

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053264.D
 Acq On : 22 Apr 2022 16:57
 Operator : CG/JU
 Sample : N2487-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-PB

Quant Time: Apr 24 01:15:39 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	8.113	152	23453	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	95108	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	73438	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	188049	20.000	ng	0.00
76) Chrysene-d12	21.759	240	200205	20.000	ng	0.00
86) Perylene-d12	25.055	264	204874	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	188690	137.914	ng	0.00
7) Phenol-d6	7.273	99	275290	130.478	ng	0.00
23) Nitrobenzene-d5	9.270	82	193802	82.738	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	157669	134.948	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	422904	79.406	ng	0.00
79) Terphenyl-d14	20.079	244	892197	75.265	ng	0.00

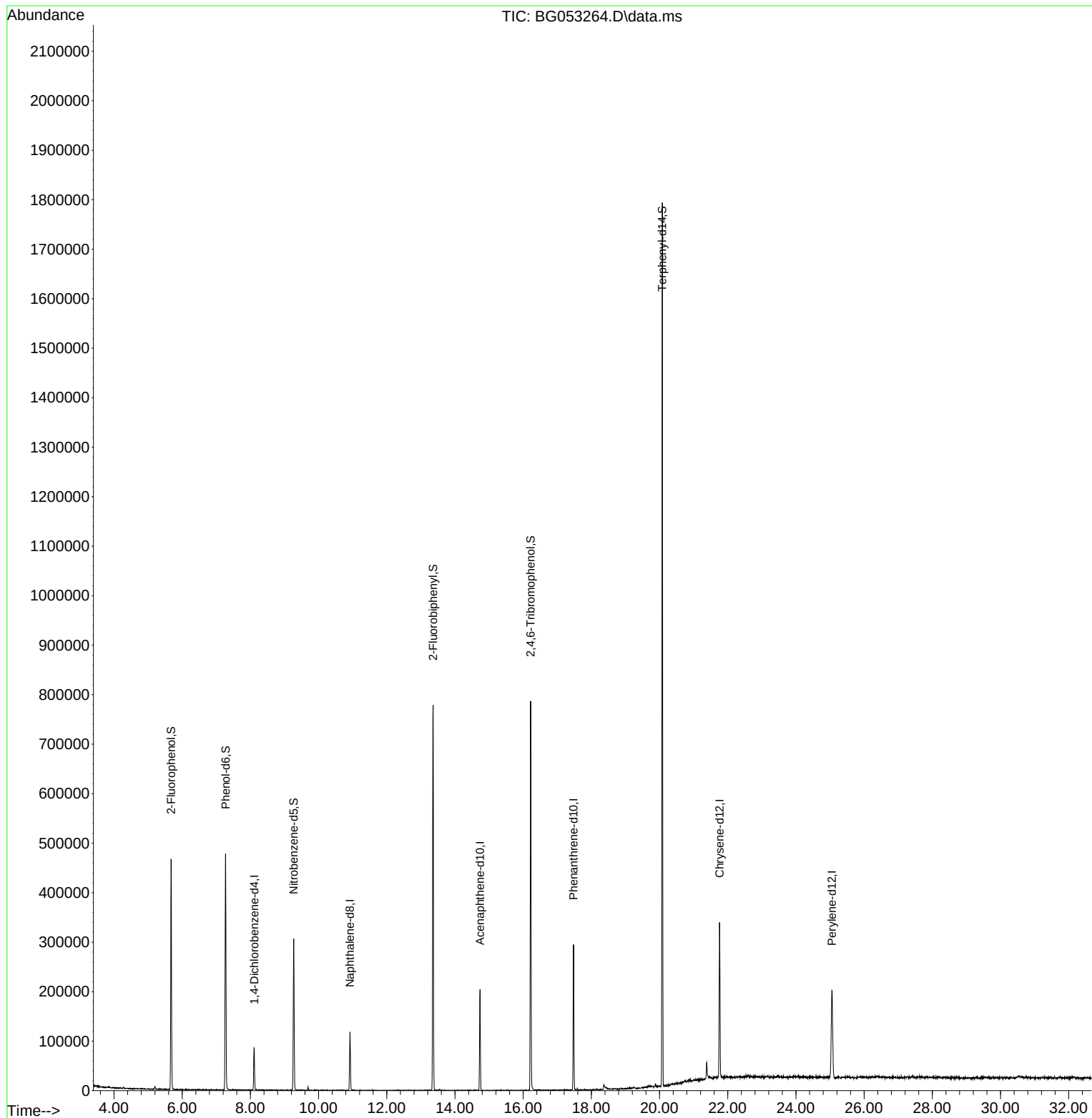
Target Compounds	Qvalue

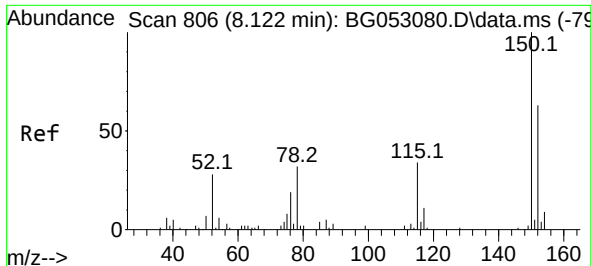
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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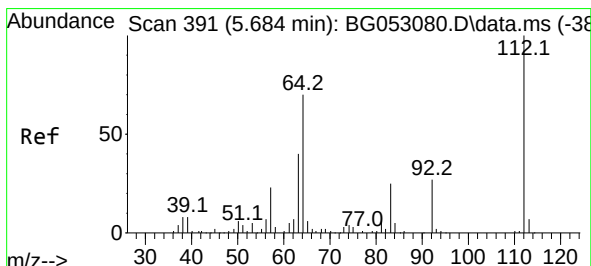
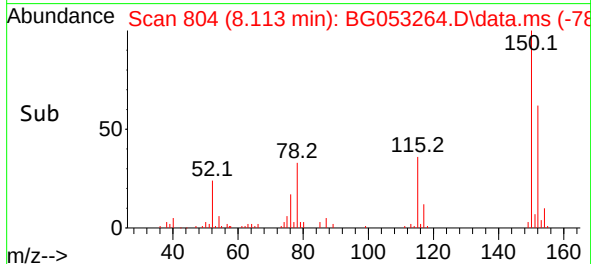
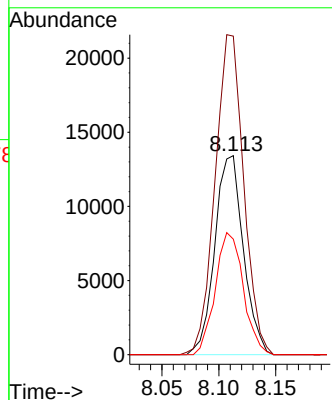
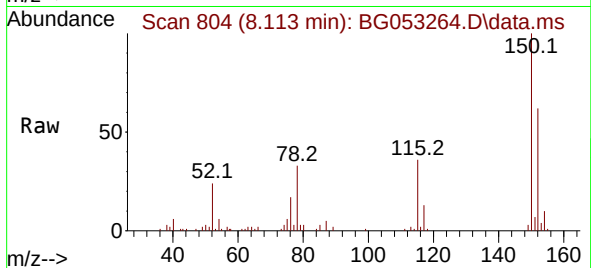




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

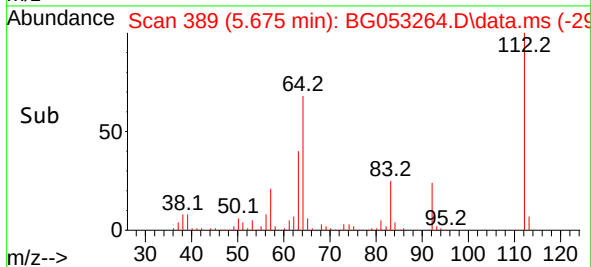
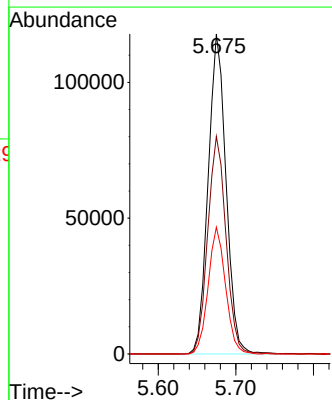
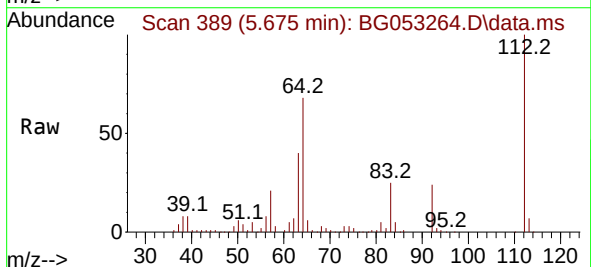
Instrument :
BNA_G
ClientSampleId :
UST-1-PB

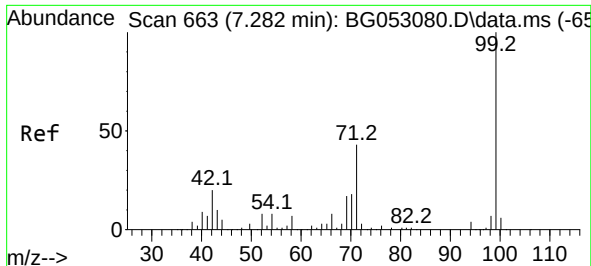
Tgt Ion:152 Resp: 23453
Ion Ratio Lower Upper
152 100
150 160.1 114.6 172.0
115 58.0 45.9 68.9



#5
2-Fluorophenol
Concen: 137.914 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion:112 Resp: 188690
Ion Ratio Lower Upper
112 100
64 68.0 48.0 72.0
63 39.6 26.5 39.7

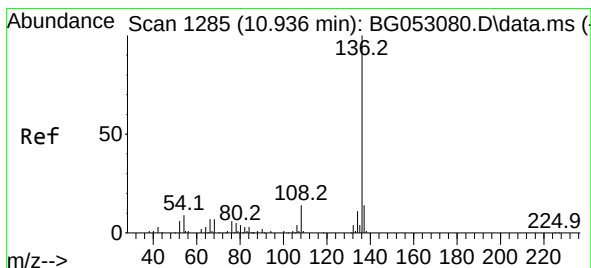
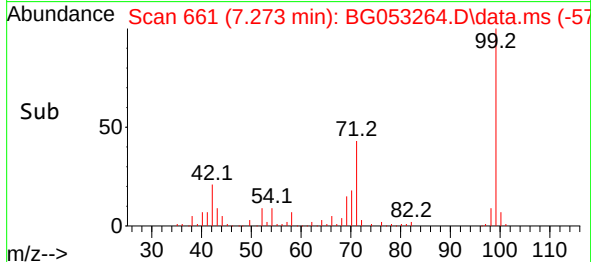
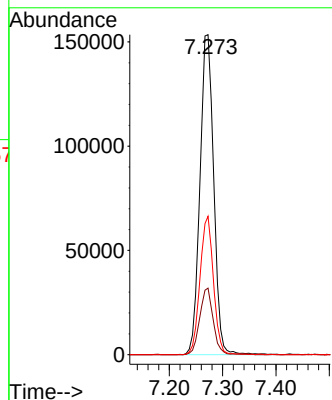
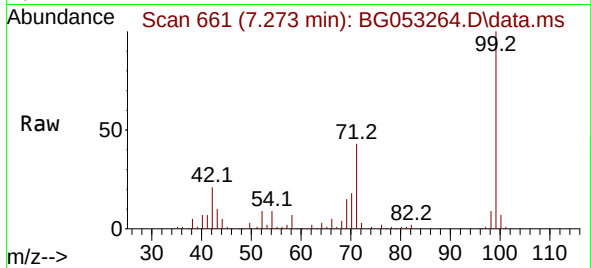




#7
Phenol-d6
Concen: 130.478 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

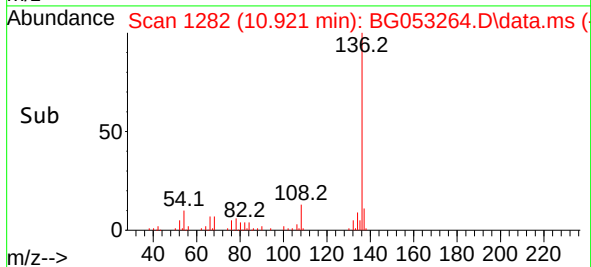
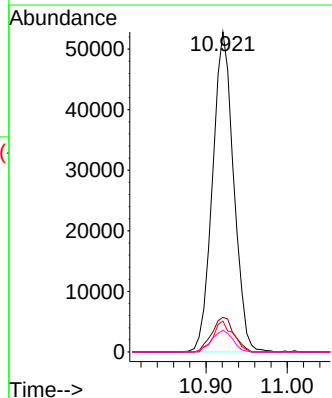
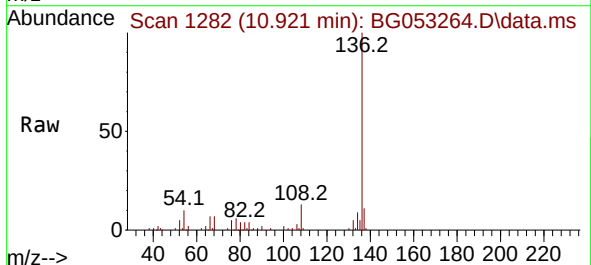
Instrument :
BNA_G
ClientSampleId :
UST-1-PB

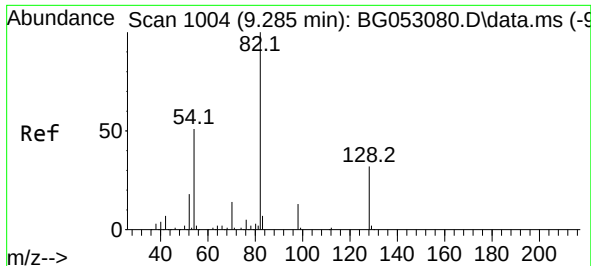
Tgt Ion: 99 Resp: 275290
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 43.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.921 min Scan# 1282
Delta R.T. -0.001 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion: 136 Resp: 95108
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 9.7 6.4 9.6#
68 6.7 5.0 7.6

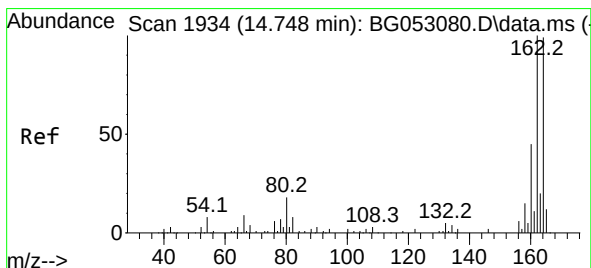
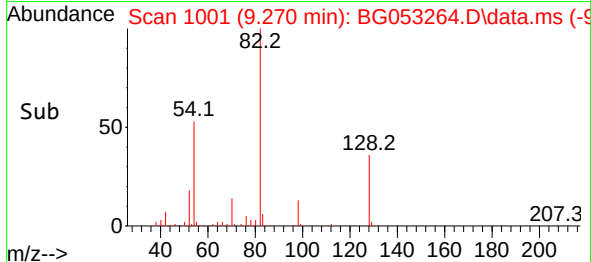
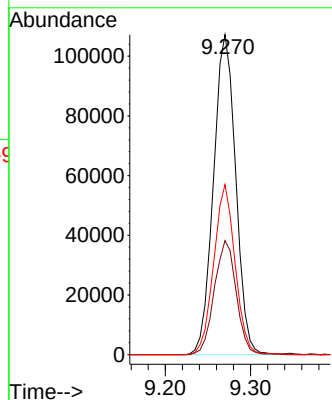
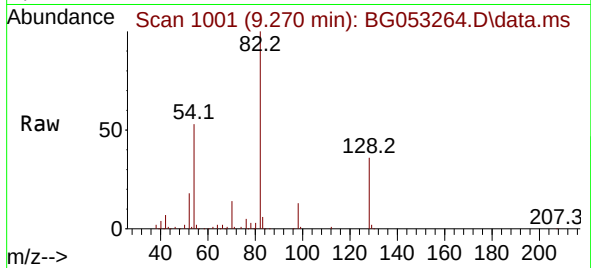




#23
Nitrobenzene-d5
Concen: 82.738 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

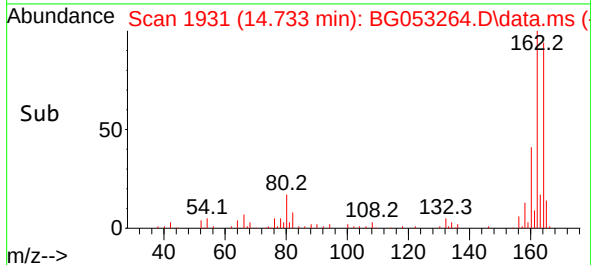
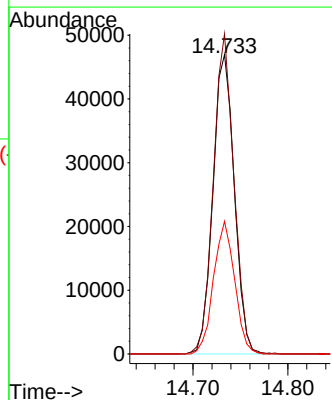
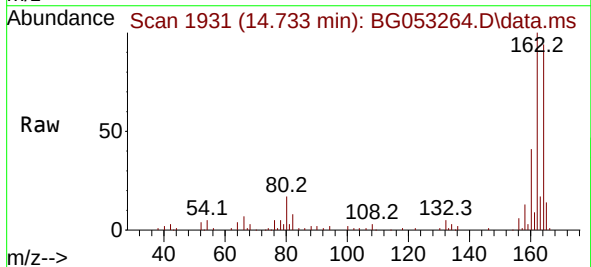
Instrument :
BNA_G
ClientSampleId :
UST-1-PB

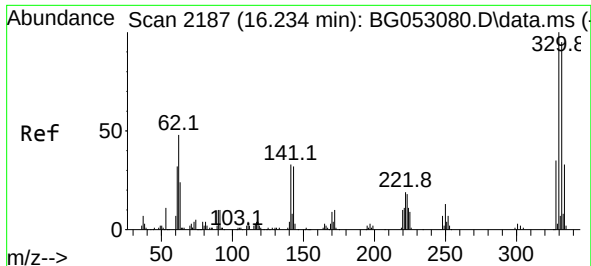
Tgt Ion: 82 Resp: 193802
Ion Ratio Lower Upper
82 100
128 35.7 31.3 46.9
54 53.2 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1931
Delta R.T. -0.001 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion:164 Resp: 73438
Ion Ratio Lower Upper
164 100
162 106.9 80.0 120.0
160 44.3 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 134.948 ng

RT: 16.219 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG053264.D

Acq: 22 Apr 2022 16:57

Instrument :

BNA_G

ClientSampleId :

UST-1-PB

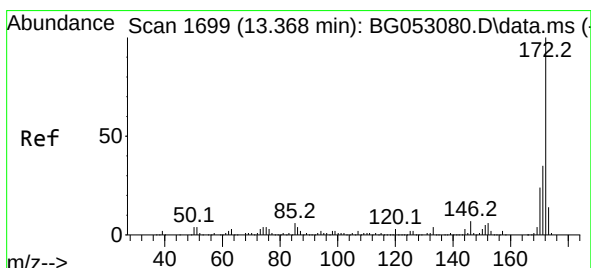
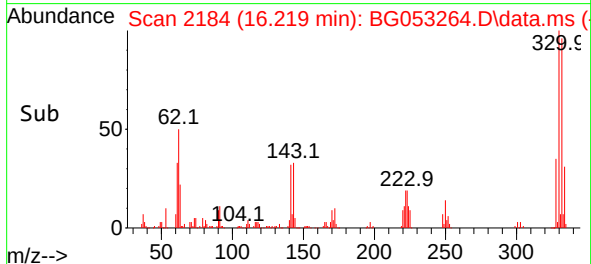
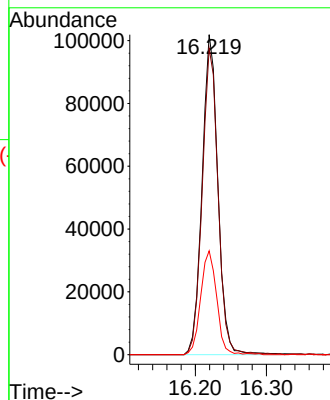
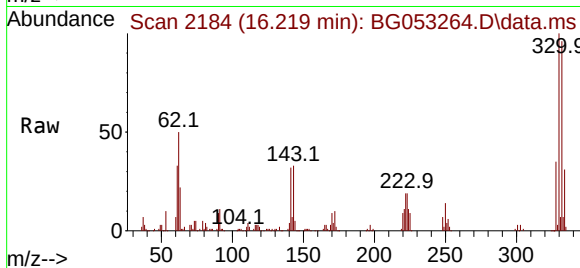
Tgt Ion:330 Resp: 157669

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.6

141 32.8 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 79.406 ng

RT: 13.359 min Scan# 1697

Delta R.T. -0.001 min

Lab File: BG053264.D

Acq: 22 Apr 2022 16:57

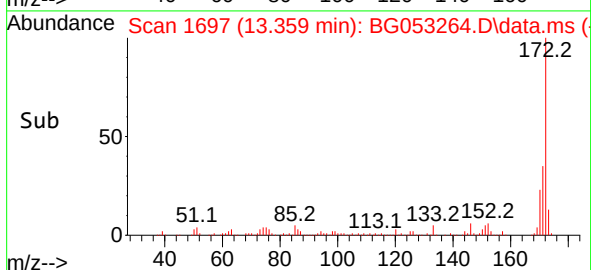
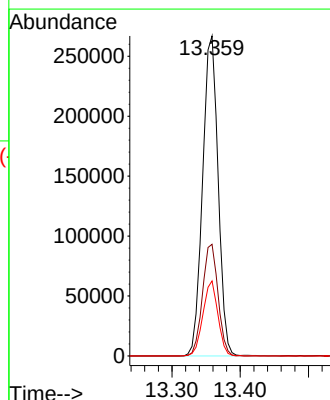
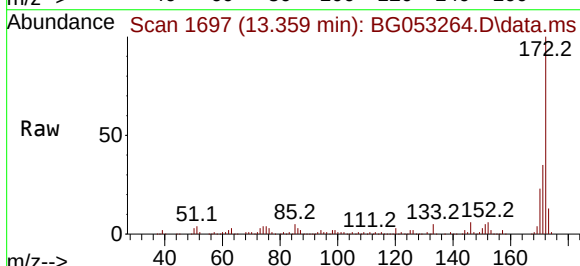
Tgt Ion:172 Resp: 422904

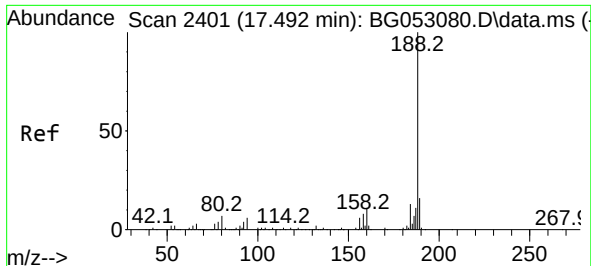
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 18.0 27.0

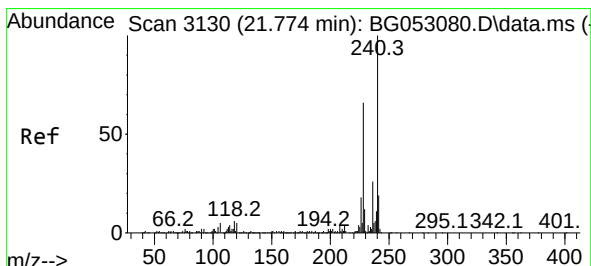
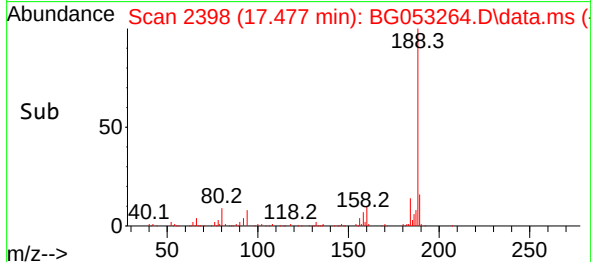
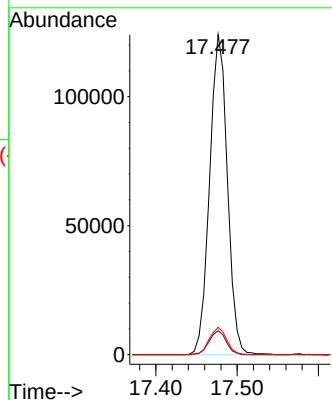
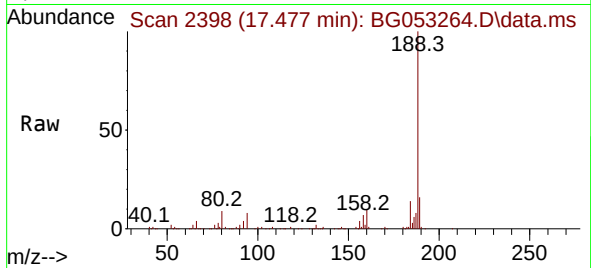




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

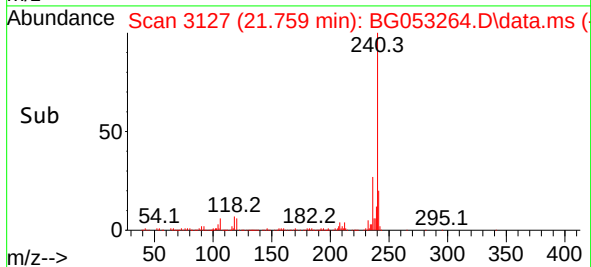
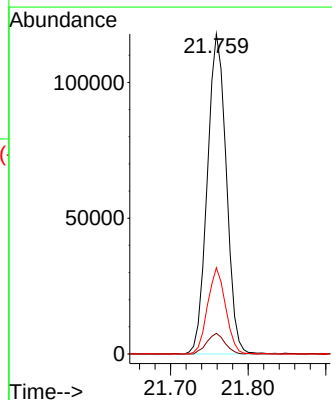
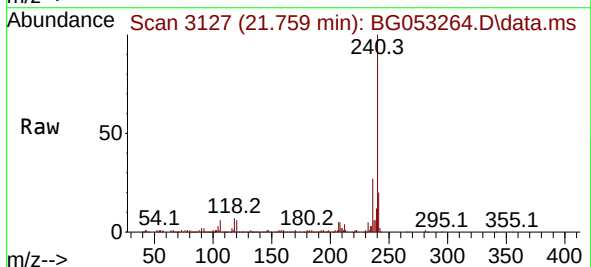
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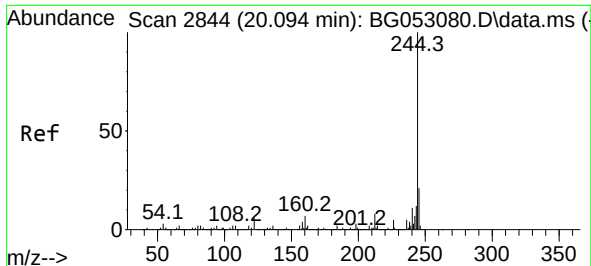
Tgt Ion:188 Resp: 188049
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion:240 Resp: 200205
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 26.9 19.8 29.6

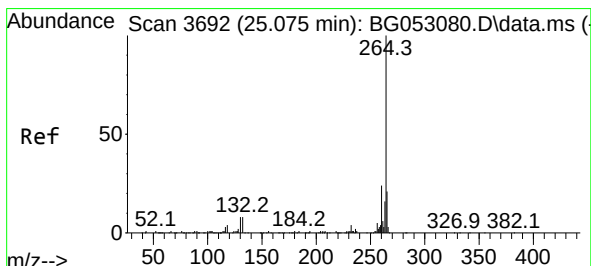
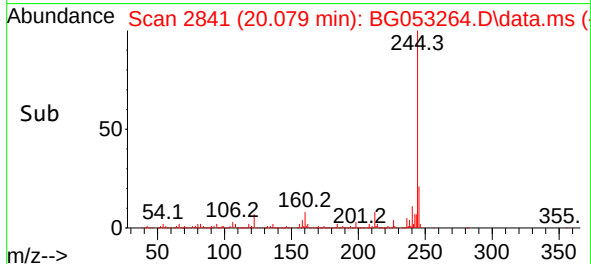
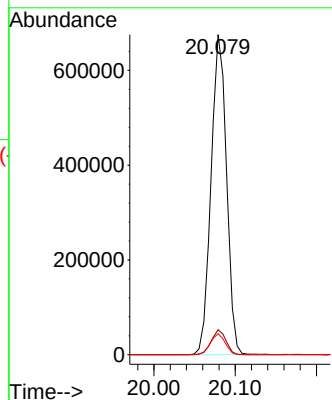
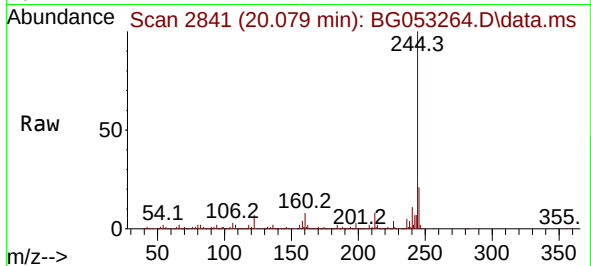




#79
 Terphenyl-d14
 Concen: 75.265 ng
 RT: 20.079 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG053264.D
 Acq: 22 Apr 2022 16:57

Instrument :
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 ClientSampleId :
 UST-1-PB

Tgt Ion:244 Resp: 892197
 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. -0.007 min
 Lab File: BG053264.D
 Acq: 22 Apr 2022 16:57

Tgt Ion:264 Resp: 204874
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 22.9 15.1 22.7#

