

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054149.D
 Acq On : 29 Jun 2022 17:37
 Operator : CG/JU
 Sample : N3531-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-1

Quant Time: Jun 29 19:12:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	21589	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	84892	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	64417	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	172853	20.000	ng	0.00
76) Chrysene-d12	21.711	240	194959	20.000	ng	0.00
86) Perylene-d12	24.972	264	195980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	146925	130.116	ng	0.00
7) Phenol-d6	7.228	99	193734	126.473	ng	0.00
23) Nitrobenzene-d5	9.225	82	127196	84.200	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	135174	130.606	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	351139	79.265	ng	0.00
79) Terphenyl-d14	20.048	244	782078	80.795	ng	0.00

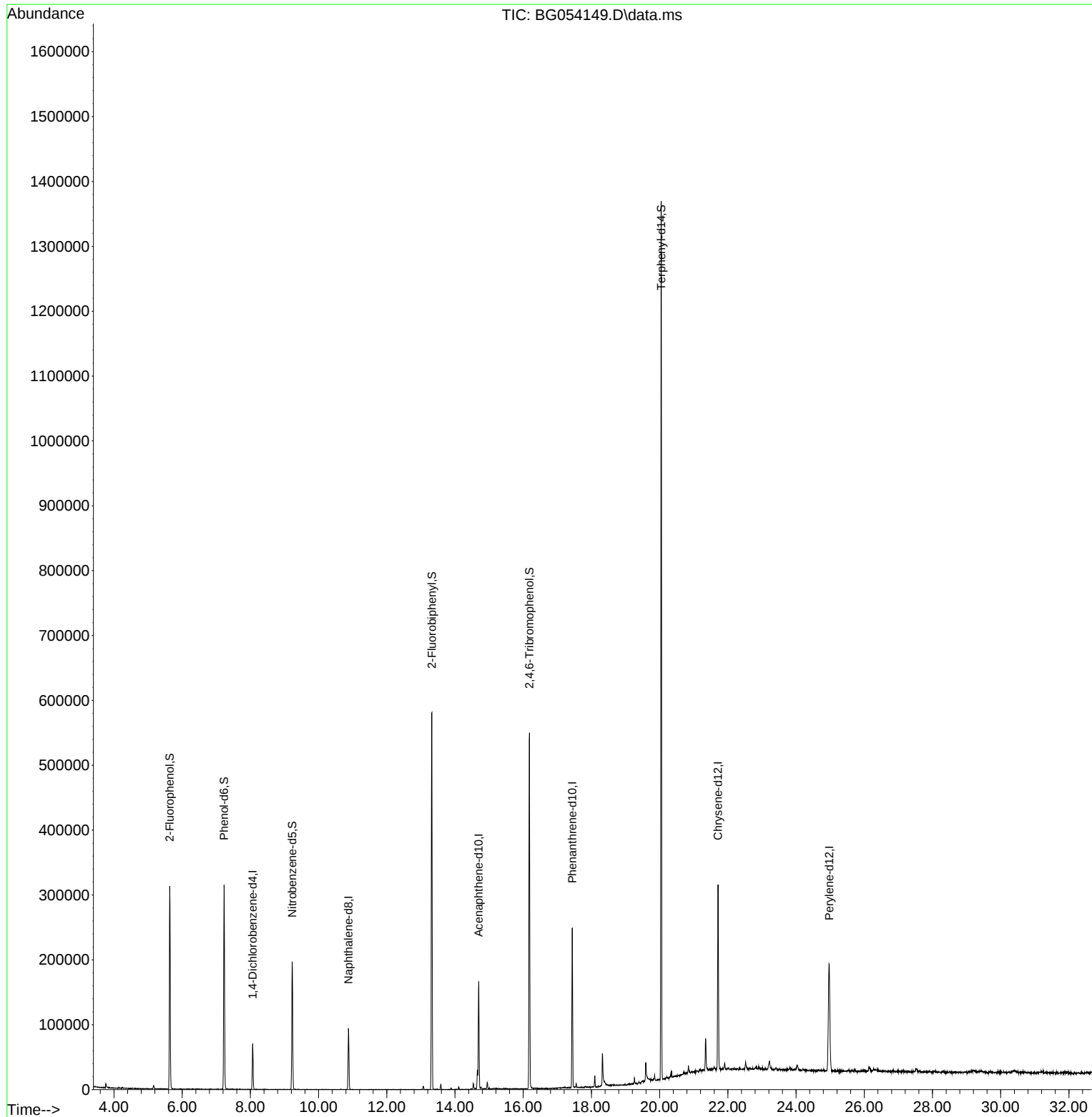
Target Compounds	Qvalue

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

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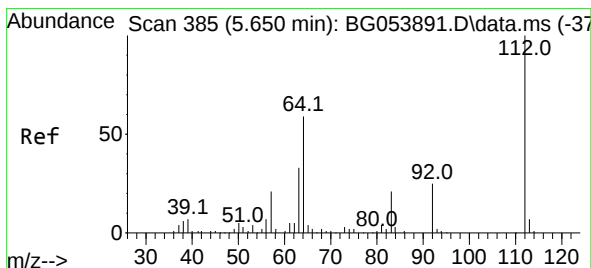
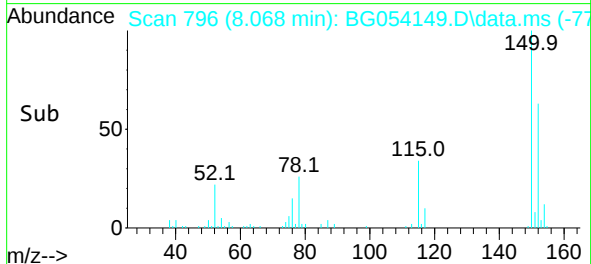
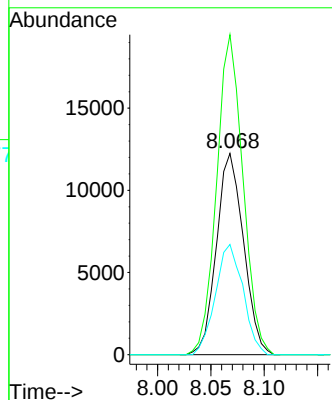
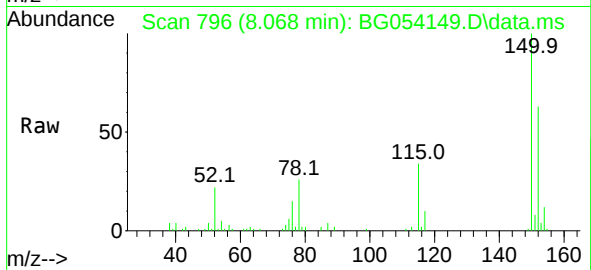




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.068 min Scan# 79
 Delta R.T. -0.002 min
 Lab File: BG054149.D
 Acq: 29 Jun 2022 17:37

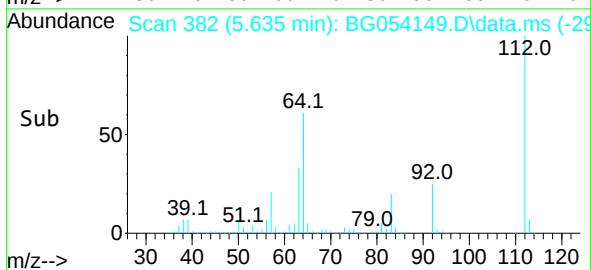
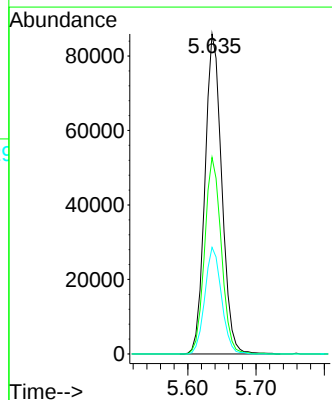
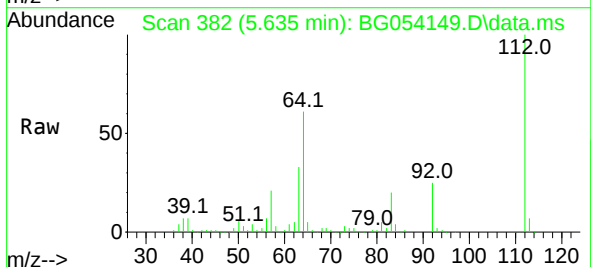
Instrument :
 BNA_G
 ClientSampleId :
 W-1

Tgt Ion:152 Resp: 21589
 Ion Ratio Lower Upper
 152 100
 150 159.0 131.6 197.4
 115 54.8 50.9 76.3



#5
 2-Fluorophenol
 Concen: 130.116 ng
 RT: 5.635 min Scan# 382
 Delta R.T. -0.002 min
 Lab File: BG054149.D
 Acq: 29 Jun 2022 17:37

Tgt Ion:112 Resp: 146925
 Ion Ratio Lower Upper
 112 100
 64 61.4 55.1 82.7
 63 33.3 30.4 45.6

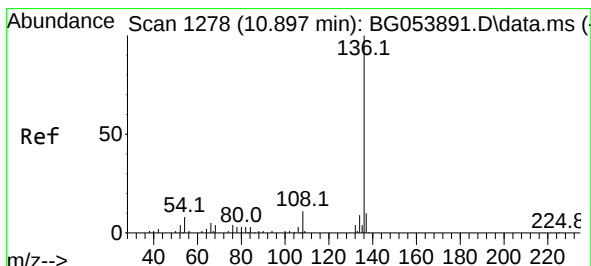
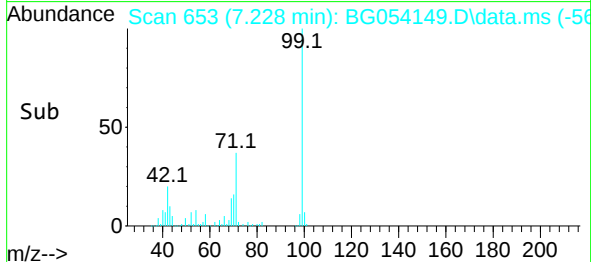
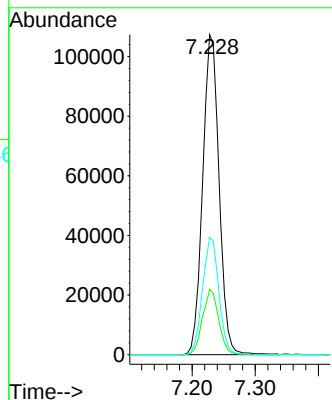
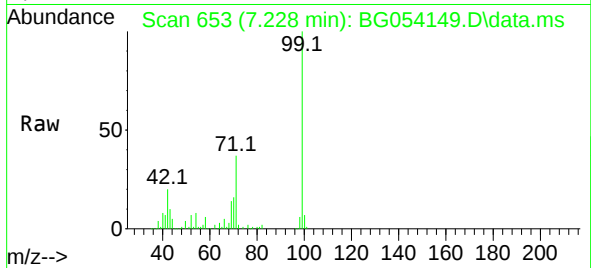




#7
Phenol-d6
Concen: 126.473 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

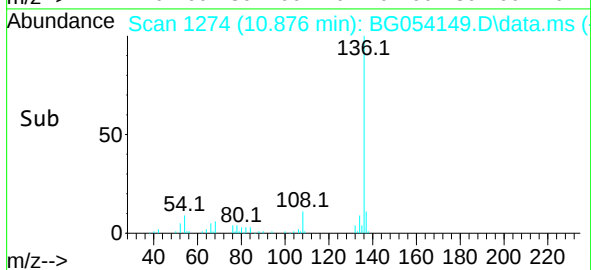
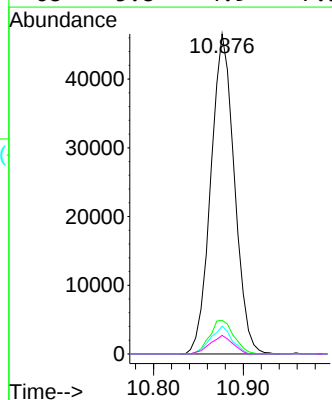
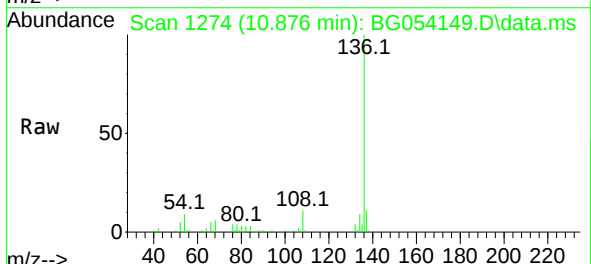
Instrument :
BNA_G
ClientSampleId :
W-1

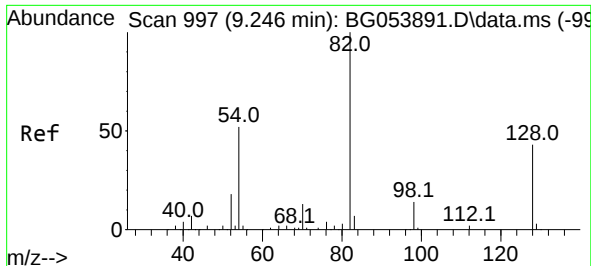
Tgt Ion: 99 Resp: 193734
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 36.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.876 min Scan# 1274
Delta R.T. -0.002 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

Tgt Ion: 136 Resp: 84892
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 8.7 7.4 11.2
68 5.8 4.9 7.3

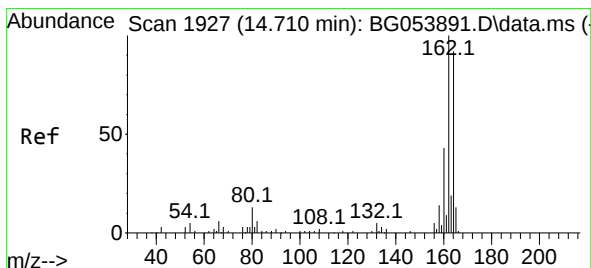
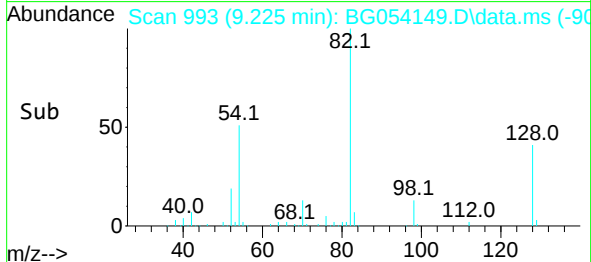
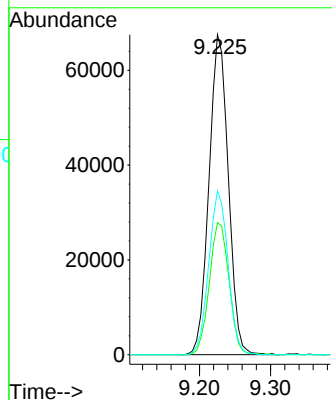
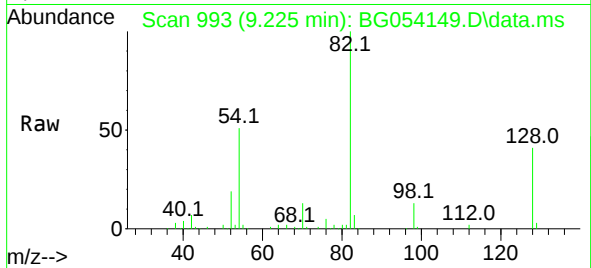




#23
Nitrobenzene-d5
Concen: 84.200 ng
RT: 9.225 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

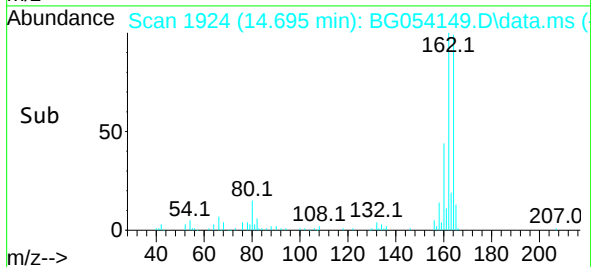
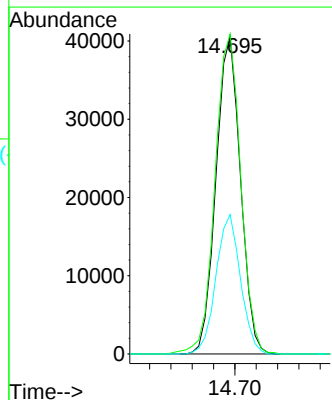
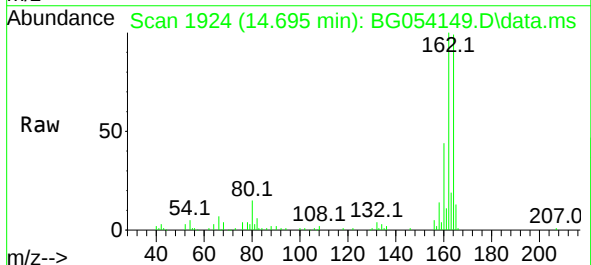
Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion: 82 Resp: 127196
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 51.2 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

Tgt Ion: 164 Resp: 64417
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 43.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 130.606 ng

RT: 16.182 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054149.D

Acq: 29 Jun 2022 17:37

Instrument :

BNA_G

ClientSampleId :

W-1

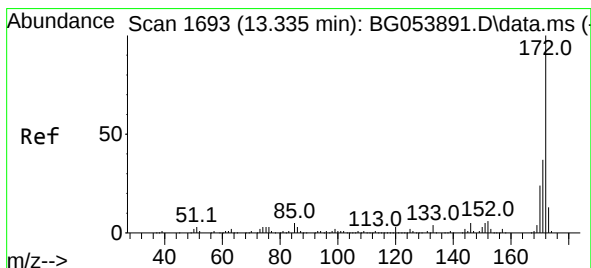
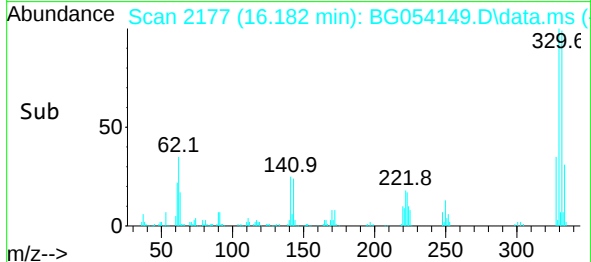
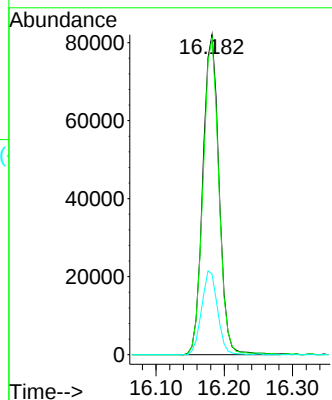
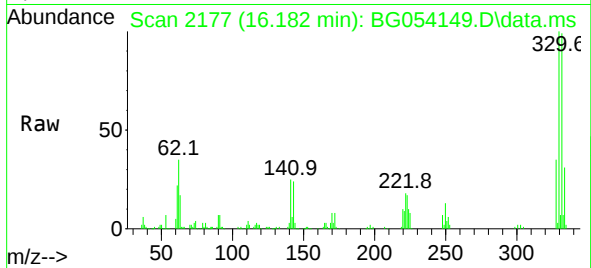
Tgt Ion:330 Resp: 135174

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

141 25.7 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 79.265 ng

RT: 13.321 min Scan# 1690

Delta R.T. -0.002 min

Lab File: BG054149.D

Acq: 29 Jun 2022 17:37

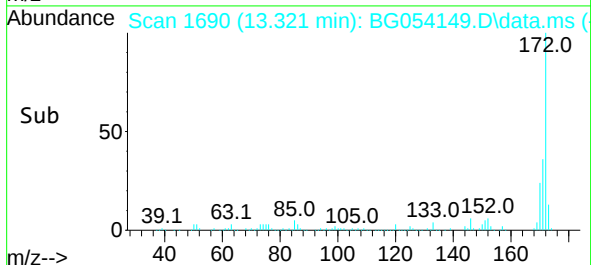
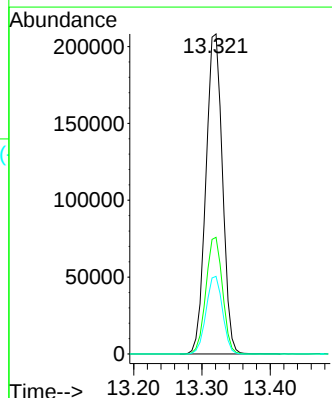
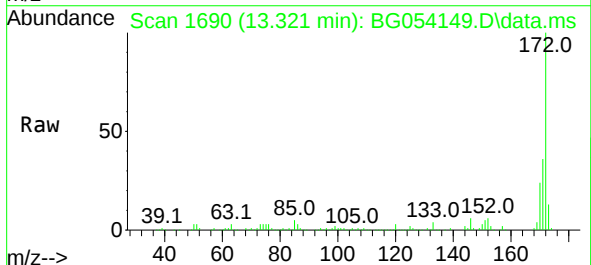
Tgt Ion:172 Resp: 351139

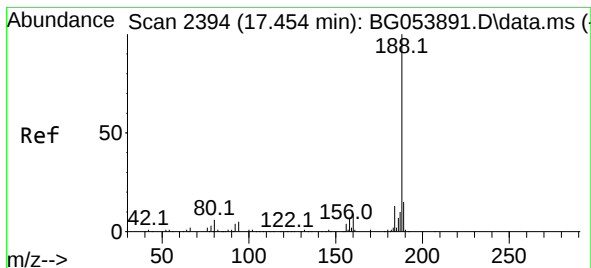
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.439 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054149.D

Acq: 29 Jun 2022 17:37

Instrument :

BNA_G

ClientSampleId :

W-1

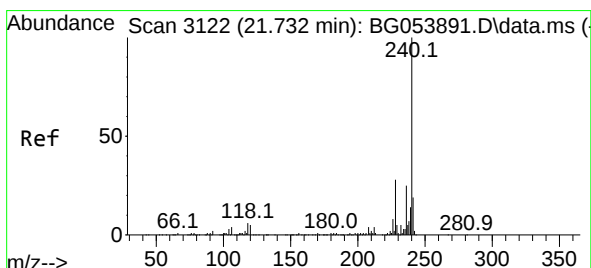
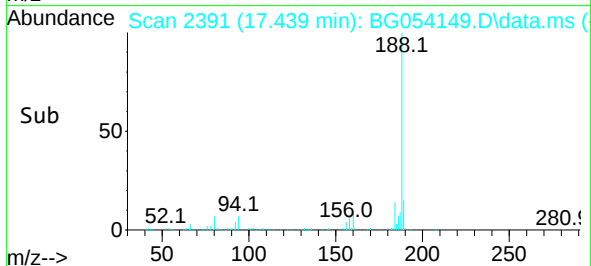
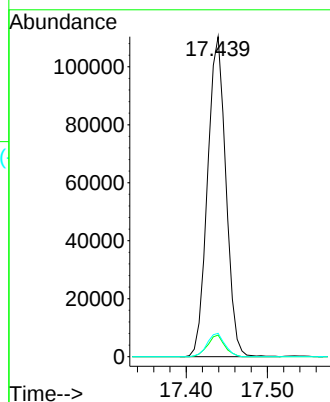
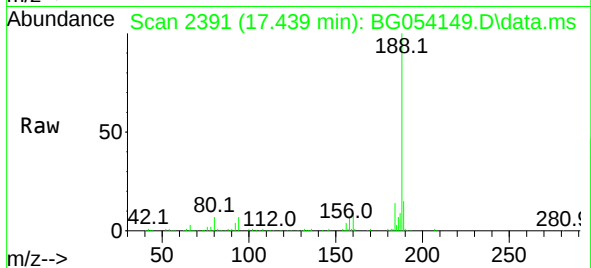
Tgt Ion:188 Resp: 172853

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 7.3 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.711 min Scan# 3118

Delta R.T. -0.008 min

Lab File: BG054149.D

Acq: 29 Jun 2022 17:37

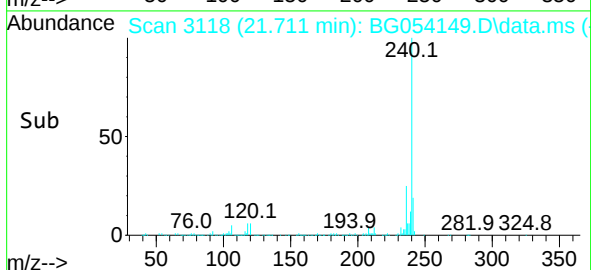
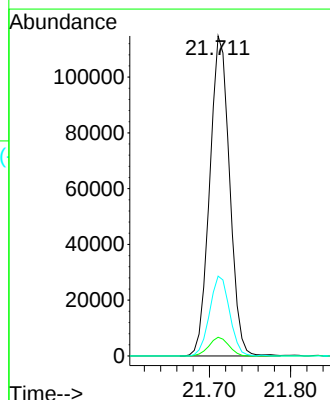
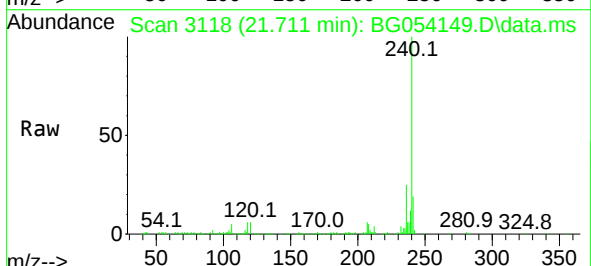
Tgt Ion:240 Resp: 194959

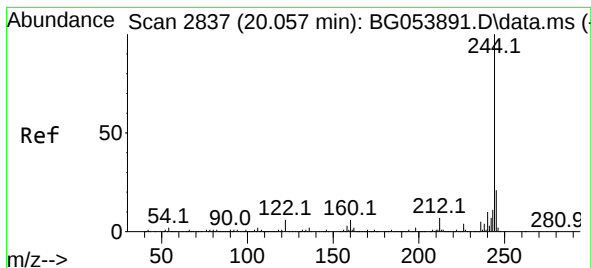
Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

236 25.0 20.2 30.4





#79

Terphenyl-d14

Concen: 80.795 ng

RT: 20.048 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG054149.D

Acq: 29 Jun 2022 17:37

Instrument :

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ClientSampleId :

W-1

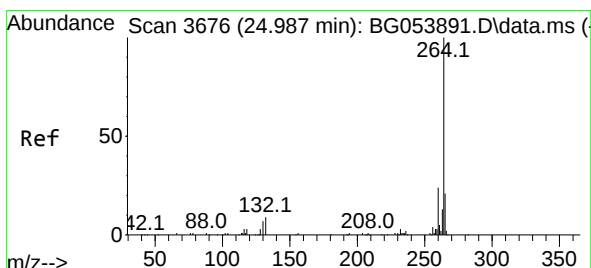
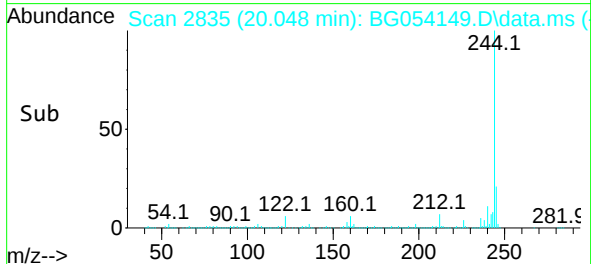
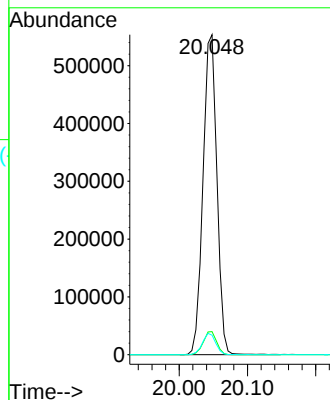
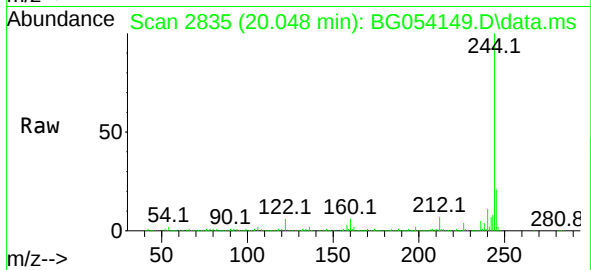
Tgt Ion:244 Resp: 782078

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 6.1 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.972 min Scan# 3673

Delta R.T. 0.009 min

Lab File: BG054149.D

Acq: 29 Jun 2022 17:37

Tgt Ion:264 Resp: 195980

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.6

265 20.7 17.4 26.2

