

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053187.D
 Acq On : 18 Apr 2022 19:34
 Operator : CG/JU
 Sample : N2444-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4S

Quant Time: Apr 19 04:21:27 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	8.118	152	31599	20.000	ng	0.00
21) Naphthalene-d8	10.926	136	118944	20.000	ng	-0.01
39) Acenaphthene-d10	14.738	164	86137	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	208668	20.000	ng	-0.01
76) Chrysene-d12	21.764	240	241654	20.000	ng	0.00
86) Perylene-d12	25.060	264	242325	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	277317	150.439	ng	0.00
7) Phenol-d6	7.278	99	393146	138.301	ng	0.00
23) Nitrobenzene-d5	9.281	82	279990	95.579	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	196908	143.686	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	607415	97.237	ng	0.00
79) Terphenyl-d14	20.084	244	1218960	85.192	ng	0.00

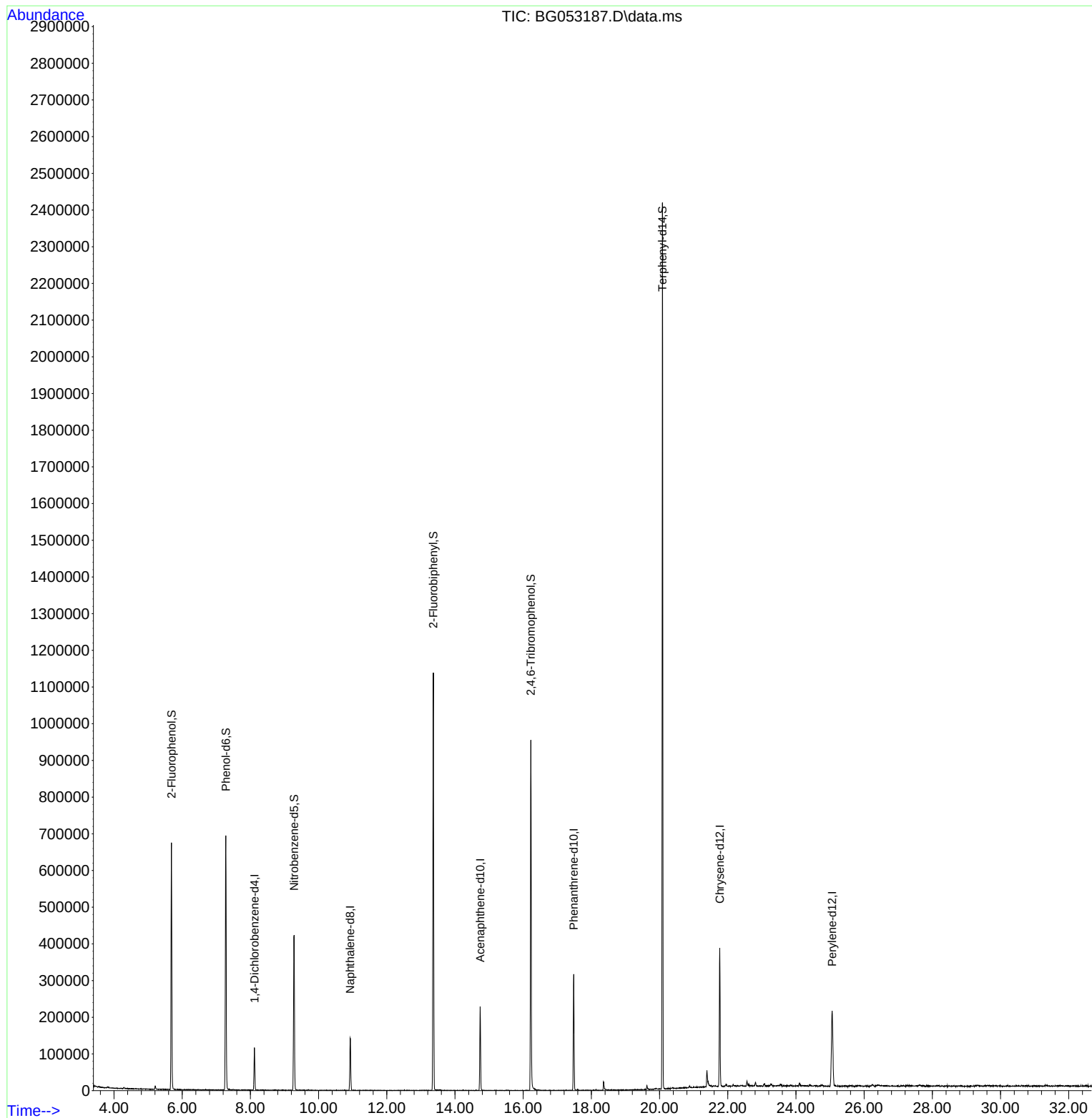
Target Compounds	Qvalue

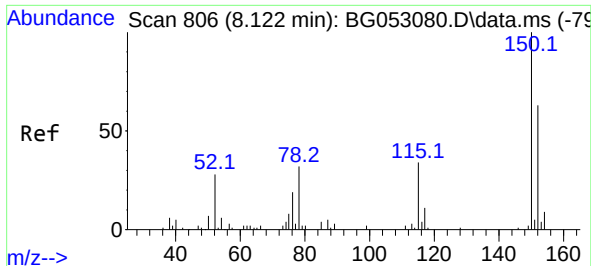
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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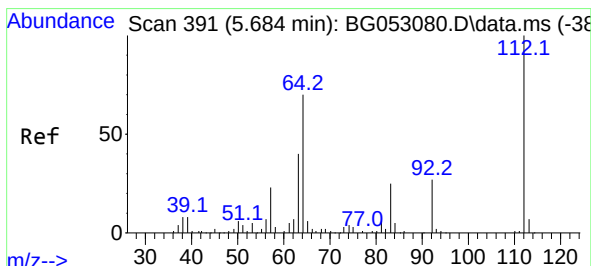
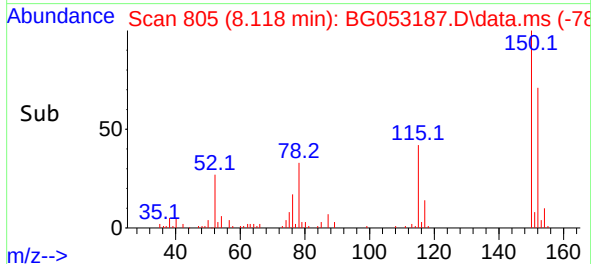
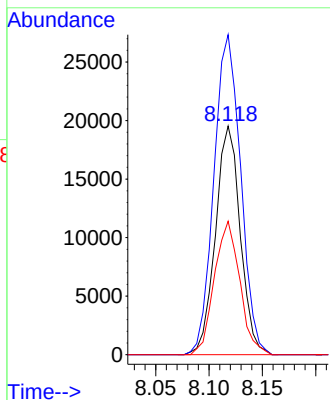
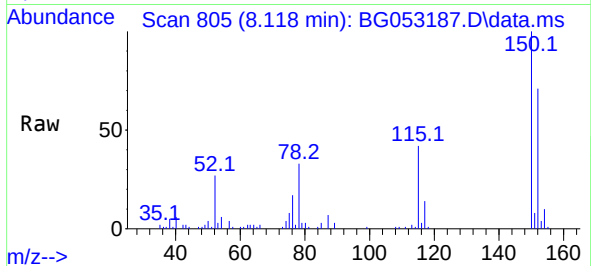




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.118 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

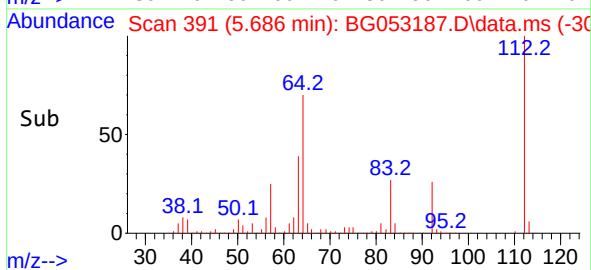
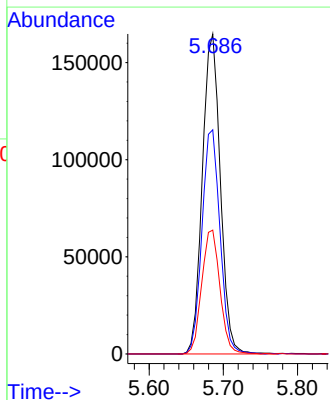
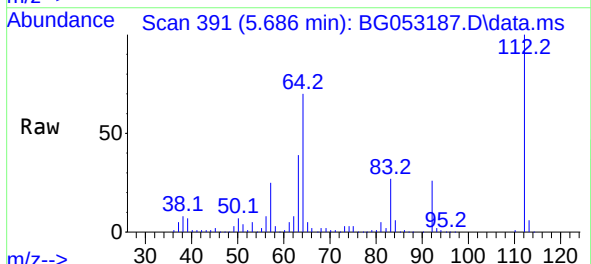
Instrument :
BNA_G
ClientSampleId :
SB-4S

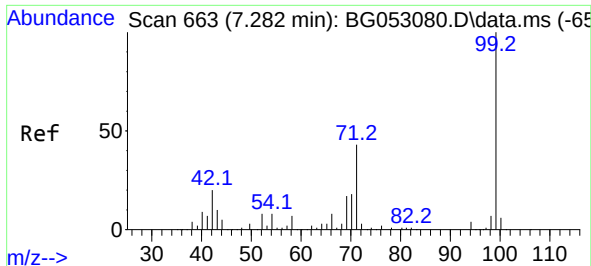
Tgt Ion:152 Resp: 31599
Ion Ratio Lower Upper
152 100
150 139.9 114.6 172.0
115 58.4 45.9 68.9



#5
2-Fluorophenol
Concen: 150.439 ng
RT: 5.686 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

Tgt Ion:112 Resp: 277317
Ion Ratio Lower Upper
112 100
64 70.0 48.0 72.0
63 38.7 26.5 39.7

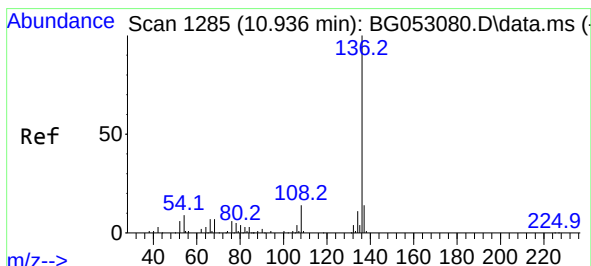
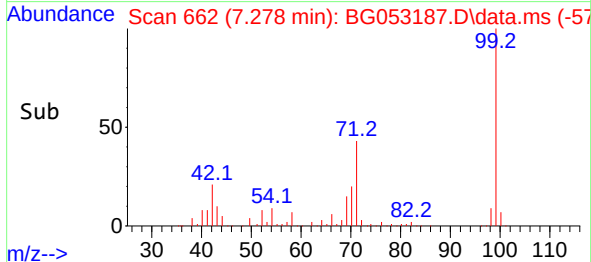
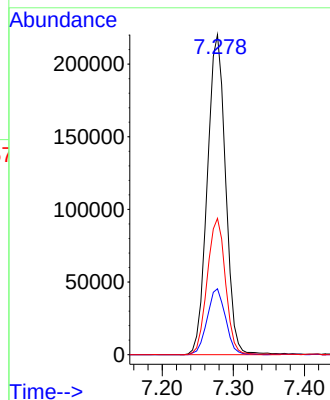
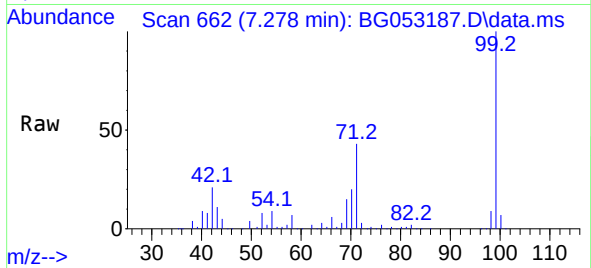




#7
Phenol-d6
Concen: 138.301 ng
RT: 7.278 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

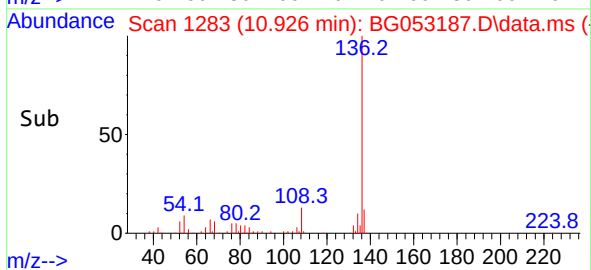
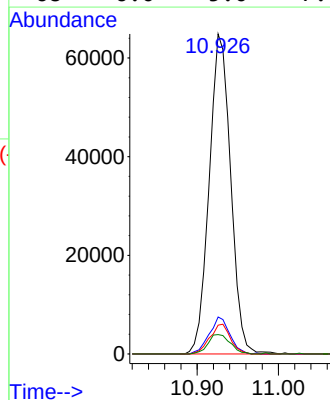
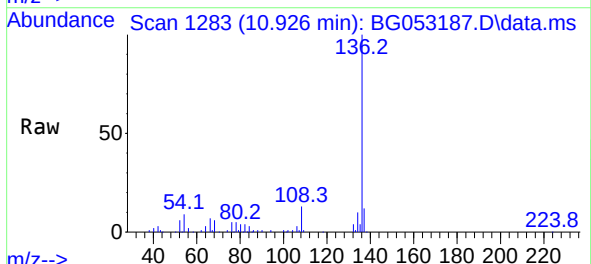
Instrument :
BNA_G
ClientSampleId :
SB-4S

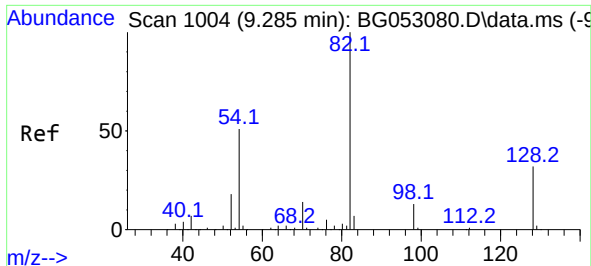
Tgt Ion: 99 Resp: 393146
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 42.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.926 min Scan# 1283
Delta R.T. -0.010 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

Tgt Ion:136 Resp: 118944
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 9.0 6.4 9.6
68 6.0 5.0 7.6

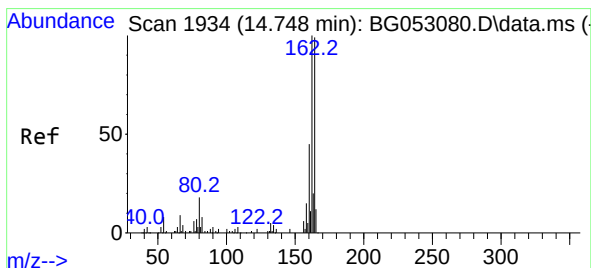
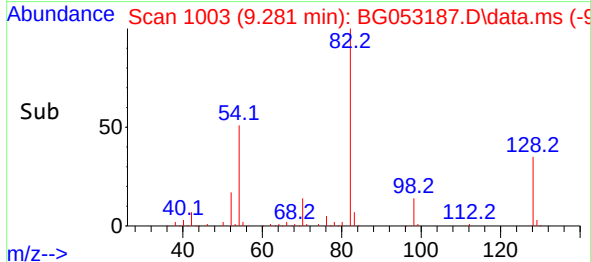
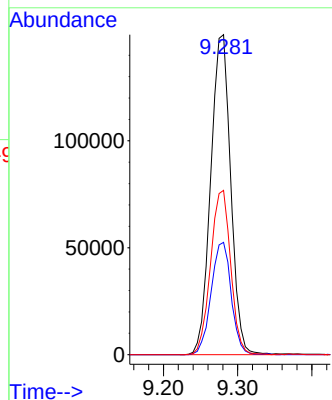
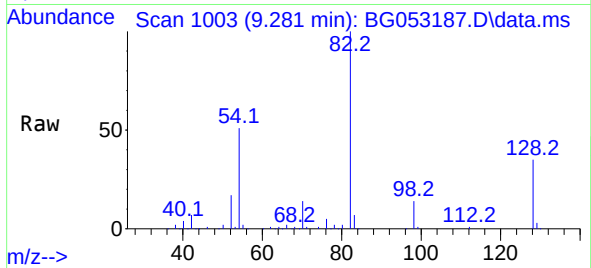




#23
Nitrobenzene-d5
Concen: 95.579 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

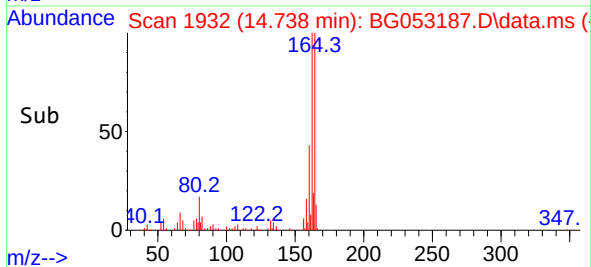
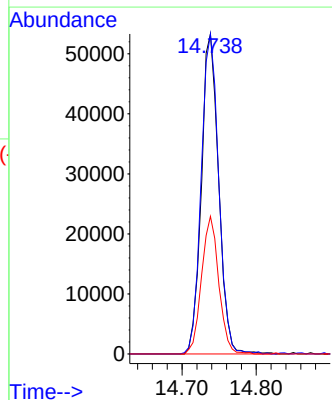
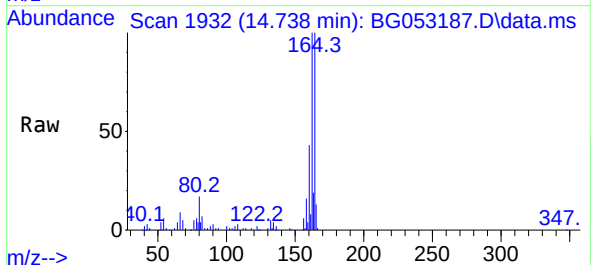
Instrument :
BNA_G
ClientSampleId :
SB-4S

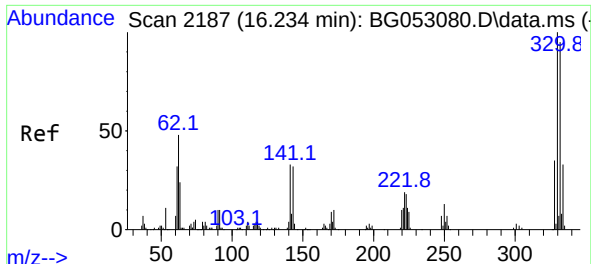
Tgt Ion: 82 Resp: 279990
Ion Ratio Lower Upper
82 100
128 35.1 31.3 46.9
54 51.3 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.010 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

Tgt Ion:164 Resp: 86137
Ion Ratio Lower Upper
164 100
162 100.0 80.0 120.0
160 43.0 38.8 58.2

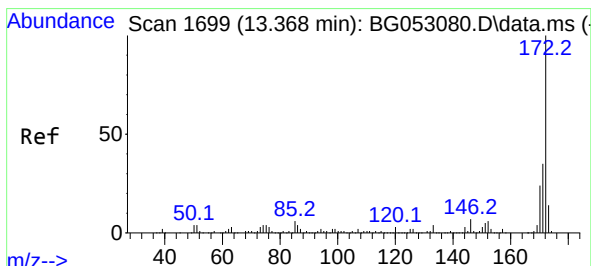
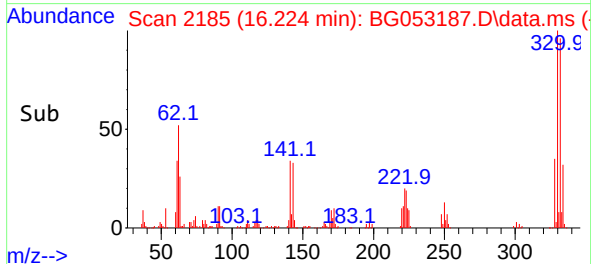
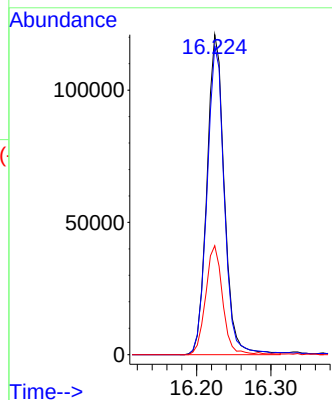
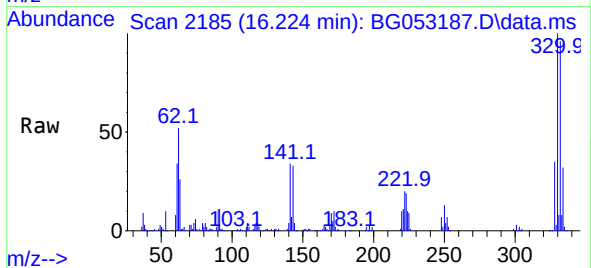




#42
2,4,6-Tribromophenol
Concen: 143.686 ng
RT: 16.224 min Scan# 2187
Delta R.T. -0.010 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

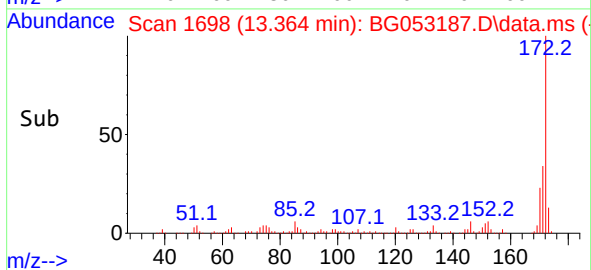
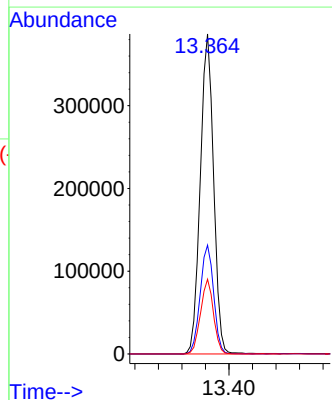
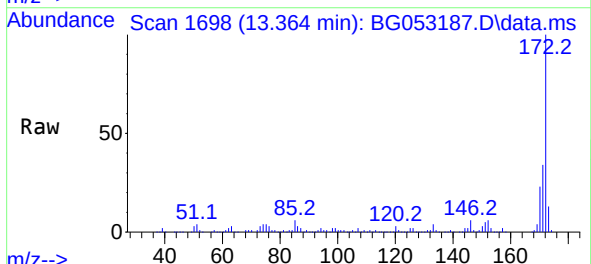
Instrument :
BNA_G
ClientSampleId :
SB-4S

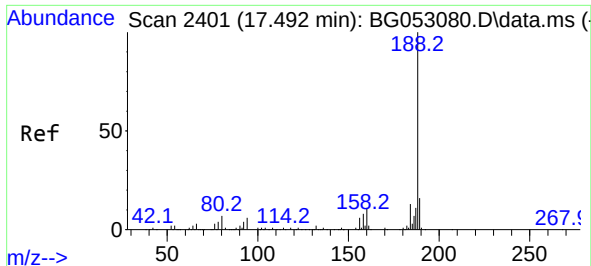
Tgt Ion:330 Resp: 196908
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 33.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 97.237 ng
RT: 13.364 min Scan# 1698
Delta R.T. -0.004 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

Tgt Ion:172 Resp: 607415
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 23.3 18.0 27.0

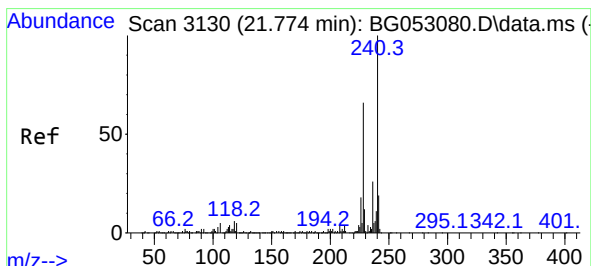
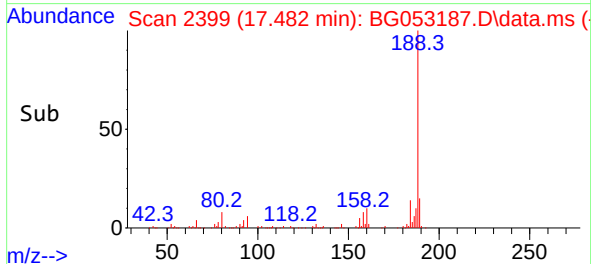
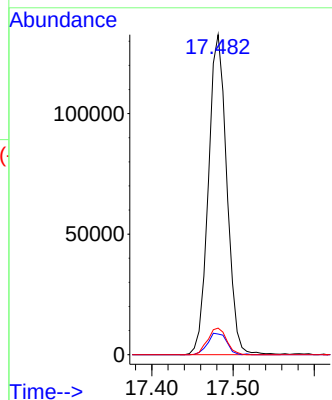
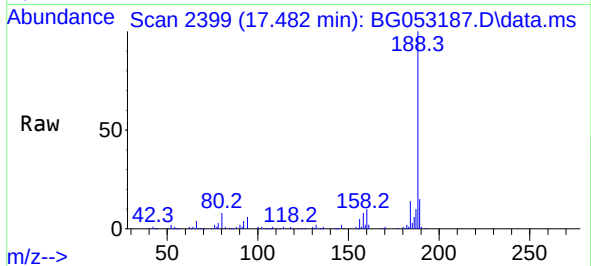




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.482 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

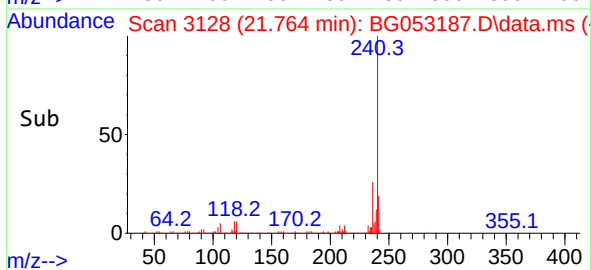
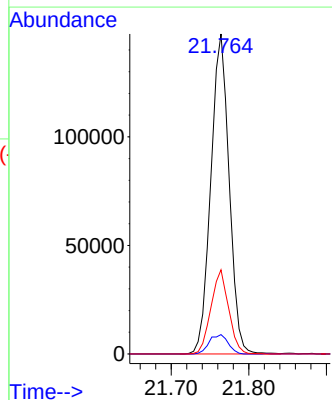
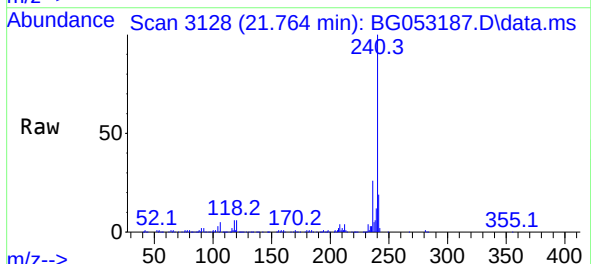
Instrument :
BNA_G
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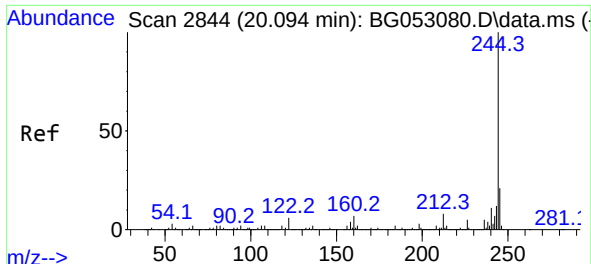
Tgt Ion:188 Resp: 208668
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG053187.D
Acq: 18 Apr 2022 19:34

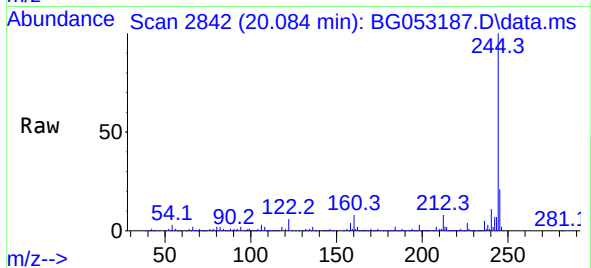
Tgt Ion:240 Resp: 241654
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 26.3 19.8 29.6



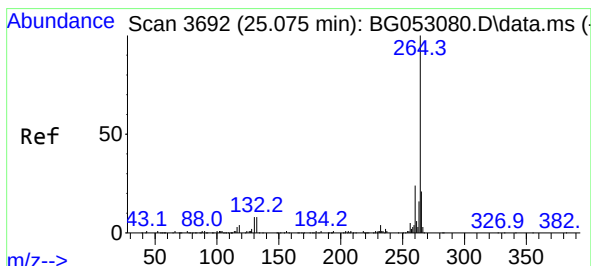
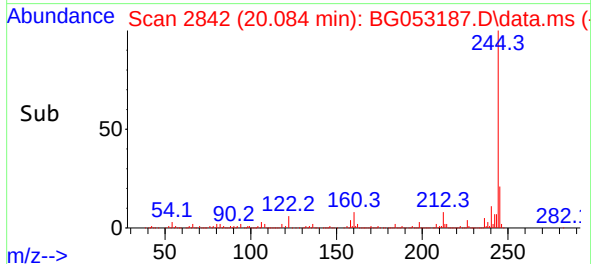
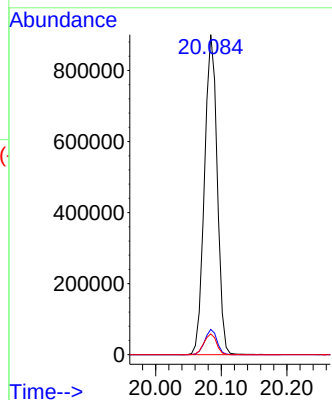


#79
 Terphenyl-d14
 Concen: 85.192 ng
 RT: 20.084 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG053187.D
 Acq: 18 Apr 2022 19:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-4S



Tgt Ion:244 Resp: 1218960
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.060 min Scan# 3689
 Delta R.T. -0.016 min
 Lab File: BG053187.D
 Acq: 18 Apr 2022 19:34

Tgt Ion:264 Resp: 242325
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 22.8 15.1 22.7#

