

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
 Data File : BG053143.D
 Acq On : 13 Apr 2022 18:04
 Operator : CG/JU
 Sample : N2354-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-01-R

Quant Time: Apr 14 02:57:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	32104	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	133670	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	100445	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	231117	20.000	ng	0.00
76) Chrysene-d12	21.770	240	246825	20.000	ng	# 0.00
86) Perylene-d12	25.065	264	263576	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	121917	65.097	ng	0.00
7) Phenol-d6	7.277	99	109794	38.016	ng	0.00
23) Nitrobenzene-d5	9.281	82	283524	86.123	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	219905	137.609	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	640492	87.926	ng	0.00
79) Terphenyl-d14	20.089	244	1136104	77.738	ng	0.00

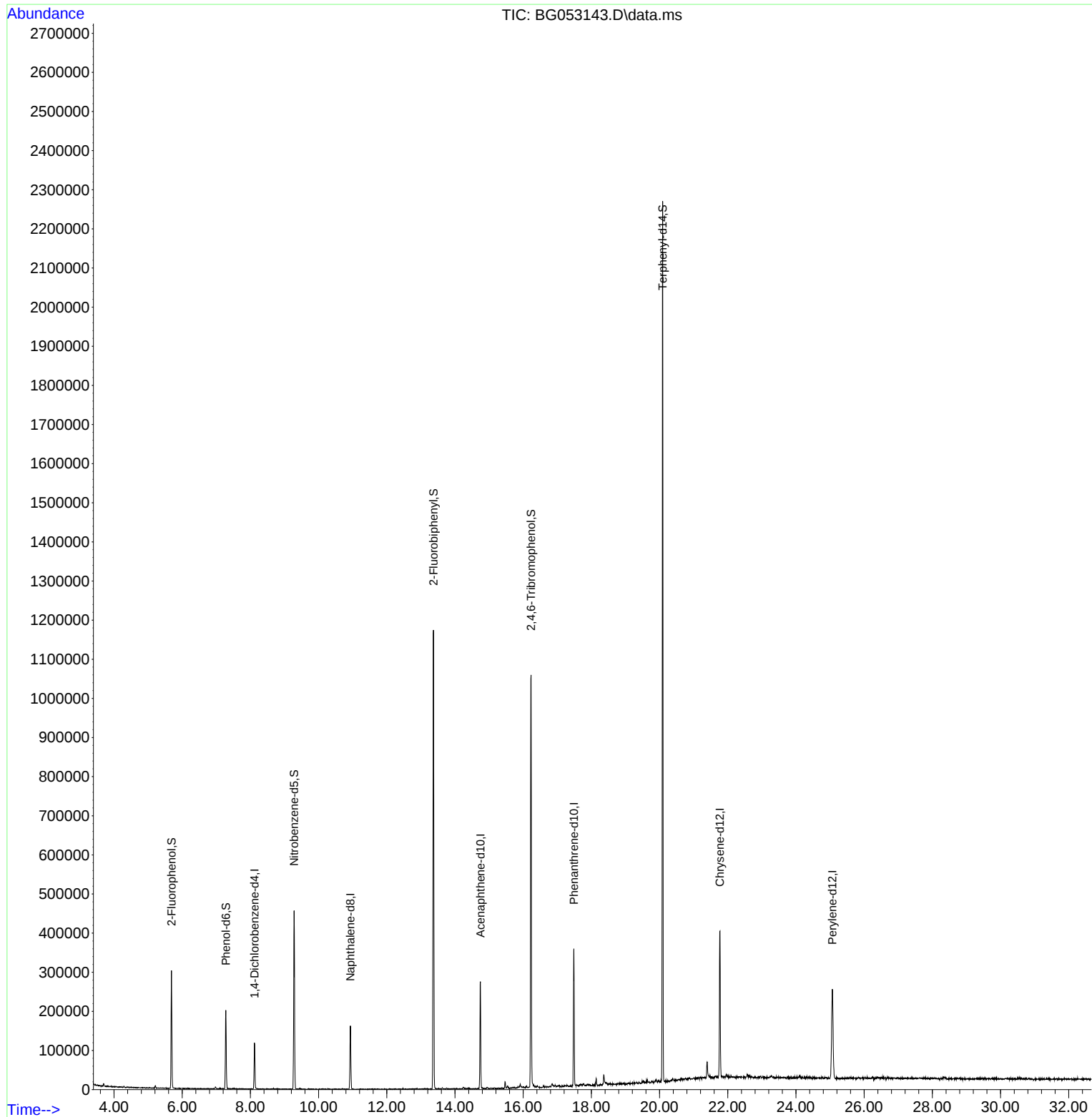
Target Compounds	Qvalue

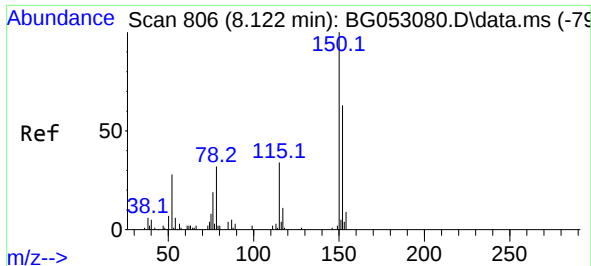
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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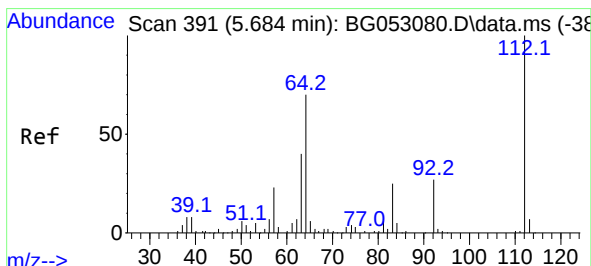
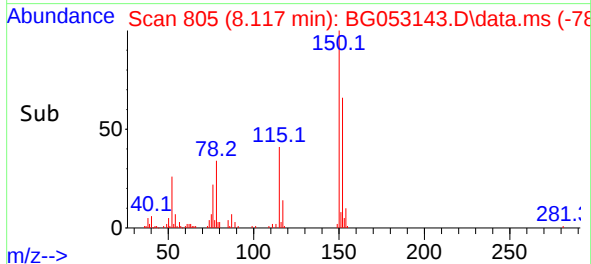
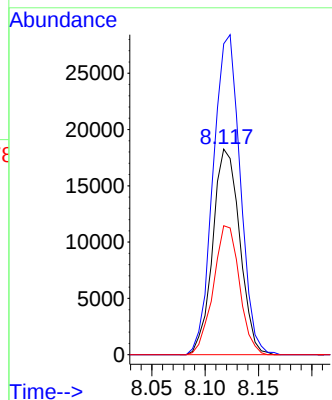
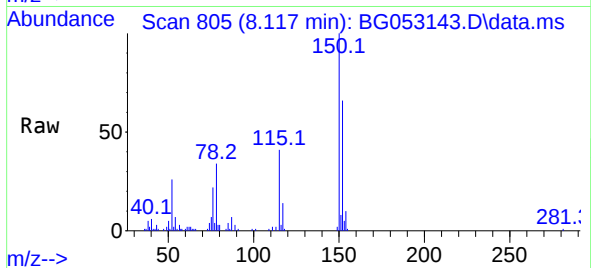




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053143.D
Acq: 13 Apr 2022 18:04

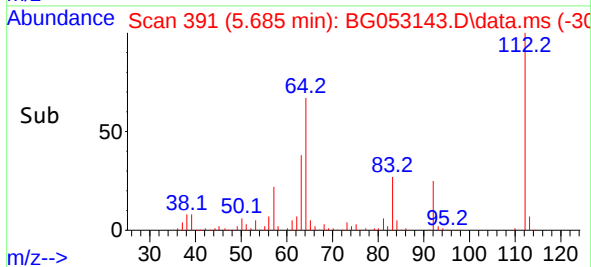
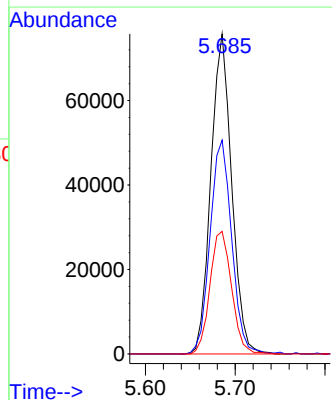
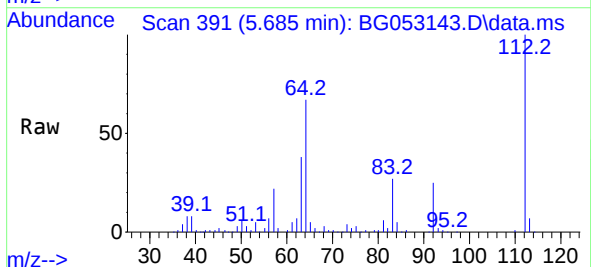
Instrument :
BNA_G
ClientSampleId :
TW-01-R

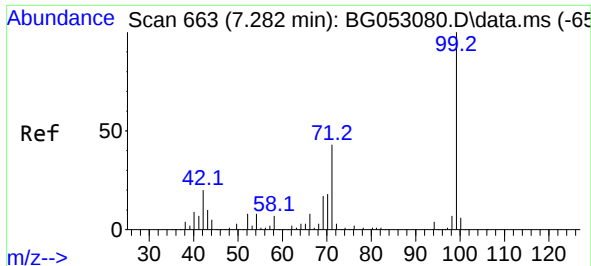
Tgt Ion:152 Resp: 32104
Ion Ratio Lower Upper
152 100
150 151.2 114.6 172.0
115 62.7 45.9 68.9



#5
2-Fluorophenol
Concen: 65.097 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053143.D
Acq: 13 Apr 2022 18:04

Tgt Ion:112 Resp: 121917
Ion Ratio Lower Upper
112 100
64 66.8 48.0 72.0
63 38.3 26.5 39.7

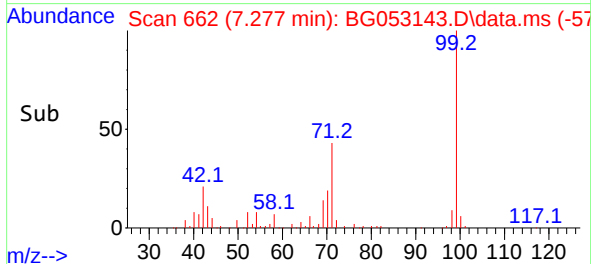
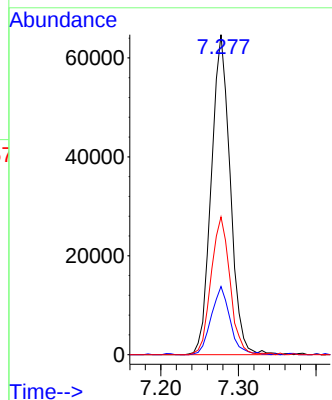
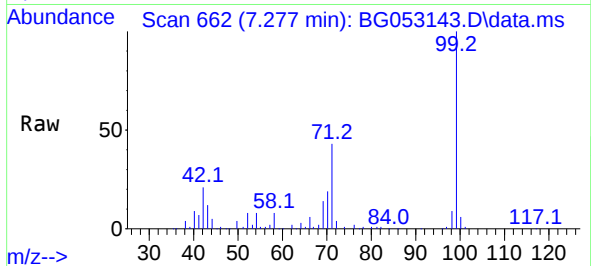




#7
Phenol-d6
Concen: 38.016 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG053143.D
Acq: 13 Apr 2022 18:04

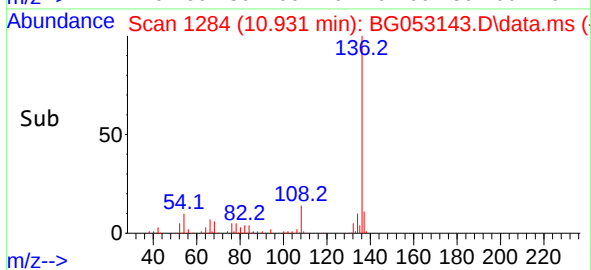
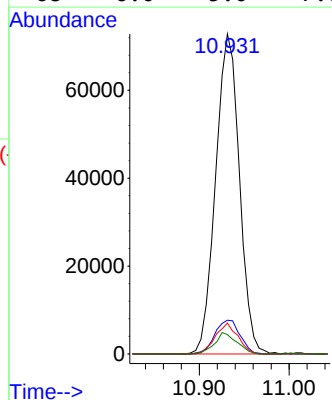
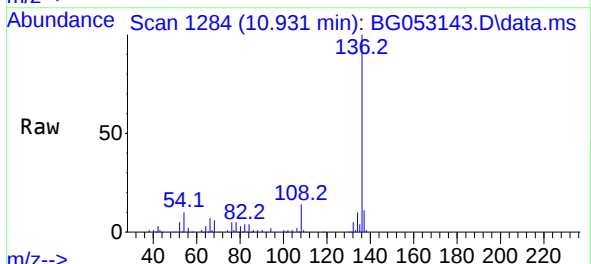
Instrument :
BNA_G
ClientSampleId :
TW-01-R

Tgt Ion: 99 Resp: 109794
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 43.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053143.D
Acq: 13 Apr 2022 18:04

Tgt Ion:136 Resp: 133670
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 9.6 6.4 9.6#
68 6.0 5.0 7.6

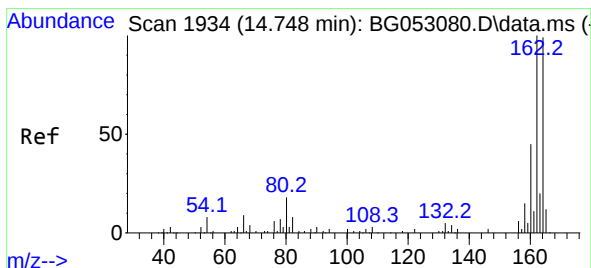
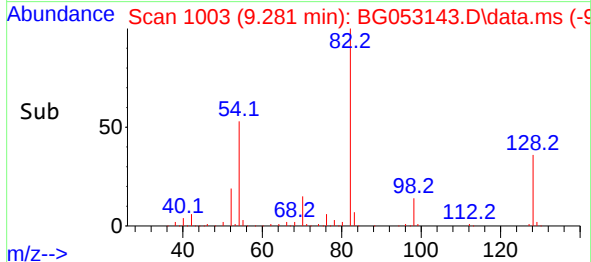
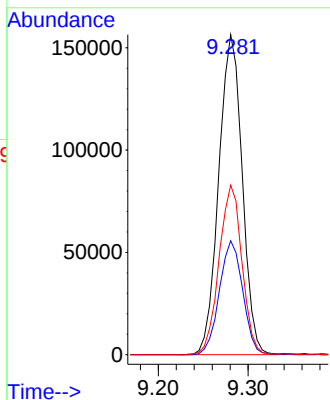
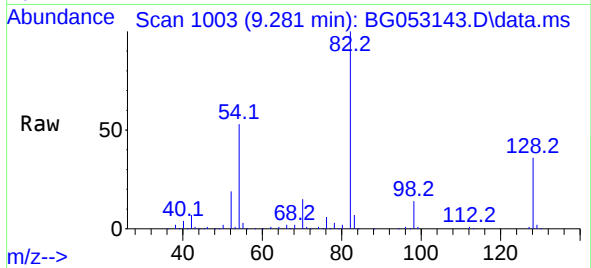




#23
Nitrobenzene-d5
Concen: 86.123 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053143.D
Acq: 13 Apr 2022 18:04

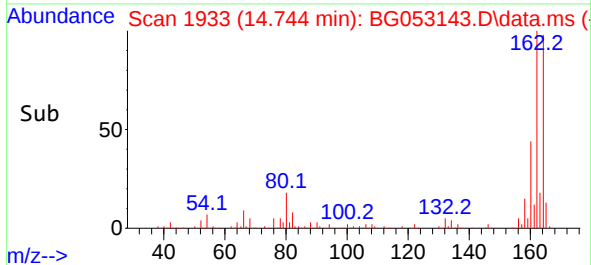
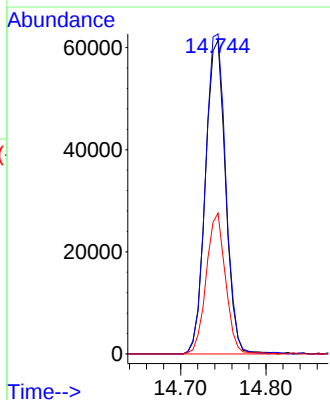
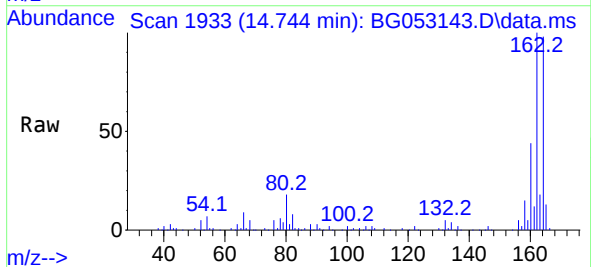
Instrument :
BNA_G
ClientSampleId :
TW-01-R

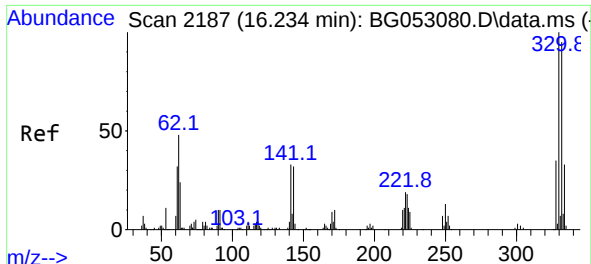
Tgt Ion: 82 Resp: 283524
Ion Ratio Lower Upper
82 100
128 35.6 31.3 46.9
54 53.0 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG053143.D
Acq: 13 Apr 2022 18:04

Tgt Ion:164 Resp: 100445
Ion Ratio Lower Upper
164 100
162 102.0 80.0 120.0
160 44.9 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 137.609 ng

RT: 16.230 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG053143.D

Acq: 13 Apr 2022 18:04

Instrument :

BNA_G

ClientSampleId :

TW-01-R

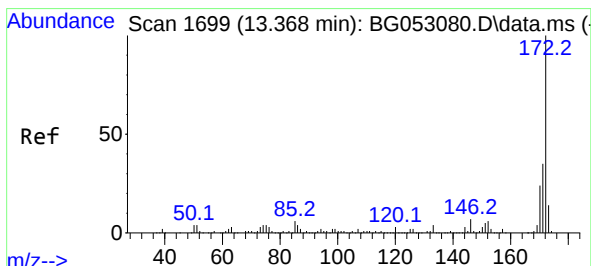
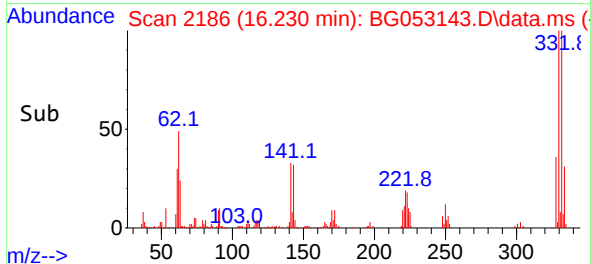
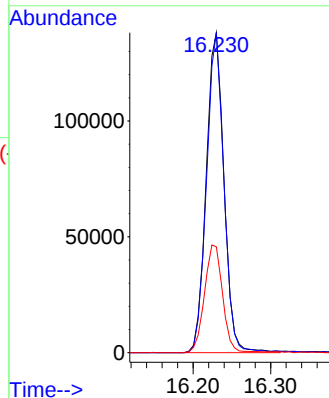
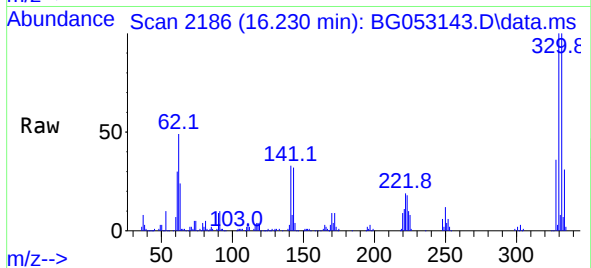
Tgt Ion:330 Resp: 219905

Ion Ratio Lower Upper

330 100

332 97.2 75.8 113.6

141 34.4 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 87.926 ng

RT: 13.369 min Scan# 1699

Delta R.T. 0.001 min

Lab File: BG053143.D

Acq: 13 Apr 2022 18:04

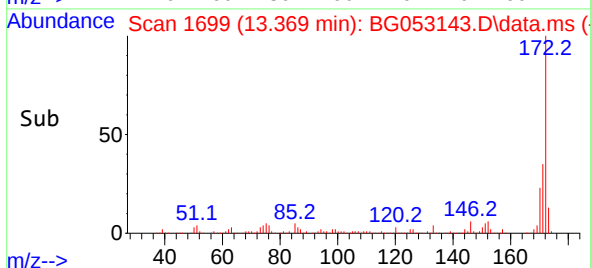
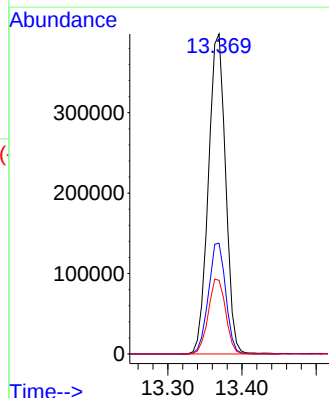
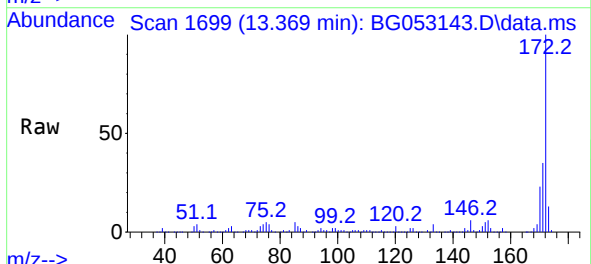
Tgt Ion:172 Resp: 640492

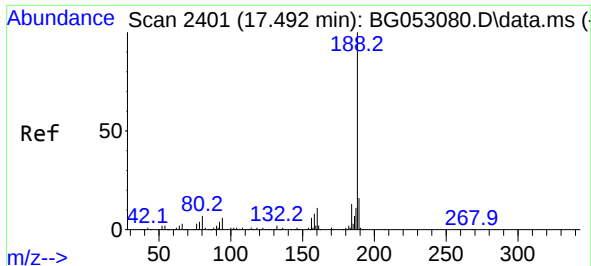
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.0 18.0 27.0

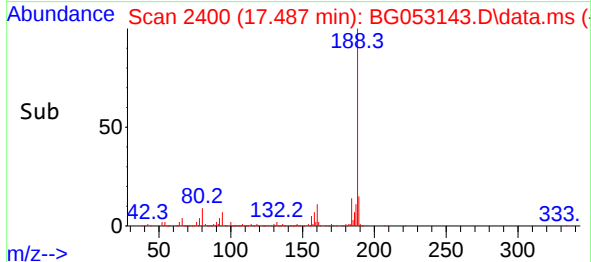
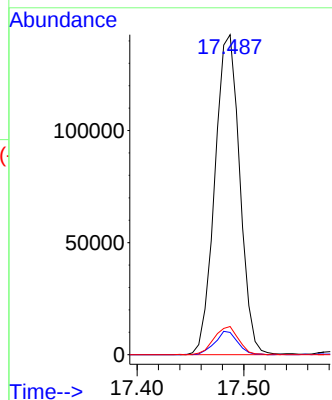
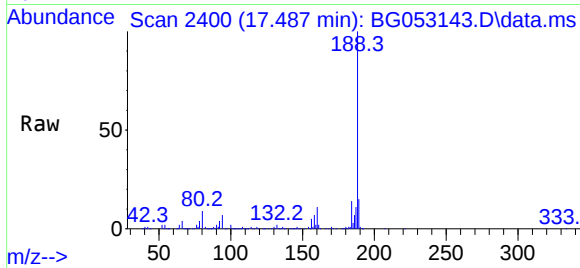




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG053143.D
Acq: 13 Apr 2022 18:04

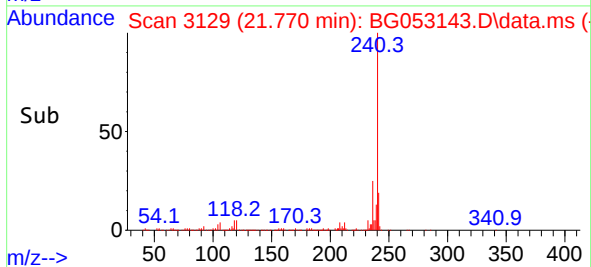
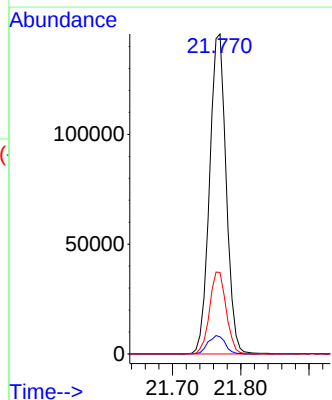
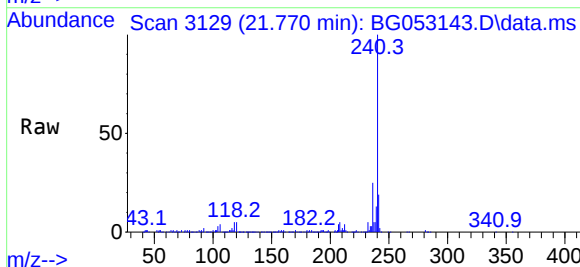
Instrument :
BNA_G
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TW-01-R

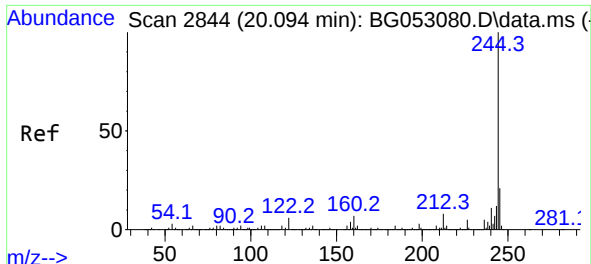
Tgt Ion:188 Resp: 231117
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BG053143.D
Acq: 13 Apr 2022 18:04

Tgt Ion:240 Resp: 246825
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0#
236 25.4 19.8 29.6

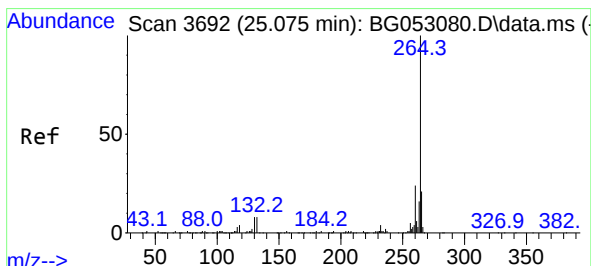
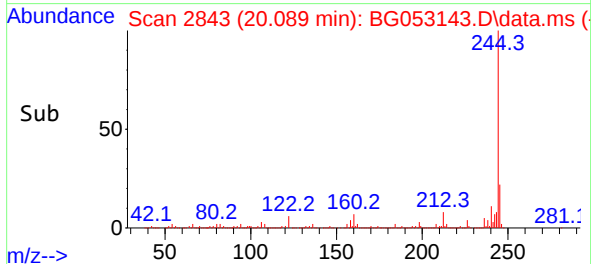
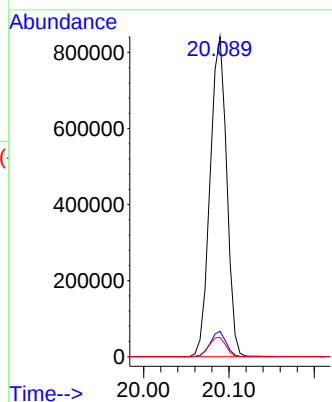
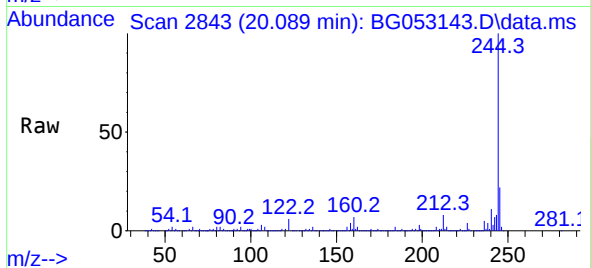




#79
 Terphenyl-d14
 Concen: 77.738 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG053143.D
 Acq: 13 Apr 2022 18:04

Instrument :
 BNA_G
 ClientSampleId :
 TW-01-R

Tgt Ion:244 Resp: 1136104
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.065 min Scan# 3690
 Delta R.T. -0.010 min
 Lab File: BG053143.D
 Acq: 13 Apr 2022 18:04

Tgt Ion:264 Resp: 263576
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.2
 265 21.7 15.1 22.7

