

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053263.D
 Acq On : 22 Apr 2022 16:18
 Operator : CG/JU
 Sample : N2487-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-W

Quant Time: Apr 24 01:15:32 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	23874	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	96811	20.000	ng	# 0.00
39) Acenaphthene-d10	14.734	164	76327	20.000	ng	0.00
64) Phenanthrene-d10	17.478	188	195401	20.000	ng	0.00
76) Chrysene-d12	21.760	240	204189	20.000	ng	0.00
86) Perylene-d12	25.056	264	205887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	147819	106.136	ng	0.00
7) Phenol-d6	7.268	99	217457	101.249	ng	0.00
23) Nitrobenzene-d5	9.271	82	152828	64.097	ng	0.00
42) 2,4,6-Tribromophenol	16.221	330	127645	105.115	ng	0.00
45) 2-Fluorobiphenyl	13.354	172	340714	61.553	ng	0.00
79) Terphenyl-d14	20.080	244	712623	58.943	ng	0.00

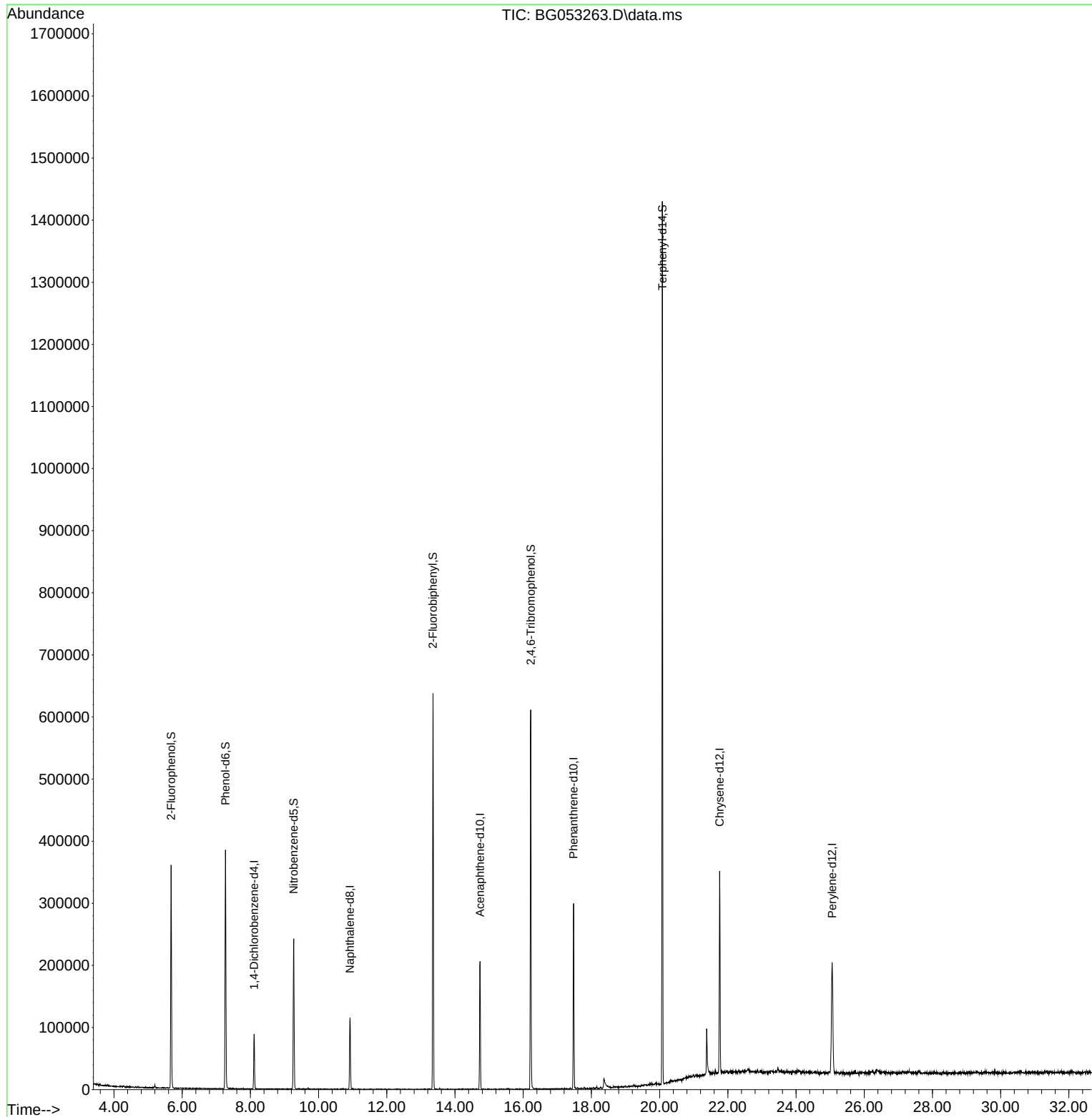
Target Compounds	Qvalue

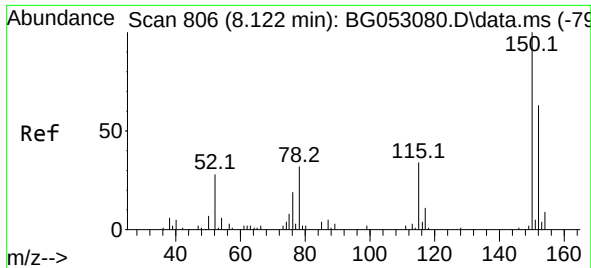
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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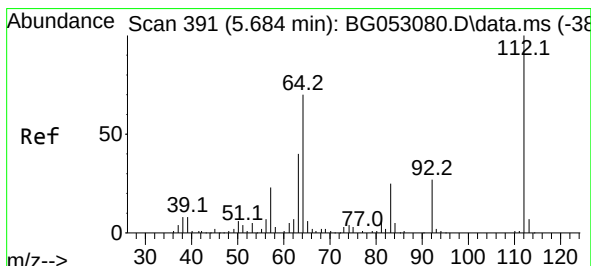
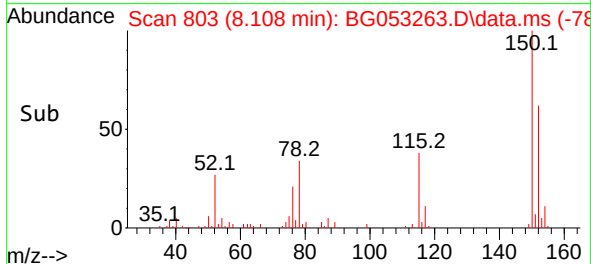
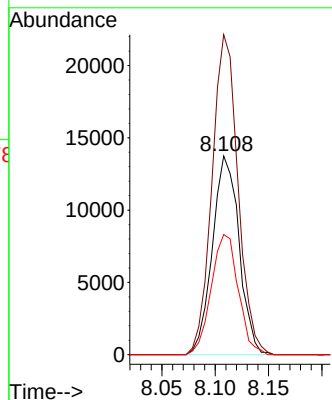
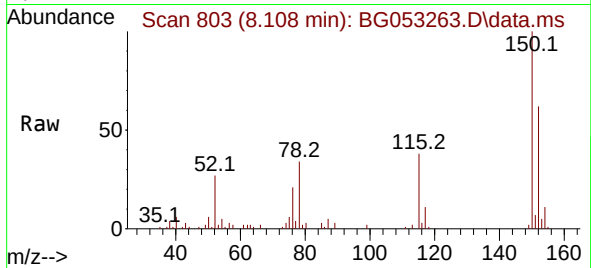




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

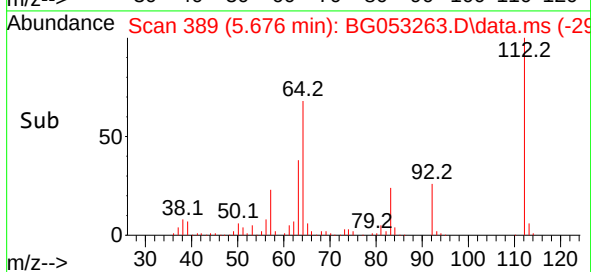
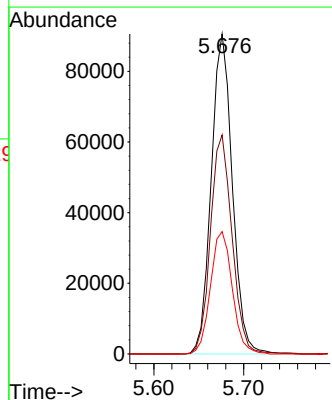
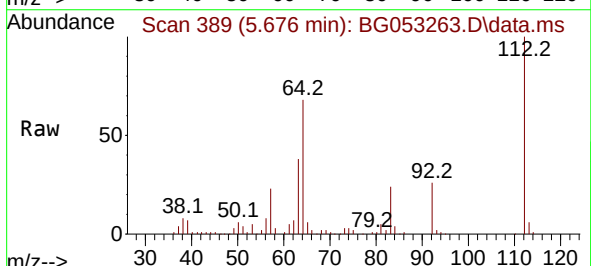
Instrument :
BNA_G
ClientSampleId :
UST-1-W

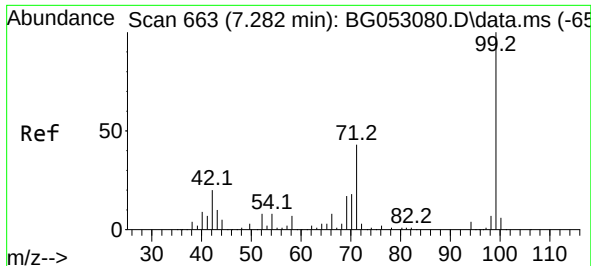
Tgt Ion:152 Resp: 23874
Ion Ratio Lower Upper
152 100
150 161.0 114.6 172.0
115 60.5 45.9 68.9



#5
2-Fluorophenol
Concen: 106.136 ng
RT: 5.676 min Scan# 389
Delta R.T. 0.000 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion:112 Resp: 147819
Ion Ratio Lower Upper
112 100
64 68.5 48.0 72.0
63 38.2 26.5 39.7

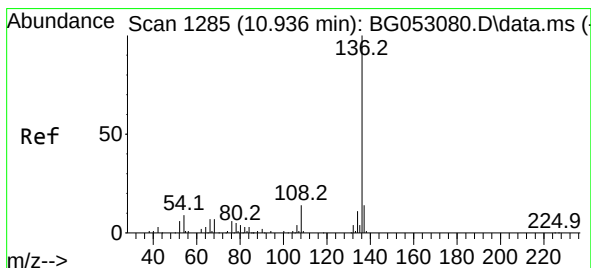
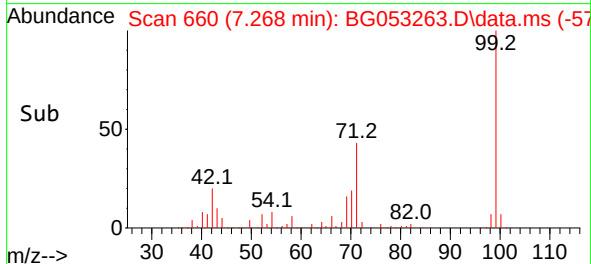
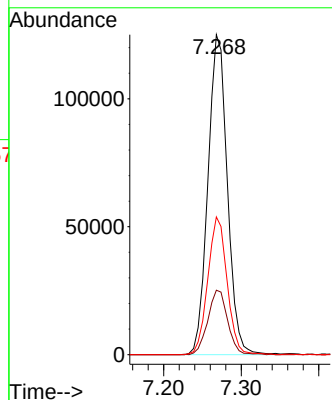
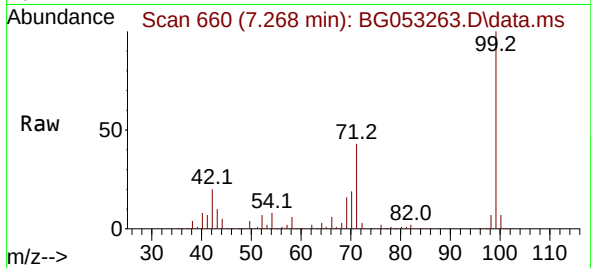




#7
Phenol-d6
Concen: 101.249 ng
RT: 7.268 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

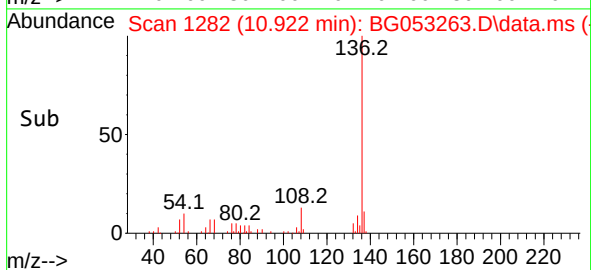
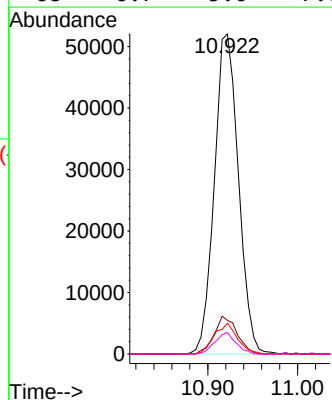
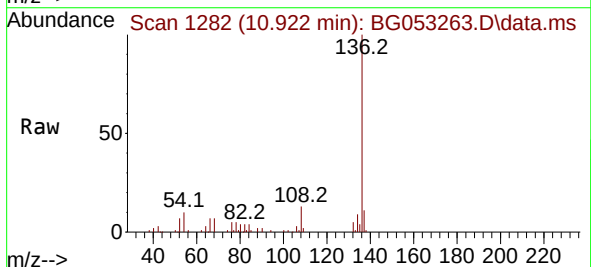
Instrument :
BNA_G
ClientSampleId :
UST-1-W

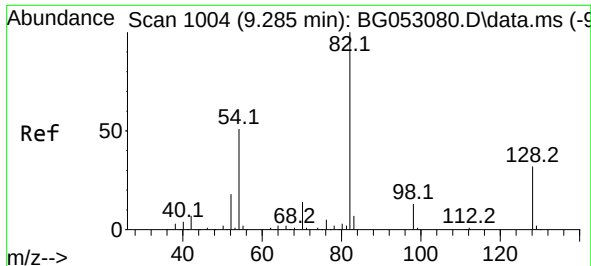
Tgt Ion: 99 Resp: 217457
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 43.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion: 136 Resp: 96811
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 9.6 6.4 9.6#
68 6.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 64.097 ng

RT: 9.271 min Scan# 1004

Delta R.T. -0.005 min

Lab File: BG053263.D

Acq: 22 Apr 2022 16:18

Instrument :

BNA_G

ClientSampleId :

UST-1-W

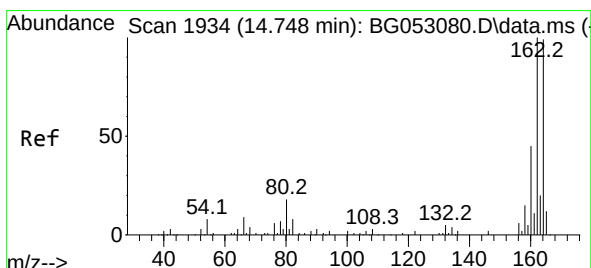
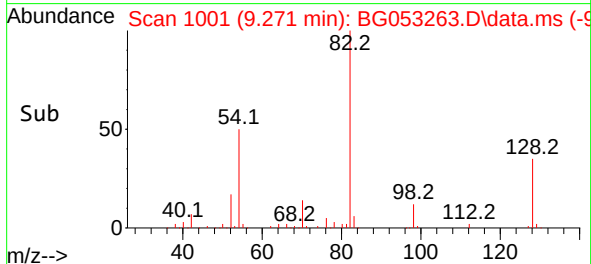
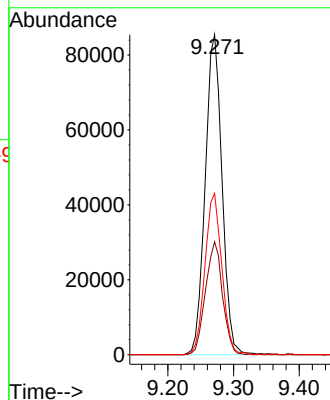
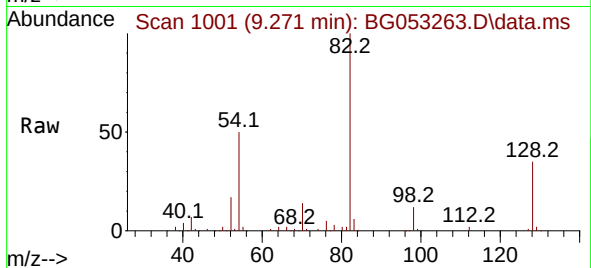
Tgt Ion: 82 Resp: 152828

Ion Ratio Lower Upper

82 100

128 35.3 31.3 46.9

54 50.4 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BG053263.D

Acq: 22 Apr 2022 16:18

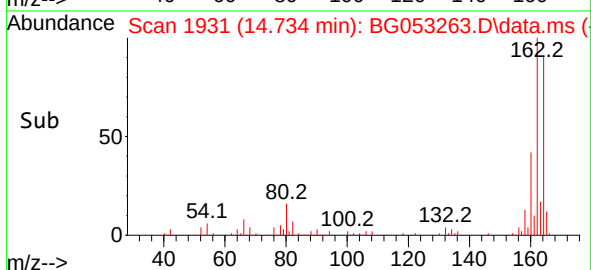
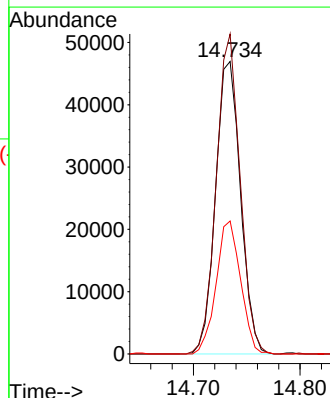
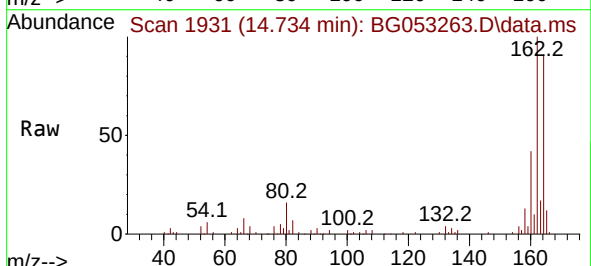
Tgt Ion:164 Resp: 76327

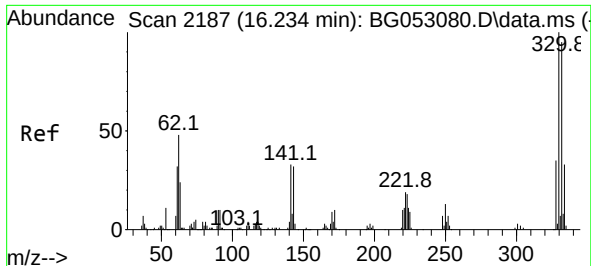
Ion Ratio Lower Upper

164 100

162 109.4 80.0 120.0

160 45.4 38.8 58.2

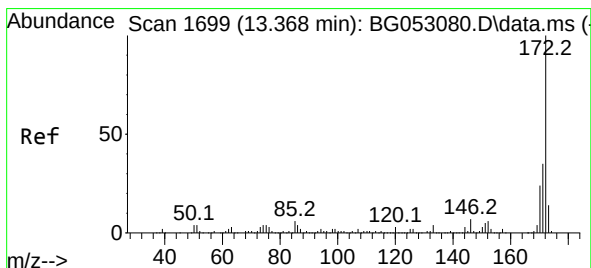
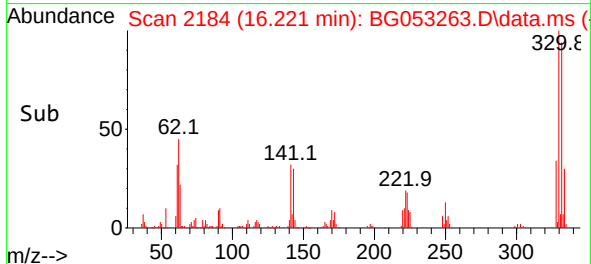
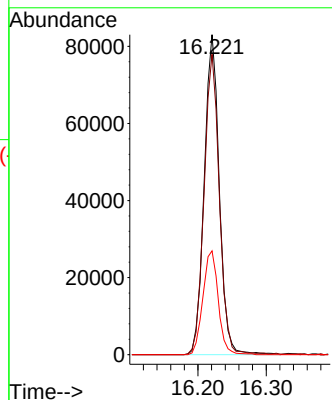
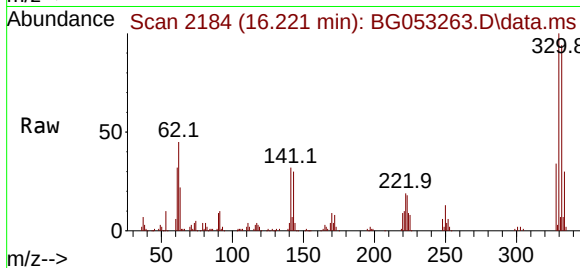




#42
2,4,6-Tribromophenol
Concen: 105.115 ng
RT: 16.221 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

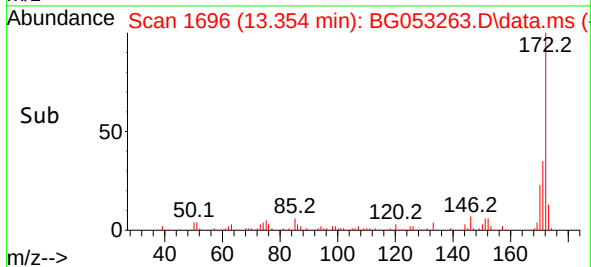
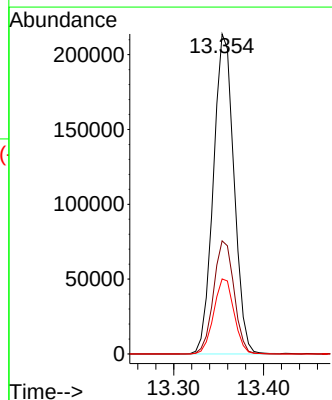
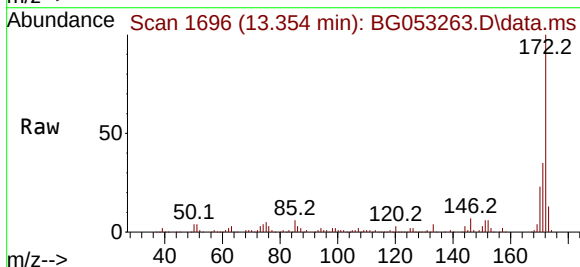
Instrument :
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UST-1-W

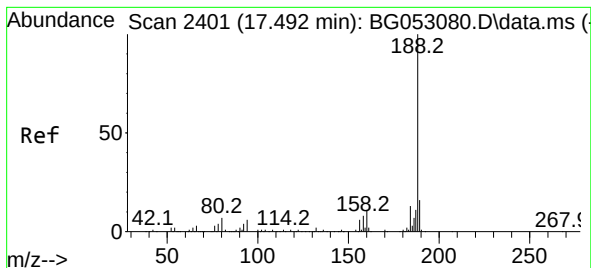
Tgt Ion:330 Resp: 127645
Ion Ratio Lower Upper
330 100
332 95.0 75.8 113.6
141 33.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 61.553 ng
RT: 13.354 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BG053263.D
Acq: 22 Apr 2022 16:18

Tgt Ion:172 Resp: 340714
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.478 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG053263.D

Acq: 22 Apr 2022 16:18

Instrument :

BNA_G

ClientSampleId :

UST-1-W

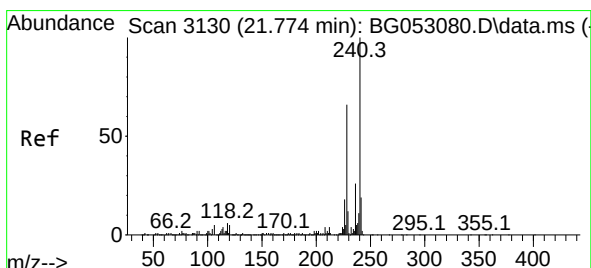
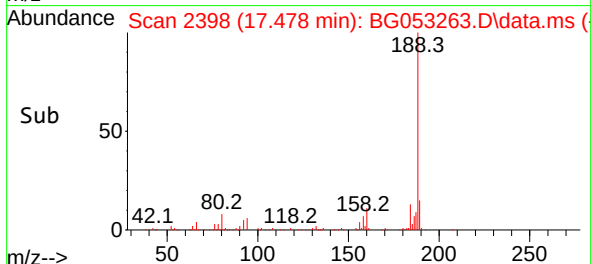
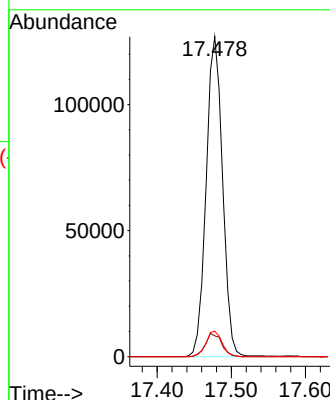
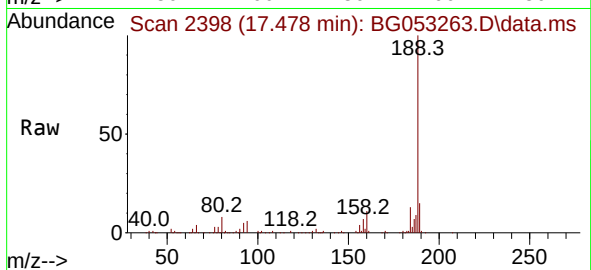
Tgt Ion:188 Resp: 195401

Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

80 8.0 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.760 min Scan# 3127

Delta R.T. -0.005 min

Lab File: BG053263.D

Acq: 22 Apr 2022 16:18

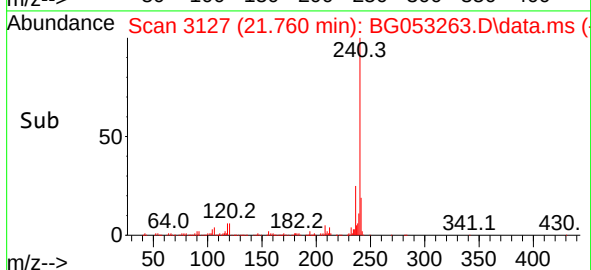
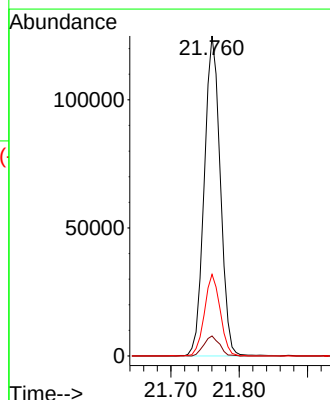
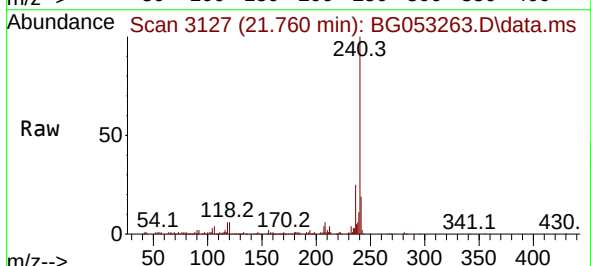
Tgt Ion:240 Resp: 204189

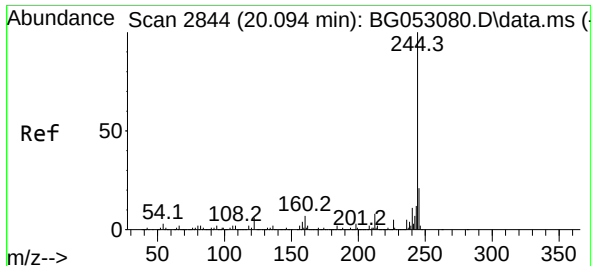
Ion Ratio Lower Upper

240 100

120 6.3 5.4 8.0

236 25.5 19.8 29.6

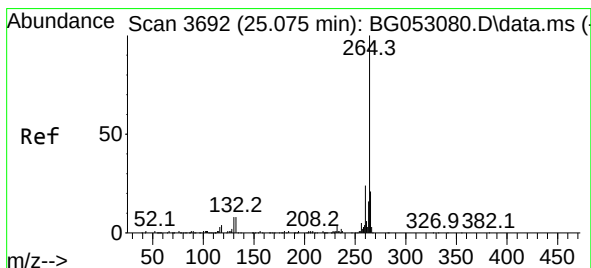
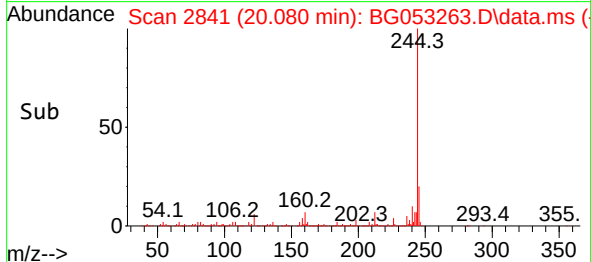
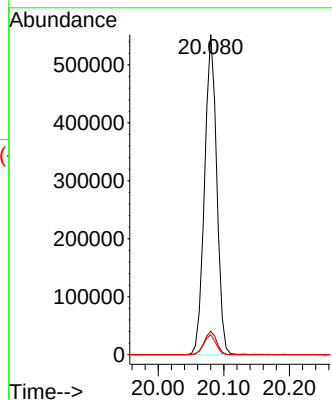
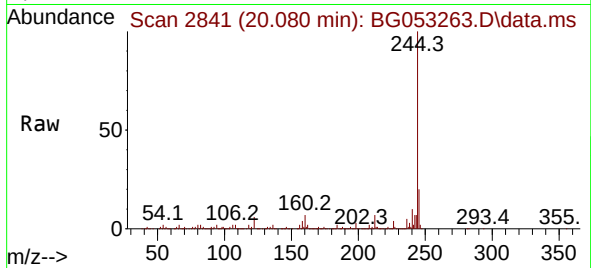




#79
 Terphenyl-d14
 Concen: 58.943 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053263.D
 Acq: 22 Apr 2022 16:18

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-W

Tgt Ion:244 Resp: 712623
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.056 min Scan# 3688
 Delta R.T. -0.005 min
 Lab File: BG053263.D
 Acq: 22 Apr 2022 16:18

Tgt Ion:264 Resp: 205887
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 20.2 15.1 22.7

