

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054178.D
 Acq On : 30 Jun 2022 20:45
 Operator : CG/JU
 Sample : N3547-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-1

Quant Time: Jul 01 04:05:30 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)

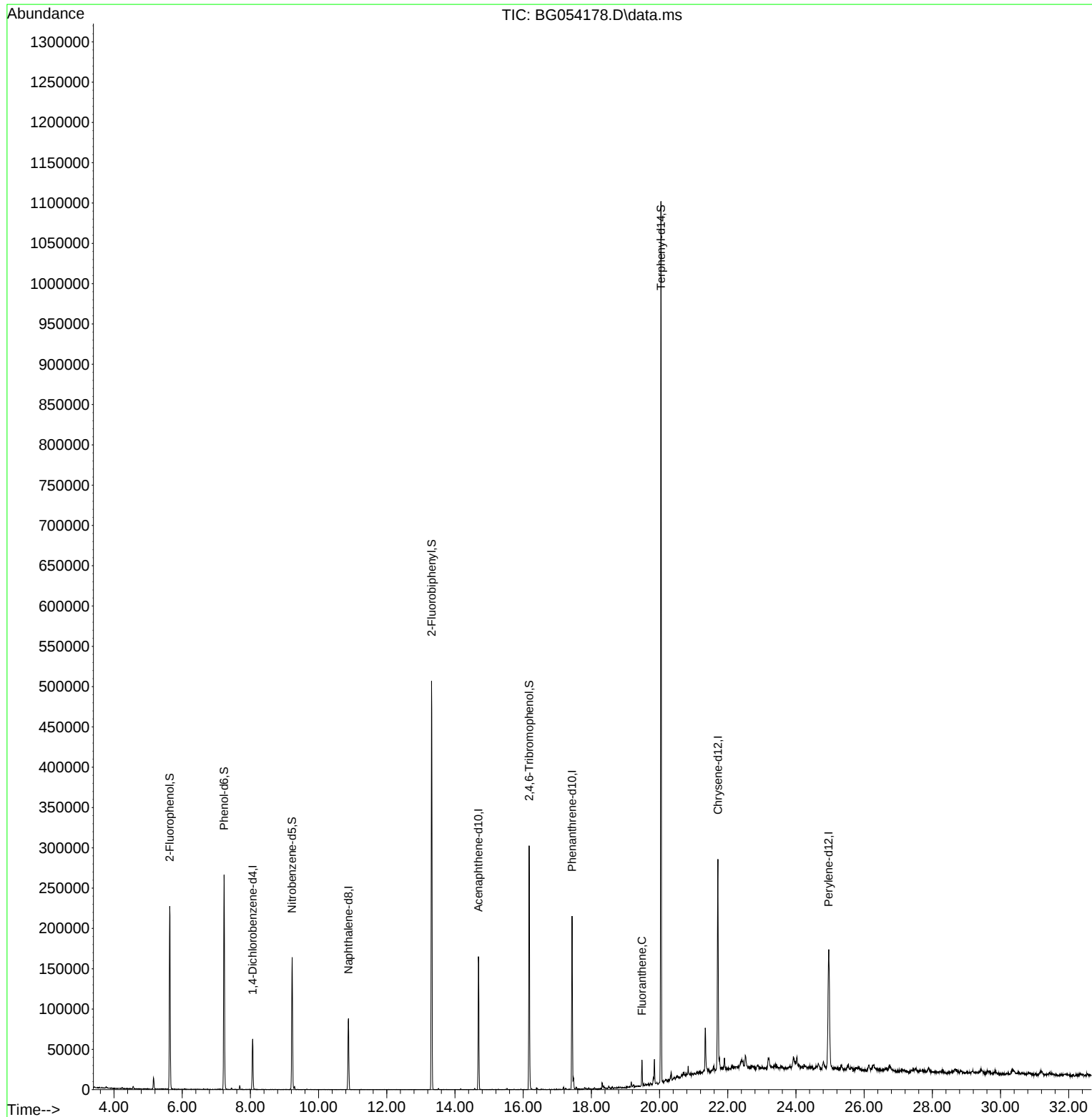
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	20177	20.000	ng	0.00
21) Naphthalene-d8	10.875	136	81650	20.000	ng	# 0.00
39) Acenaphthene-d10	14.688	164	63179	20.000	ng	0.00
64) Phenanthrene-d10	17.432	188	158994	20.000	ng	# 0.00
76) Chrysene-d12	21.709	240	175256	20.000	ng	# 0.00
86) Perylene-d12	24.959	264	181279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	106406	100.827	ng	0.00
7) Phenol-d6	7.226	99	157073	109.716	ng	0.00
23) Nitrobenzene-d5	9.224	82	104542	71.952	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	74072	72.971	ng	0.00
45) 2-Fluorobiphenyl	13.313	172	298441	68.689	ng	0.00
79) Terphenyl-d14	20.041	244	628204	72.195	ng	0.00
Target Compounds						
75) Fluoranthene	19.483	202	22322	2.082	ng	Qvalue 96

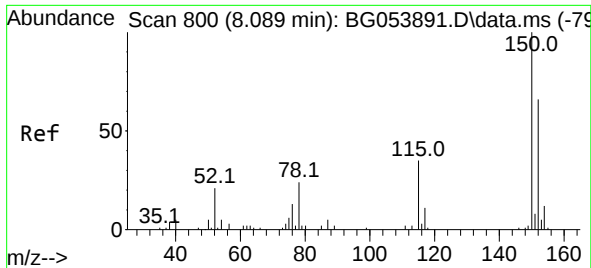
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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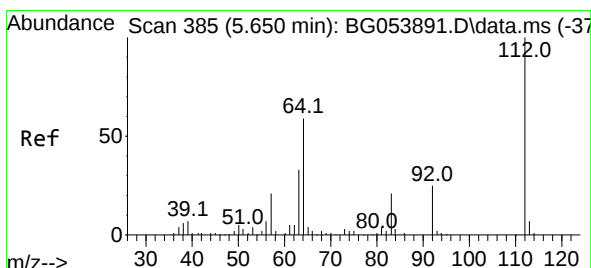
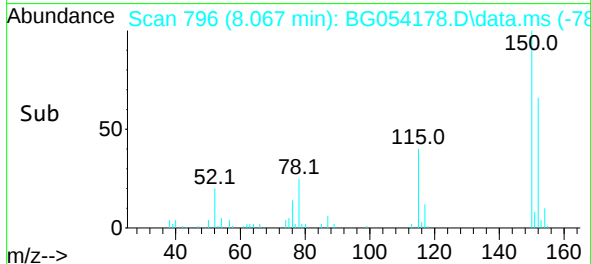
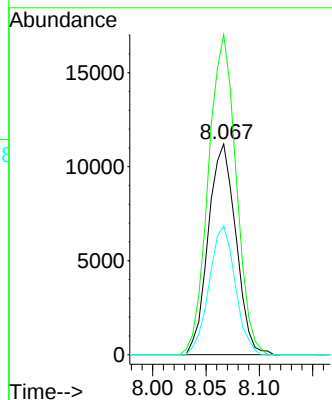
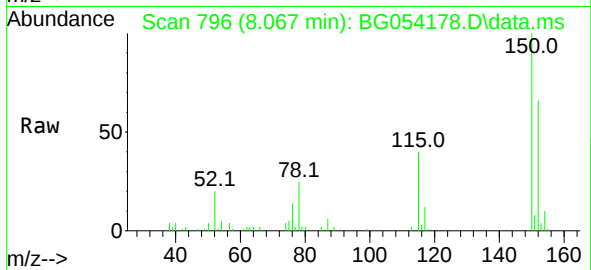




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.067 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG054178.D
Acq: 30 Jun 2022 20:45

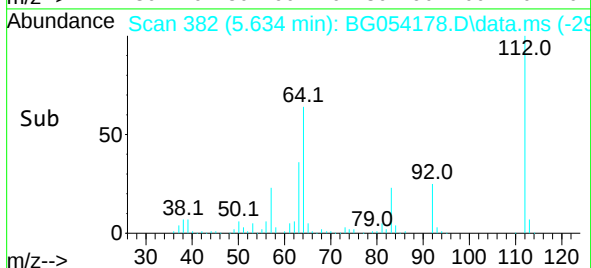
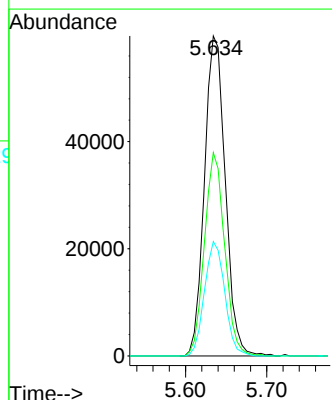
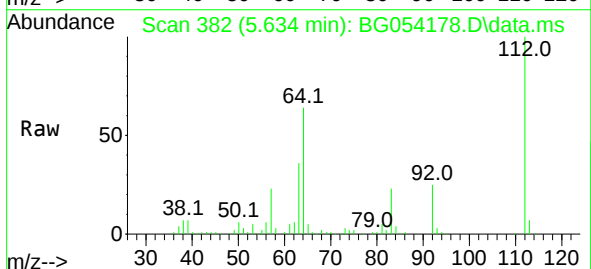
Instrument :
BNA_G
ClientSampleId :
T-1

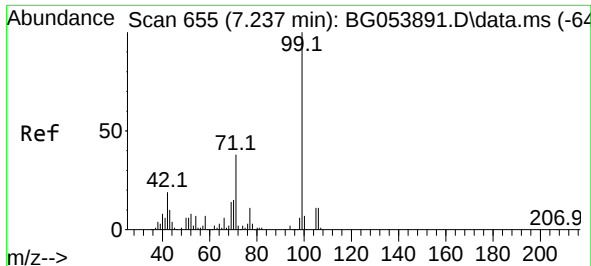
Tgt Ion:152 Resp: 20177
Ion Ratio Lower Upper
152 100
150 151.9 131.6 197.4
115 61.1 50.9 76.3



#5
2-Fluorophenol
Concen: 100.827 ng
RT: 5.634 min Scan# 382
Delta R.T. -0.004 min
Lab File: BG054178.D
Acq: 30 Jun 2022 20:45

Tgt Ion:112 Resp: 106406
Ion Ratio Lower Upper
112 100
64 63.6 55.1 82.7
63 35.8 30.4 45.6

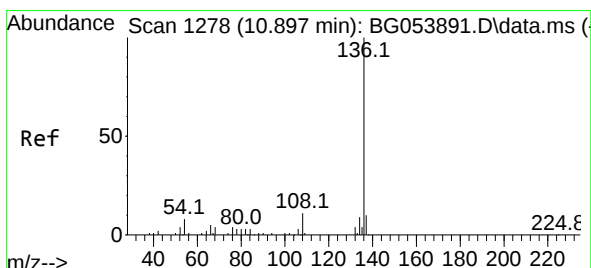
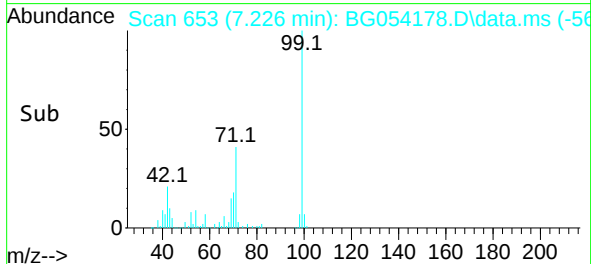
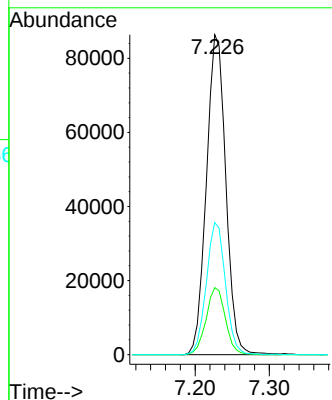
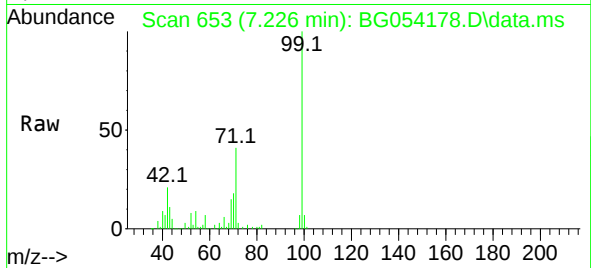




#7
Phenol-d6
Concen: 109.716 ng
RT: 7.226 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054178.D
Acq: 30 Jun 2022 20:45

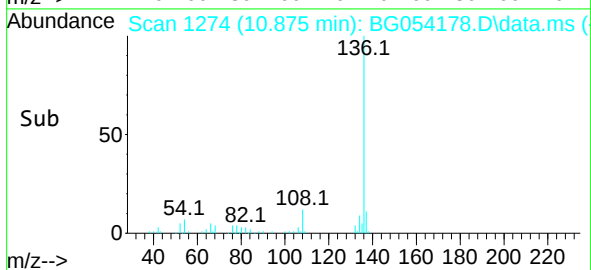
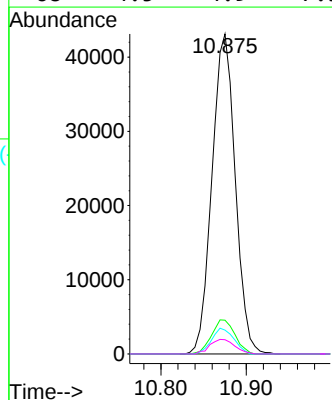
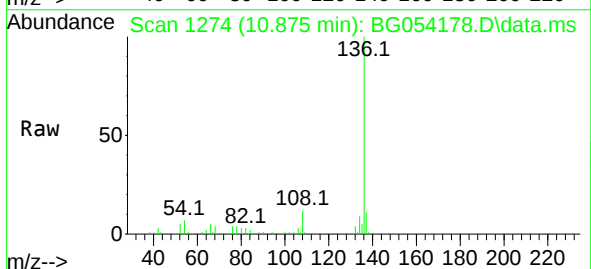
Instrument :
BNA_G
ClientSampleId :
T-1

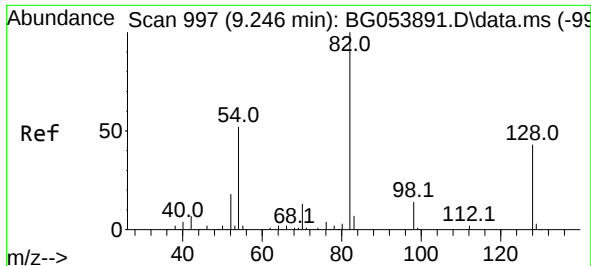
Tgt Ion: 99 Resp: 157073
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 41.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.875 min Scan# 1274
Delta R.T. -0.004 min
Lab File: BG054178.D
Acq: 30 Jun 2022 20:45

Tgt Ion: 136 Resp: 81650
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.5 7.4 11.2
68 4.5 4.9 7.3#

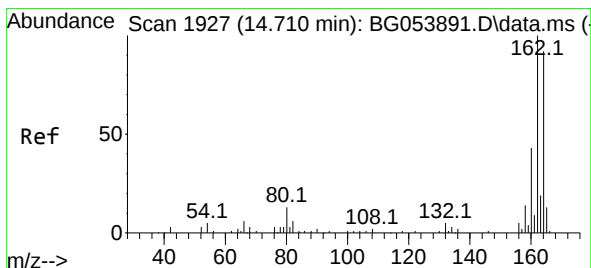
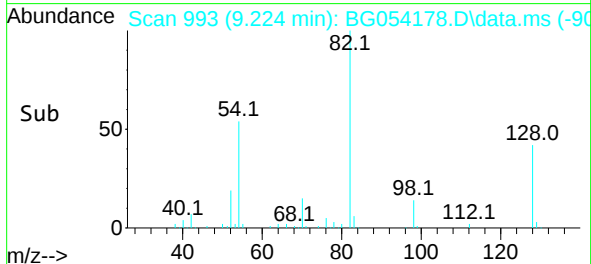
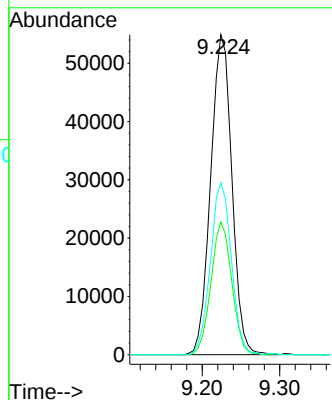
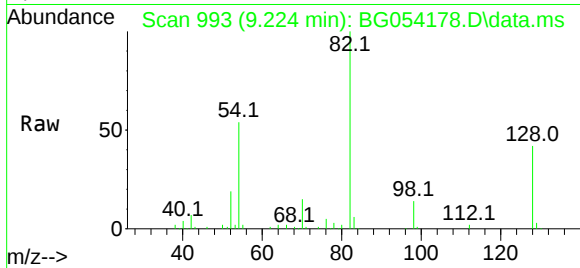




#23
 Nitrobenzene-d5
 Concen: 71.952 ng
 RT: 9.224 min Scan# 997
 Delta R.T. -0.010 min
 Lab File: BG054178.D
 Acq: 30 Jun 2022 20:45

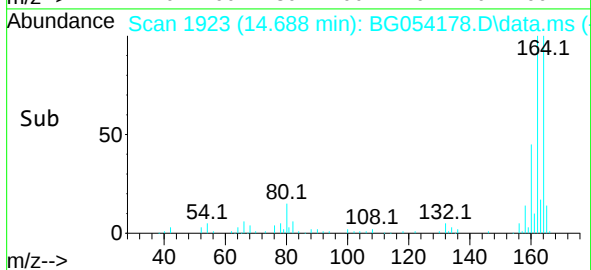
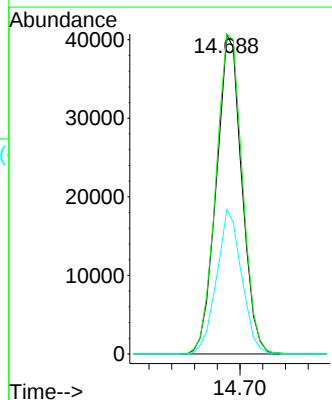
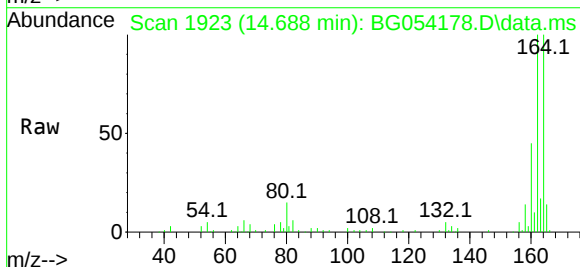
Instrument :
 BNA_G
 ClientSampleId :
 T-1

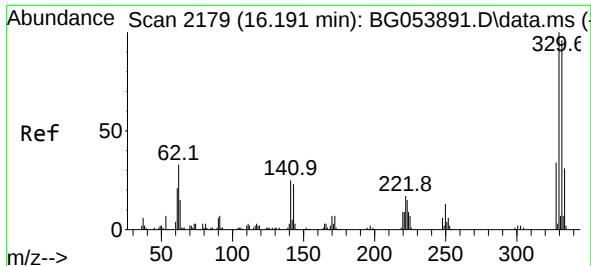
Tgt Ion: 82 Resp: 104542
 Ion Ratio Lower Upper
 82 100
 128 41.5 27.9 41.9
 54 53.8 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.688 min Scan# 1923
 Delta R.T. -0.010 min
 Lab File: BG054178.D
 Acq: 30 Jun 2022 20:45

Tgt Ion: 164 Resp: 63179
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.3 123.5
 160 45.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 72.971 ng

RT: 16.175 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG054178.D

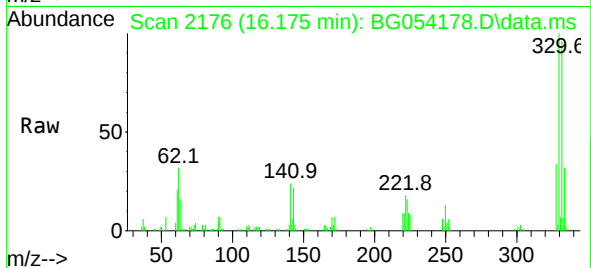
Acq: 30 Jun 2022 20:45

Instrument :

BNA_G

ClientSampleId :

T-1



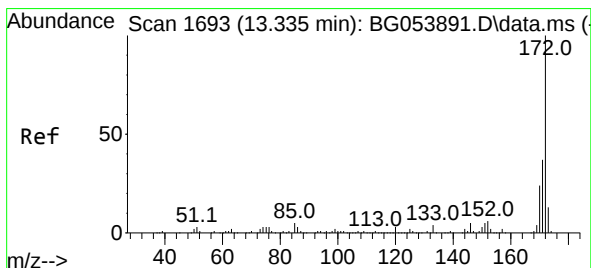
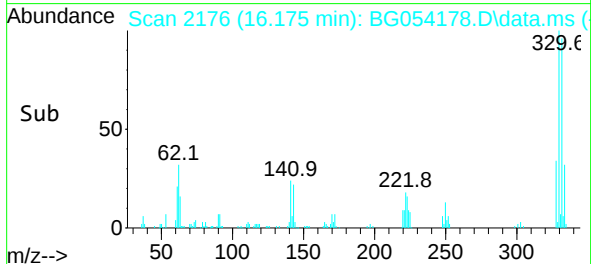
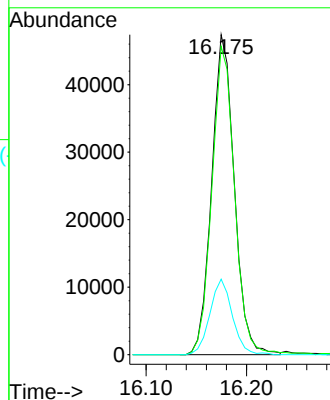
Tgt Ion:330 Resp: 74072

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 23.5 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 68.689 ng

RT: 13.313 min Scan# 1689

Delta R.T. -0.010 min

Lab File: BG054178.D

Acq: 30 Jun 2022 20:45

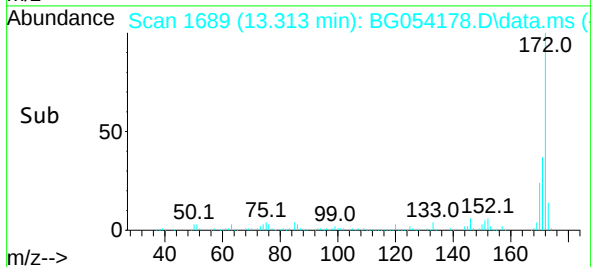
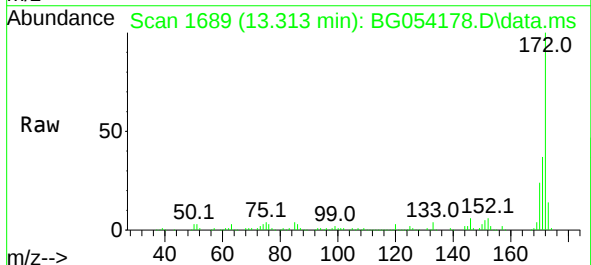
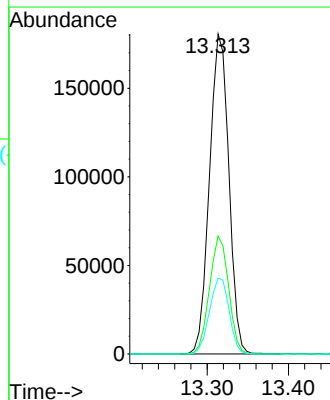
Tgt Ion:172 Resp: 298441

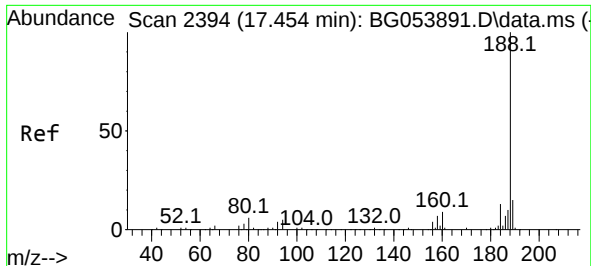
Ion Ratio Lower Upper

172 100

171 36.9 28.5 42.7

170 23.7 18.9 28.3

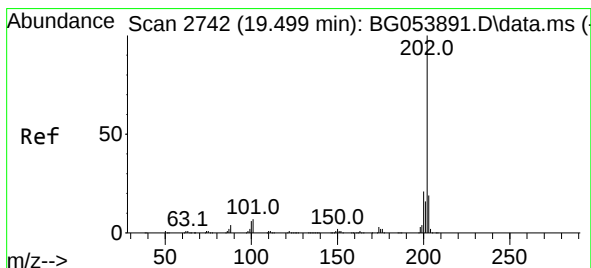
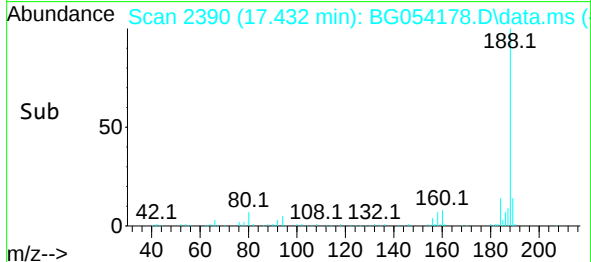
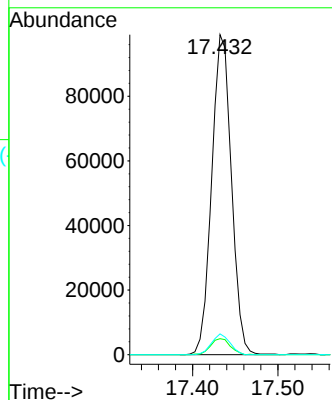
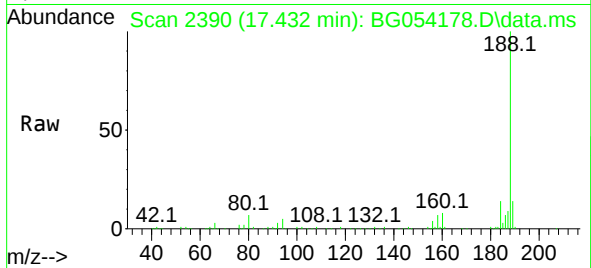




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.432 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG054178.D
Acq: 30 Jun 2022 20:45

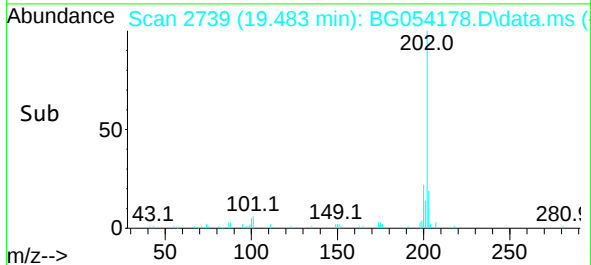
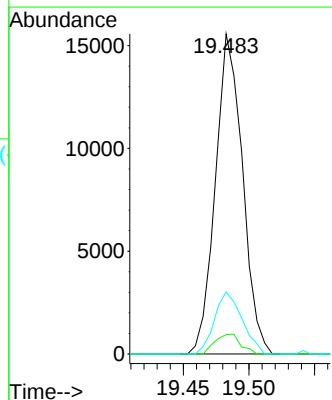
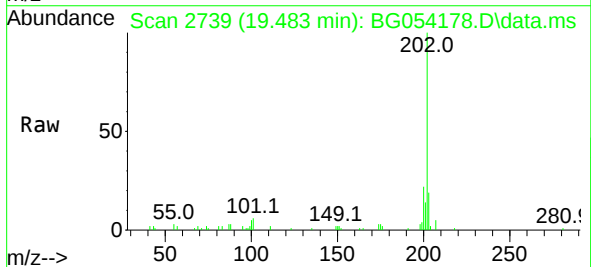
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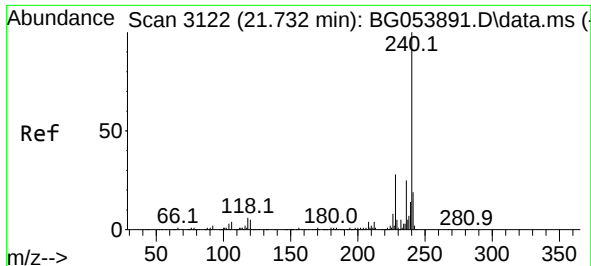
Tgt Ion:188 Resp: 158994
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.5 6.8 10.2#



#75
Fluoranthene
Concen: 2.082 ng
RT: 19.483 min Scan# 2739
Delta R.T. -0.010 min
Lab File: BG054178.D
Acq: 30 Jun 2022 20:45

Tgt Ion:202 Resp: 22322
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.9
203 19.4 0.0 37.2

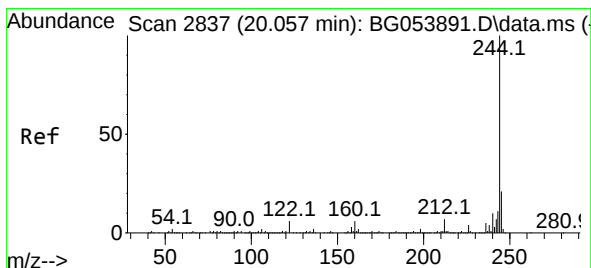
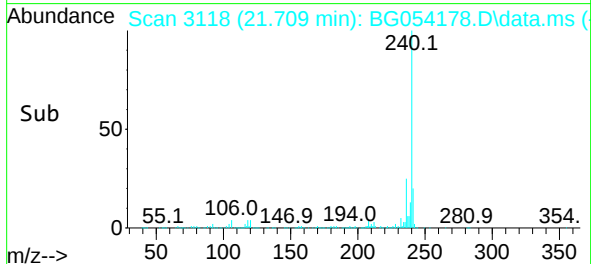
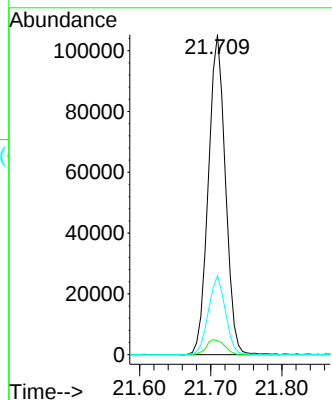
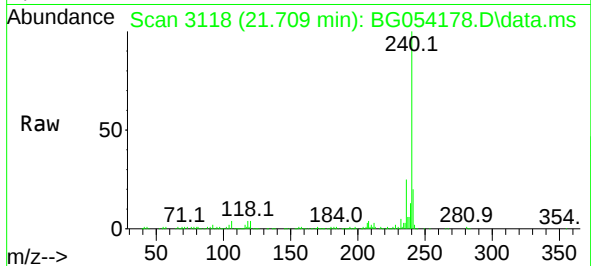




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.709 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG054178.D
Acq: 30 Jun 2022 20:45

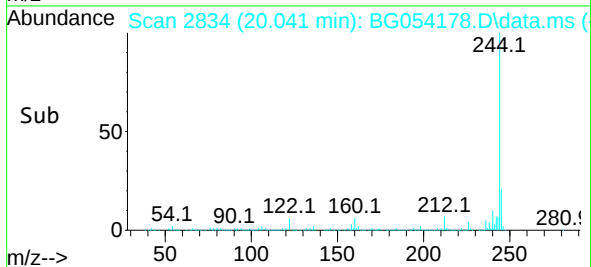
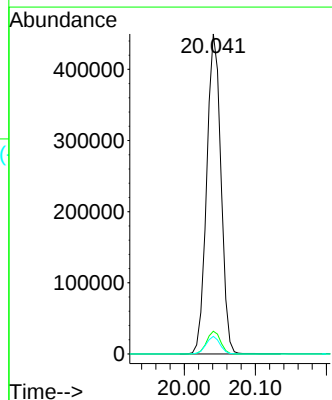
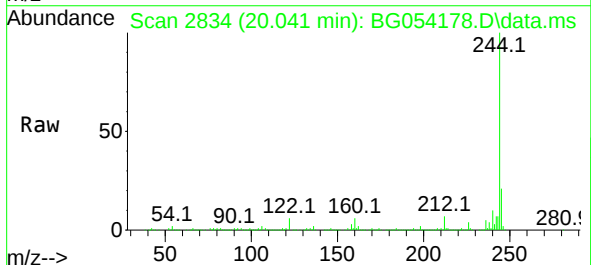
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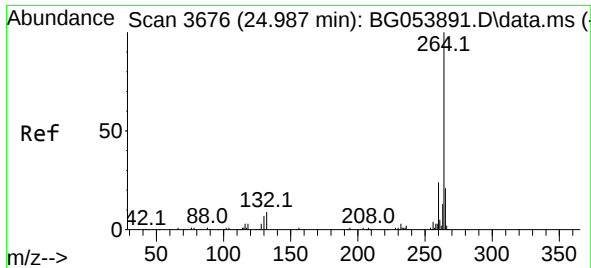
Tgt Ion:240 Resp: 175256
Ion Ratio Lower Upper
240 100
120 4.4 4.6 7.0#
236 24.7 20.2 30.4



#79
Terphenyl-d14
Concen: 72.195 ng
RT: 20.041 min Scan# 2834
Delta R.T. -0.004 min
Lab File: BG054178.D
Acq: 30 Jun 2022 20:45

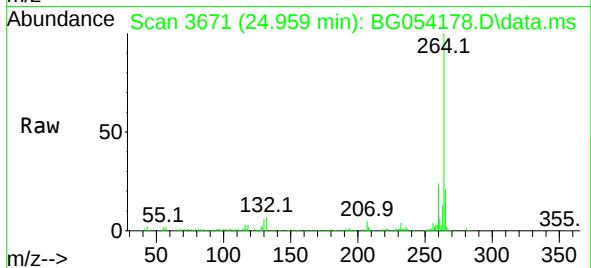
Tgt Ion:244 Resp: 628204
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 5.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.959 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BG054178.D
 Acq: 30 Jun 2022 20:45

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 181279
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.3 17.4 26.2

