

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053848.D
 Acq On : 8 Jun 2022 11:41
 Operator : CG/JU
 Sample : N3194-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jun 08 12:59:53 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)

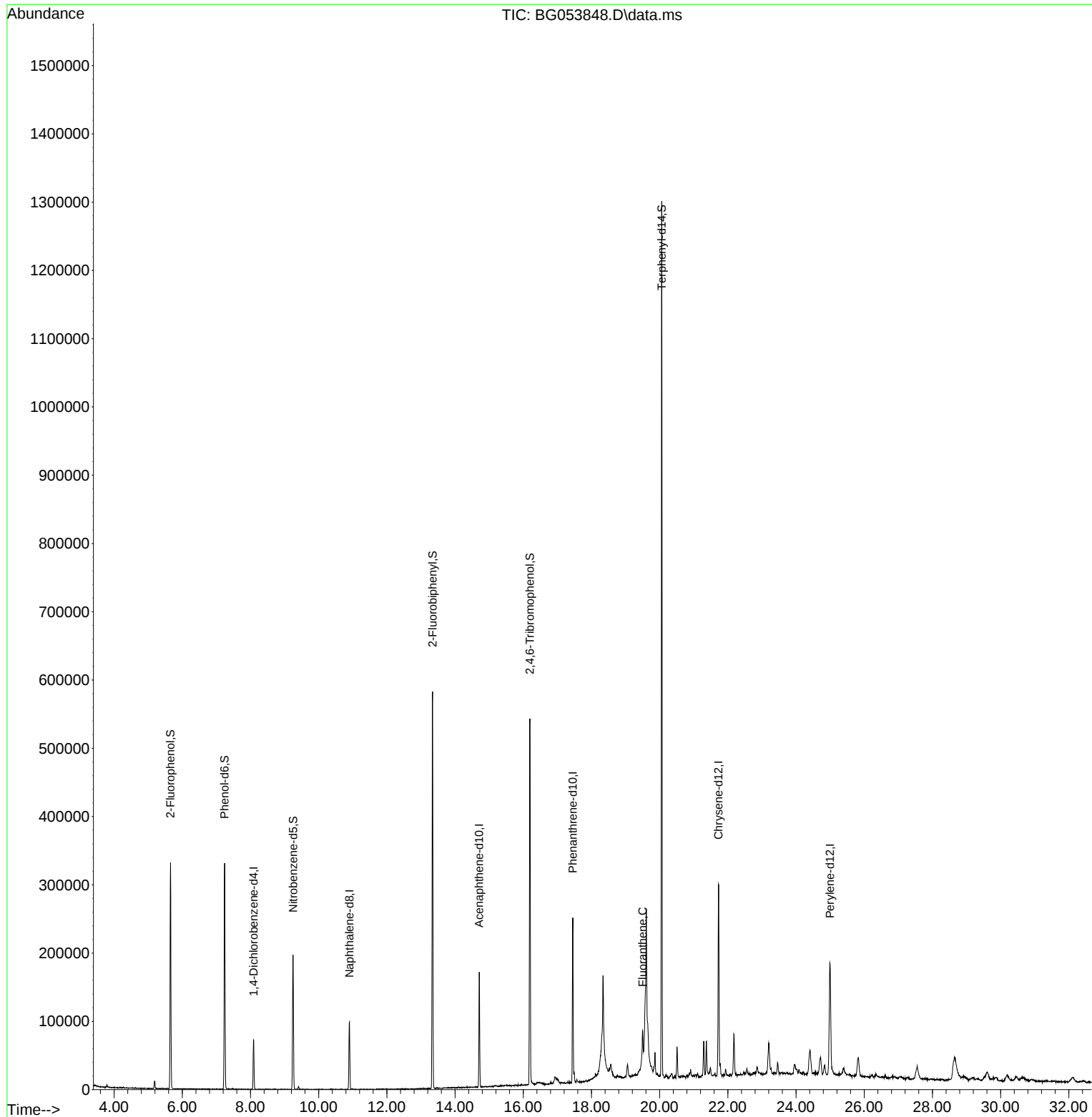
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	23293	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	92754	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	65354	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	171070	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	199059	20.000	ng	0.00
86) Perylene-d12	24.992	264	203433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	153692	121.166	ng	0.00
7) Phenol-d6	7.242	99	201265	117.135	ng	0.00
23) Nitrobenzene-d5	9.252	82	127480	90.254	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	133161	167.856	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	340998	78.057	ng	0.00
79) Terphenyl-d14	20.063	244	717193	71.677	ng	0.00
Target Compounds						
75) Fluoranthene	19.504	202	24348	2.085	ng	Qvalue 97

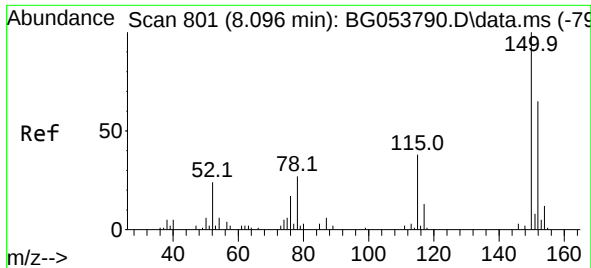
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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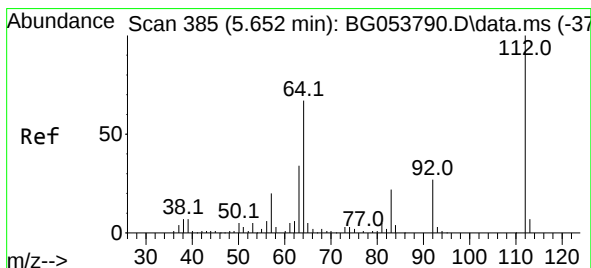
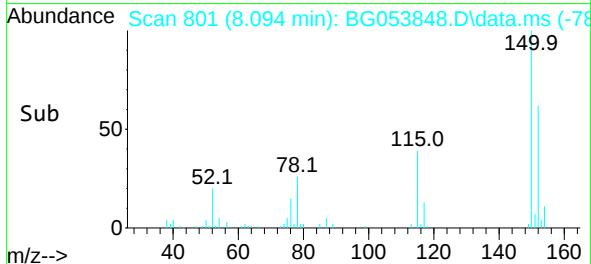
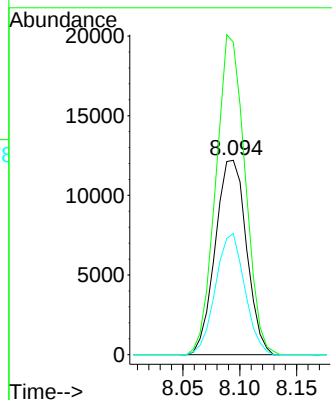
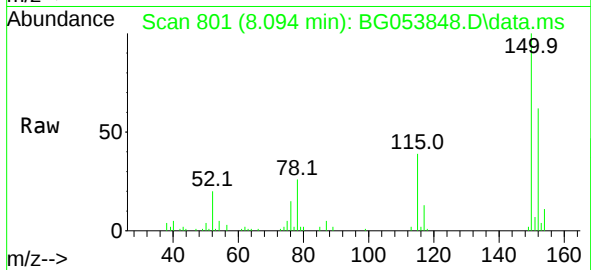




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

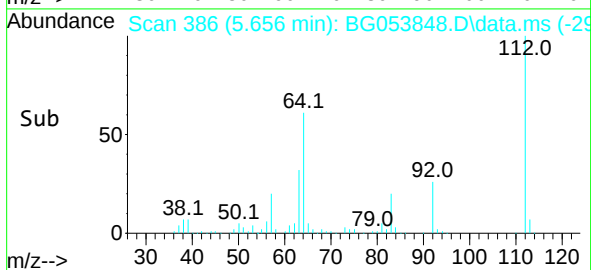
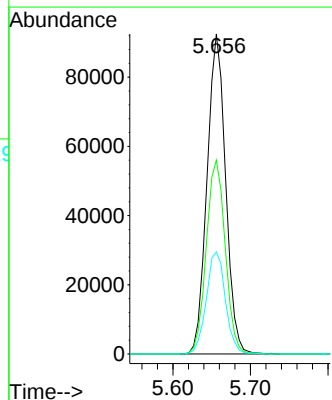
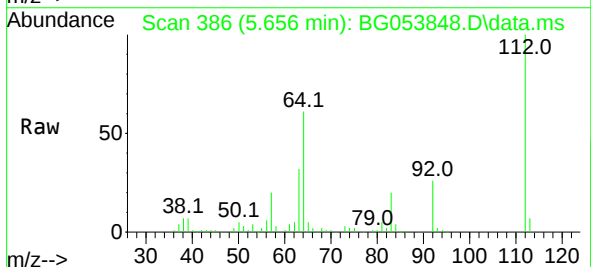
Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 23293
Ion Ratio Lower Upper
152 100
150 160.8 131.6 197.4
115 62.4 50.9 76.3



#5
2-Fluorophenol
Concen: 121.166 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:112 Resp: 153692
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 31.9 30.4 45.6

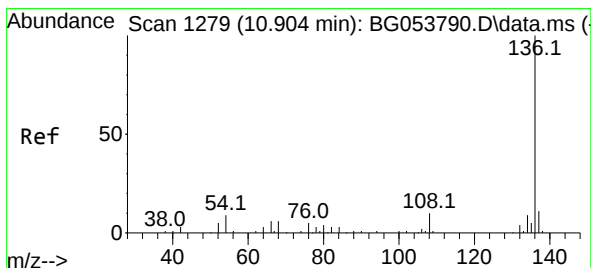
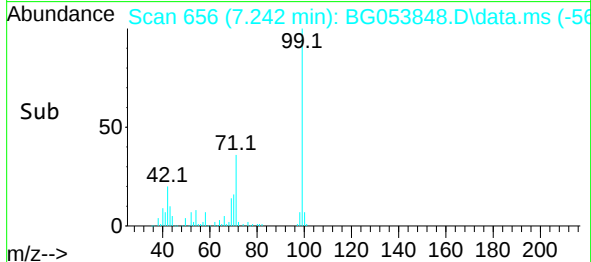
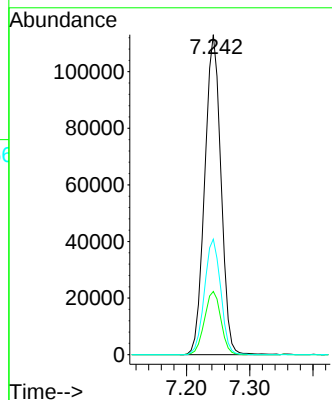
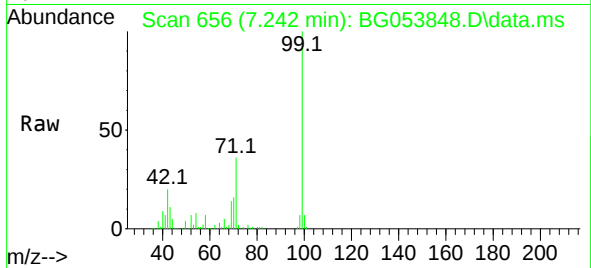




#7
Phenol-d6
Concen: 117.135 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

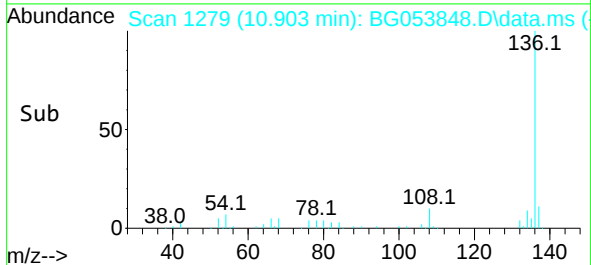
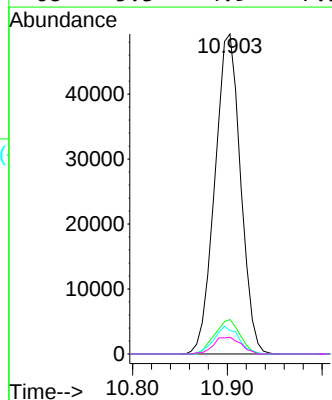
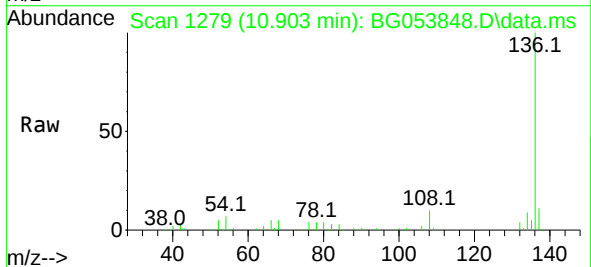
Instrument :
BNA_G
ClientSampleId :
TP-3

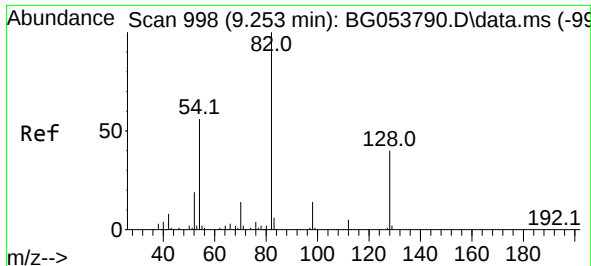
Tgt Ion: 99 Resp: 201265
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 36.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion: 136 Resp: 92754
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.3 7.4 11.2#
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 90.254 ng

RT: 9.252 min Scan# 998

Delta R.T. -0.001 min

Lab File: BG053848.D

Acq: 8 Jun 2022 11:41

Instrument :

BNA_G

ClientSampleId :

TP-3

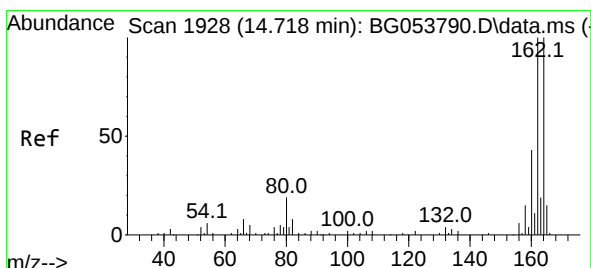
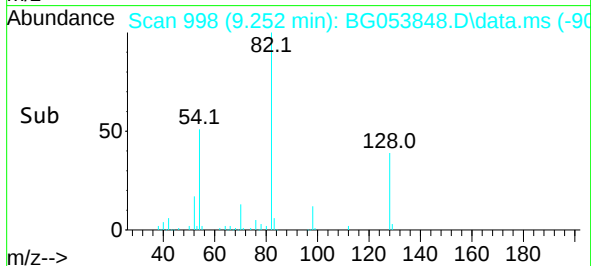
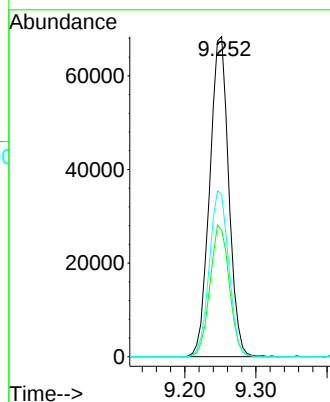
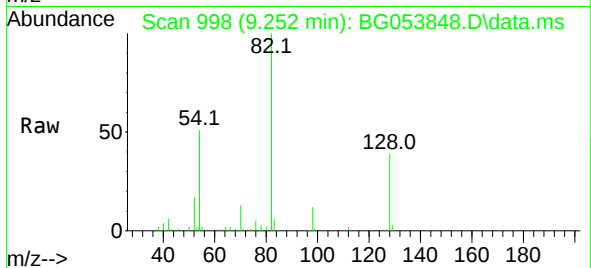
Tgt Ion: 82 Resp: 127480

Ion Ratio Lower Upper

82 100

128 39.5 27.9 41.9

54 50.6 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.710 min Scan# 1927

Delta R.T. -0.008 min

Lab File: BG053848.D

Acq: 8 Jun 2022 11:41

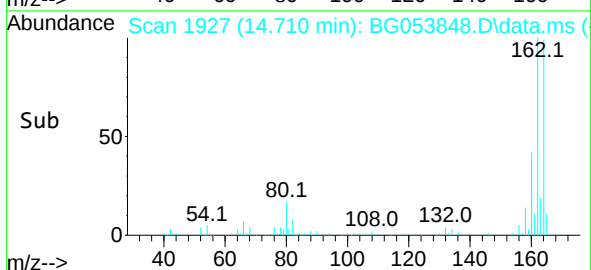
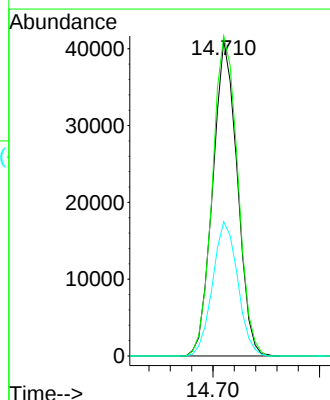
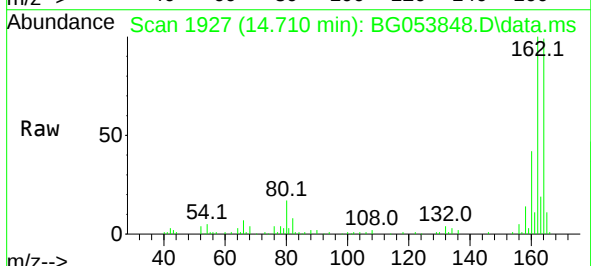
Tgt Ion: 164 Resp: 65354

Ion Ratio Lower Upper

164 100

162 101.3 82.3 123.5

160 42.5 34.2 51.2

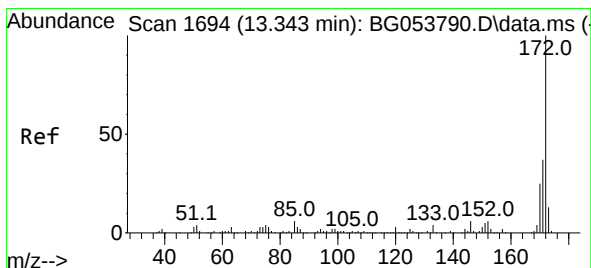
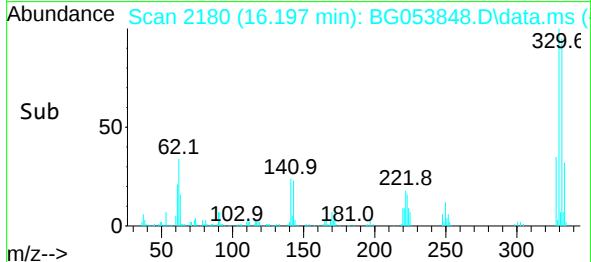
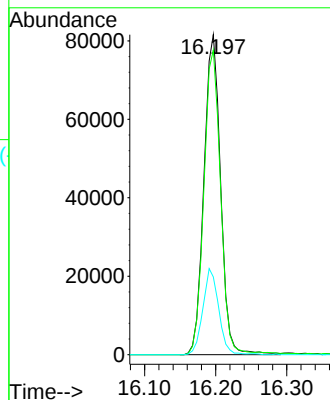
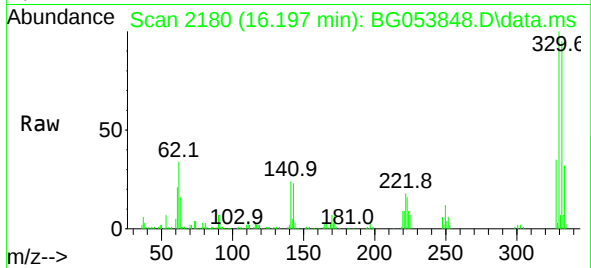




#42
2,4,6-Tribromophenol
Concen: 167.856 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

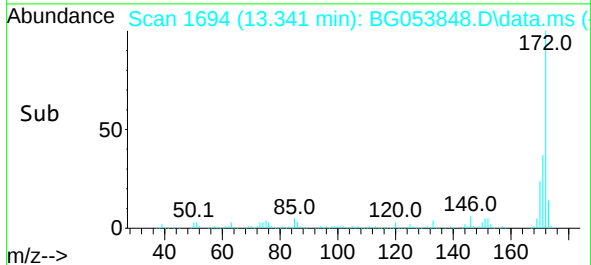
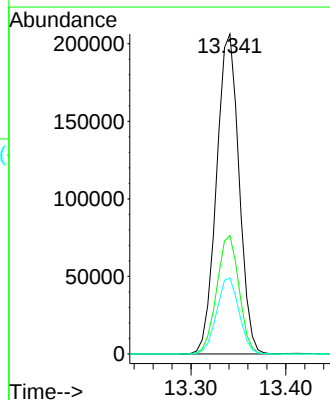
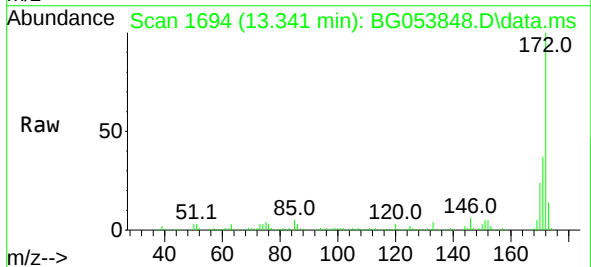
Instrument :
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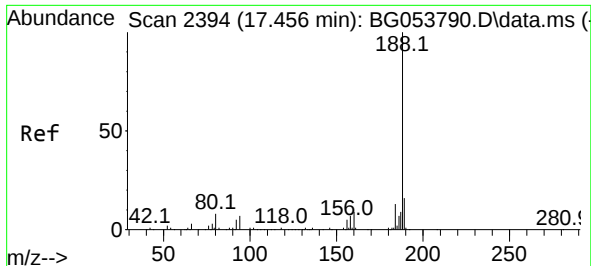
Tgt Ion:330 Resp: 133161
Ion Ratio Lower Upper
330 100
332 94.7 76.0 114.0
141 25.6 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 78.057 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:172 Resp: 340998
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 23.7 18.9 28.3

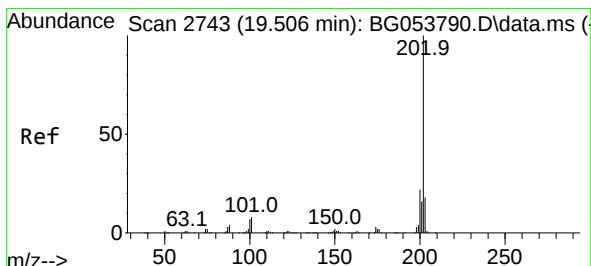
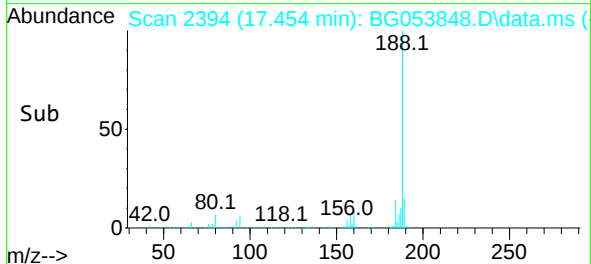
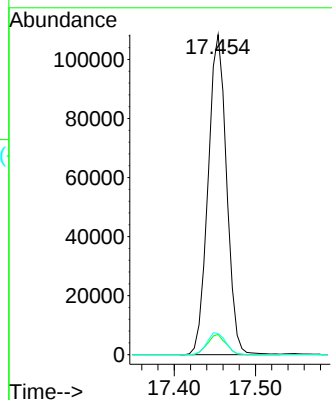
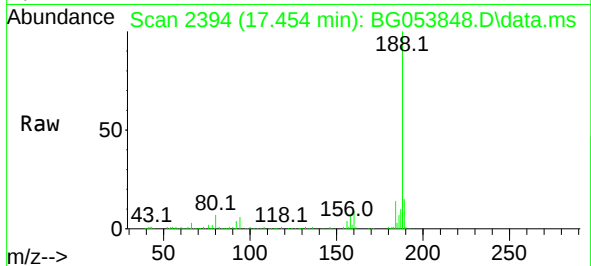




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

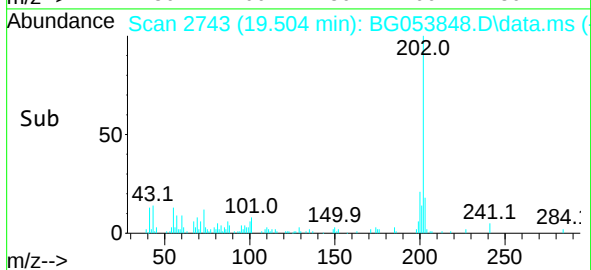
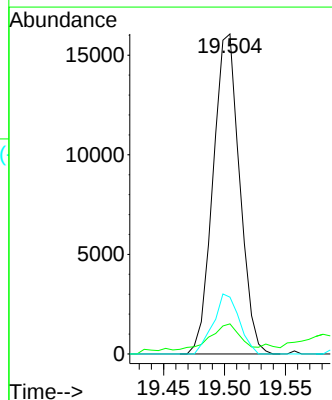
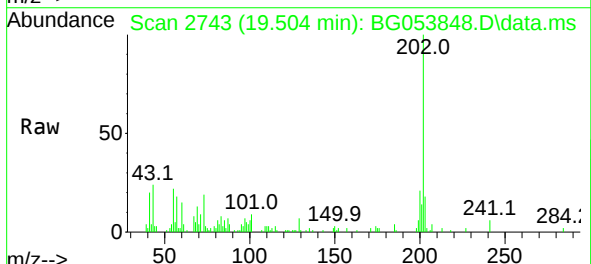
Instrument :
BNA_G
ClientSampleId :
TP-3

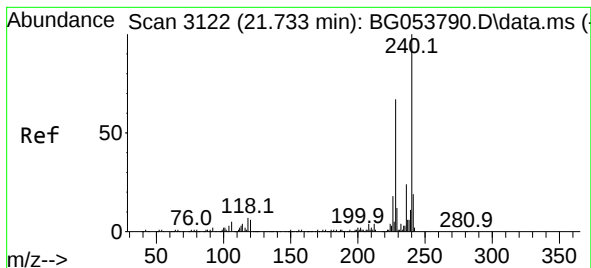
Tgt Ion:188 Resp: 171070
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 6.6 6.8 10.2#



#75
Fluoranthene
Concen: 2.085 ng
RT: 19.504 min Scan# 2743
Delta R.T. -0.002 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:202 Resp: 24348
Ion Ratio Lower Upper
202 100
101 9.4 0.0 26.9
203 17.7 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.725 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053848.D

Acq: 8 Jun 2022 11:41

Instrument :

BNA_G

ClientSampleId :

TP-3

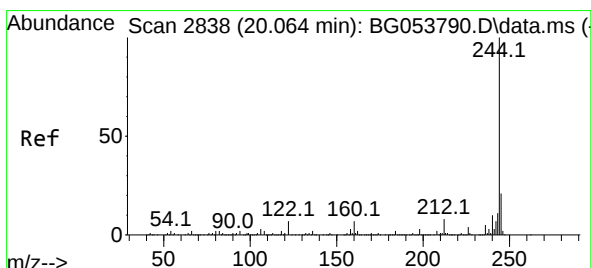
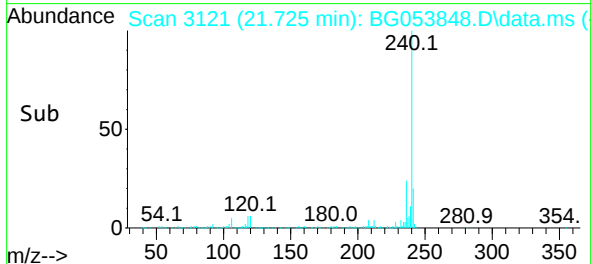
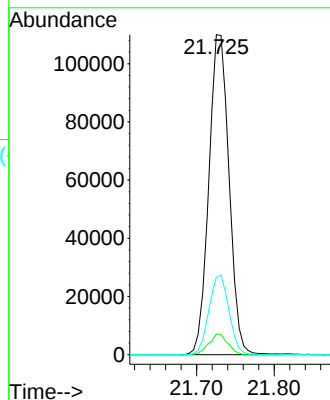
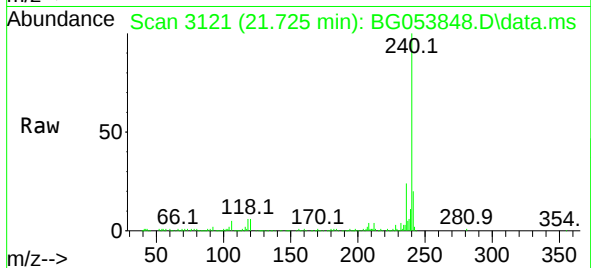
Tgt Ion:240 Resp: 199059

Ion Ratio Lower Upper

240 100

120 6.5 4.6 7.0

236 24.2 20.2 30.4



#79

Terphenyl-d14

Concen: 71.677 ng

RT: 20.063 min Scan# 2838

Delta R.T. -0.001 min

Lab File: BG053848.D

Acq: 8 Jun 2022 11:41

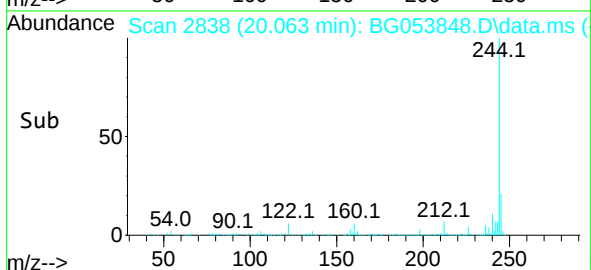
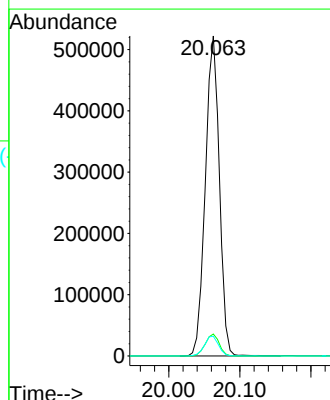
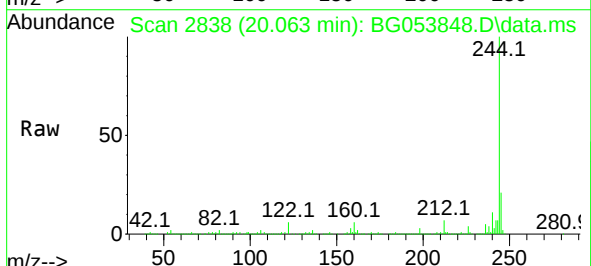
Tgt Ion:244 Resp: 717193

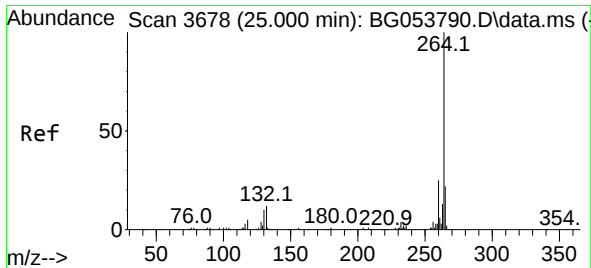
Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

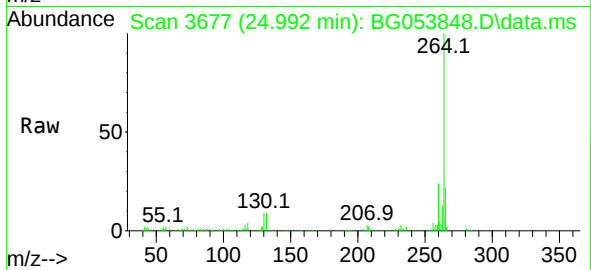
122 6.2 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.992 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG053848.D
 Acq: 8 Jun 2022 11:41

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:264 Resp: 203433
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.6 17.4 26.2

