

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050671.D
 Acq On : 21 Oct 2021 17:41
 Operator : CG/JU
 Sample : M4300-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TH-CD

Quant Time: Oct 21 18:20:41 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	8.253	152	38283	20.00	ng	# 0.00
21) Naphthalene-d8	11.073	136	156978	20.00	ng	#-0.01
39) Acenaphthene-d10	14.869	164	101689	20.00	ng	0.00
64) Phenanthrene-d10	17.613	188	232170	20.00	ng	# 0.00
76) Chrysene-d12	21.913	240	205748	20.00	ng	#-0.01
86) Perylene-d12	25.327	264	201266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	338089	132.08	ng	0.00
7) Phenol-d6	7.395	99	455328	122.86	ng	0.00
23) Nitrobenzene-d5	9.422	82	320175	84.43	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	133393	137.53	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	561050	83.04	ng	-0.01
79) Terphenyl-d14	20.204	244	859200	81.38	ng	0.00

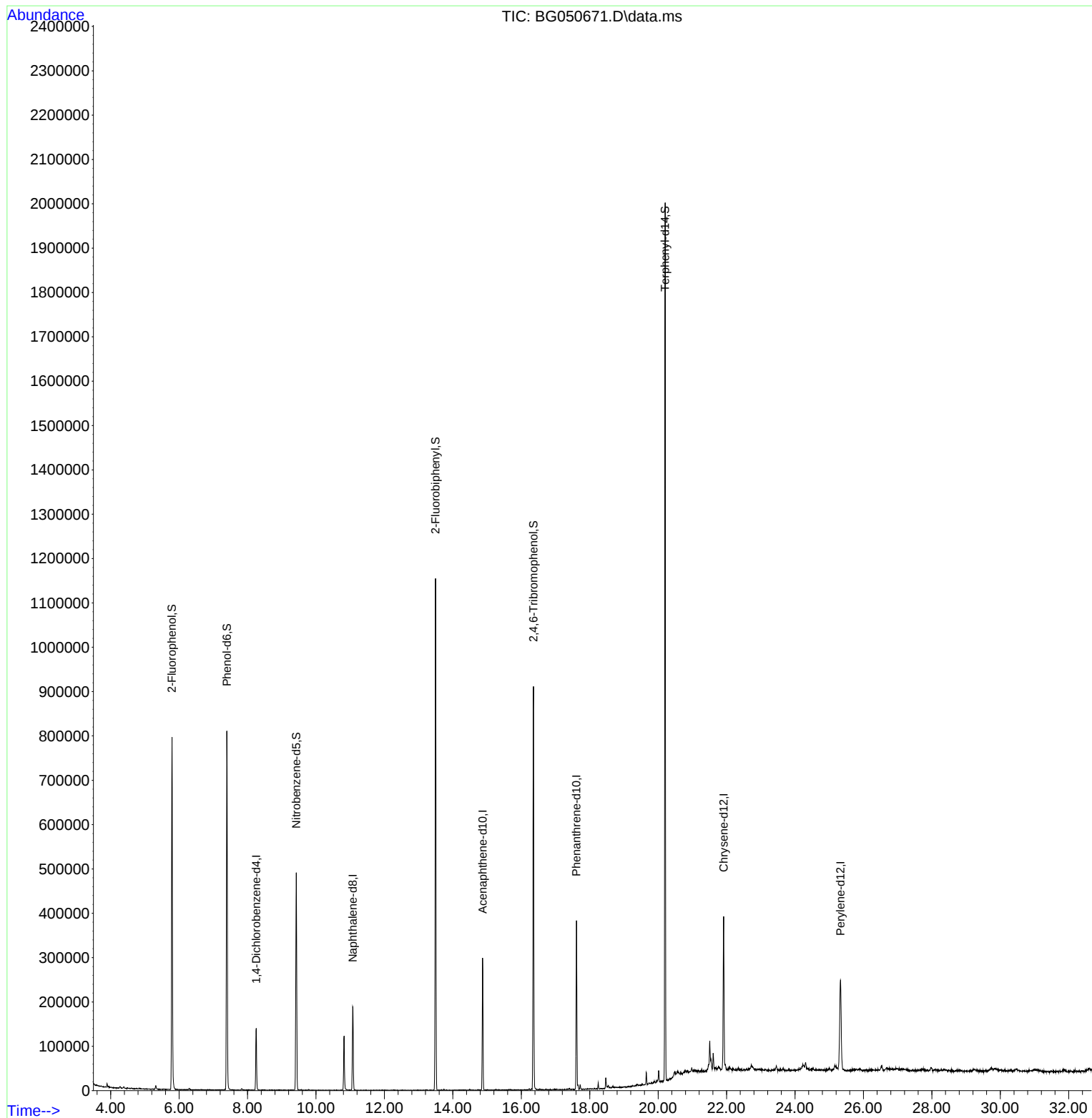
Target Compounds	Qvalue

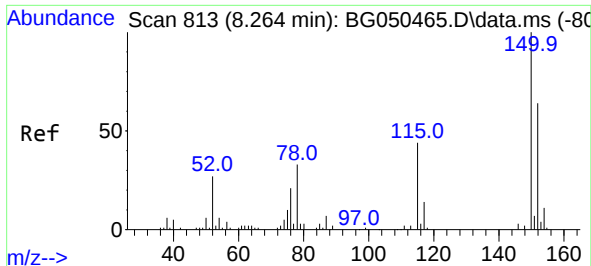
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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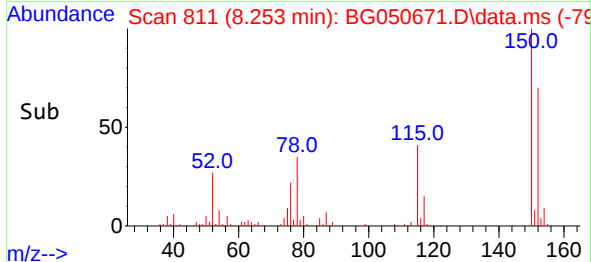
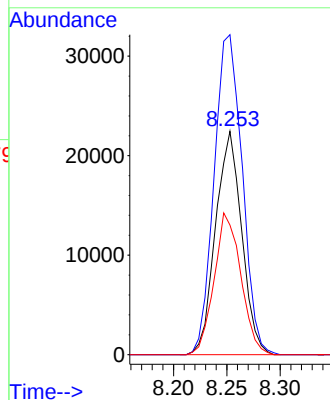
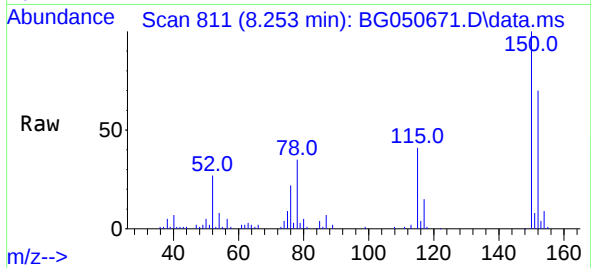




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41

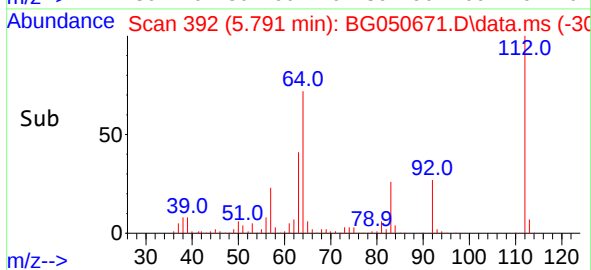
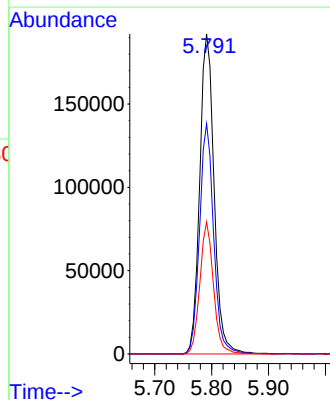
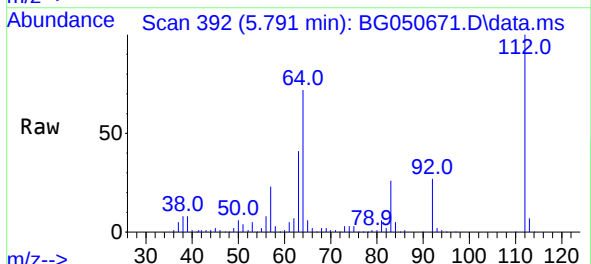
Instrument :
BNA_G
ClientSampleId :
TH-CD

Tgt Ion:152 Resp: 38283
Ion Ratio Lower Upper
152 100
150 143.3 119.4 179.0
115 58.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 132.08 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41

Tgt Ion:112 Resp: 338089
Ion Ratio Lower Upper
112 100
64 72.0 46.7 70.1#
63 41.2 35.3 52.9

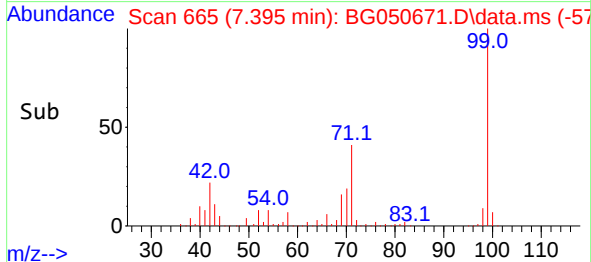
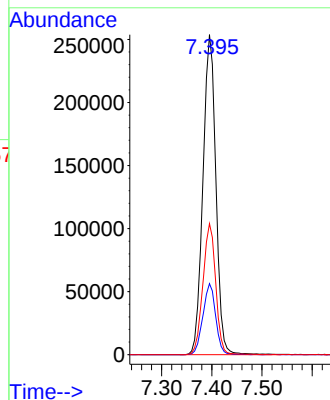
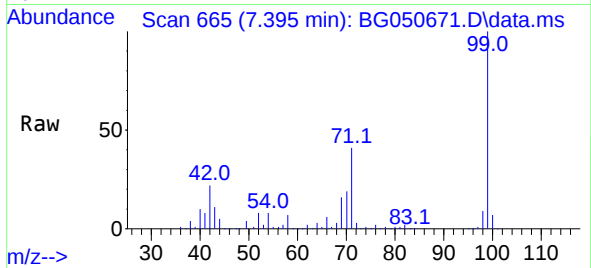




#7
Phenol-d6
Concen: 122.86 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41

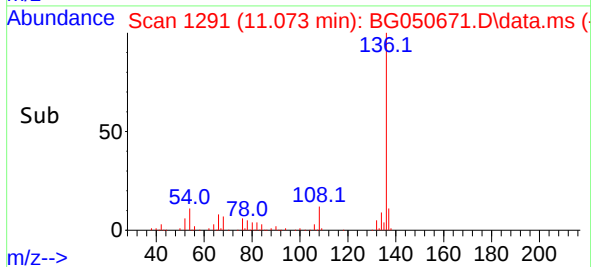
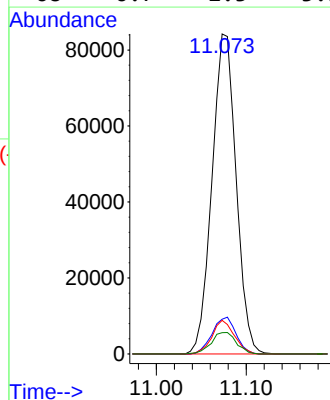
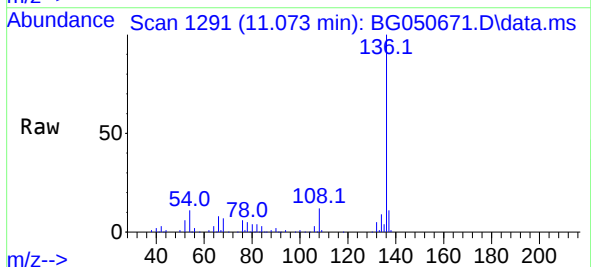
Instrument :
BNA_G
ClientSampleId :
TH-CD

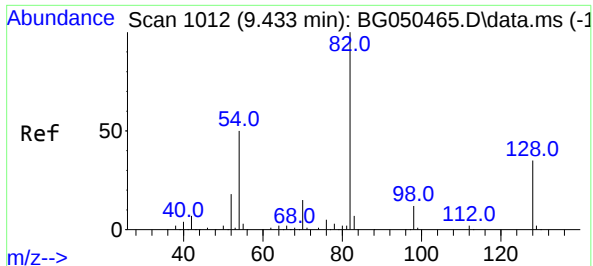
Tgt Ion: 99 Resp: 455328
Ion Ratio Lower Upper
99 100
42 22.2 20.5 30.7
71 41.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41

Tgt Ion: 136 Resp: 156978
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 10.5 5.5 8.3#
68 6.7 2.3 3.5#

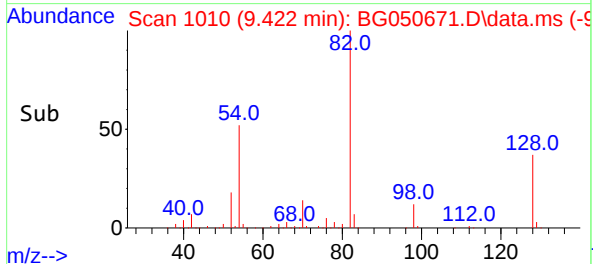
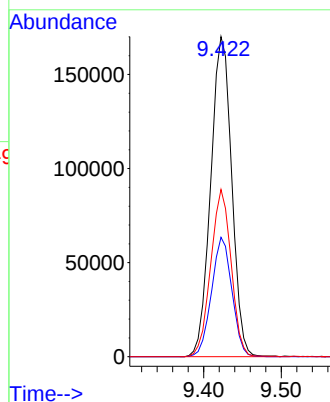
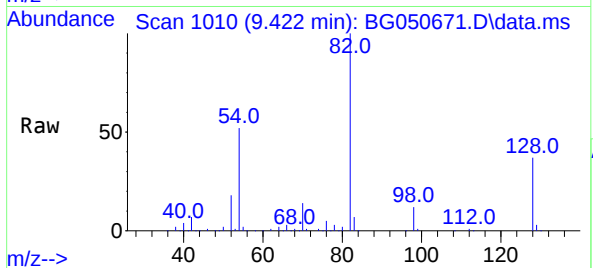




#23
Nitrobenzene-d5
Concen: 84.43 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41

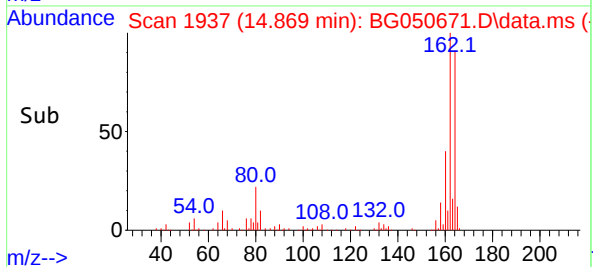
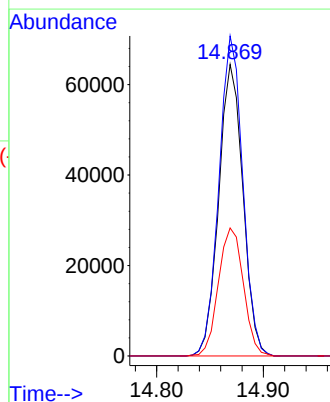
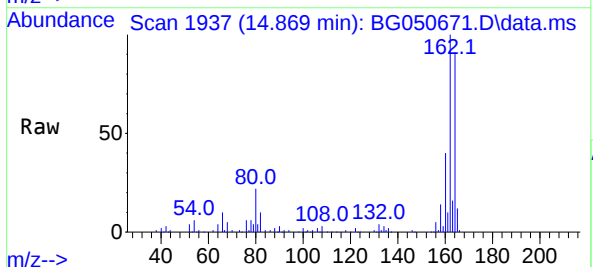
Instrument :
BNA_G
ClientSampleId :
TH-CD

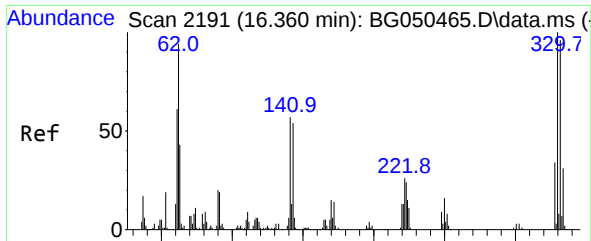
Tgt Ion: 82 Resp: 320175
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 52.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41

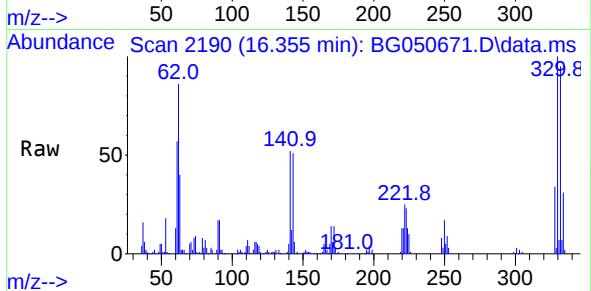
Tgt Ion:164 Resp: 101689
Ion Ratio Lower Upper
164 100
162 109.8 81.4 122.0
160 43.9 34.9 52.3



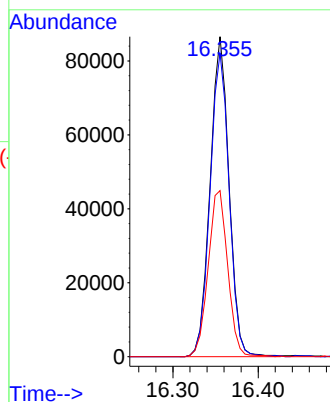
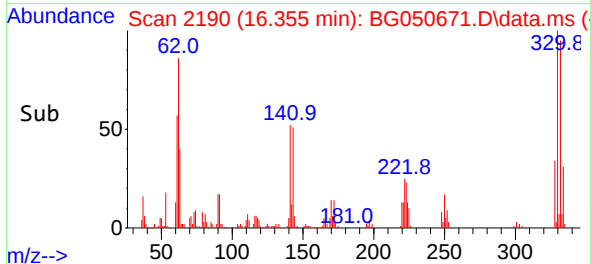


#42
2,4,6-Tribromophenol
Concen: 137.53 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41

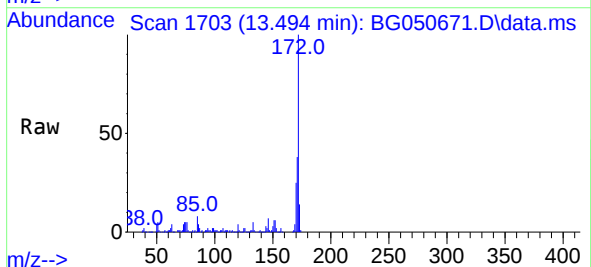
Instrument :
BNA_G
ClientSampled :
TH-CD



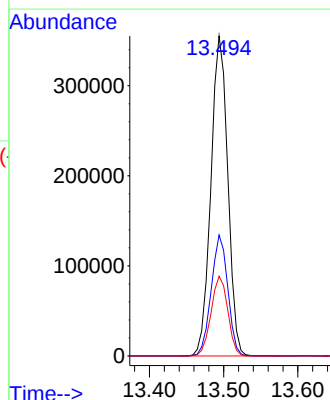
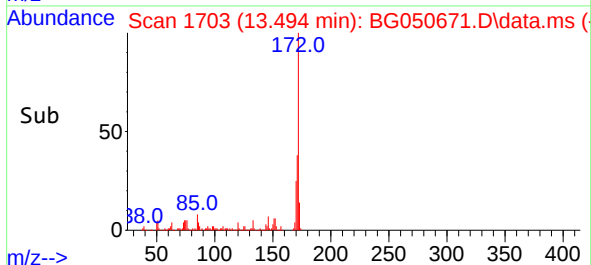
Tgt Ion:330 Resp: 133393
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 53.7 35.6 53.4#

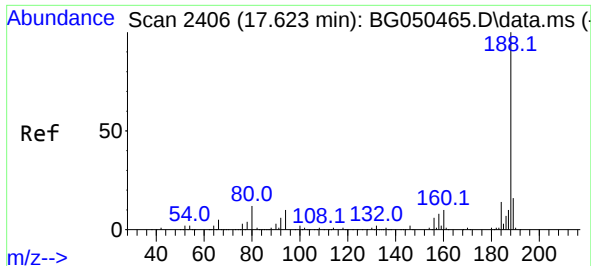


#45
2-Fluorobiphenyl
Concen: 83.04 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41



Tgt Ion:172 Resp: 561050
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 24.9 18.6 27.8

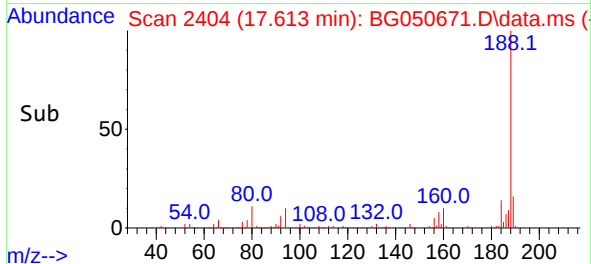
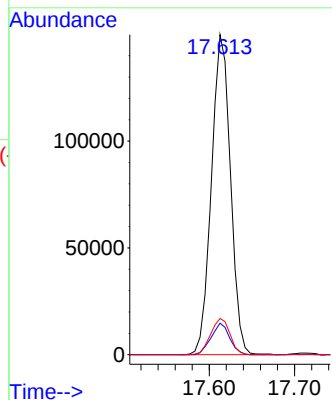
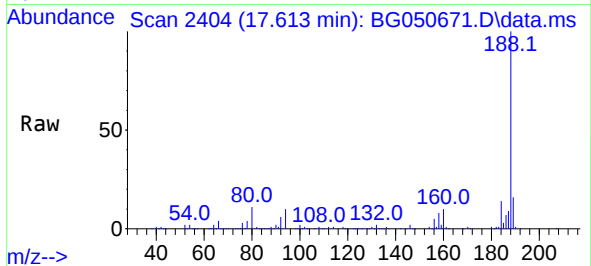




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41

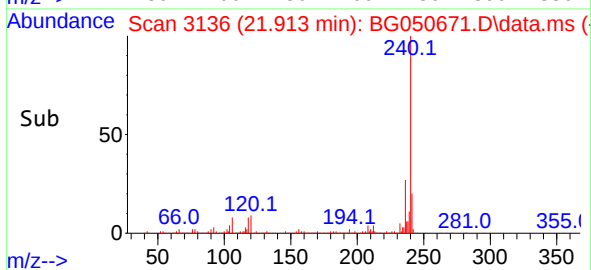
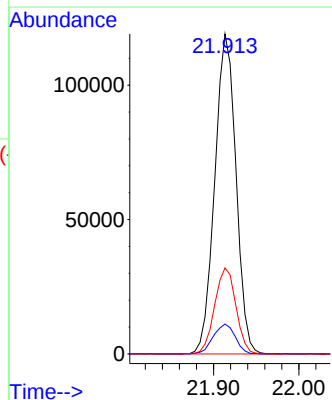
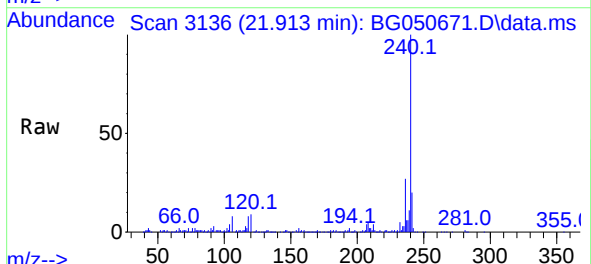
Instrument :
BNA_G
ClientSampleId :
TH-CD

Tgt Ion:188 Resp: 232170
Ion Ratio Lower Upper
188 100
94 9.9 5.4 8.0#
80 11.3 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050671.D
Acq: 21 Oct 2021 17:41

Tgt Ion:240 Resp: 205748
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 26.9 21.8 32.6

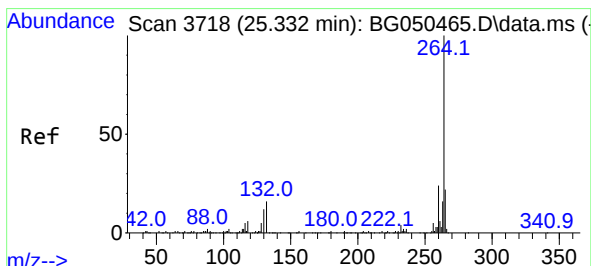
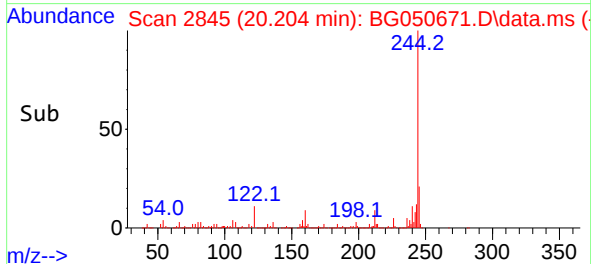
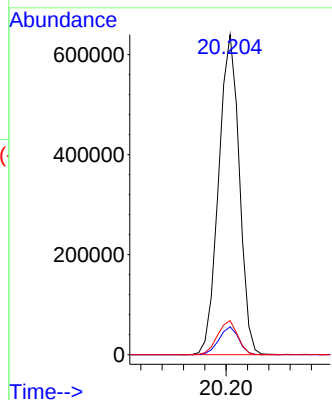
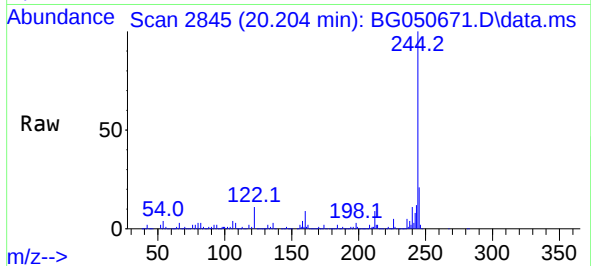




#79
 Terphenyl-d14
 Concen: 81.38 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050671.D
 Acq: 21 Oct 2021 17:41

Instrument :
 BNA_G
 ClientSampleId :
 TH-CD

Tgt Ion:244 Resp: 859200
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 10.7 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050671.D
 Acq: 21 Oct 2021 17:41

Tgt Ion:264 Resp: 201266
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 22.3 16.9 25.3

