

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053201.D
 Acq On : 19 Apr 2022 18:36
 Operator : CG/JU
 Sample : N2468-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-7

Quant Time: Apr 20 05:42:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

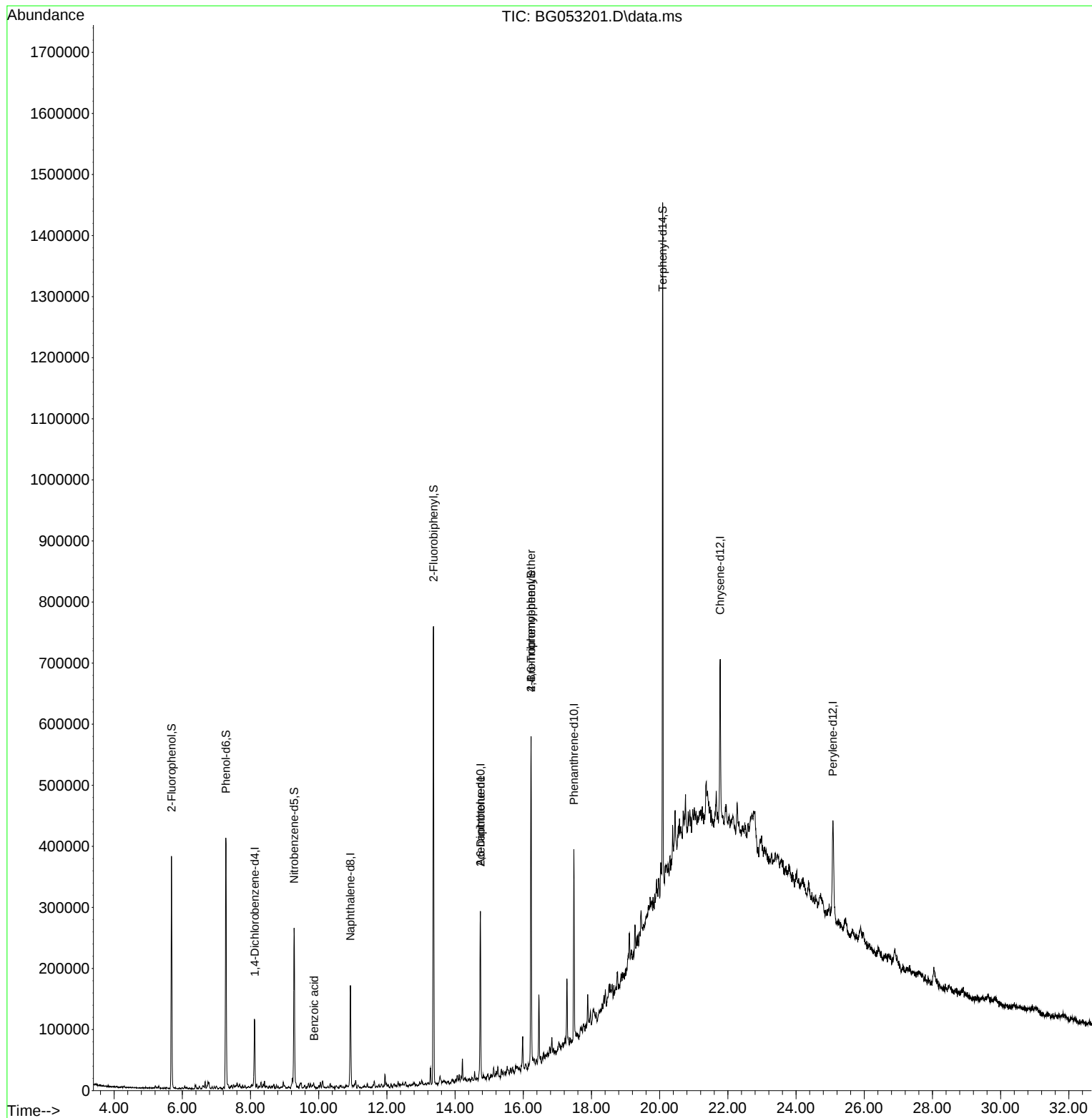
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	31631	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	132949	20.000	ng	# 0.00
39) Acenaphthene-d10	14.742	164	100514	20.000	ng	0.00
64) Phenanthrene-d10	17.485	188	195622	20.000	ng	0.00
76) Chrysene-d12	21.774	240	175422	20.000	ng	0.00
86) Perylene-d12	25.081	264	189903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	152704	82.755	ng	0.00
7) Phenol-d6	7.276	99	232888	81.842	ng	0.00
23) Nitrobenzene-d5	9.279	82	167784	51.242	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	114005	71.292	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	400910	54.999	ng	0.00
79) Terphenyl-d14	20.088	244	560771	53.989	ng	0.00
Target Compounds						
32) Benzoic acid	9.866	122	64	3.677	ng	# 1
51) 2,6-Dinitrotoluene	14.742	165	13901	8.288	ng	# 25
67) 4-Bromophenyl-phenylether	16.228	248	7411	2.957	ng	# 1

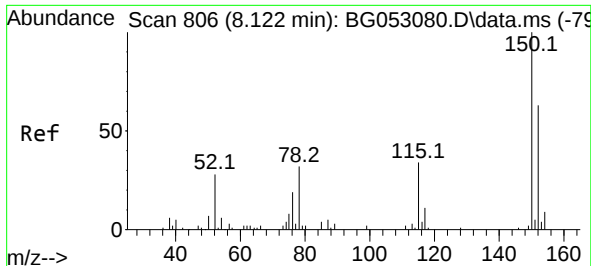
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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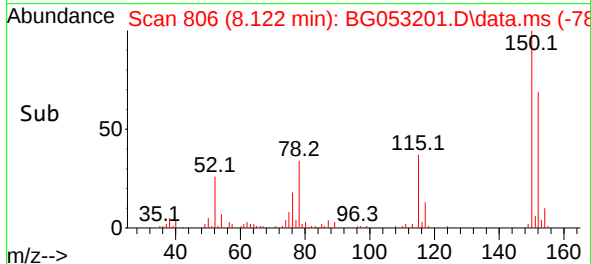
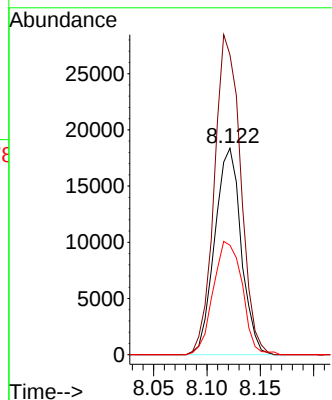
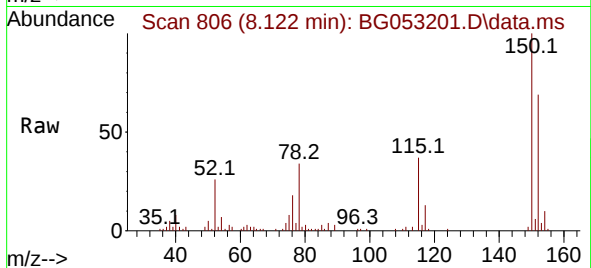




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.122 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

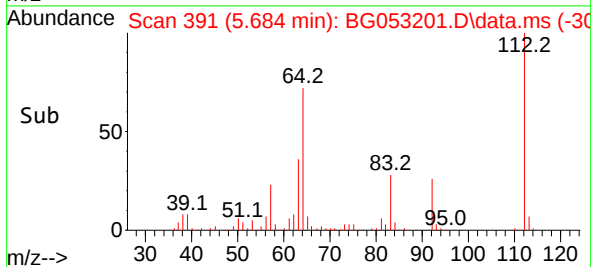
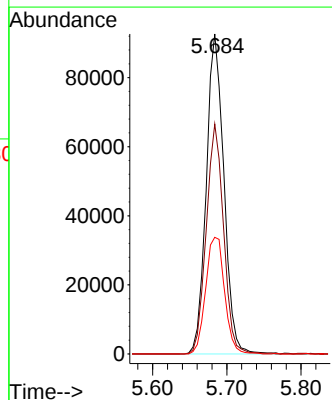
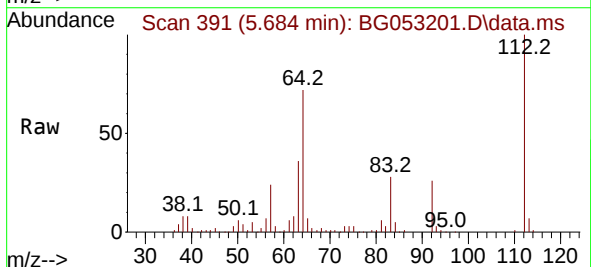
Instrument :
BNA_G
ClientSampleId :
WC-15-1-7

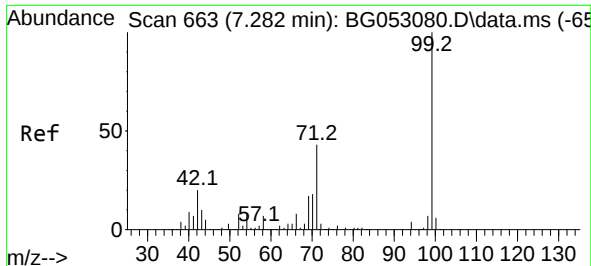
Tgt Ion:152 Resp: 31631
Ion Ratio Lower Upper
152 100
150 145.2 114.6 172.0
115 53.0 45.9 68.9



#5
2-Fluorophenol
Concen: 82.755 ng
RT: 5.684 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

Tgt Ion:112 Resp: 152704
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 36.5 26.5 39.7

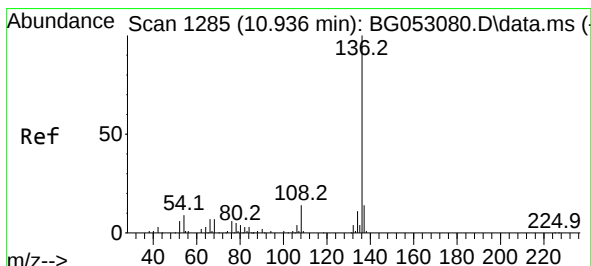
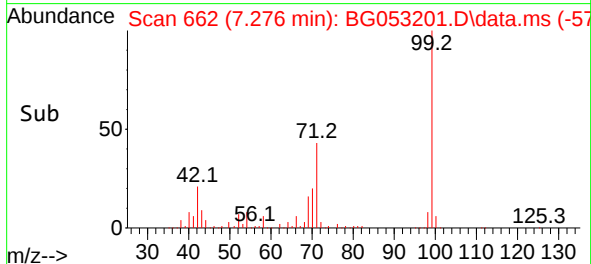
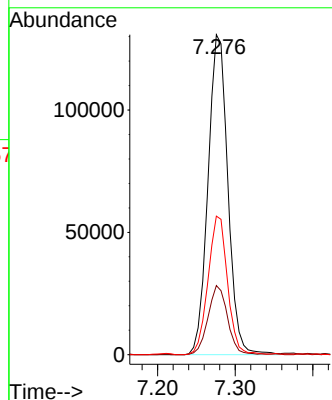
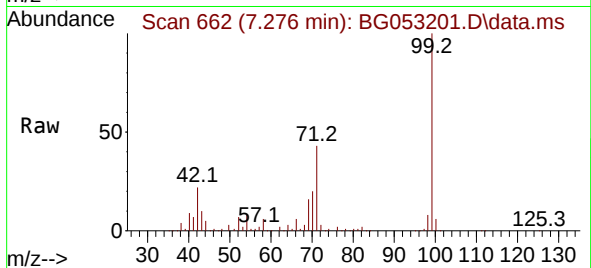




#7
Phenol-d6
Concen: 81.842 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

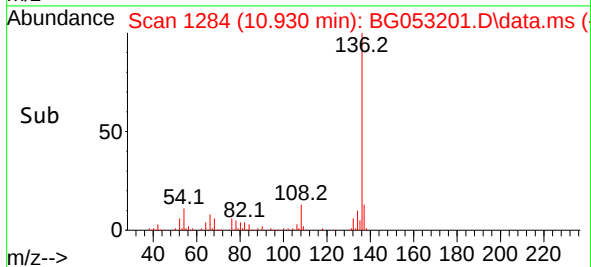
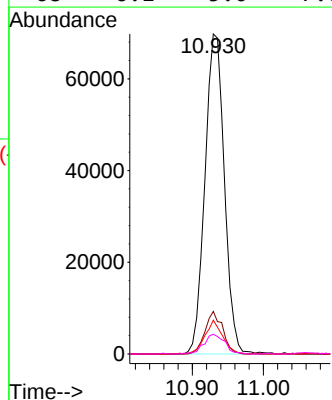
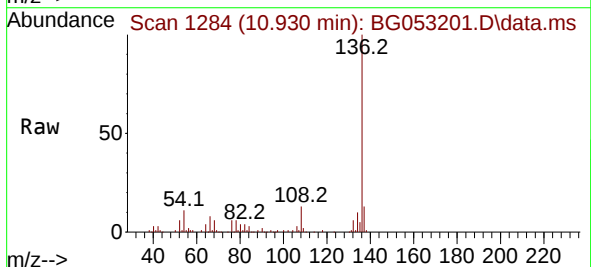
Instrument :
BNA_G
ClientSampleId :
WC-15-1-7

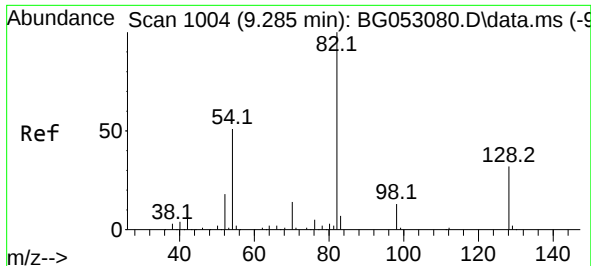
Tgt Ion: 99 Resp: 232888
Ion Ratio Lower Upper
99 100
42 21.6 14.7 22.1
71 43.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.930 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

Tgt Ion: 136 Resp: 132949
Ion Ratio Lower Upper
136 100
137 13.3 9.4 14.2
54 10.6 6.4 9.6#
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 51.242 ng

RT: 9.279 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BG053201.D

Acq: 19 Apr 2022 18:36

Instrument :

BNA_G

ClientSampleId :

WC-15-1-7

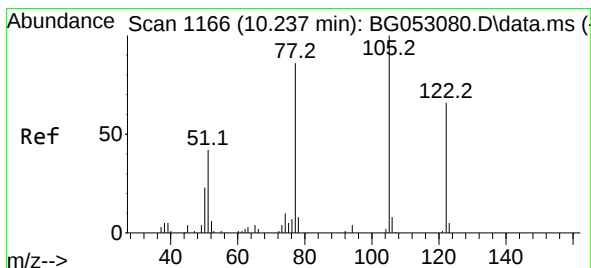
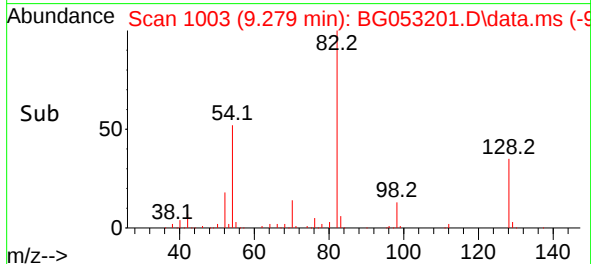
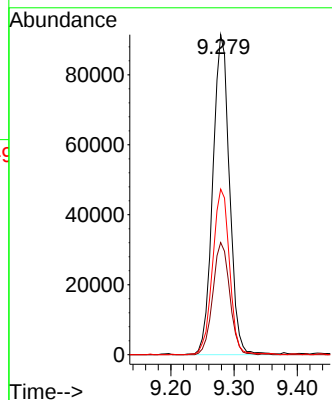
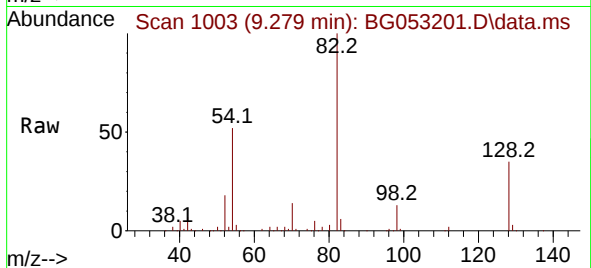
Tgt Ion: 82 Resp: 167784

Ion Ratio Lower Upper

82 100

128 35.0 31.3 46.9

54 51.7 37.8 56.8



#32

Benzoic acid

Concen: 3.677 ng

RT: 9.866 min Scan# 1103

Delta R.T. -0.371 min

Lab File: BG053201.D

Acq: 19 Apr 2022 18:36

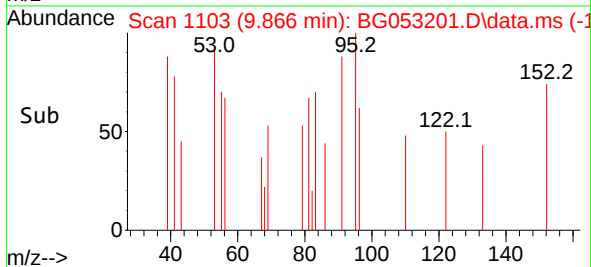
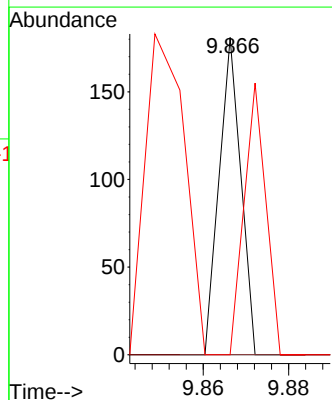
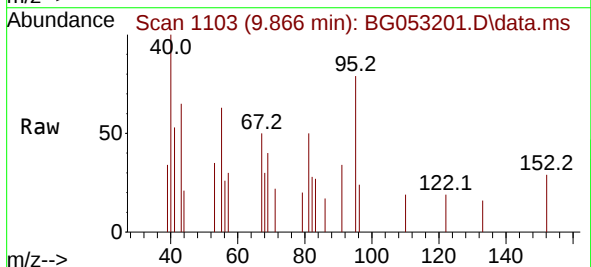
Tgt Ion:122 Resp: 64

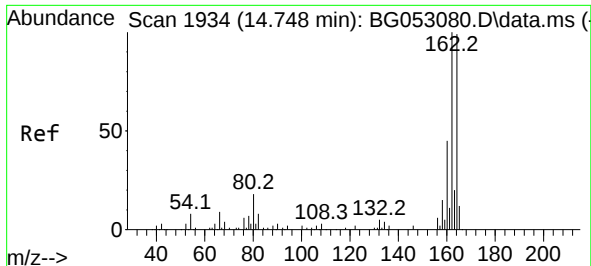
Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#

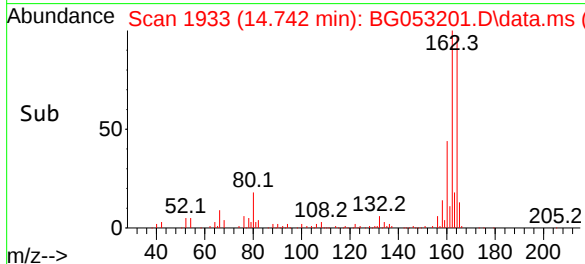
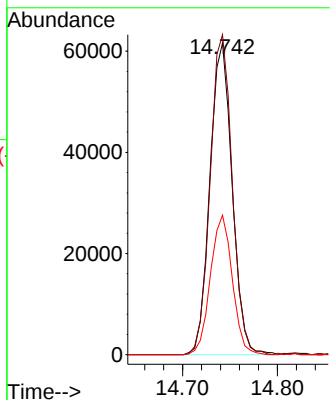
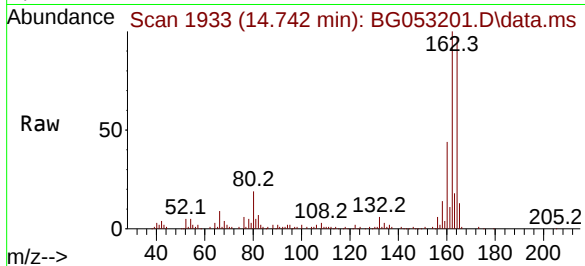




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.742 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

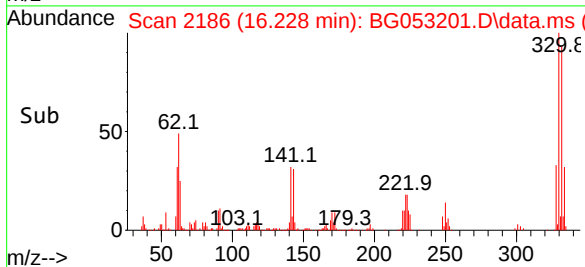
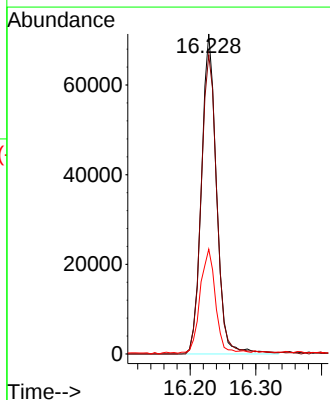
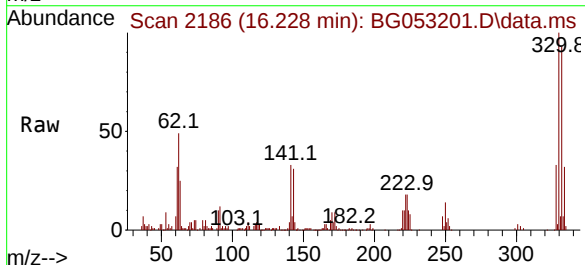
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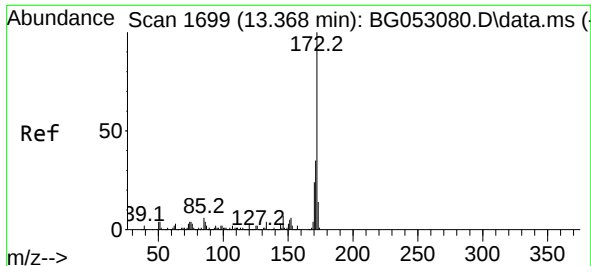
Tgt Ion:164 Resp: 100514
Ion Ratio Lower Upper
164 100
162 102.6 80.0 120.0
160 44.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 71.292 ng
RT: 16.228 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

Tgt Ion:330 Resp: 114005
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 33.3 24.6 36.8

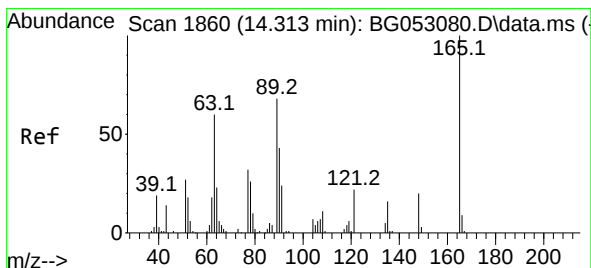
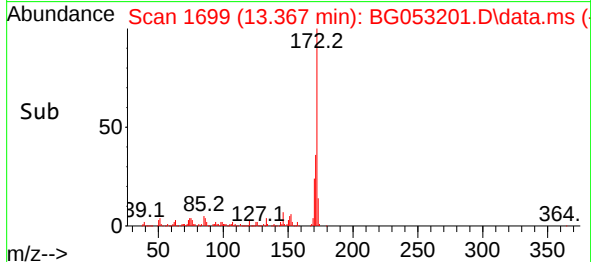
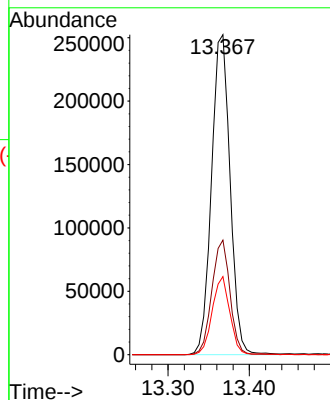
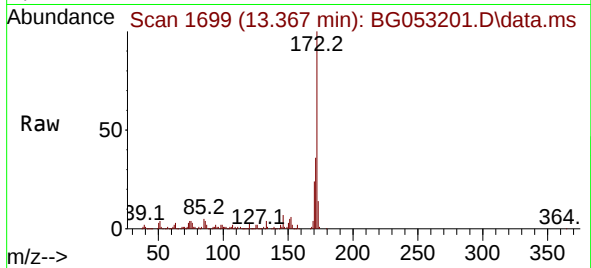




#45
2-Fluorobiphenyl
Concen: 54.999 ng
RT: 13.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

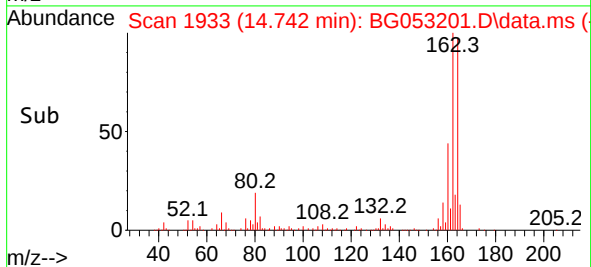
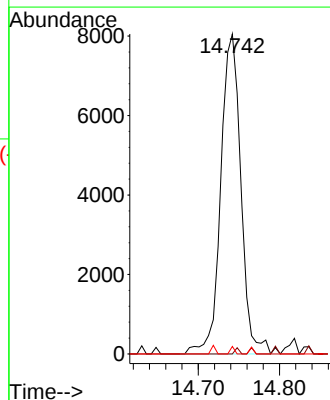
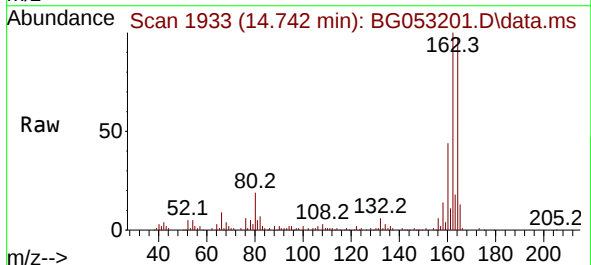
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WC-15-1-7

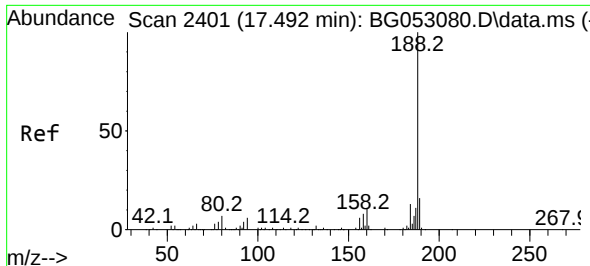
Tgt Ion:172 Resp: 400910
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 24.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.288 ng
RT: 14.742 min Scan# 1933
Delta R.T. 0.429 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

Tgt Ion:165 Resp: 13901
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.3 45.0 67.4#

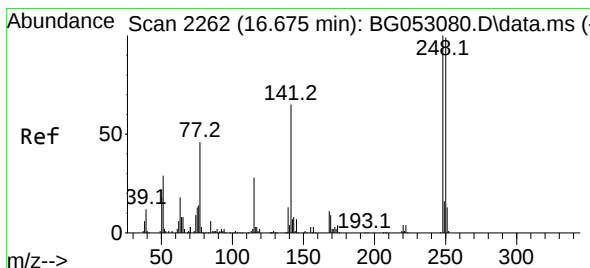
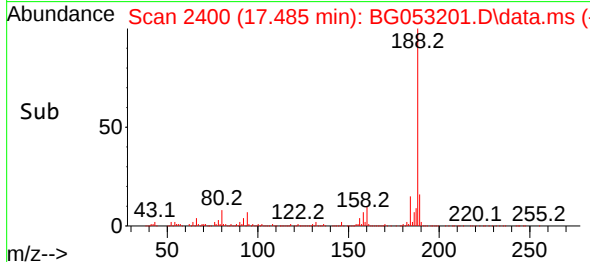
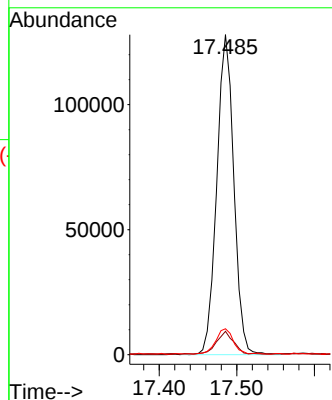
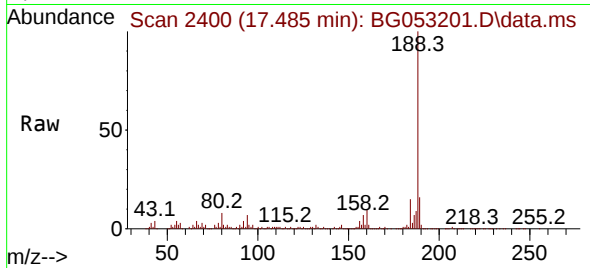




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.485 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

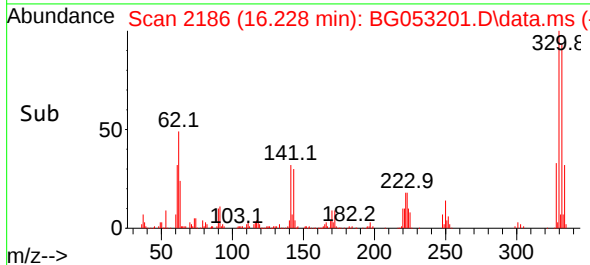
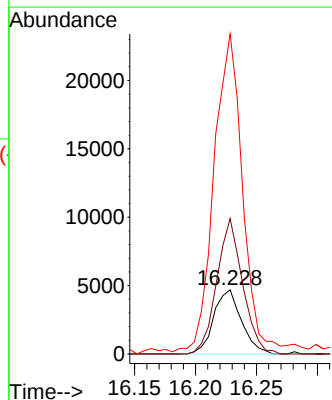
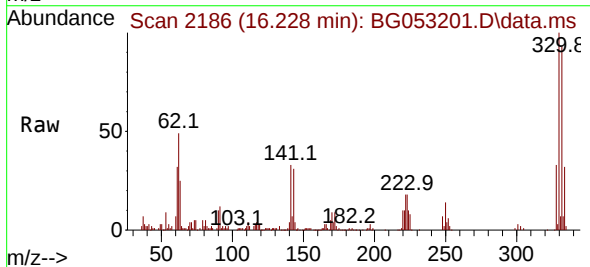
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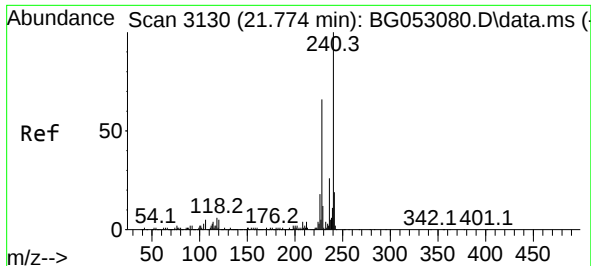
Tgt Ion:188 Resp: 195622
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.1 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.957 ng
RT: 16.228 min Scan# 2186
Delta R.T. -0.447 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

Tgt Ion:248 Resp: 7411
Ion Ratio Lower Upper
248 100
250 210.9 77.9 116.9#
141 498.5 49.2 73.8#

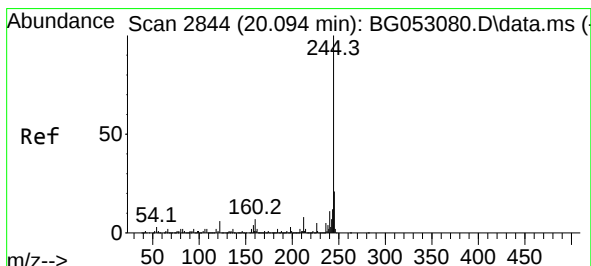
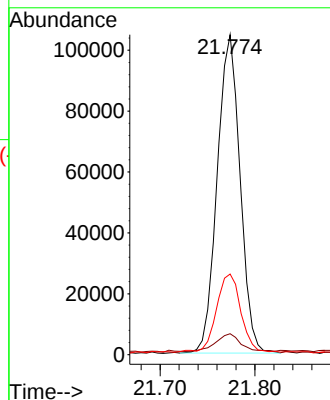
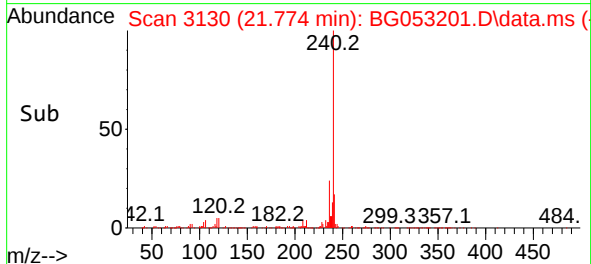
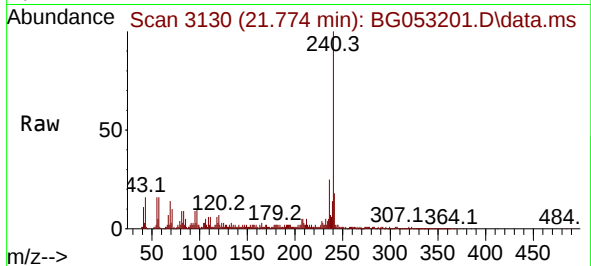




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.774 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

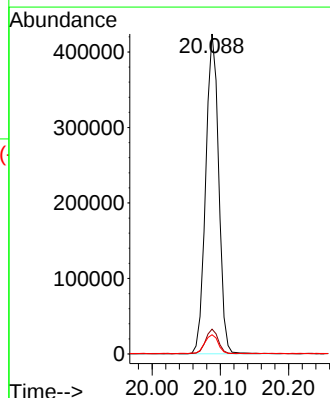
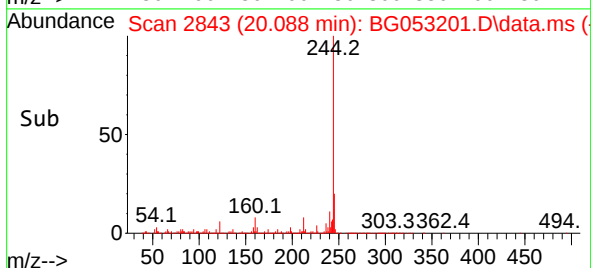
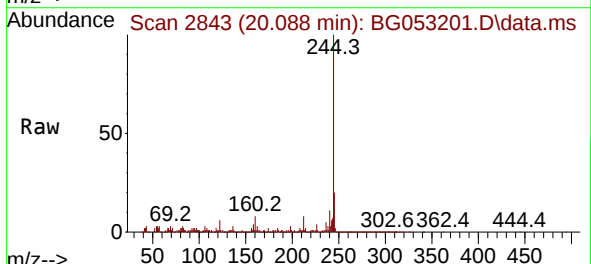
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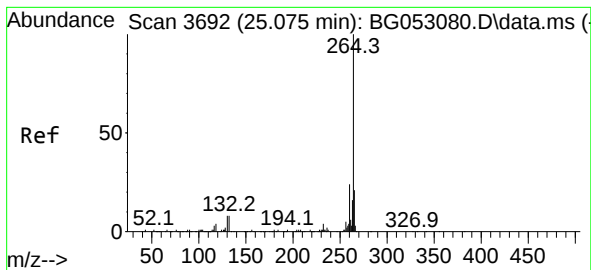
Tgt Ion:240 Resp: 175422
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 25.2 19.8 29.6



#79
Terphenyl-d14
Concen: 53.989 ng
RT: 20.088 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BG053201.D
Acq: 19 Apr 2022 18:36

Tgt Ion:244 Resp: 560771
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.0 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.081 min Scan# 30

Delta R.T. 0.006 min

Lab File: BG053201.D

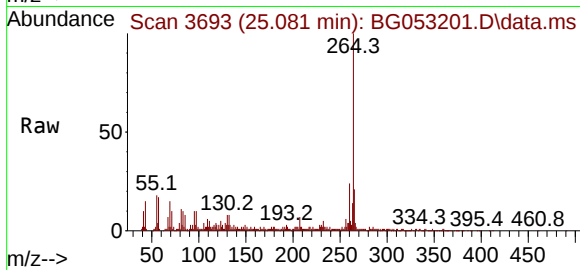
Acq: 19 Apr 2022 18:36

Instrument :

BNA_G

ClientSampleId :

WC-15-1-7



Tgt Ion:264 Resp: 189903

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.2

265 21.1 15.1 22.7

