

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050678.D
 Acq On : 21 Oct 2021 22:31
 Operator : CG/JU
 Sample : M4290-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TH-BD

Quant Time: Oct 22 04:04:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	34869	20.00	ng	0.00
21) Naphthalene-d8	11.072	136	148905	20.00	ng	#-0.01
39) Acenaphthene-d10	14.868	164	101658	20.00	ng	0.00
64) Phenanthrene-d10	17.612	188	233941	20.00	ng	# 0.00
76) Chrysene-d12	21.913	240	207934	20.00	ng	#-0.01
86) Perylene-d12	25.326	264	204988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	219602	94.19	ng	0.00
7) Phenol-d6	7.394	99	300916	89.14	ng	0.00
23) Nitrobenzene-d5	9.421	82	211934	58.92	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	89167	91.96	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	379936	56.25	ng	-0.01
79) Terphenyl-d14	20.203	244	604071	56.62	ng	0.00

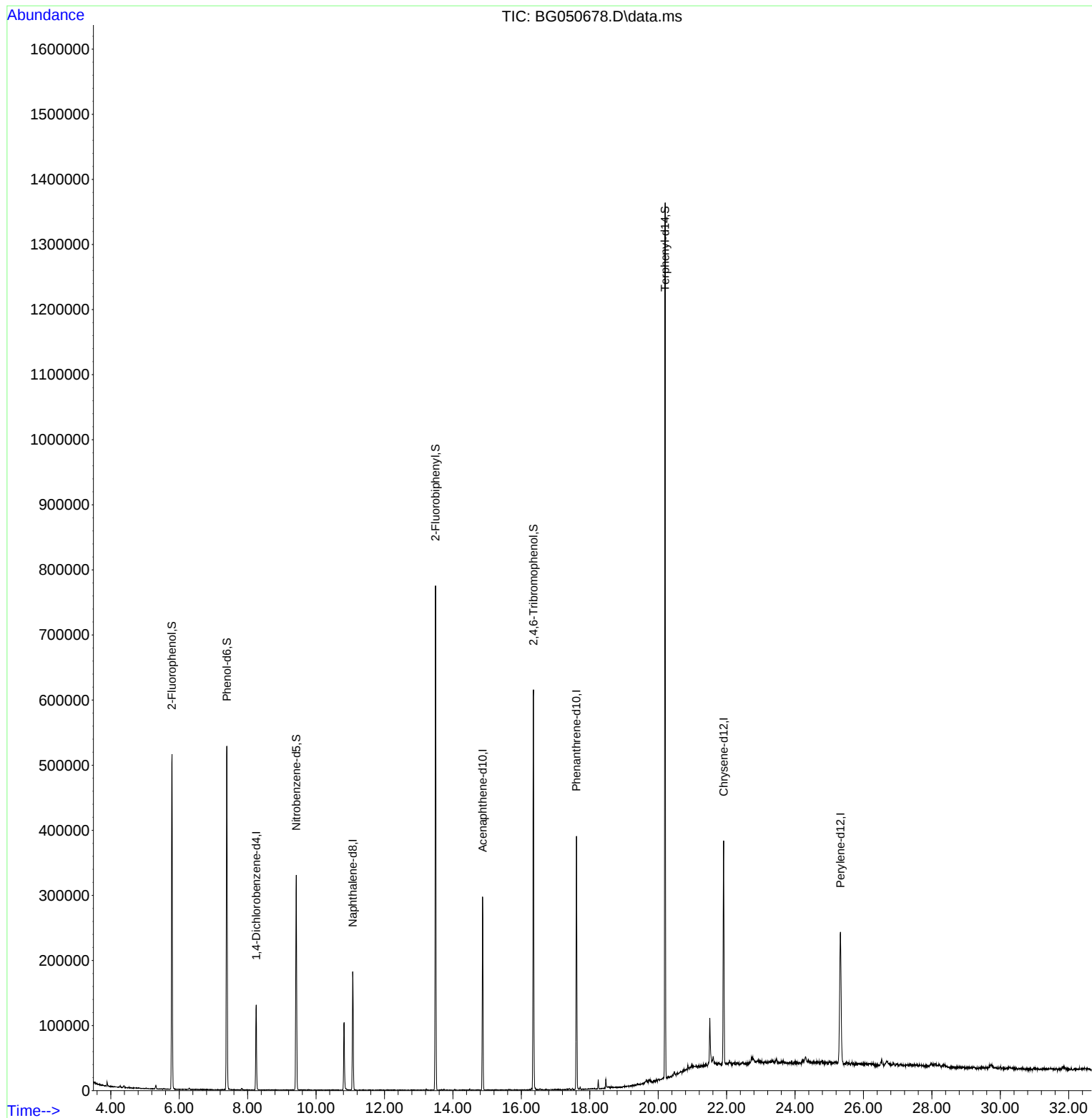
Target Compounds	Qvalue

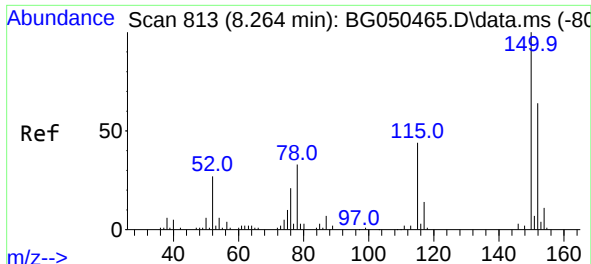
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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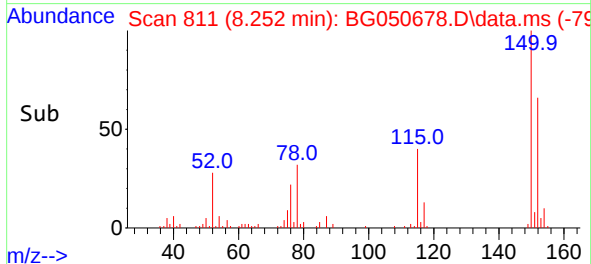
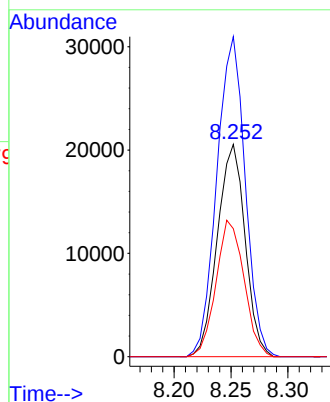
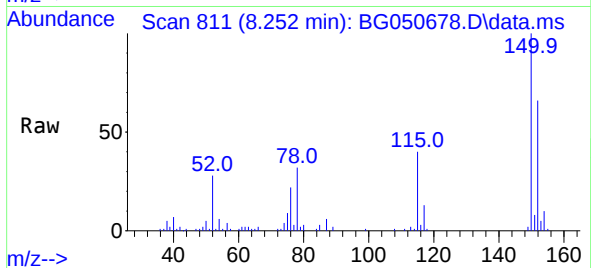




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

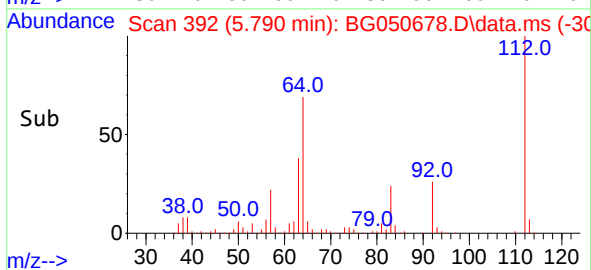
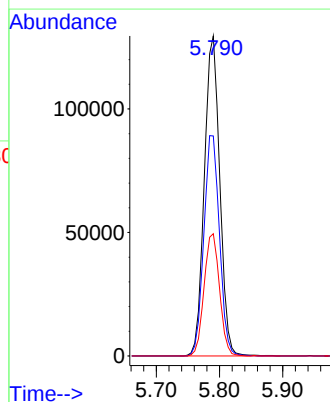
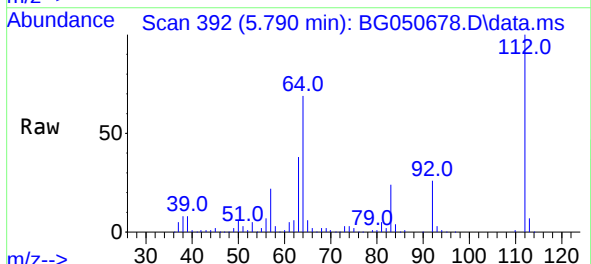
Instrument :
BNA_G
ClientSampleId :
TH-BD

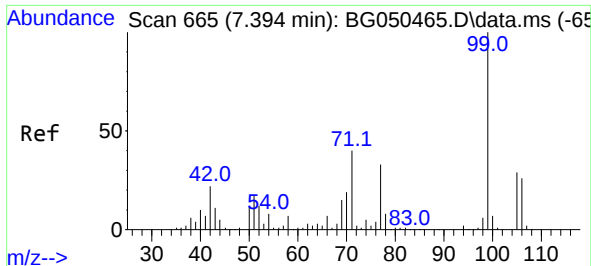
Tgt Ion:152 Resp: 34869
Ion Ratio Lower Upper
152 100
150 150.7 119.4 179.0
115 60.3 60.2 90.4



#5
2-Fluorophenol
Concen: 94.19 ng
RT: 5.790 min Scan# 392
Delta R.T. -0.000 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:112 Resp: 219602
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 38.2 35.3 52.9

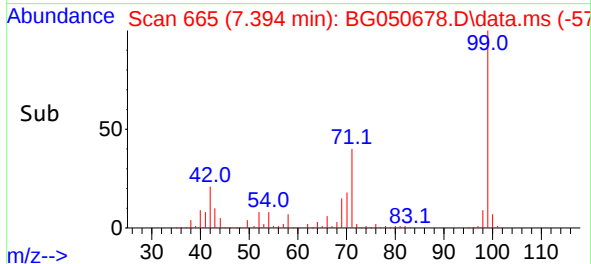
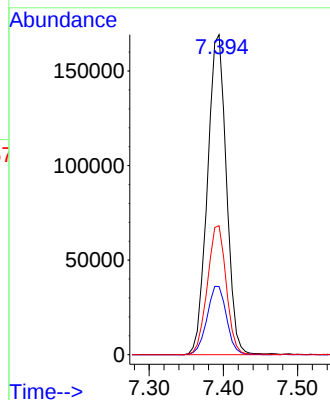
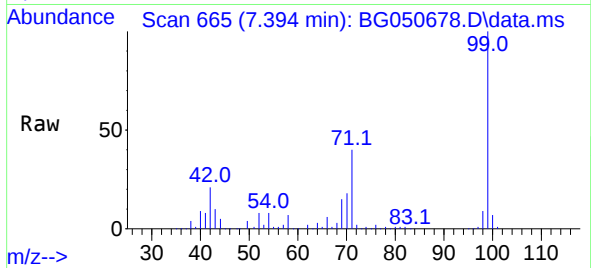




#7
Phenol-d6
Concen: 89.14 ng
RT: 7.394 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

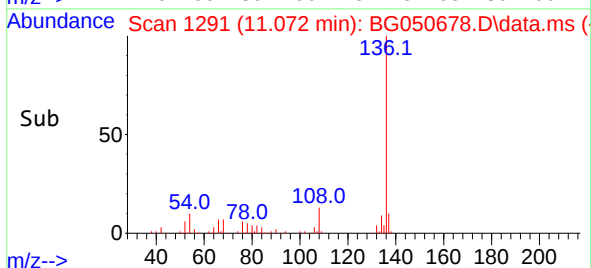
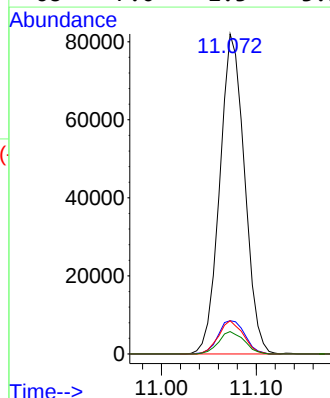
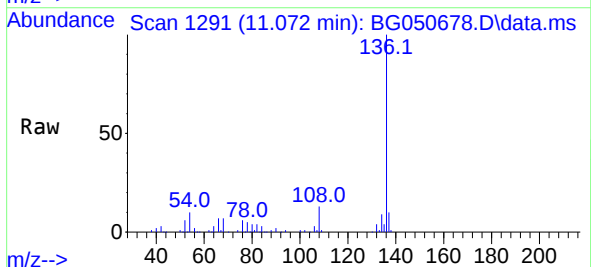
Instrument :
BNA_G
ClientSampleId :
TH-BD

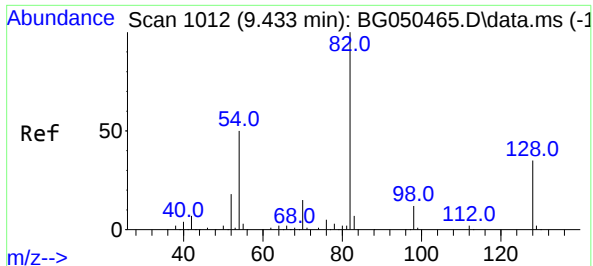
Tgt Ion: 99 Resp: 300916
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 40.3 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.072 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:136 Resp: 148905
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 10.4 5.5 8.3#
68 7.0 2.3 3.5#



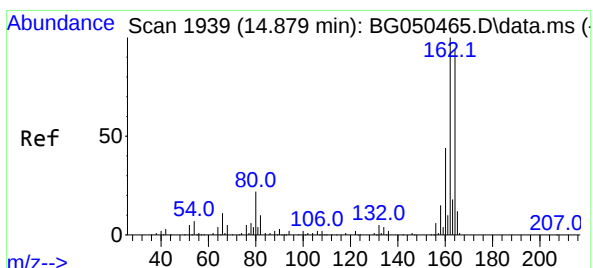
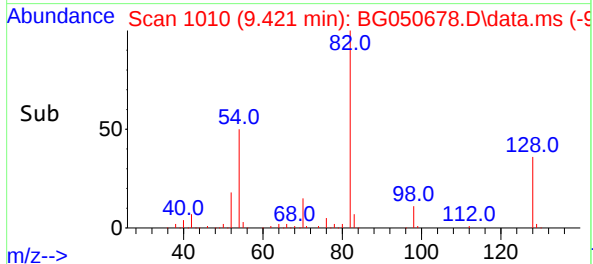
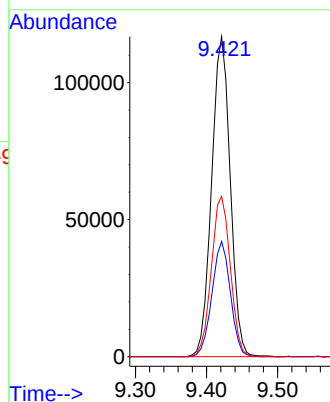
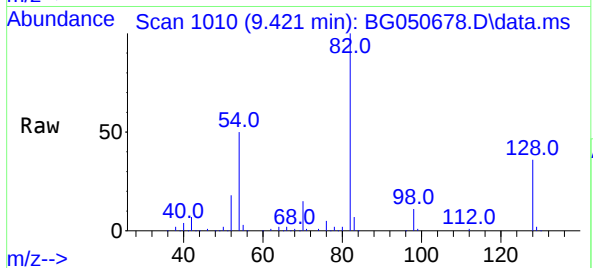


#23
Nitrobenzene-d5
Concen: 58.92 ng
RT: 9.421 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Instrument :
BNA_G
ClientSampleId :
TH-BD

Tgt Ion: 82 Resp: 211934

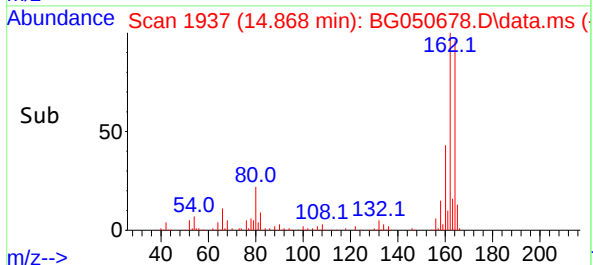
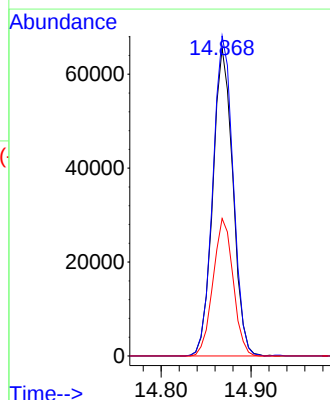
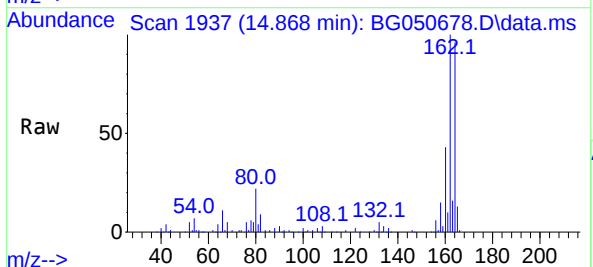
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.8	44.6
54	50.1	45.8	68.8

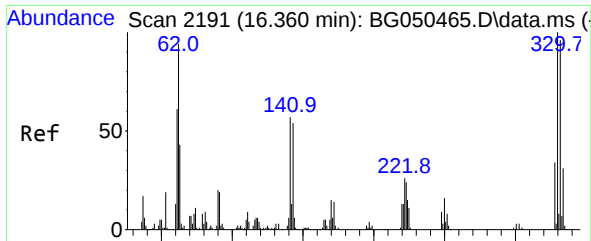


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion: 164 Resp: 101658

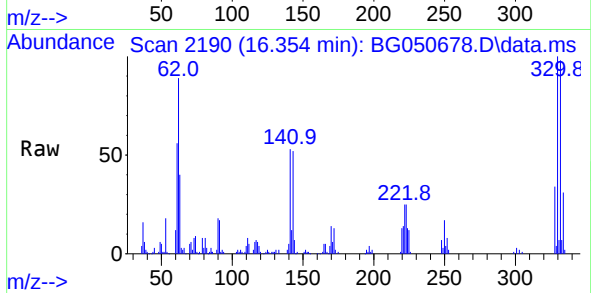
Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.4	122.0
160	44.7	34.9	52.3



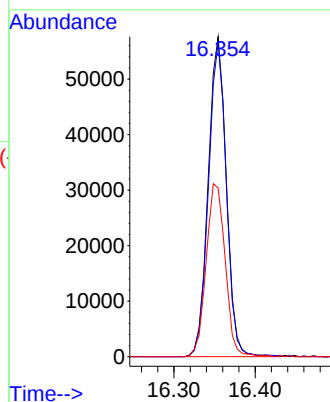
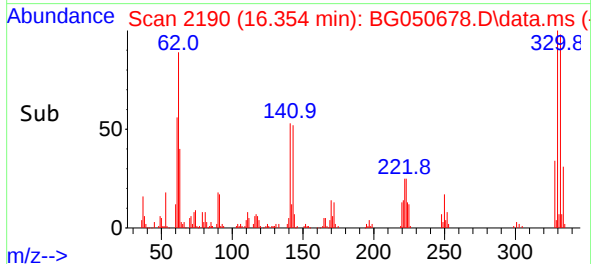


#42
2,4,6-Tribromophenol
Concen: 91.96 ng
RT: 16.354 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

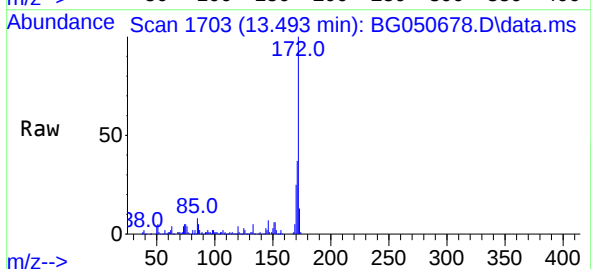
Instrument :
BNA_G
ClientSampleId :
TH-BD



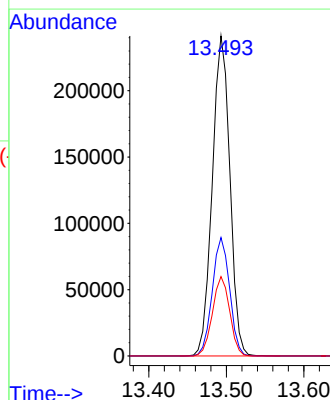
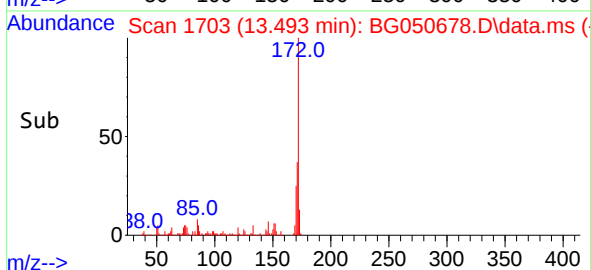
Tgt Ion:330 Resp: 89167
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 56.7 35.6 53.4#

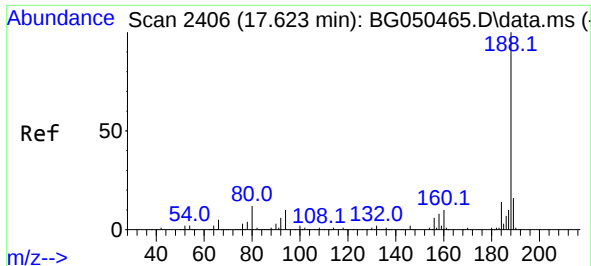


#45
2-Fluorobiphenyl
Concen: 56.25 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31



Tgt Ion:172 Resp: 379936
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.8 18.6 27.8

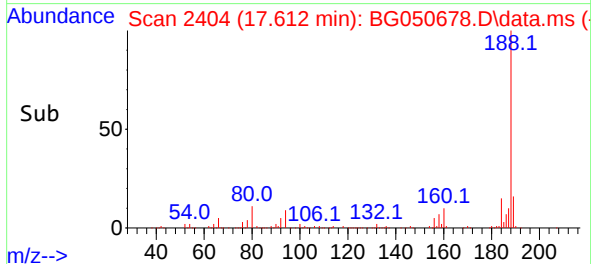
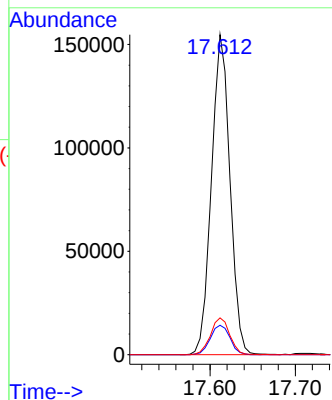
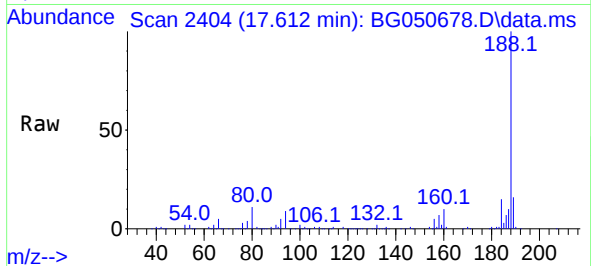




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

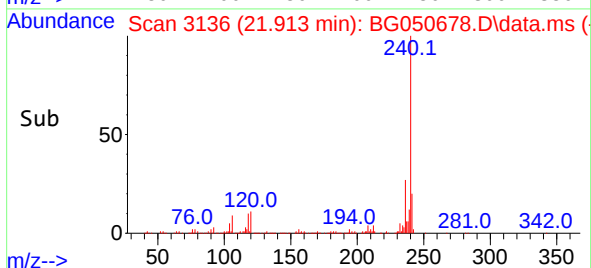
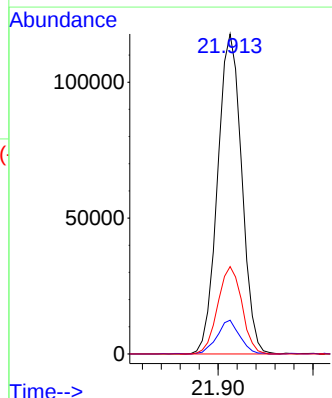
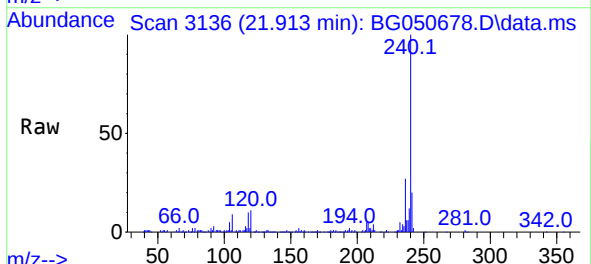
Instrument :
BNA_G
ClientSampleId :
TH-BD

Tgt Ion:188 Resp: 233941
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 11.5 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:240 Resp: 207934
Ion Ratio Lower Upper
240 100
120 10.5 4.2 6.2#
236 27.3 21.8 32.6

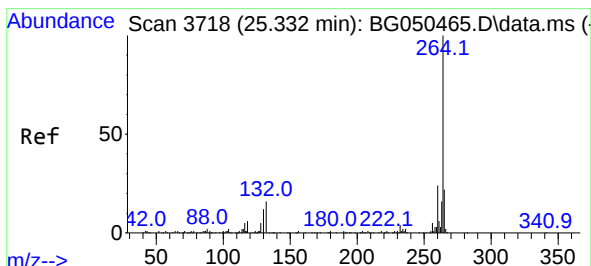
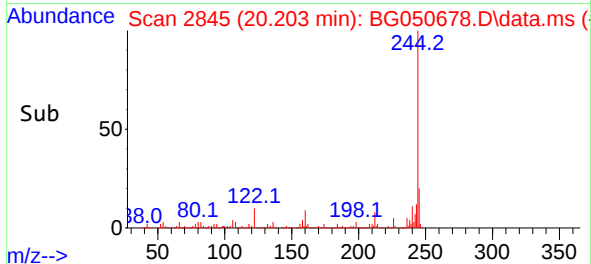
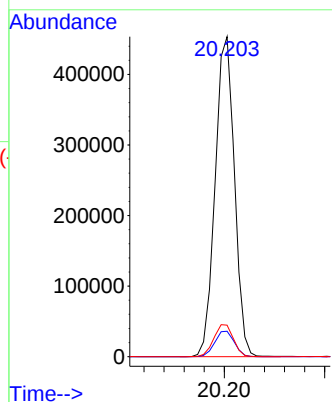
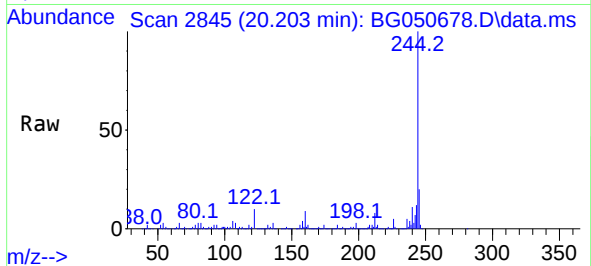




#79
 Terphenyl-d14
 Concen: 56.62 ng
 RT: 20.203 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BG050678.D
 Acq: 21 Oct 2021 22:31

Instrument :
 BNA_G
 ClientSampled :
 TH-BD

Tgt Ion:244 Resp: 604071
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 9.9 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.326 min Scan# 3717
 Delta R.T. -0.006 min
 Lab File: BG050678.D
 Acq: 21 Oct 2021 22:31

Tgt Ion:264 Resp: 204988
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 21.3 16.9 25.3

