

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053014.D
 Acq On : 4 Apr 2022 19:04
 Operator : CG/JU
 Sample : N2220-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A09015

Quant Time: Apr 05 01:07:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	35620	20.000	ng	-0.02
21) Naphthalene-d8	10.936	136	135699	20.000	ng	#-0.02
39) Acenaphthene-d10	14.748	164	97789	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	222574	20.000	ng	-0.02
76) Chrysene-d12	21.774	240	242432	20.000	ng	-0.02
86) Perylene-d12	25.070	264	247548	20.000	ng	#-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	202336	98.925	ng	0.00
7) Phenol-d6	7.276	99	292436	94.837	ng	-0.01
23) Nitrobenzene-d5	9.285	82	211681	78.293	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	141277	107.515	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	454335	68.523	ng	-0.02
79) Terphenyl-d14	20.094	244	846532	62.114	ng	-0.02

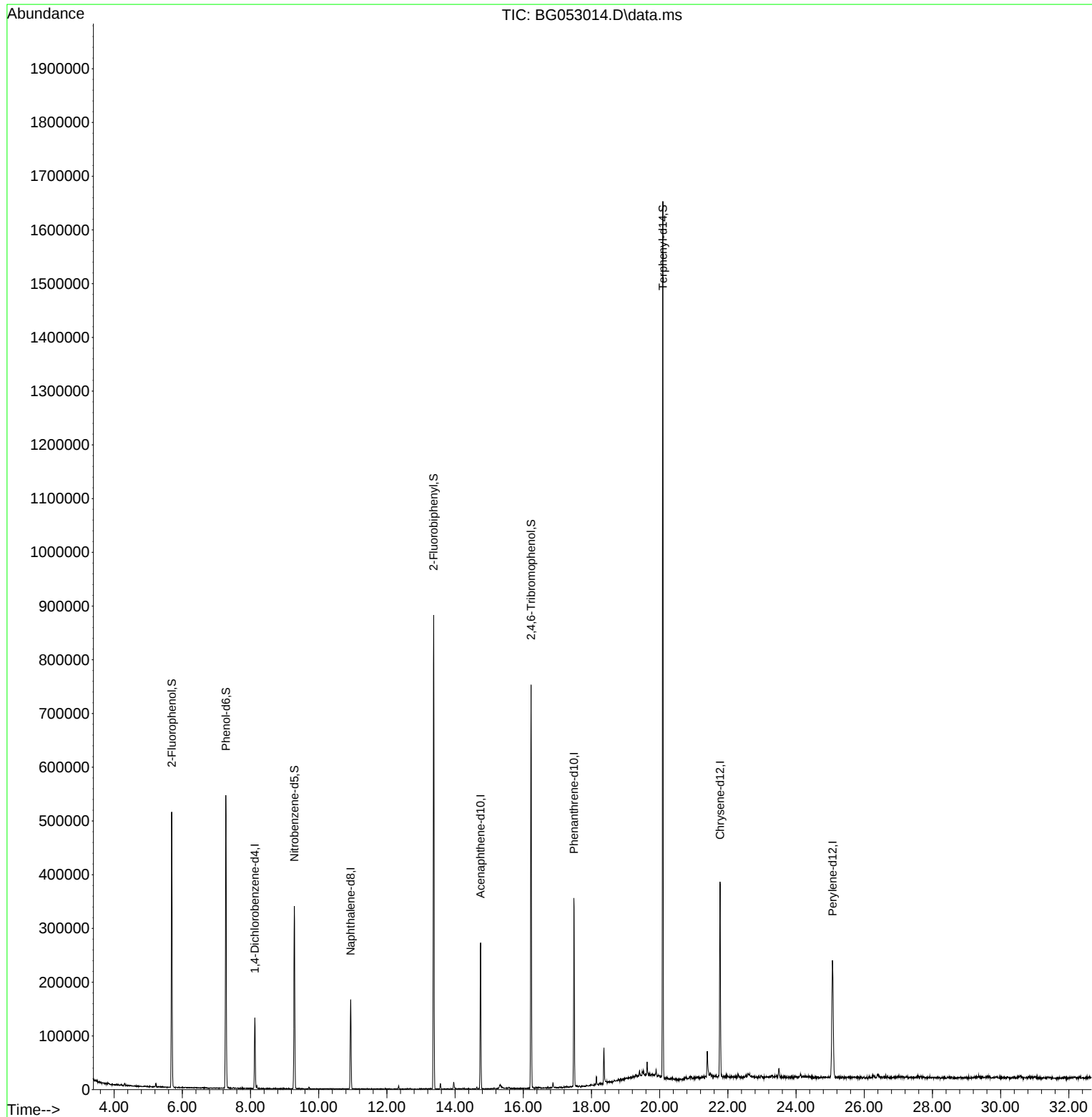
Target Compounds	Qvalue

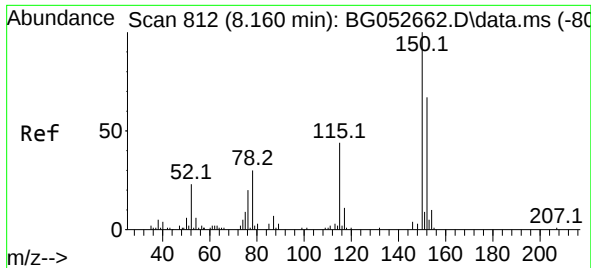
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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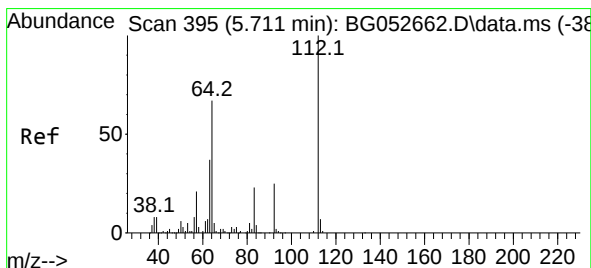
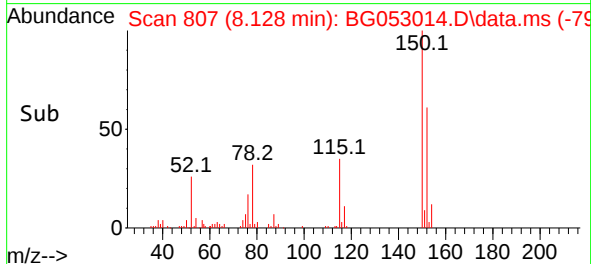
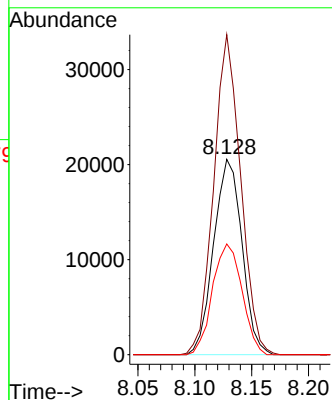
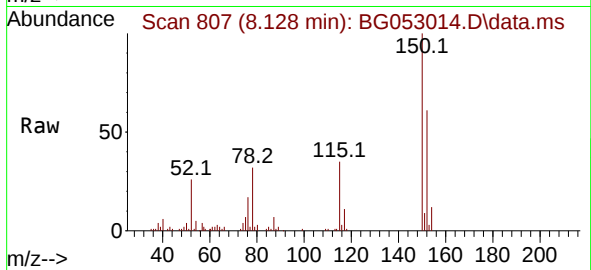




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053014.D
Acq: 4 Apr 2022 19:04

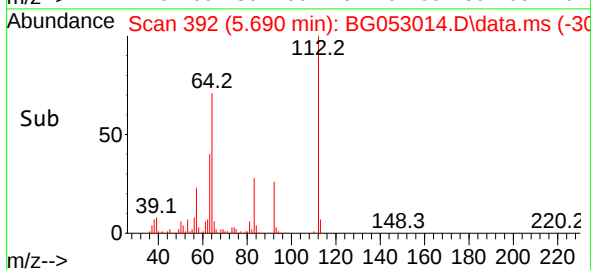
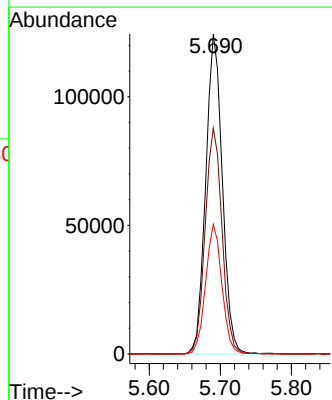
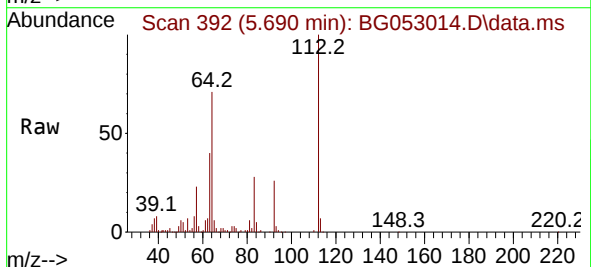
Instrument :
BNA_G
ClientSampleId :
A09015

Tgt Ion:152 Resp: 35620
Ion Ratio Lower Upper
152 100
150 163.8 114.6 172.0
115 56.7 45.9 68.9



#5
2-Fluorophenol
Concen: 98.925 ng
RT: 5.690 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053014.D
Acq: 4 Apr 2022 19:04

Tgt Ion:112 Resp: 202336
Ion Ratio Lower Upper
112 100
64 70.6 48.0 72.0
63 40.5 26.5 39.7#

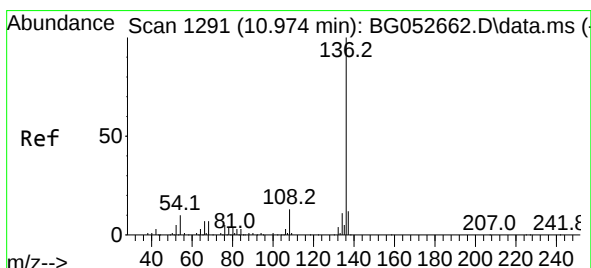
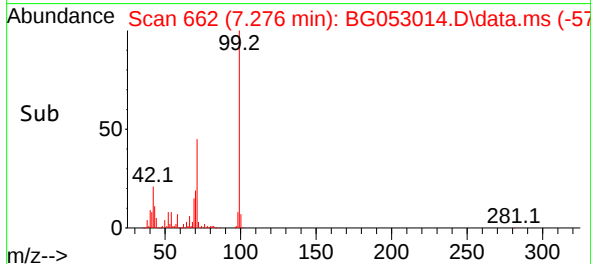
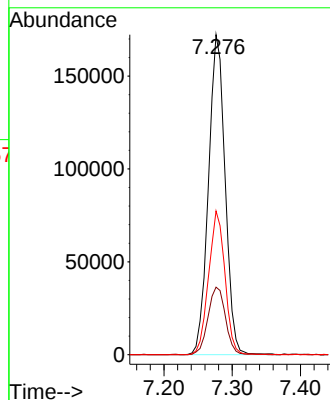
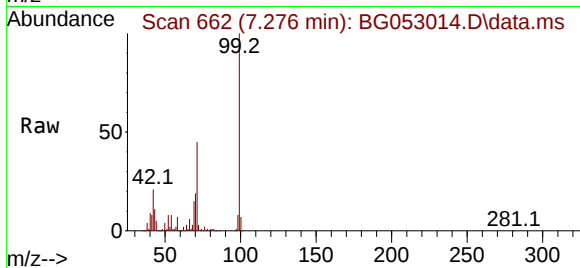




#7
Phenol-d6
Concen: 94.837 ng
RT: 7.276 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG053014.D
Acq: 4 Apr 2022 19:04

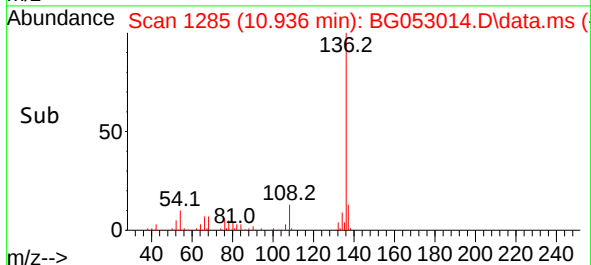
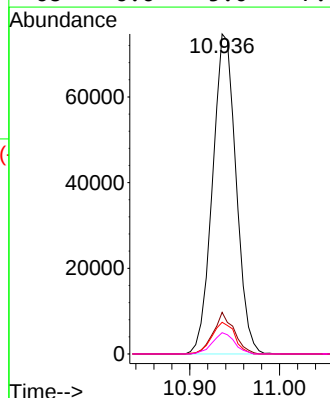
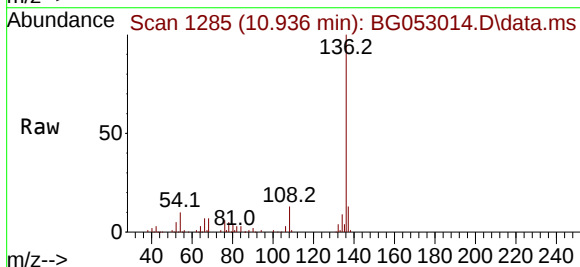
Instrument :
BNA_G
ClientSampleId :
A09015

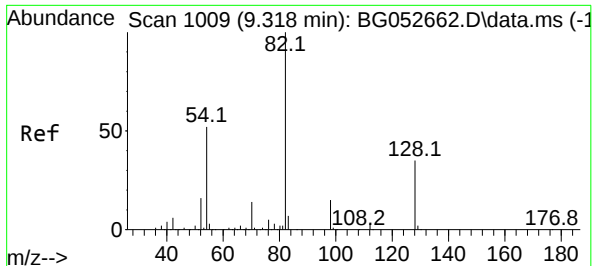
Tgt Ion: 99 Resp: 292436
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 44.9 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1285
Delta R.T. -0.024 min
Lab File: BG053014.D
Acq: 4 Apr 2022 19:04

Tgt Ion: 136 Resp: 135699
Ion Ratio Lower Upper
136 100
137 13.0 9.4 14.2
54 9.9 6.4 9.6#
68 6.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 78.293 ng

RT: 9.285 min Scan# 1004

Delta R.T. -0.018 min

Lab File: BG053014.D

Acq: 4 Apr 2022 19:04

Instrument :

BNA_G

ClientSampleId :

A09015

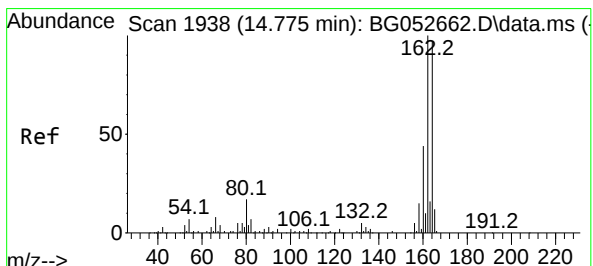
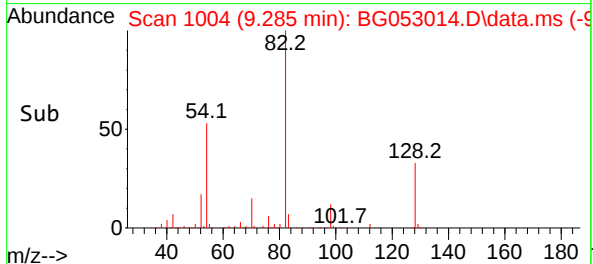
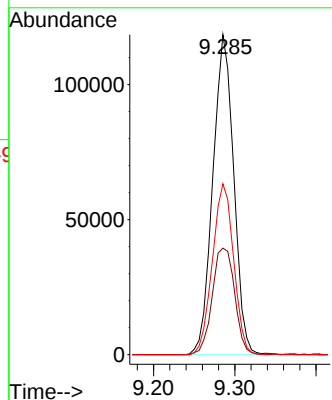
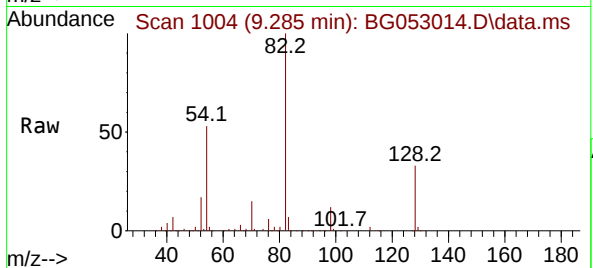
Tgt Ion: 82 Resp: 211681

Ion Ratio Lower Upper

82 100

128 33.3 31.3 46.9

54 53.4 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.748 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG053014.D

Acq: 4 Apr 2022 19:04

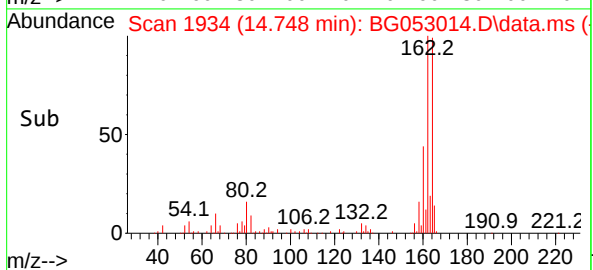
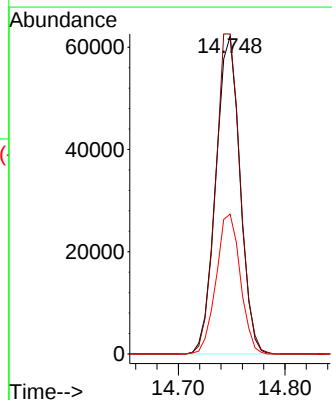
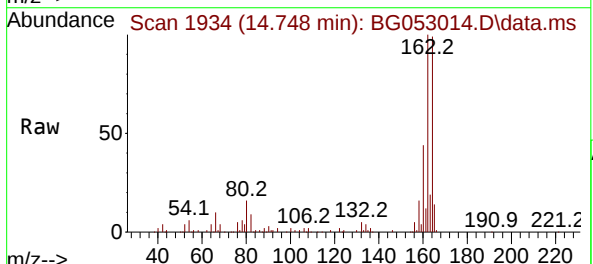
Tgt Ion: 164 Resp: 97789

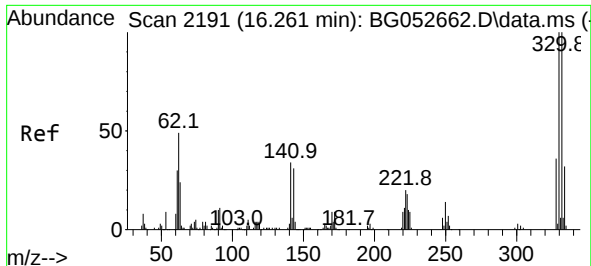
Ion Ratio Lower Upper

164 100

162 100.7 80.0 120.0

160 44.0 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 107.515 ng

RT: 16.229 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG053014.D

Acq: 4 Apr 2022 19:04

Instrument :

BNA_G

ClientSampleId :

A09015

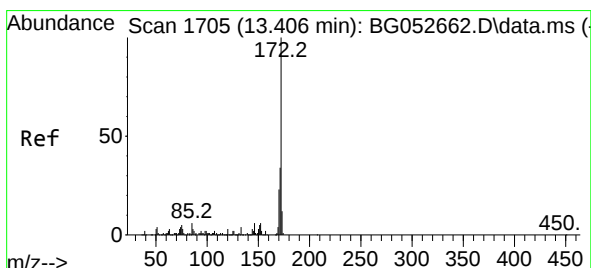
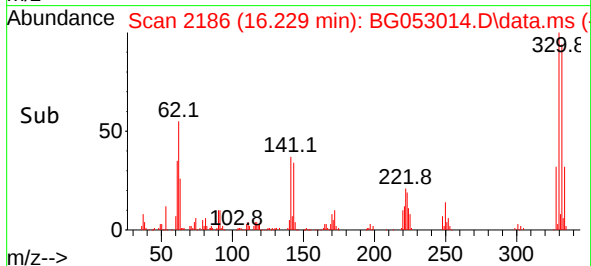
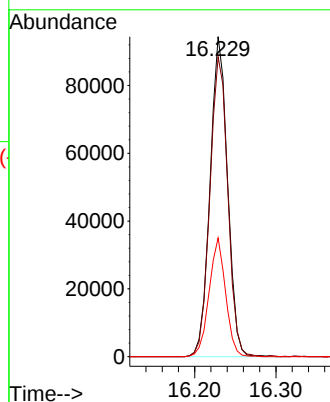
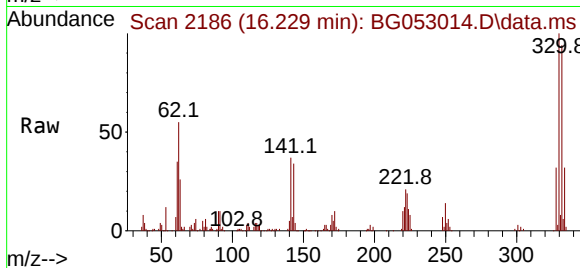
Tgt Ion:330 Resp: 141277

Ion Ratio Lower Upper

330 100

332 95.7 75.8 113.6

141 35.0 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 68.523 ng

RT: 13.374 min Scan# 1700

Delta R.T. -0.018 min

Lab File: BG053014.D

Acq: 4 Apr 2022 19:04

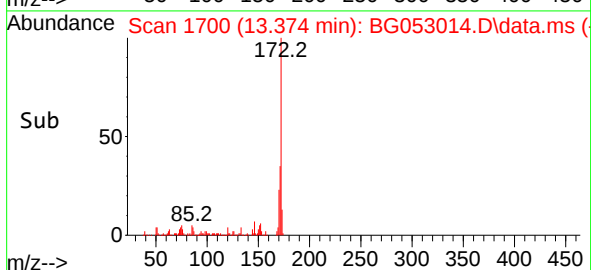
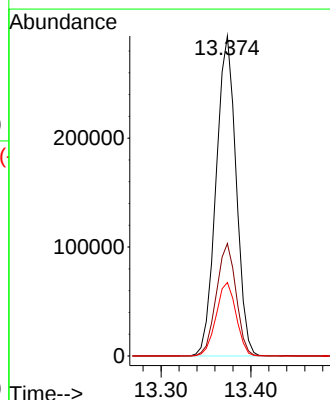
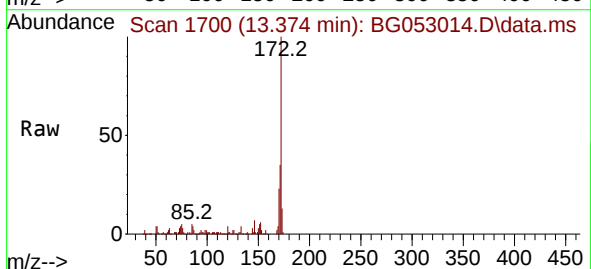
Tgt Ion:172 Resp: 454335

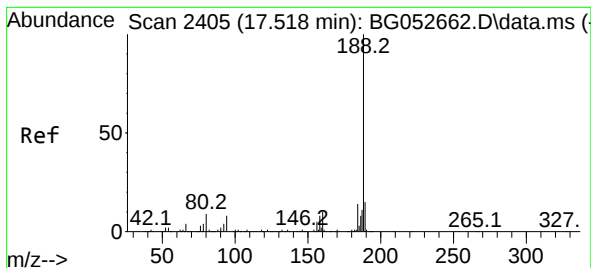
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.0 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 24

Delta R.T. -0.018 min

Lab File: BG053014.D

Acq: 4 Apr 2022 19:04

Instrument :

BNA_G

ClientSampleId :

A09015

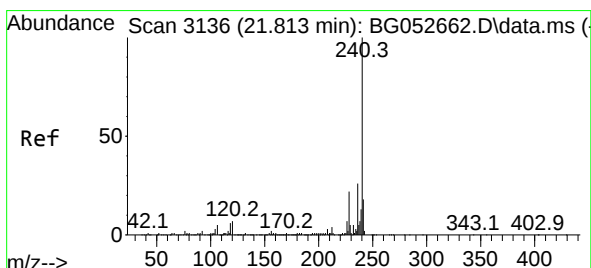
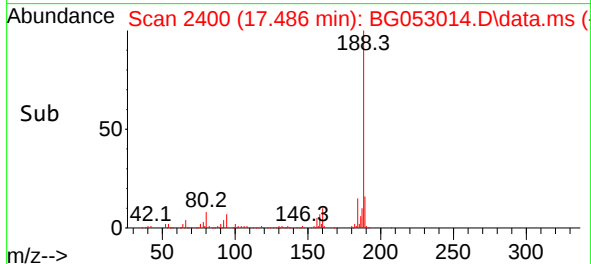
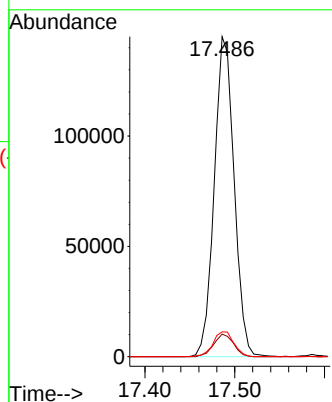
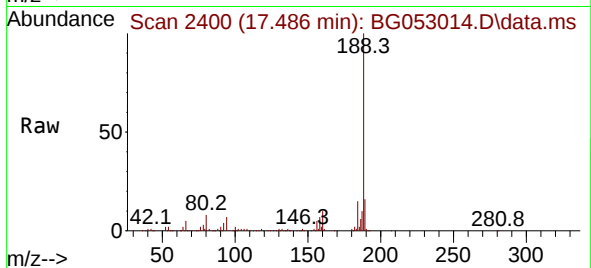
Tgt Ion:188 Resp: 222574

Ion Ratio Lower Upper

188 100

94 7.1 5.7 8.5

80 7.8 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.774 min Scan# 3130

Delta R.T. -0.024 min

Lab File: BG053014.D

Acq: 4 Apr 2022 19:04

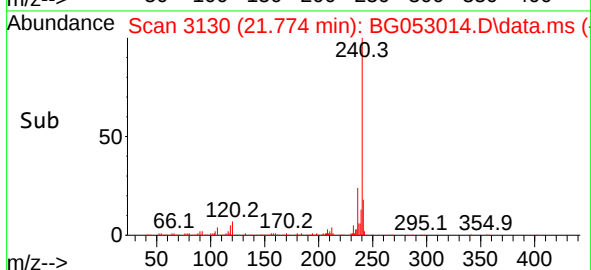
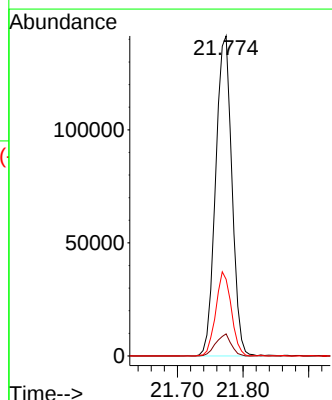
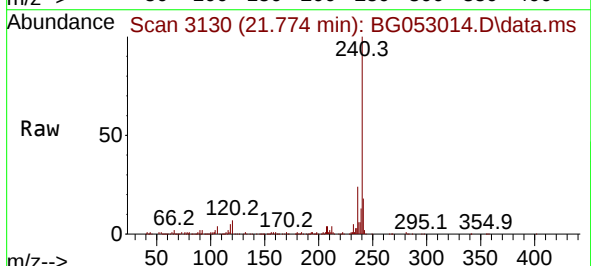
Tgt Ion:240 Resp: 242432

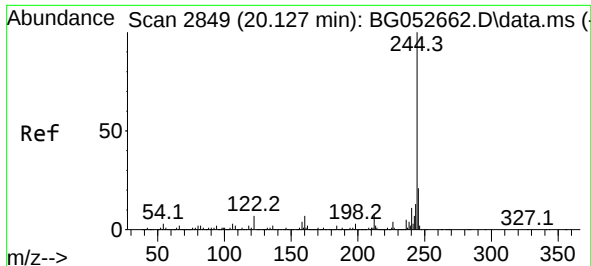
Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.0

236 23.9 19.8 29.6

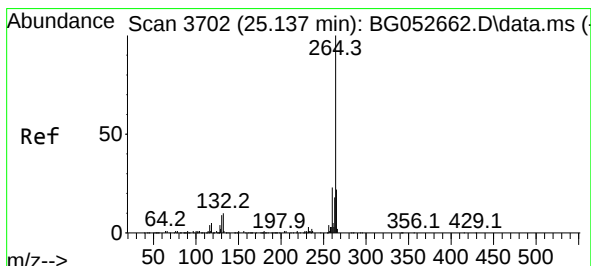
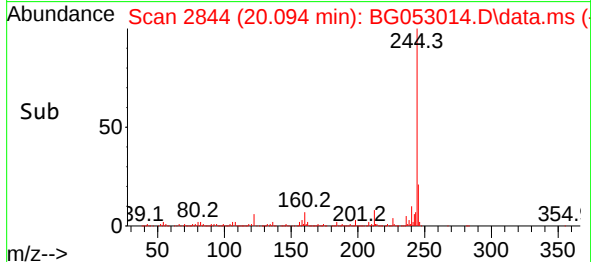
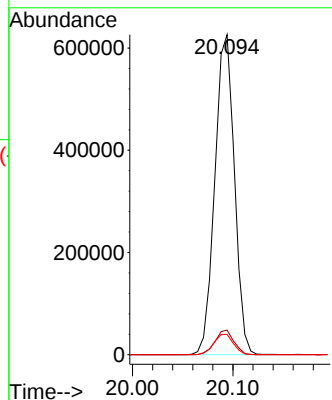
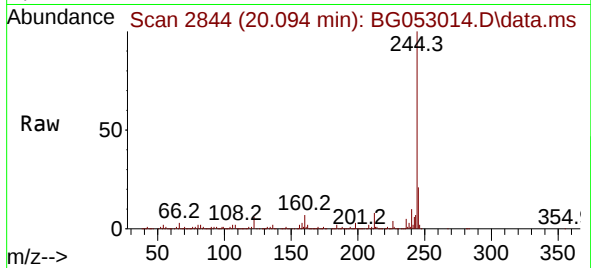




#79
 Terphenyl-d14
 Concen: 62.114 ng
 RT: 20.094 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG053014.D
 Acq: 4 Apr 2022 19:04

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 846532
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 3691
 Delta R.T. -0.042 min
 Lab File: BG053014.D
 Acq: 4 Apr 2022 19:04

Tgt Ion:264 Resp: 247548
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 23.3 15.1 22.7#

