

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053481.D
 Acq On : 6 May 2022 19:30
 Operator : CG/JU
 Sample : N2703-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-29S

Quant Time: May 06 22:53:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	18930	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	80102	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	63707	20.000	ng	0.00
64) Phenanthrene-d10	17.461	188	173930	20.000	ng	0.00
76) Chrysene-d12	21.737	240	193267	20.000	ng	0.00
86) Perylene-d12	25.021	264	189742	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	166545	149.313	ng	0.00
7) Phenol-d6	7.251	99	230498	136.163	ng	0.00
23) Nitrobenzene-d5	9.248	82	186010	98.851	ng	-0.01
42) 2,4,6-Tribromophenol	16.204	330	138702	147.617	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	418712	96.042	ng	0.00
79) Terphenyl-d14	20.063	244	995226	95.908	ng	0.00

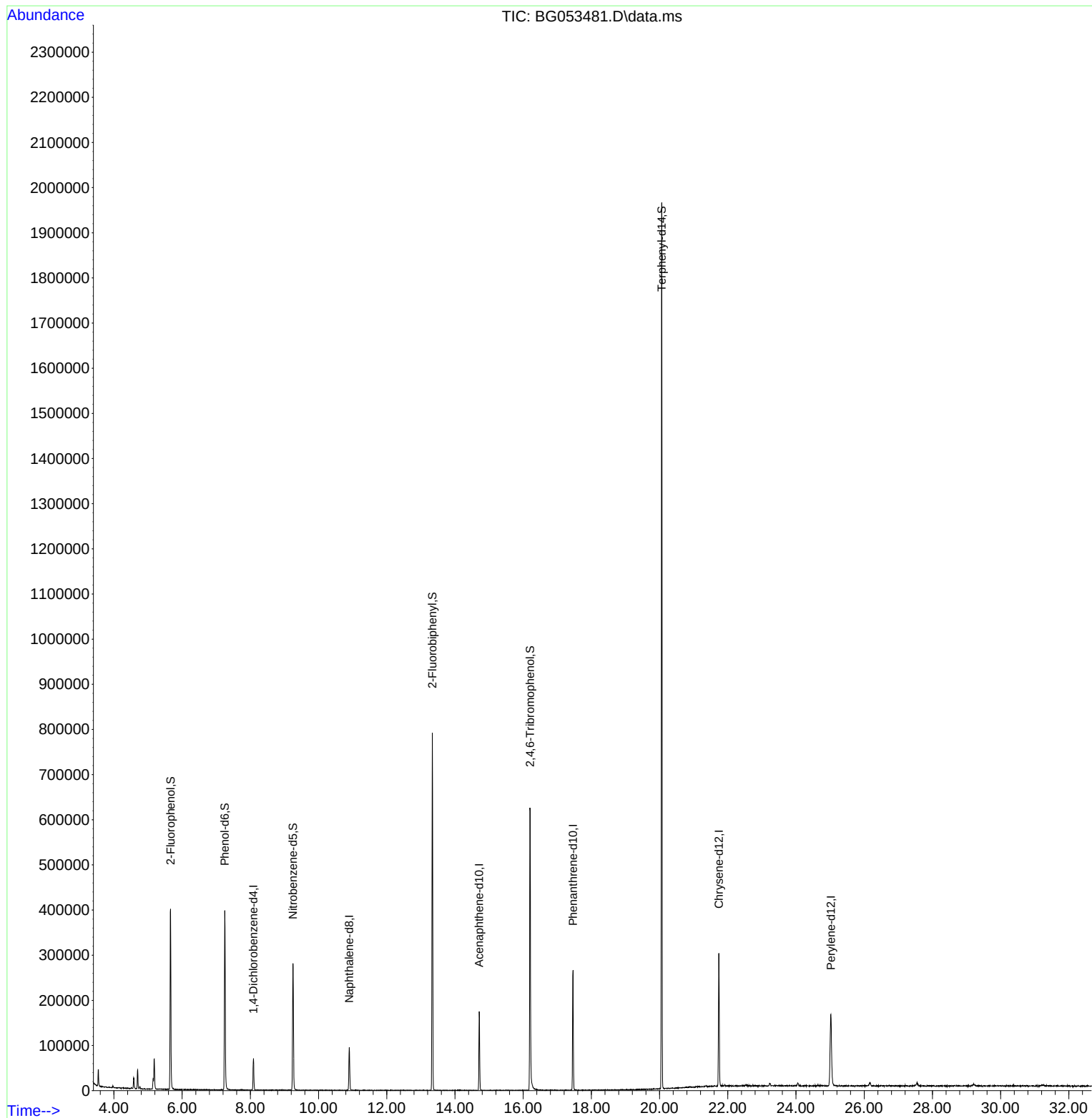
Target Compounds	Qvalue

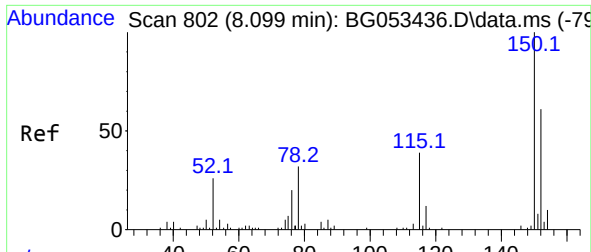
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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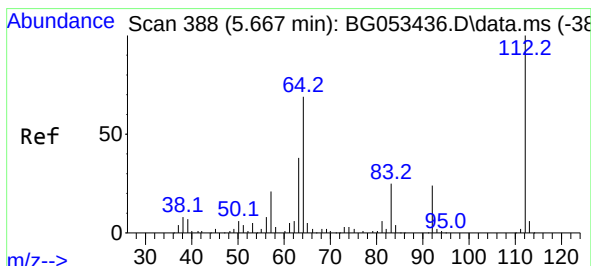
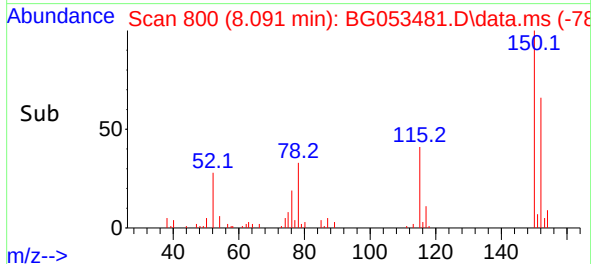
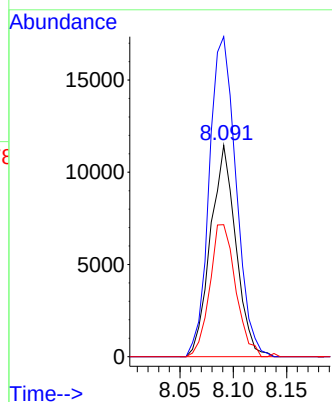
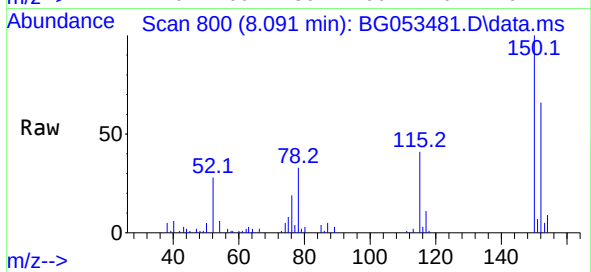




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

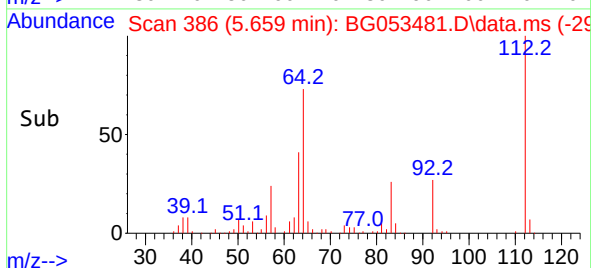
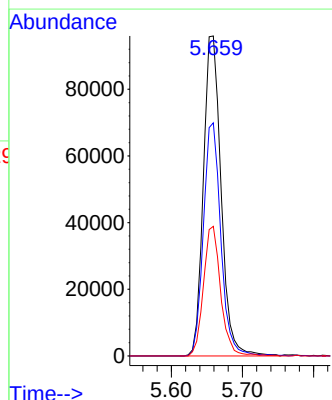
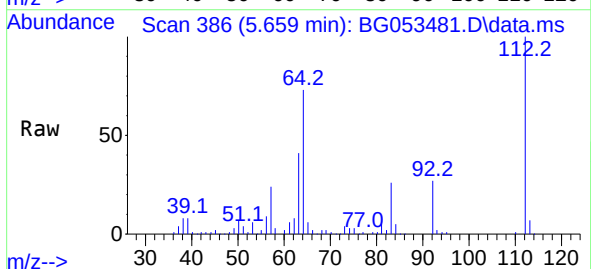
Instrument :
BNA_G
ClientSampleId :
MH-29S

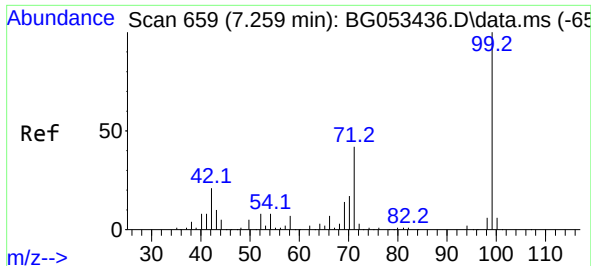
Tgt Ion:152 Resp: 18930
Ion Ratio Lower Upper
152 100
150 151.4 131.6 197.4
115 62.4 50.9 76.3



#5
2-Fluorophenol
Concen: 149.313 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion:112 Resp: 166545
Ion Ratio Lower Upper
112 100
64 72.9 55.1 82.7
63 40.5 30.4 45.6

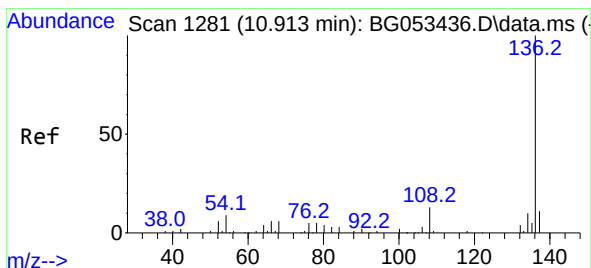
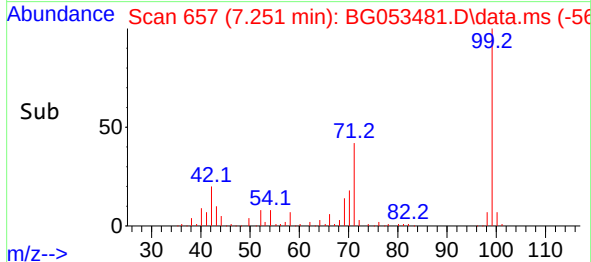
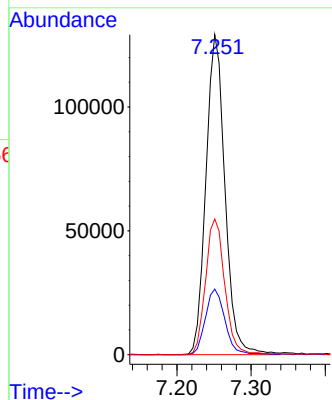
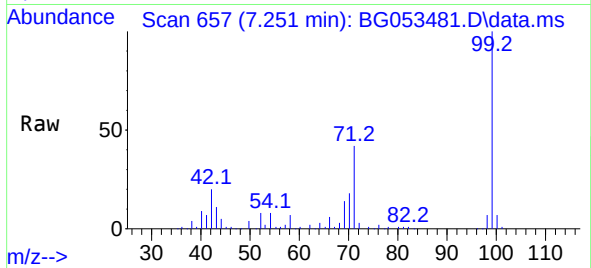




#7
Phenol-d6
Concen: 136.163 ng
RT: 7.251 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

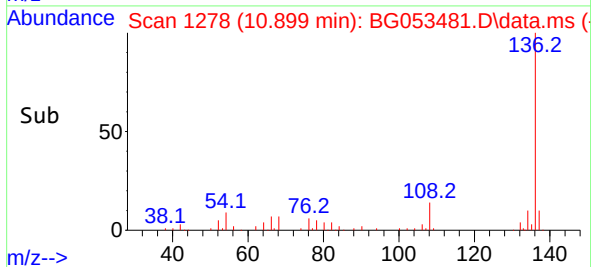
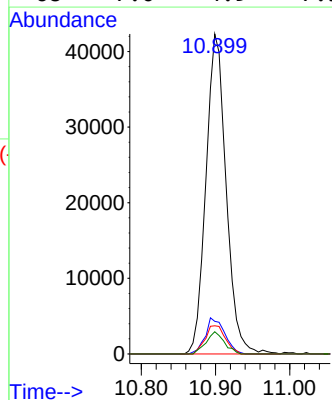
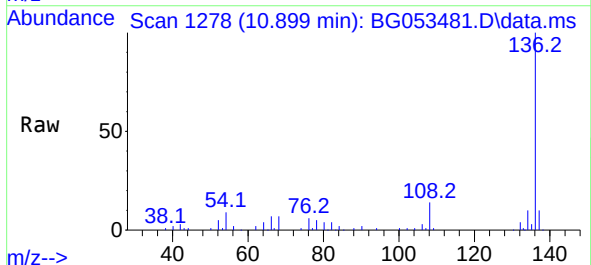
Instrument :
BNA_G
ClientSampleId :
MH-29S

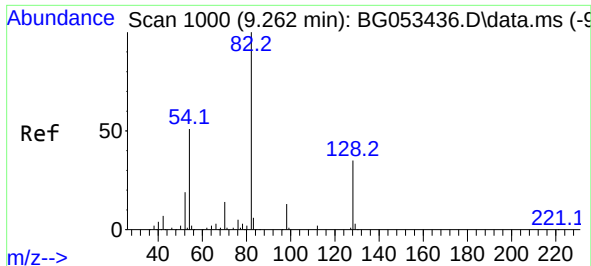
Tgt Ion: 99 Resp: 230498
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 42.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 1278
Delta R.T. -0.014 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion: 136 Resp: 80102
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 8.8 7.4 11.2
68 7.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 98.851 ng

RT: 9.248 min Scan# 91

Delta R.T. -0.014 min

Lab File: BG053481.D

Acq: 6 May 2022 19:30

Instrument :

BNA_G

ClientSampleId :

MH-29S

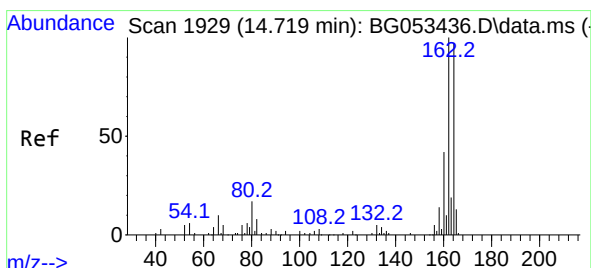
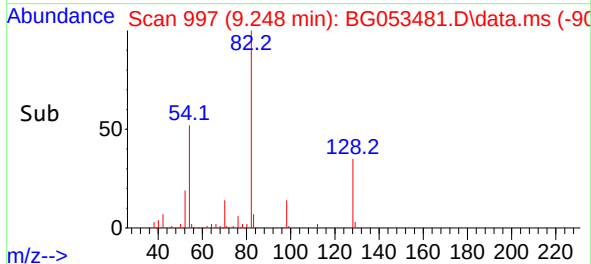
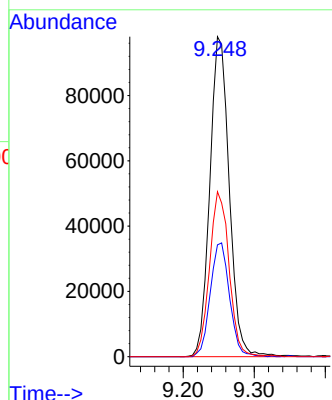
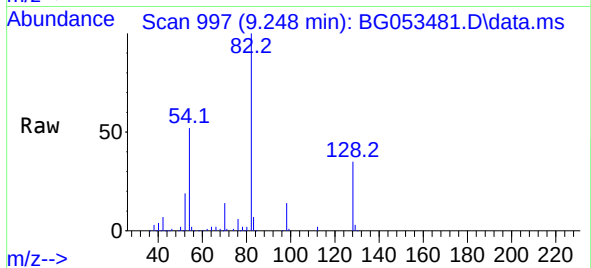
Tgt Ion: 82 Resp: 186010

Ion Ratio Lower Upper

82 100

128 34.9 27.9 41.9

54 51.6 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.711 min Scan# 1927

Delta R.T. -0.008 min

Lab File: BG053481.D

Acq: 6 May 2022 19:30

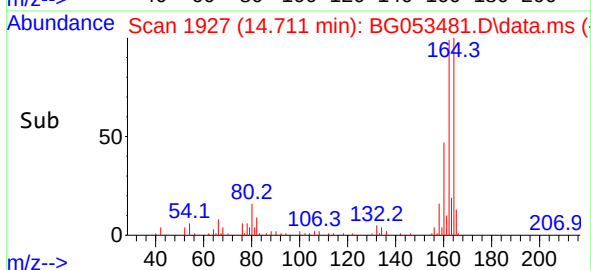
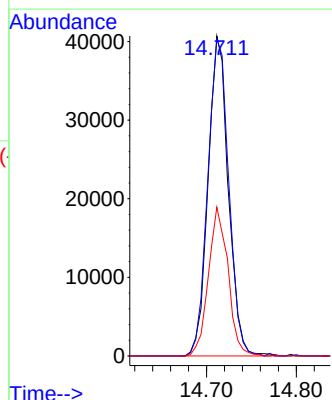
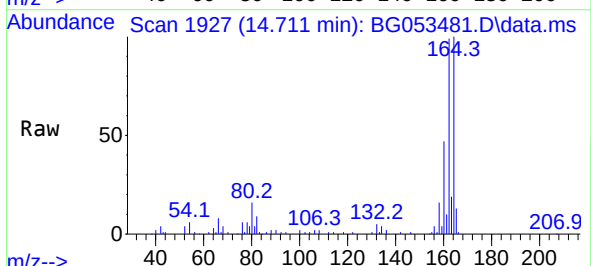
Tgt Ion: 164 Resp: 63707

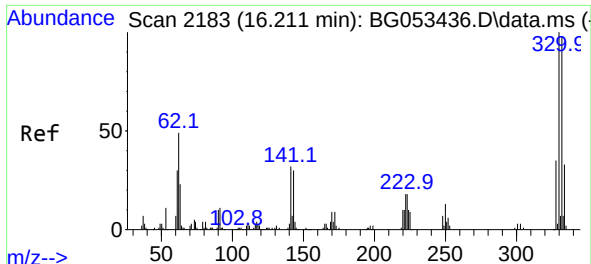
Ion Ratio Lower Upper

164 100

162 99.1 82.3 123.5

160 46.5 34.2 51.2

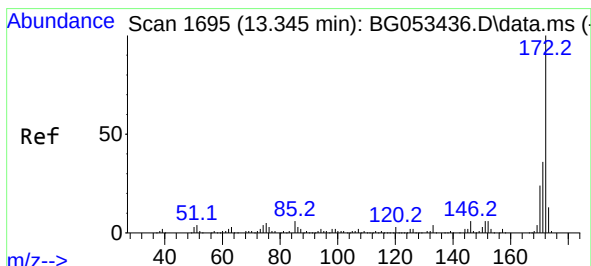
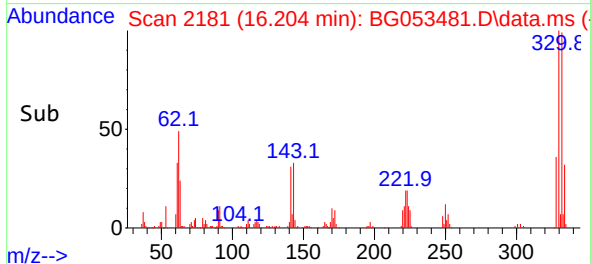
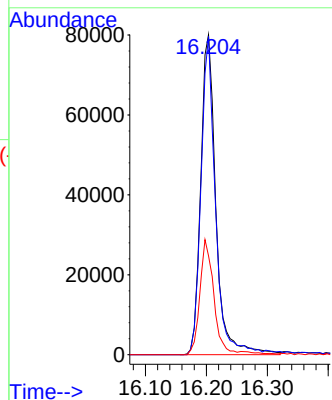
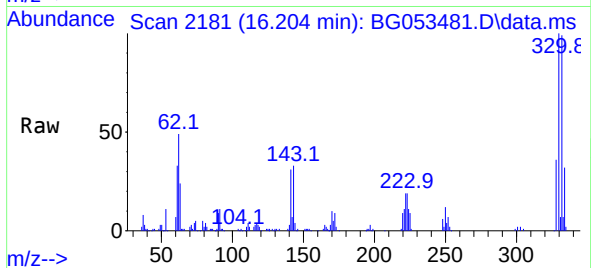




#42
2,4,6-Tribromophenol
Concen: 147.617 ng
RT: 16.204 min Scan# 2183
Delta R.T. -0.007 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

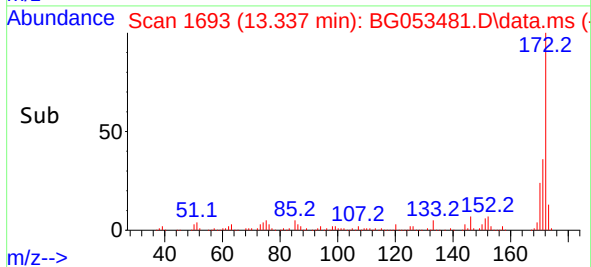
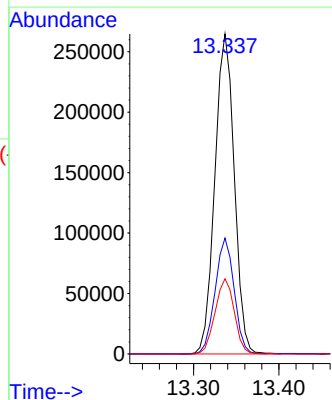
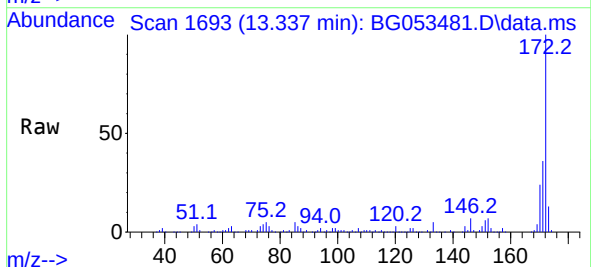
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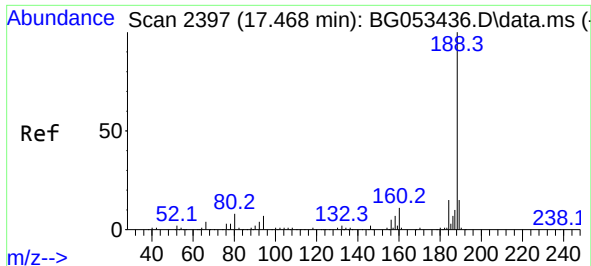
Tgt Ion:330 Resp: 138702
Ion Ratio Lower Upper
330 100
332 94.1 76.0 114.0
141 32.7 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 96.042 ng
RT: 13.337 min Scan# 1693
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion:172 Resp: 418712
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.5 18.9 28.3

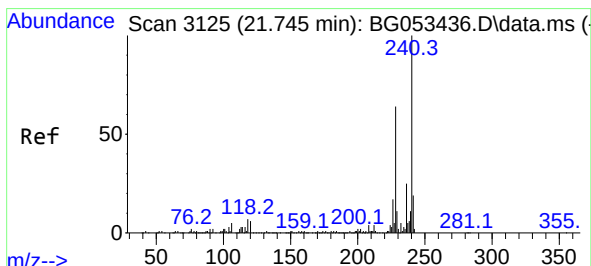
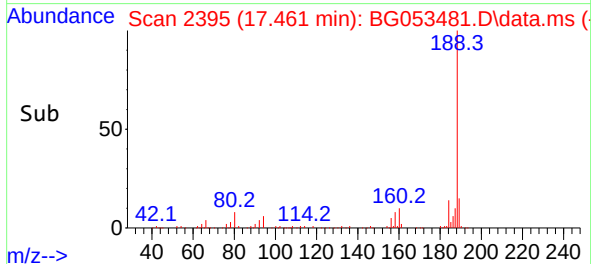
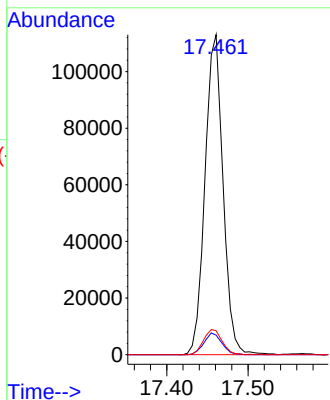
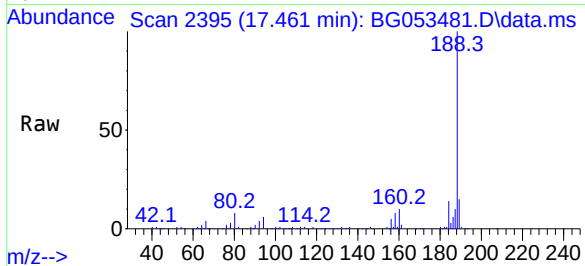




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.461 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

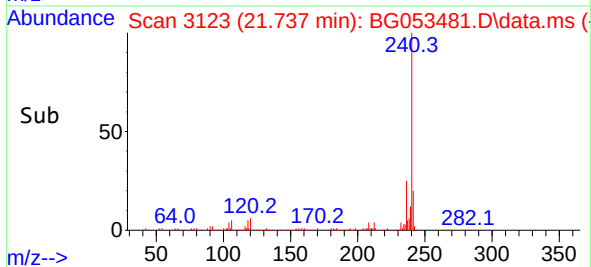
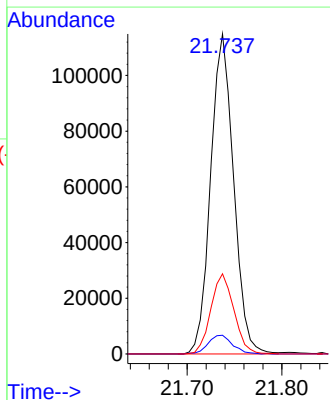
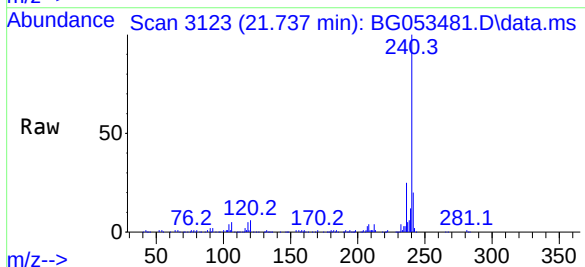
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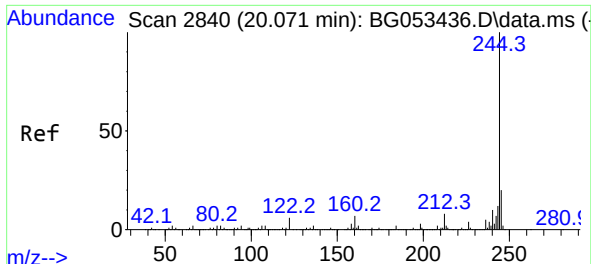
Tgt Ion:188 Resp: 173930
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 7.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053481.D
Acq: 6 May 2022 19:30

Tgt Ion:240 Resp: 193267
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.0 20.2 30.4

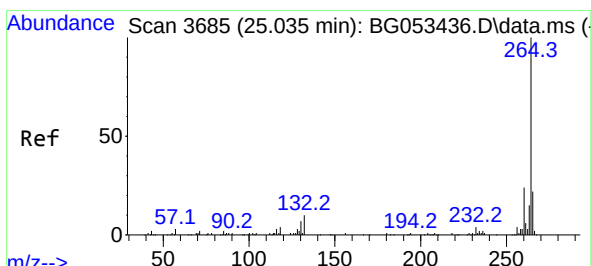
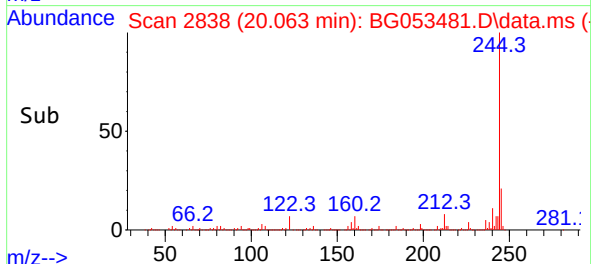
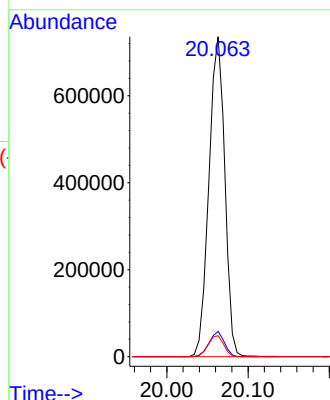
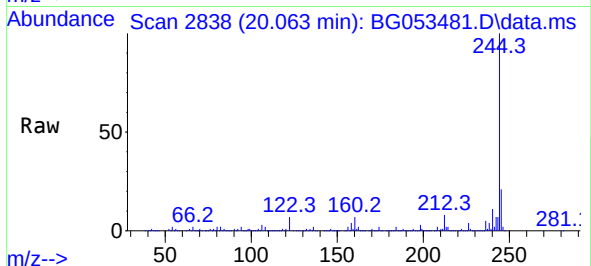




#79
 Terphenyl-d14
 Concen: 95.908 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053481.D
 Acq: 6 May 2022 19:30

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 995226
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 6.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.021 min Scan# 3682
 Delta R.T. -0.014 min
 Lab File: BG053481.D
 Acq: 6 May 2022 19:30

Tgt Ion:264 Resp: 189742
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 19.8 17.4 26.2

