

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053277.D
 Acq On : 23 Apr 2022 1:26
 Operator : CG/JU
 Sample : N2514-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-5

Quant Time: Apr 24 01:17:23 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	8.112	152	24421	20.000	ng	0.00
21) Naphthalene-d8	10.920	136	101505	20.000	ng	# 0.00
39) Acenaphthene-d10	14.732	164	80488	20.000	ng	0.00
64) Phenanthrene-d10	17.476	188	219071	20.000	ng	0.00
76) Chrysene-d12	21.758	240	234532	20.000	ng	0.00
86) Perylene-d12	25.048	264	237390	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	200001	140.387	ng	0.00
7) Phenol-d6	7.272	99	272375	123.979	ng	0.00
23) Nitrobenzene-d5	9.269	82	221836	88.738	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	184977	144.453	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	491683	84.234	ng	0.00
79) Terphenyl-d14	20.084	244	1176540	84.725	ng	0.00

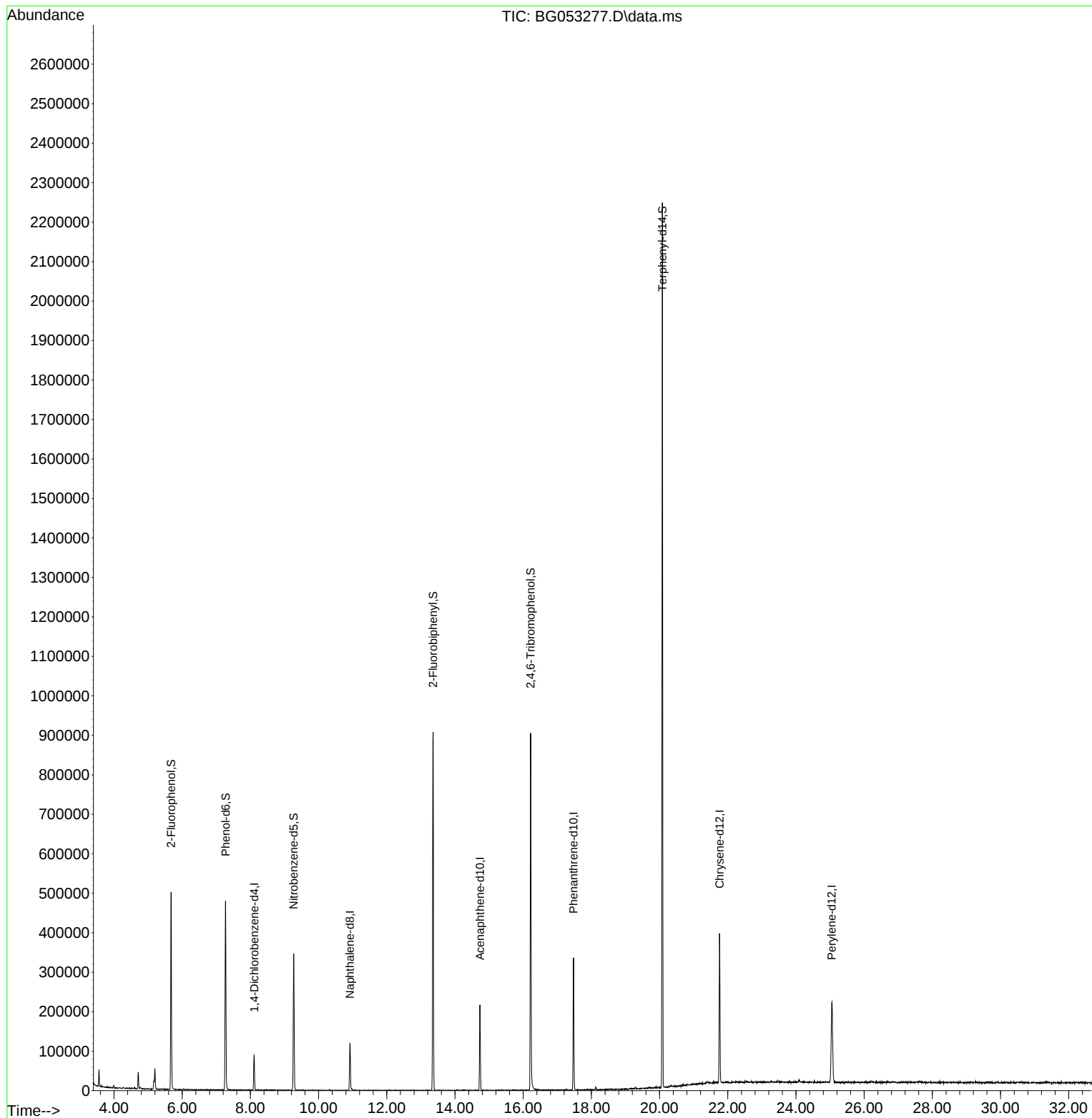
Target Compounds	Qvalue

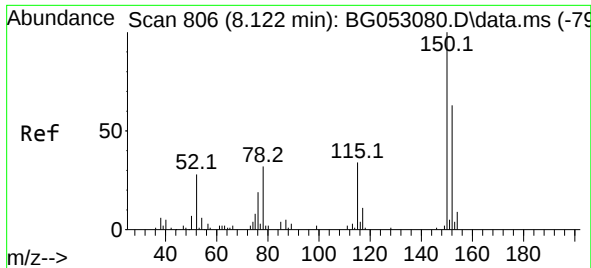
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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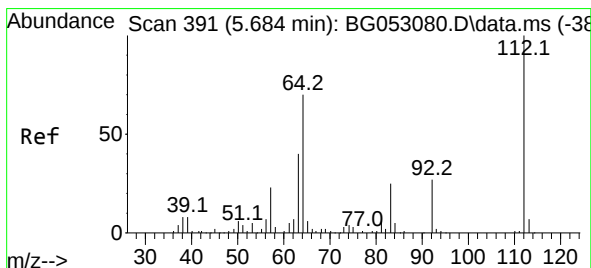
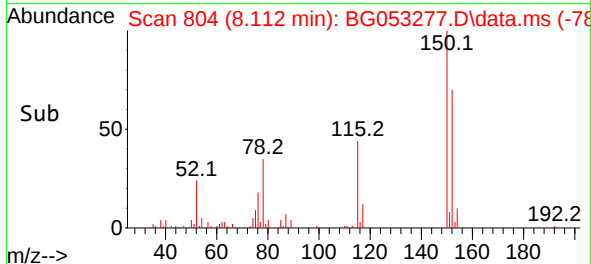
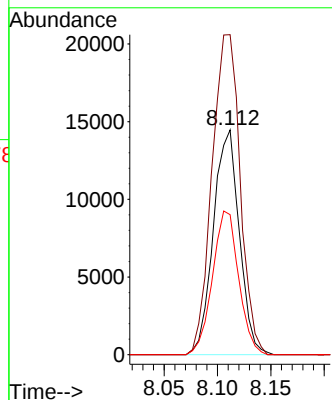
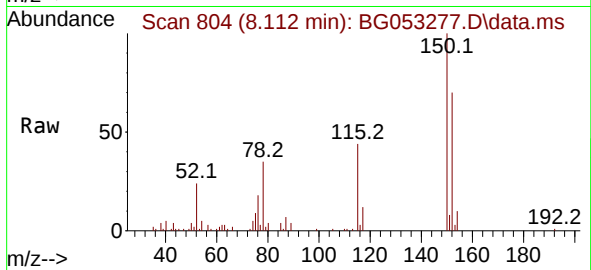




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.112 min Scan# 806
 Delta R.T. -0.001 min
 Lab File: BG053277.D
 Acq: 23 Apr 2022 1:26

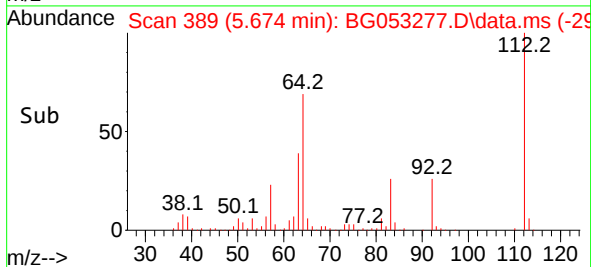
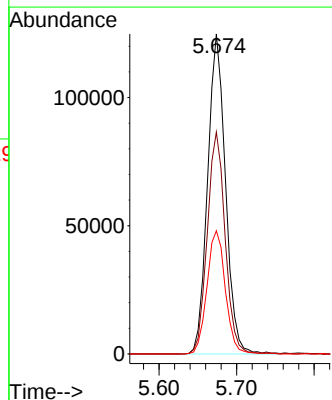
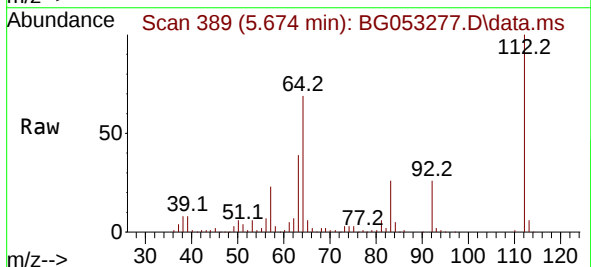
Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-5

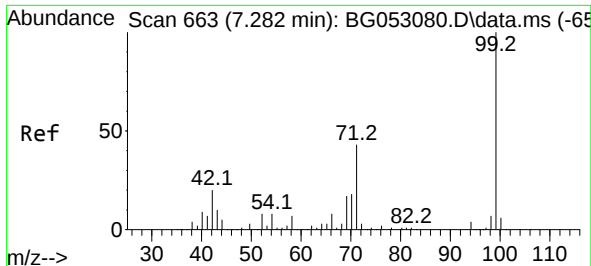
Tgt Ion:152 Resp: 24421
 Ion Ratio Lower Upper
 152 100
 150 142.3 114.6 172.0
 115 62.3 45.9 68.9



#5
 2-Fluorophenol
 Concen: 140.387 ng
 RT: 5.674 min Scan# 389
 Delta R.T. -0.002 min
 Lab File: BG053277.D
 Acq: 23 Apr 2022 1:26

Tgt Ion:112 Resp: 200001
 Ion Ratio Lower Upper
 112 100
 64 69.4 48.0 72.0
 63 38.5 26.5 39.7

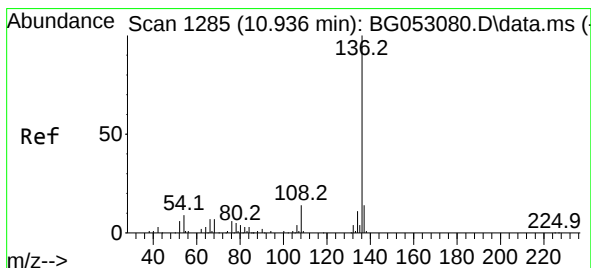
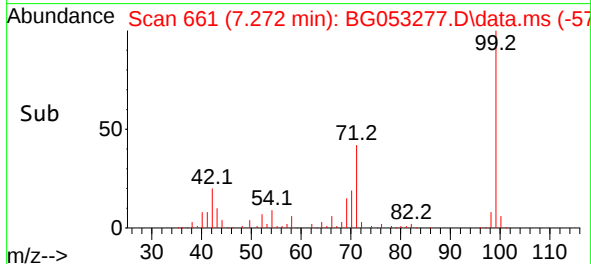
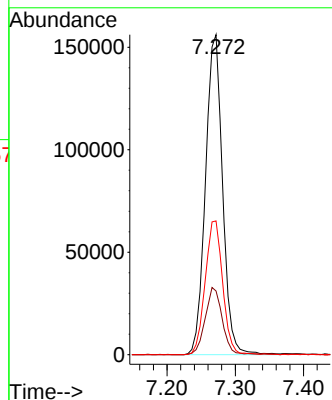
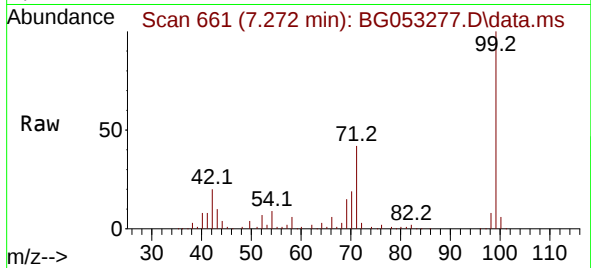




#7
Phenol-d6
Concen: 123.979 ng
RT: 7.272 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053277.D
Acq: 23 Apr 2022 1:26

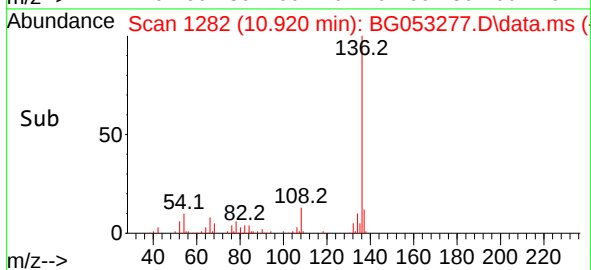
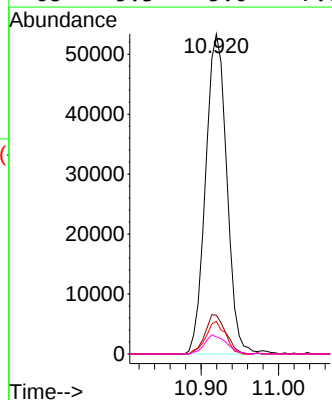
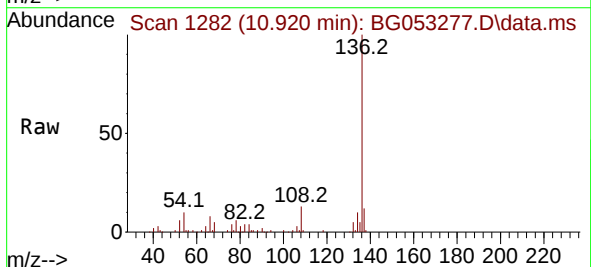
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5

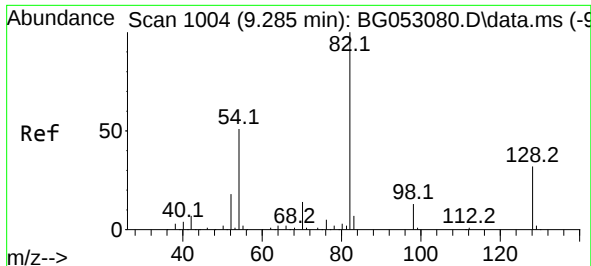
Tgt Ion: 99 Resp: 272375
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 41.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.920 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG053277.D
Acq: 23 Apr 2022 1:26

Tgt Ion: 136 Resp: 101505
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.2
54 10.1 6.4 9.6#
68 5.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 88.738 ng

RT: 9.269 min Scan# 1001

Delta R.T. -0.008 min

Lab File: BG053277.D

Acq: 23 Apr 2022 1:26

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-5

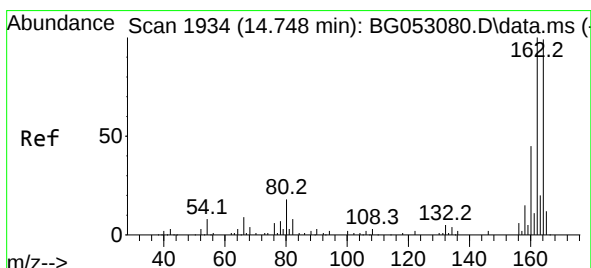
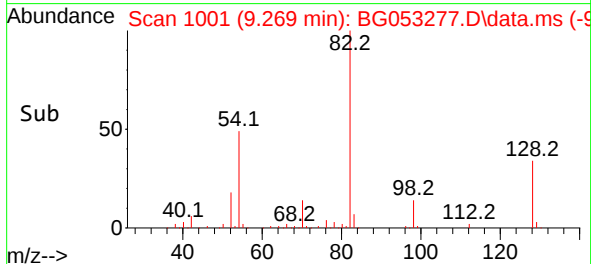
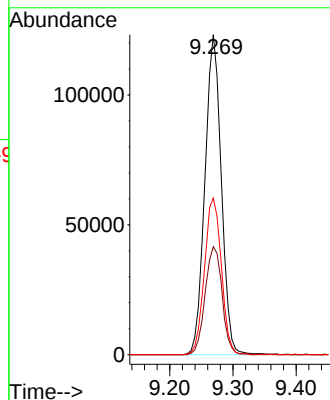
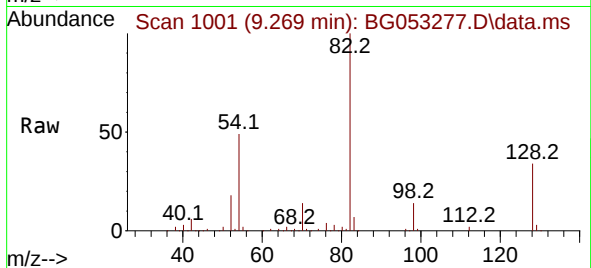
Tgt Ion: 82 Resp: 221836

Ion Ratio Lower Upper

82 100

128 33.7 31.3 46.9

54 49.0 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: BG053277.D

Acq: 23 Apr 2022 1:26

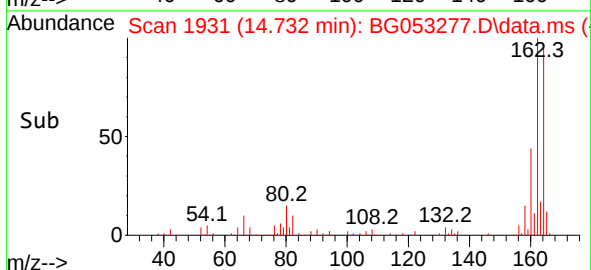
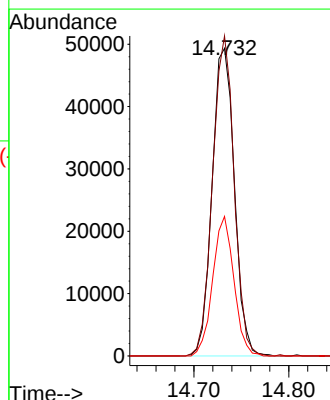
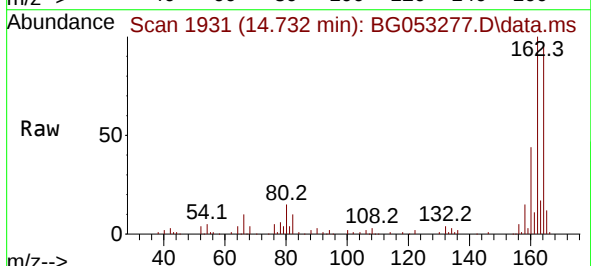
Tgt Ion:164 Resp: 80488

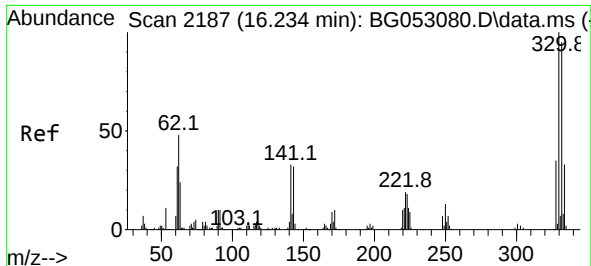
Ion Ratio Lower Upper

164 100

162 104.0 80.0 120.0

160 45.3 38.8 58.2

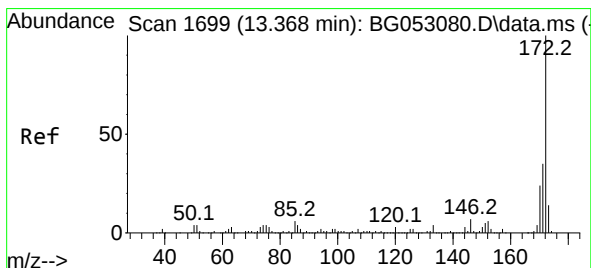
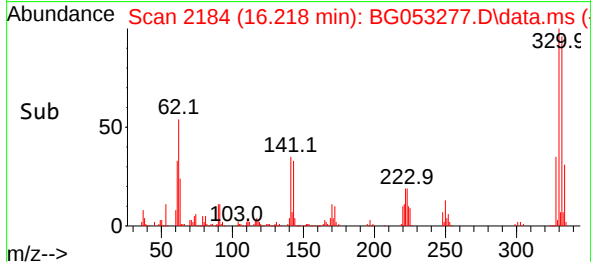
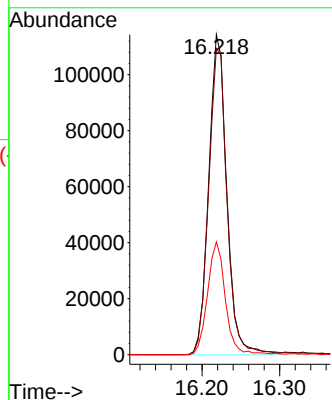
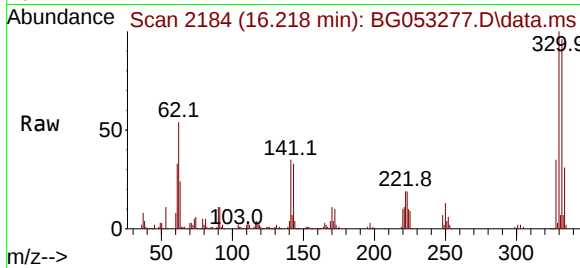




#42
2,4,6-Tribromophenol
Concen: 144.453 ng
RT: 16.218 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053277.D
Acq: 23 Apr 2022 1:26

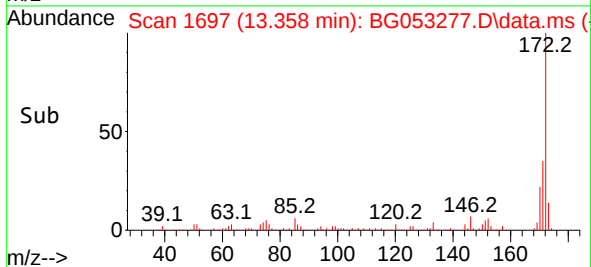
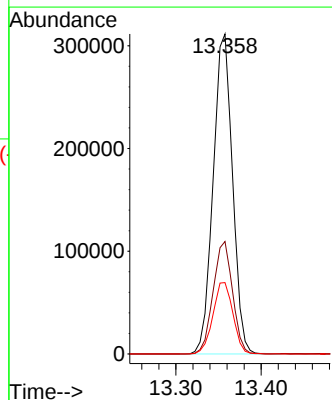
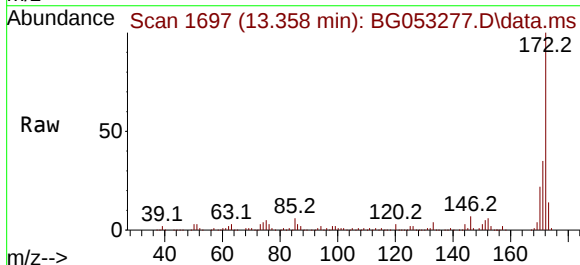
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WC-16-1A-5

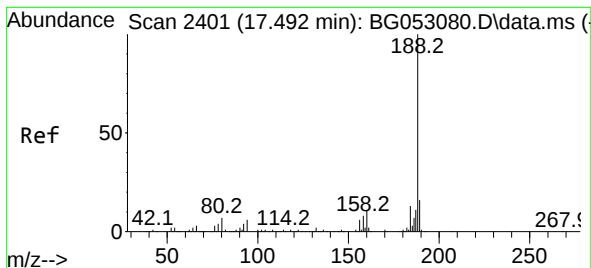
Tgt Ion:330 Resp: 184977
Ion Ratio Lower Upper
330 100
332 98.2 75.8 113.6
141 34.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 84.234 ng
RT: 13.358 min Scan# 1697
Delta R.T. -0.002 min
Lab File: BG053277.D
Acq: 23 Apr 2022 1:26

Tgt Ion:172 Resp: 491683
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.3 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.476 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053277.D

Acq: 23 Apr 2022 1:26

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-5

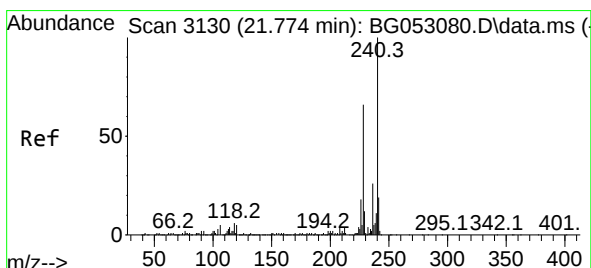
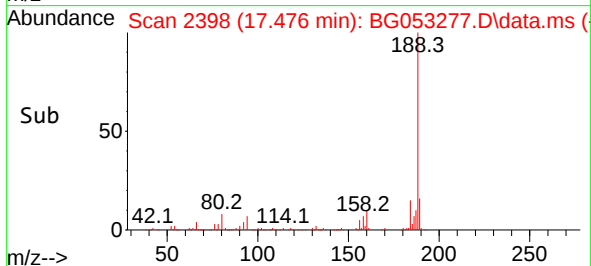
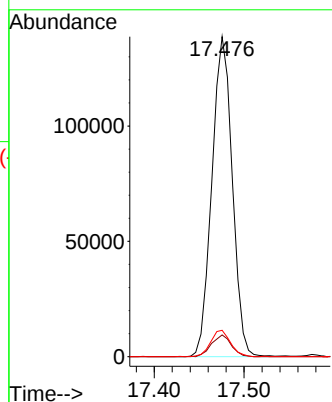
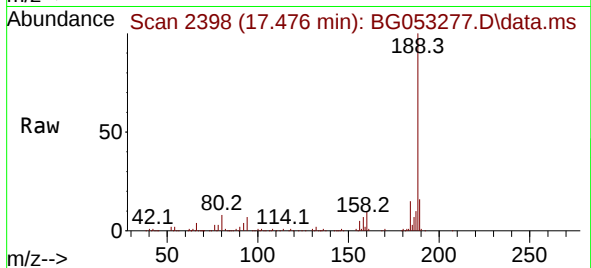
Tgt Ion:188 Resp: 219071

Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

80 8.2 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.758 min Scan# 3127

Delta R.T. -0.008 min

Lab File: BG053277.D

Acq: 23 Apr 2022 1:26

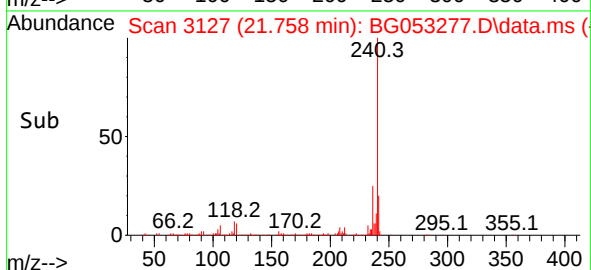
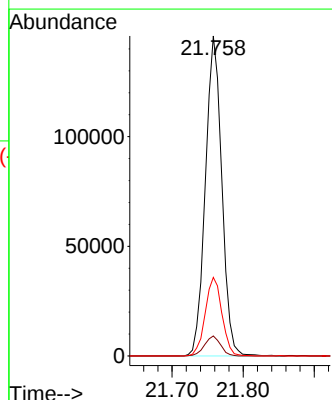
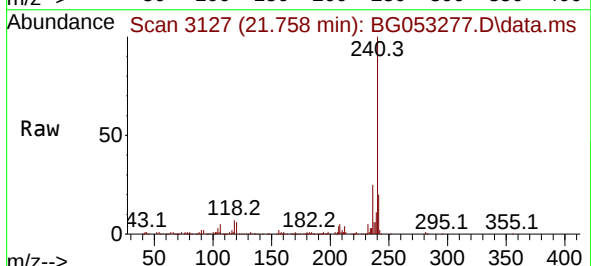
Tgt Ion:240 Resp: 234532

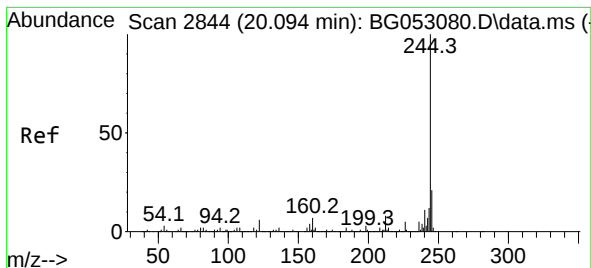
Ion Ratio Lower Upper

240 100

120 6.2 5.4 8.0

236 24.6 19.8 29.6





#79

Terphenyl-d14

Concen: 84.725 ng

RT: 20.084 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG053277.D

Acq: 23 Apr 2022 1:26

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-5

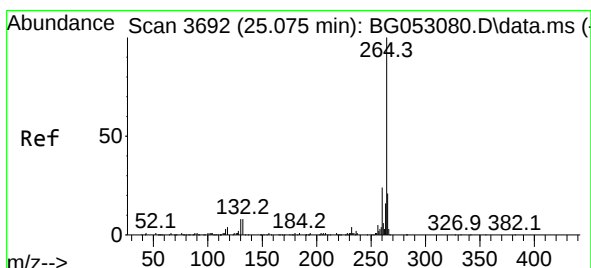
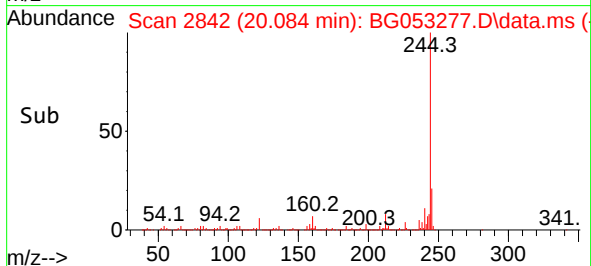
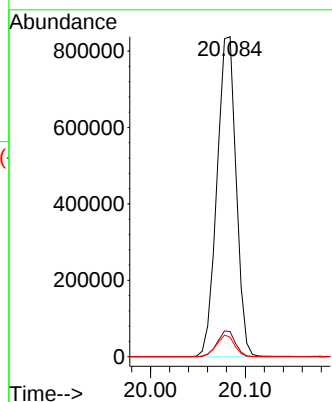
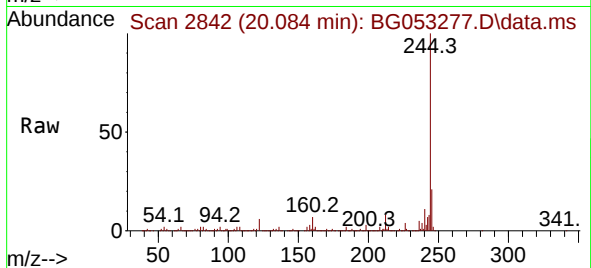
Tgt Ion:244 Resp: 1176540

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

122 6.1 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.048 min Scan# 3687

Delta R.T. -0.013 min

Lab File: BG053277.D

Acq: 23 Apr 2022 1:26

Tgt Ion:264 Resp: 237390

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 21.2 15.1 22.7

