

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053202.D
 Acq On : 19 Apr 2022 19:15
 Operator : CG/JU
 Sample : N2468-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-8

Quant Time: Apr 20 05:42:54 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)

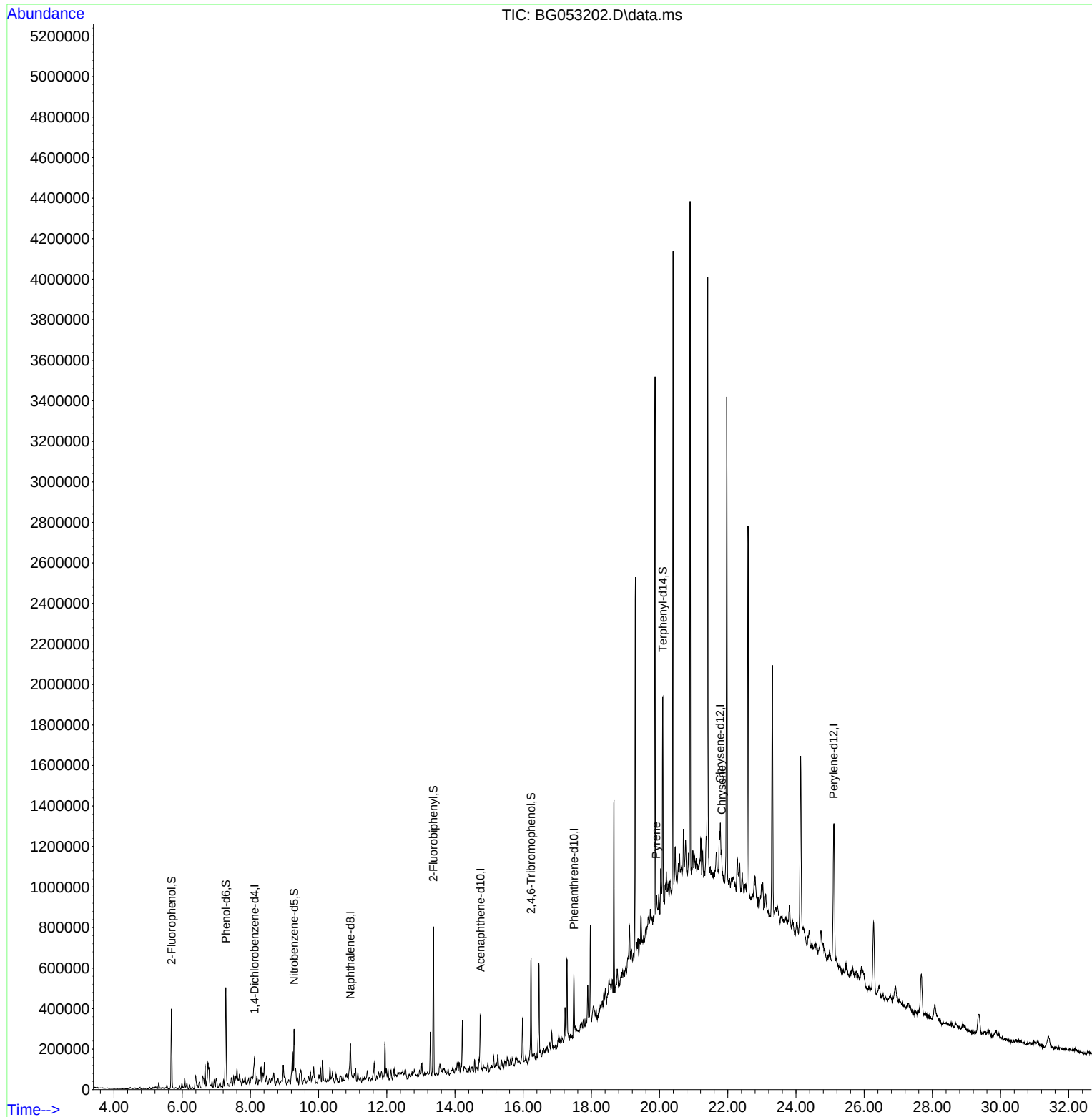
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	31158	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	130806	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	91671	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	180963	20.000	ng	0.00
76) Chrysene-d12	21.775	240	165478	20.000	ng	0.00
86) Perylene-d12	25.100	264	179976	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	159386	87.688	ng	0.00
7) Phenol-d6	7.277	99	228702	81.591	ng	0.00
23) Nitrobenzene-d5	9.281	82	170402	52.894	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	107683	73.834	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	388519	58.441	ng	0.00
79) Terphenyl-d14	20.095	244	539470	55.059	ng	0.00
Target Compounds						
78) Pyrene	19.901	202	30222	2.564	ng	# 73
83) Chrysene	21.822	228	45819	4.364	ng	# 59

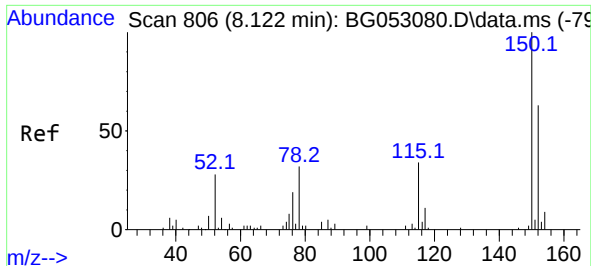
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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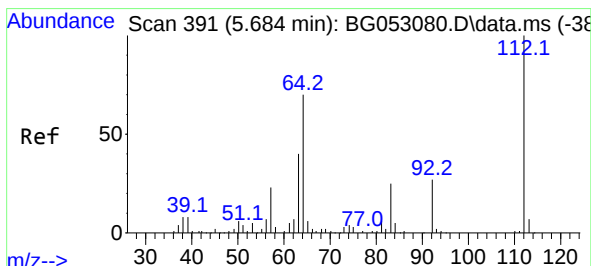
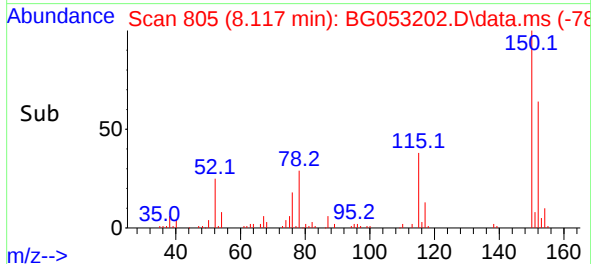
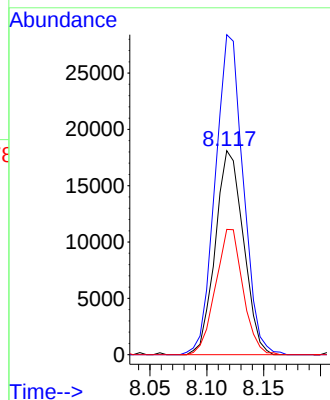
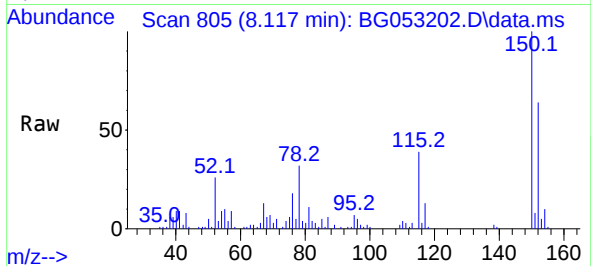




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

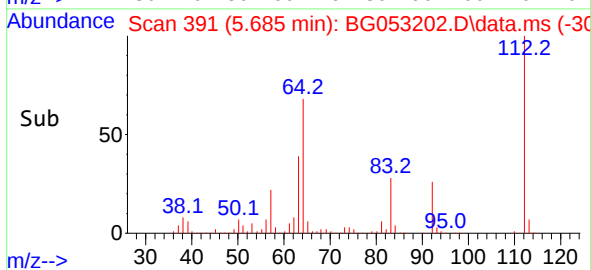
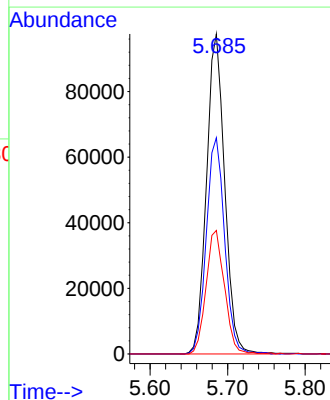
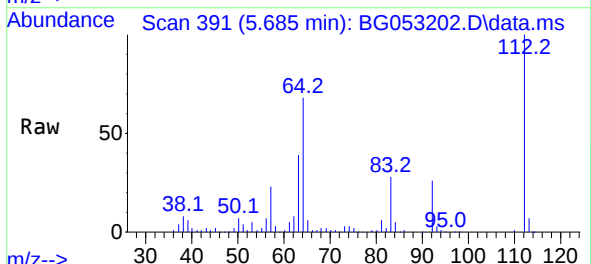
Instrument :
BNA_G
ClientSampleId :
WC-15-1-8

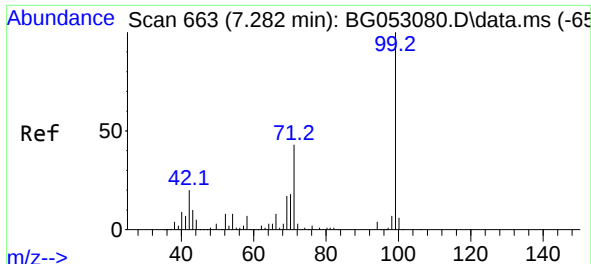
Tgt Ion:152 Resp: 31158
Ion Ratio Lower Upper
152 100
150 156.9 114.6 172.0
115 61.4 45.9 68.9



#5
2-Fluorophenol
Concen: 87.688 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

Tgt Ion:112 Resp: 159386
Ion Ratio Lower Upper
112 100
64 67.5 48.0 72.0
63 38.6 26.5 39.7

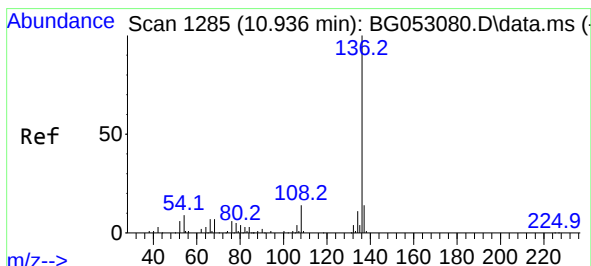
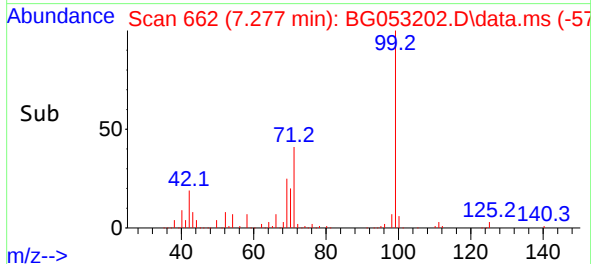
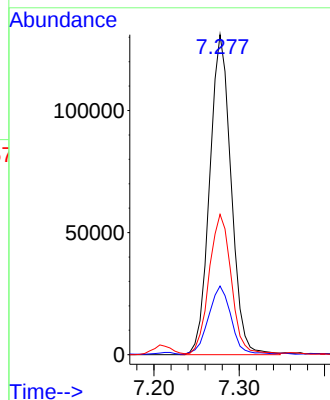
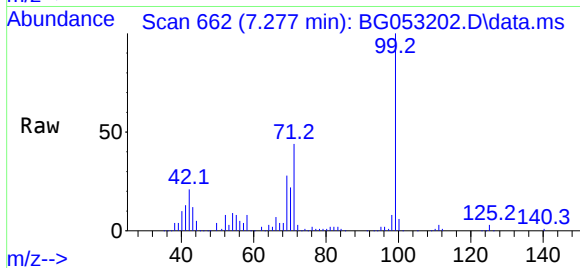




#7
Phenol-d6
Concen: 81.591 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

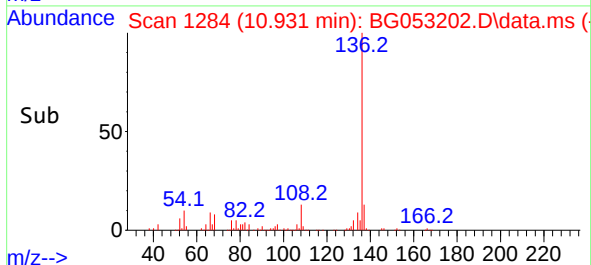
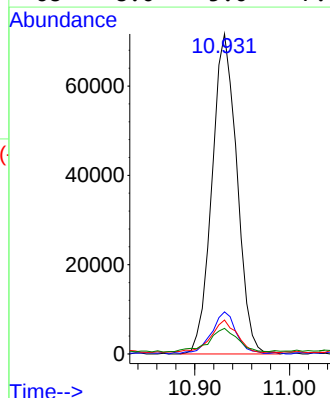
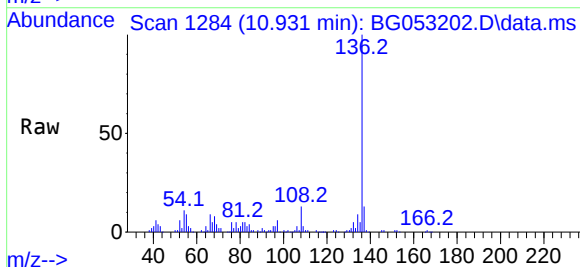
Instrument :
BNA_G
ClientSampleId :
WC-15-1-8

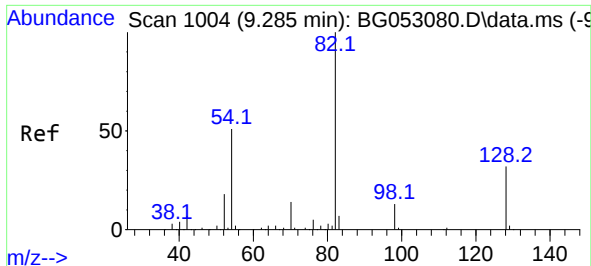
Tgt Ion: 99 Resp: 228702
Ion Ratio Lower Upper
99 100
42 21.5 14.7 22.1
71 43.8 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

Tgt Ion: 136 Resp: 130806
Ion Ratio Lower Upper
136 100
137 13.2 9.4 14.2
54 10.6 6.4 9.6#
68 8.0 5.0 7.6#

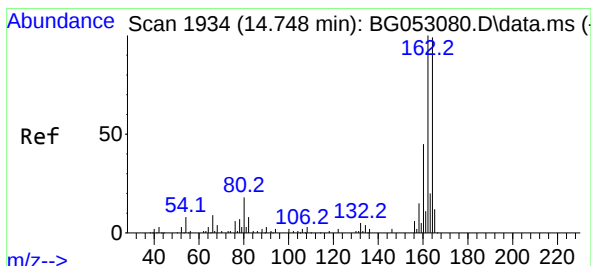
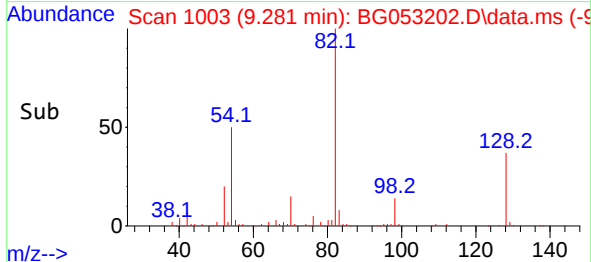
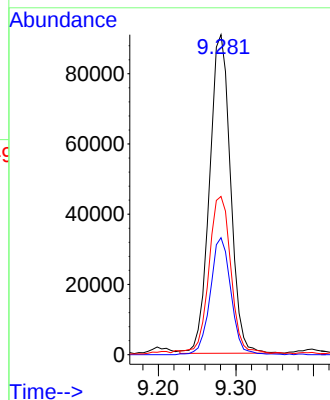
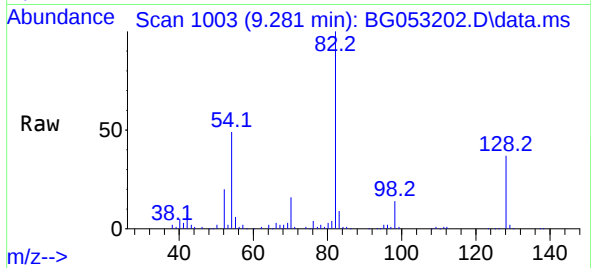




#23
Nitrobenzene-d5
Concen: 52.894 ng
RT: 9.281 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

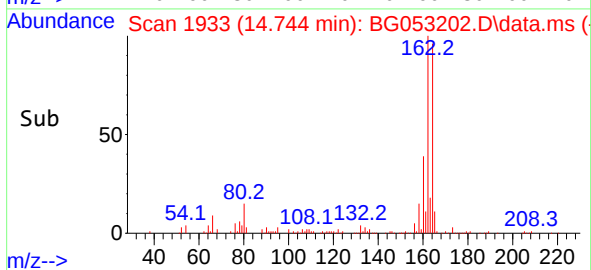
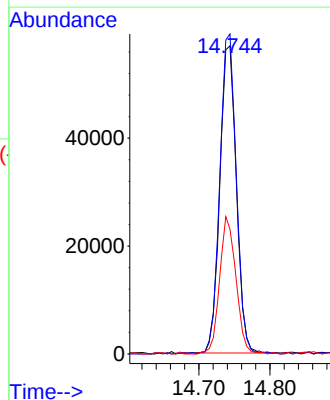
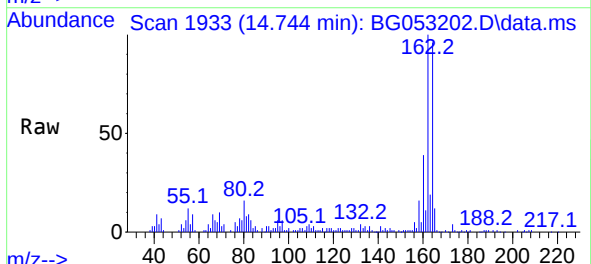
Instrument :
BNA_G
ClientSampleId :
WC-15-1-8

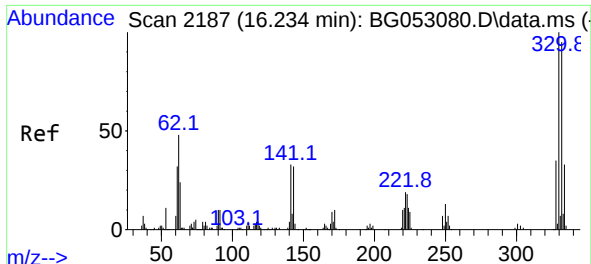
Tgt Ion: 82 Resp: 170402
Ion Ratio Lower Upper
82 100
128 36.5 31.3 46.9
54 49.4 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

Tgt Ion: 164 Resp: 91671
Ion Ratio Lower Upper
164 100
162 103.8 80.0 120.0
160 40.5 38.8 58.2

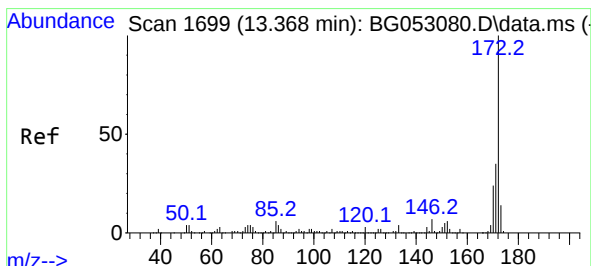
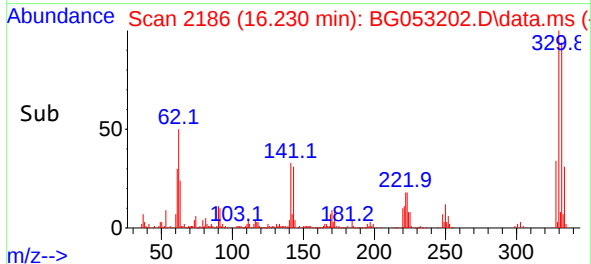
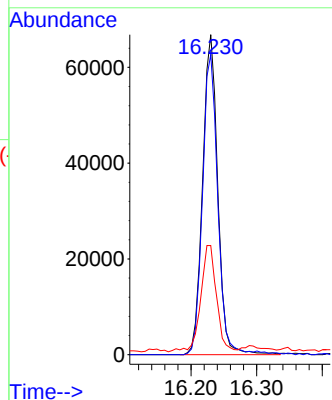
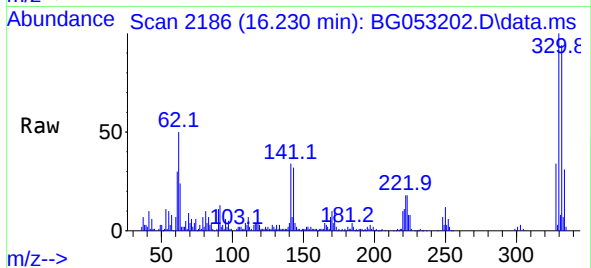




#42
2,4,6-Tribromophenol
Concen: 73.834 ng
RT: 16.230 min Scan# 2187
Delta R.T. -0.004 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

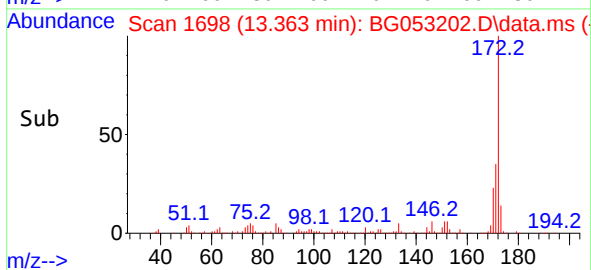
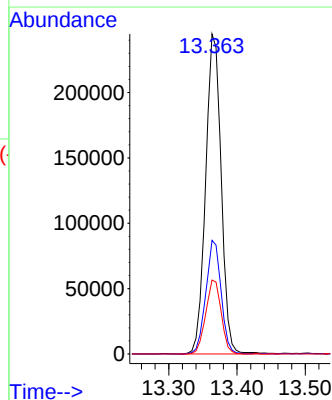
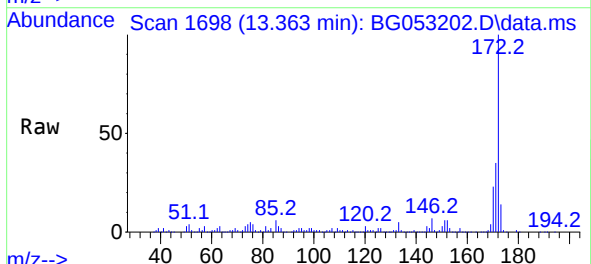
Instrument :
BNA_G
ClientSampleId :
WC-15-1-8

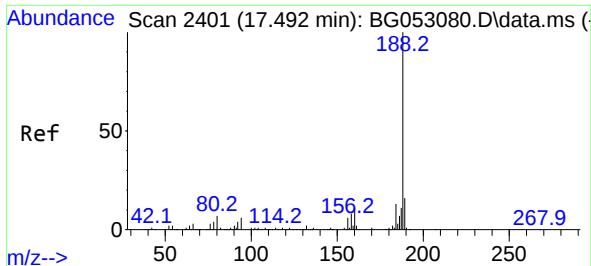
Tgt Ion:330 Resp: 107683
Ion Ratio Lower Upper
330 100
332 93.7 75.8 113.6
141 34.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 58.441 ng
RT: 13.363 min Scan# 1698
Delta R.T. -0.004 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

Tgt Ion:172 Resp: 388519
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.1 18.0 27.0

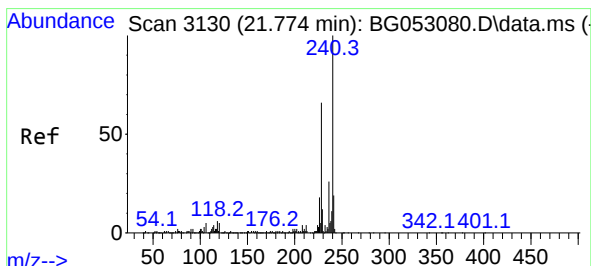
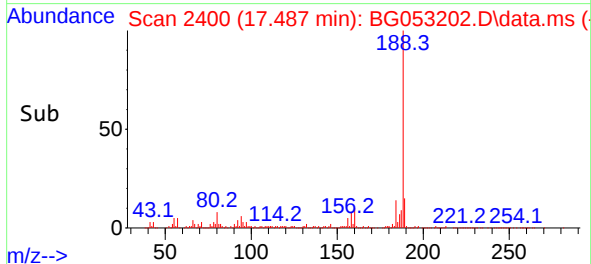
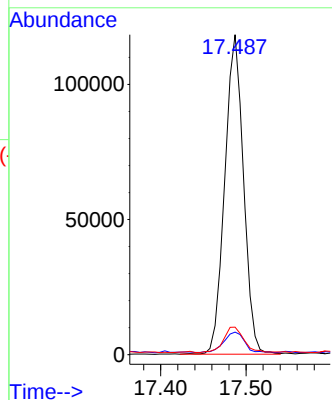
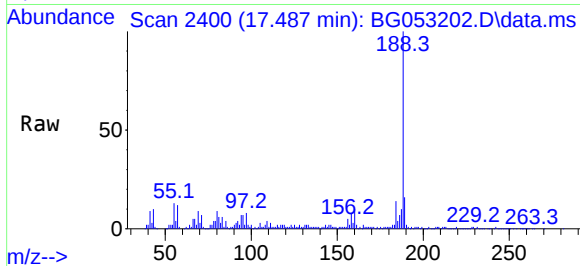




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2401
Delta R.T. -0.004 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

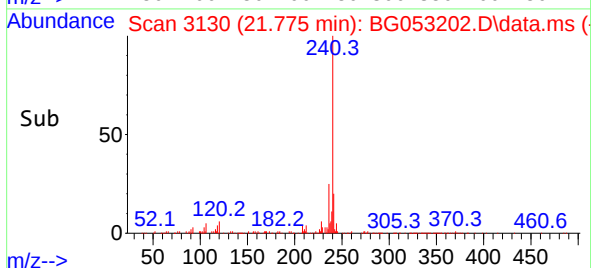
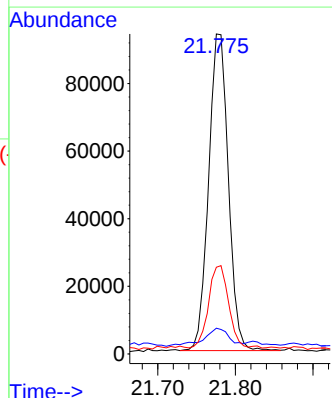
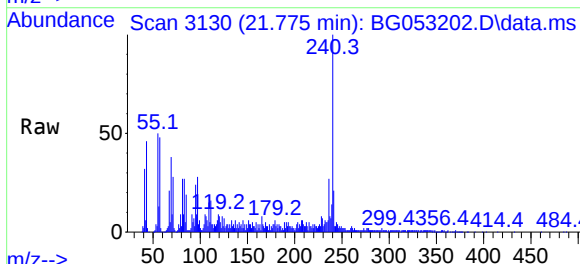
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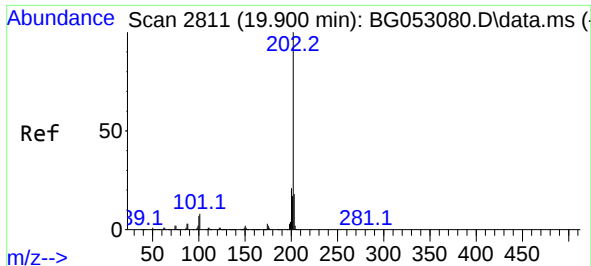
Tgt Ion:188 Resp: 180963
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

Tgt Ion:240 Resp: 165478
Ion Ratio Lower Upper
240 100
120 8.0 5.4 8.0
236 27.1 19.8 29.6

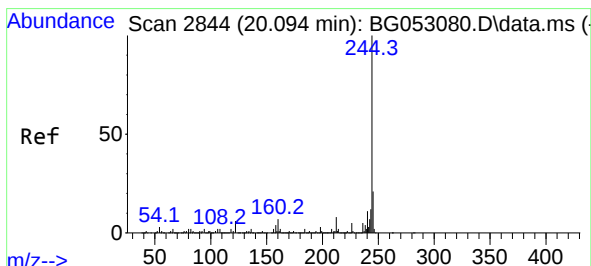
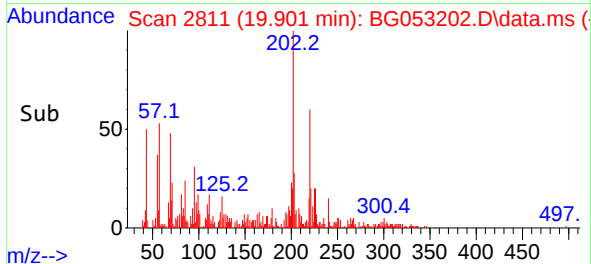
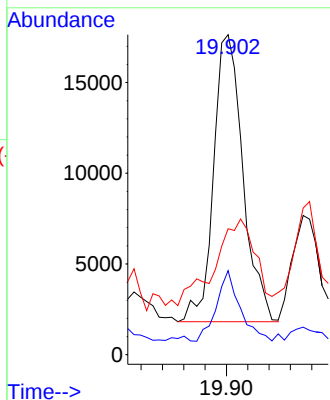
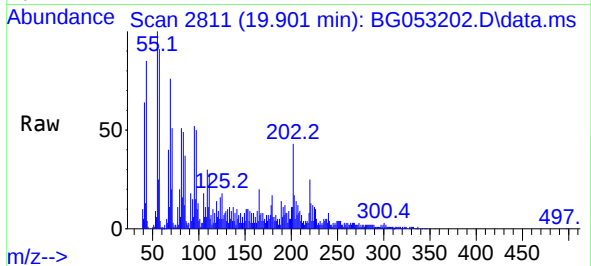




#78
Pyrene
Concen: 2.564 ng
RT: 19.901 min Scan# 2811
Delta R.T. 0.001 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

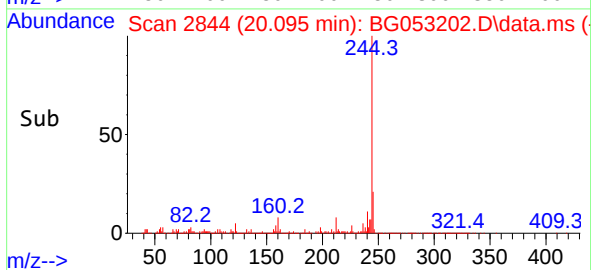
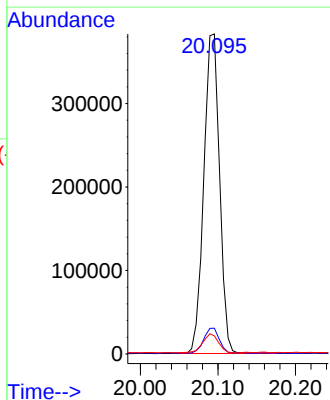
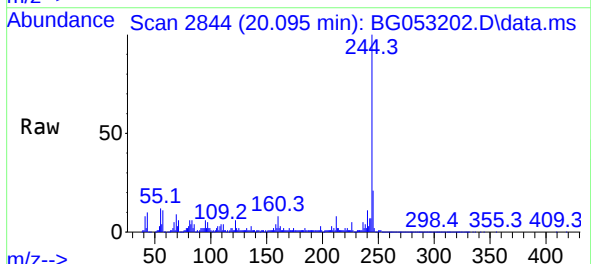
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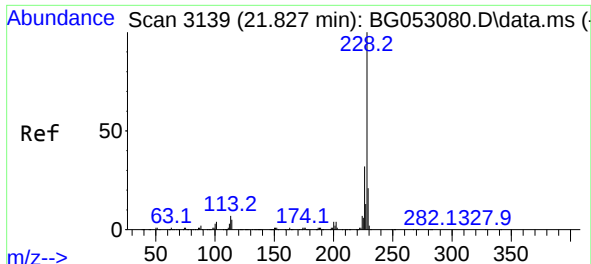
Tgt Ion:202 Resp: 30222
Ion Ratio Lower Upper
202 100
200 26.3 17.0 25.6#
203 39.3 15.0 22.6#



#79
Terphenyl-d14
Concen: 55.059 ng
RT: 20.095 min Scan# 2844
Delta R.T. 0.001 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

Tgt Ion:244 Resp: 539470
Ion Ratio Lower Upper
244 100
212 8.0 5.4 8.2
122 5.7 5.8 8.6#

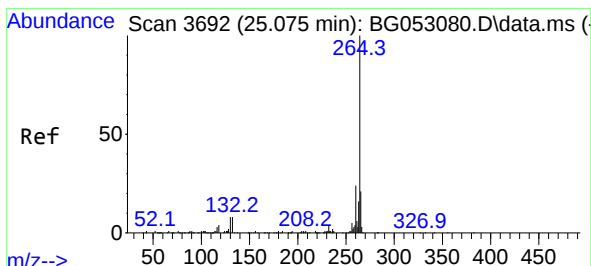
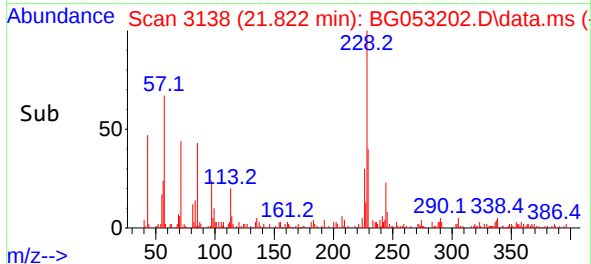
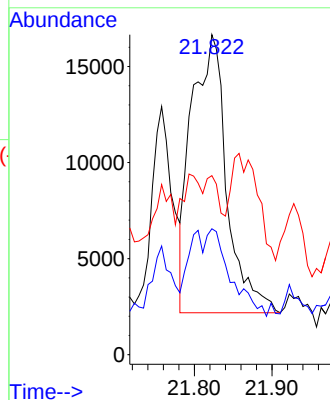
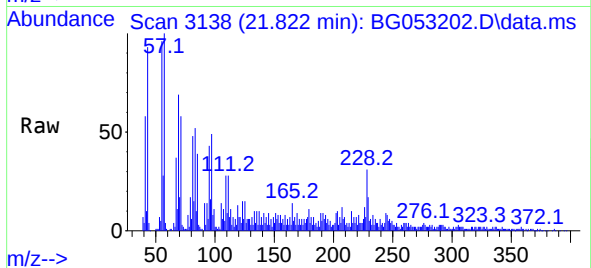




#83
Chrysene
Concen: 4.364 ng
RT: 21.822 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

Instrument :
BNA_G
ClientSampleId :
WC-15-1-8

Tgt Ion:228 Resp: 45819
Ion Ratio Lower Upper
228 100
226 39.4 24.2 36.4#
229 56.0 16.3 24.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.100 min Scan# 3696
Delta R.T. 0.025 min
Lab File: BG053202.D
Acq: 19 Apr 2022 19:15

Tgt Ion:264 Resp: 179976
Ion Ratio Lower Upper
264 100
260 23.8 18.2 27.2
265 24.3 15.1 22.7#

