

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053282.D
 Acq On : 23 Apr 2022 4:38
 Operator : CG/JU
 Sample : N2487-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-N

Quant Time: Apr 24 01:17:58 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	8.110	152	21962	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	93622	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	75241	20.000	ng	# 0.00
64) Phenanthrene-d10	17.474	188	200256	20.000	ng	0.00
76) Chrysene-d12	21.757	240	208833	20.000	ng	0.00
86) Perylene-d12	25.052	264	215996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	87717	68.465	ng	0.00
7) Phenol-d6	7.264	99	81172	41.084	ng	0.00
23) Nitrobenzene-d5	9.268	82	224491	97.361	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	181641	151.740	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	506055	92.742	ng	0.00
79) Terphenyl-d14	20.077	244	977600	79.062	ng	0.00

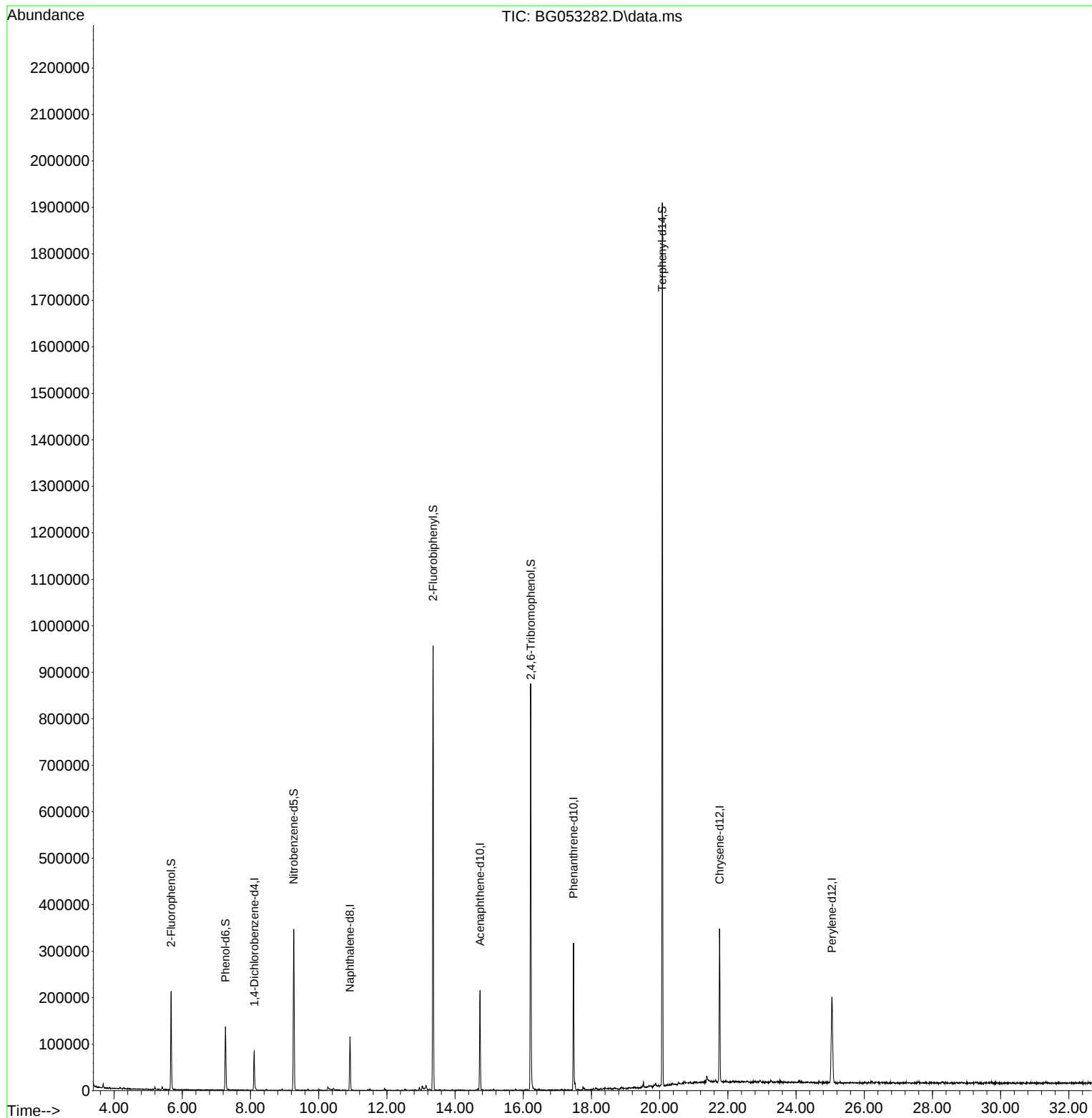
Target Compounds	Qvalue

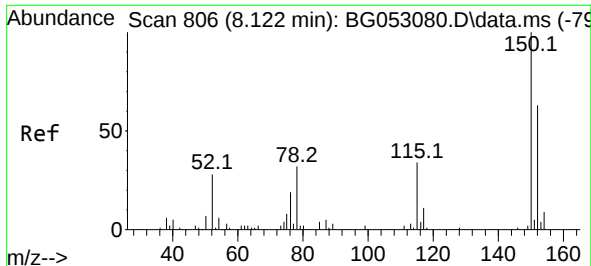
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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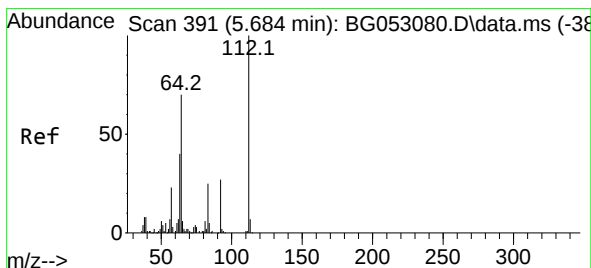
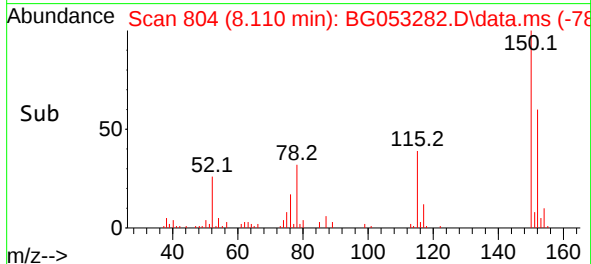
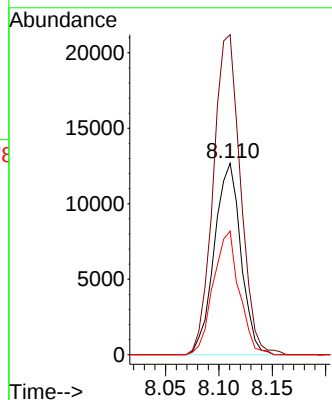
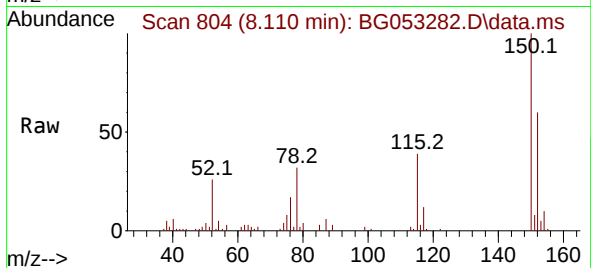




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

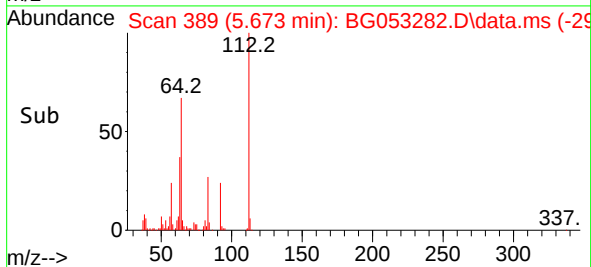
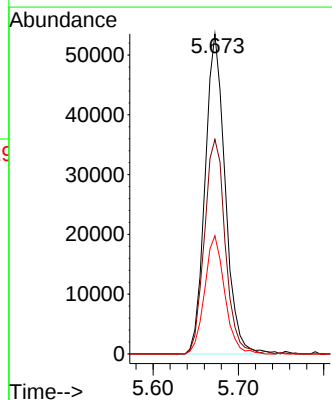
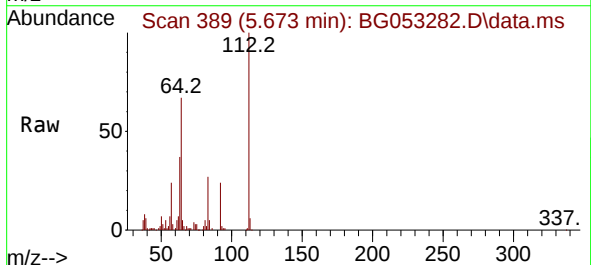
Instrument :
BNA_G
ClientSampleId :
UST-1-N

Tgt Ion:152 Resp: 21962
Ion Ratio Lower Upper
152 100
150 167.2 114.6 172.0
115 64.5 45.9 68.9



#5
2-Fluorophenol
Concen: 68.465 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion:112 Resp: 87717
Ion Ratio Lower Upper
112 100
64 67.0 48.0 72.0
63 36.9 26.5 39.7

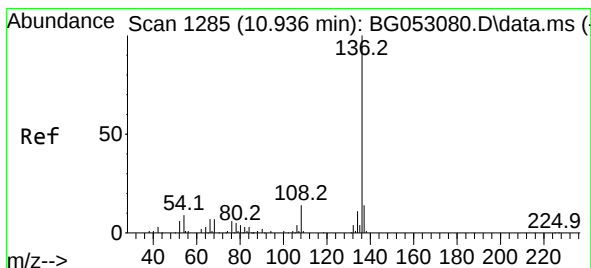
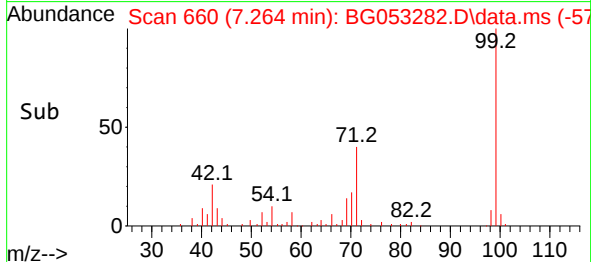
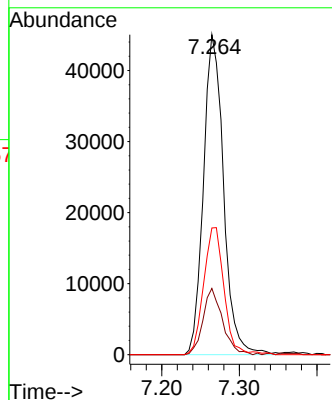
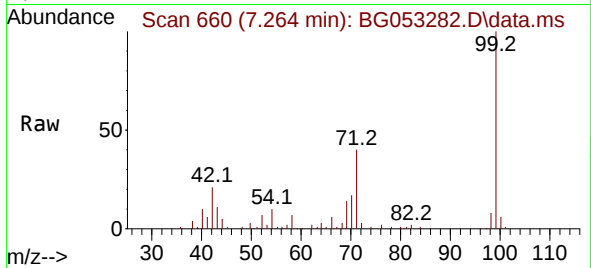




#7
Phenol-d6
Concen: 41.084 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

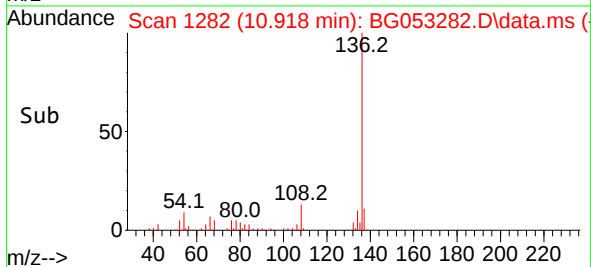
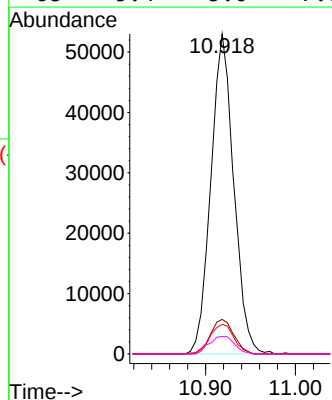
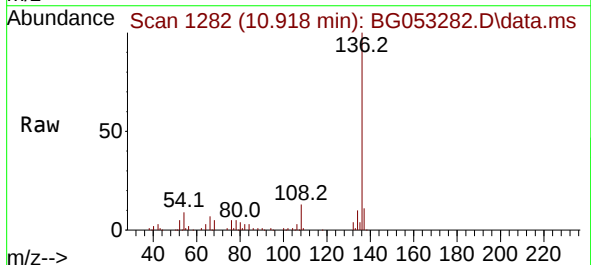
Instrument :
BNA_G
ClientSampleId :
UST-1-N

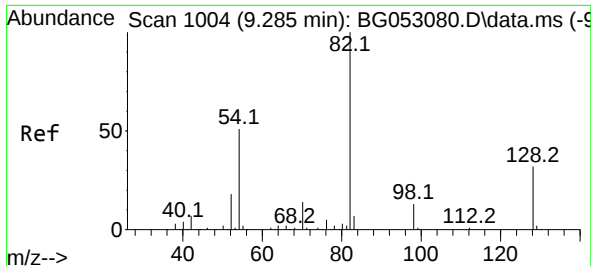
Tgt Ion: 99 Resp: 81172
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 39.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion: 136 Resp: 93622
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 9.3 6.4 9.6
68 5.4 5.0 7.6

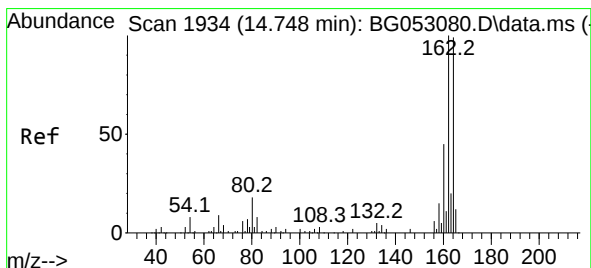
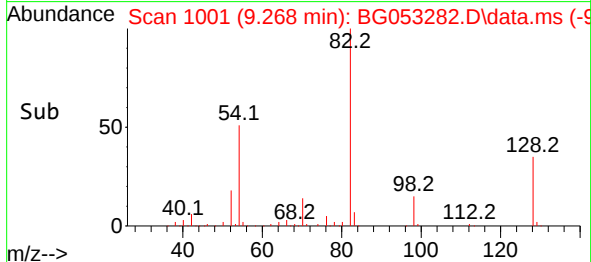
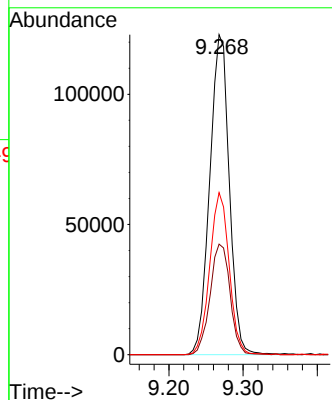
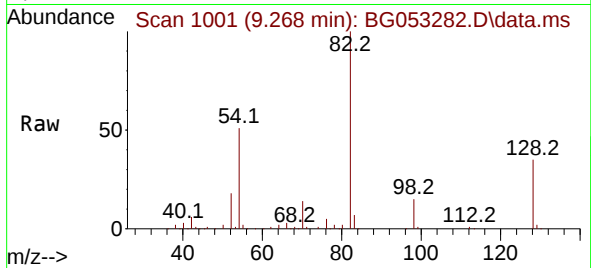




#23
Nitrobenzene-d5
Concen: 97.361 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

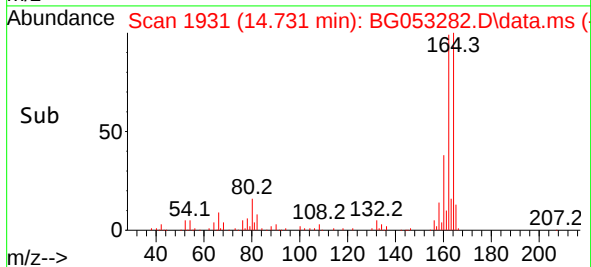
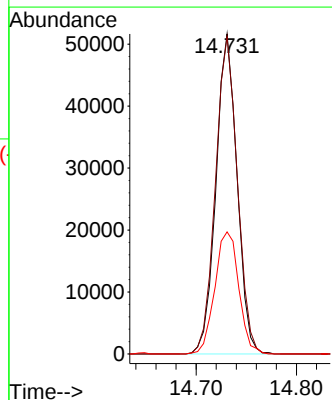
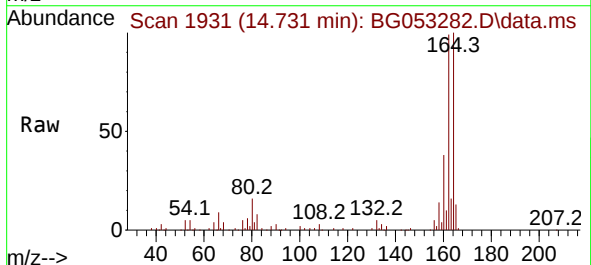
Instrument :
BNA_G
ClientSampleId :
UST-1-N

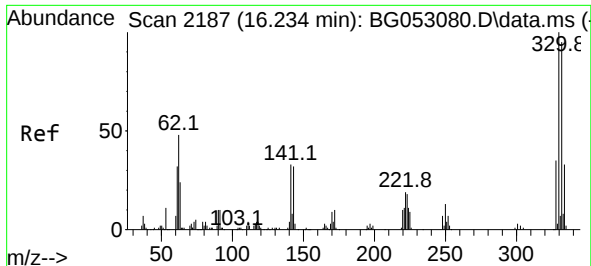
Tgt Ion: 82 Resp: 224491
Ion Ratio Lower Upper
82 100
128 34.5 31.3 46.9
54 50.6 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion: 164 Resp: 75241
Ion Ratio Lower Upper
164 100
162 99.2 80.0 120.0
160 38.2 38.8 58.2#

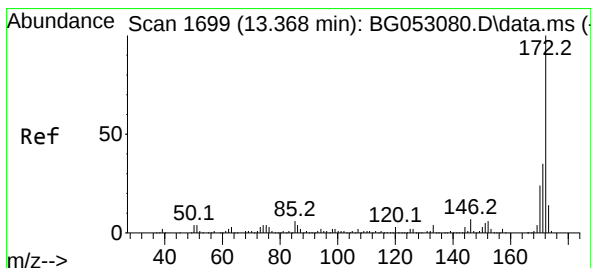
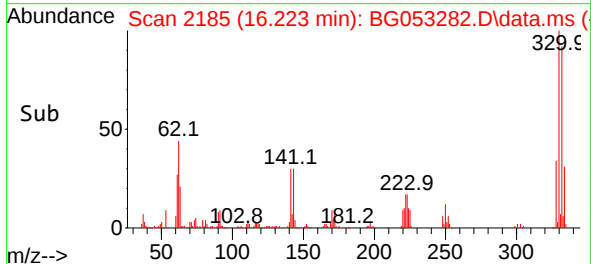
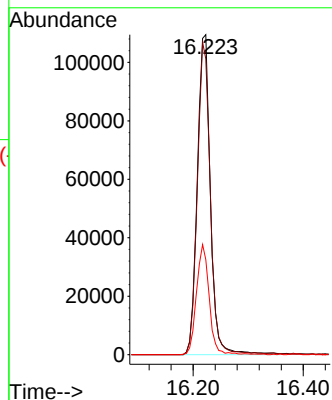
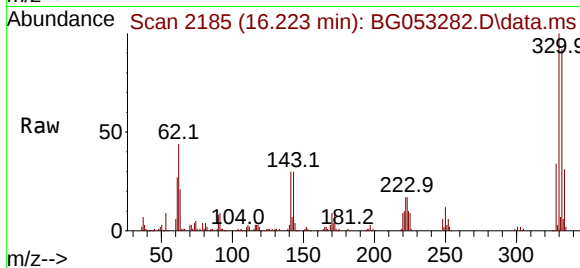




#42
2,4,6-Tribromophenol
Concen: 151.740 ng
RT: 16.223 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

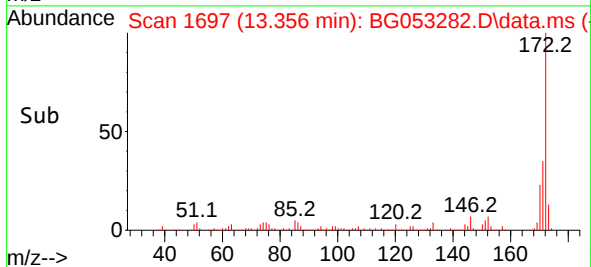
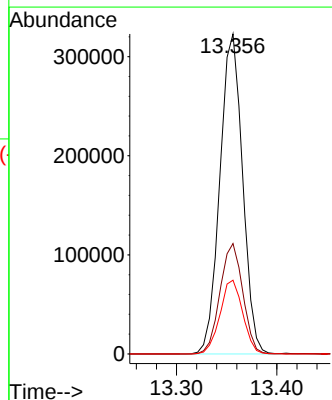
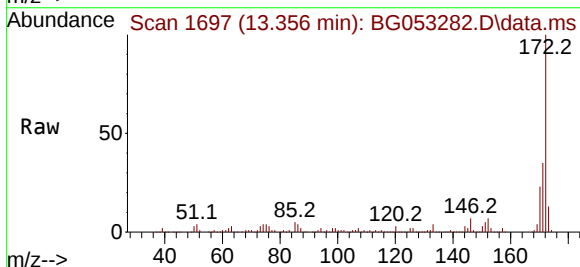
Instrument :
BNA_G
ClientSampleId :
UST-1-N

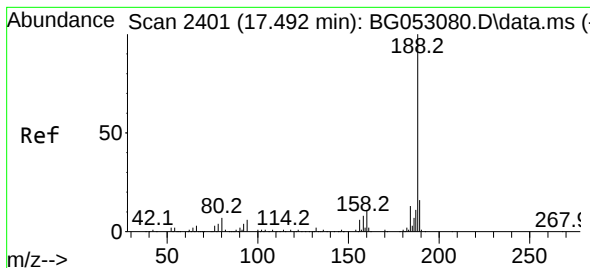
Tgt Ion:330 Resp: 181641
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.6
141 33.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 92.742 ng
RT: 13.356 min Scan# 1697
Delta R.T. -0.003 min
Lab File: BG053282.D
Acq: 23 Apr 2022 4:38

Tgt Ion:172 Resp: 506055
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.0 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.474 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG053282.D

Acq: 23 Apr 2022 4:38

Instrument :

BNA_G

ClientSampleId :

UST-1-N

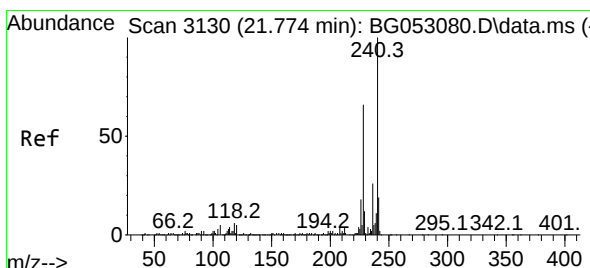
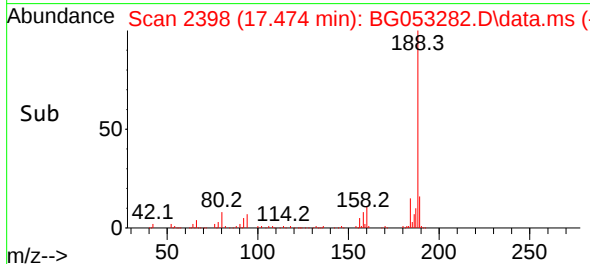
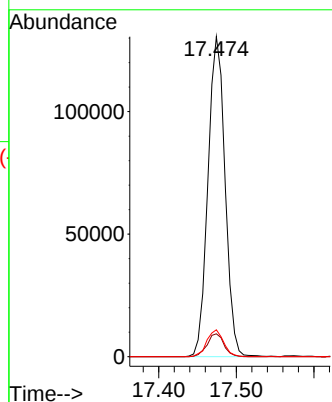
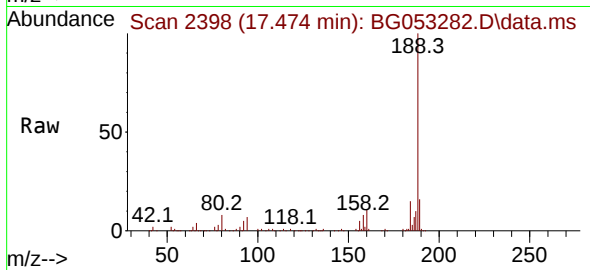
Tgt Ion:188 Resp: 200256

Ion Ratio Lower Upper

188 100

94 7.2 5.7 8.5

80 8.4 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.757 min Scan# 3127

Delta R.T. -0.009 min

Lab File: BG053282.D

Acq: 23 Apr 2022 4:38

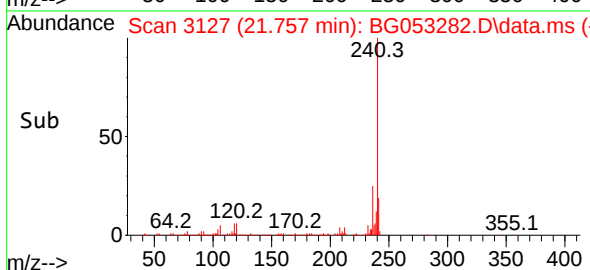
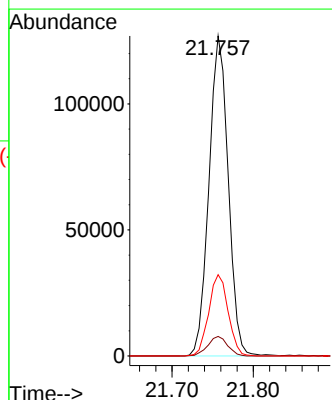
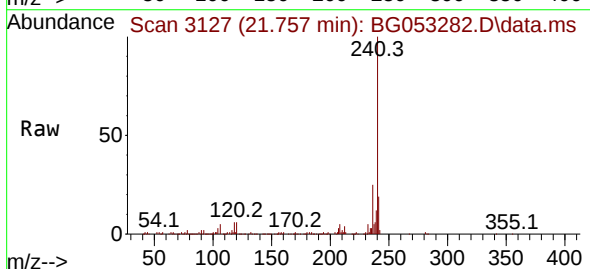
Tgt Ion:240 Resp: 208833

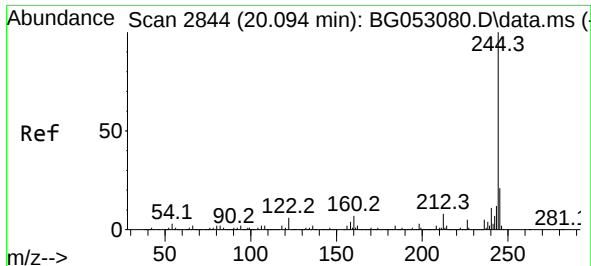
Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.0

236 25.4 19.8 29.6

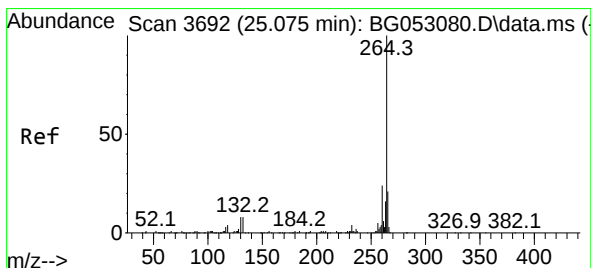
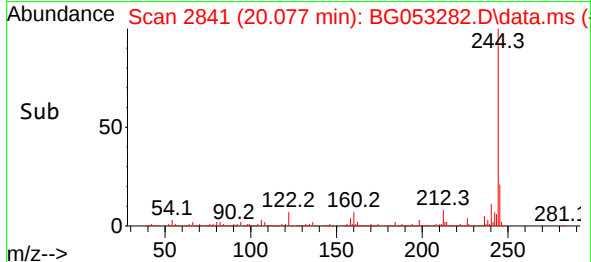
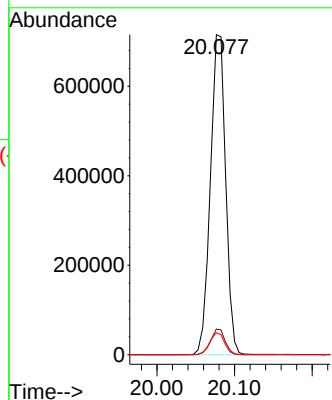
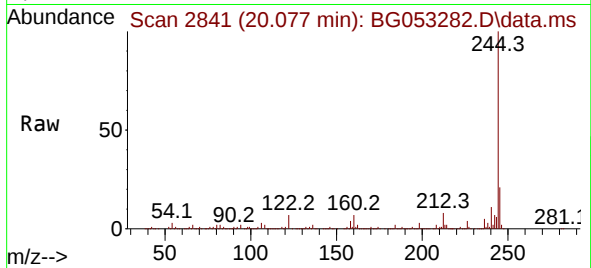




#79
 Terphenyl-d14
 Concen: 79.062 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053282.D
 Acq: 23 Apr 2022 4:38

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-N

Tgt Ion:244 Resp: 977600
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.9 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 3688
 Delta R.T. -0.009 min
 Lab File: BG053282.D
 Acq: 23 Apr 2022 4:38

Tgt Ion:264 Resp: 215996
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 20.8 15.1 22.7

