

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053840.D
 Acq On : 7 Jun 2022 17:03
 Operator : CG/JU
 Sample : N3194-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jun 08 02:51:01 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	8.088	152	25410	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	103840	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	78937	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	206313	20.000	ng	0.00
76) Chrysene-d12	21.731	240	215914	20.000	ng	0.00
86) Perylene-d12	24.997	264	210924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	184438	133.291	ng	0.00
7) Phenol-d6	7.242	99	220130	117.441	ng	0.00
23) Nitrobenzene-d5	9.245	82	174591	110.411	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	156463	163.291	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	473936	89.820	ng	0.00
79) Terphenyl-d14	20.062	244	988988	91.124	ng	0.00

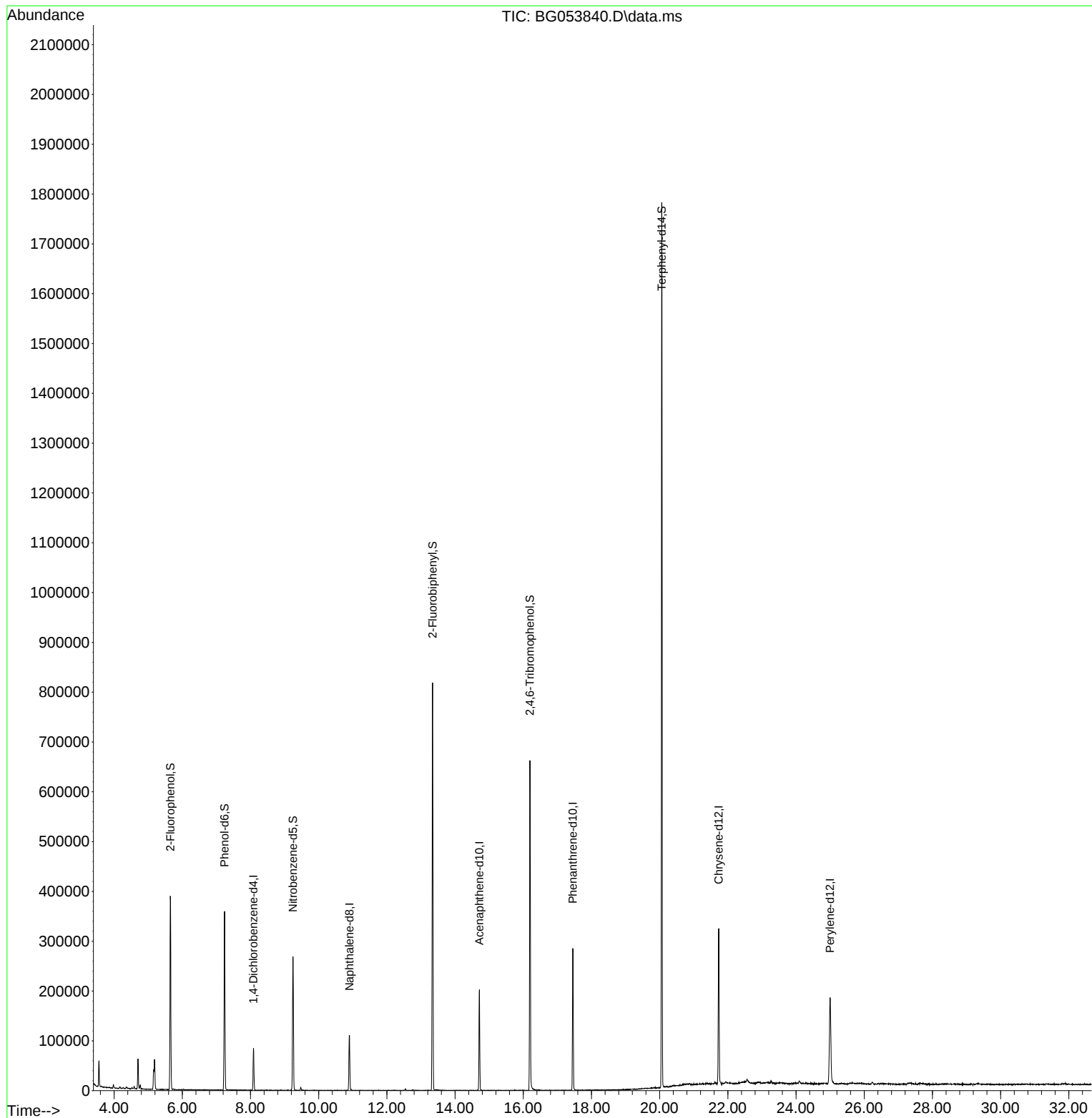
Target Compounds	Qvalue

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

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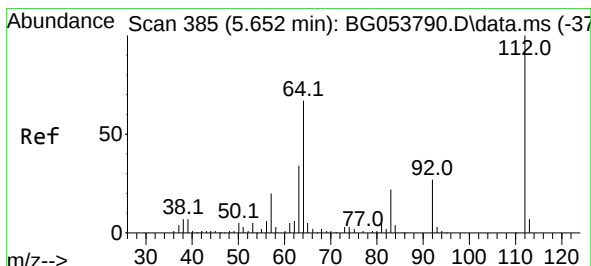
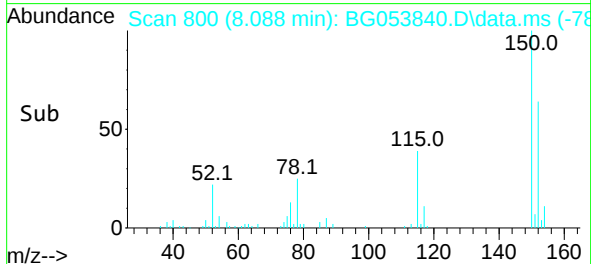
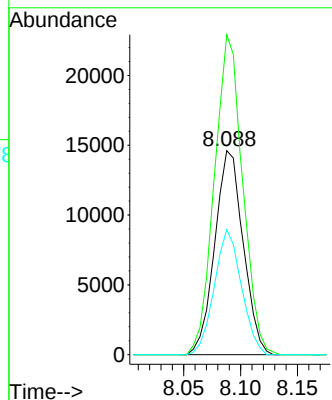
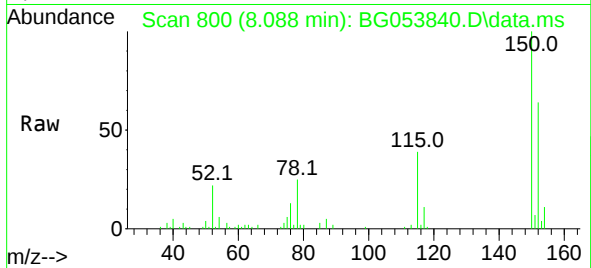




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

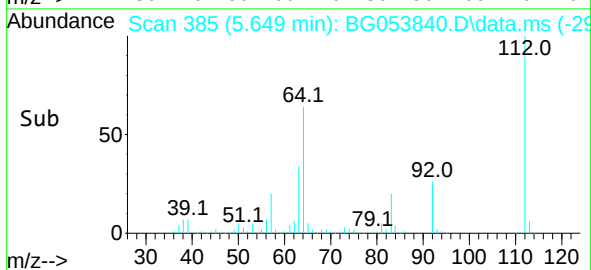
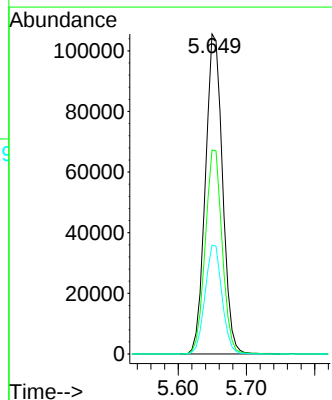
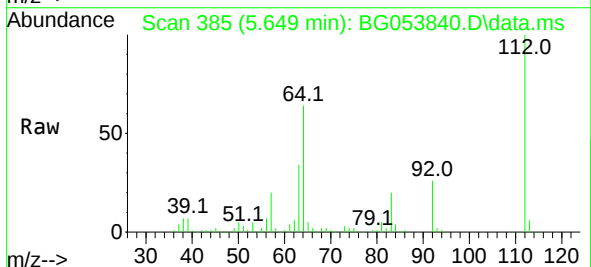
Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 25410
Ion Ratio Lower Upper
152 100
150 156.9 131.6 197.4
115 61.3 50.9 76.3



#5
2-Fluorophenol
Concen: 133.291 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion:112 Resp: 184438
Ion Ratio Lower Upper
112 100
64 63.8 55.1 82.7
63 34.0 30.4 45.6

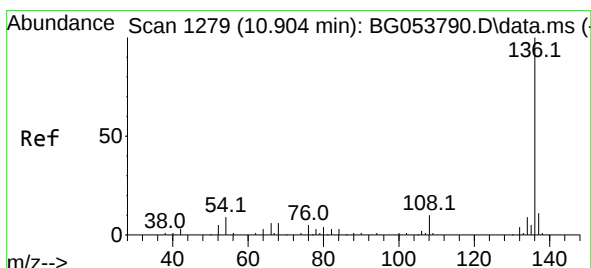
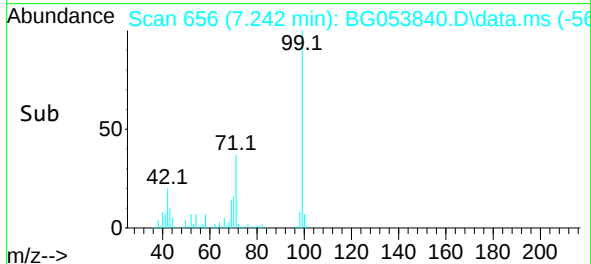
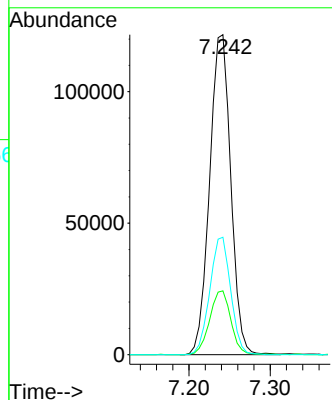
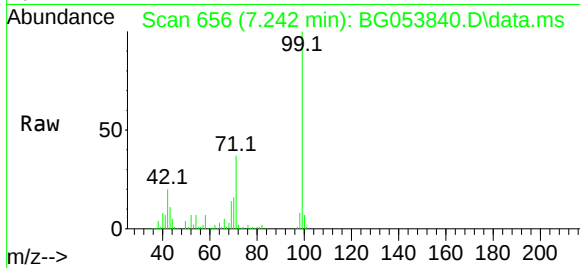




#7
Phenol-d6
Concen: 117.441 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

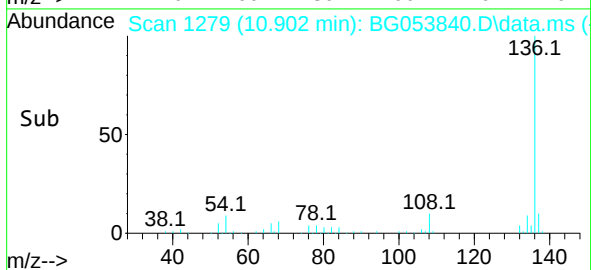
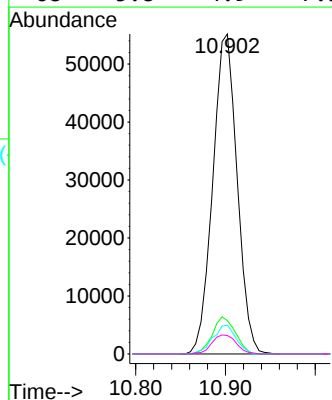
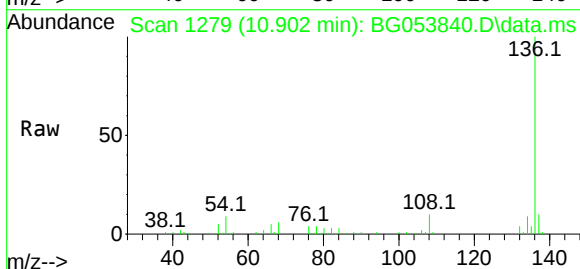
Instrument :
BNA_G
ClientSampleId :
TP-3

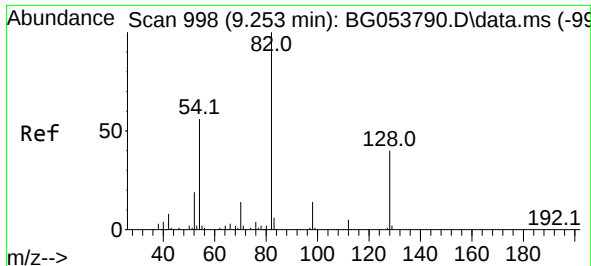
Tgt Ion: 99 Resp: 220130
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 36.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion: 136 Resp: 103840
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.0 7.4 11.2
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 110.411 ng

RT: 9.245 min Scan# 998

Delta R.T. -0.008 min

Lab File: BG053840.D

Acq: 7 Jun 2022 17:03

Instrument :

BNA_G

ClientSampleId :

TP-3

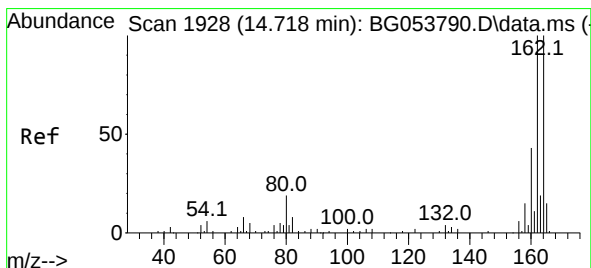
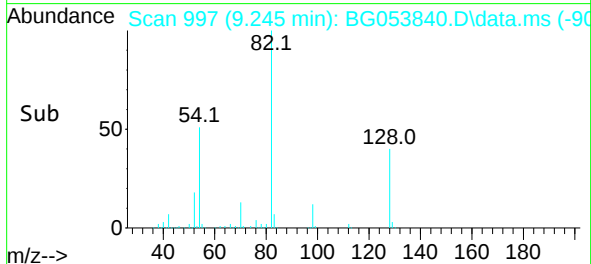
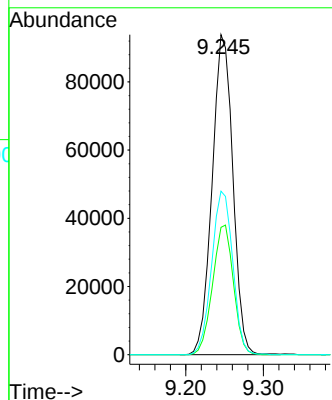
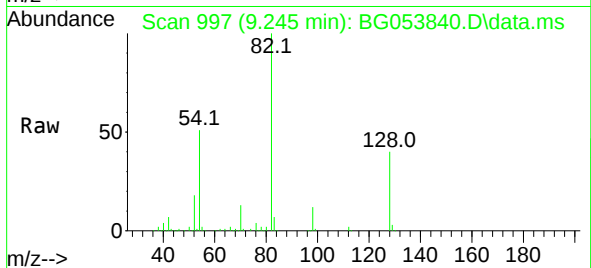
Tgt Ion: 82 Resp: 174591

Ion Ratio Lower Upper

82 100

128 39.8 27.9 41.9

54 51.1 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.715 min Scan# 1928

Delta R.T. -0.003 min

Lab File: BG053840.D

Acq: 7 Jun 2022 17:03

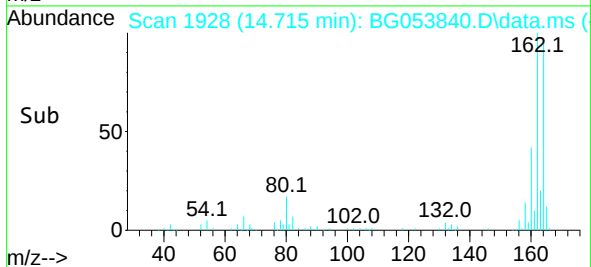
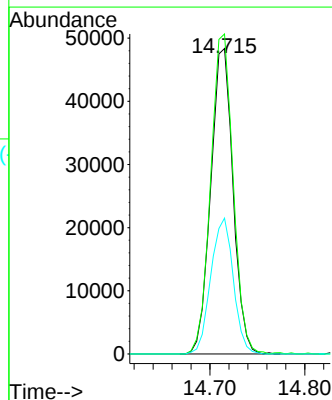
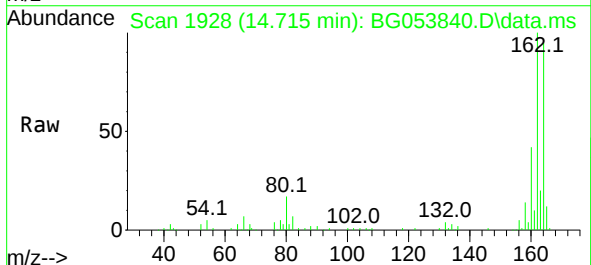
Tgt Ion: 164 Resp: 78937

Ion Ratio Lower Upper

164 100

162 104.7 82.3 123.5

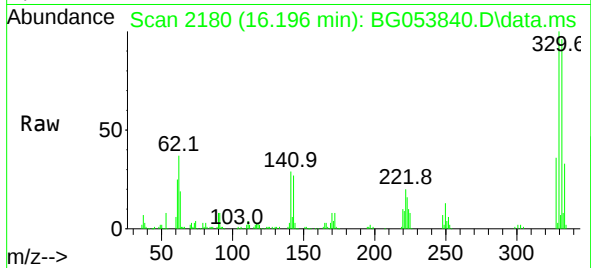
160 44.5 34.2 51.2



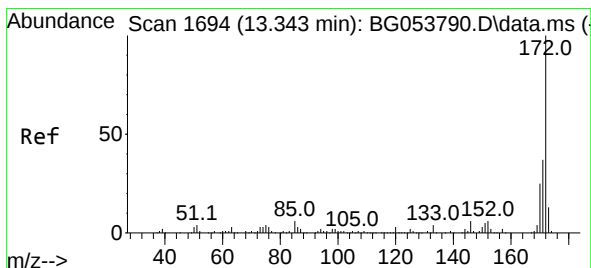
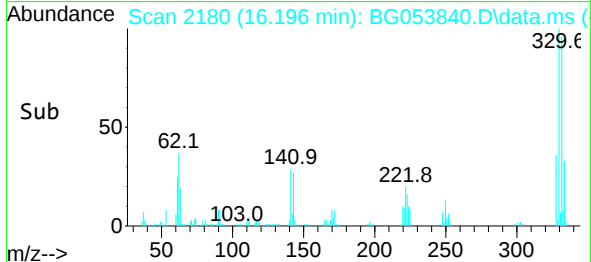
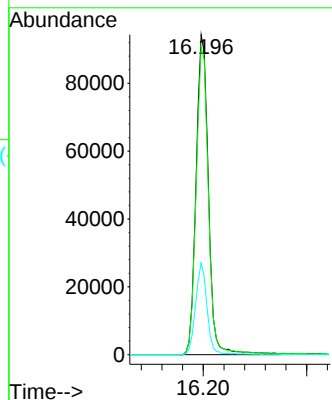


#42
2,4,6-Tribromophenol
Concen: 163.291 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Instrument :
BNA_G
ClientSampleId :
TP-3

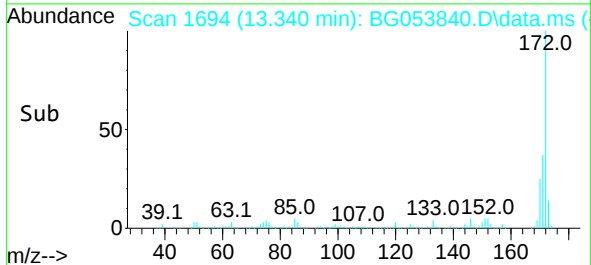
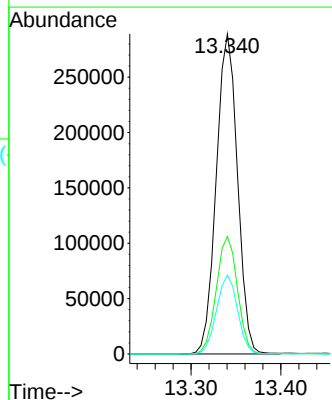
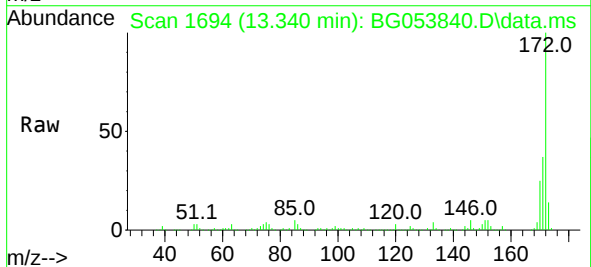


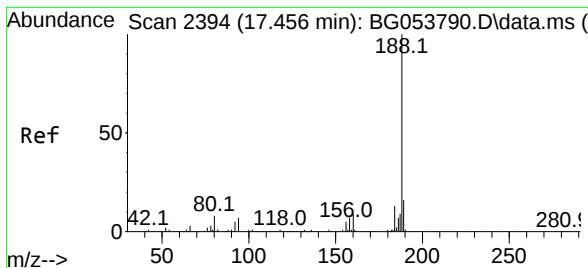
Tgt Ion:330 Resp: 156463
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 26.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 89.820 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053840.D
Acq: 7 Jun 2022 17:03

Tgt Ion:172 Resp: 473936
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053840.D

Acq: 7 Jun 2022 17:03

Instrument :

BNA_G

ClientSampleId :

TP-3

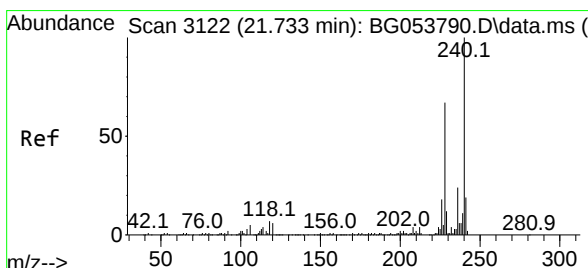
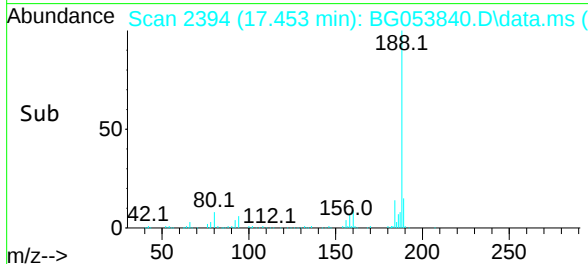
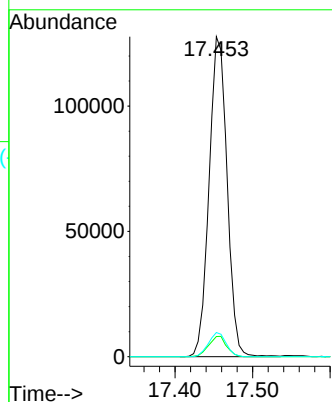
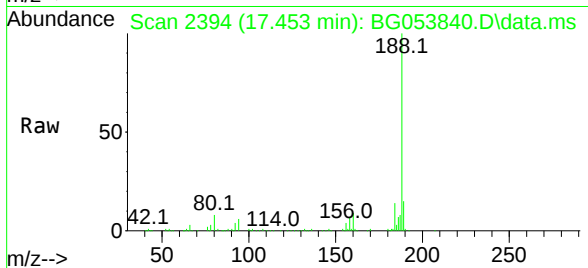
Tgt Ion:188 Resp: 206313

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 7.6 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.731 min Scan# 3122

Delta R.T. -0.002 min

Lab File: BG053840.D

Acq: 7 Jun 2022 17:03

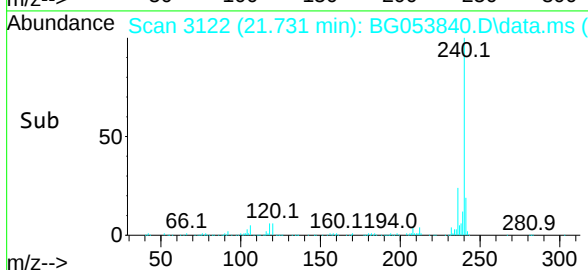
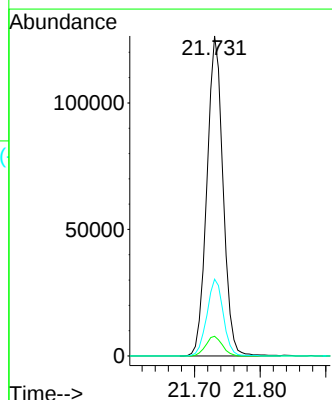
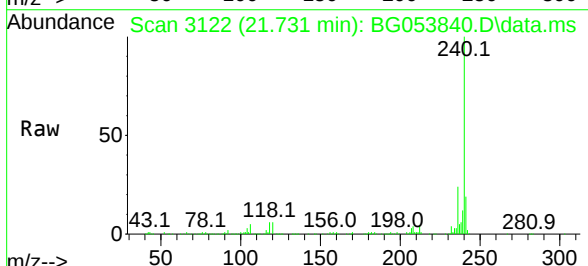
Tgt Ion:240 Resp: 215914

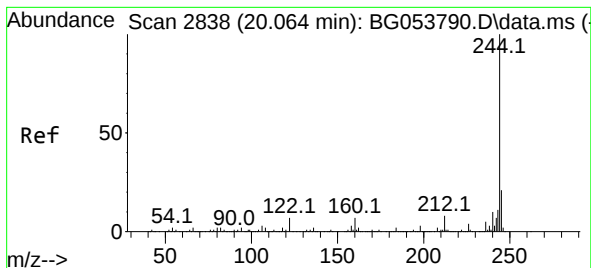
Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

236 24.0 20.2 30.4





#79

Terphenyl-d14

Concen: 91.124 ng

RT: 20.062 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053840.D

Acq: 7 Jun 2022 17:03

Instrument :

BNA_G

ClientSampleId :

TP-3

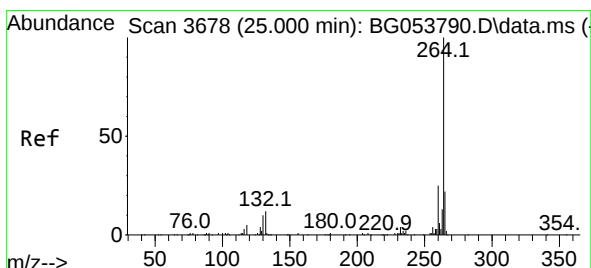
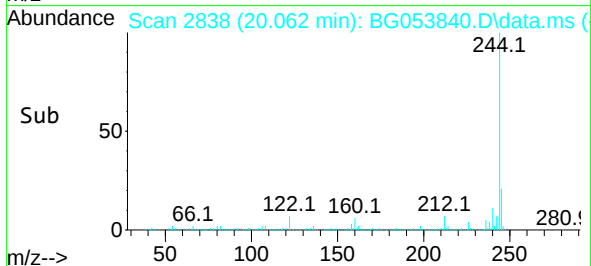
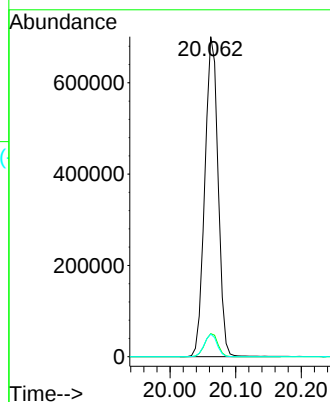
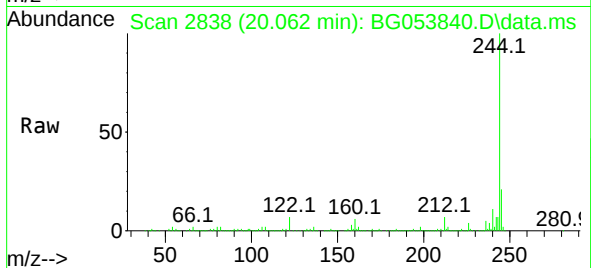
Tgt Ion:244 Resp: 988988

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 7.0 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.997 min Scan# 3678

Delta R.T. -0.002 min

Lab File: BG053840.D

Acq: 7 Jun 2022 17:03

Tgt Ion:264 Resp: 210924

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.9 17.4 26.2

