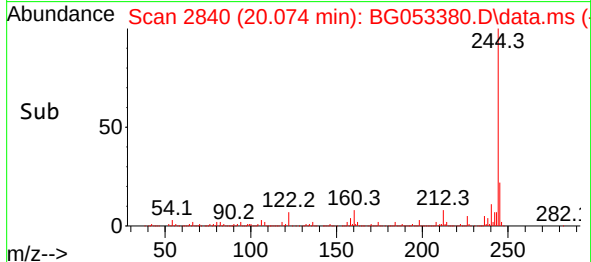
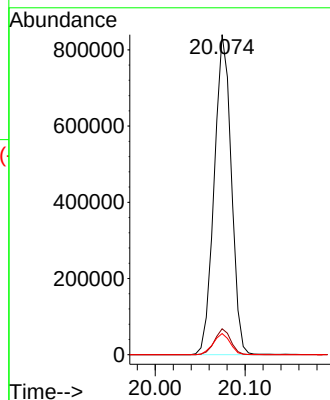
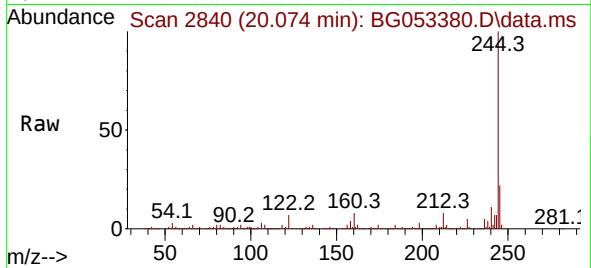




#79
 Terphenyl-d14
 Concen: 90.454 ng
 RT: 20.074 min Scan# 211
 Delta R.T. -0.011 min
 Lab File: BG053380.D
 Acq: 29 Apr 2022 17:02

Instrument :
 BNA_G
 ClientSampleId :
 MH-14S

Tgt Ion:244 Resp: 1110785
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 6.6 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.050 min Scan# 3687
 Delta R.T. -0.011 min
 Lab File: BG053380.D
 Acq: 29 Apr 2022 17:02

Tgt Ion:264 Resp: 204786
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 22.0 15.1 22.7

