

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053860.D
 Acq On : 9 Jun 2022 14:38
 Operator : CG/JU
 Sample : N3233-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CR-1

Quant Time: Jun 09 17:36:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	19772	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	83998	20.000	ng	# 0.00
39) Acenaphthene-d10	14.715	164	65413	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	174858	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	180524	20.000	ng	0.00
86) Perylene-d12	24.997	264	187811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	139438	129.505	ng	0.00
7) Phenol-d6	7.241	99	186327	127.752	ng	0.00
23) Nitrobenzene-d5	9.251	82	119640	93.532	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	134086	168.869	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	329984	75.468	ng	0.00
79) Terphenyl-d14	20.061	244	691077	76.158	ng	0.00

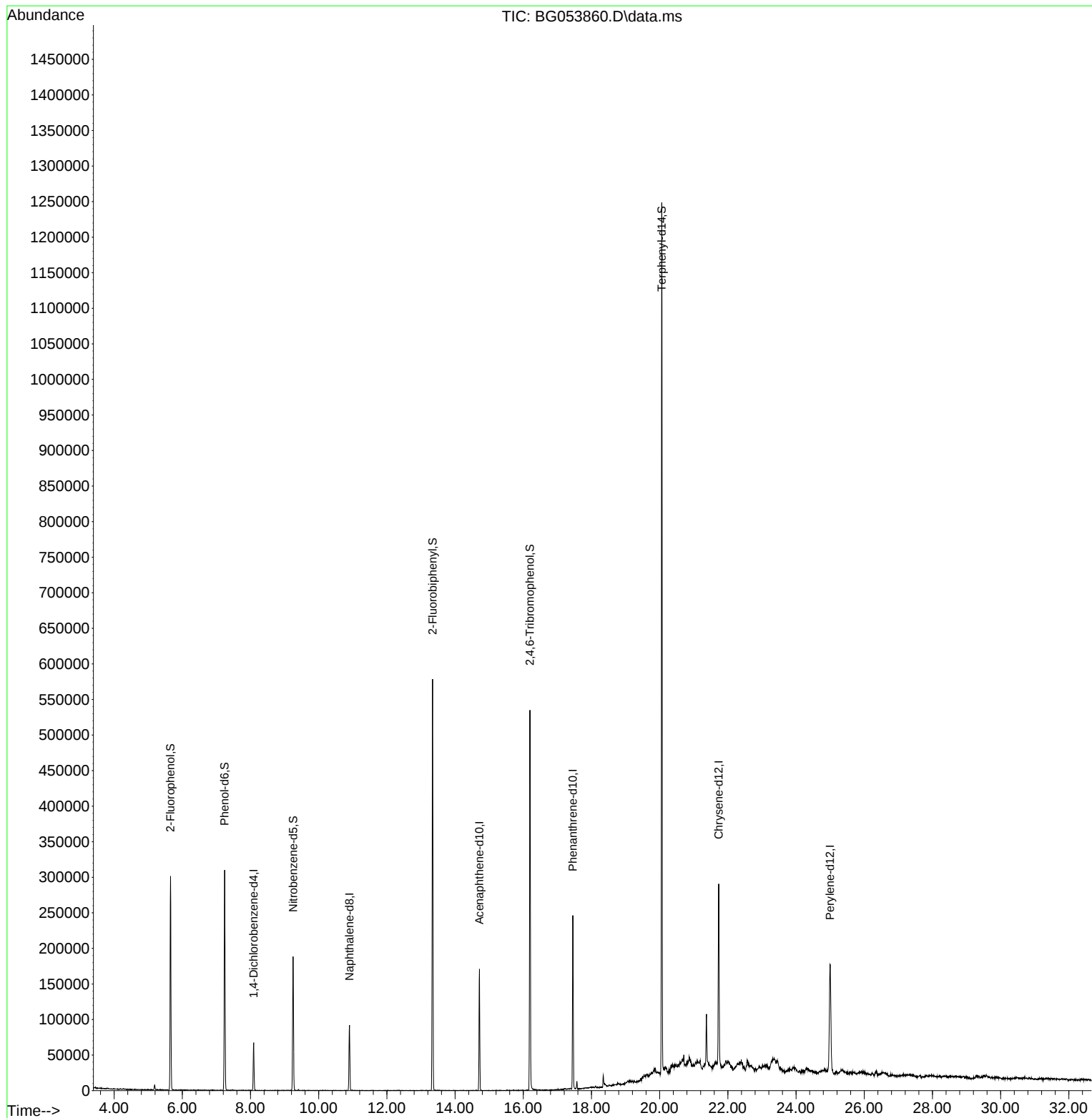
Target Compounds	Qvalue

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

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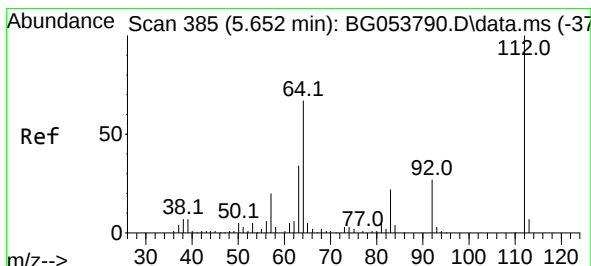
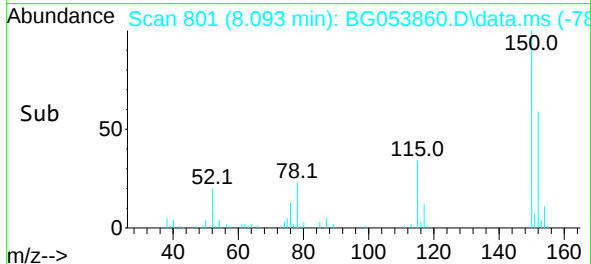
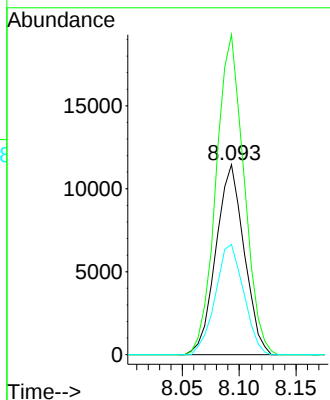
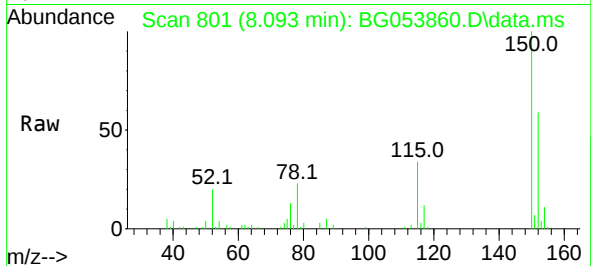




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 801
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

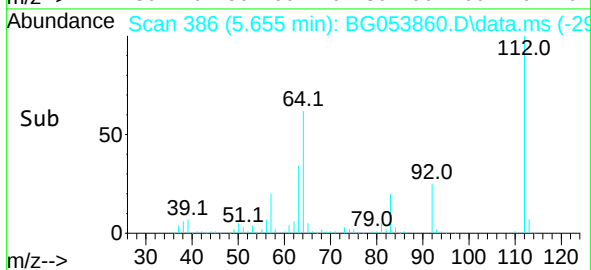
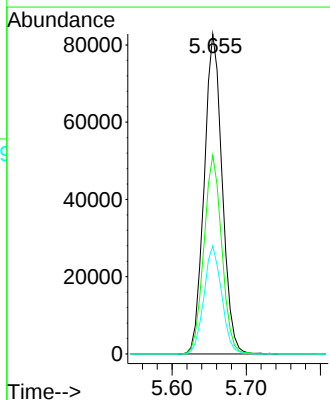
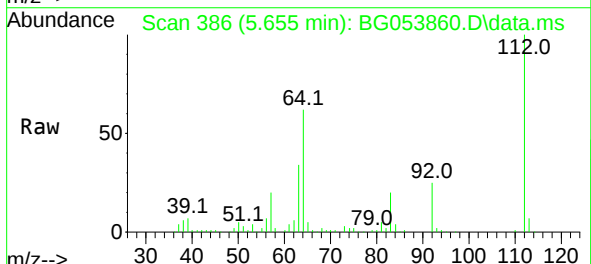
Instrument :
BNA_G
ClientSampleId :
CR-1

Tgt Ion:152 Resp: 19772
Ion Ratio Lower Upper
152 100
150 168.3 131.6 197.4
115 58.0 50.9 76.3



#5
2-Fluorophenol
Concen: 129.505 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion:112 Resp: 139438
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 33.8 30.4 45.6

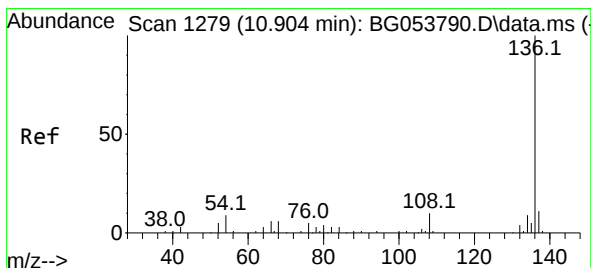
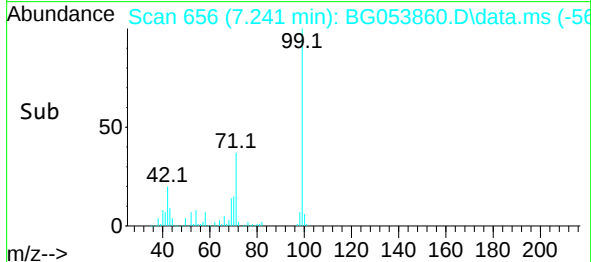
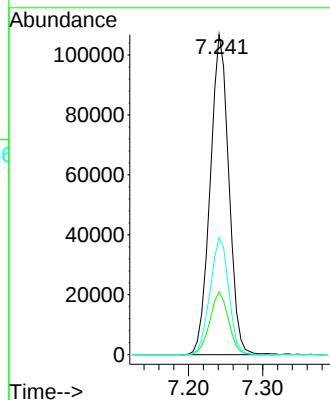
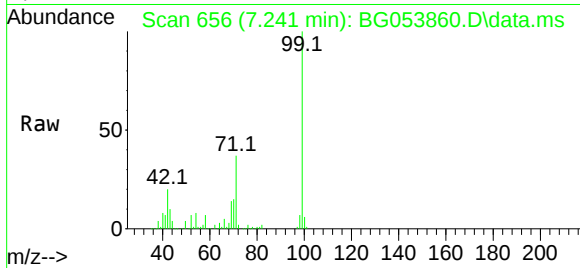




#7
Phenol-d6
Concen: 127.752 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

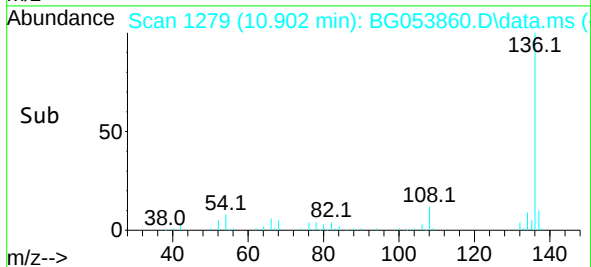
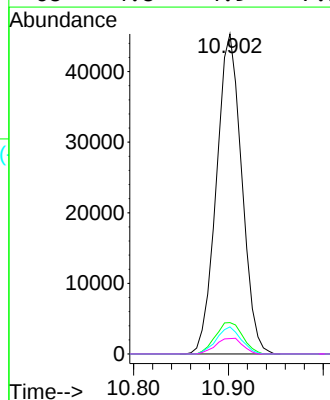
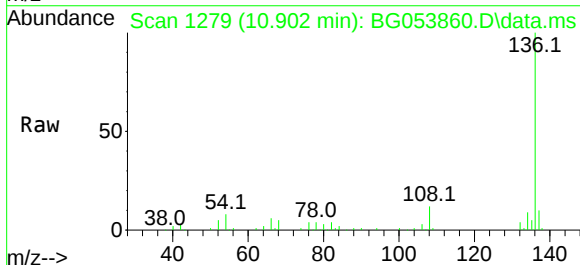
Instrument :
BNA_G
ClientSampleId :
CR-1

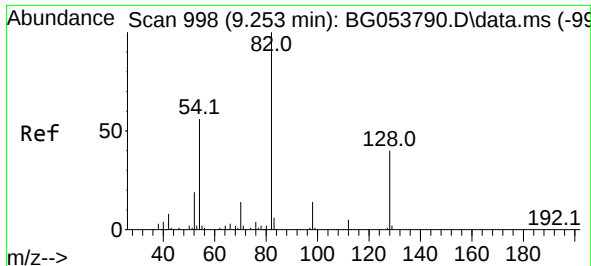
Tgt Ion: 99 Resp: 186327
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 36.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion:136 Resp: 83998
Ion Ratio Lower Upper
136 100
137 9.8 8.5 12.7
54 8.4 7.4 11.2
68 4.8 4.9 7.3#

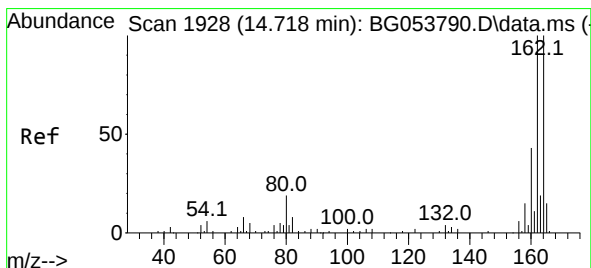
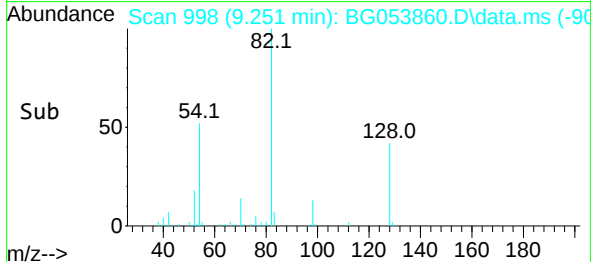
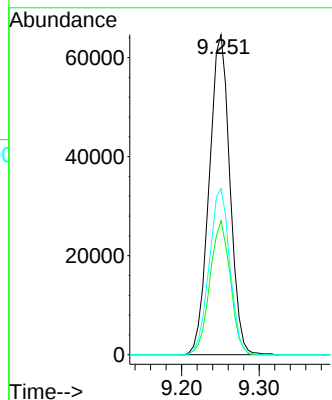
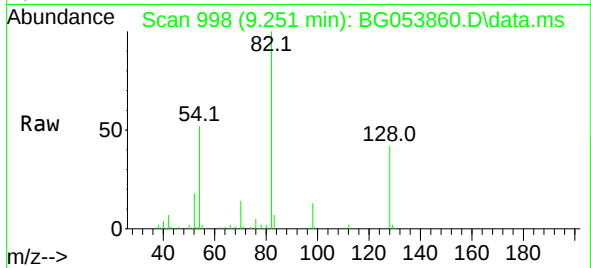




#23
Nitrobenzene-d5
Concen: 93.532 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

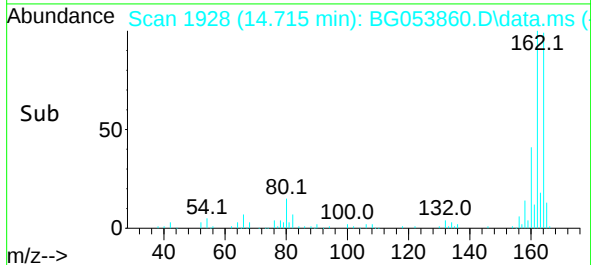
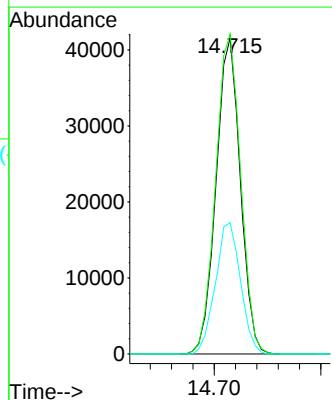
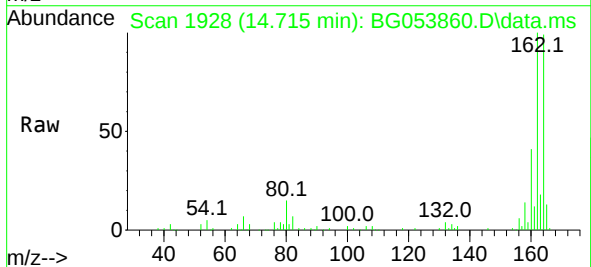
Instrument :
BNA_G
ClientSampleId :
CR-1

Tgt Ion: 82 Resp: 119640
Ion Ratio Lower Upper
82 100
128 41.8 27.9 41.9
54 51.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

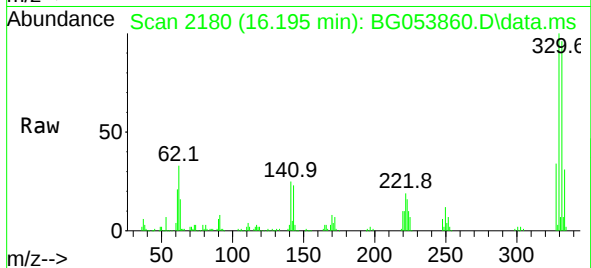
Tgt Ion:164 Resp: 65413
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 41.6 34.2 51.2



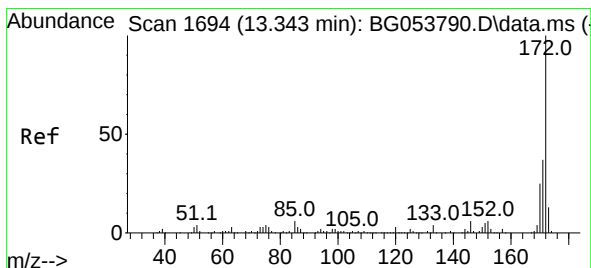
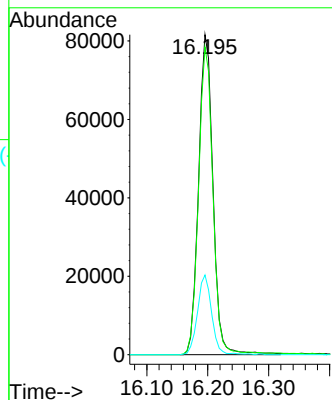
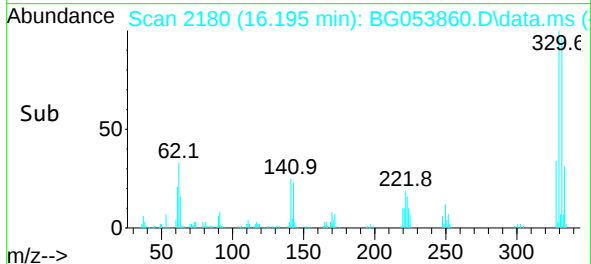


#42
2,4,6-Tribromophenol
Concen: 168.869 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

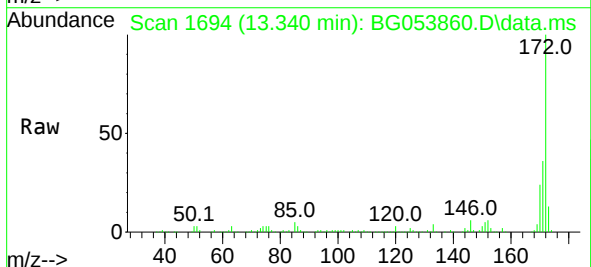
Instrument :
BNA_G
ClientSampleId :
CR-1



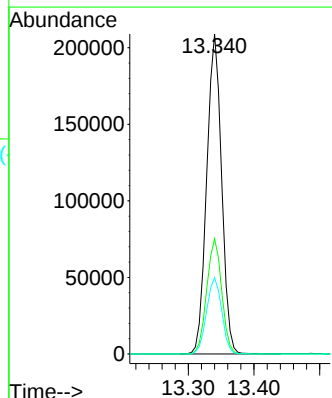
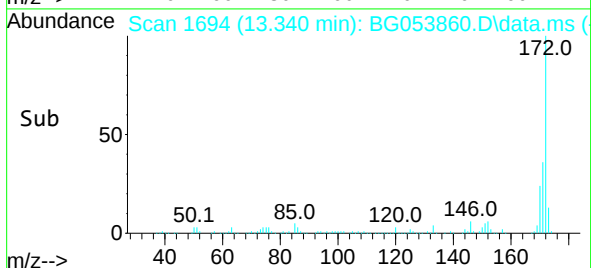
Tgt Ion:330 Resp: 134086
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 24.5 27.1 40.7#

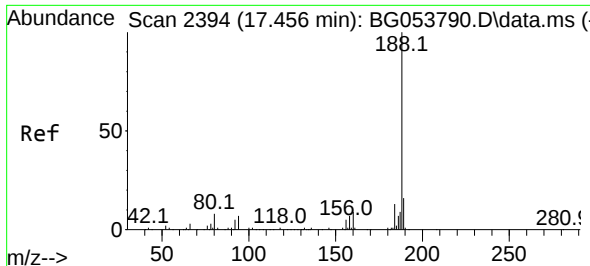


#45
2-Fluorobiphenyl
Concen: 75.468 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38



Tgt Ion:172 Resp: 329984
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.9 18.9 28.3

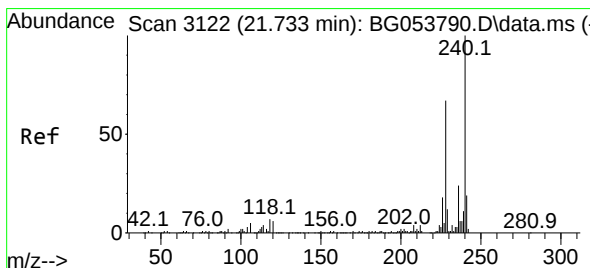
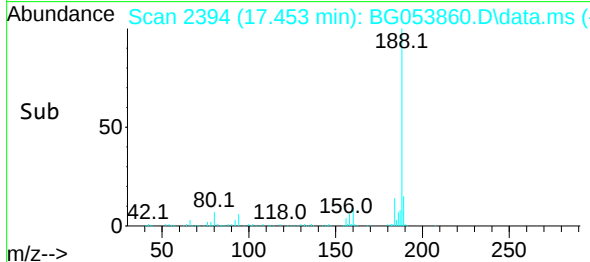
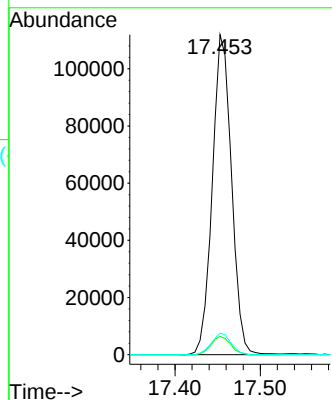
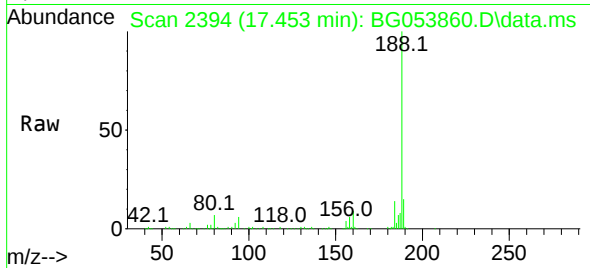




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

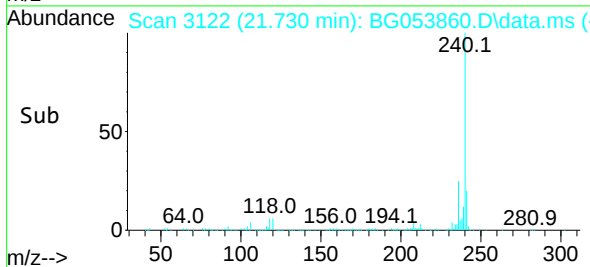
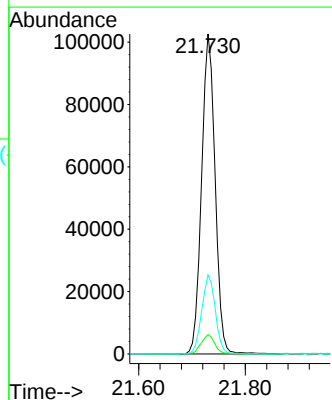
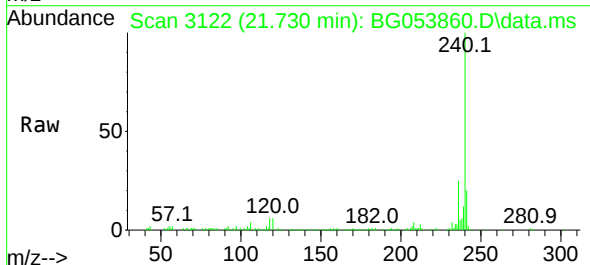
Instrument :
BNA_G
ClientSampleId :
CR-1

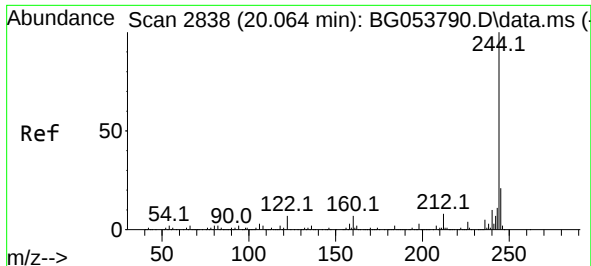
Tgt Ion:188 Resp: 174858
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 6.7 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion:240 Resp: 180524
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.7 20.2 30.4

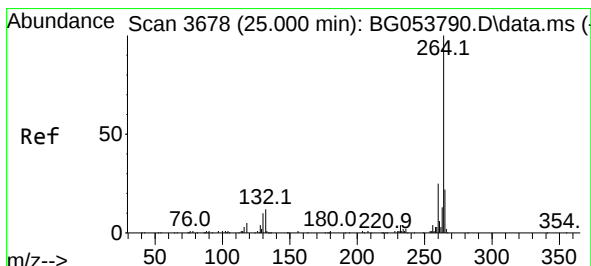
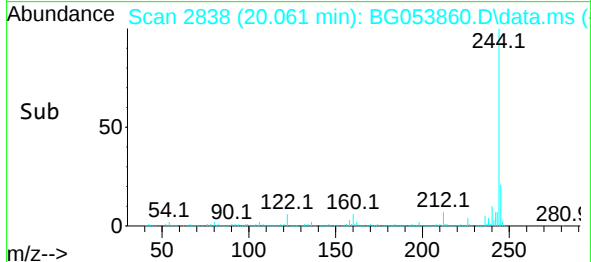
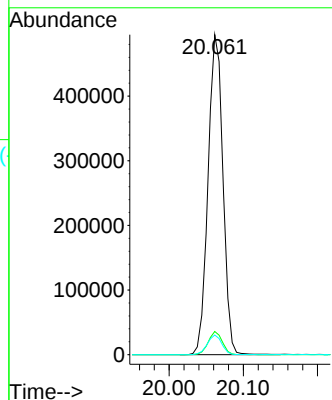
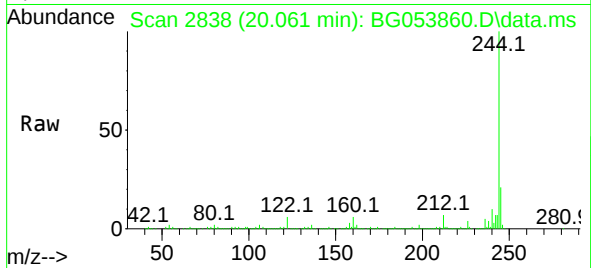




#79
 Terphenyl-d14
 Concen: 76.158 ng
 RT: 20.061 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053860.D
 Acq: 9 Jun 2022 14:38

Instrument :
 BNA_G
 ClientSampleId :
 CR-1

Tgt Ion:244 Resp: 691077
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.997 min Scan# 3678
 Delta R.T. -0.003 min
 Lab File: BG053860.D
 Acq: 9 Jun 2022 14:38

Tgt Ion:264 Resp: 187811
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 22.1 17.4 26.2

