

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053190.D
 Acq On : 18 Apr 2022 21:30
 Operator : CG/JU
 Sample : N2444-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Quant Time: Apr 19 04:21:46 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)

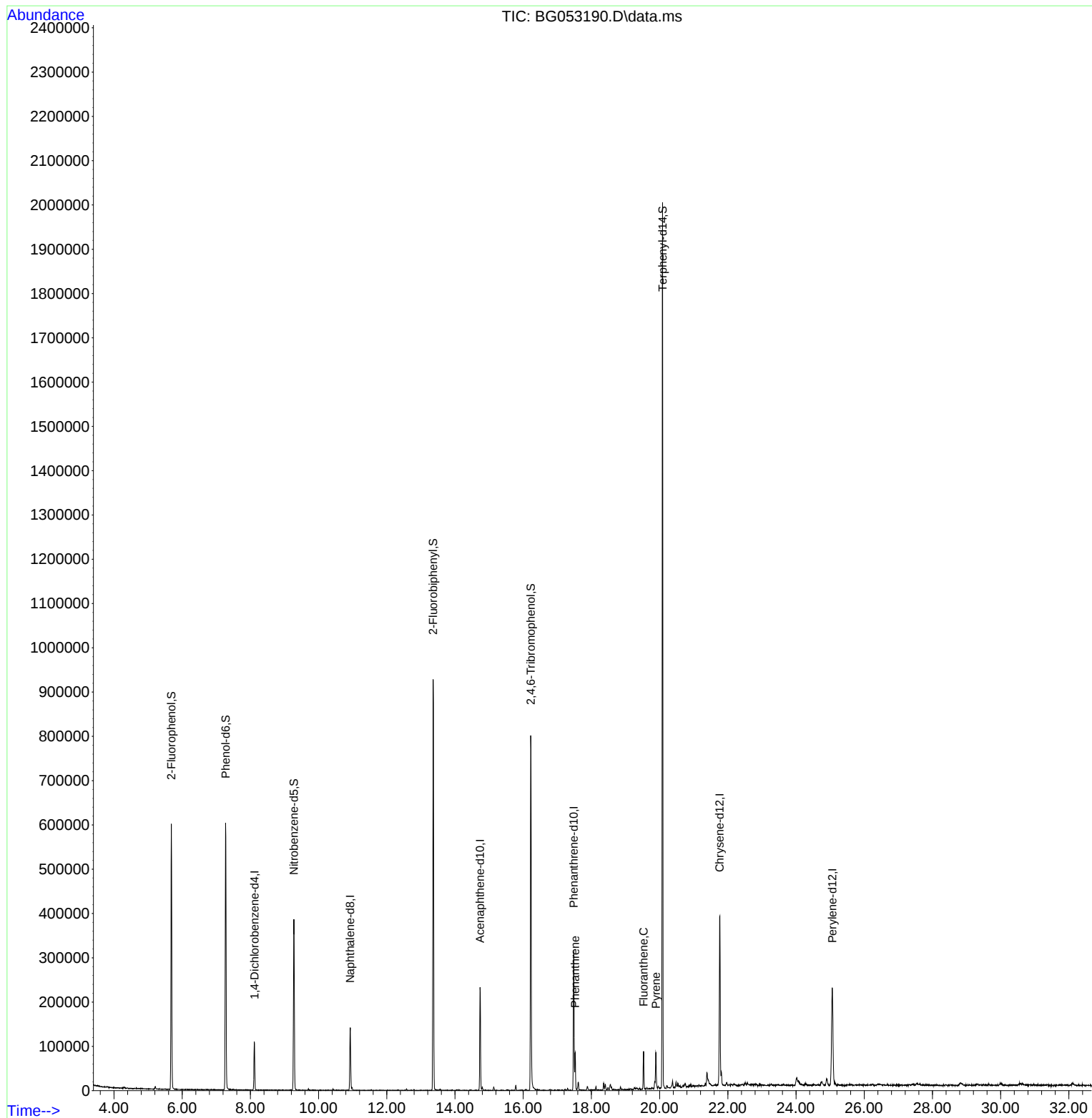
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	29774	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	116435	20.000	ng	0.00
39) Acenaphthene-d10	14.735	164	83367	20.000	ng	-0.01
64) Phenanthrene-d10	17.484	188	212275	20.000	ng	0.00
76) Chrysene-d12	21.760	240	245145	20.000	ng	-0.01
86) Perylene-d12	25.062	264	254617	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	241022	138.764	ng	0.00
7) Phenol-d6	7.274	99	343156	128.114	ng	0.00
23) Nitrobenzene-d5	9.277	82	243786	85.014	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	167839	126.543	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	494411	81.776	ng	0.00
79) Terphenyl-d14	20.086	244	1025522	70.652	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.525	178	57045	4.920	ng	96
75) Fluoranthene	19.528	202	58505	3.936	ng	98
78) Pyrene	19.892	202	50219	2.876	ng	96

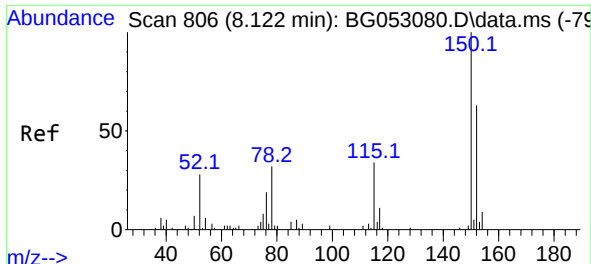
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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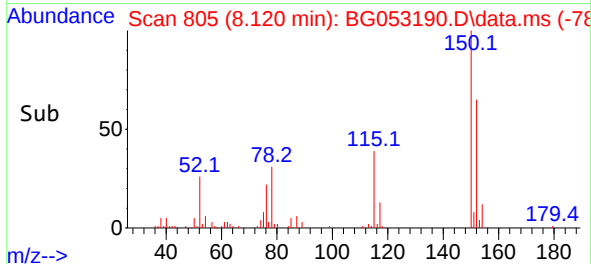
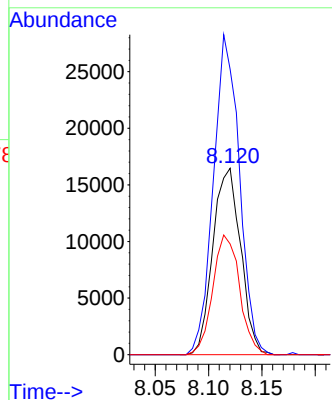
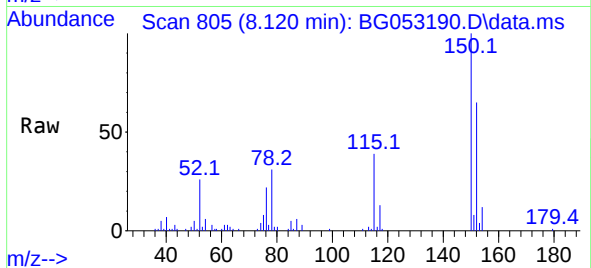




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

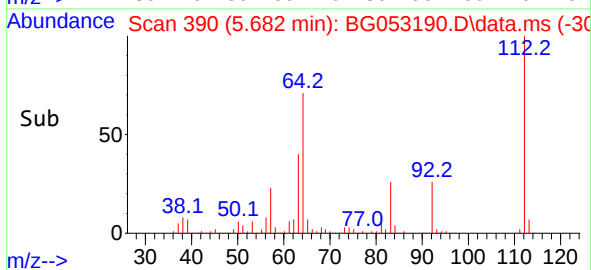
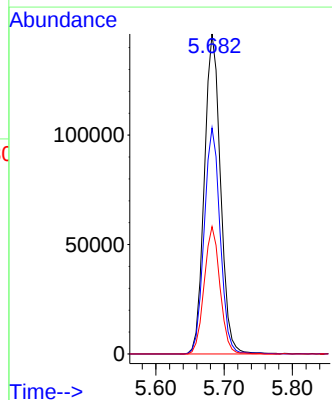
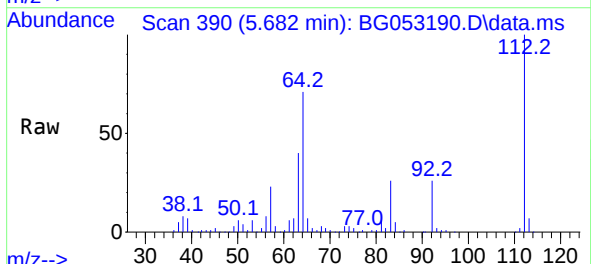
Instrument :
BNA_G
ClientSampleId :
SB-7

Tgt Ion:152 Resp: 29774
Ion Ratio Lower Upper
152 100
150 153.1 114.6 172.0
115 59.4 45.9 68.9



#5
2-Fluorophenol
Concen: 138.764 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion:112 Resp: 241022
Ion Ratio Lower Upper
112 100
64 70.6 48.0 72.0
63 39.8 26.5 39.7#

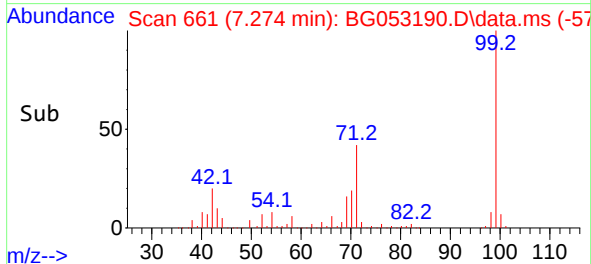
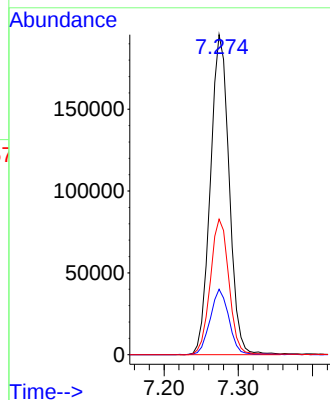
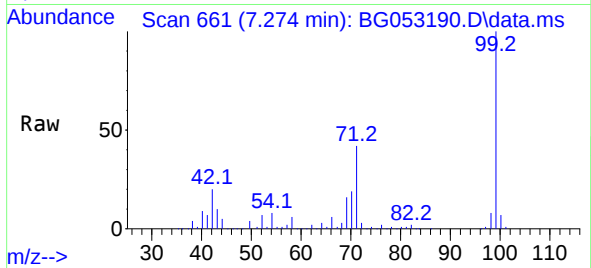




#7
Phenol-d6
Concen: 128.114 ng
RT: 7.274 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

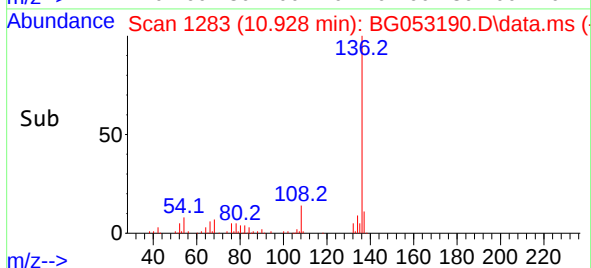
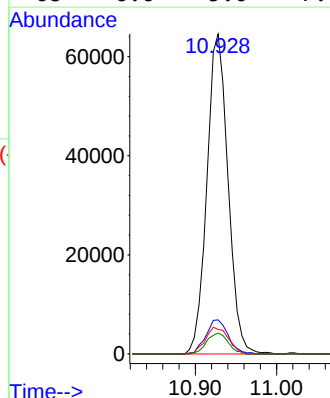
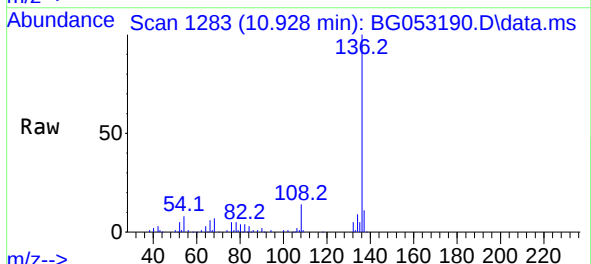
Instrument :
BNA_G
ClientSampleId :
SB-7

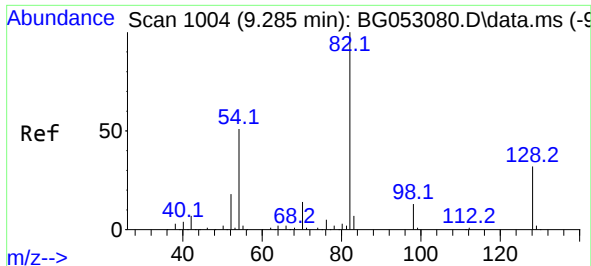
Tgt Ion: 99 Resp: 343156
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 42.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1283
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion: 136 Resp: 116435
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.2
54 7.6 6.4 9.6
68 6.6 5.0 7.6

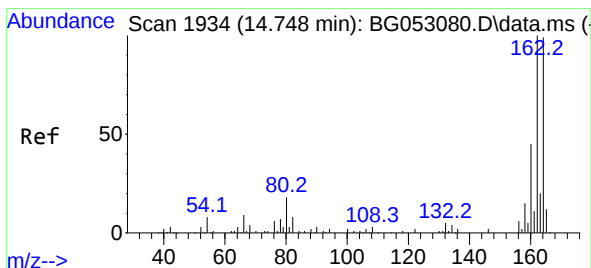
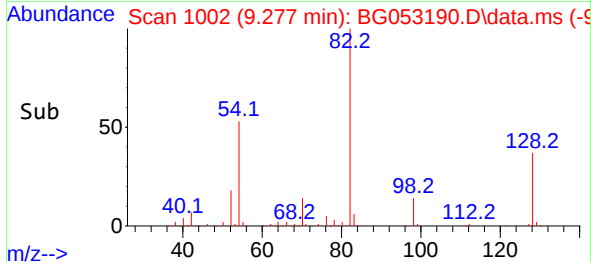
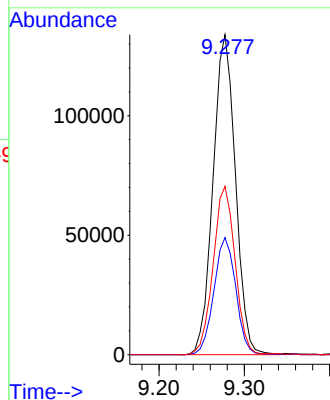
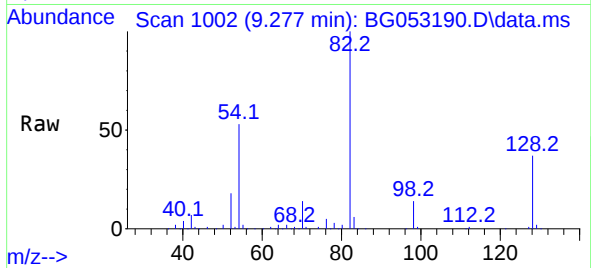




#23
 Nitrobenzene-d5
 Concen: 85.014 ng
 RT: 9.277 min Scan# 1002
 Delta R.T. -0.008 min
 Lab File: BG053190.D
 Acq: 18 Apr 2022 21:30

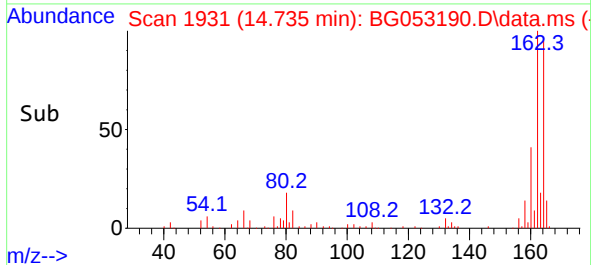
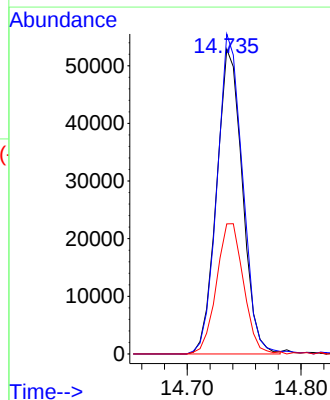
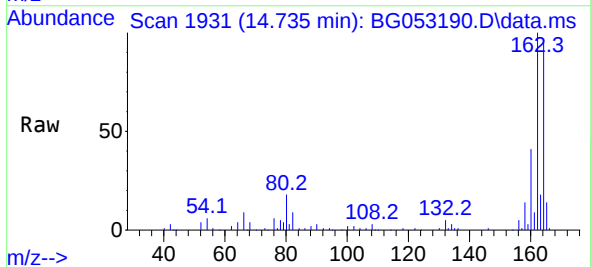
Instrument :
 BNA_G
 ClientSampleId :
 SB-7

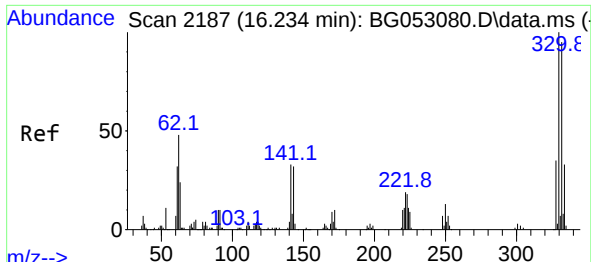
Tgt Ion: 82 Resp: 243786
 Ion Ratio Lower Upper
 82 100
 128 36.6 31.3 46.9
 54 52.6 37.8 56.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.735 min Scan# 1931
 Delta R.T. -0.014 min
 Lab File: BG053190.D
 Acq: 18 Apr 2022 21:30

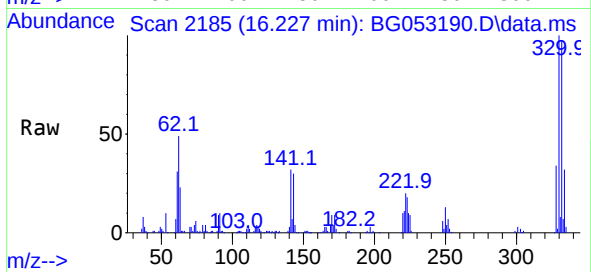
Tgt Ion:164 Resp: 83367
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.0 120.0
 160 42.7 38.8 58.2



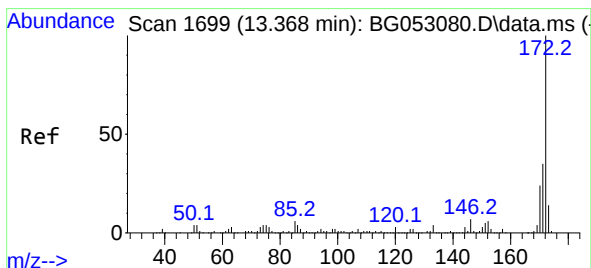
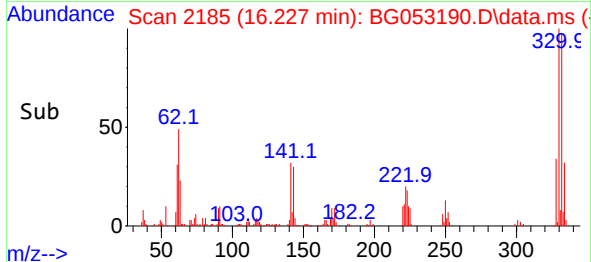
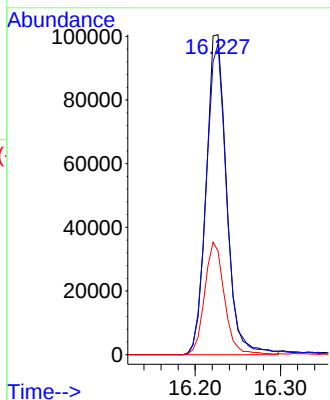


#42
2,4,6-Tribromophenol
Concen: 126.543 ng
RT: 16.227 min Scan# 2185
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Instrument :
BNA_G
ClientSampleId :
SB-7

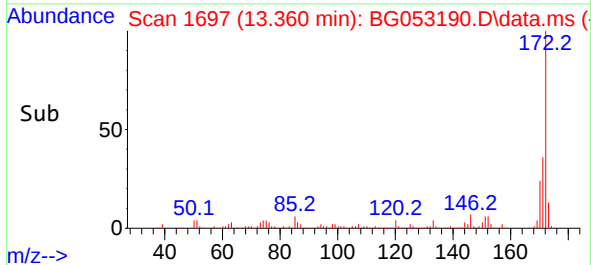
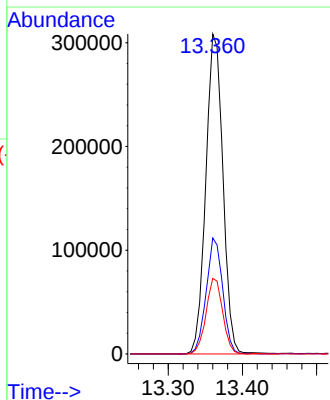
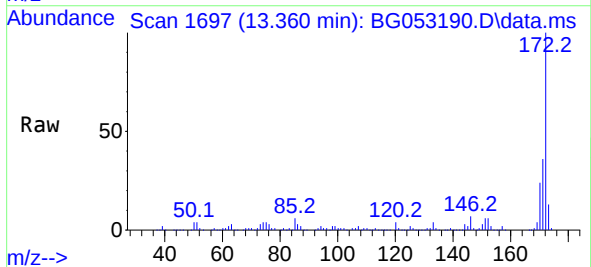


Tgt Ion:330 Resp: 167839
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 34.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 81.776 ng
RT: 13.360 min Scan# 1697
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion:172 Resp: 494411
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.6 18.0 27.0

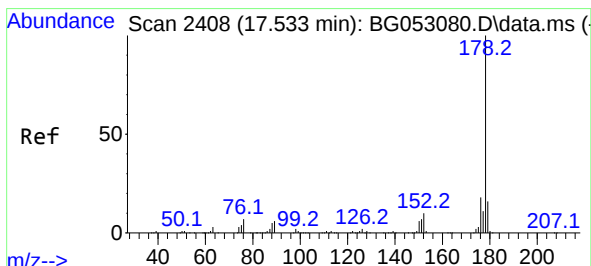
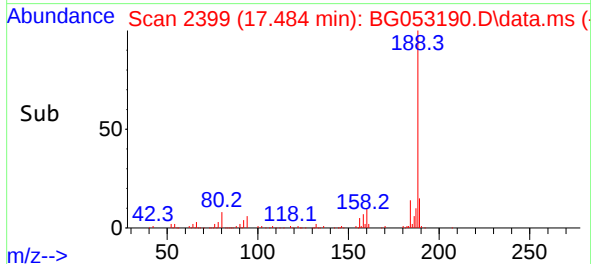
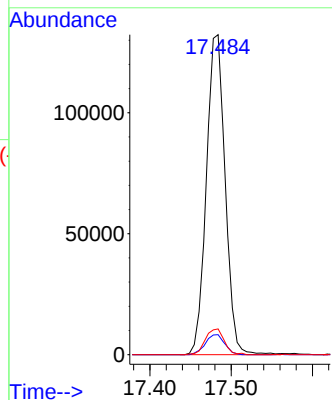
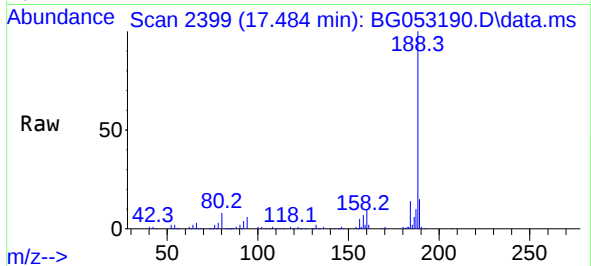




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.484 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

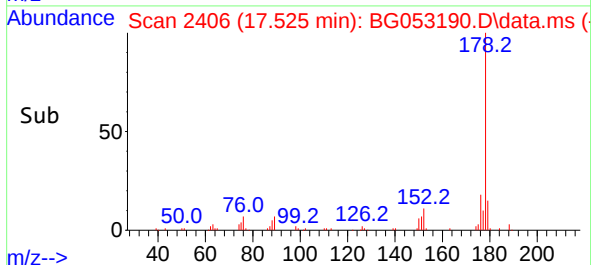
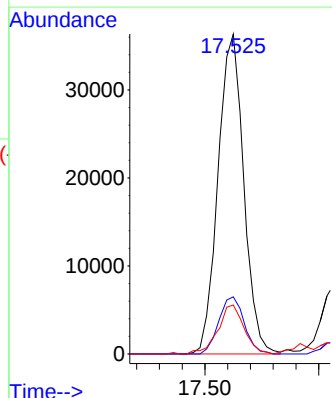
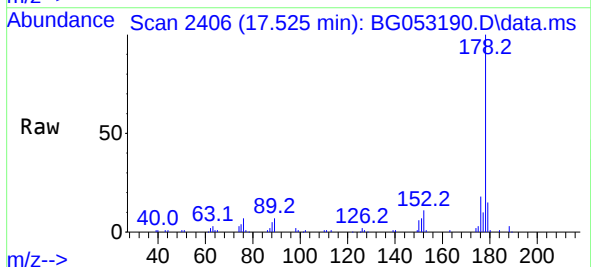
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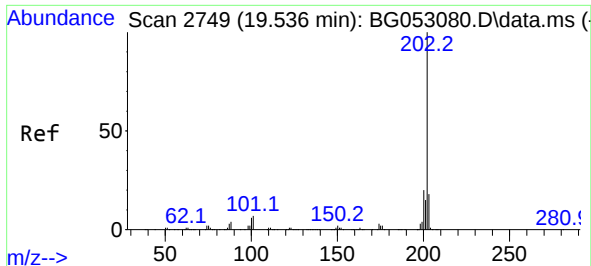
Tgt Ion:188 Resp: 212275
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 8.0 7.2 10.8



#71
Phenanthrene
Concen: 4.920 ng
RT: 17.525 min Scan# 2406
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion:178 Resp: 57045
Ion Ratio Lower Upper
178 100
176 17.9 15.9 23.9
179 15.3 13.4 20.2

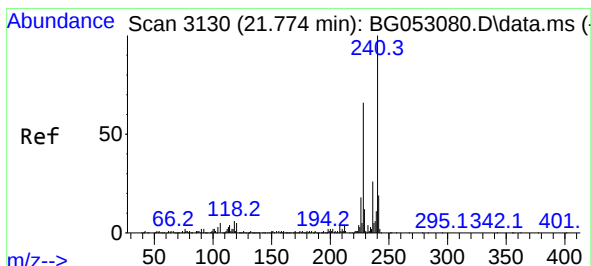
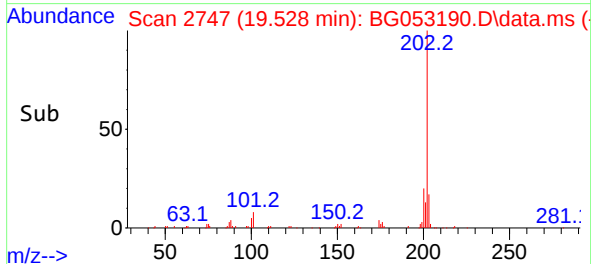
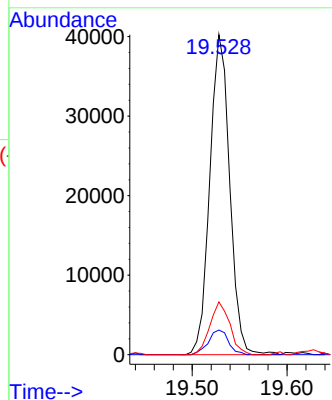
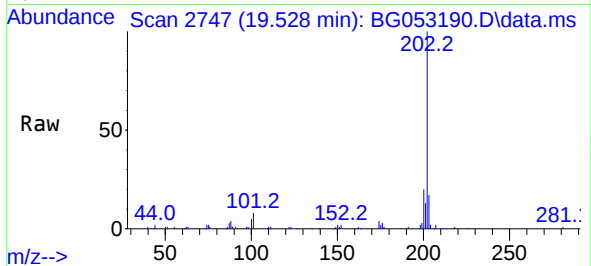




#75
Fluoranthene
Concen: 3.936 ng
RT: 19.528 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

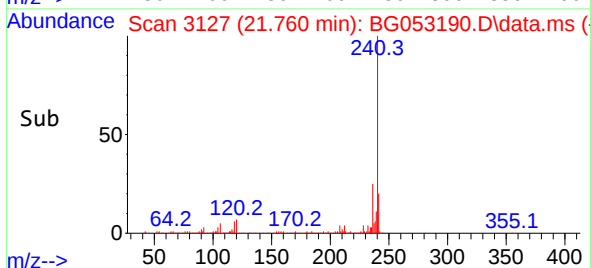
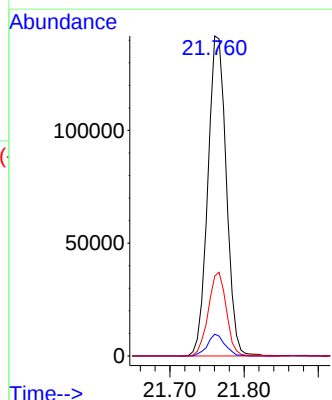
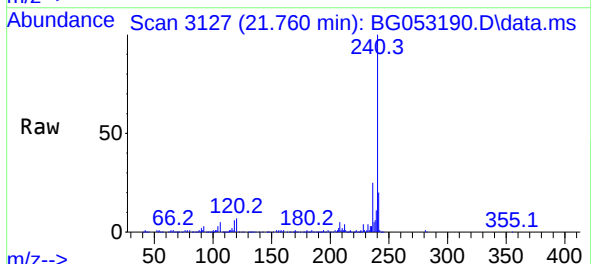
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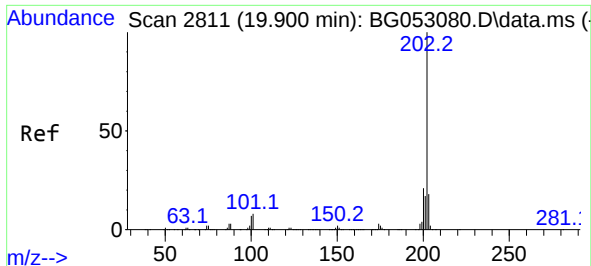
Tgt Ion:202 Resp: 58505
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.3
203 16.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.014 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion:240 Resp: 245145
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.0
236 25.0 19.8 29.6

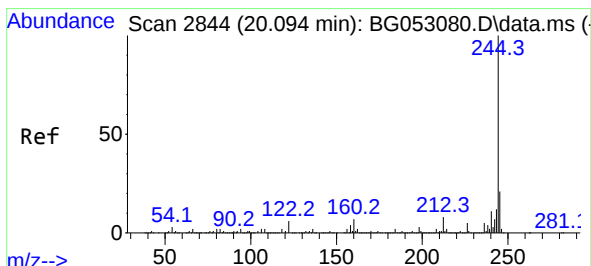
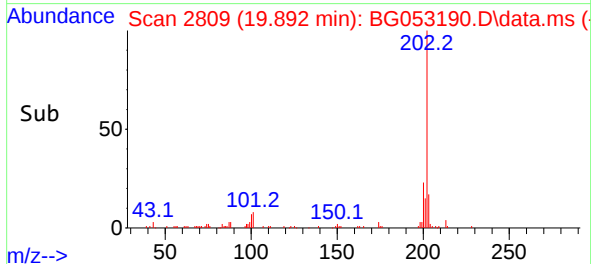
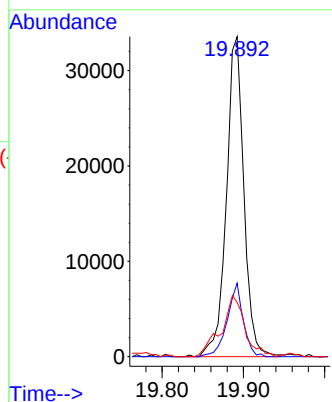
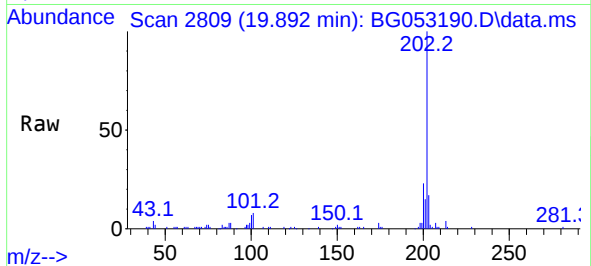




#78
Pyrene
Concen: 2.876 ng
RT: 19.892 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

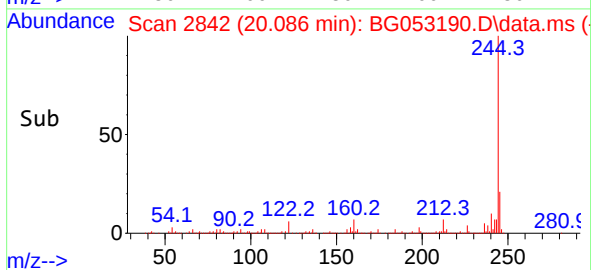
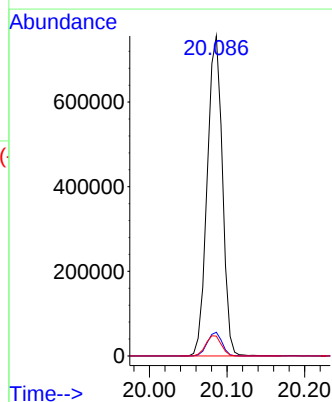
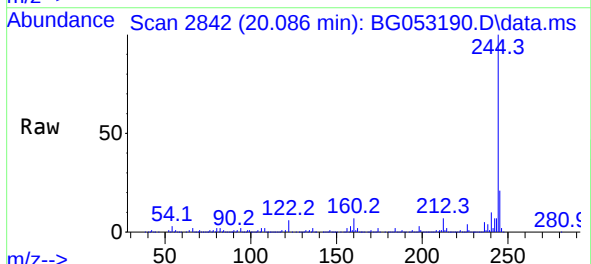
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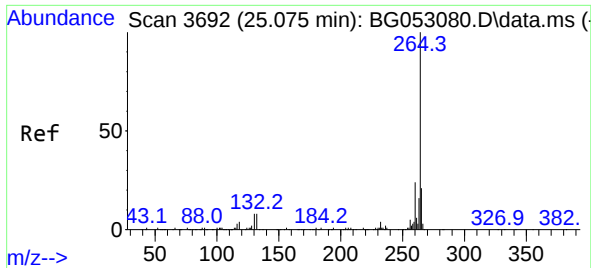
Tgt Ion:202 Resp: 50219
Ion Ratio Lower Upper
202 100
200 22.9 17.0 25.6
203 16.9 15.0 22.6



#79
Terphenyl-d14
Concen: 70.652 ng
RT: 20.086 min Scan# 2842
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

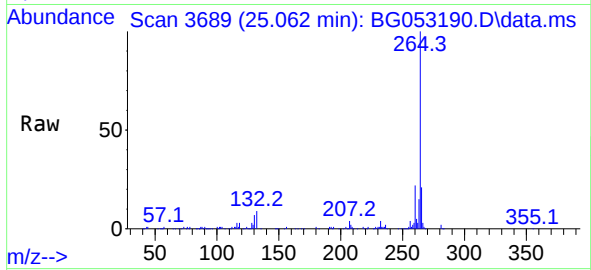
Tgt Ion:244 Resp: 1025522
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 6.2 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.062 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:264 Resp: 254617

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.2
265	20.9	15.1	22.7

