

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053278.D
 Acq On : 23 Apr 2022 2:04
 Operator : CG/JU
 Sample : N2514-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-6

Quant Time: Apr 24 01:17:29 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	8.108	152	23657	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	94210	20.000	ng	# 0.00
39) Acenaphthene-d10	14.728	164	74273	20.000	ng	0.00
64) Phenanthrene-d10	17.478	188	201818	20.000	ng	# 0.00
76) Chrysene-d12	21.760	240	217239	20.000	ng	0.00
86) Perylene-d12	25.055	264	223211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	197675	143.235	ng	0.00
7) Phenol-d6	7.268	99	269583	126.671	ng	0.00
23) Nitrobenzene-d5	9.265	82	210693	90.806	ng	-0.01
42) 2,4,6-Tribromophenol	16.220	330	178146	150.760	ng	0.00
45) 2-Fluorobiphenyl	13.354	172	473050	87.823	ng	0.00
79) Terphenyl-d14	20.080	244	1116505	86.802	ng	0.00

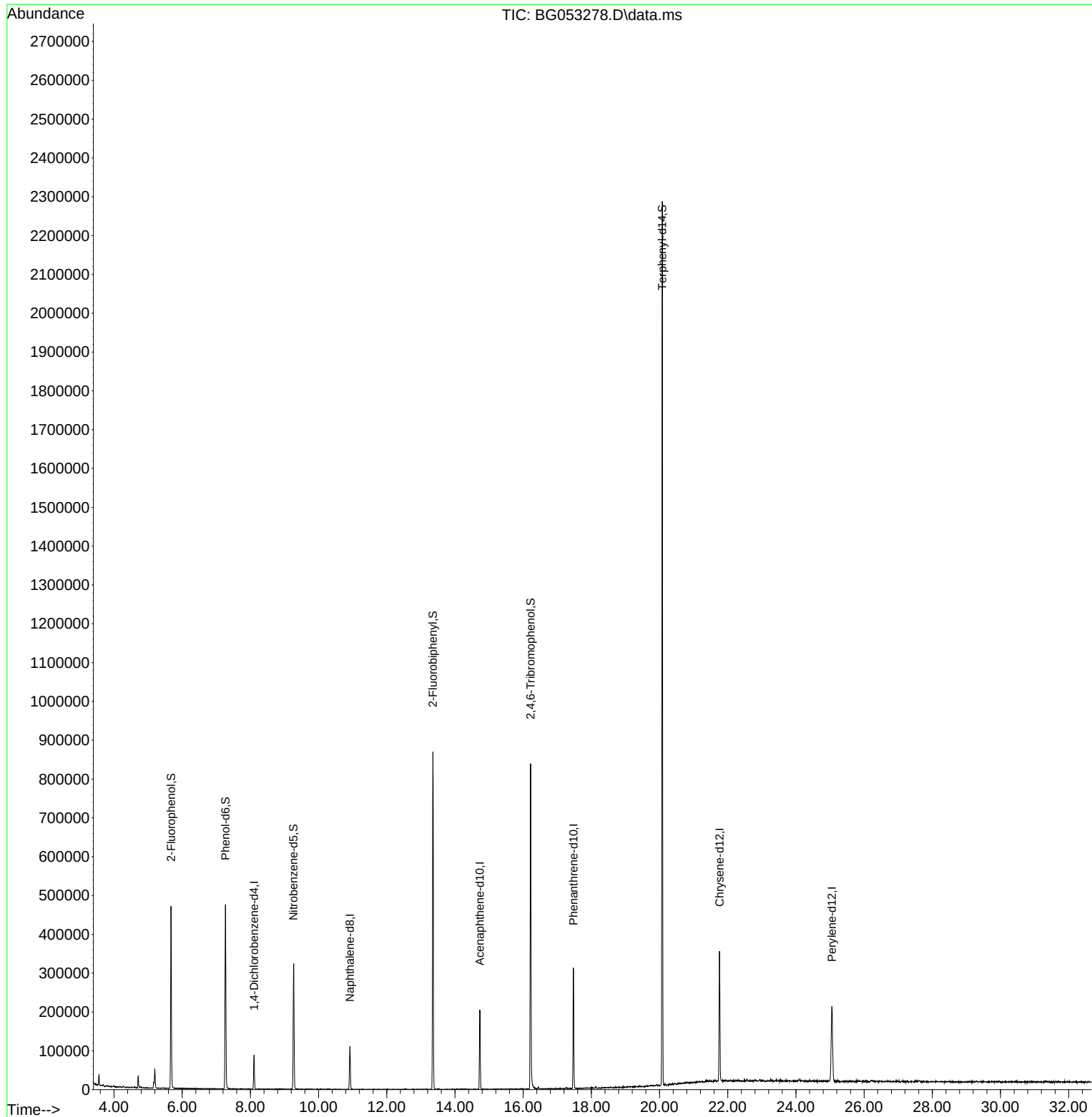
Target Compounds	Qvalue

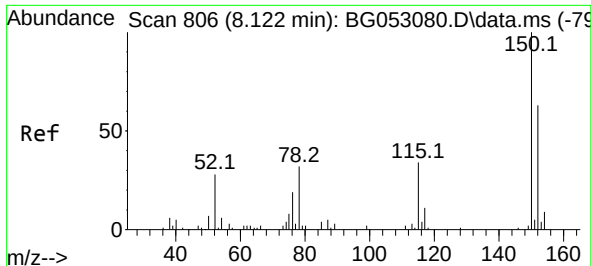
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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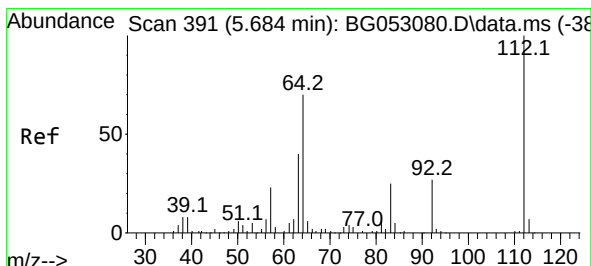
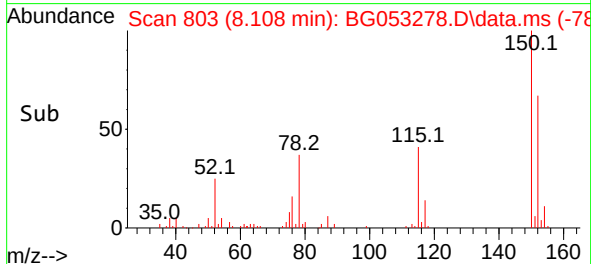
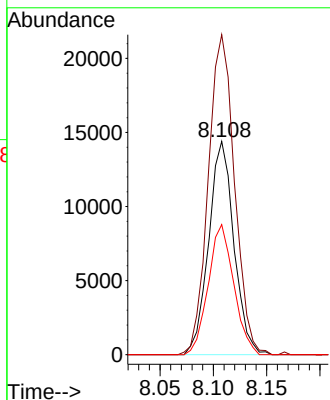
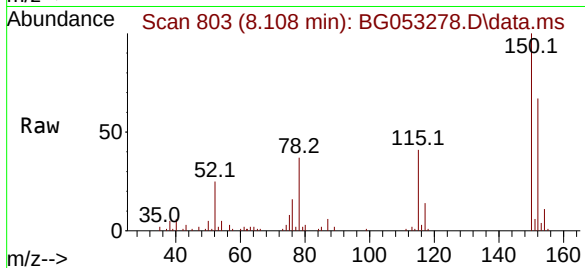




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

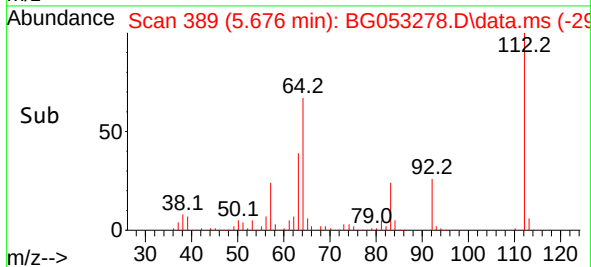
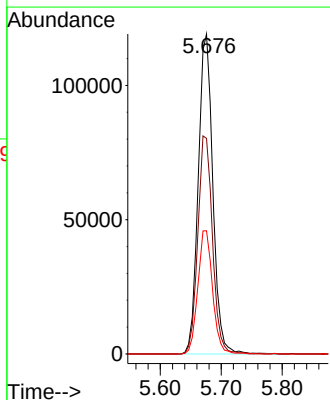
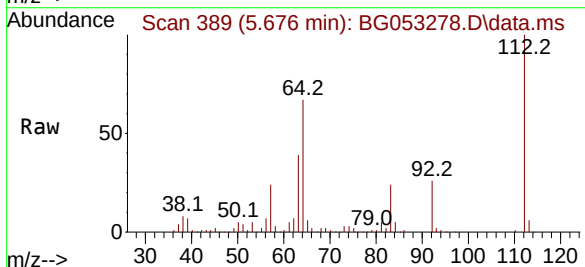
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

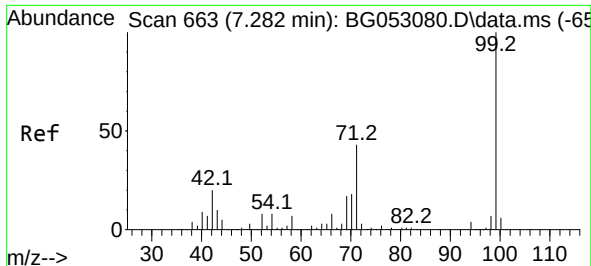
Tgt Ion:152 Resp: 23657
Ion Ratio Lower Upper
152 100
150 150.1 114.6 172.0
115 61.0 45.9 68.9



#5
2-Fluorophenol
Concen: 143.235 ng
RT: 5.676 min Scan# 389
Delta R.T. 0.000 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

Tgt Ion:112 Resp: 197675
Ion Ratio Lower Upper
112 100
64 67.4 48.0 72.0
63 38.5 26.5 39.7

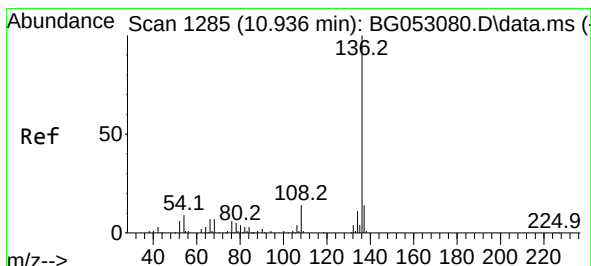
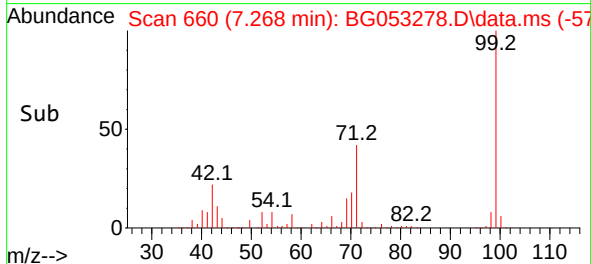
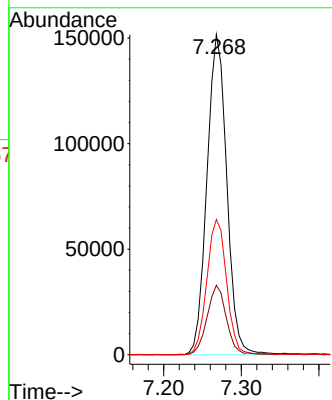
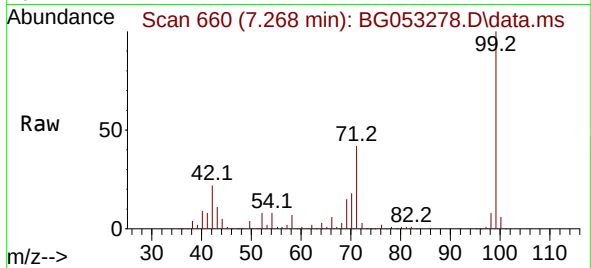




#7
Phenol-d6
Concen: 126.671 ng
RT: 7.268 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

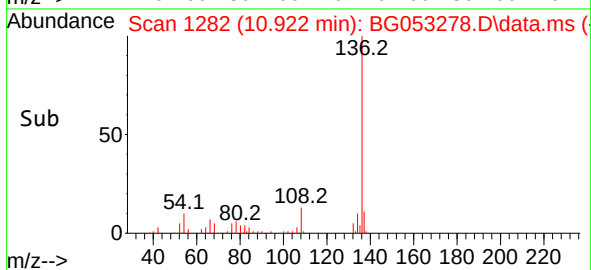
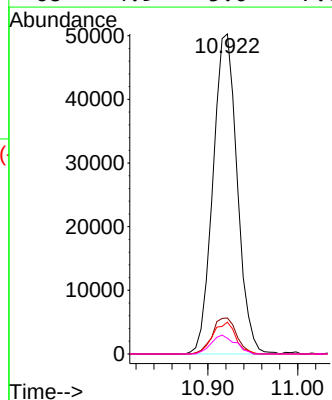
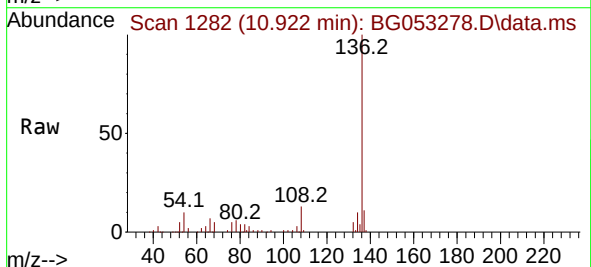
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

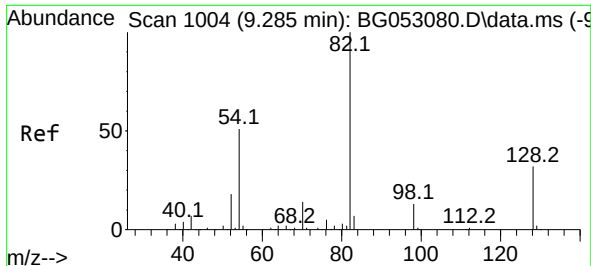
Tgt Ion: 99 Resp: 269583
Ion Ratio Lower Upper
99 100
42 21.7 14.7 22.1
71 42.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BG053278.D
Acq: 23 Apr 2022 2:04

Tgt Ion: 136 Resp: 94210
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 10.0 6.4 9.6#
68 4.9 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 90.806 ng

RT: 9.265 min Scan# 1000

Delta R.T. -0.011 min

Lab File: BG053278.D

Acq: 23 Apr 2022 2:04

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-6

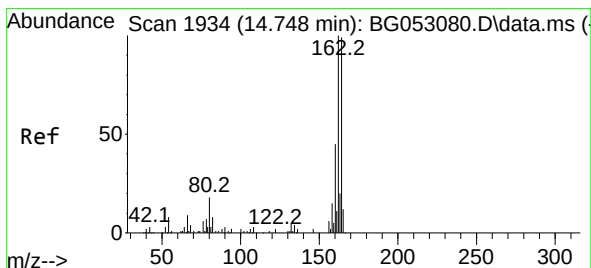
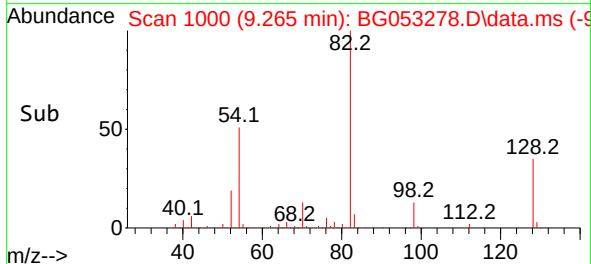
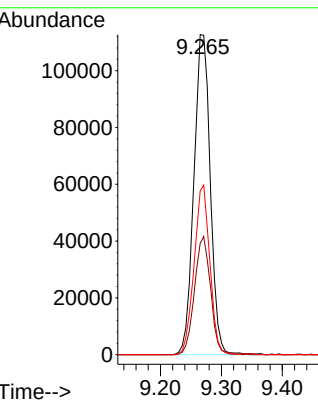
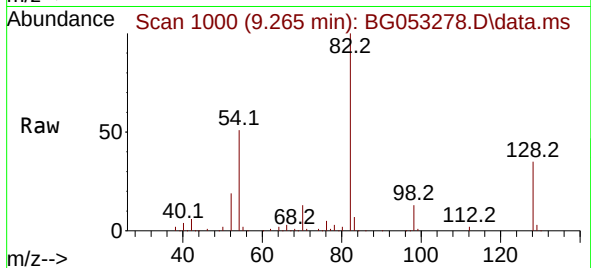
Tgt Ion: 82 Resp: 210693

Ion Ratio Lower Upper

82 100

128 34.8 31.3 46.9

54 51.2 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.728 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BG053278.D

Acq: 23 Apr 2022 2:04

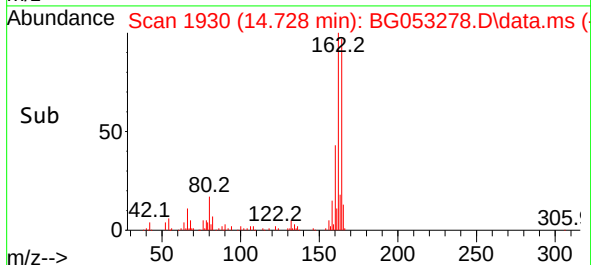
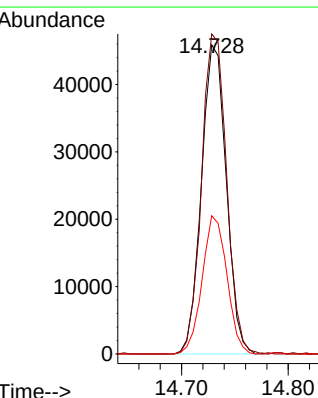
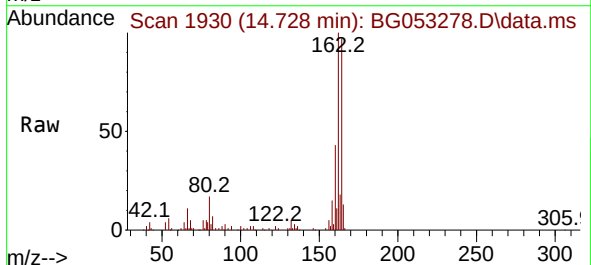
Tgt Ion:164 Resp: 74273

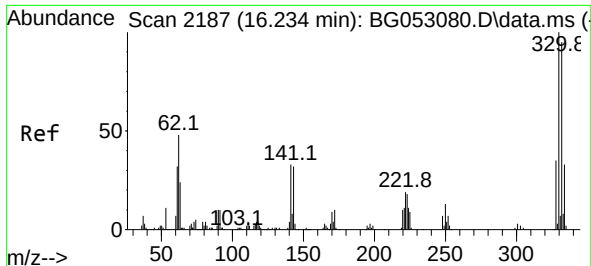
Ion Ratio Lower Upper

164 100

162 103.5 80.0 120.0

160 44.7 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 150.760 ng

RT: 16.220 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053278.D

Acq: 23 Apr 2022 2:04

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-6

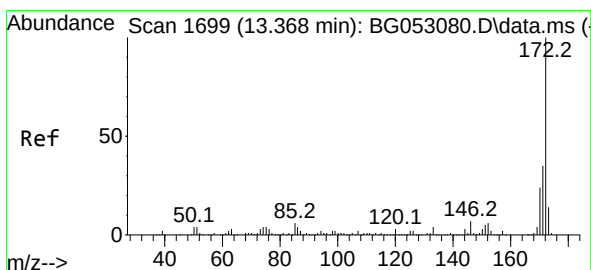
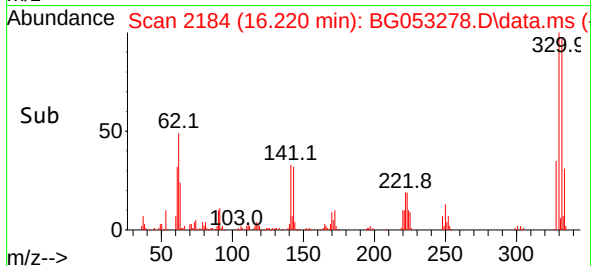
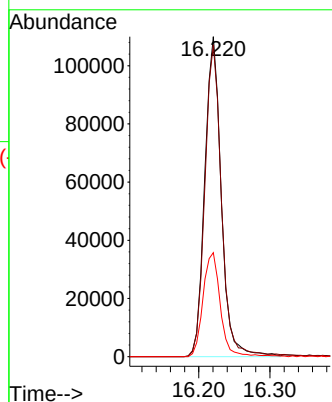
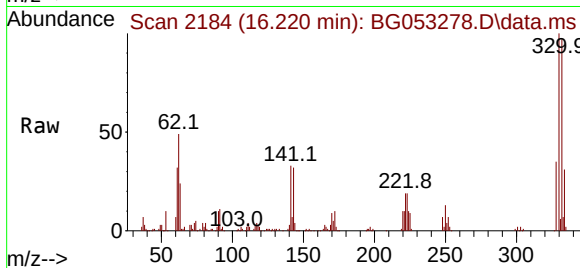
Tgt Ion:330 Resp: 178146

Ion Ratio Lower Upper

330 100

332 98.7 75.8 113.6

141 34.1 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 87.823 ng

RT: 13.354 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BG053278.D

Acq: 23 Apr 2022 2:04

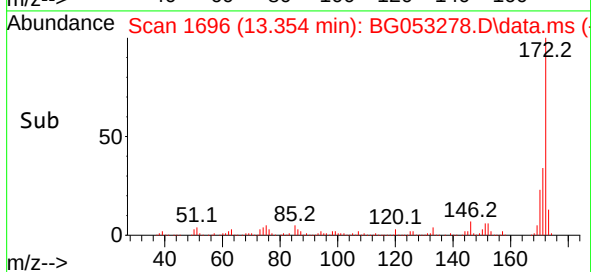
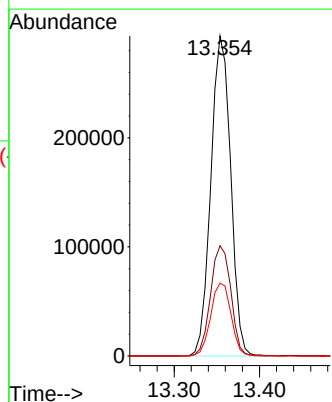
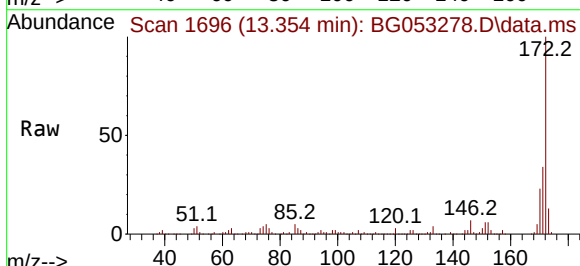
Tgt Ion:172 Resp: 473050

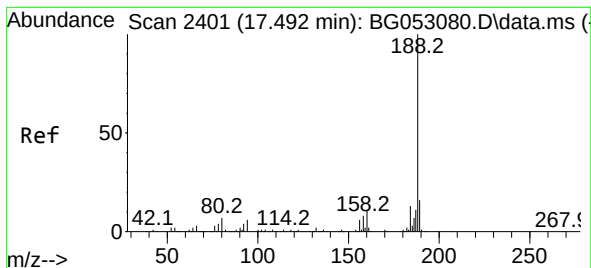
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 22.8 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.478 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053278.D

Acq: 23 Apr 2022 2:04

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-6

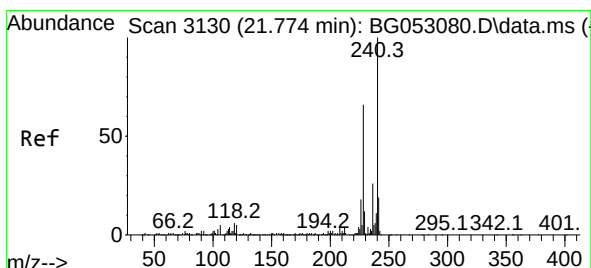
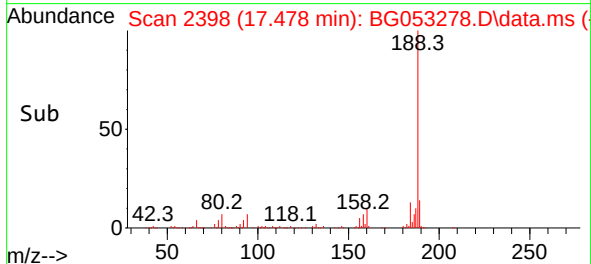
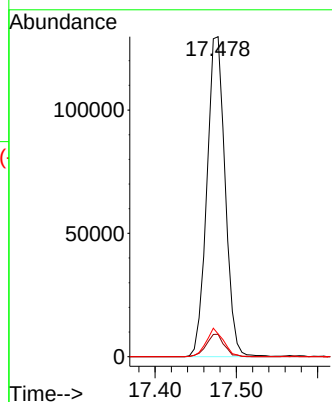
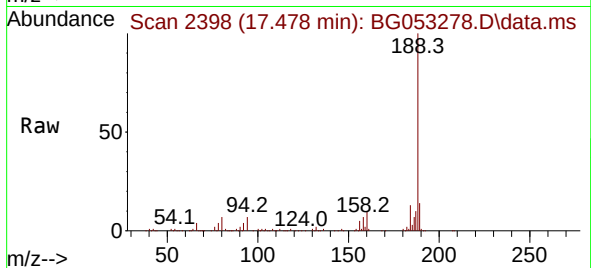
Tgt Ion:188 Resp: 201818

Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 7.1 7.2 10.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.760 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BG053278.D

Acq: 23 Apr 2022 2:04

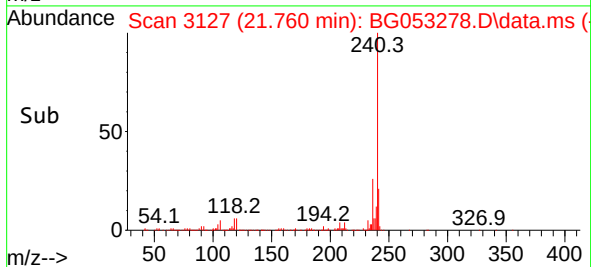
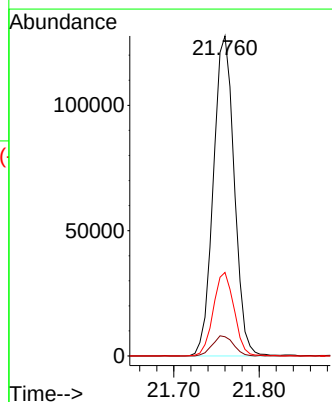
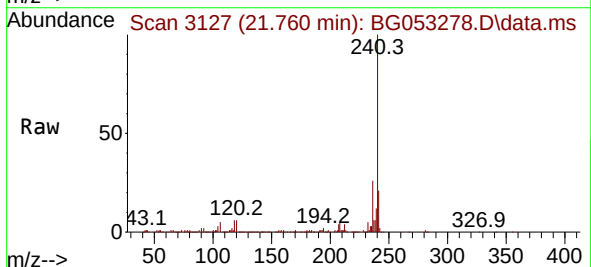
Tgt Ion:240 Resp: 217239

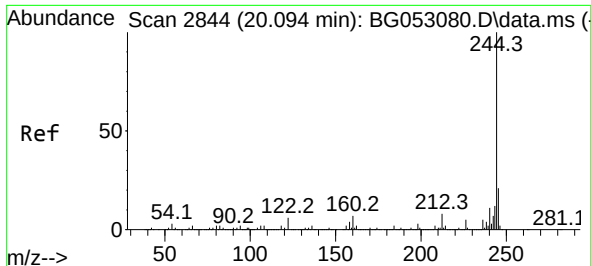
Ion Ratio Lower Upper

240 100

120 6.0 5.4 8.0

236 26.1 19.8 29.6

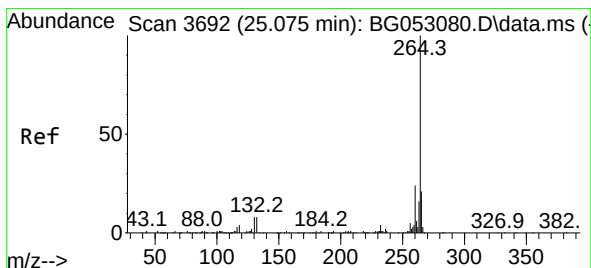
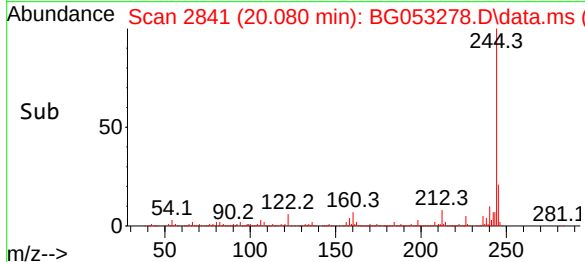
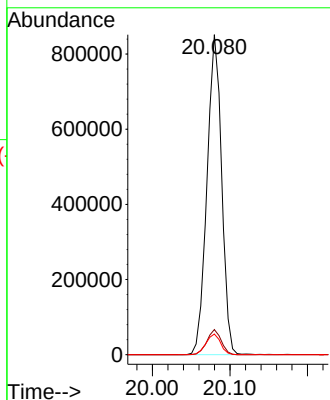
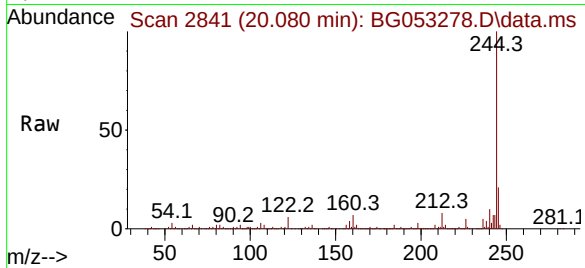




#79
 Terphenyl-d14
 Concen: 86.802 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053278.D
 Acq: 23 Apr 2022 2:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-6

Tgt Ion:244 Resp: 1116505
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.055 min Scan# 3688
 Delta R.T. -0.006 min
 Lab File: BG053278.D
 Acq: 23 Apr 2022 2:04

Tgt Ion:264 Resp: 223211
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 21.2 15.1 22.7

