

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053262.D
 Acq On : 22 Apr 2022 15:39
 Operator : CG/JU
 Sample : N2487-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-S

Quant Time: Apr 24 01:15:26 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	23505	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	98125	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	76215	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	195948	20.000	ng	0.00
76) Chrysene-d12	21.760	240	203744	20.000	ng	0.00
86) Perylene-d12	25.061	264	206309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	223383	162.910	ng	0.00
7) Phenol-d6	7.273	99	325522	153.944	ng	0.00
23) Nitrobenzene-d5	9.271	82	228895	94.715	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	186389	153.717	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	495316	89.614	ng	0.00
79) Terphenyl-d14	20.080	244	989124	81.992	ng	0.00

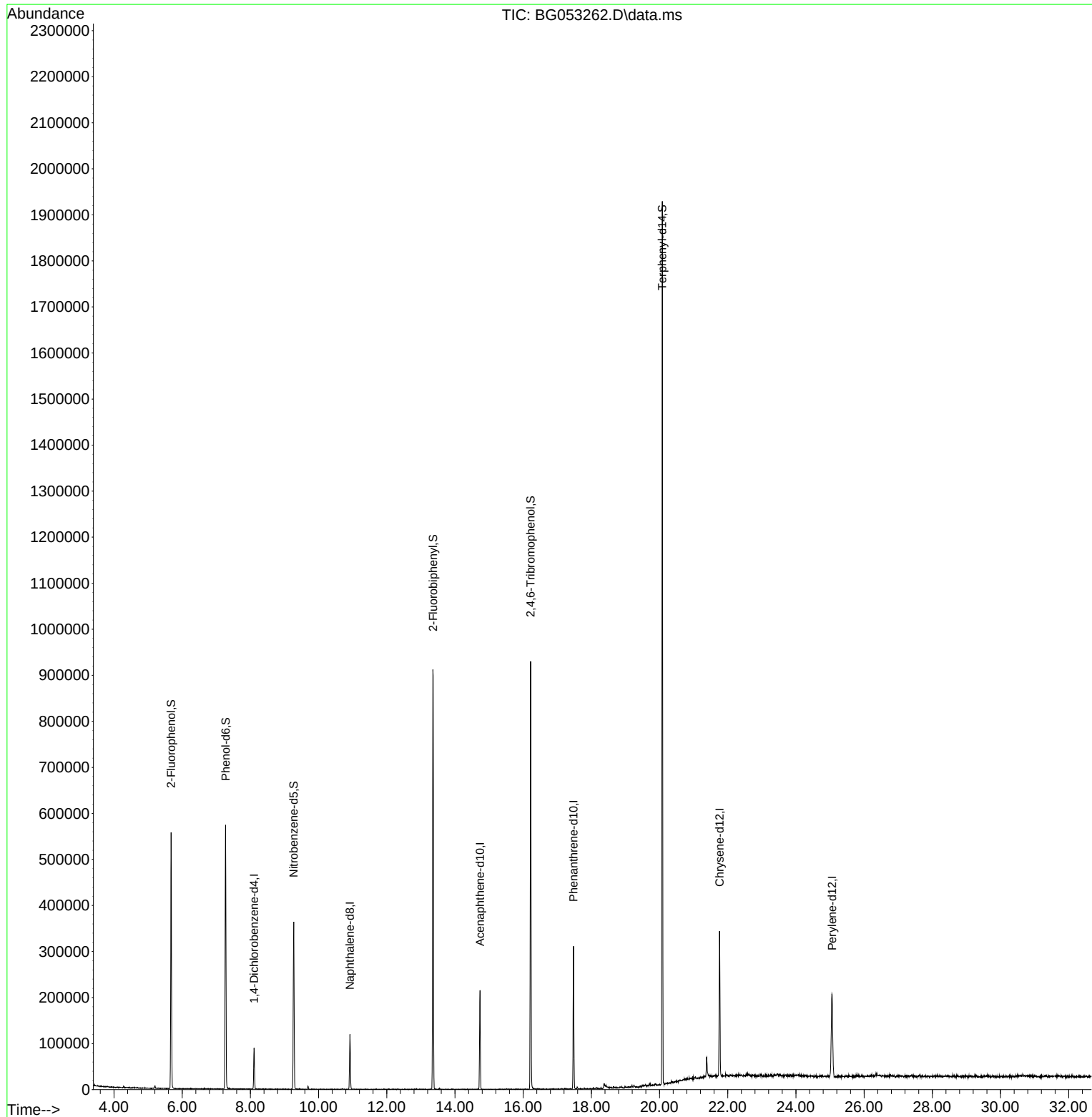
Target Compounds	Qvalue

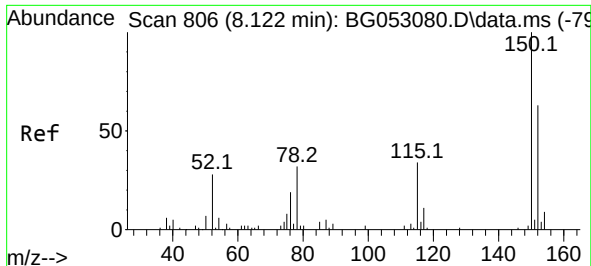
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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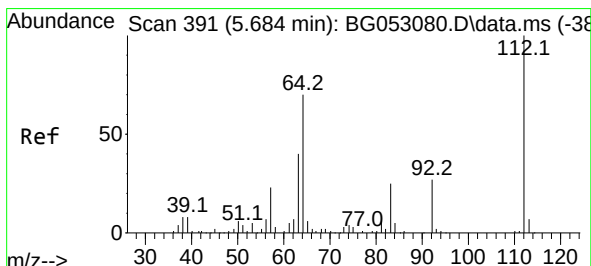
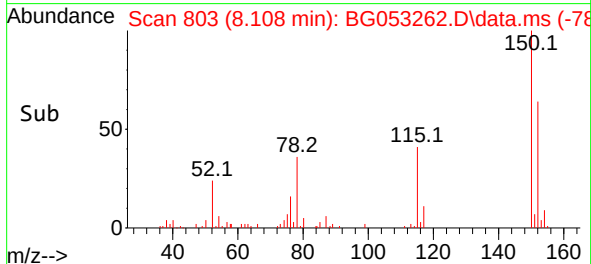
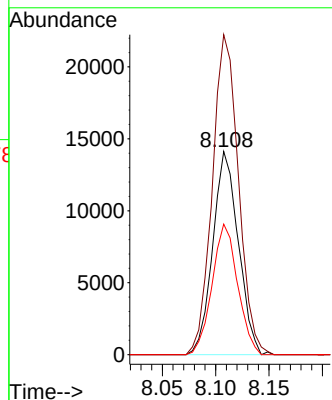
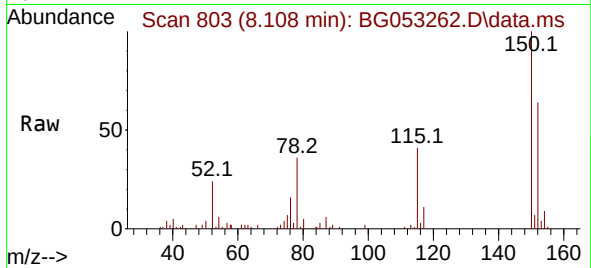




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

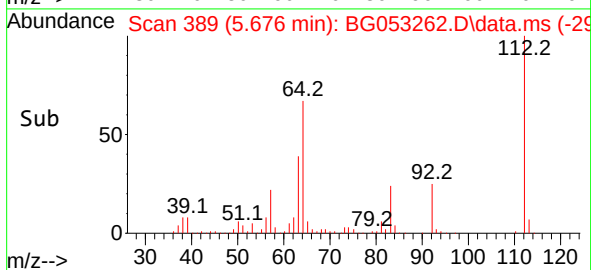
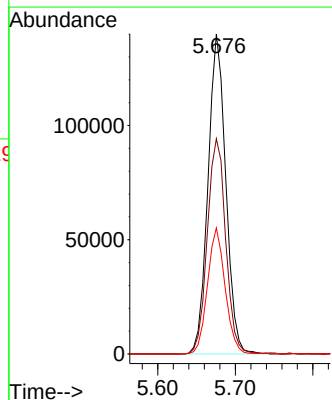
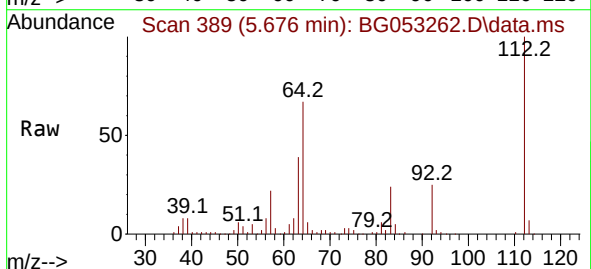
Instrument :
BNA_G
ClientSampleId :
UST-1-S

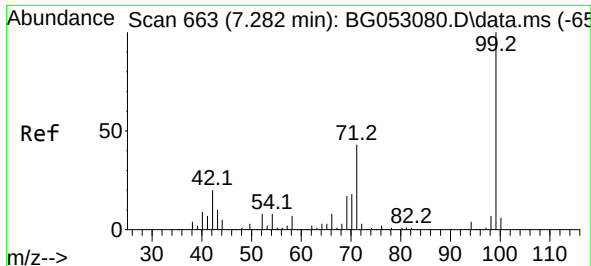
Tgt Ion:152 Resp: 23505
Ion Ratio Lower Upper
152 100
150 157.4 114.6 172.0
115 64.2 45.9 68.9



#5
2-Fluorophenol
Concen: 162.910 ng
RT: 5.676 min Scan# 389
Delta R.T. -0.000 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:112 Resp: 223383
Ion Ratio Lower Upper
112 100
64 67.2 48.0 72.0
63 39.4 26.5 39.7

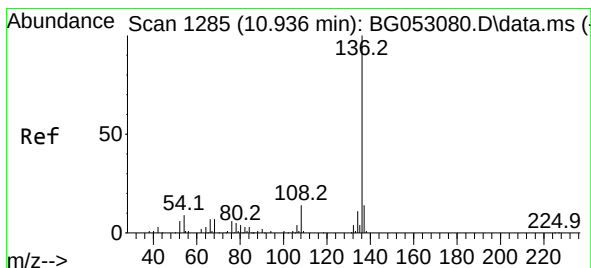
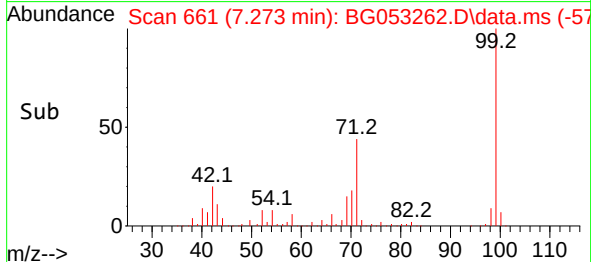
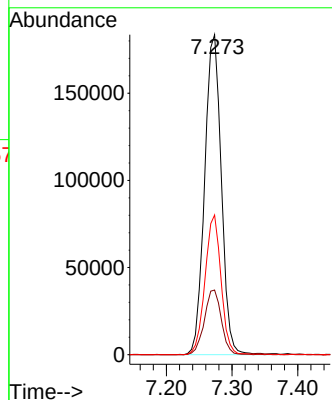
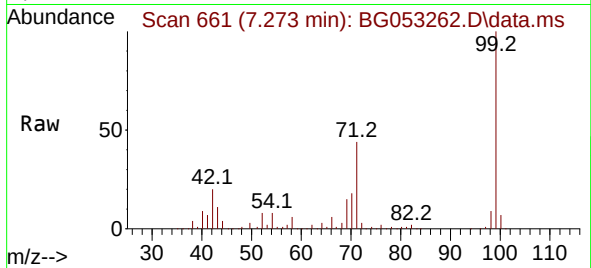




#7
Phenol-d6
Concen: 153.944 ng
RT: 7.273 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

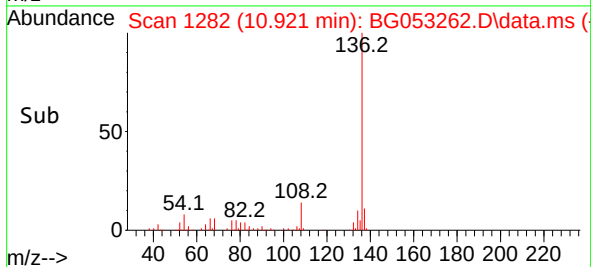
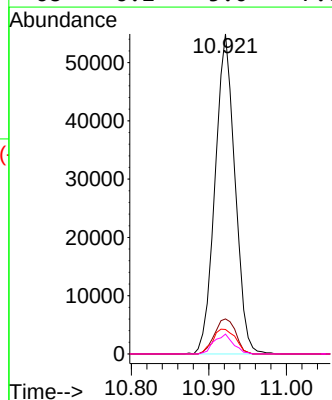
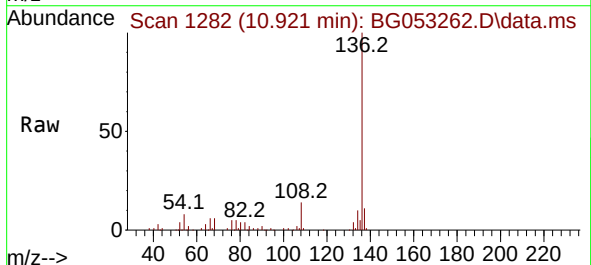
Instrument :
BNA_G
ClientSampleId :
UST-1-S

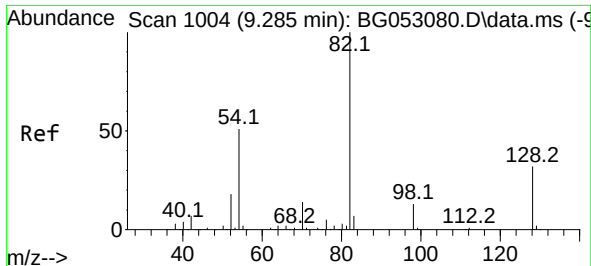
Tgt Ion: 99 Resp: 325522
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 43.7 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.921 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion: 136 Resp: 98125
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.2
54 7.7 6.4 9.6
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 94.715 ng

RT: 9.271 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BG053262.D

Acq: 22 Apr 2022 15:39

Instrument :

BNA_G

ClientSampleId :

UST-1-S

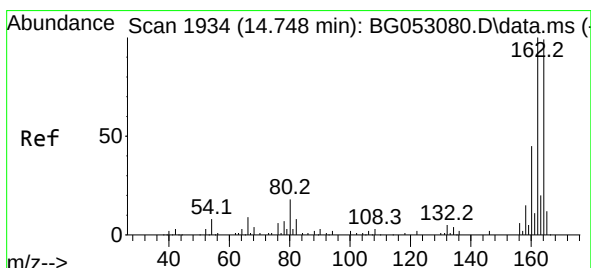
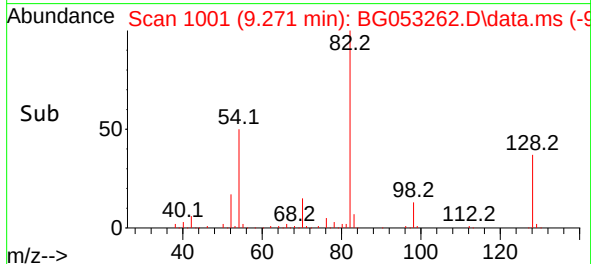
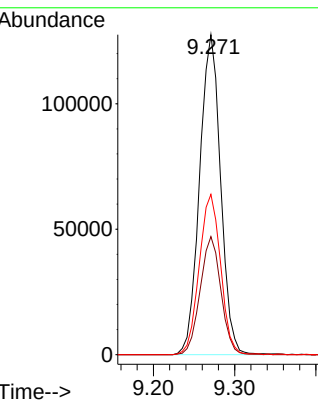
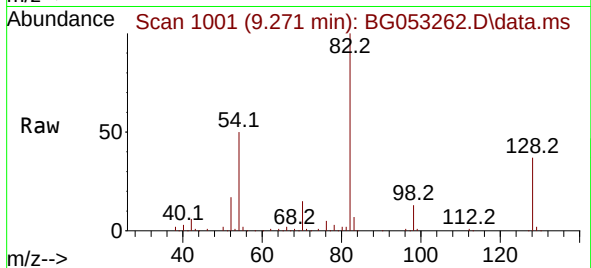
Tgt Ion: 82 Resp: 228895

Ion Ratio Lower Upper

82 100

128 36.9 31.3 46.9

54 50.1 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: BG053262.D

Acq: 22 Apr 2022 15:39

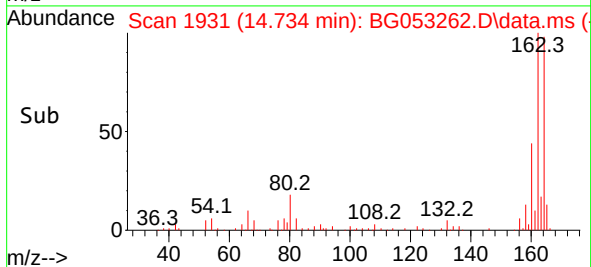
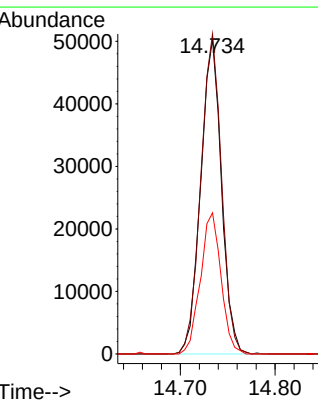
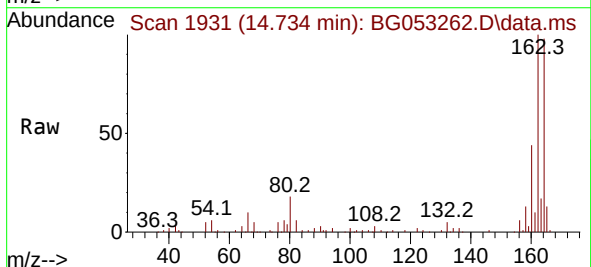
Tgt Ion:164 Resp: 76215

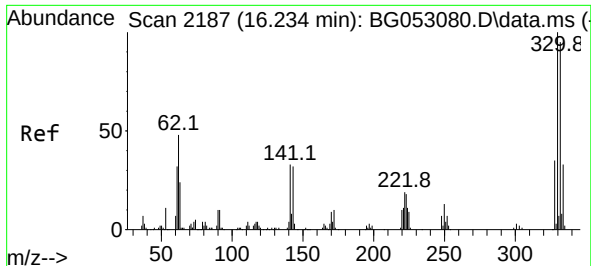
Ion Ratio Lower Upper

164 100

162 101.7 80.0 120.0

160 44.8 38.8 58.2

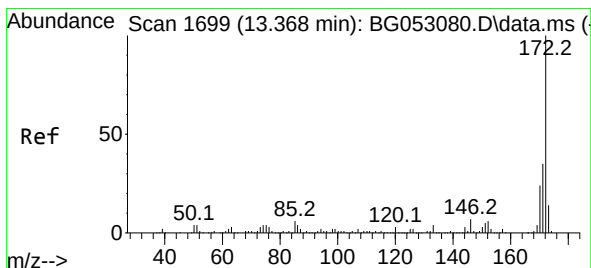
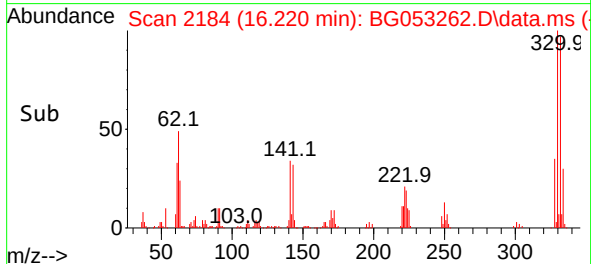
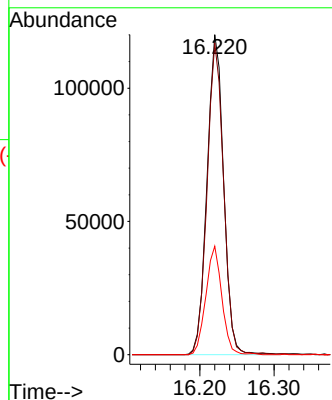
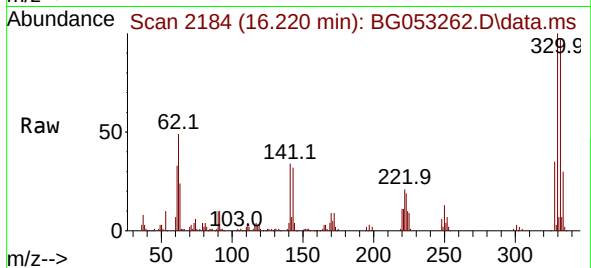




#42
2,4,6-Tribromophenol
Concen: 153.717 ng
RT: 16.220 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

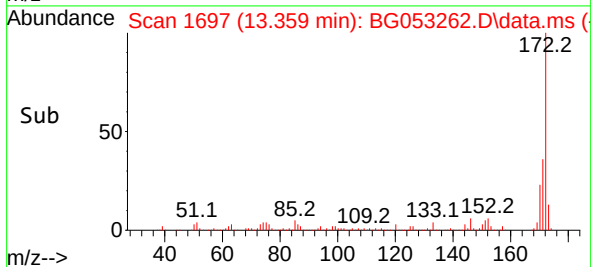
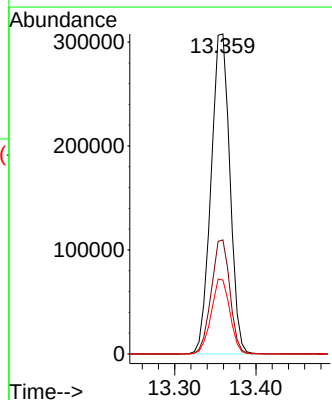
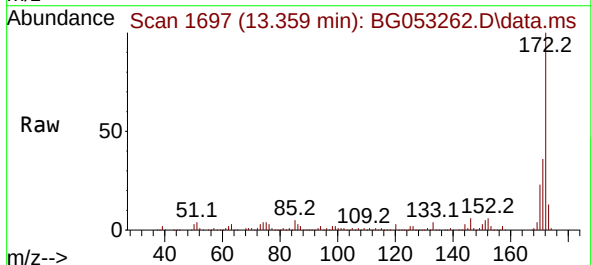
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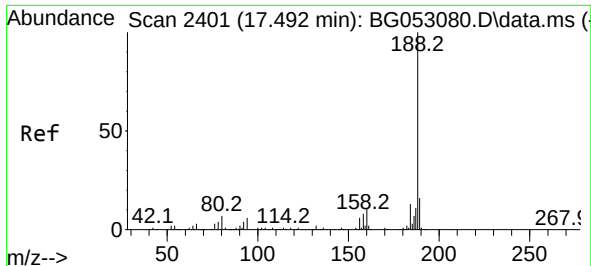
Tgt Ion:330 Resp: 186389
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 32.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 89.614 ng
RT: 13.359 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:172 Resp: 495316
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.1 18.0 27.0

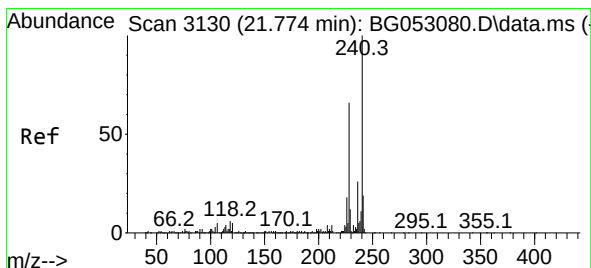
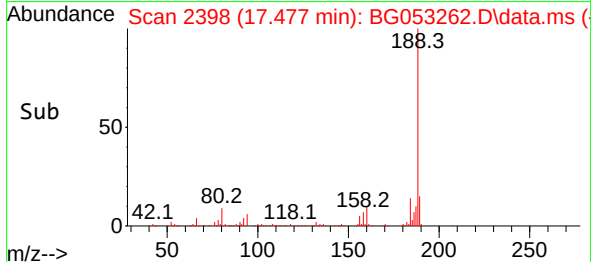
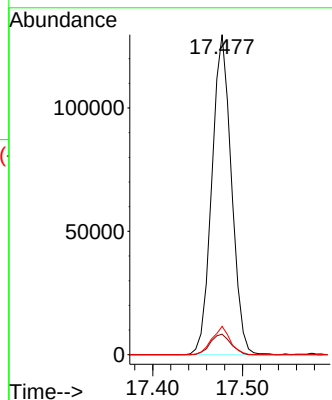
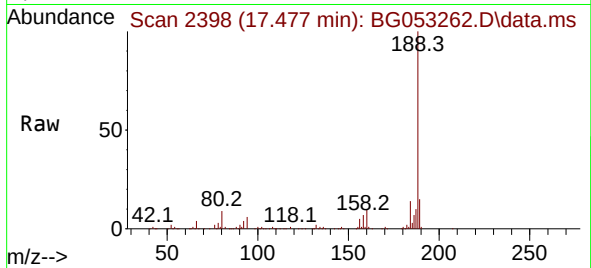




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

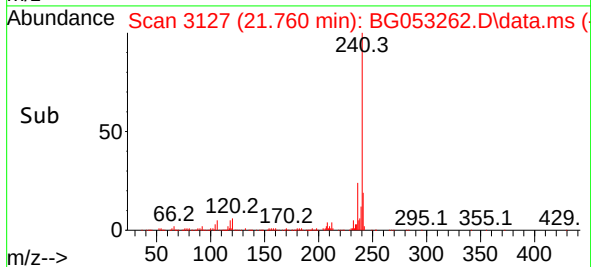
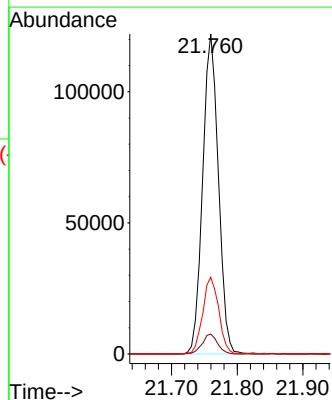
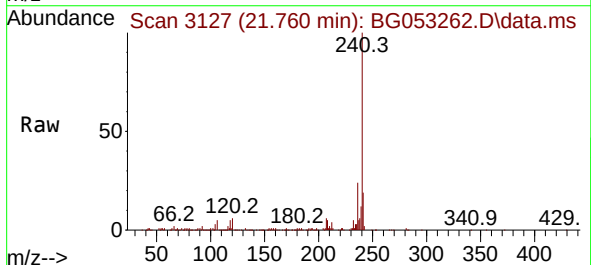
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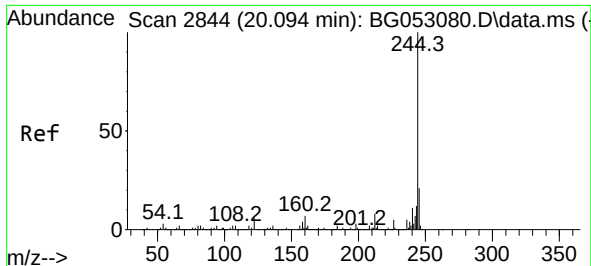
Tgt Ion:188 Resp: 195948
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 8.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:240 Resp: 203744
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 24.0 19.8 29.6

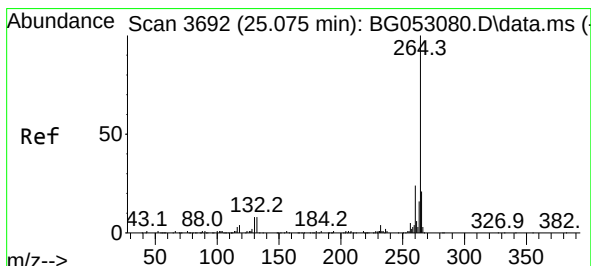
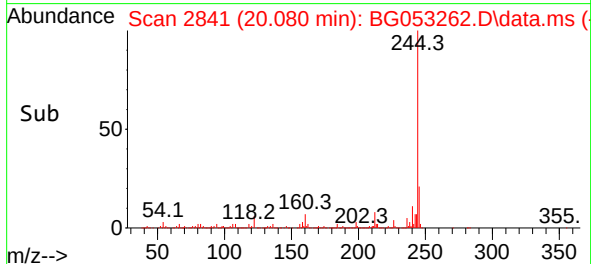
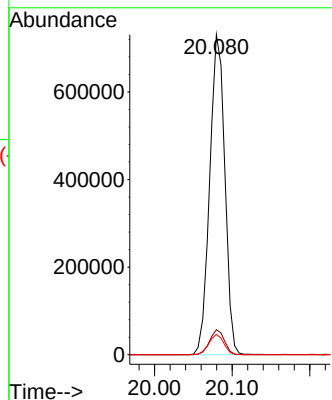
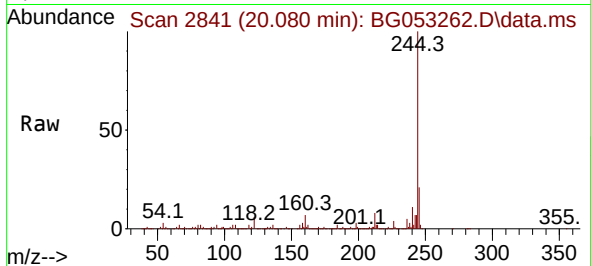




#79
 Terphenyl-d14
 Concen: 81.992 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053262.D
 Acq: 22 Apr 2022 15:39

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-S

Tgt Ion:244 Resp: 989124
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 3689
 Delta R.T. -0.000 min
 Lab File: BG053262.D
 Acq: 22 Apr 2022 15:39

Tgt Ion:264 Resp: 206309
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.0 15.1 22.7

