

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053336.D
 Acq On : 27 Apr 2022 1:21
 Operator : CG/JU
 Sample : N2559-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-10D

Quant Time: Apr 27 03:39:23 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	8.106	152	17877	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	71343	20.000	ng	# 0.00
39) Acenaphthene-d10	14.732	164	56292	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	165433	20.000	ng	-0.01
76) Chrysene-d12	21.752	240	214380	20.000	ng	-0.01
86) Perylene-d12	25.053	264	213630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	161183	154.555	ng	0.00
7) Phenol-d6	7.266	99	211434	131.469	ng	0.00
23) Nitrobenzene-d5	9.269	82	177361	100.941	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	144826	161.711	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	378138	92.627	ng	0.00
79) Terphenyl-d14	20.078	244	1160069	91.391	ng	0.00

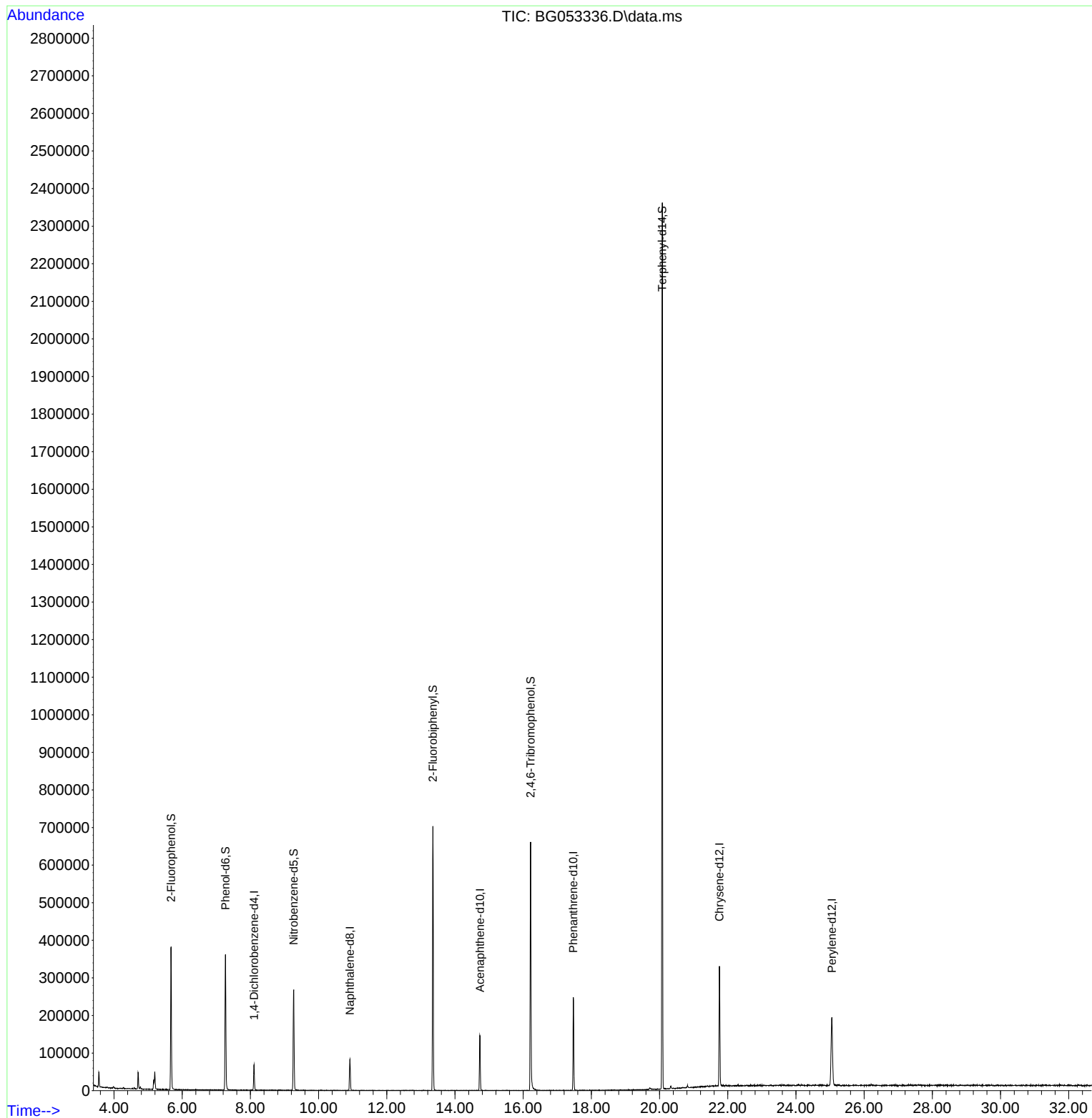
Target Compounds	Qvalue

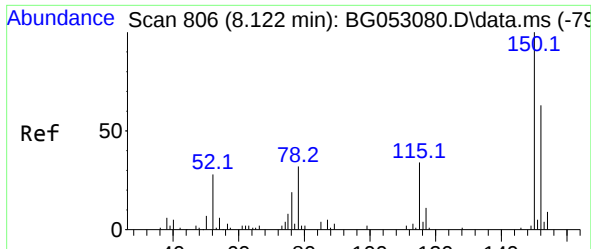
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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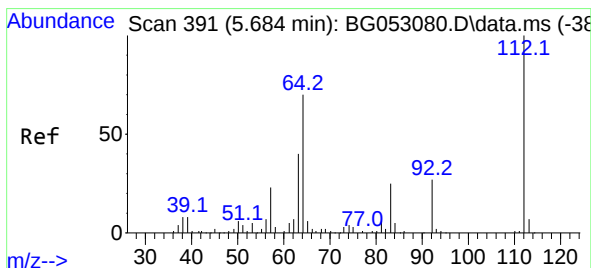
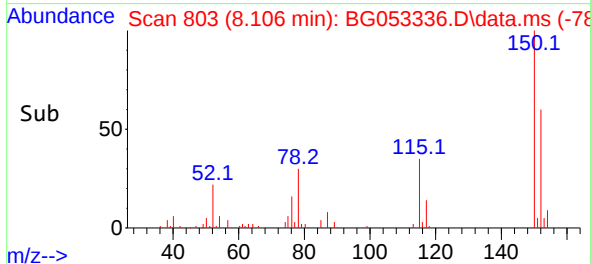
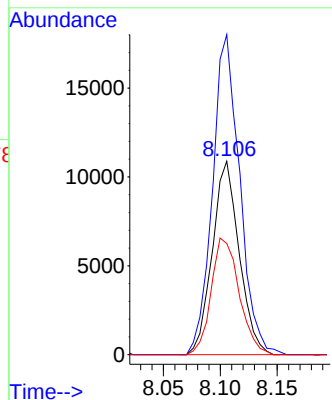
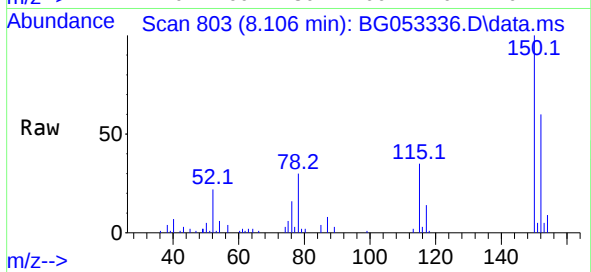




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

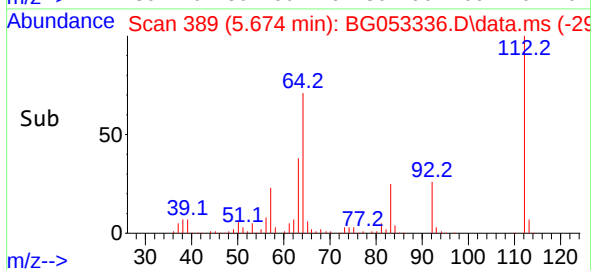
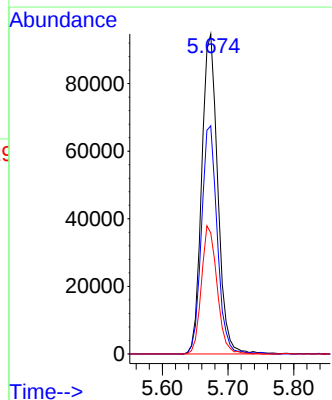
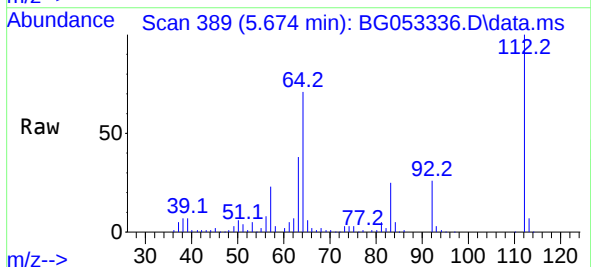
Instrument :
BNA_G
ClientSampleId :
MH-10D

Tgt Ion:152 Resp: 17877
Ion Ratio Lower Upper
152 100
150 165.4 114.6 172.0
115 57.5 45.9 68.9



#5
2-Fluorophenol
Concen: 154.555 ng
RT: 5.674 min Scan# 389
Delta R.T. -0.002 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

Tgt Ion:112 Resp: 161183
Ion Ratio Lower Upper
112 100
64 71.3 48.0 72.0
63 37.8 26.5 39.7

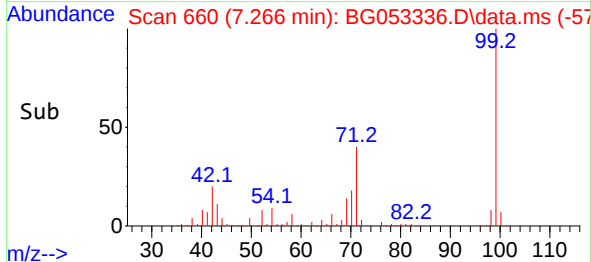
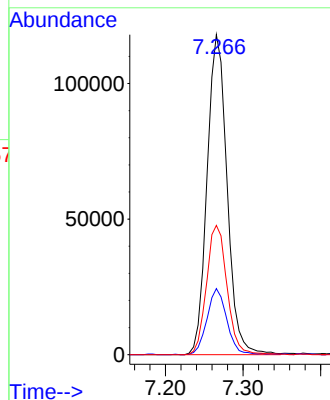
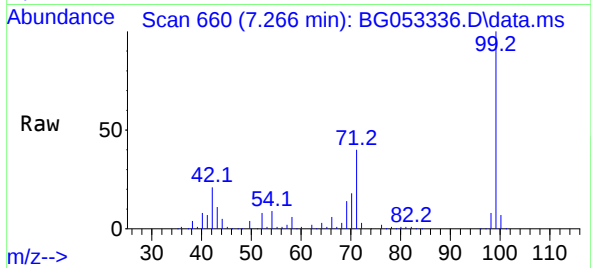




#7
Phenol-d6
Concen: 131.469 ng
RT: 7.266 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

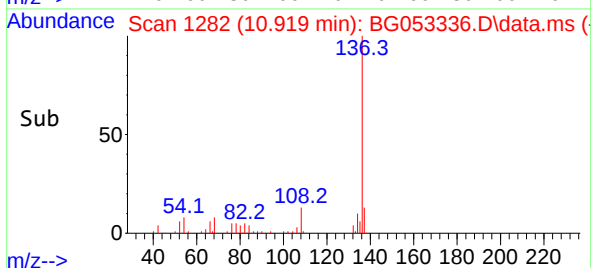
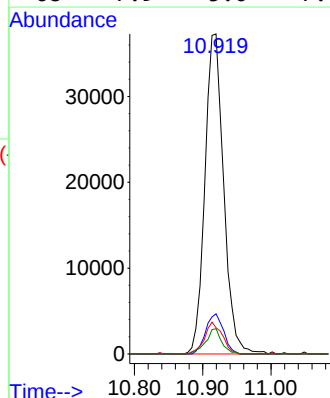
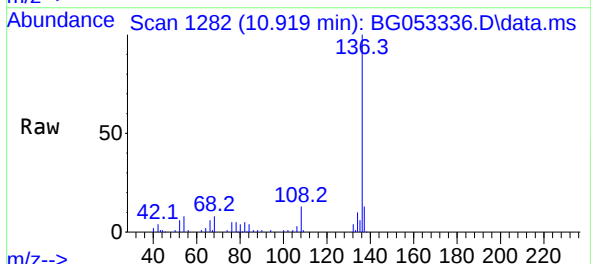
Instrument :
BNA_G
ClientSampleId :
MH-10D

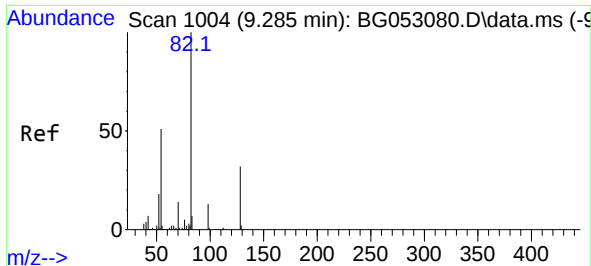
Tgt Ion: 99 Resp: 211434
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 40.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

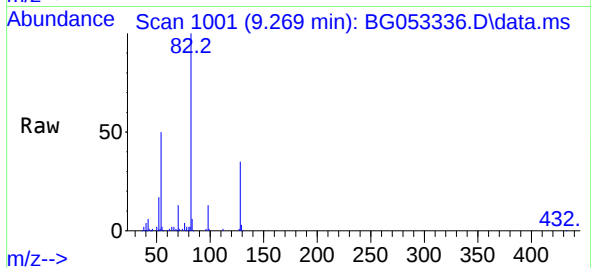
Tgt Ion: 136 Resp: 71343
Ion Ratio Lower Upper
136 100
137 12.5 9.4 14.2
54 8.2 6.4 9.6
68 7.9 5.0 7.6#



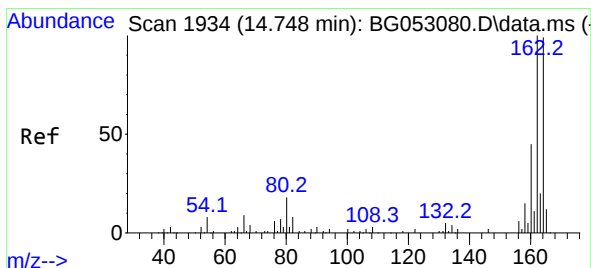
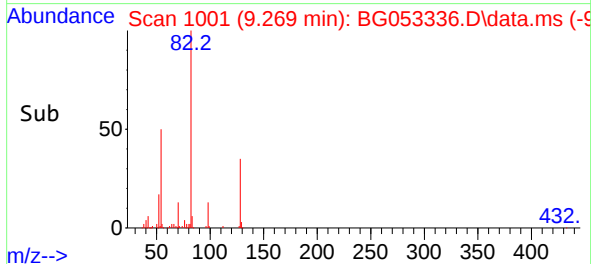
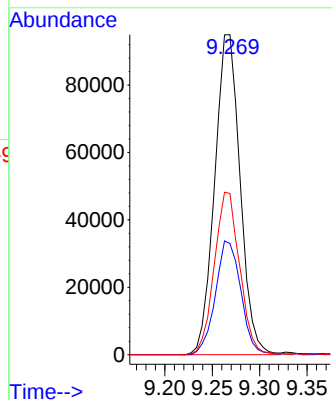


#23
Nitrobenzene-d5
Concen: 100.941 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

Instrument :
BNA_G
ClientSampleId :
MH-10D

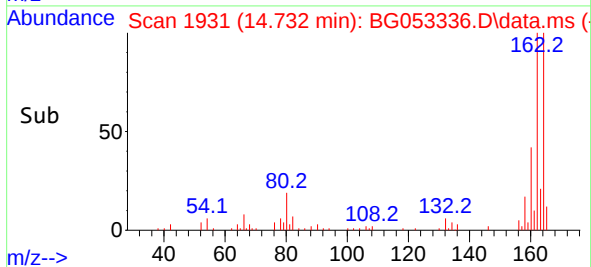
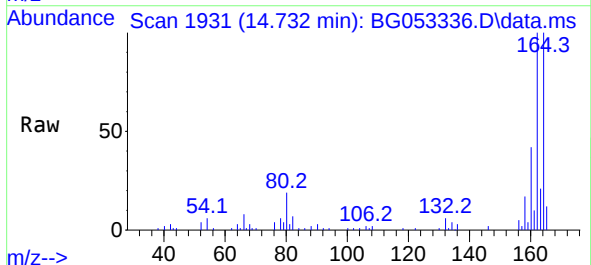
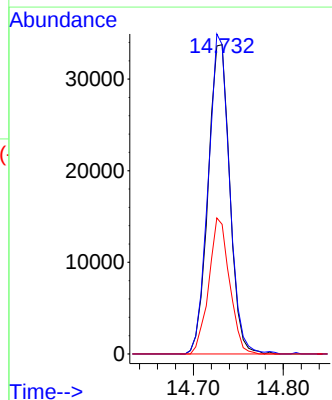


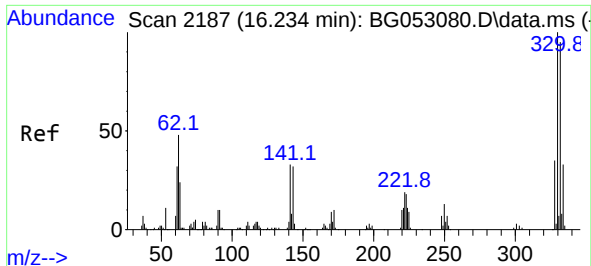
Tgt Ion: 82 Resp: 177361
Ion Ratio Lower Upper
82 100
128 34.7 31.3 46.9
54 50.4 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

Tgt Ion:164 Resp: 56292
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 41.9 38.8 58.2

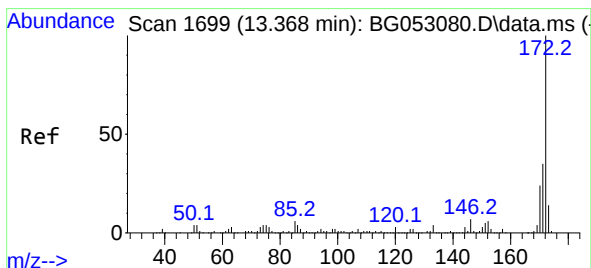
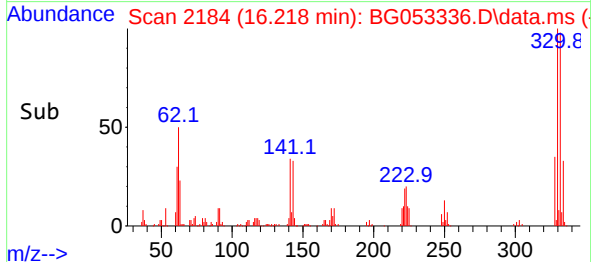
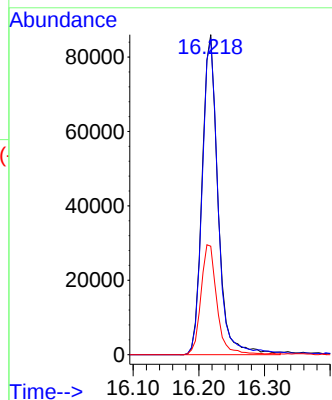
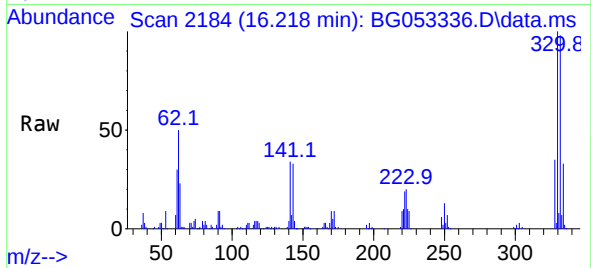




#42
2,4,6-Tribromophenol
Concen: 161.711 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

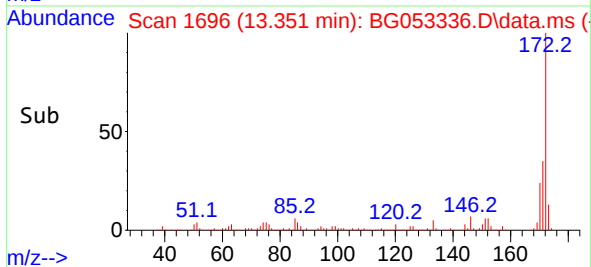
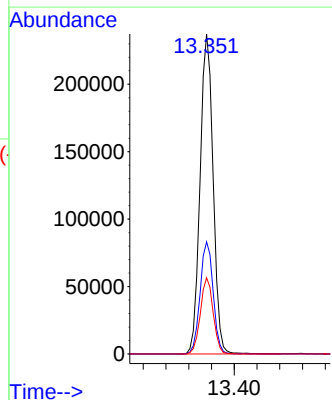
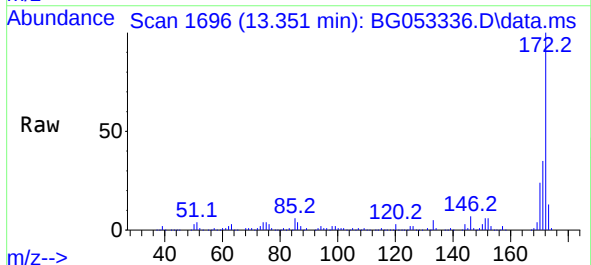
Instrument :
BNA_G
ClientSampleId :
MH-10D

Tgt Ion:330 Resp: 144826
Ion Ratio Lower Upper
330 100
332 99.1 75.8 113.6
141 34.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 92.627 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.008 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

Tgt Ion:172 Resp: 378138
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.8 18.0 27.0

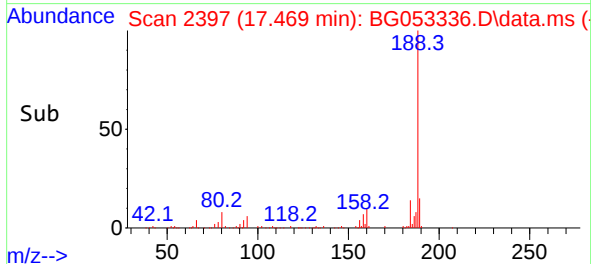
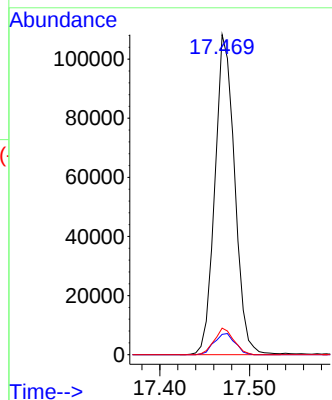
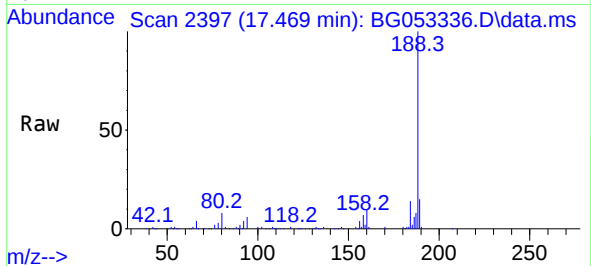




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

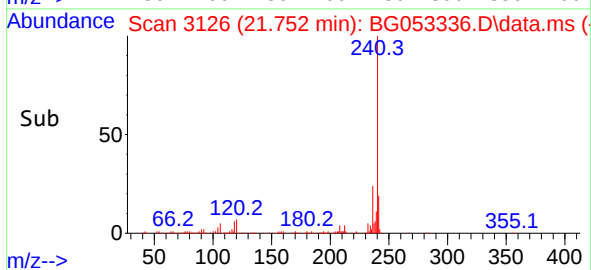
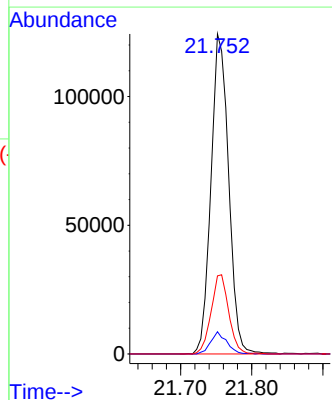
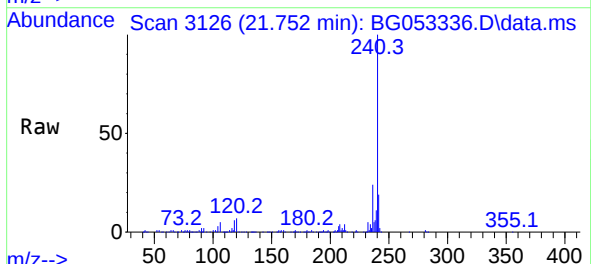
Instrument :
BNA_G
ClientSampleId :
MH-10D

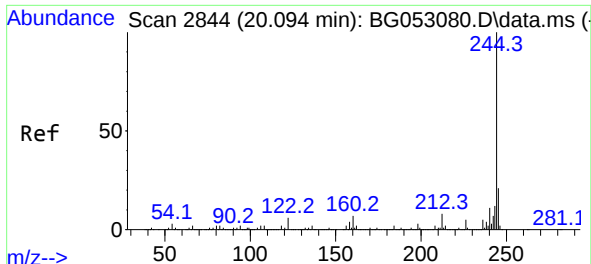
Tgt Ion:188 Resp: 165433
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BG053336.D
Acq: 27 Apr 2022 1:21

Tgt Ion:240 Resp: 214380
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 24.4 19.8 29.6



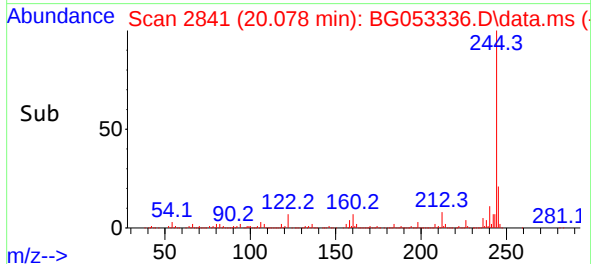
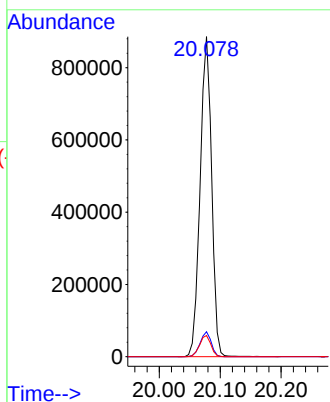
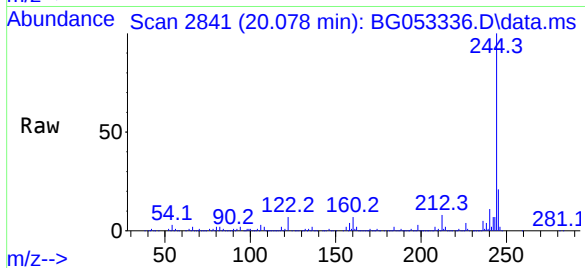


#79
 Terphenyl-d14
 Concen: 91.391 ng
 RT: 20.078 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053336.D
 Acq: 27 Apr 2022 1:21

Instrument :
 BNA_G
 ClientSampleId :
 MH-10D

Tgt Ion:244 Resp: 1160069

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	6.6	5.8	8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.053 min Scan# 3688
 Delta R.T. -0.008 min
 Lab File: BG053336.D
 Acq: 27 Apr 2022 1:21

Tgt Ion:264 Resp: 213630

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.4	15.1	22.7

