

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053850.D
 Acq On : 8 Jun 2022 13:10
 Operator : CG/JU
 Sample : PB145354TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145354TB

Quant Time: Jun 09 02:29:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	25434	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	103512	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	74369	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	194188	20.000	ng	0.00
76) Chrysene-d12	21.726	240	228851	20.000	ng	0.00
86) Perylene-d12	24.993	264	220407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	193644	139.812	ng	0.00
7) Phenol-d6	7.243	99	247404	131.867	ng	0.00
23) Nitrobenzene-d5	9.246	82	163842	103.942	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	145591	161.278	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	445323	89.581	ng	0.00
79) Terphenyl-d14	20.063	244	1017724	88.471	ng	0.00

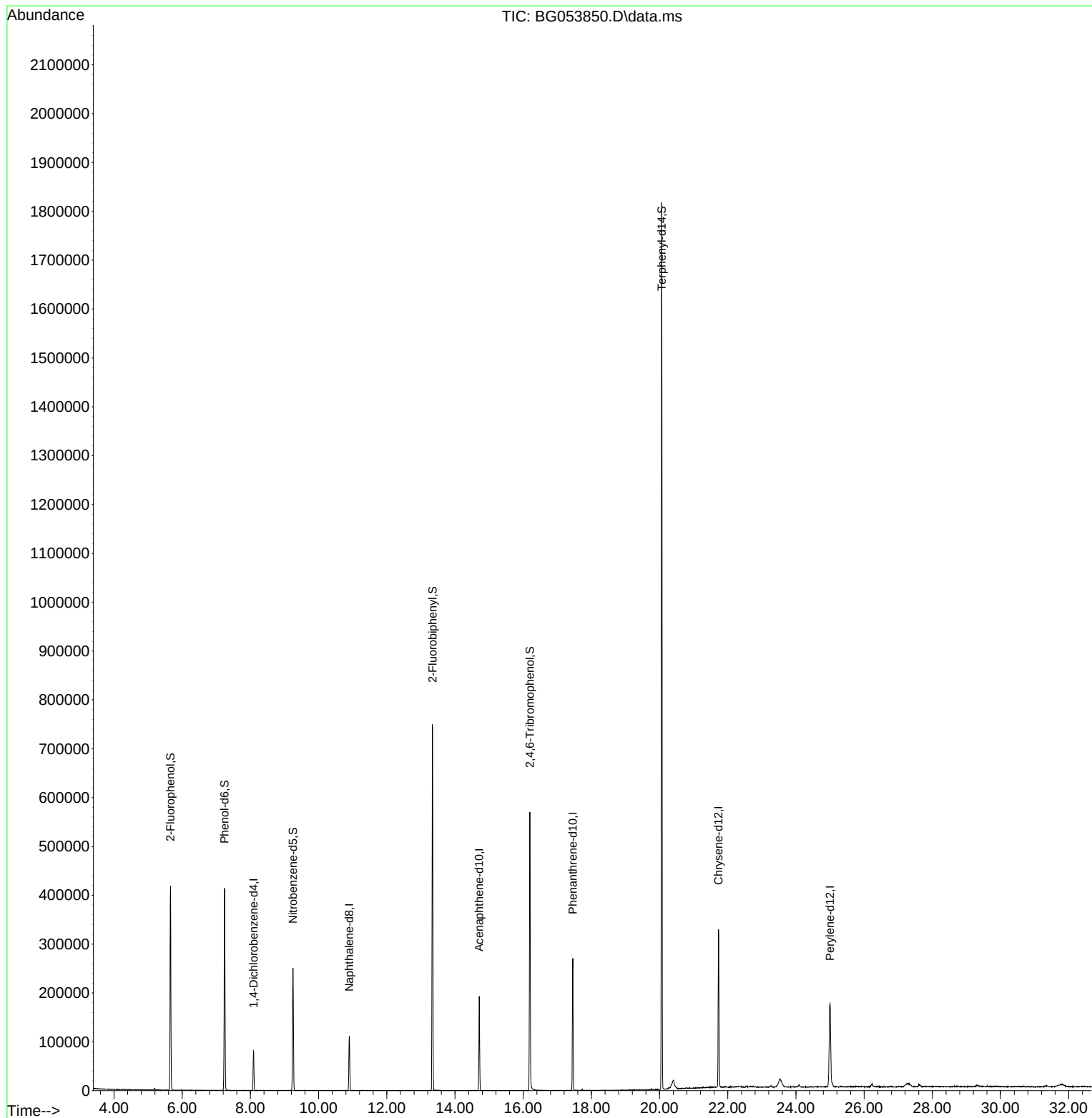
Target Compounds	Qvalue

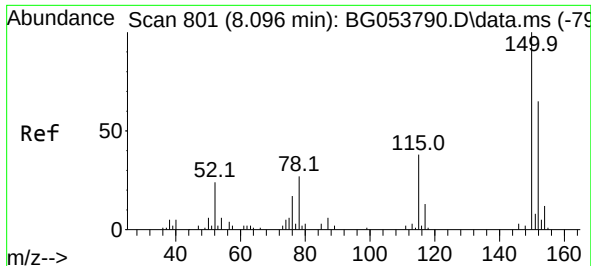
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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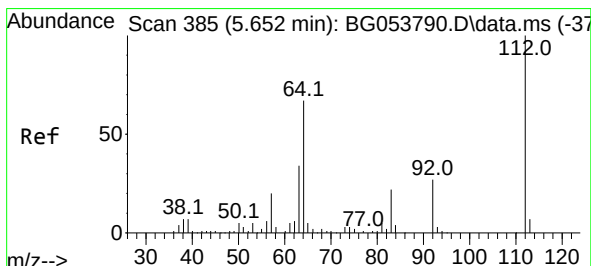
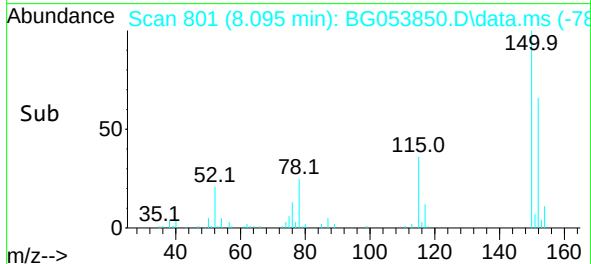
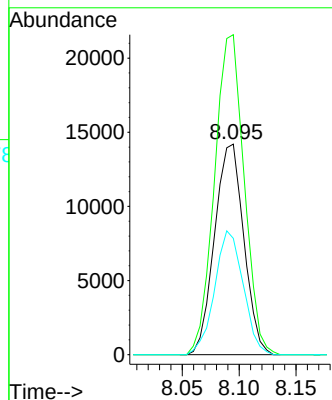
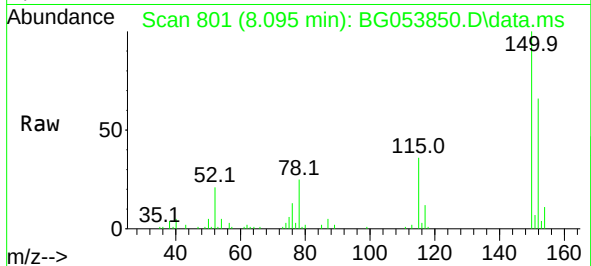




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 801
Delta R.T. -0.001 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

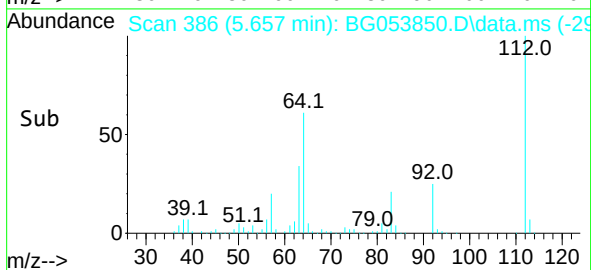
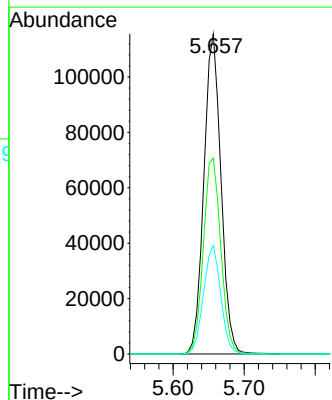
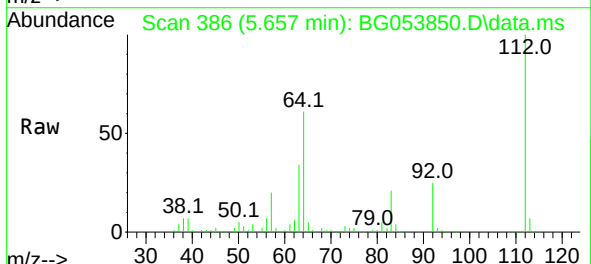
Instrument :
BNA_G
ClientSampleId :
PB145354TB

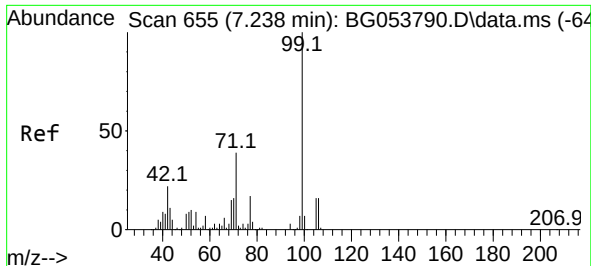
Tgt Ion:152 Resp: 25434
Ion Ratio Lower Upper
152 100
150 152.0 131.6 197.4
115 55.2 50.9 76.3



#5
2-Fluorophenol
Concen: 139.812 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

Tgt Ion:112 Resp: 193644
Ion Ratio Lower Upper
112 100
64 61.2 55.1 82.7
63 33.9 30.4 45.6

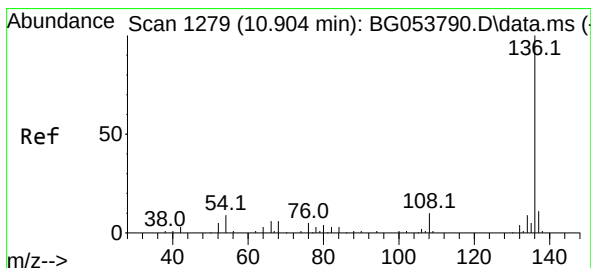
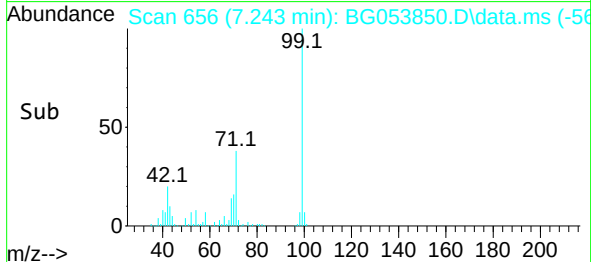
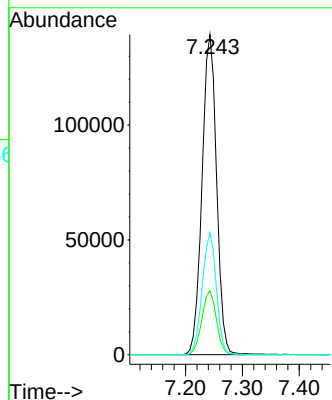
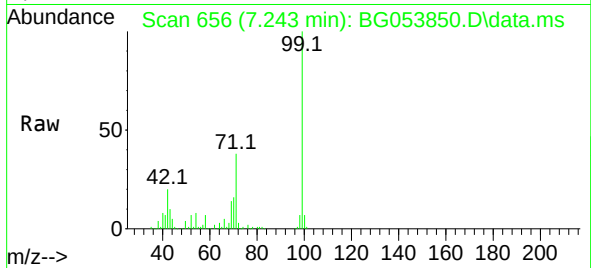




#7
Phenol-d6
Concen: 131.867 ng
RT: 7.243 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

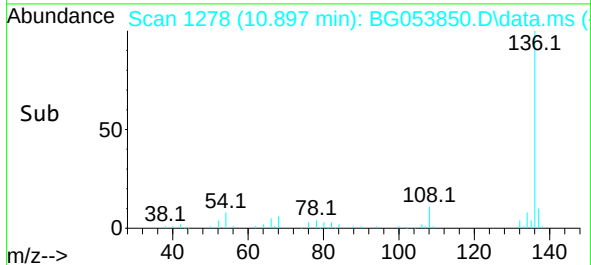
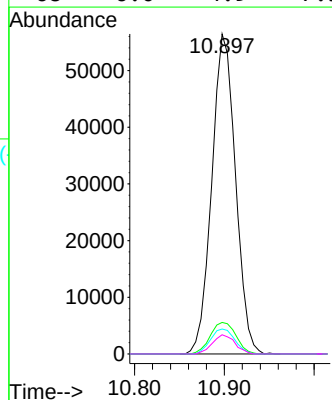
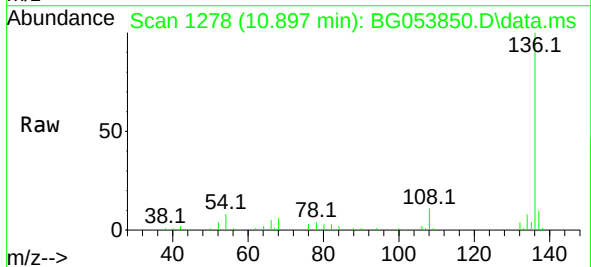
Instrument :
BNA_G
ClientSampleId :
PB145354TB

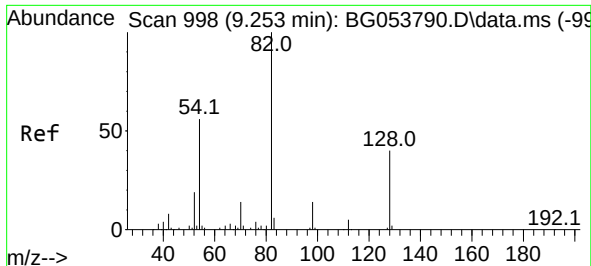
Tgt Ion: 99 Resp: 247404
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 38.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 1278
Delta R.T. -0.007 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

Tgt Ion: 136 Resp: 103512
Ion Ratio Lower Upper
136 100
137 9.8 8.5 12.7
54 7.8 7.4 11.2
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 103.942 ng

RT: 9.246 min Scan# 998

Delta R.T. -0.007 min

Lab File: BG053850.D

Acq: 8 Jun 2022 13:10

Instrument :

BNA_G

ClientSampleId :

PB145354TB

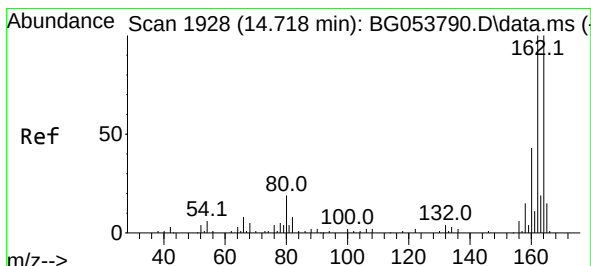
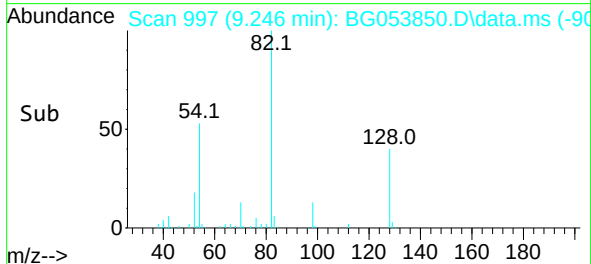
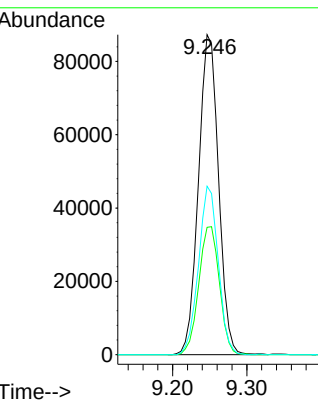
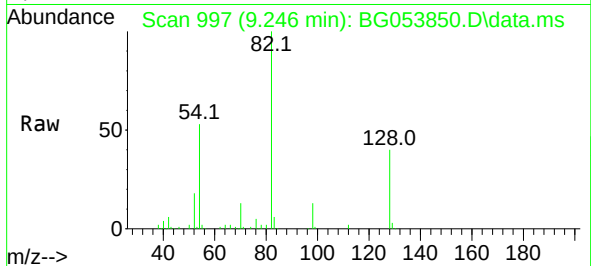
Tgt Ion: 82 Resp: 163842

Ion Ratio Lower Upper

82 100

128 39.8 27.9 41.9

54 52.6 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.711 min Scan# 1927

Delta R.T. -0.007 min

Lab File: BG053850.D

Acq: 8 Jun 2022 13:10

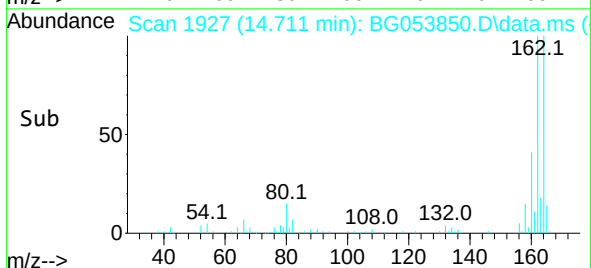
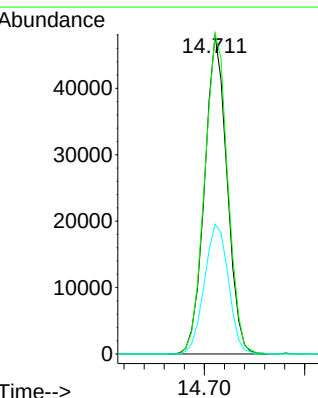
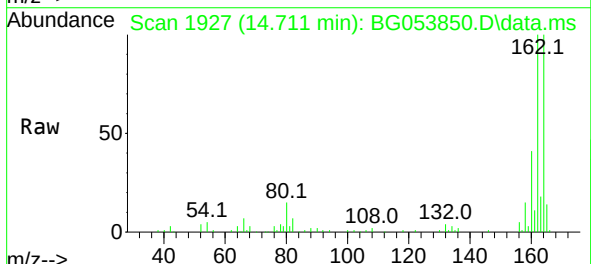
Tgt Ion: 164 Resp: 74369

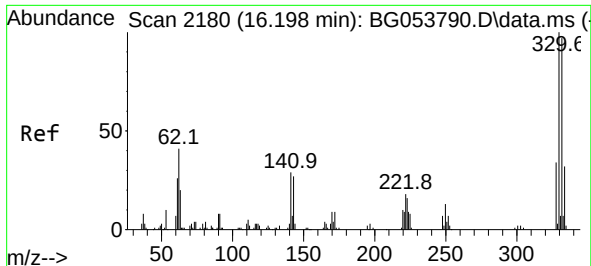
Ion Ratio Lower Upper

164 100

162 100.4 82.3 123.5

160 40.7 34.2 51.2

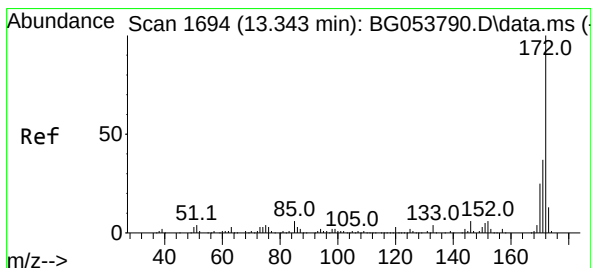
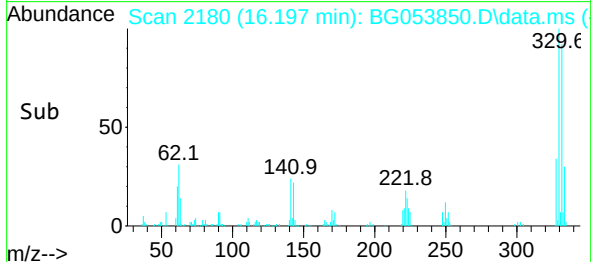
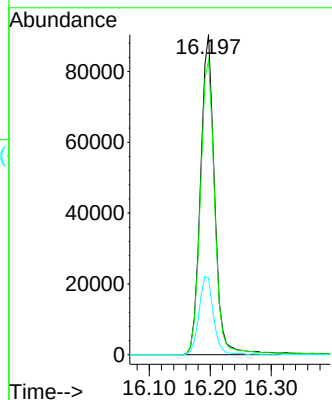
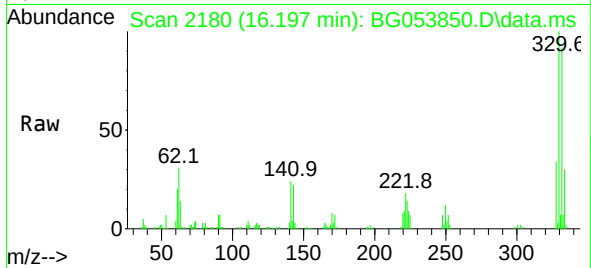




#42
 2,4,6-Tribromophenol
 Concen: 161.278 ng
 RT: 16.197 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053850.D
 Acq: 8 Jun 2022 13:10

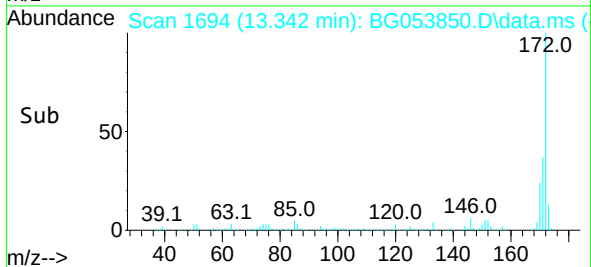
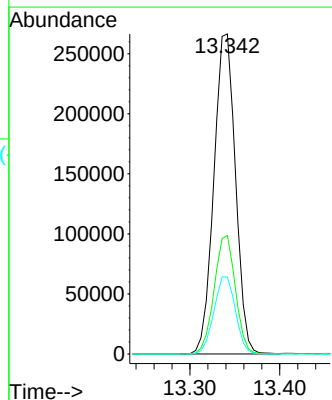
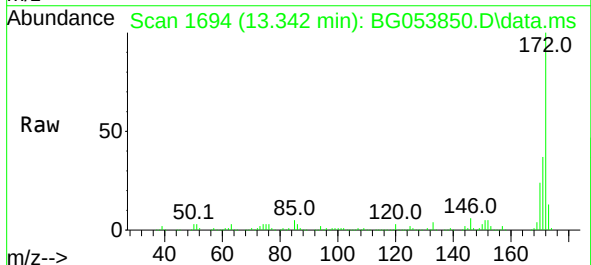
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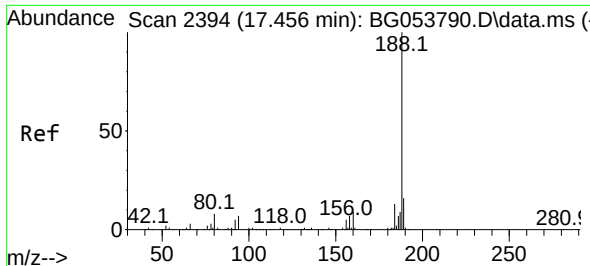
Tgt Ion:330 Resp: 145591
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.0 114.0
 141 25.0 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 89.581 ng
 RT: 13.342 min Scan# 1694
 Delta R.T. -0.001 min
 Lab File: BG053850.D
 Acq: 8 Jun 2022 13:10

Tgt Ion:172 Resp: 445323
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.5 42.7
 170 24.1 18.9 28.3

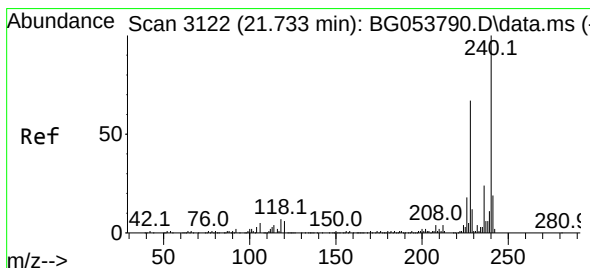
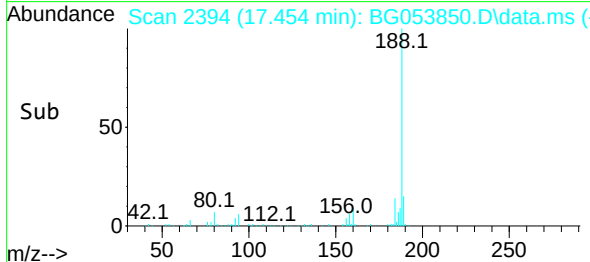
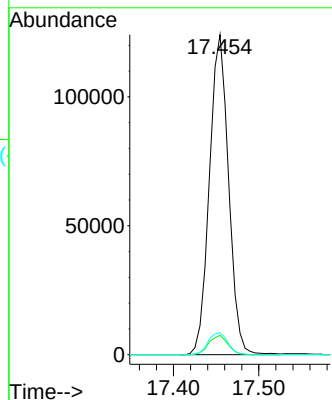
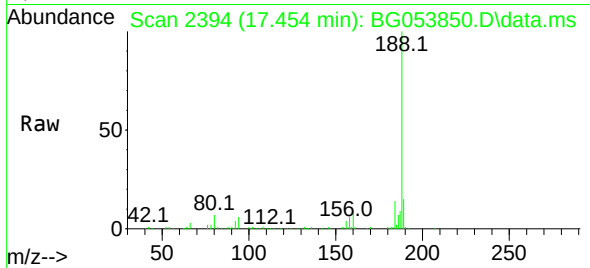




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

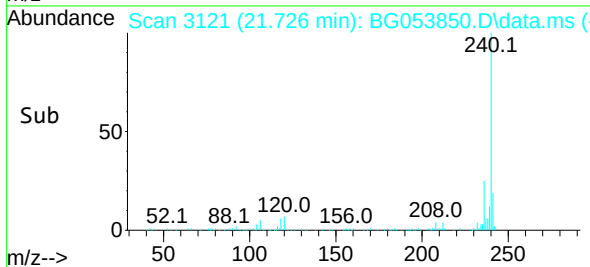
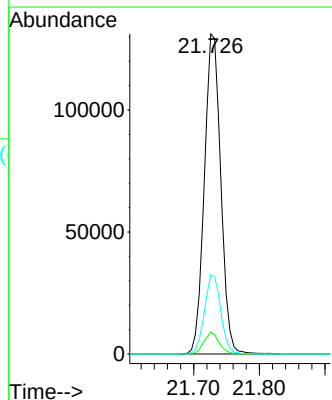
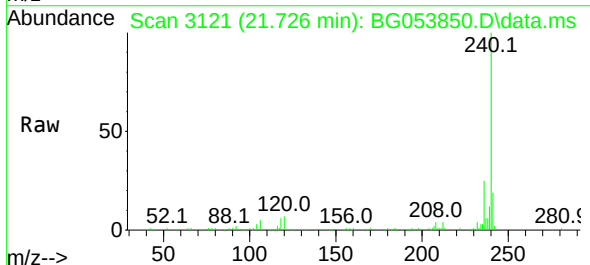
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BNA_G
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PB145354TB

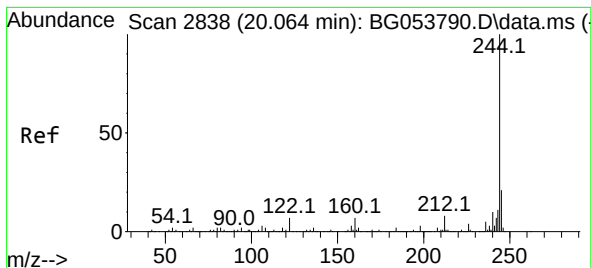
Tgt Ion:188 Resp: 194188
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 6.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3121
Delta R.T. -0.007 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

Tgt Ion:240 Resp: 228851
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 24.7 20.2 30.4





#79

Terphenyl-d14

Concen: 88.471 ng

RT: 20.063 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG053850.D

Acq: 8 Jun 2022 13:10

Instrument :

BNA_G

ClientSampleId :

PB145354TB

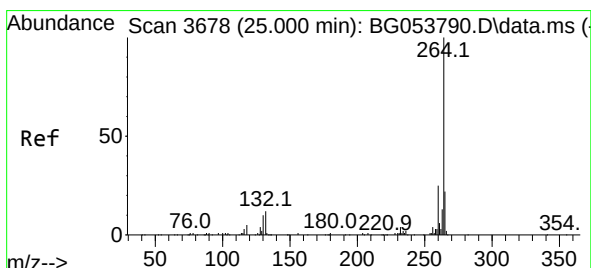
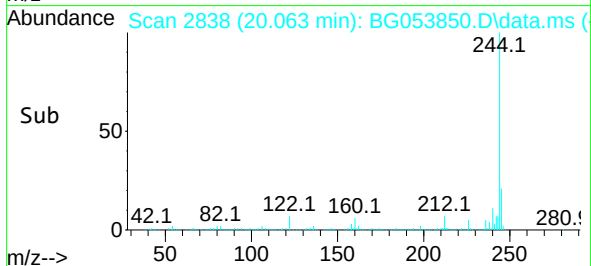
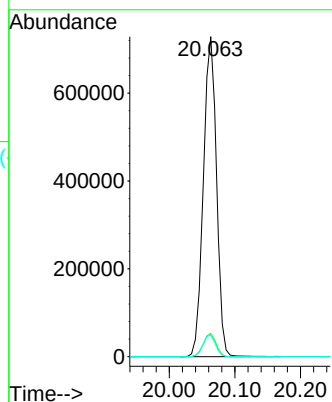
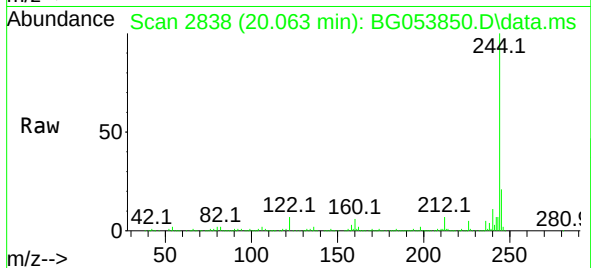
Tgt Ion:244 Resp: 1017724

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 6.7 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.993 min Scan# 3677

Delta R.T. -0.007 min

Lab File: BG053850.D

Acq: 8 Jun 2022 13:10

Tgt Ion:264 Resp: 220407

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.5 17.4 26.2

