

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053842.D
 Acq On : 7 Jun 2022 18:22
 Operator : CG/JU
 Sample : N3224-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Jun 08 02:51:16 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)

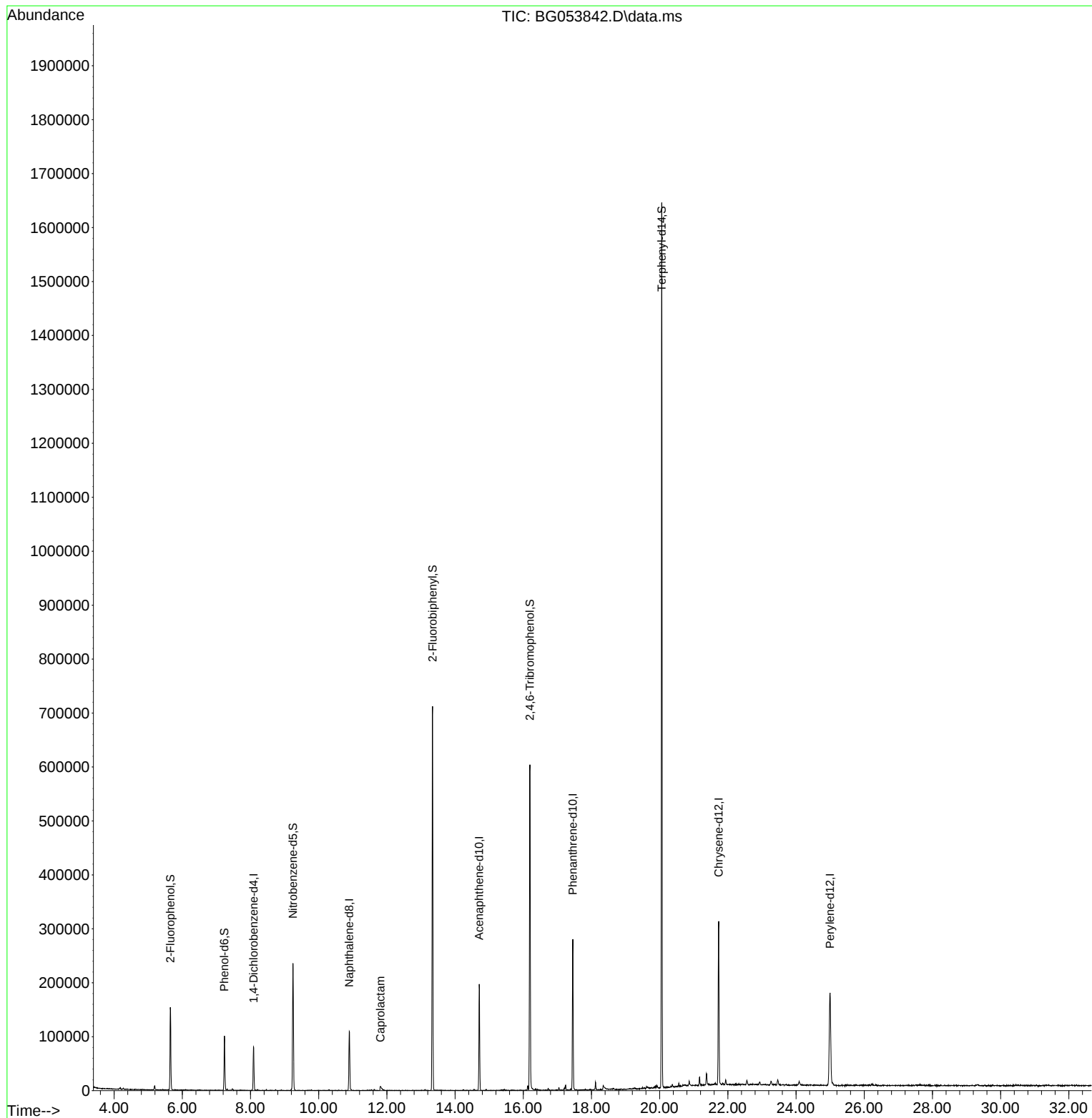
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	25318	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	103196	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	77854	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	197828	20.000	ng	0.00
76) Chrysene-d12	21.731	240	210854	20.000	ng	0.00
86) Perylene-d12	24.998	264	213911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	72963	52.921	ng	0.00
7) Phenol-d6	7.236	99	61628	32.998	ng	0.00
23) Nitrobenzene-d5	9.246	82	150850	95.992	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	146209	154.712	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	409061	78.603	ng	0.00
79) Terphenyl-d14	20.062	244	897643	84.693	ng	0.00
Target Compounds						
35) Caprolactam	11.813	113	2122	4.882	ng	Qvalue # 84

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

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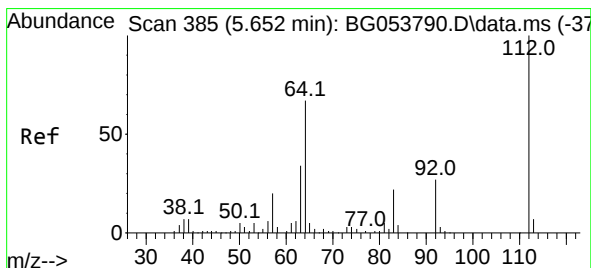
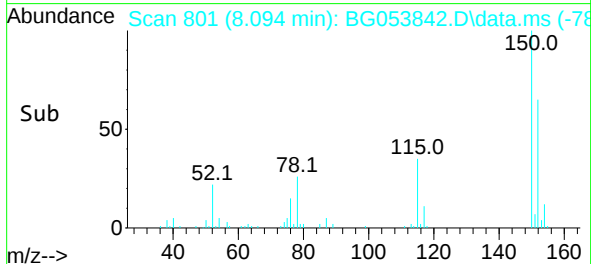
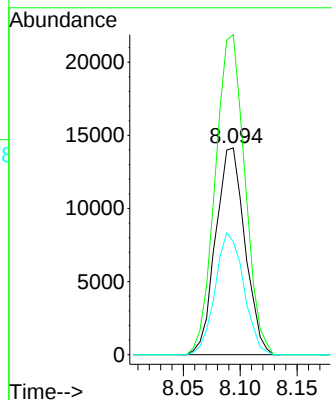
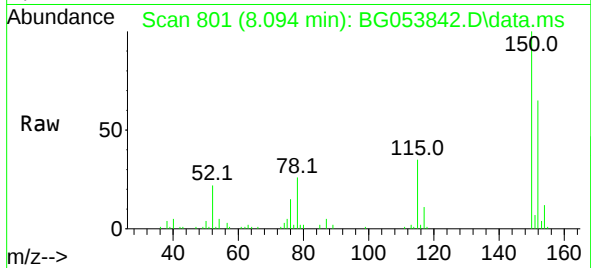




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

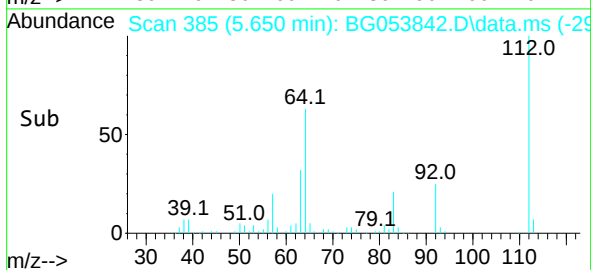
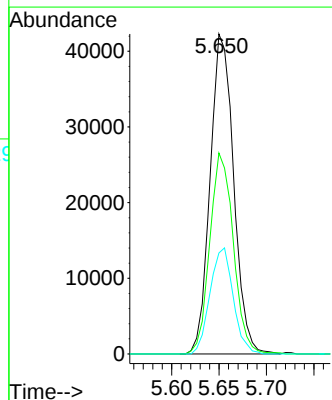
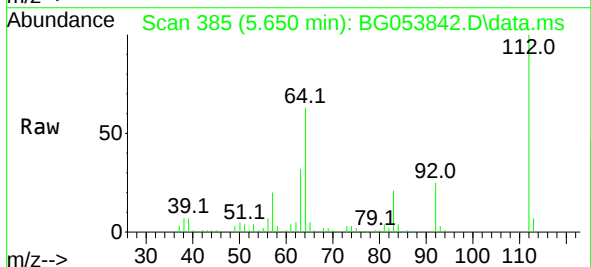
Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:152 Resp: 25318
Ion Ratio Lower Upper
152 100
150 154.8 131.6 197.4
115 54.7 50.9 76.3



#5
2-Fluorophenol
Concen: 52.921 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:112 Resp: 72963
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 31.5 30.4 45.6

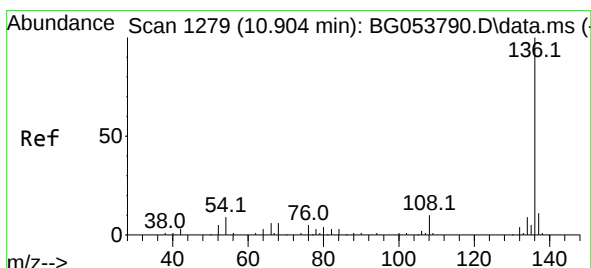
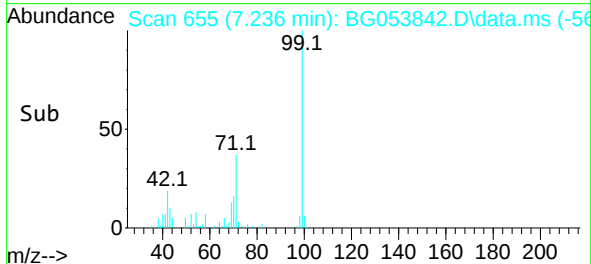
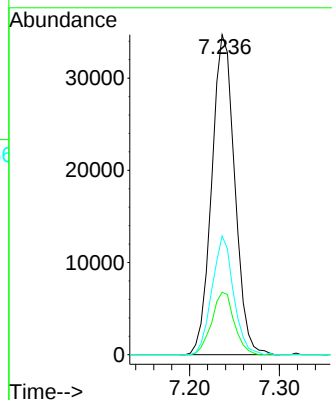
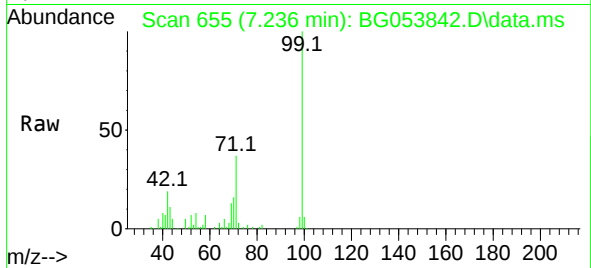




#7
Phenol-d6
Concen: 32.998 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

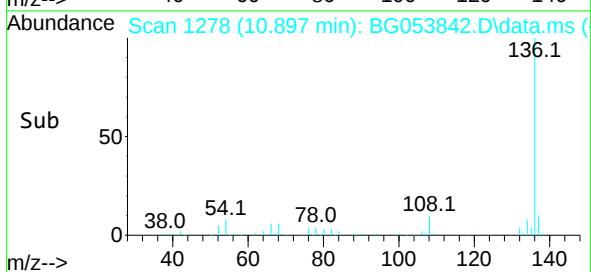
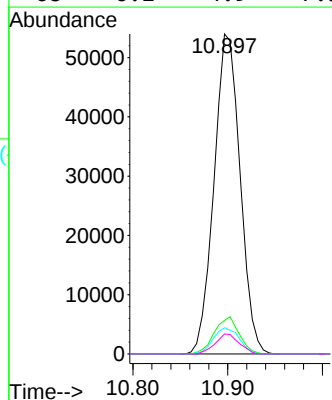
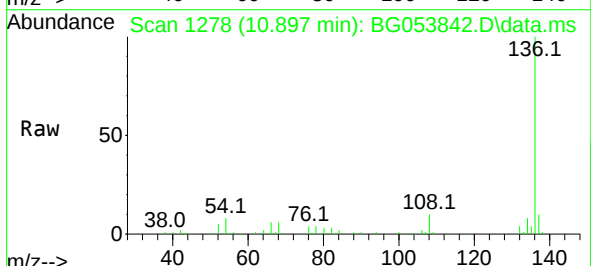
Instrument :
BNA_G
ClientSampleId :
MW-13

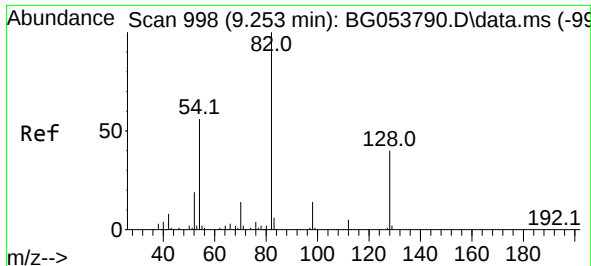
Tgt Ion: 99 Resp: 61628
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 37.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 1278
Delta R.T. -0.007 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion: 136 Resp: 103196
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 8.2 7.4 11.2
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 95.992 ng

RT: 9.246 min Scan# 91

Delta R.T. -0.007 min

Lab File: BG053842.D

Acq: 7 Jun 2022 18:22

Instrument :

BNA_G

ClientSampleId :

MW-13

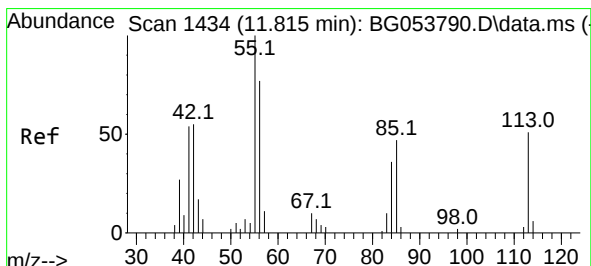
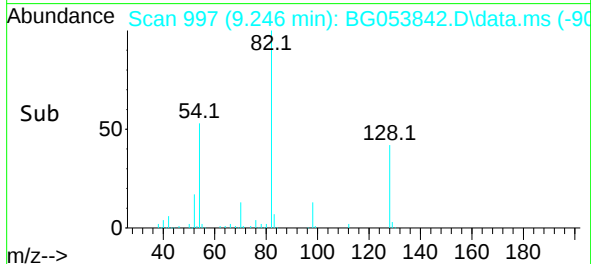
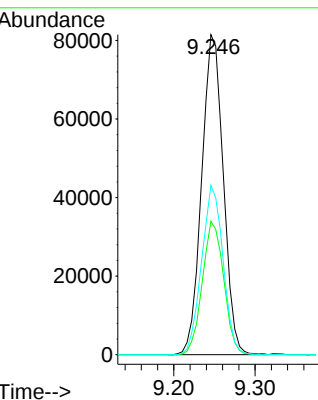
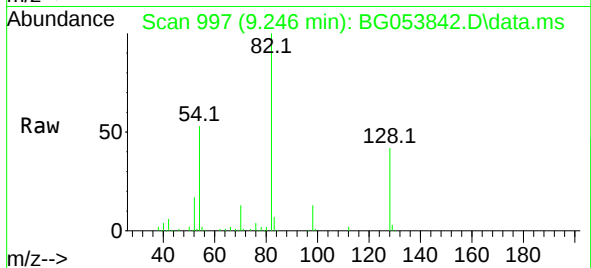
Tgt Ion: 82 Resp: 150850

Ion Ratio Lower Upper

82 100

128 41.7 27.9 41.9

54 52.9 41.2 61.8



#35

Caprolactam

Concen: 4.882 ng

RT: 11.813 min Scan# 1434

Delta R.T. -0.002 min

Lab File: BG053842.D

Acq: 7 Jun 2022 18:22

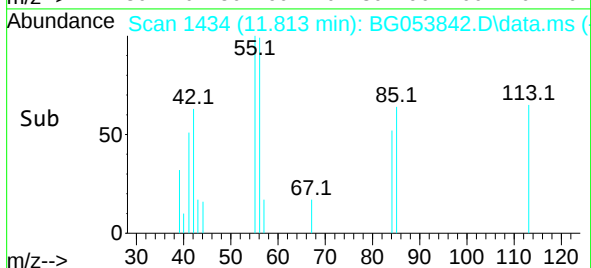
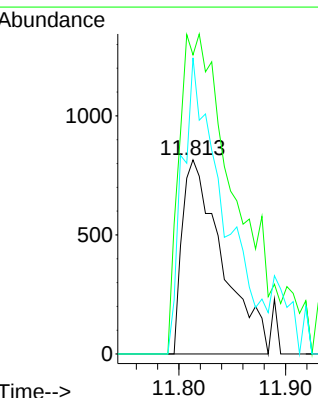
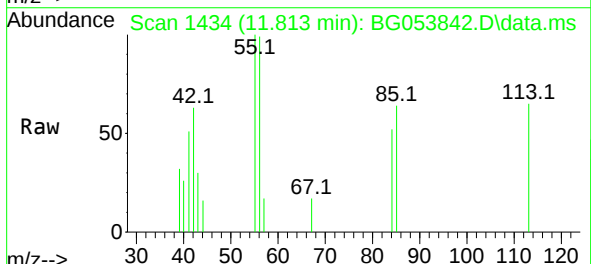
Tgt Ion: 113 Resp: 2122

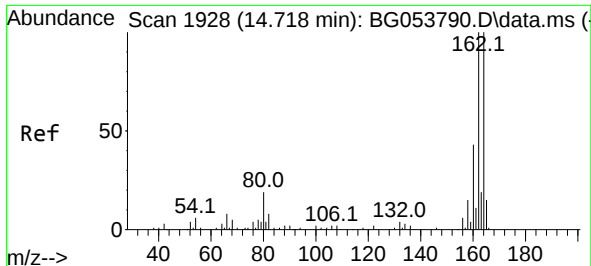
Ion Ratio Lower Upper

113 100

55 154.1 169.8 209.8#

56 152.6 141.2 181.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.710 min Scan# 1928

Delta R.T. -0.008 min

Lab File: BG053842.D

Acq: 7 Jun 2022 18:22

Instrument :

BNA_G

ClientSampleId :

MW-13

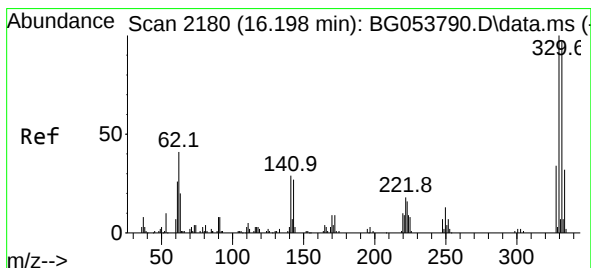
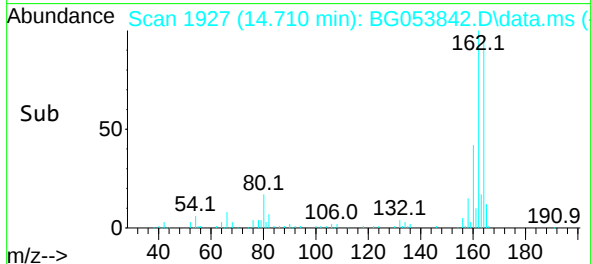
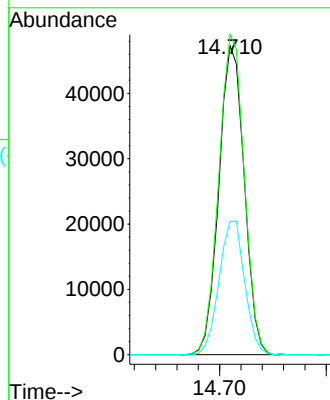
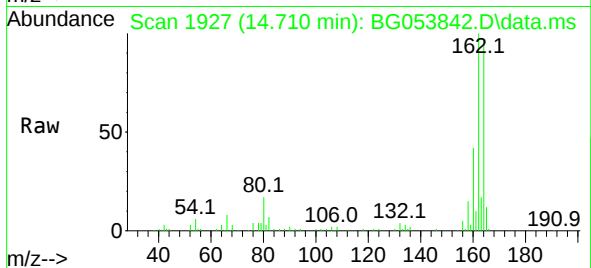
Tgt Ion:164 Resp: 77854

Ion Ratio Lower Upper

164 100

162 103.6 82.3 123.5

160 43.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 154.712 ng

RT: 16.196 min Scan# 2180

Delta R.T. -0.002 min

Lab File: BG053842.D

Acq: 7 Jun 2022 18:22

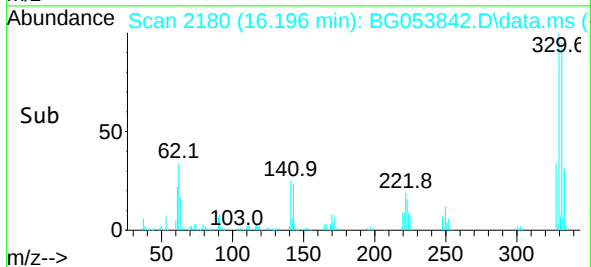
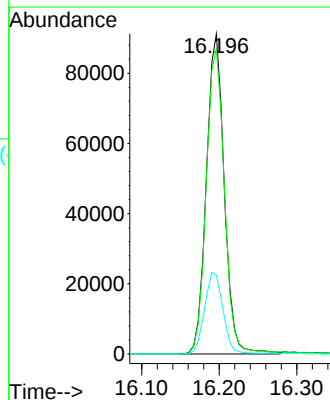
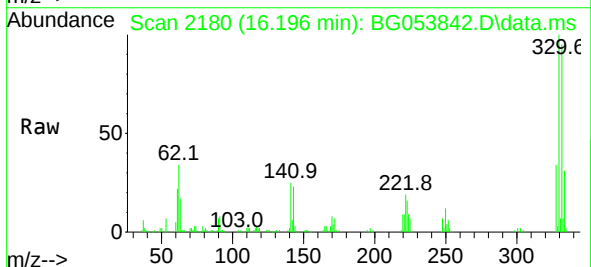
Tgt Ion:330 Resp: 146209

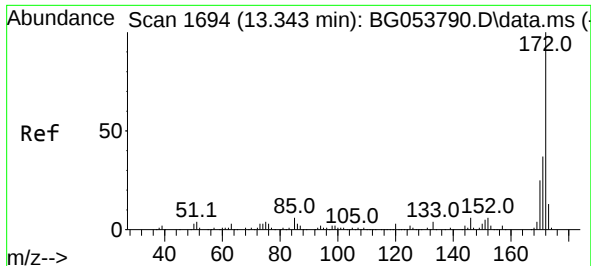
Ion Ratio Lower Upper

330 100

332 97.0 76.0 114.0

141 26.3 27.1 40.7#

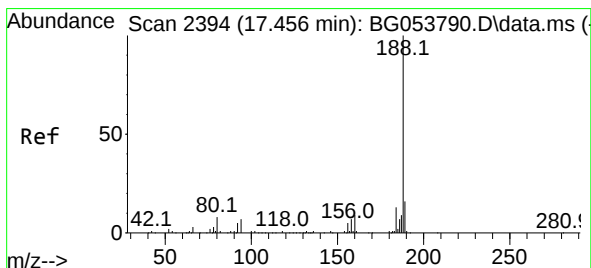
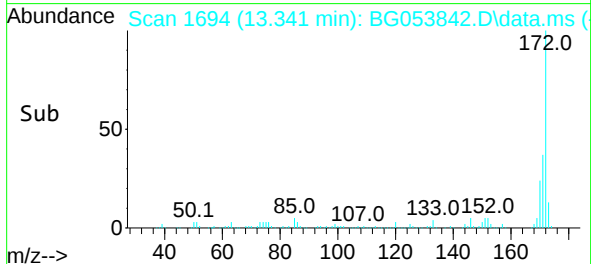
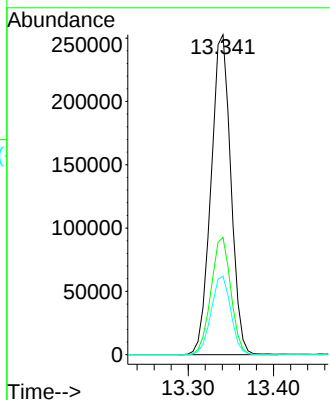
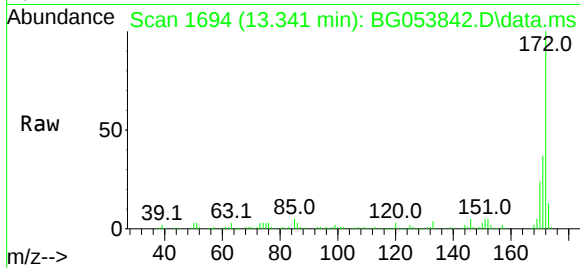




#45
2-Fluorobiphenyl
Concen: 78.603 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

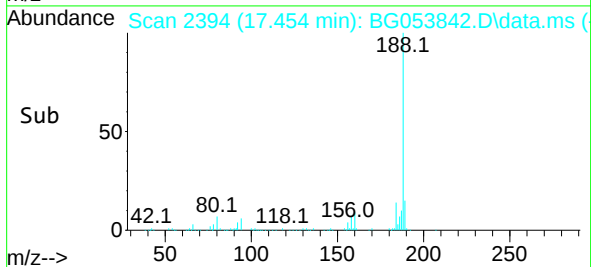
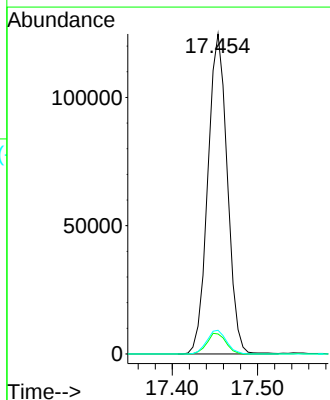
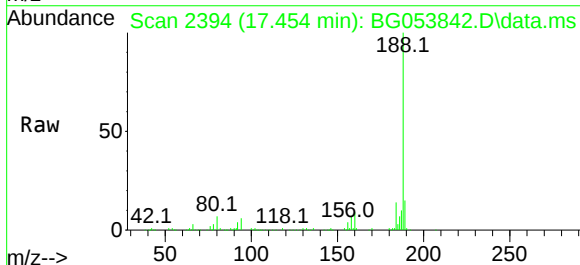
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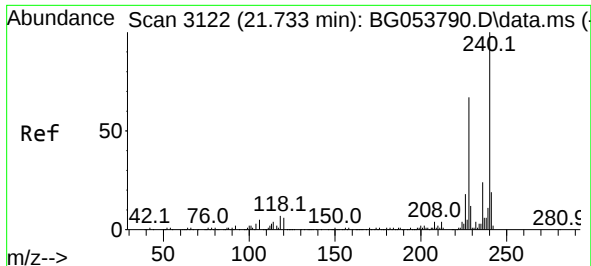
Tgt Ion:172 Resp: 409061
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2394
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:188 Resp: 197828
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.4 6.8 10.2

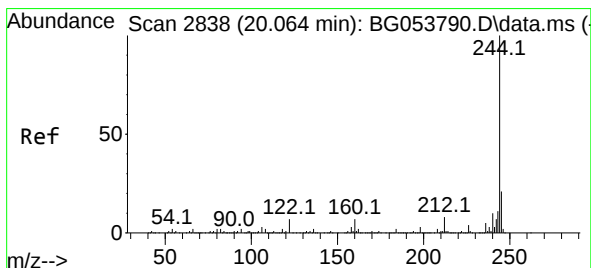
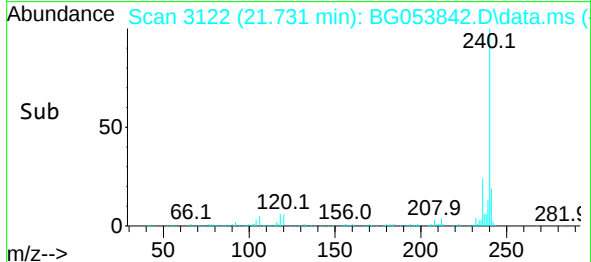
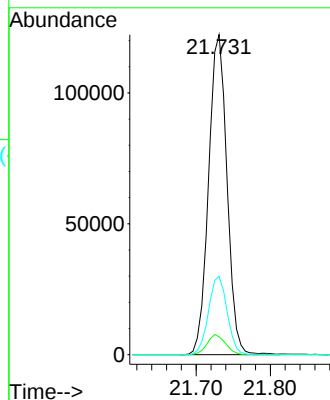
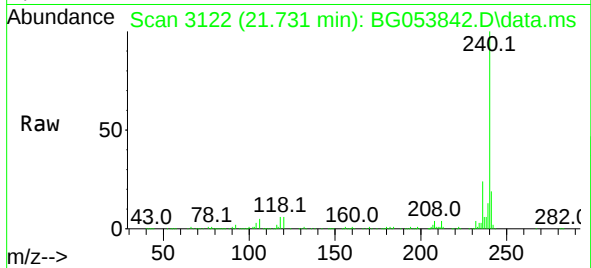




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

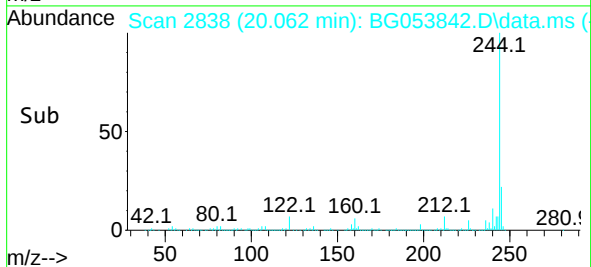
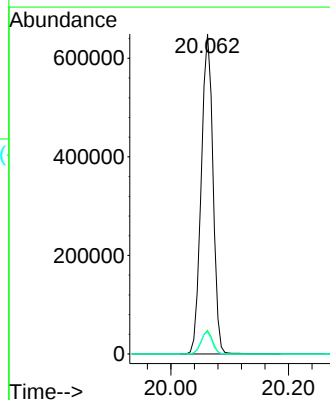
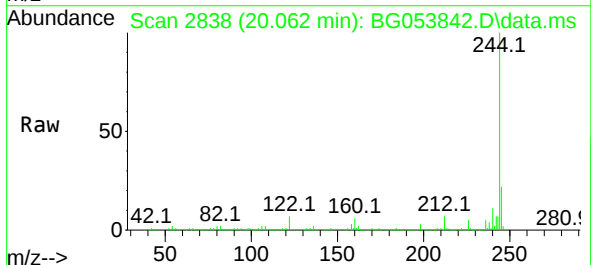
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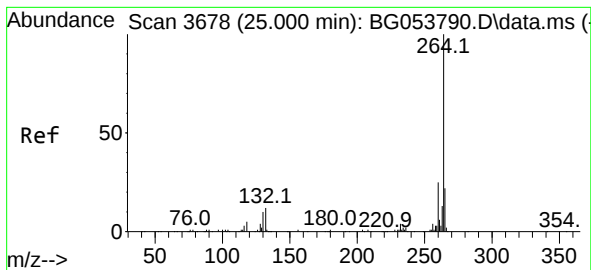
Tgt Ion:240 Resp: 210854
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.4 20.2 30.4



#79
Terphenyl-d14
Concen: 84.693 ng
RT: 20.062 min Scan# 2838
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:244 Resp: 897643
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.8 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG053842.D

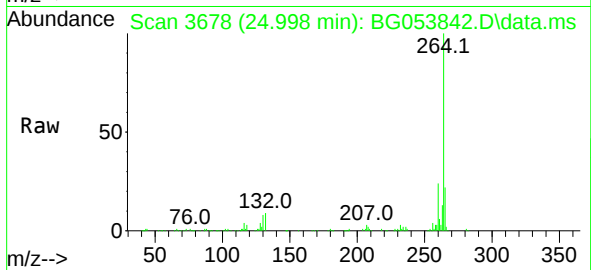
Acq: 7 Jun 2022 18:22

Instrument :

BNA_G

ClientSampleId :

MW-13



Tgt Ion:264 Resp: 213911

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.8 17.4 26.2

